

Program Complot  
(Version 2015-2)

by

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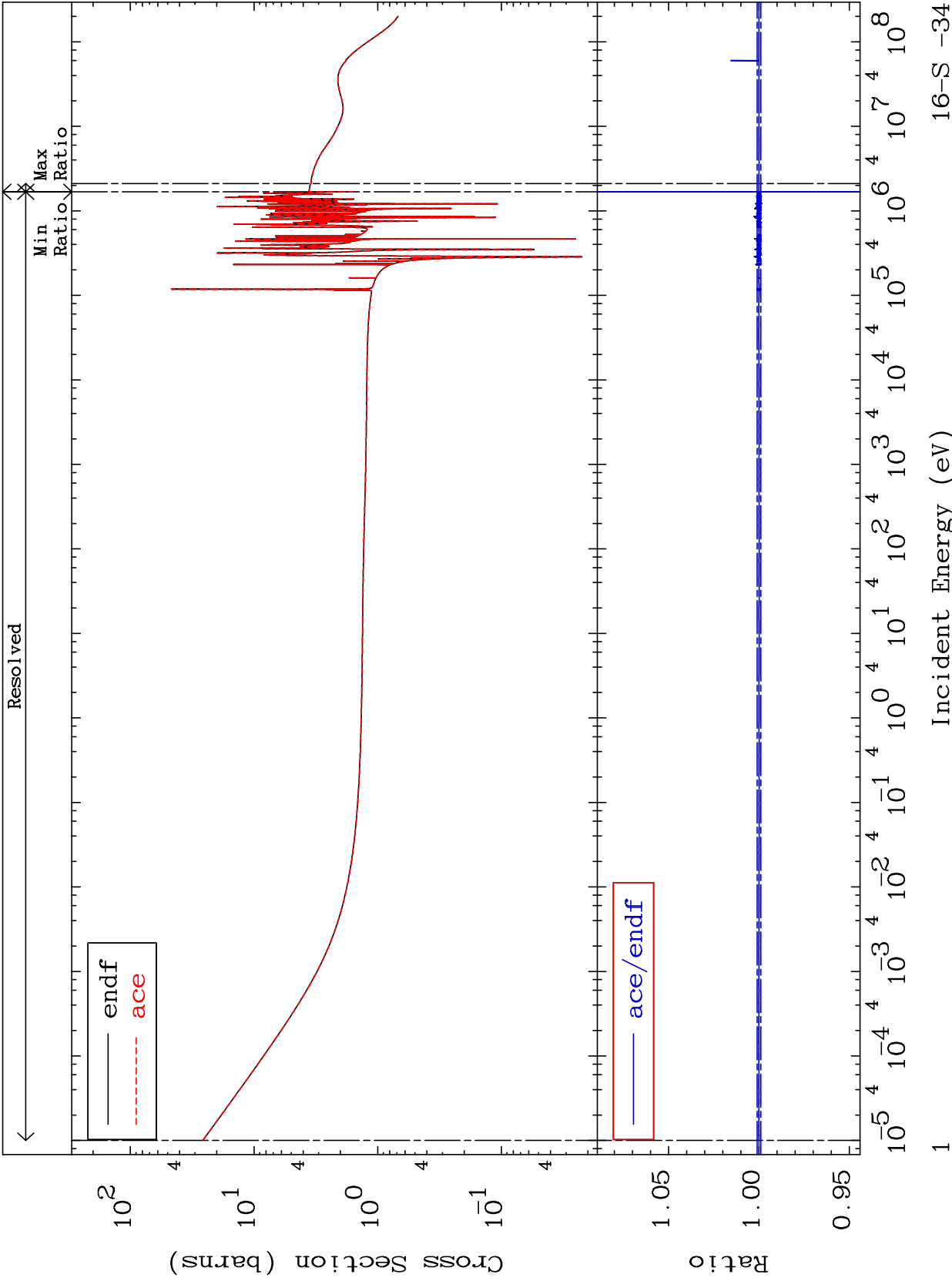
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 1631

Total  
Cross Section

16-S -34  
-8.506 To 36.91 %

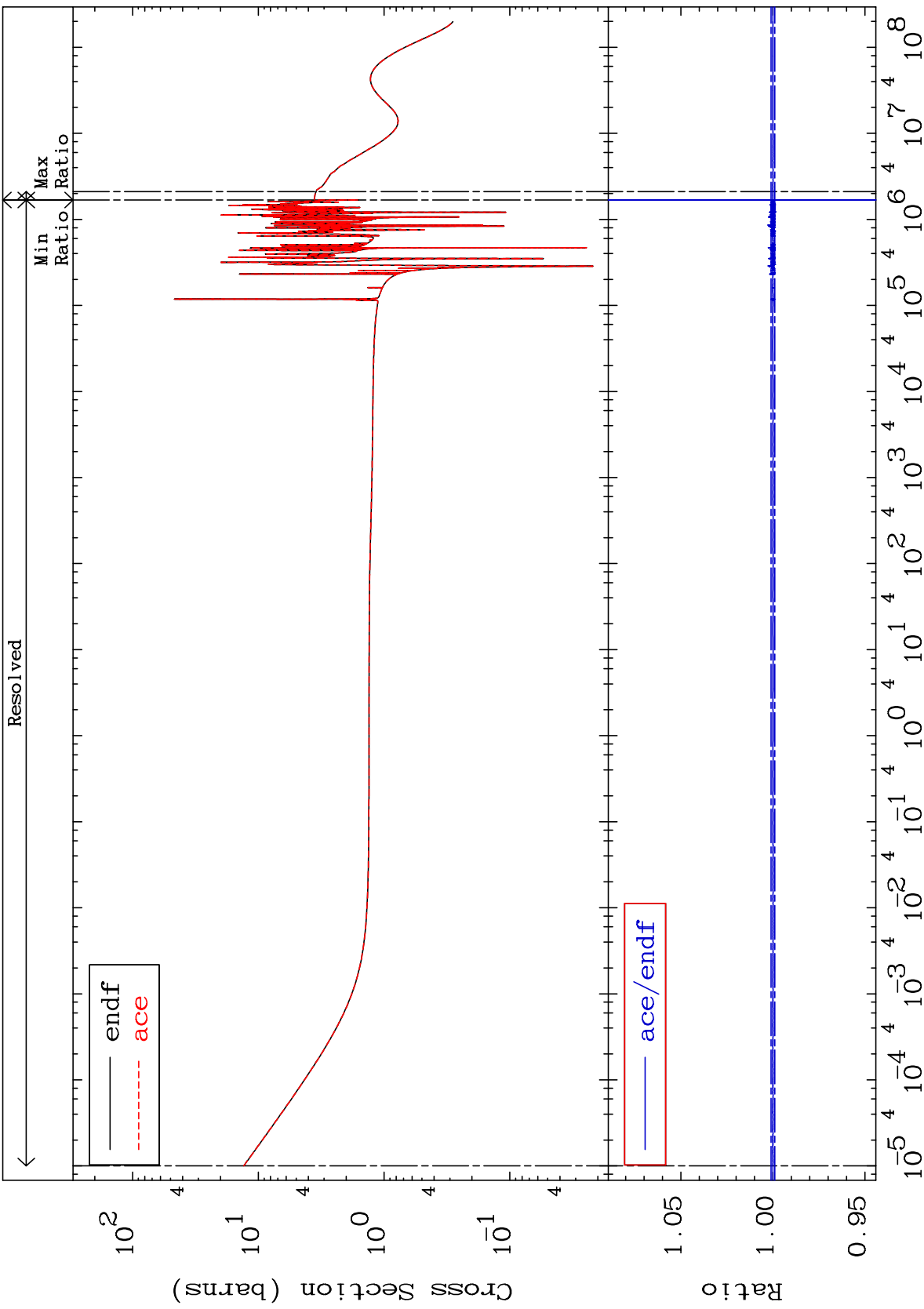


16-S -34

MAT 1631

### Elastic Cross Section

16-S -34  
-8.506 To 36.91 %



2

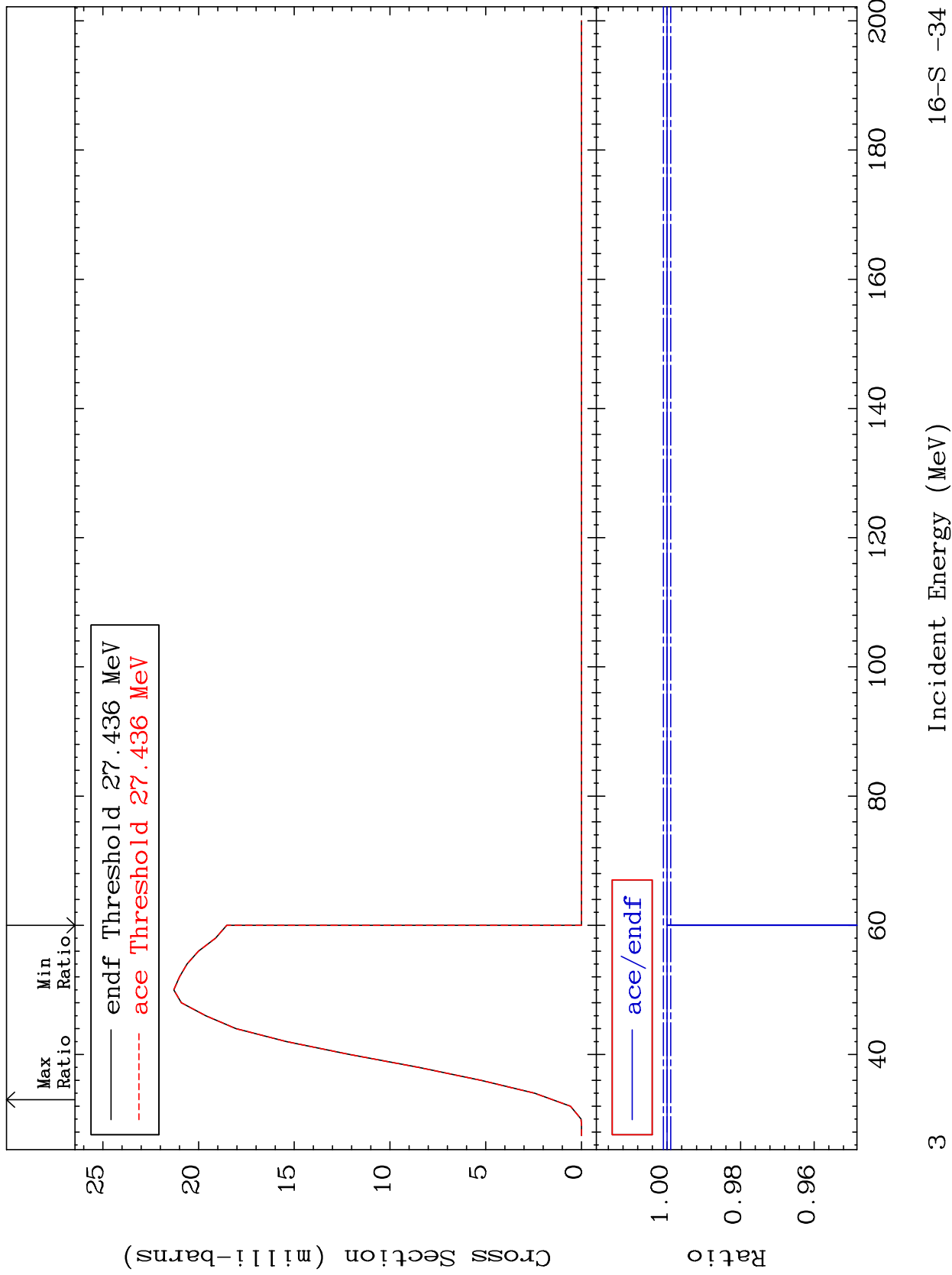
Incident Energy (eV)

16-S -34

MAT 1631

(n,2n) d  
Cross Section

16-S -34  
-100.0 To 0.000 %

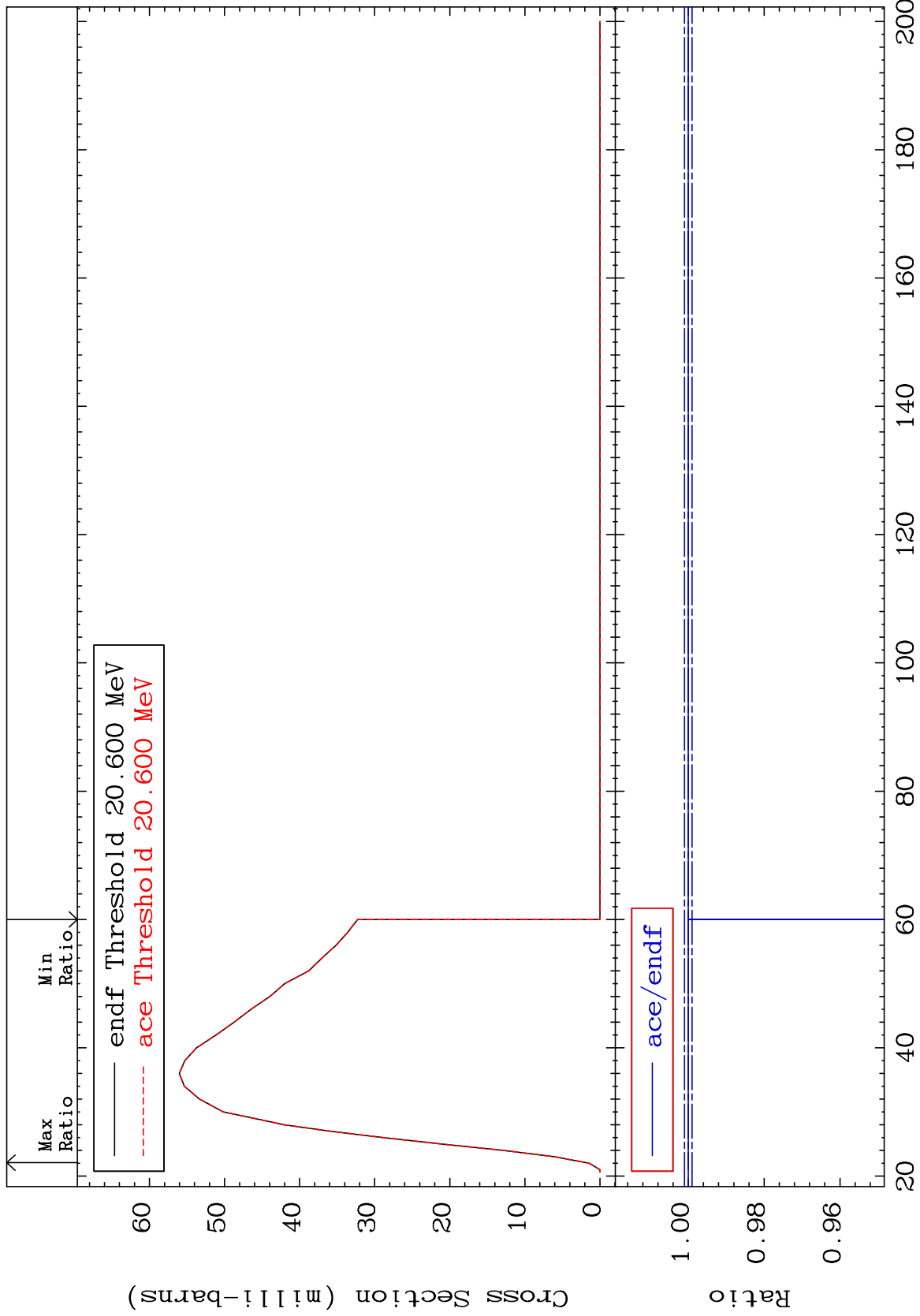




MAT 1631

(n,3n)  
Cross Section

16-S -34  
-100.0 To 0.000 %



5

Incident Energy (MeV)

16-S -34

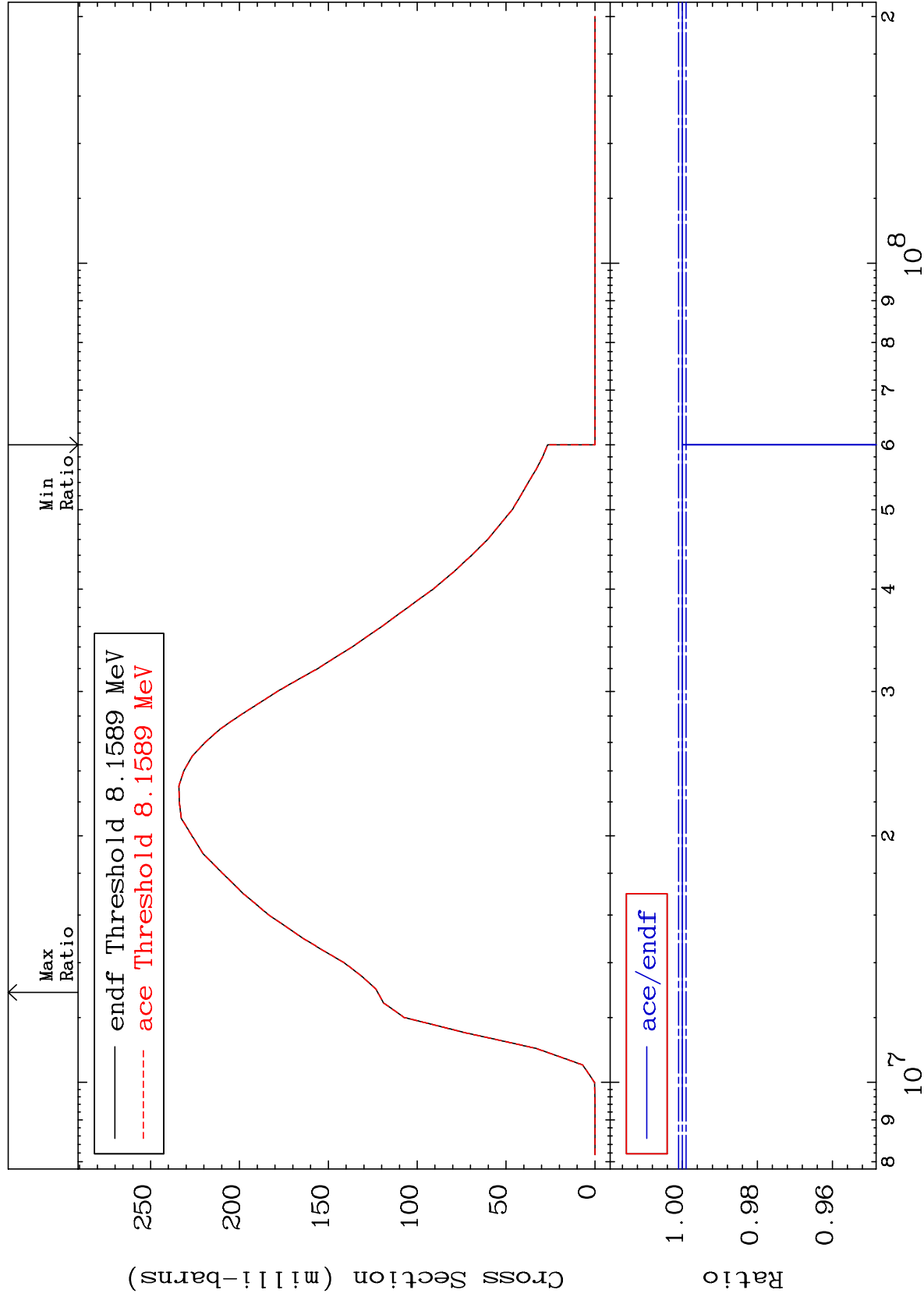
MAT 1631

$(n, n') \alpha$

16-S -34

Cross Section

-100.0 To 0.000 %



6

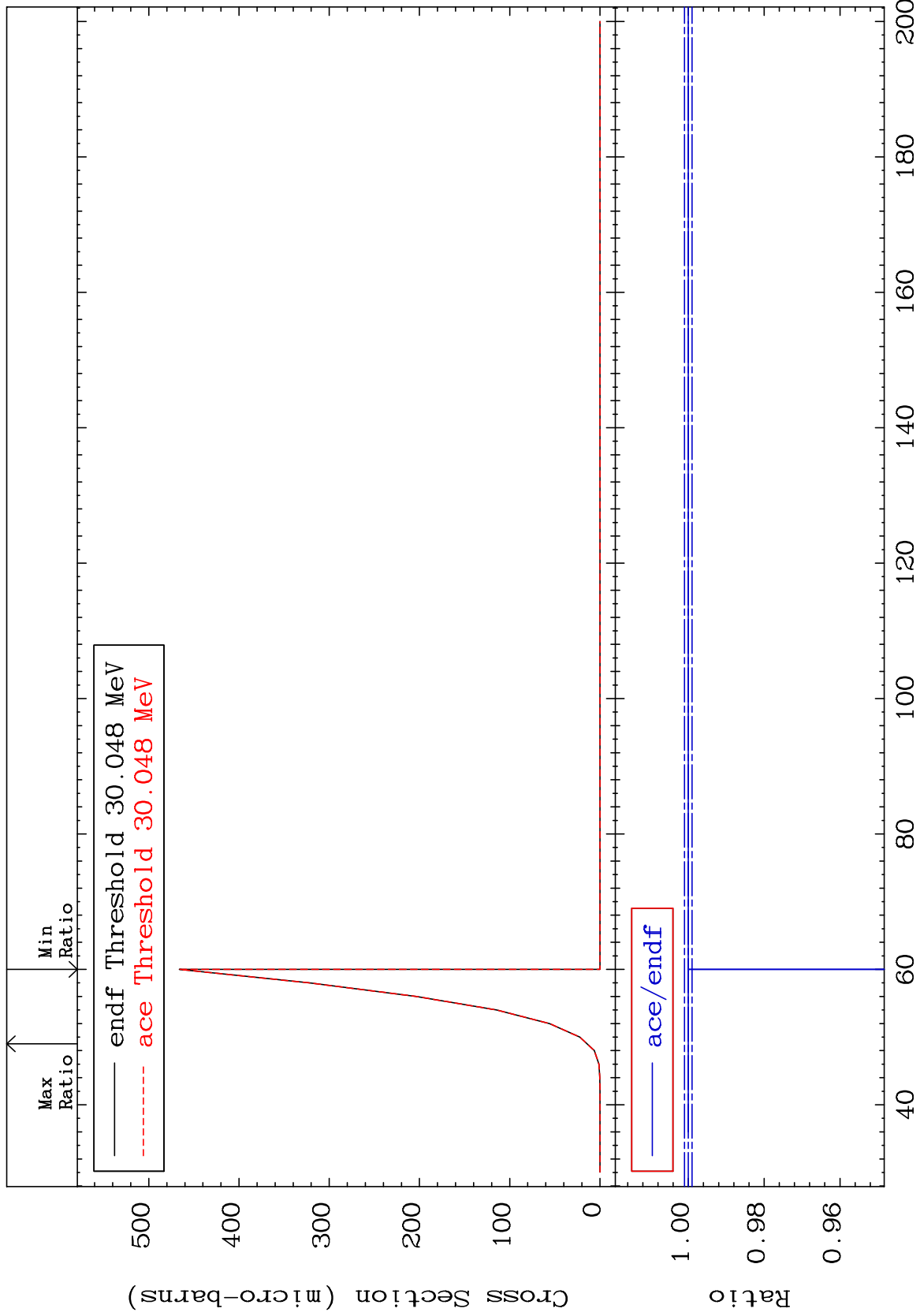
Incident Energy (eV)

16-S -34

MAT 1631

(n,n') 3α  
Cross Section

16-S -34  
-100.0 To 0.000 %





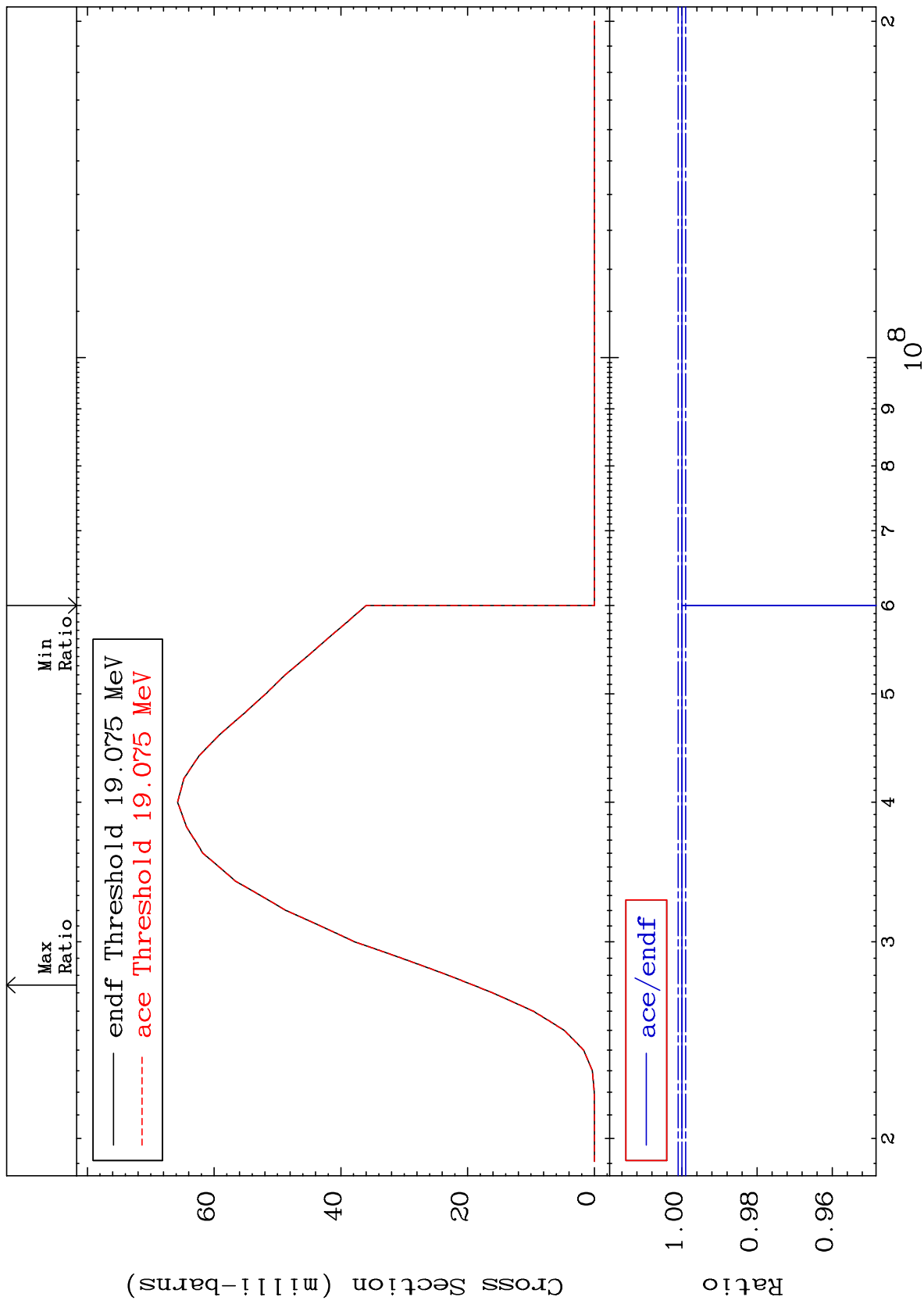
MAT 1631

(n,2n)  $\alpha$

16-S -34

Cross Section

-100.0 To 0.000 %



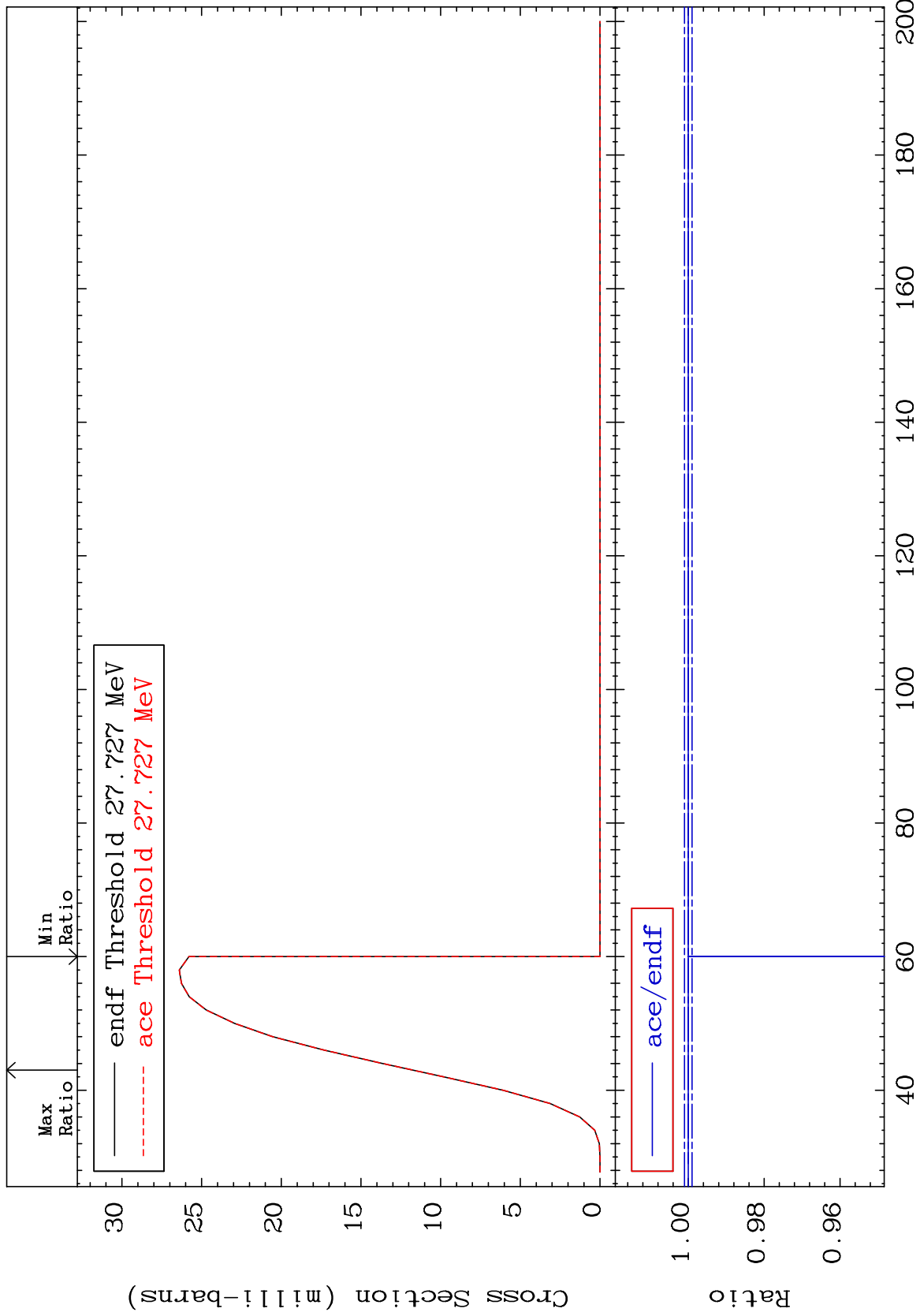
8

16-S -34

MAT 1631

(n, 3n)  $\alpha$   
Cross Section

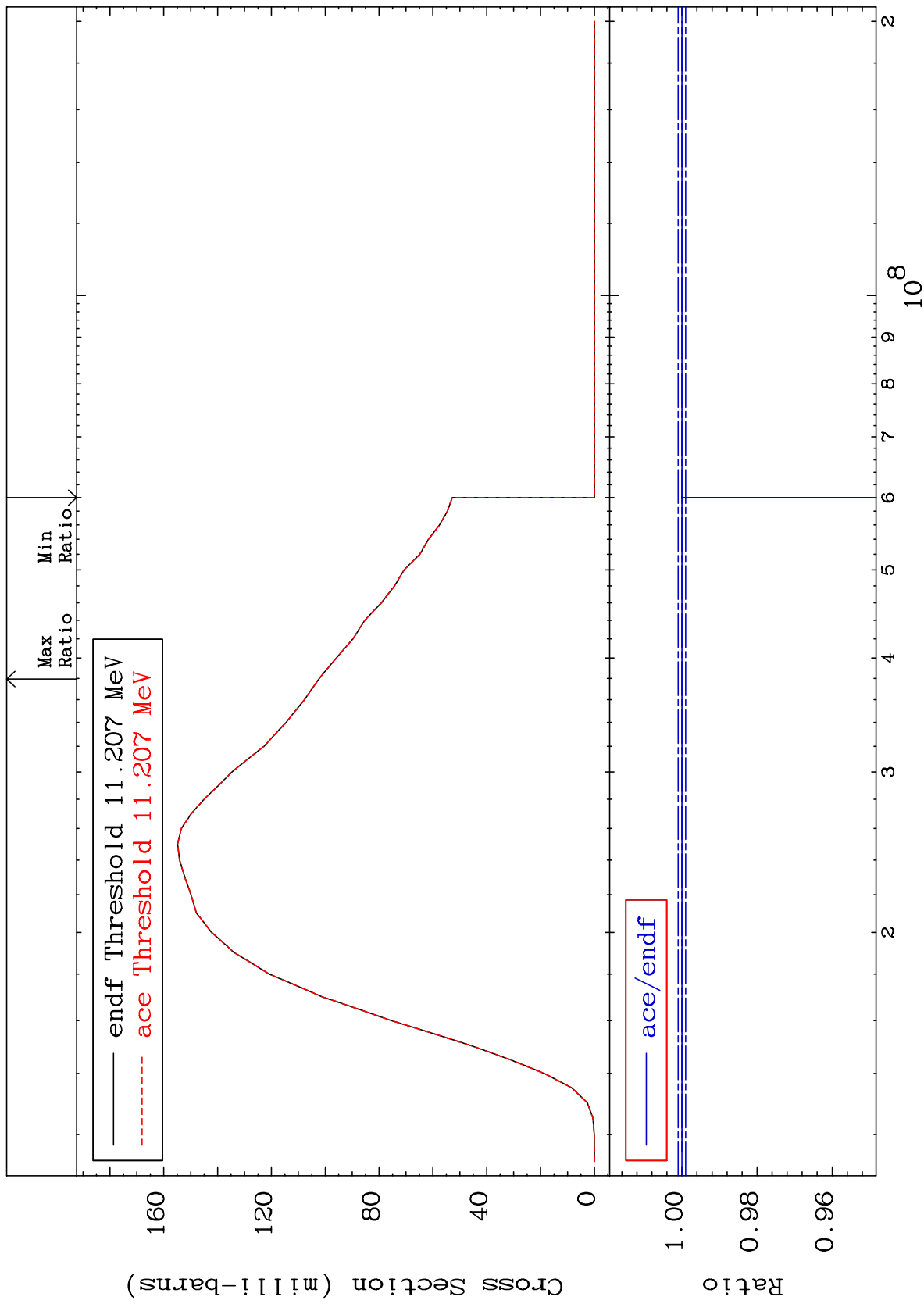
16-S -34  
-100.0 To 0.000 %



MAT 1631

(n, n') p  
Cross Section

16-S -34  
-100.0 To 0.000 %



10

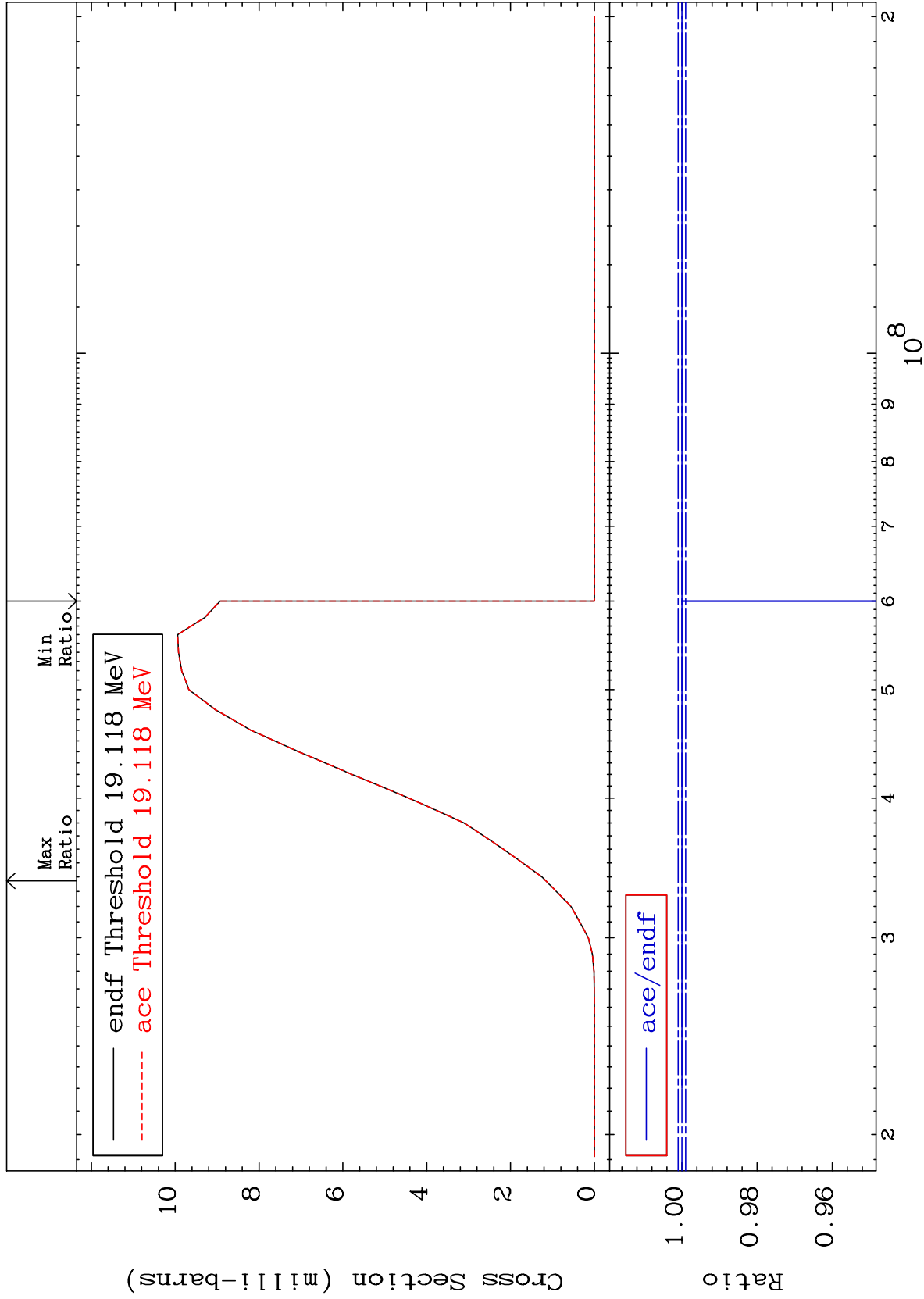
Incident Energy (eV)

16-S -34

MAT 1631

(n,n') 2α  
Cross Section

16-S -34  
-100.0 To 0.000 %



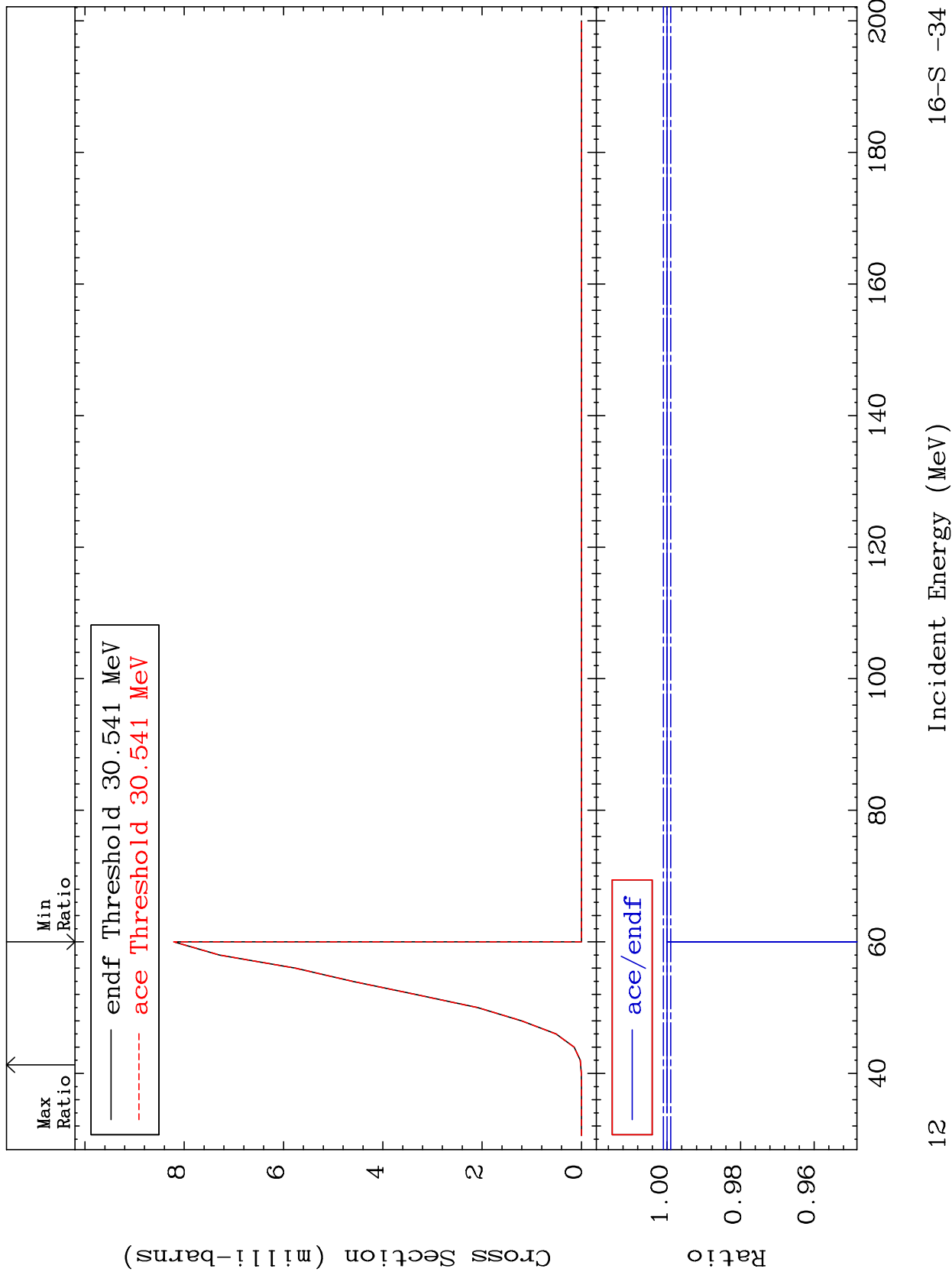
11

16-S -34

MAT 1631

(n,2n) 2α  
Cross Section

16-S -34  
-100.0 To 0.000 %



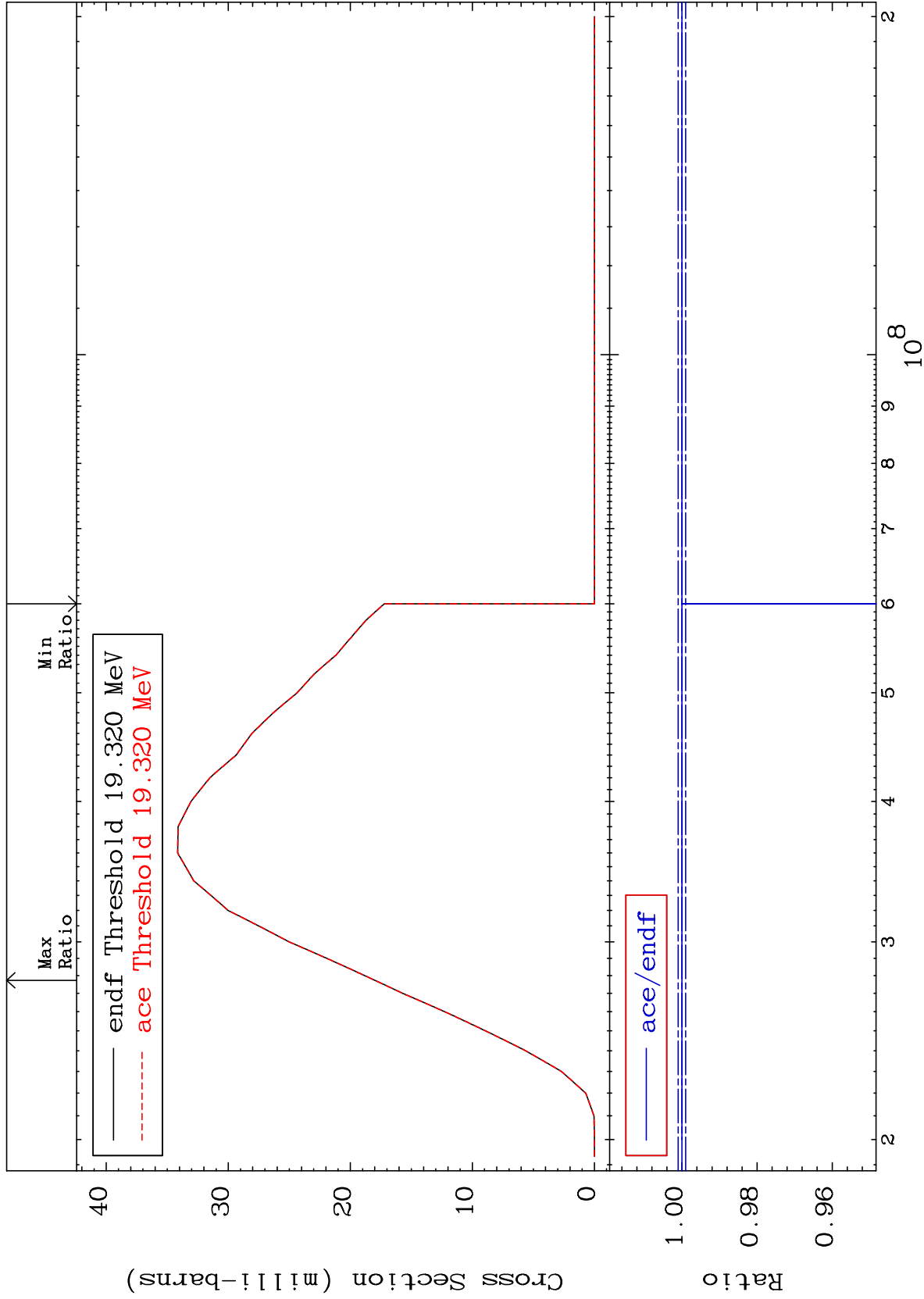
12

16-S -34

MAT 1631

(n, n') d  
Cross Section

16-S -34  
-100.0 To 0.000 %



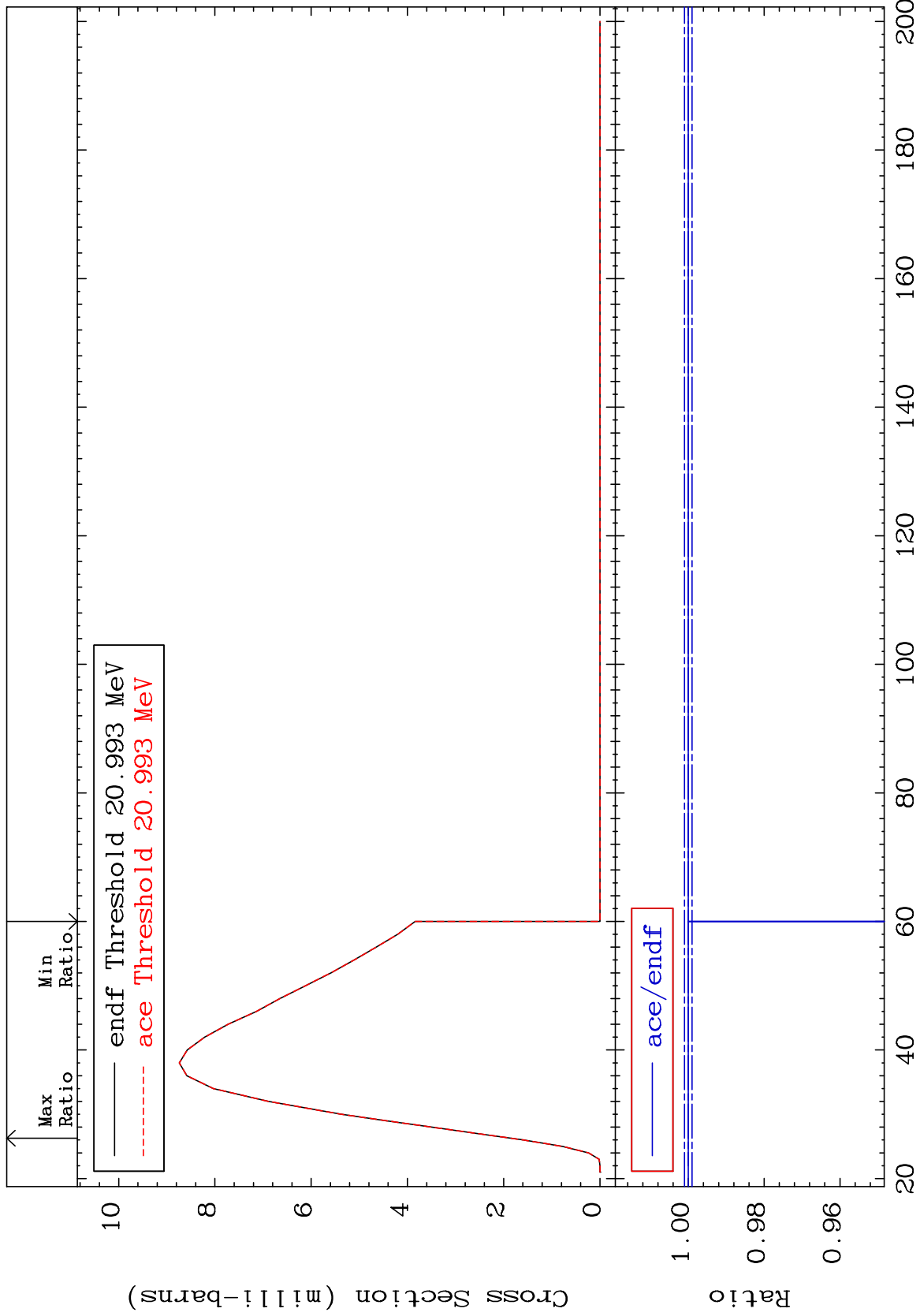
13

16-S -34

MAT 1631

(n,n') t  
Cross Section

16-S -34  
-100.0 To 0.000 %



14

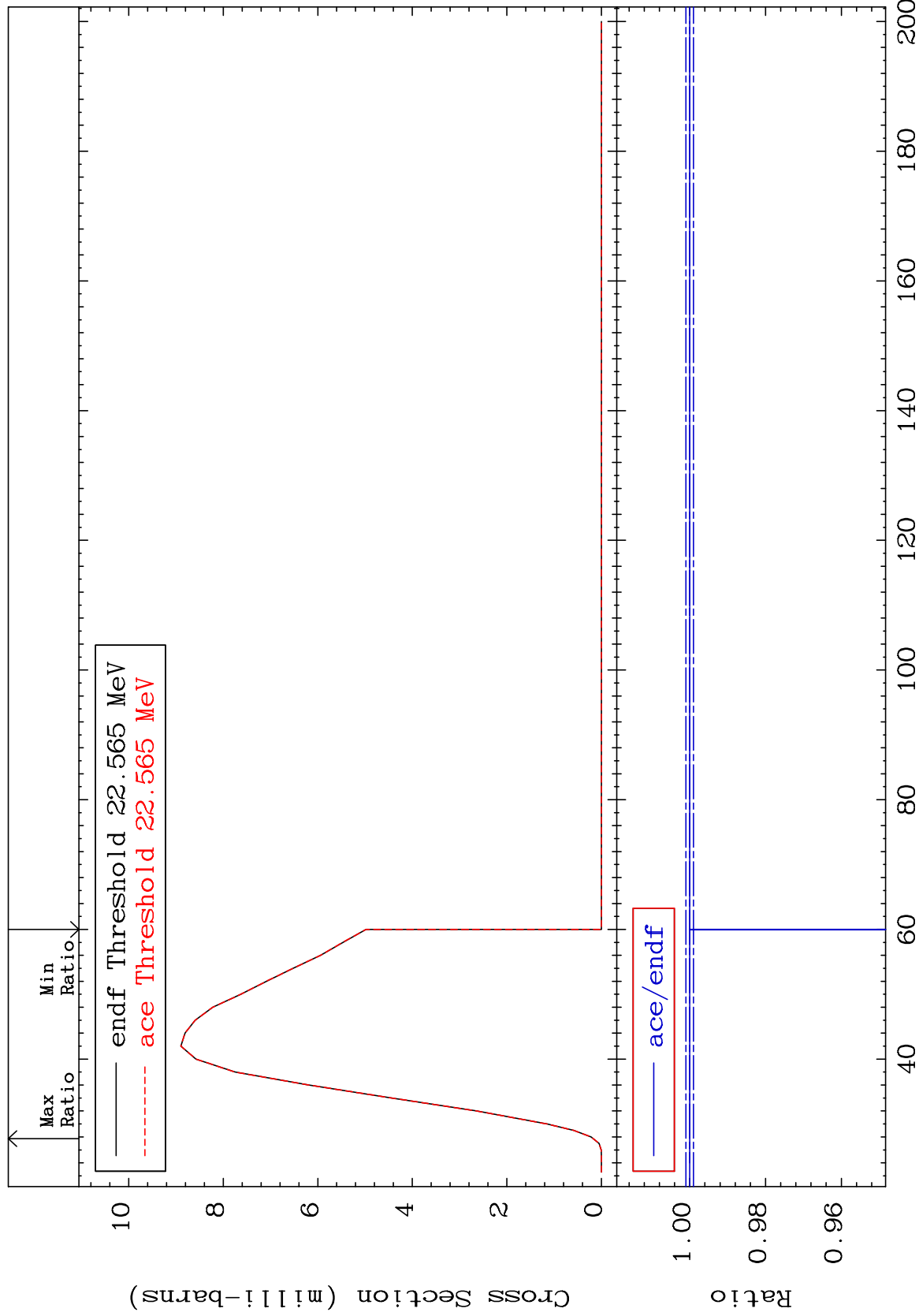
Incident Energy (MeV)

16-S -34

MAT 1631

(n,n') He-3  
Cross Section

16-S -34  
-100.0 To 0.000 %



15

Incident Energy (MeV)

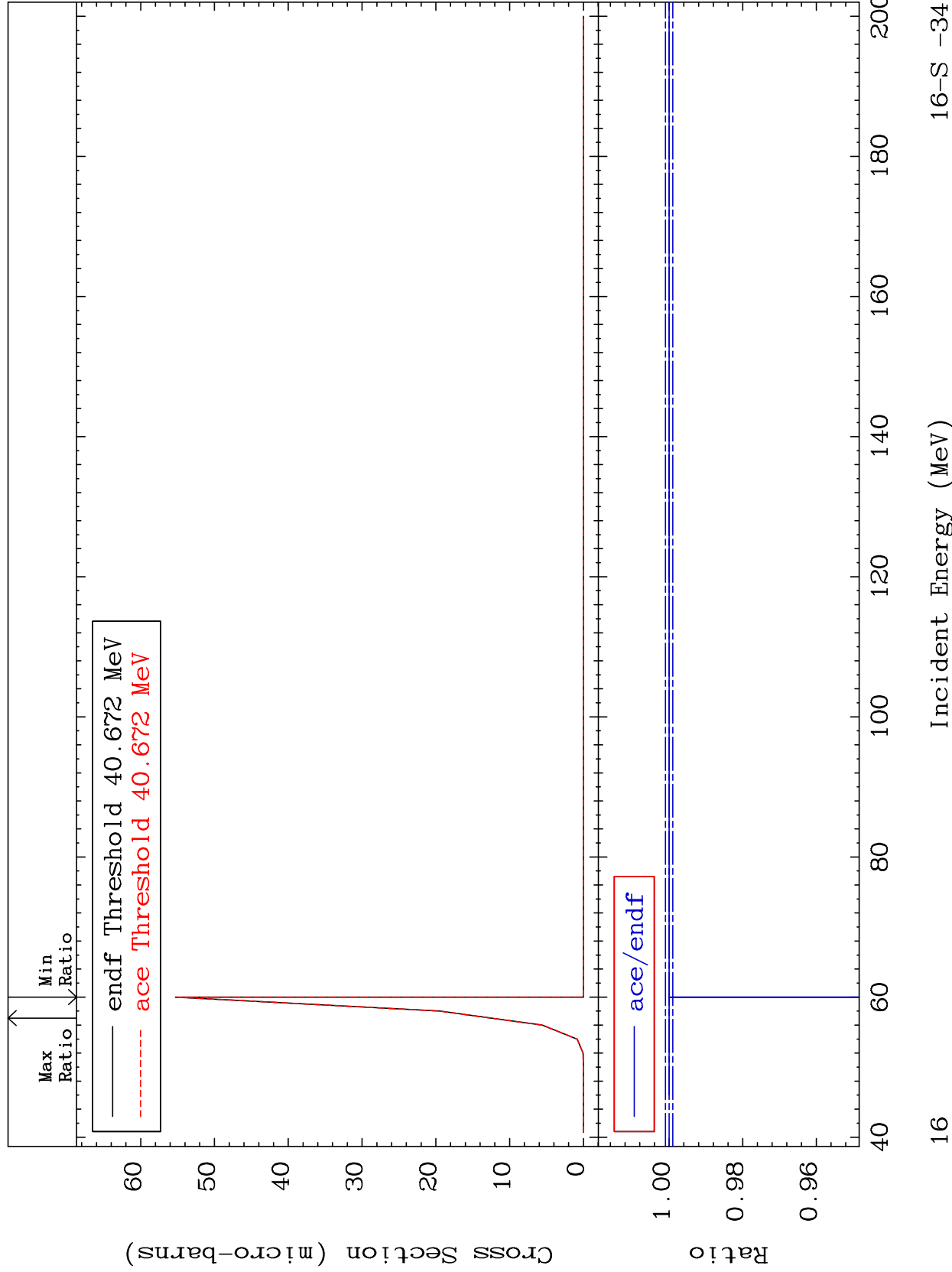
16-S -34



MAT 1631

(n,n') d,2α  
Cross Section

16-S -34  
-100.0 To 0.000 %



16

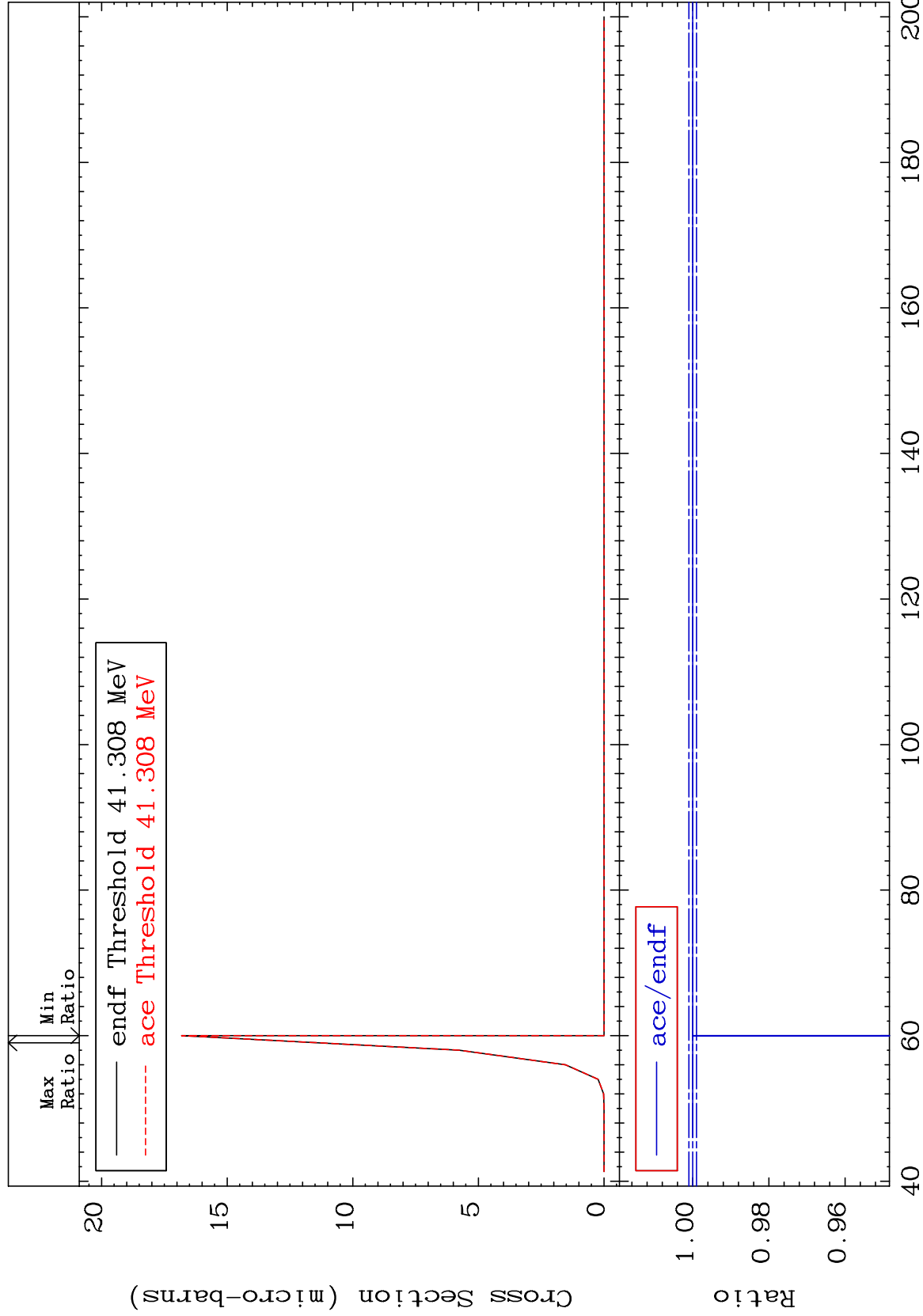
Incident Energy (MeV)

16-S -34

MAT 1631

(n,n') t,2α  
Cross Section

16-S -34  
-100.0 To 0.000 %



17

Incident Energy (MeV)

16-S -34

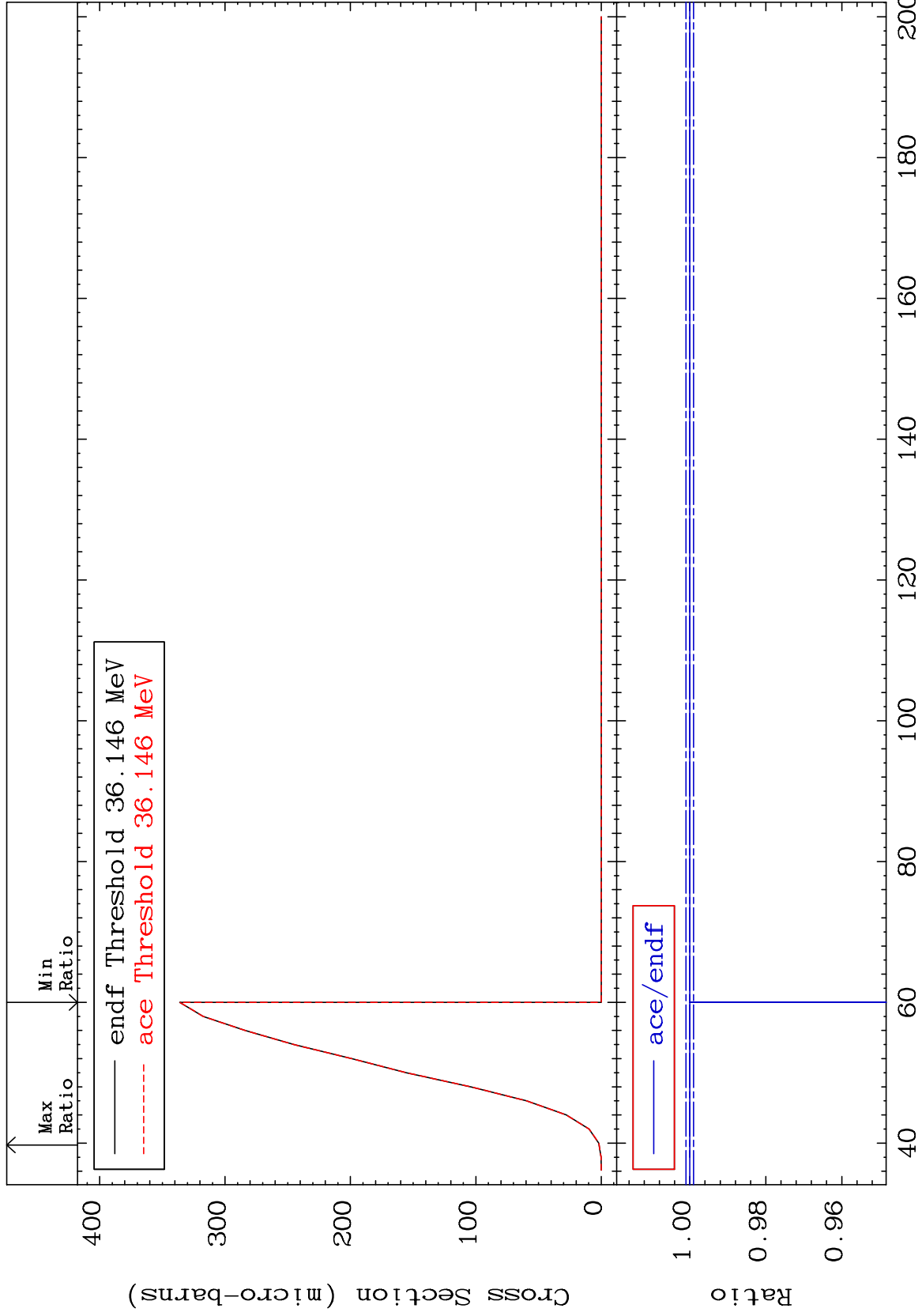
MAT 1631

(n, 4n)

16-S -34

Cross Section

-100.0 To 0.000 %



18

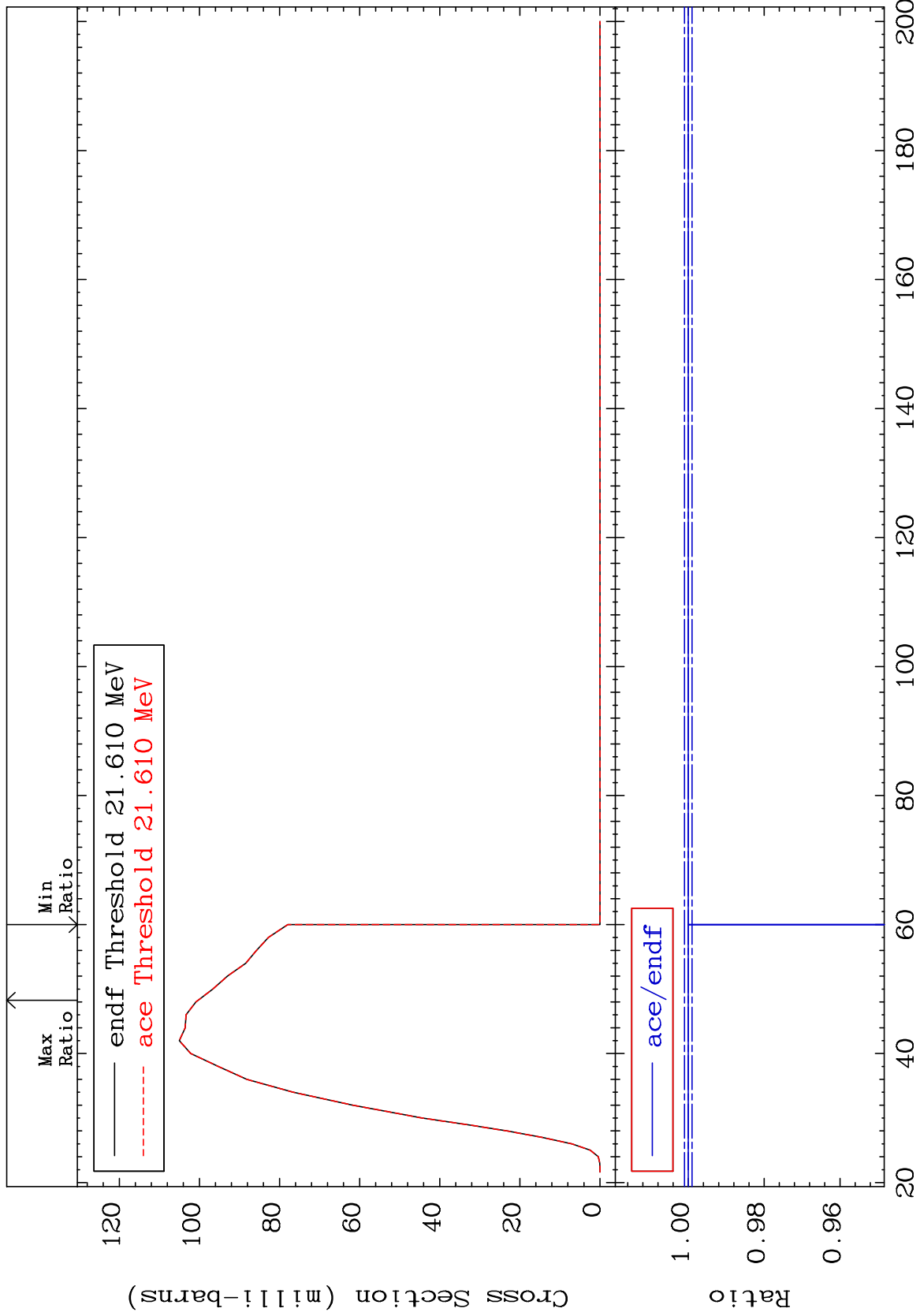
Incident Energy (MeV)

16-S -34

MAT 1631

(n,2n) p  
Cross Section

16-S -34  
-100.0 To 0.000 %



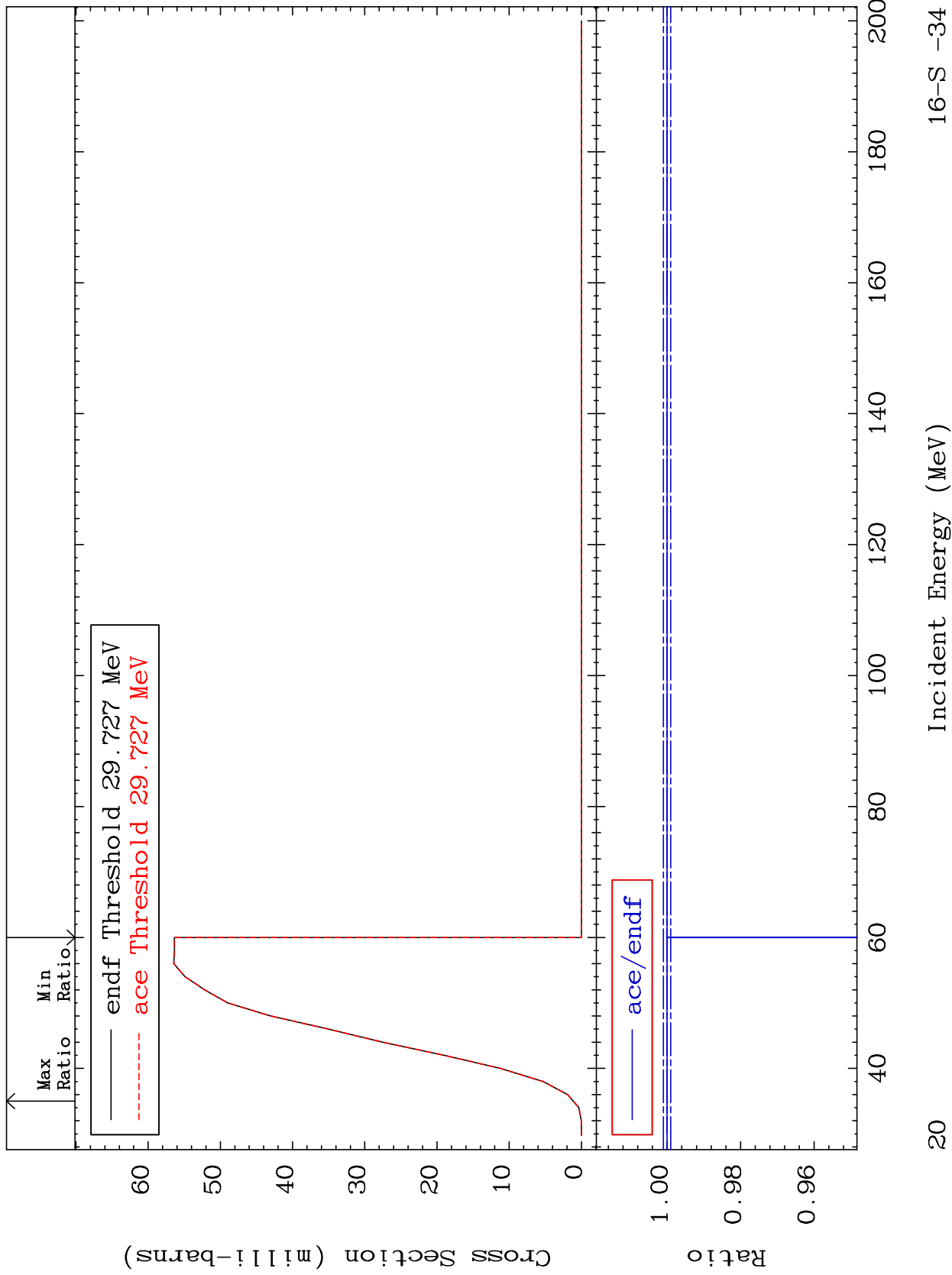
19

16-S -34

MAT 1631

(n, 3n) p  
Cross Section

16-S -34  
-100.0 To 0.000 %



20

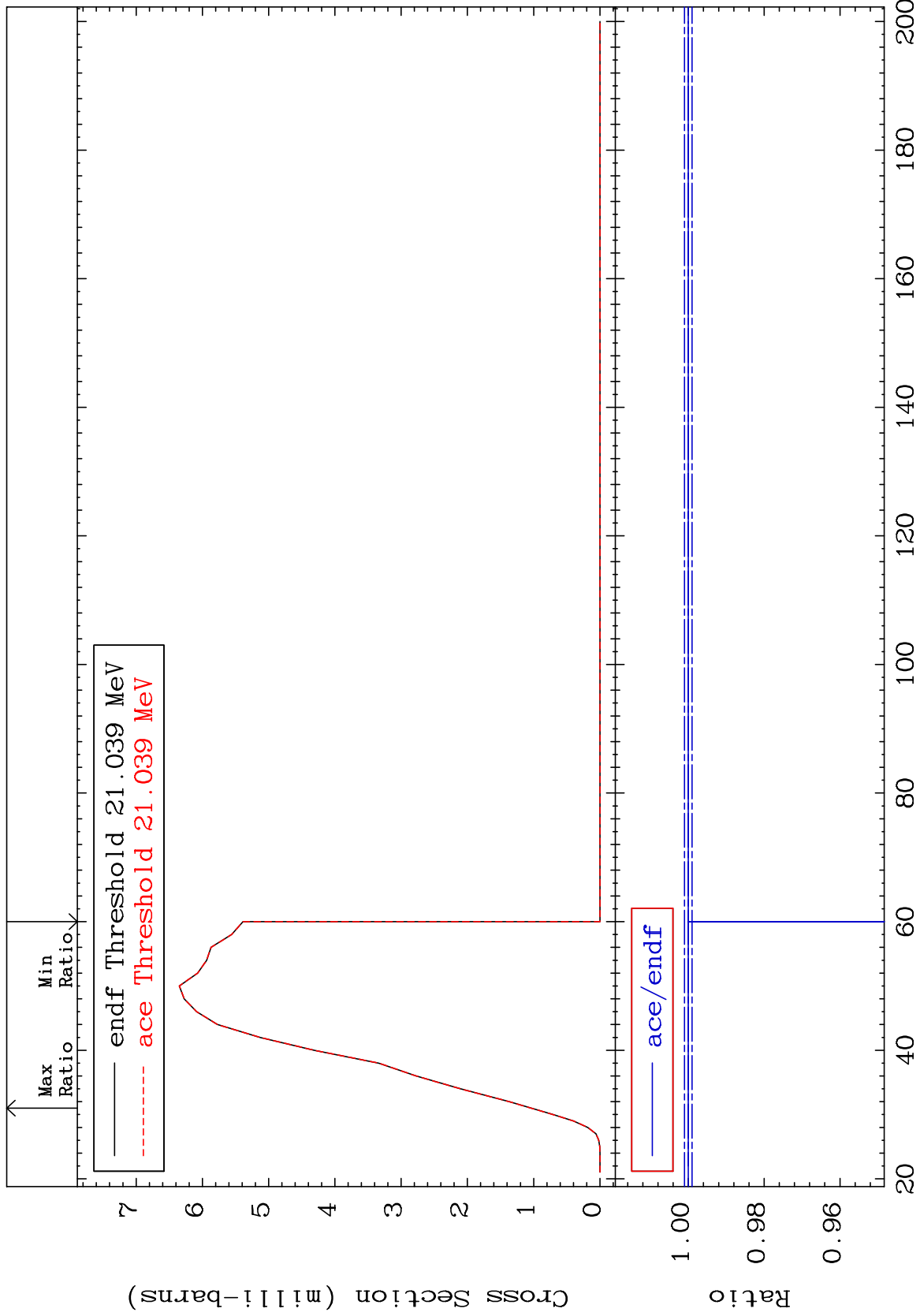
Incident Energy (MeV)

16-S -34

MAT 1631

(n,2n) p  
Cross Section

16-S -34  
-100.0 To 0.000 %



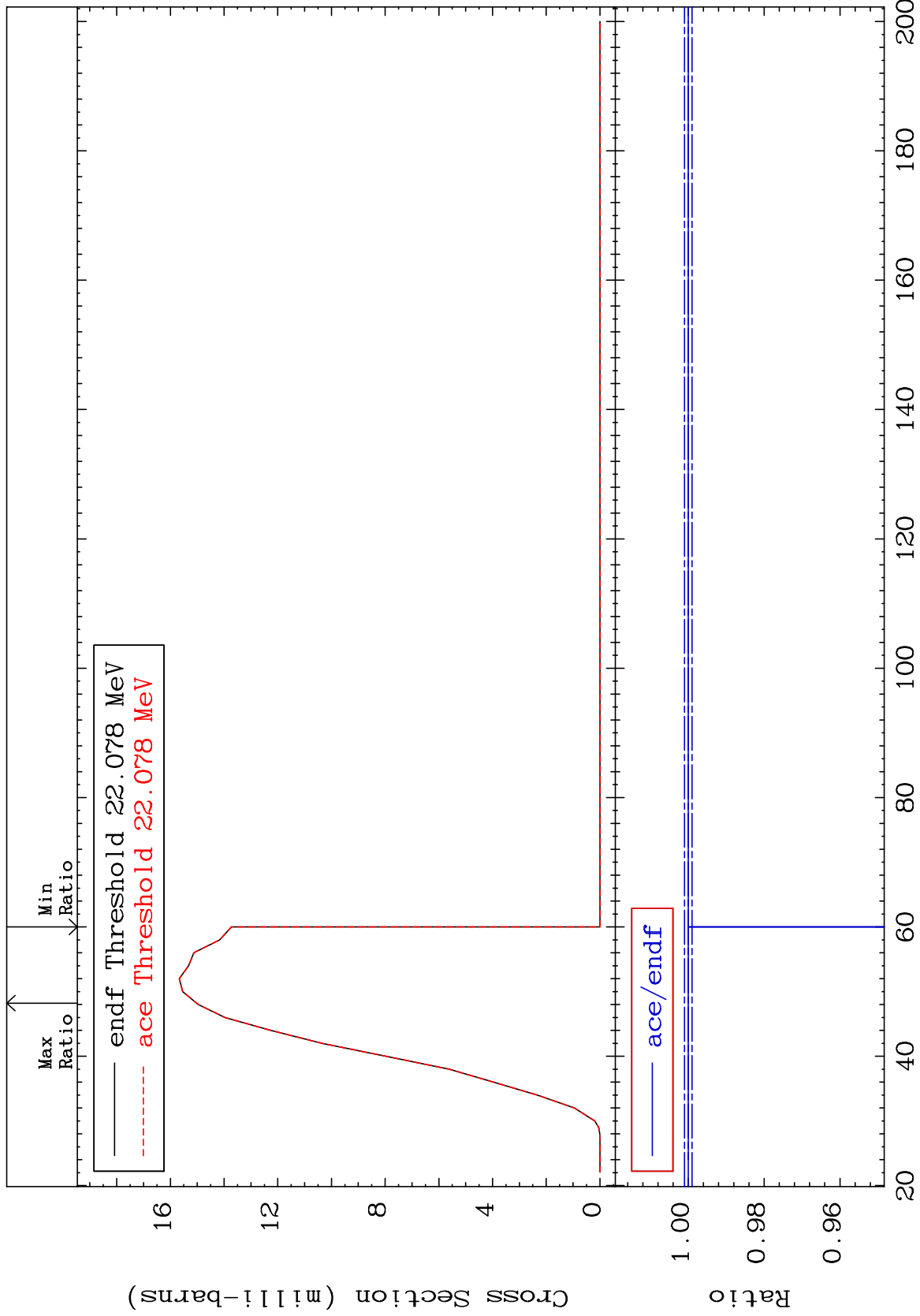
21

16-S -34

MAT 1631

(n,n') p  $\alpha$   
Cross Section

16-S -34  
-100.0 To 0.000 %



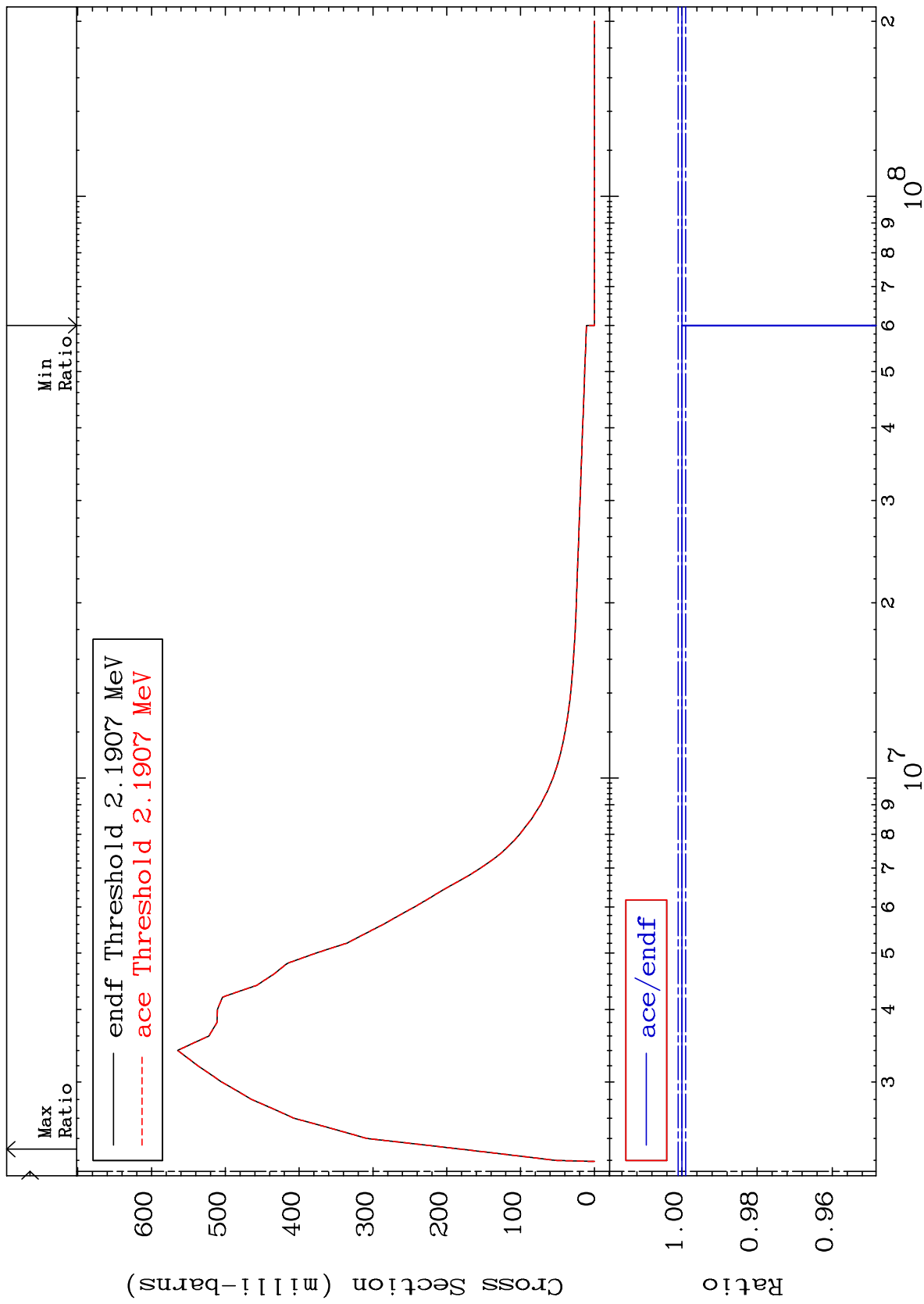
22

16-S -34

MAT 1631

2.128 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %

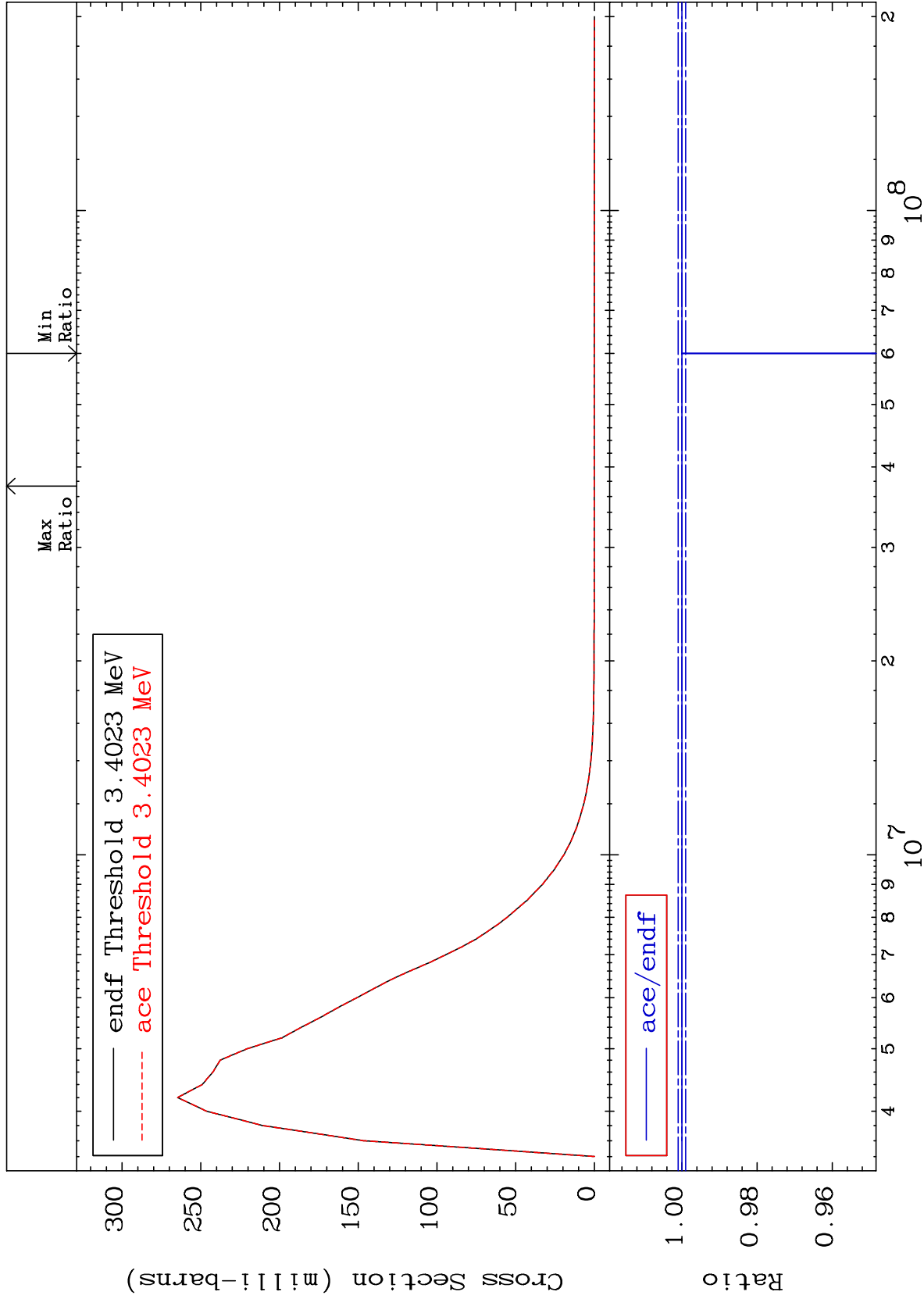




MAT 1631

3.304 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



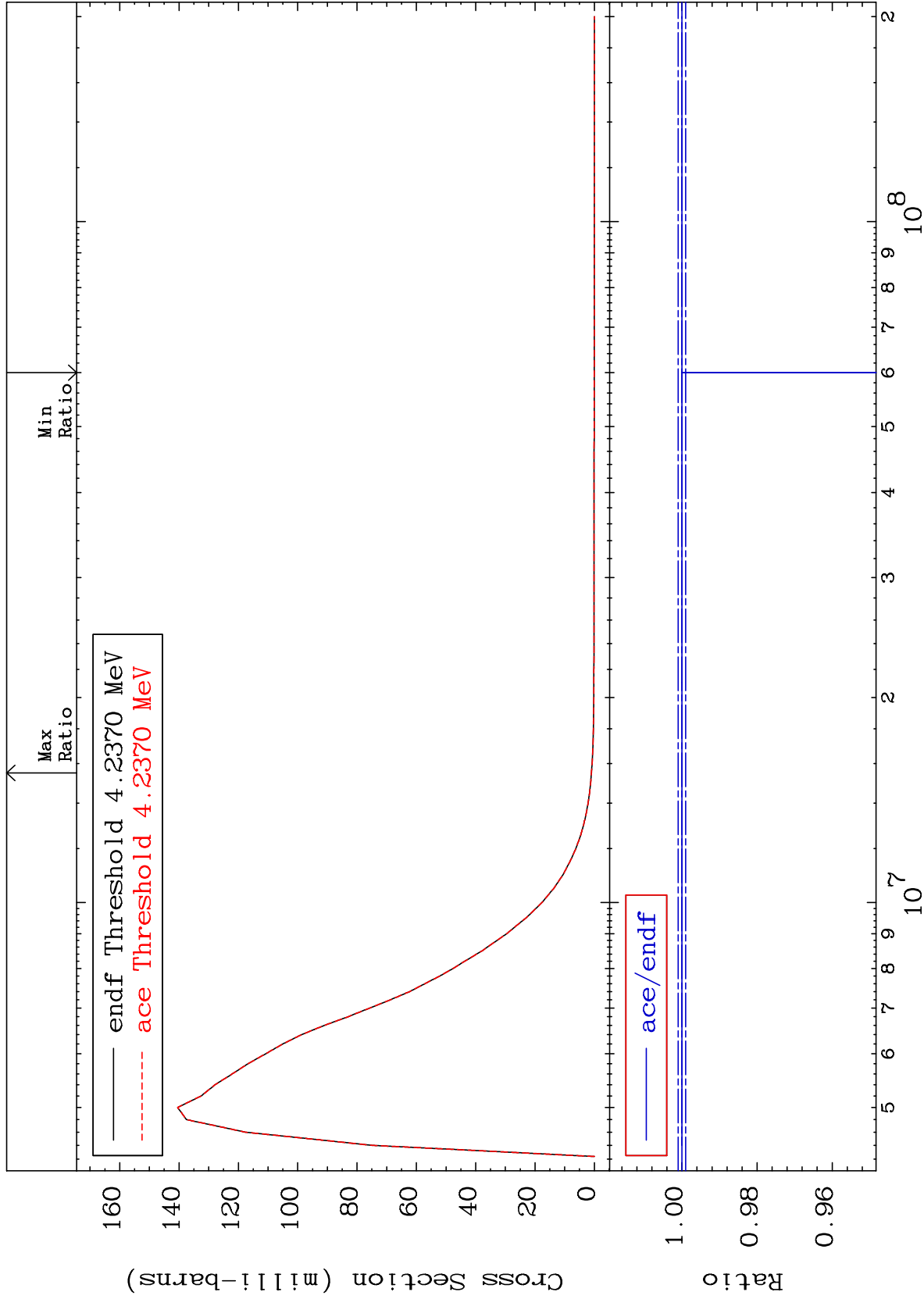
24

16-S -34

MAT 1631

4.115 MeV (n,n') Level  
Cross Section

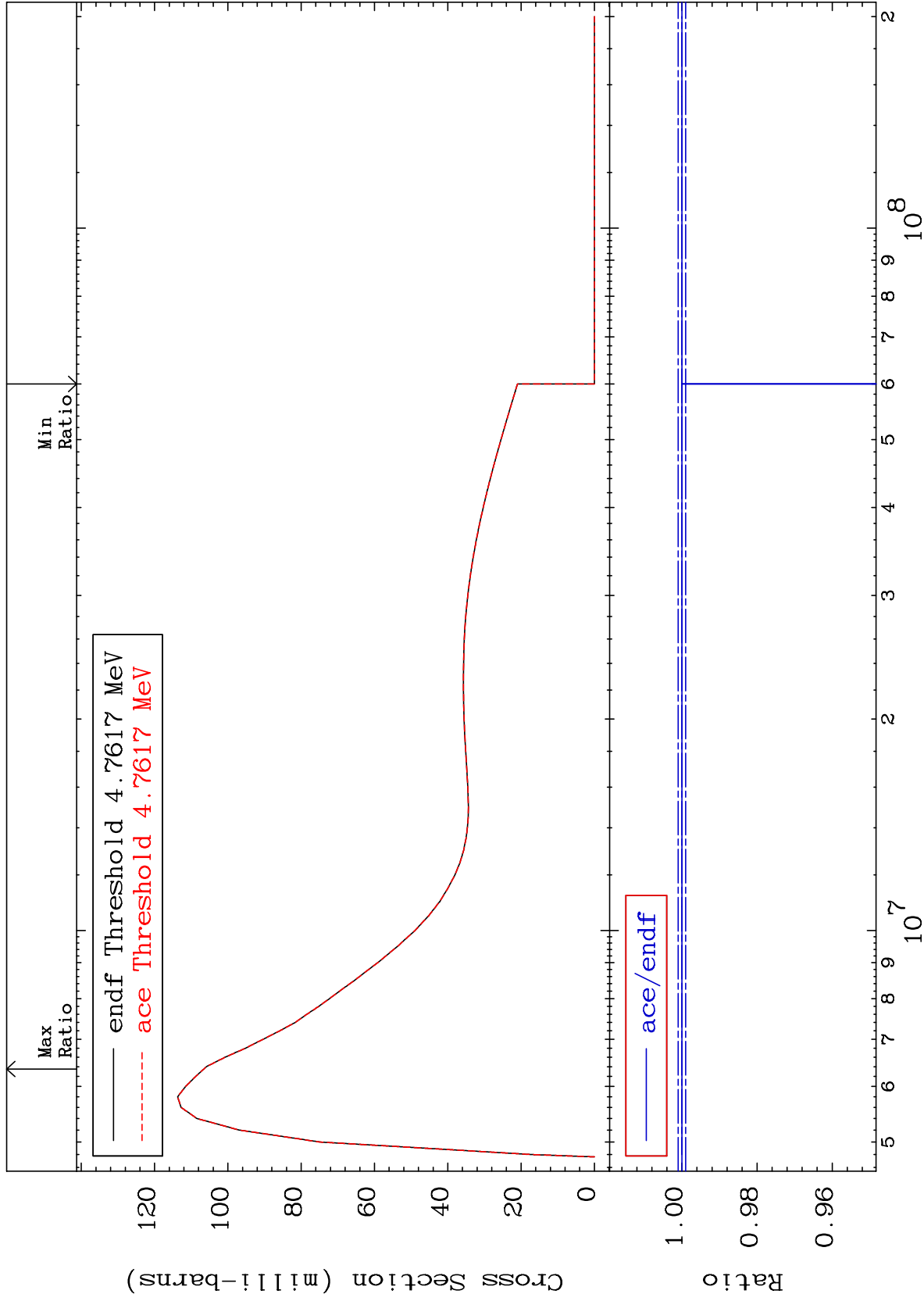
16-S -34  
-100.0 To 0.000 %



MAT 1631

4.624 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



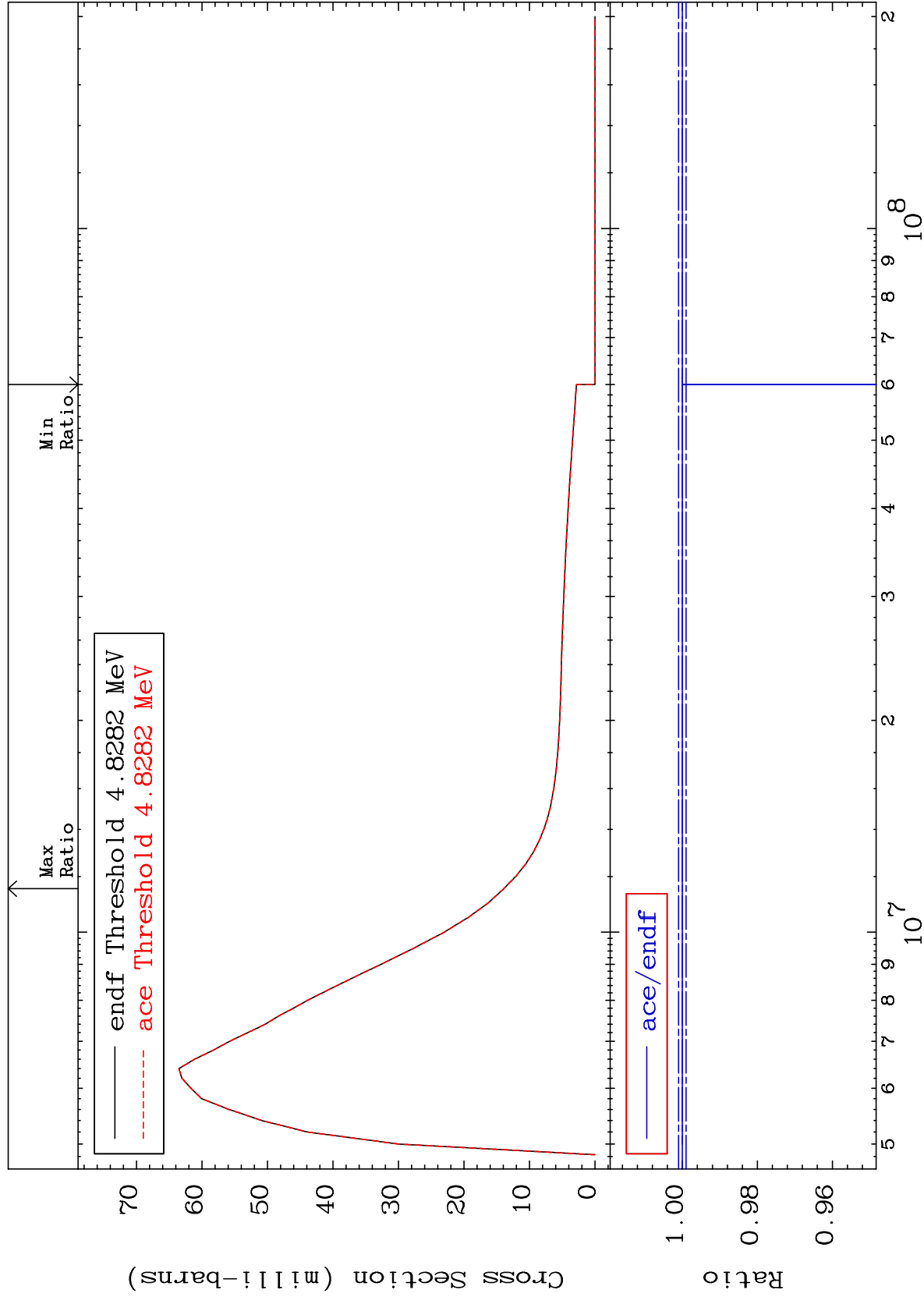
26

16-S -34

MAT 1631

4.689 MeV (n,n') Level  
Cross Section

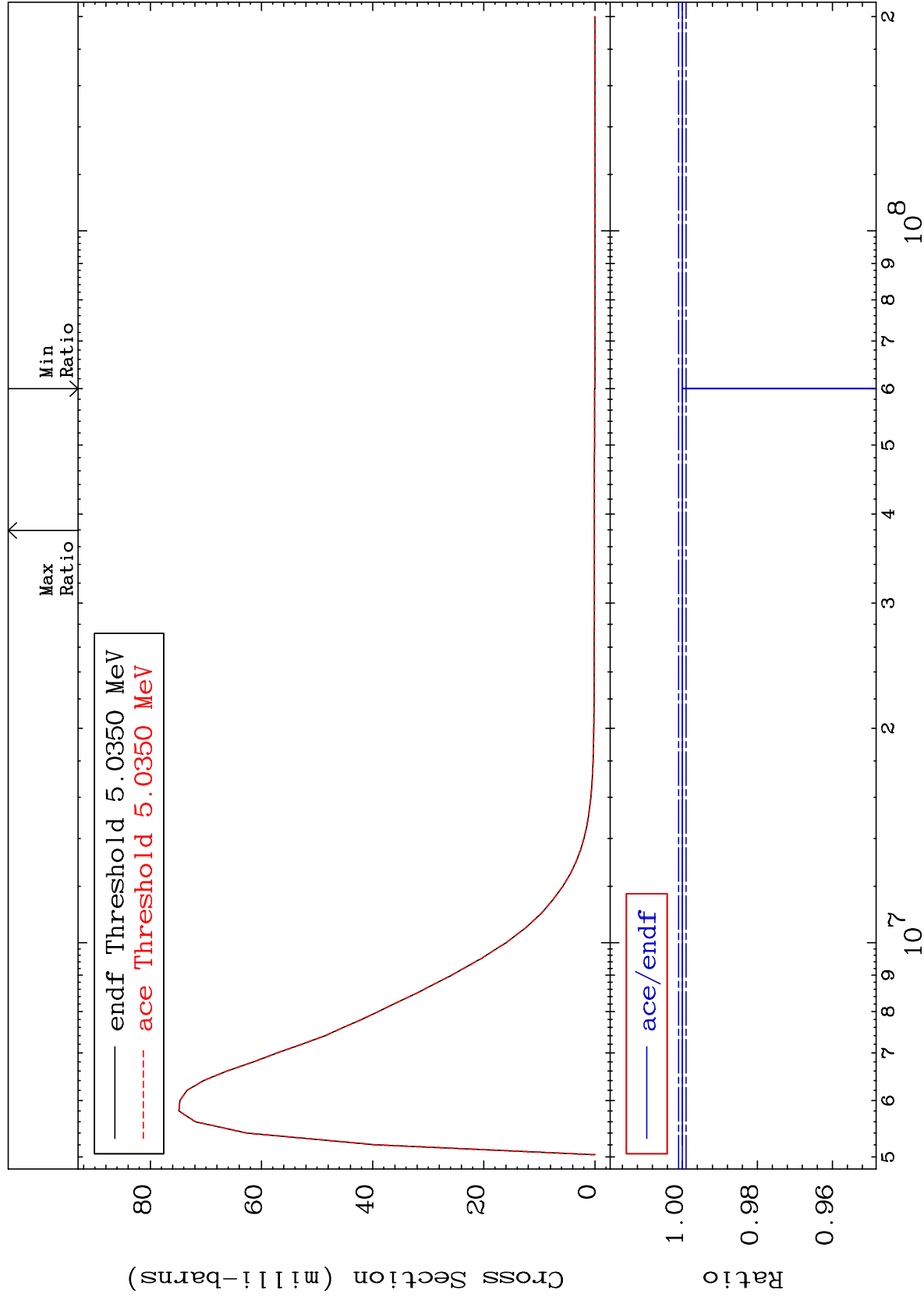
16-S -34  
-100.0 To 0.000 %



MAT 1631

4.890 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



28

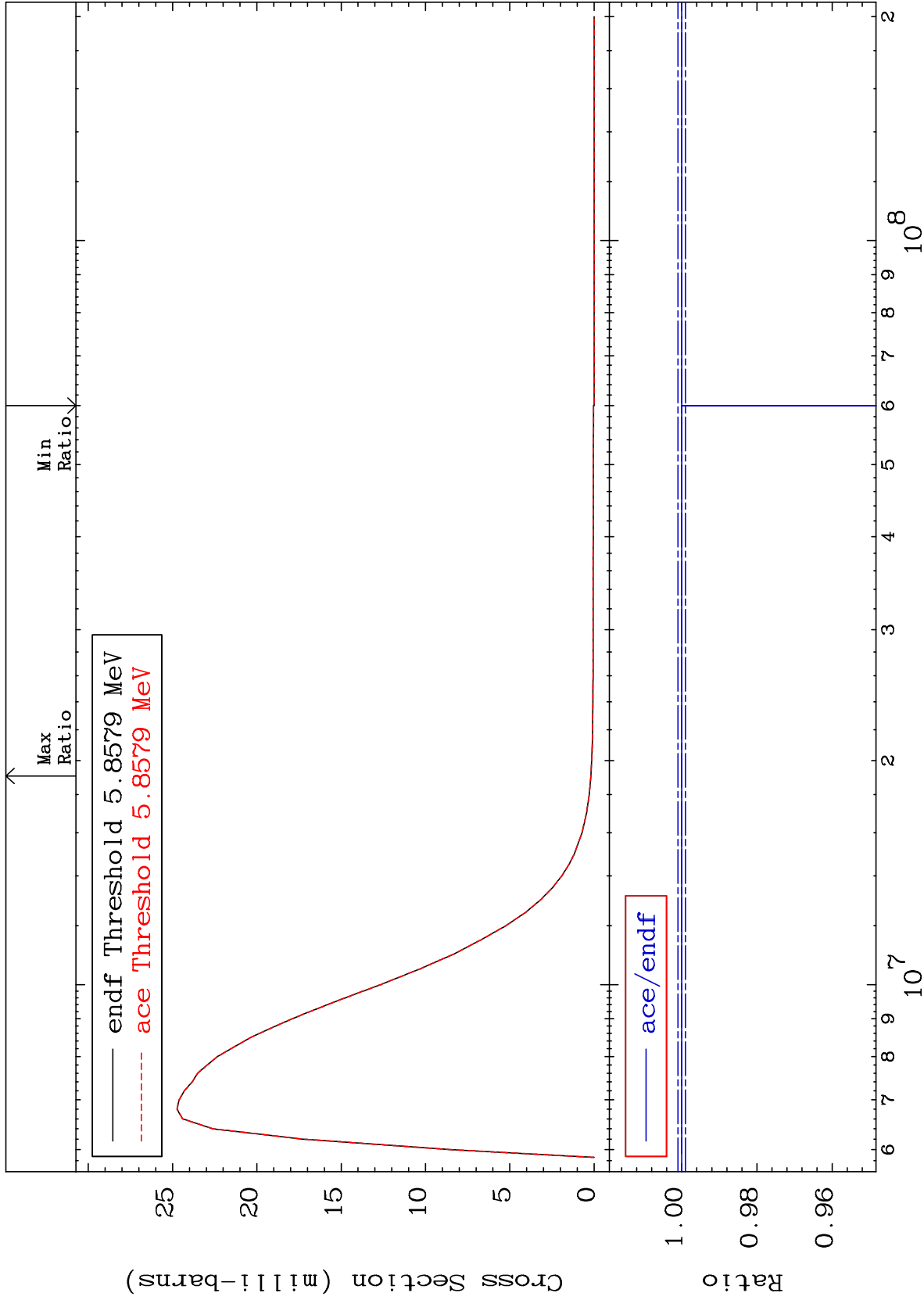
Incident Energy (eV)

16-S -34

MAT 1631

5.689 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



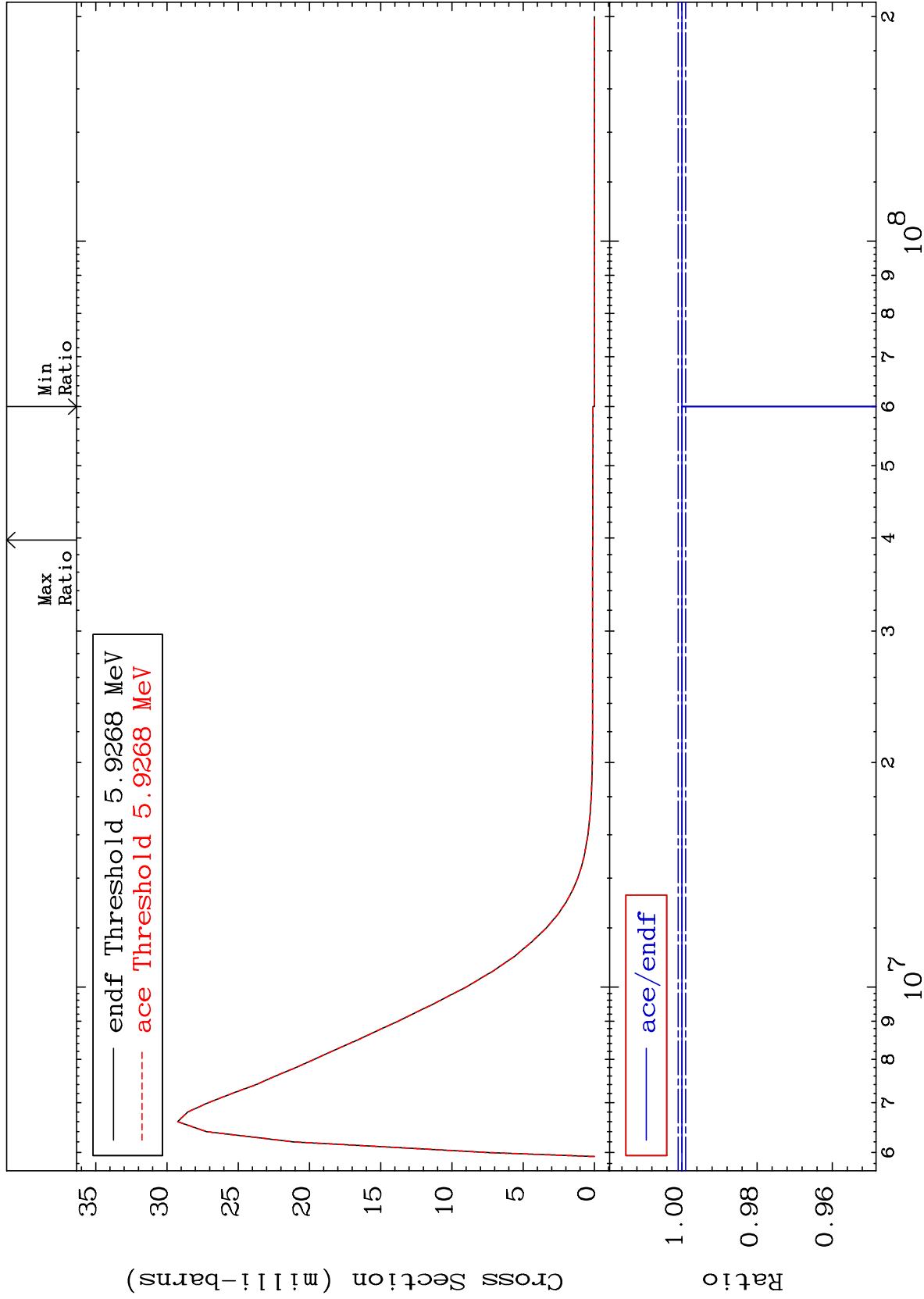
29

16-S -34

MAT 1631

5.756 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



30

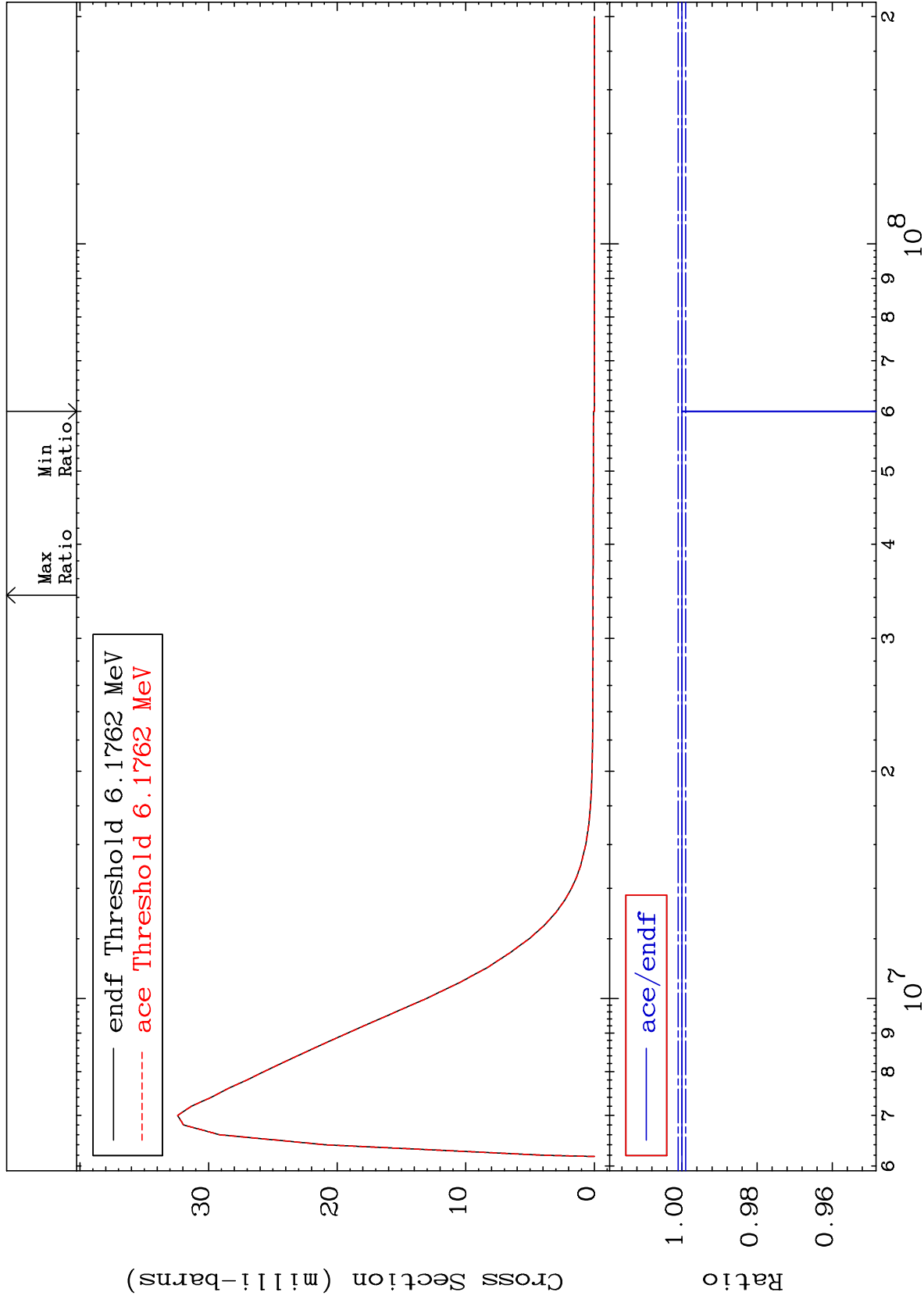
Incident Energy (eV)

16-S -34

MAT 1631

5.998 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %

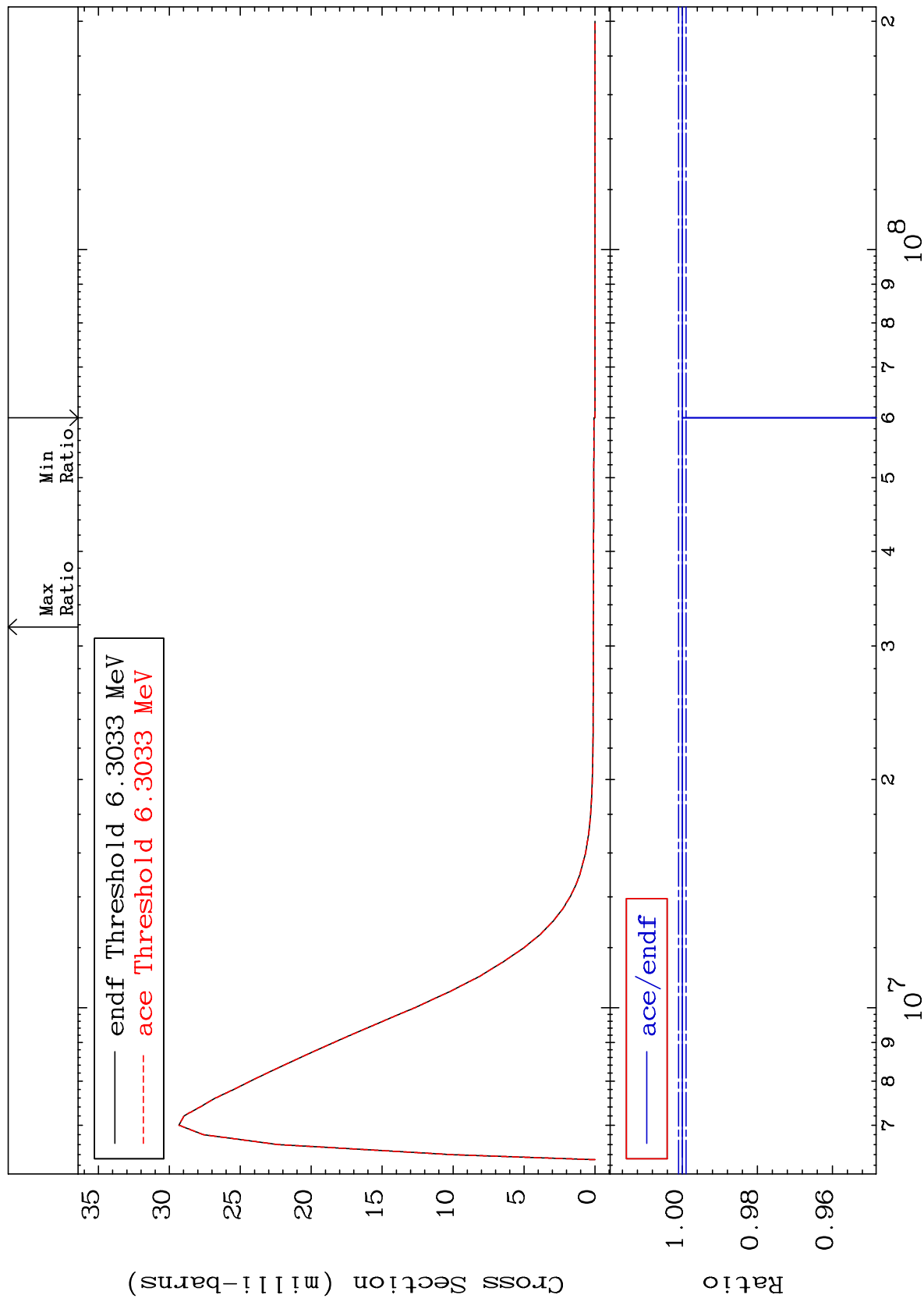




MAT 1631

6.121 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



32

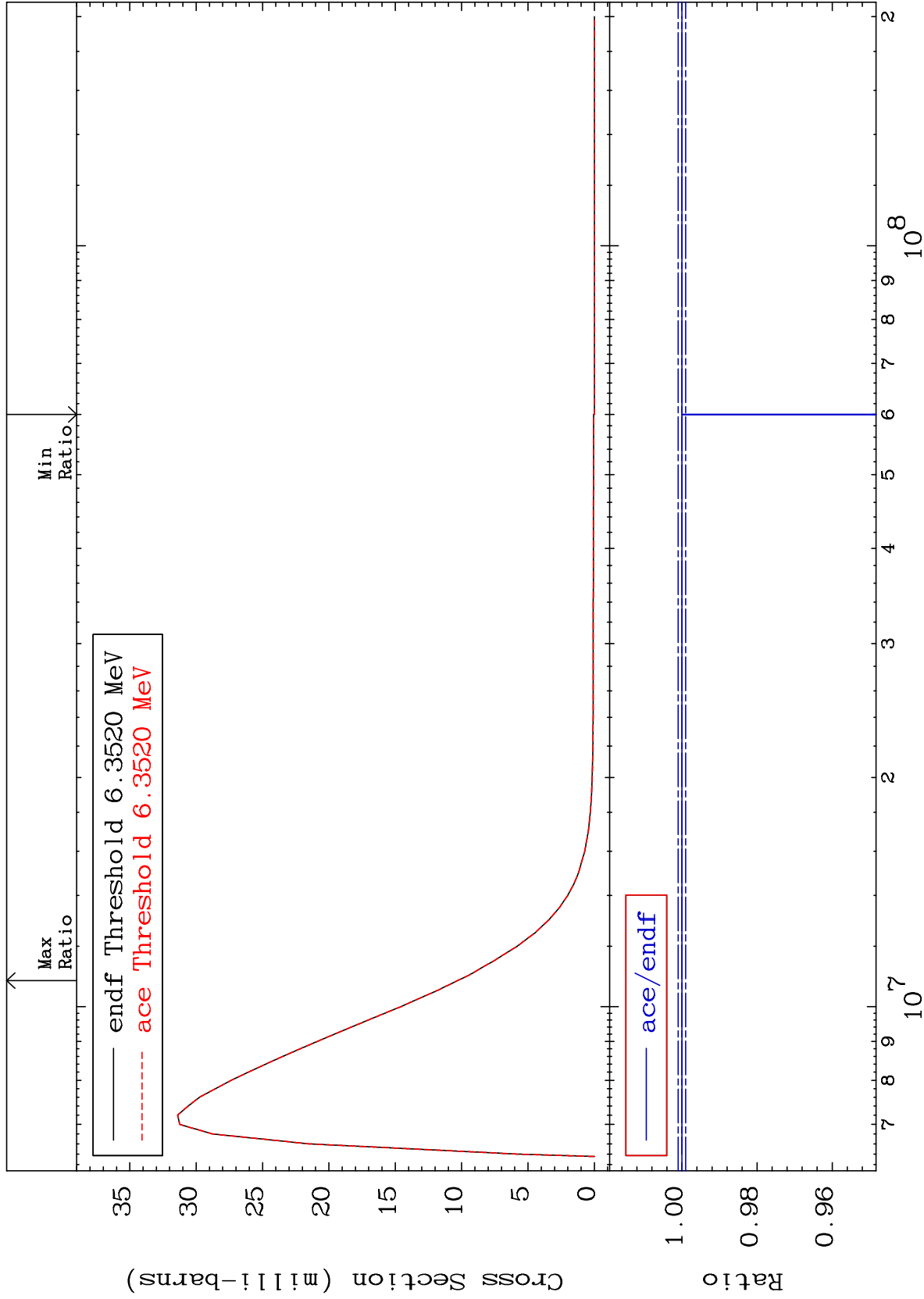
Incident Energy (eV)

16-S -34

MAT 1631

6.169 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



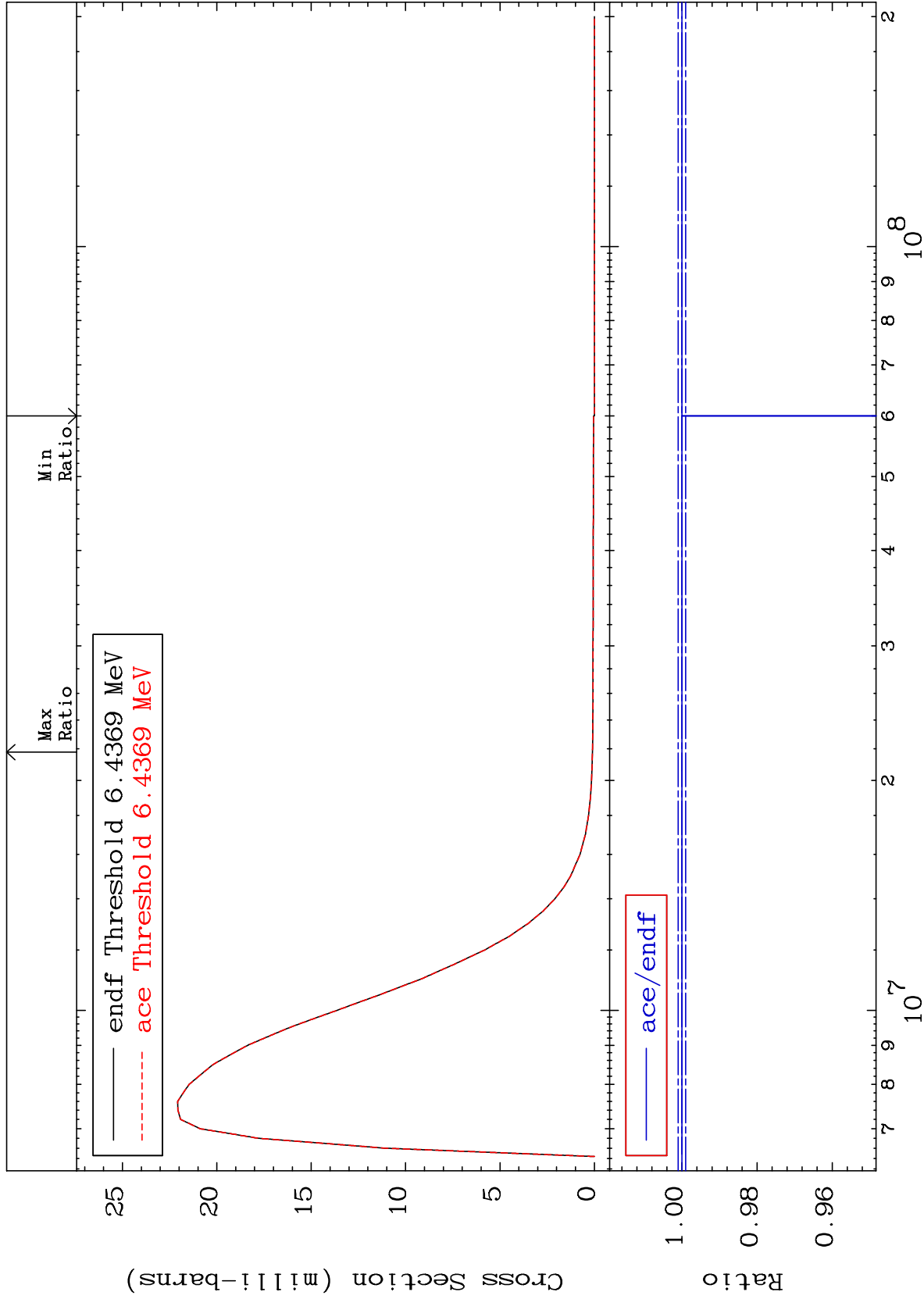
33

16-S -34

MAT 1631

6.251 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



34

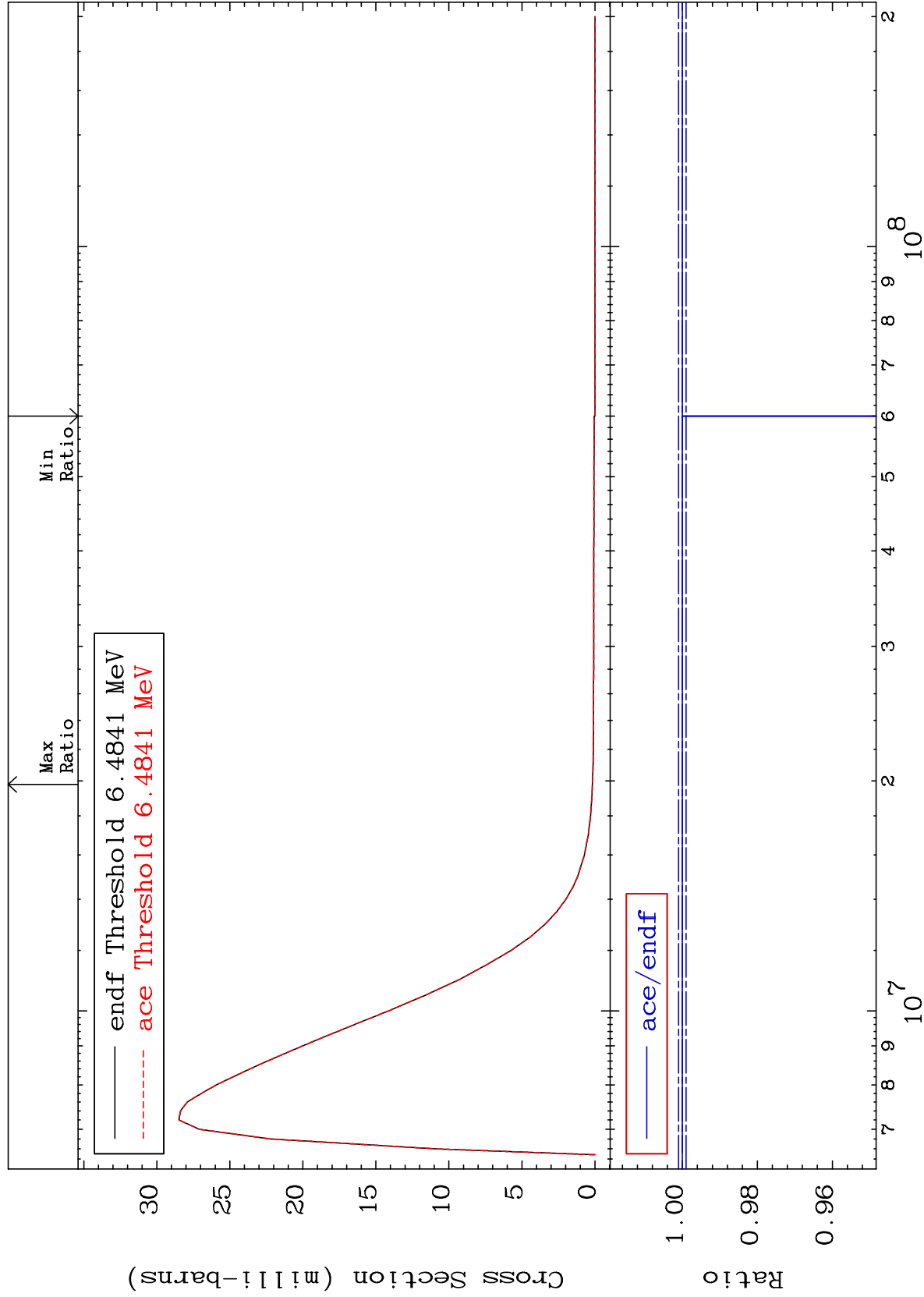
Incident Energy (eV)

16-S -34

MAT 1631

6.297 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



35

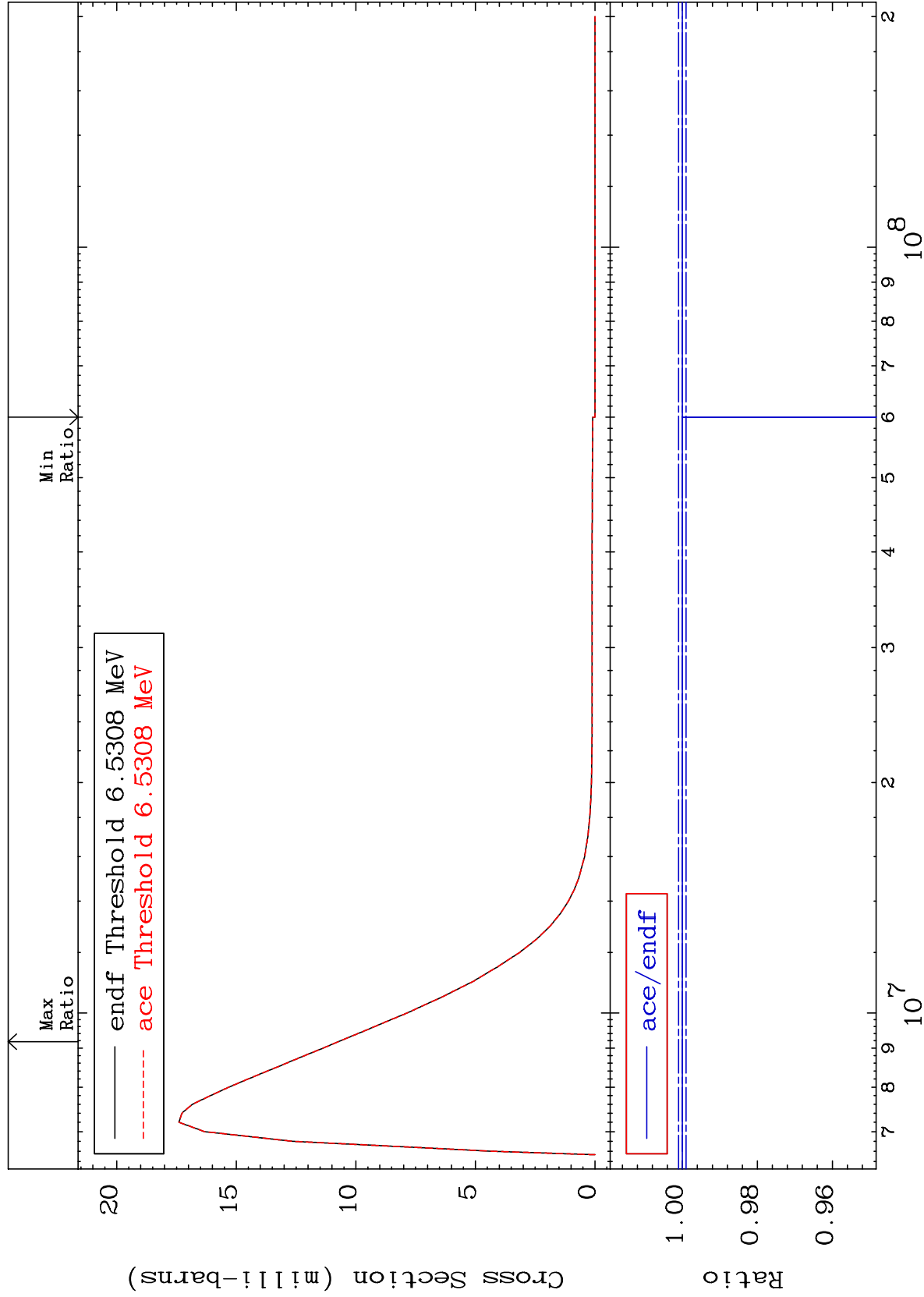
Incident Energy (eV)

16-S -34

MAT 1631

6.342 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



36

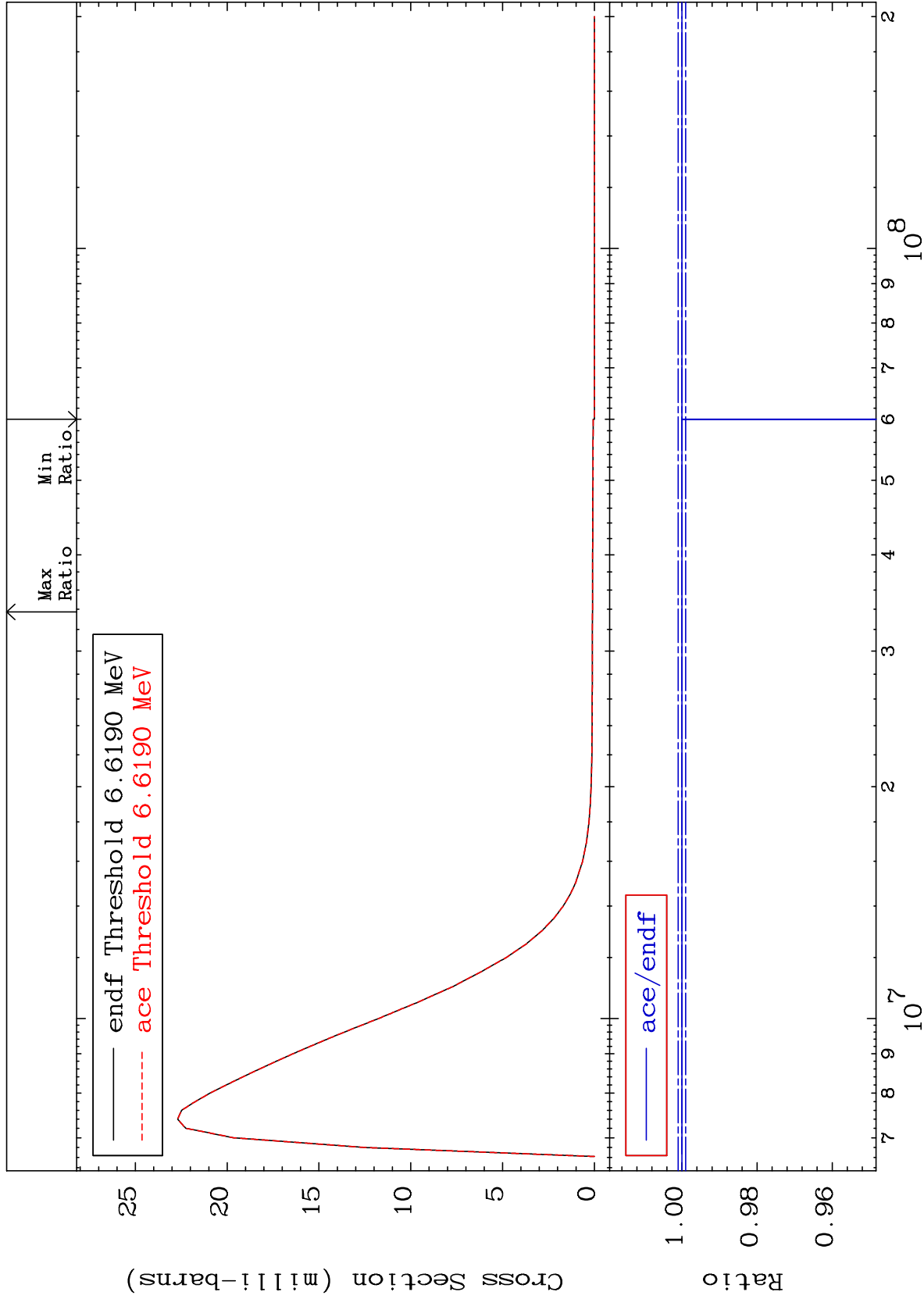
Incident Energy (eV)

16-S -34

MAT 1631

6.428 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



37

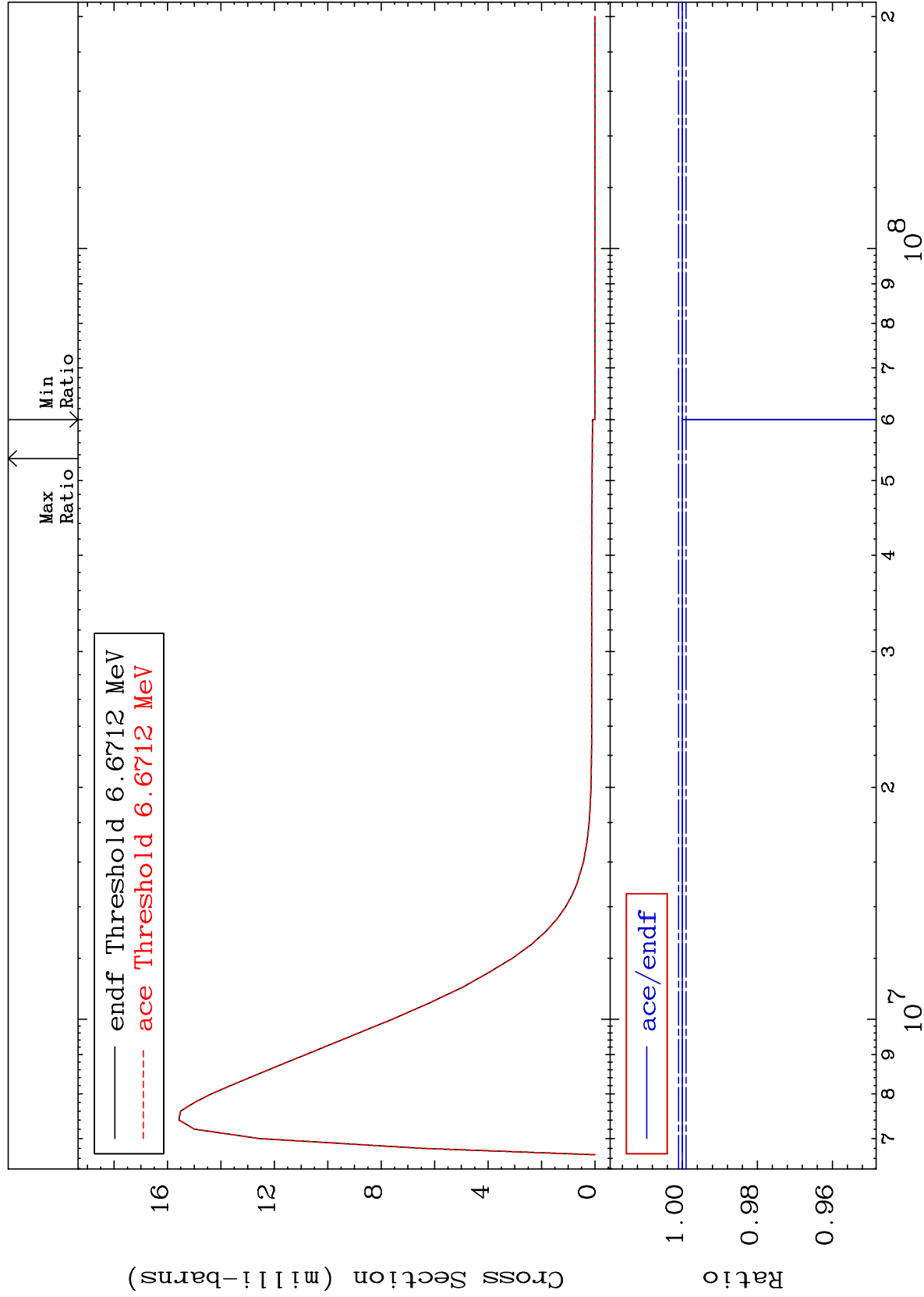
Incident Energy (eV)

16-S -34

MAT 1631

6.479 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



38

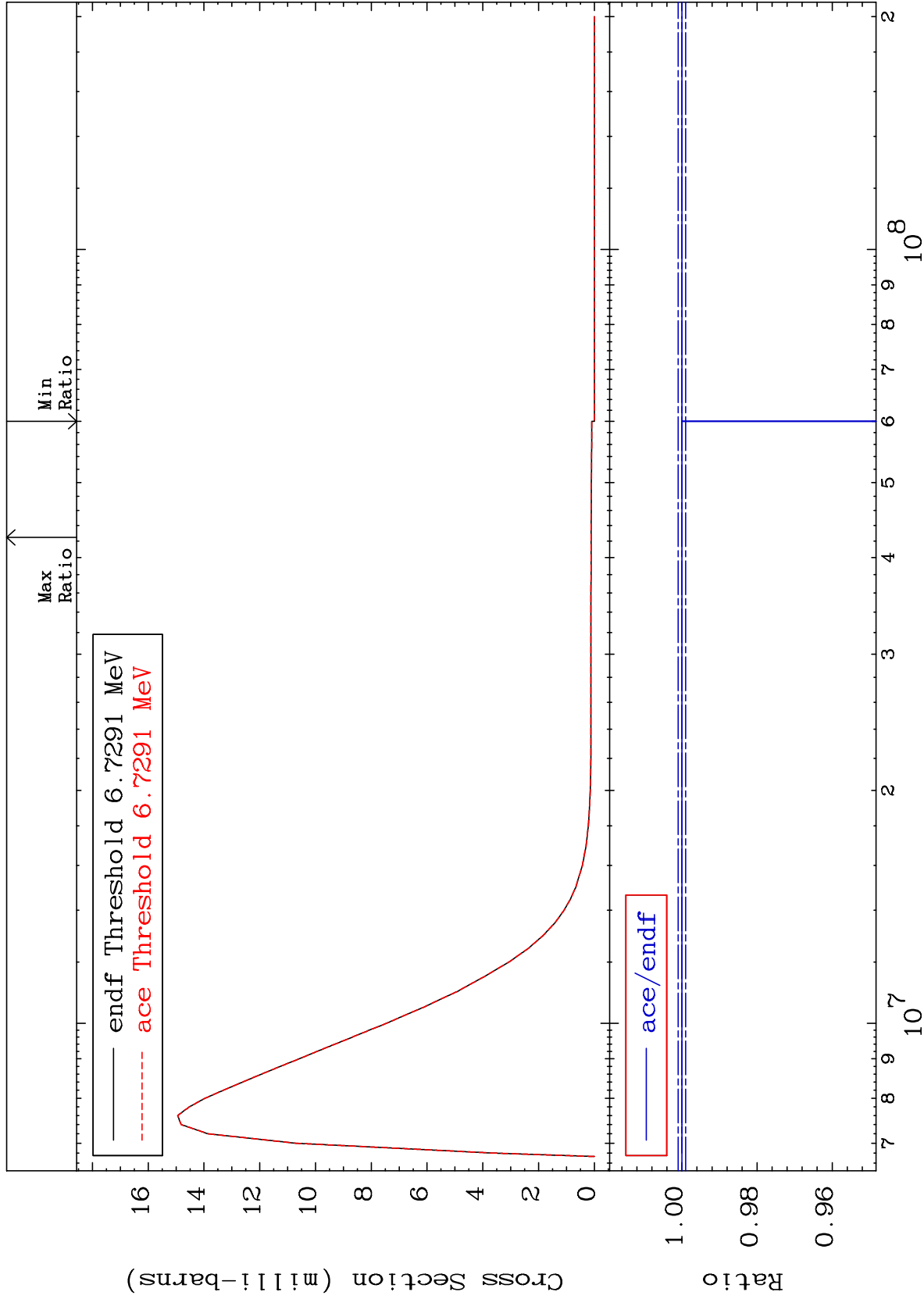
Incident Energy (eV)

16-S -34

MAT 1631

6.535 MeV (n,n') Level  
Cross Section

16-S -34  
-100.0 To 0.000 %



39

Incident Energy (eV)

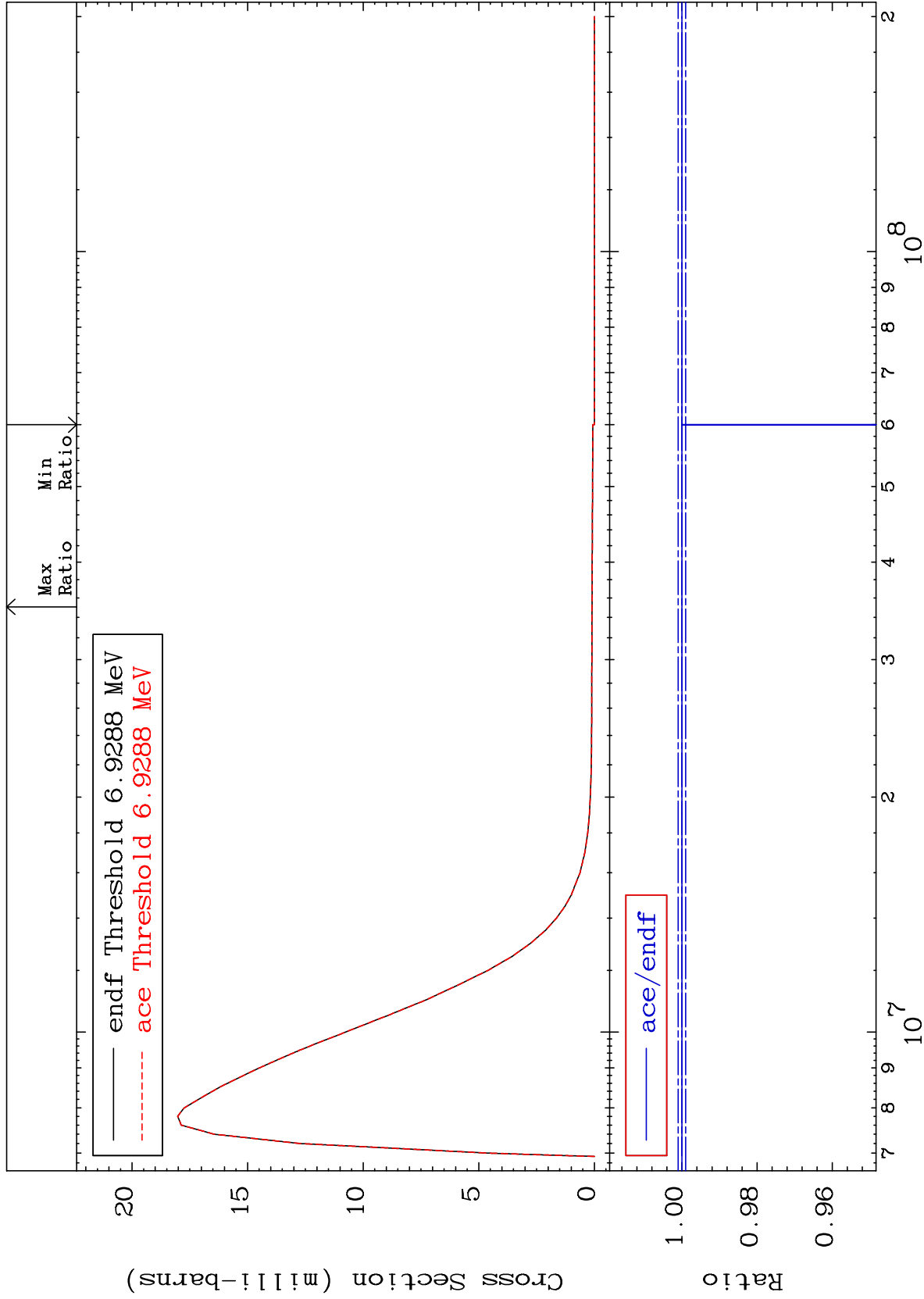
16-S -34



MAT 1631

6.729 MeV (n,n') Level  
Cross Section

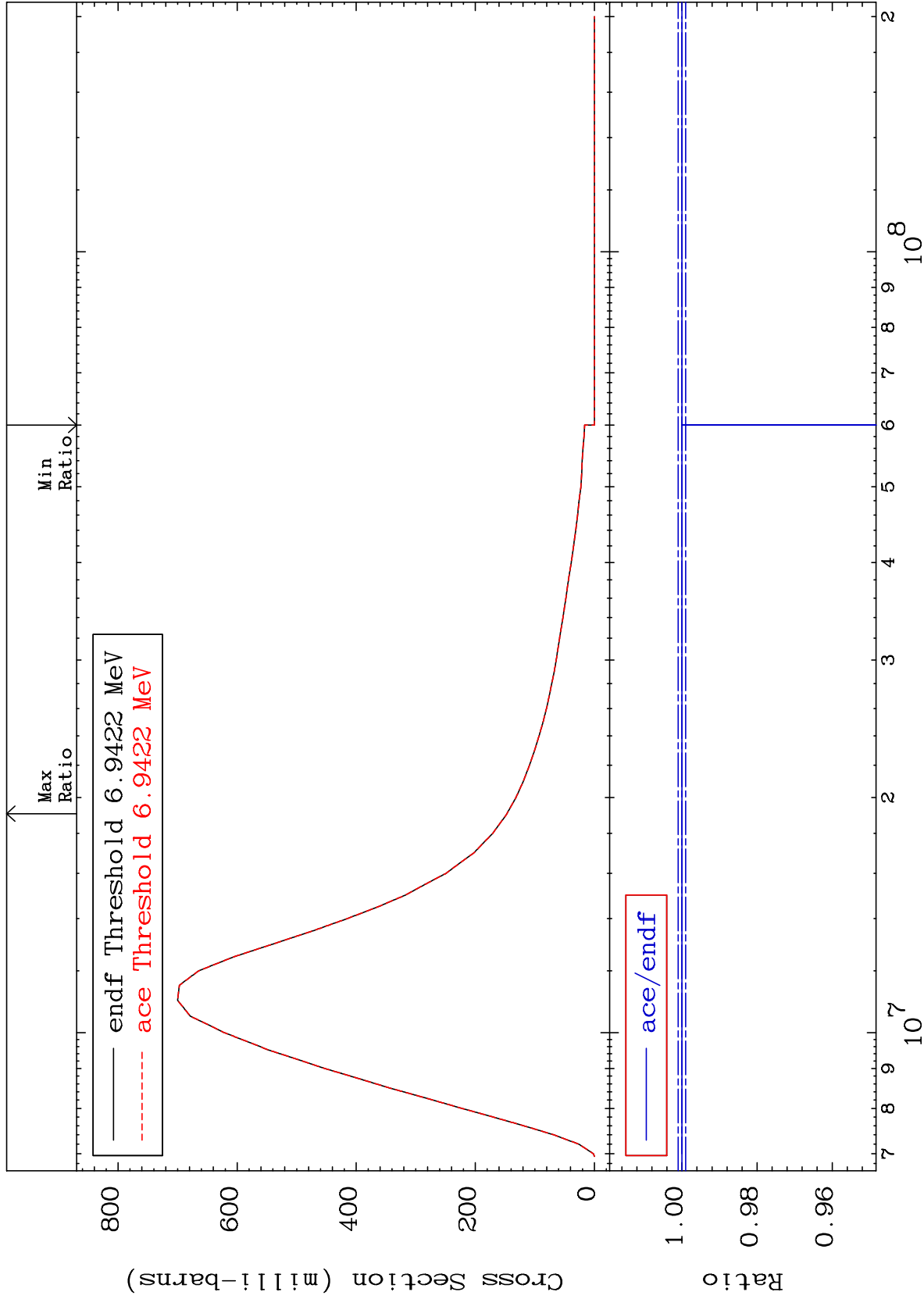
16-S -34  
-100.0 To 0.000 %



MAT 1631

(n,n') Continuum  
Cross Section

16-S -34  
-100.0 To 0.000 %



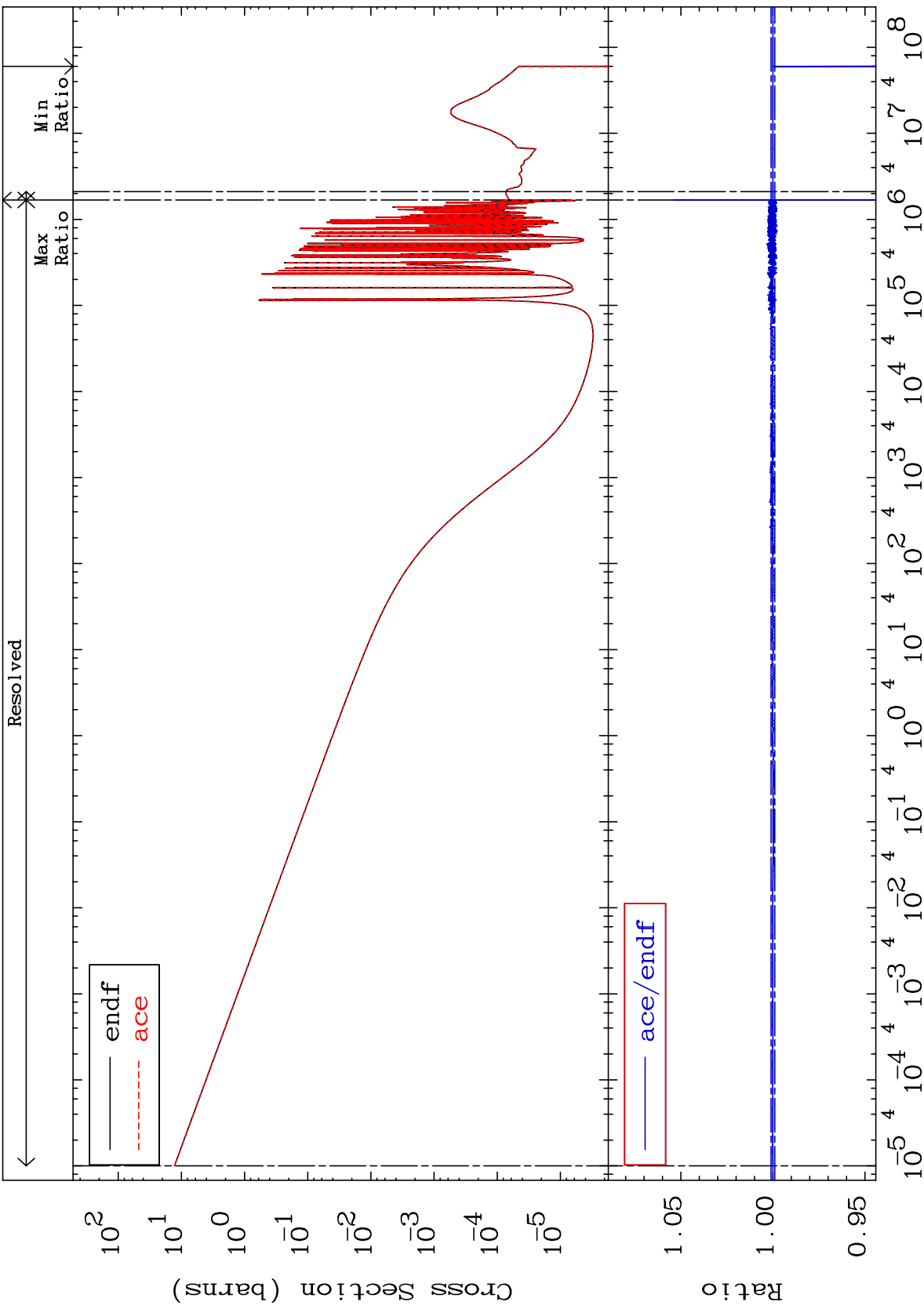
41

16-S -34

MAT 1631

(n,  $\gamma$ )  
Cross Section

16-S -34  
-100.0 To 5.381 %



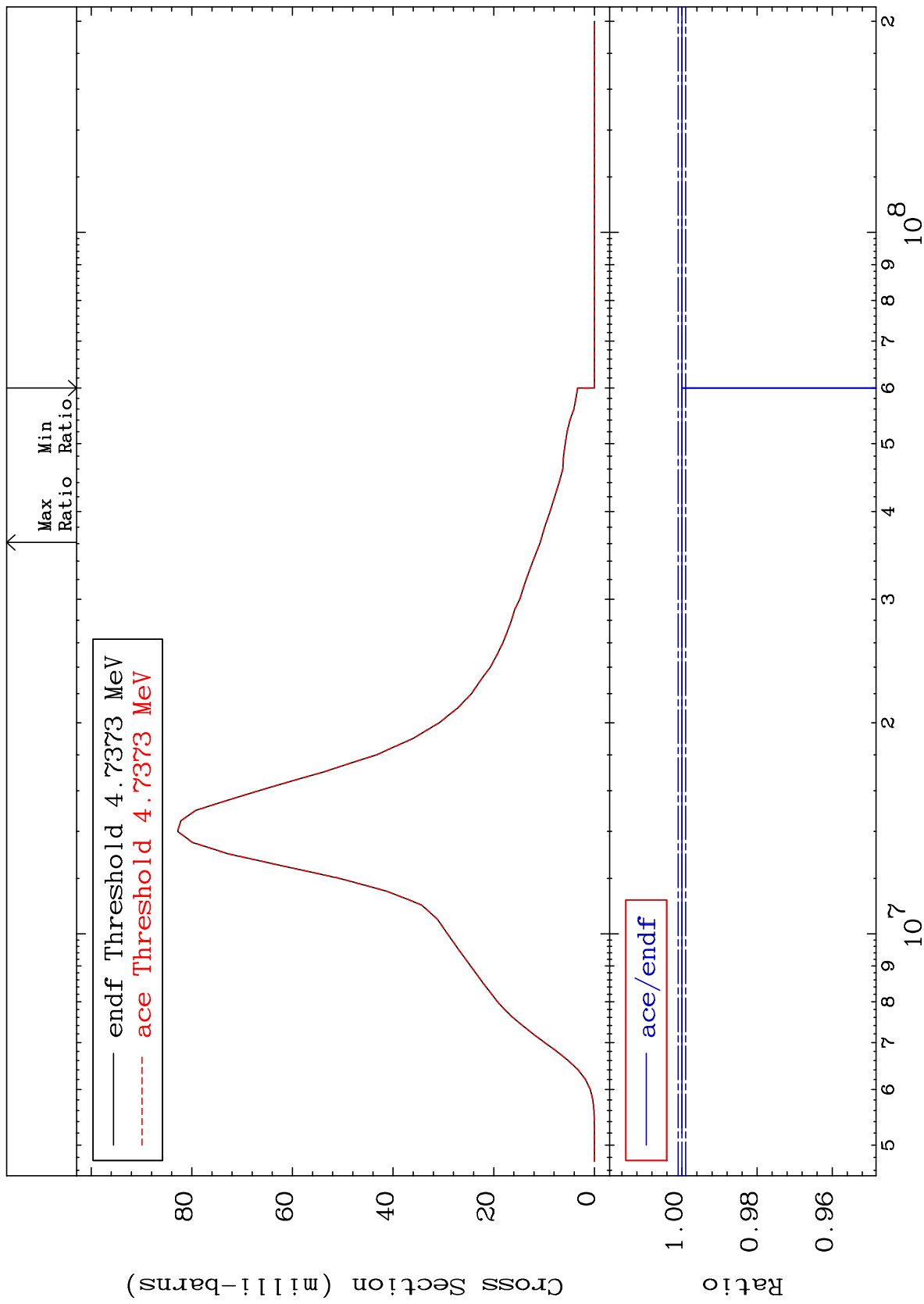
42

Incident Energy (eV)

16-S -34

MAT 1631

(n,p)  
Cross Section  
16-S -34  
-100.0 To 0.000 %



43

Incident Energy (eV)

16-S -34

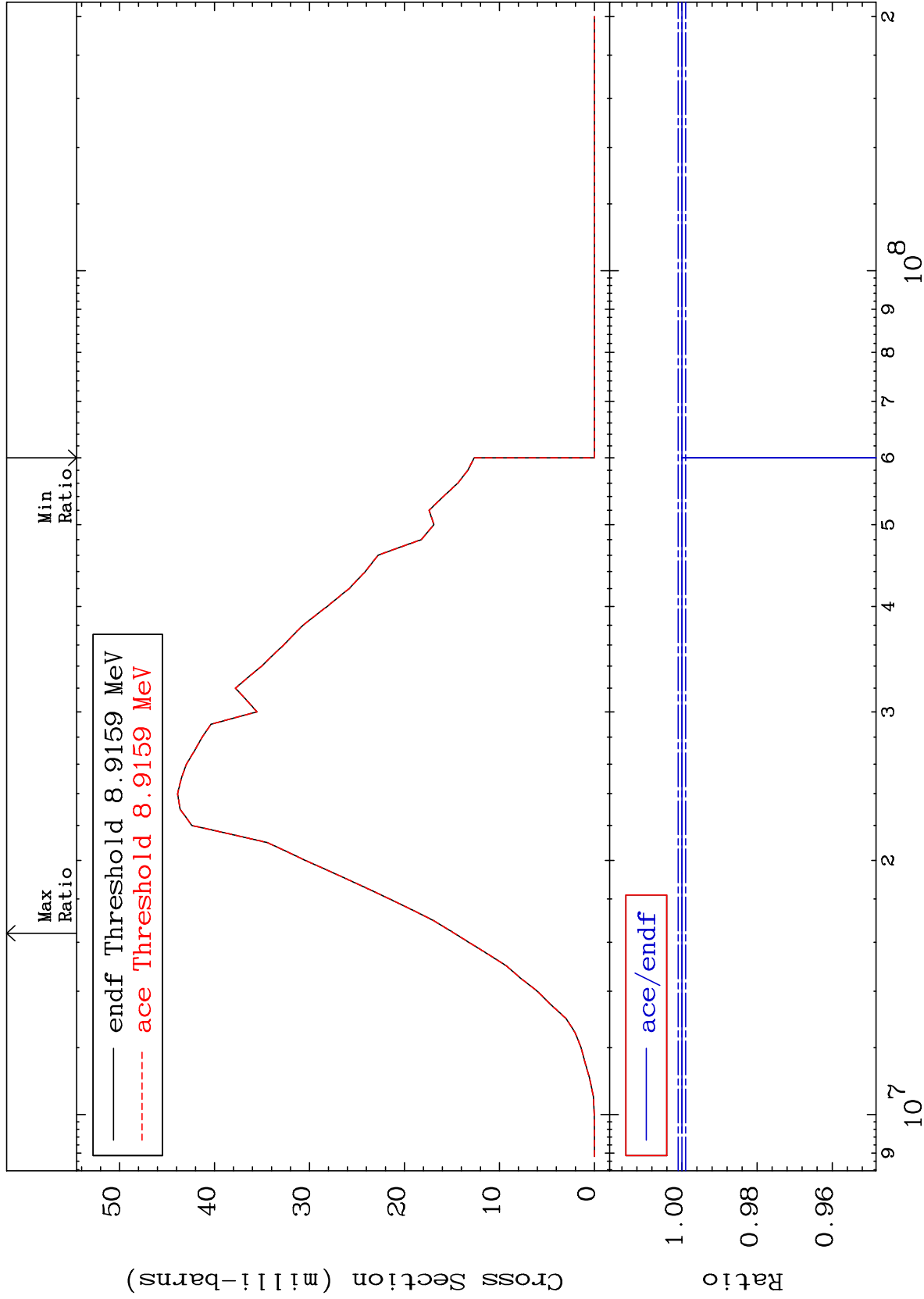
MAT 1631

(n,d)

16-S -34

Cross Section

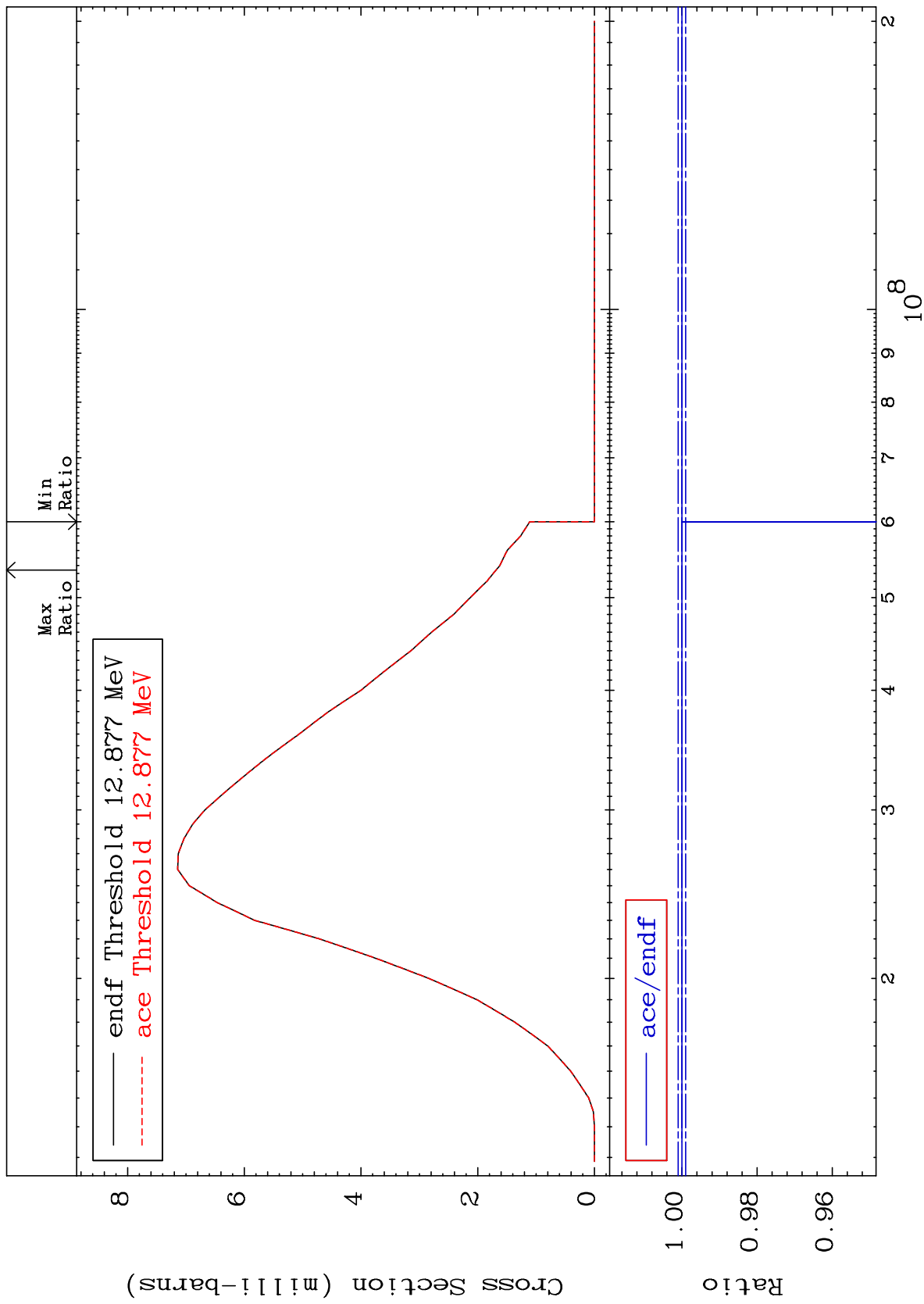
-100.0 To 0.000 %



44

MAT 1631

(n, t)  
Cross Section  
16-S -34  
-100.0 To 0.000 %



45

16-S -34

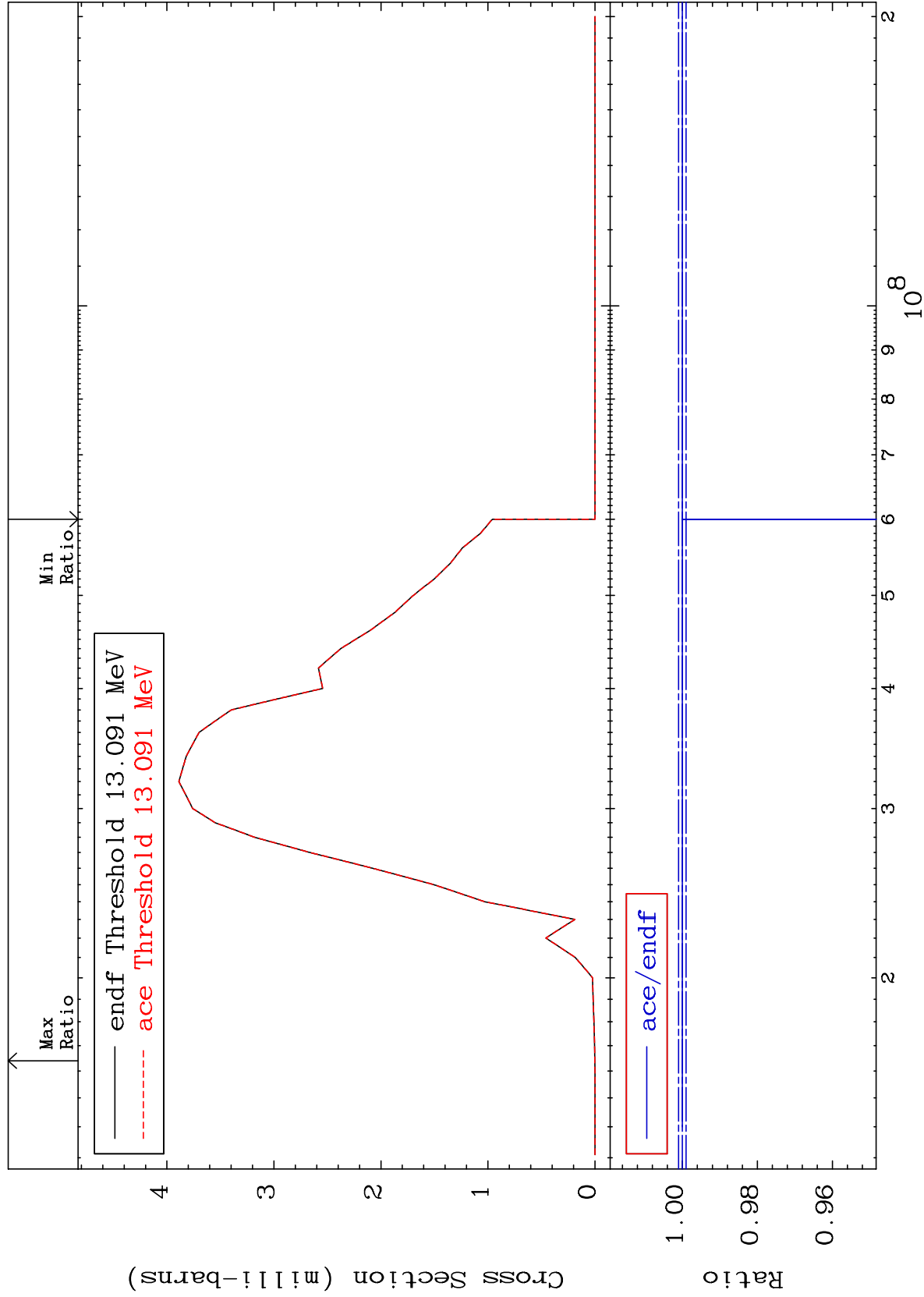
MAT 1631

(n, He-3)

16-S -34

Cross Section

-100.0 To 0.000 %



46

Incident Energy (eV)

16-S -34

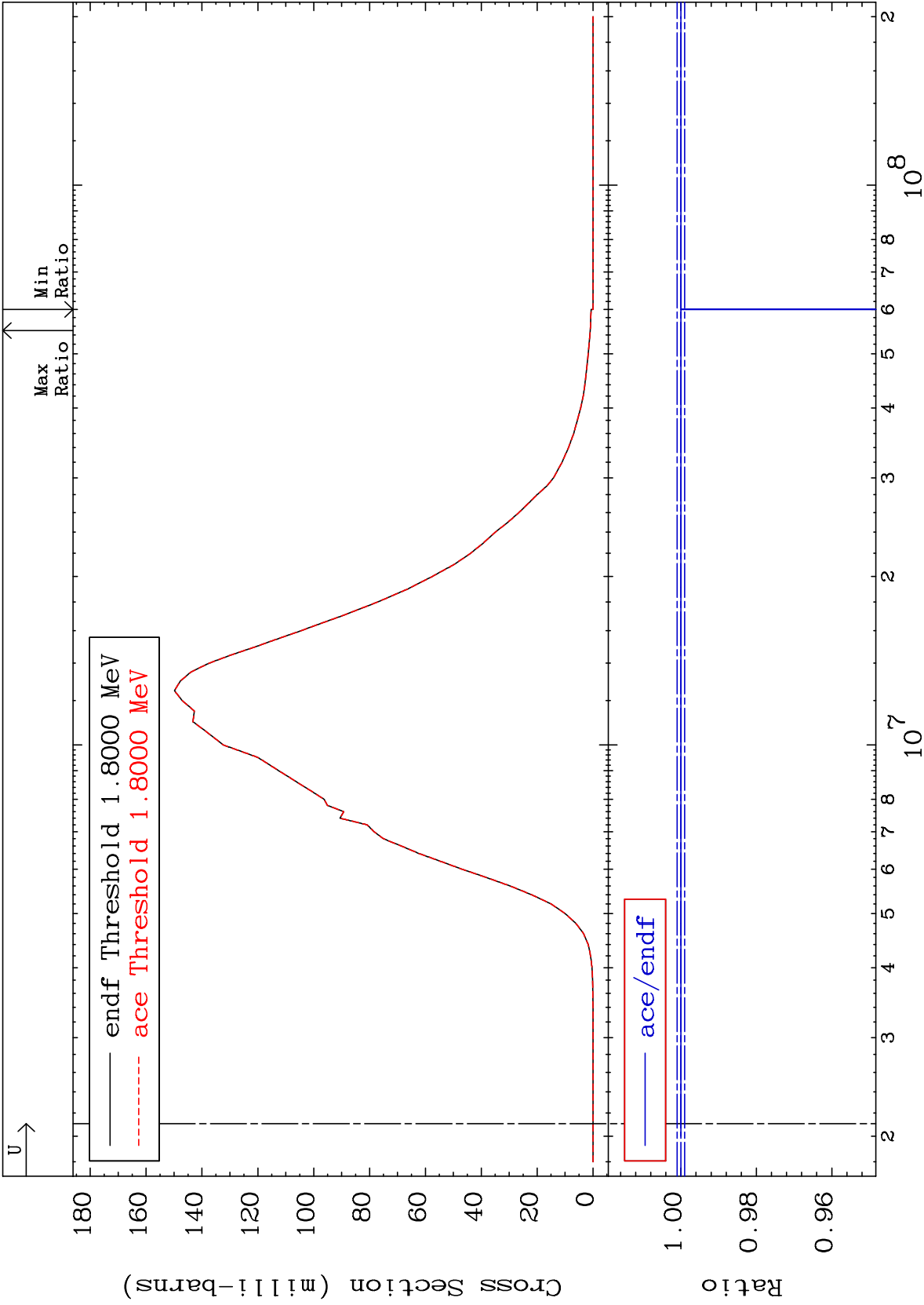
MAT 1631

(n,  $\alpha$ )

16-S -34

Cross Section

-100.0 To 0.000 %



47

Incident Energy (eV)

16-S -34

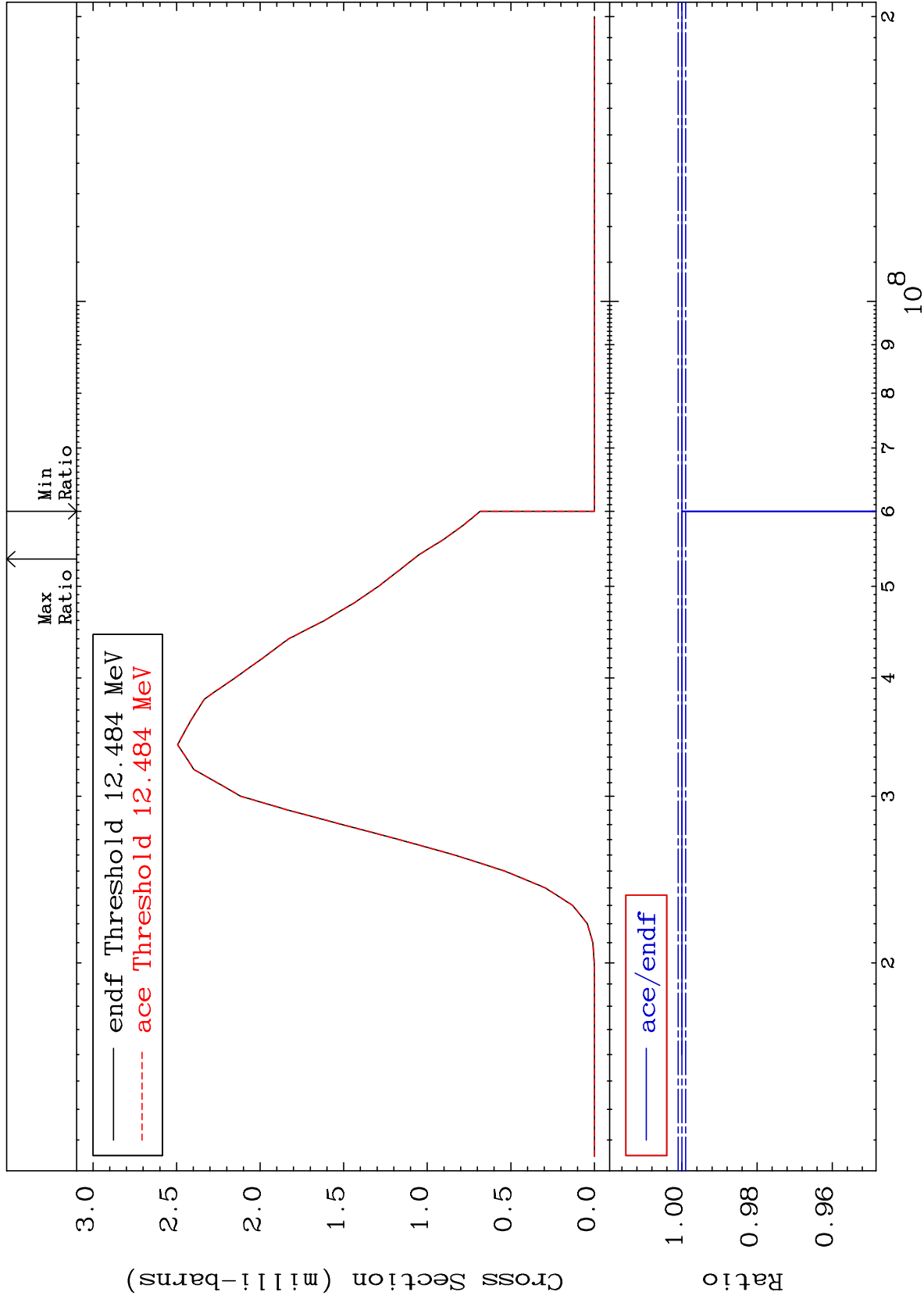


MAT 1631

(n, 2α)

16-S -34  
-100.0 To 0.000 %

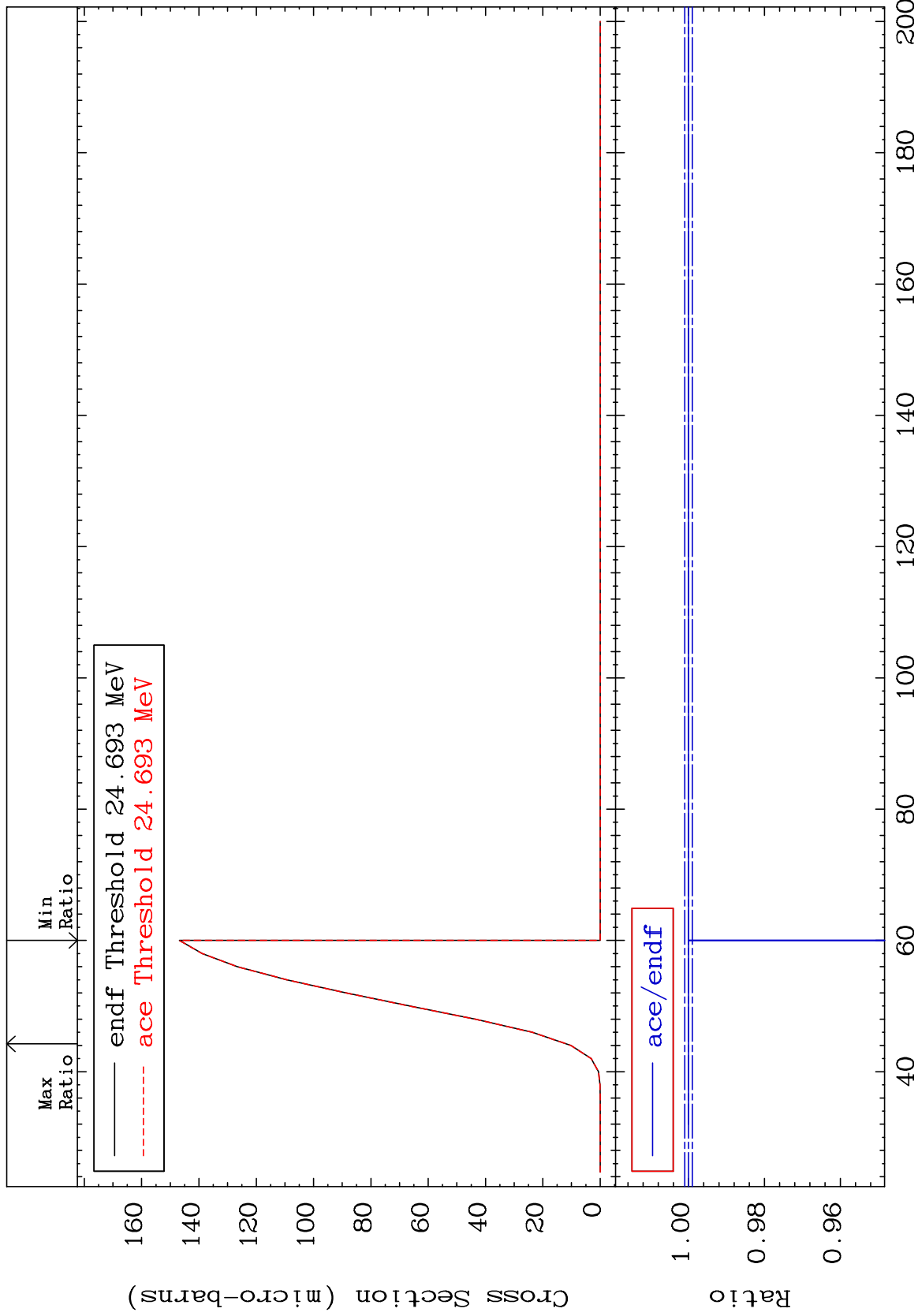
Cross Section



MAT 1631

(n, 3α)  
Cross Section

16-S -34  
-100.0 To 0.000 %



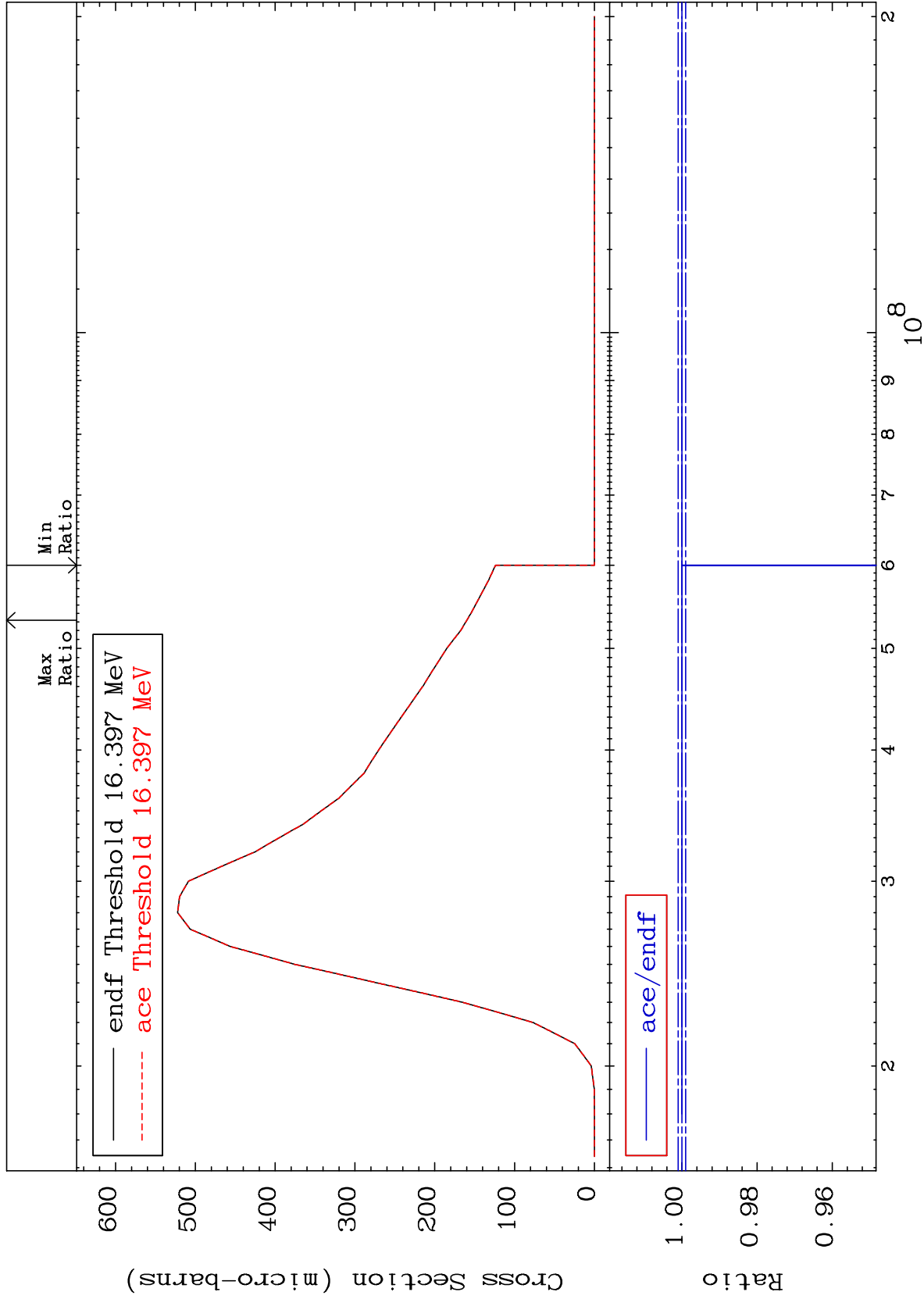
MAT 1631

(n,2p)

16-S -34

-100.0 To 0.000 %

Cross Section



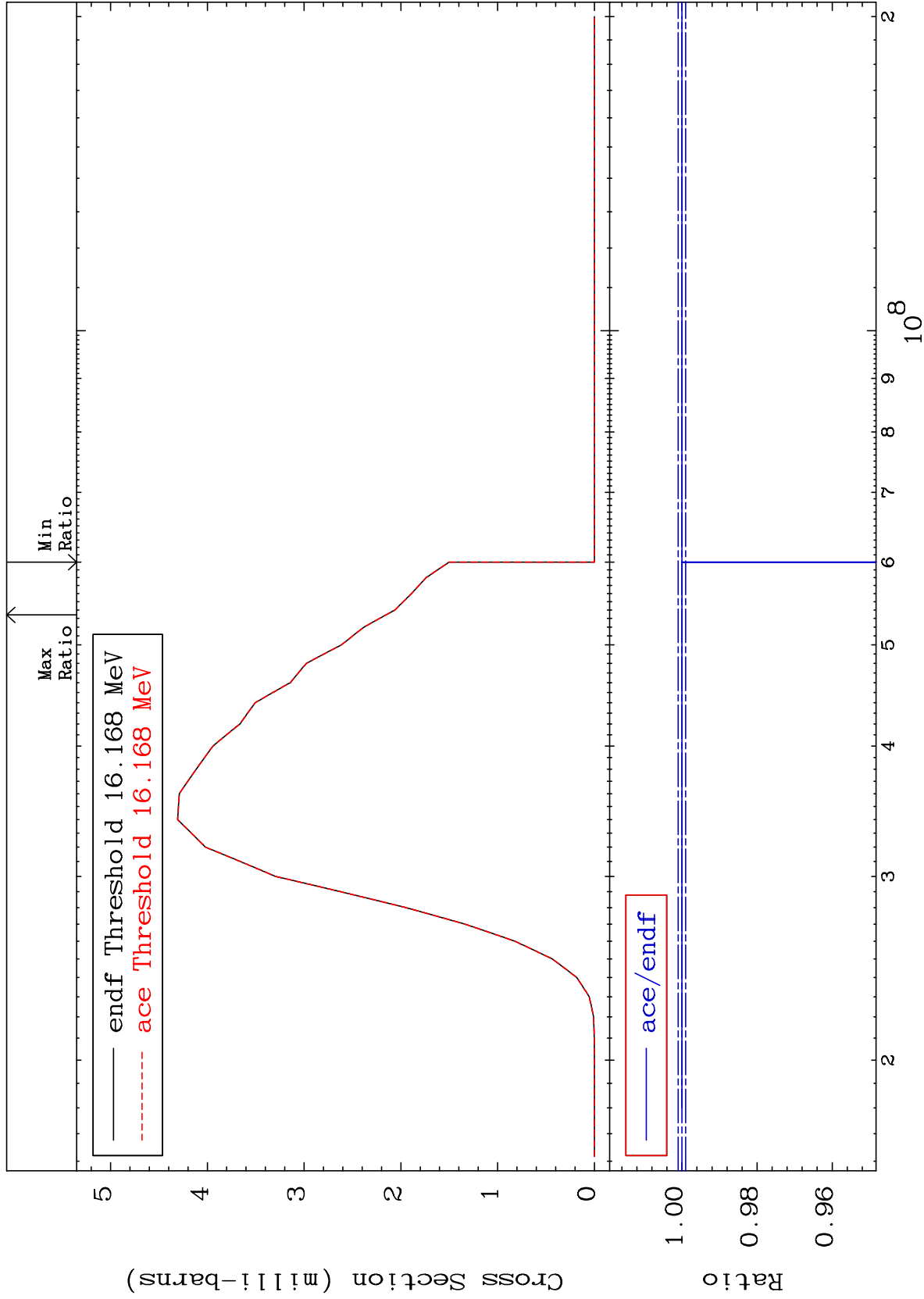
50

Incident Energy (eV)

16-S -34

MAT 1631

(n,p)  $\alpha$   
Cross Section  
16-S -34  
-100.0 To 0.000 %



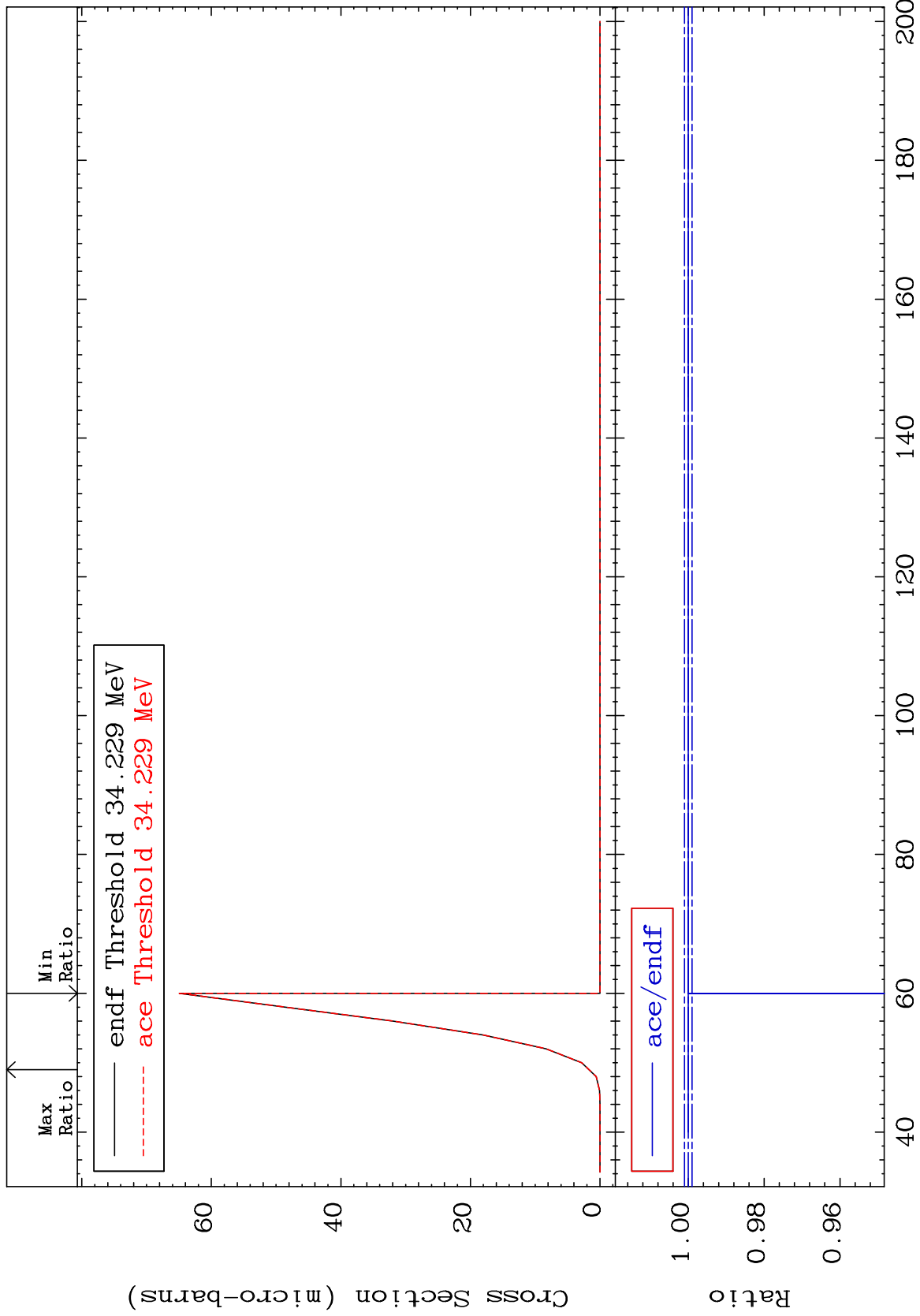
51

16-S -34

MAT 1631

(n, t)  $2\alpha$   
Cross Section

16-S -34  
-100.0 To 0.000 %



52

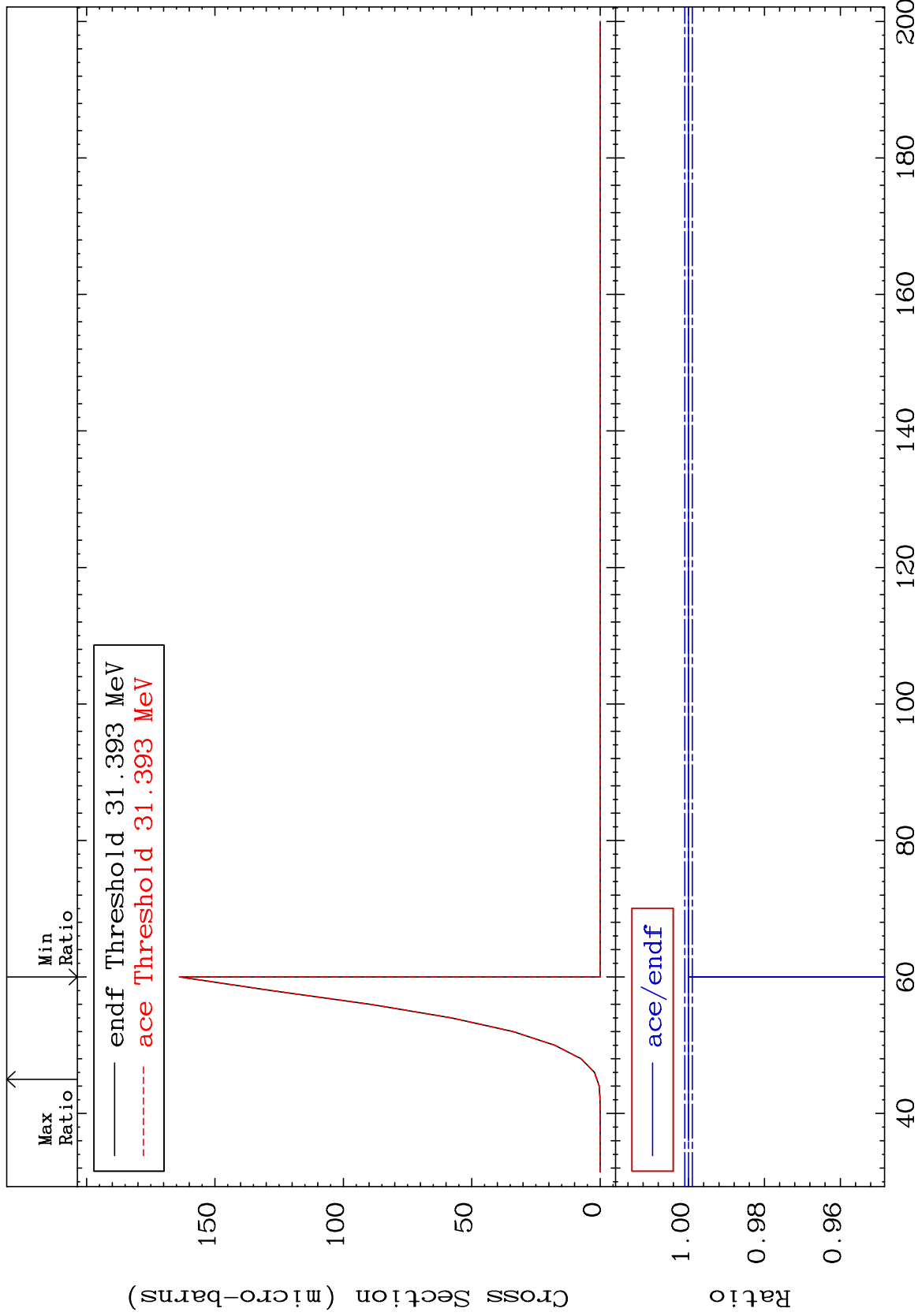
Incident Energy (MeV)

16-S -34

MAT 1631

(n, d)  $2\alpha$   
Cross Section

16-S -34  
-100.0 To 0.000 %



53

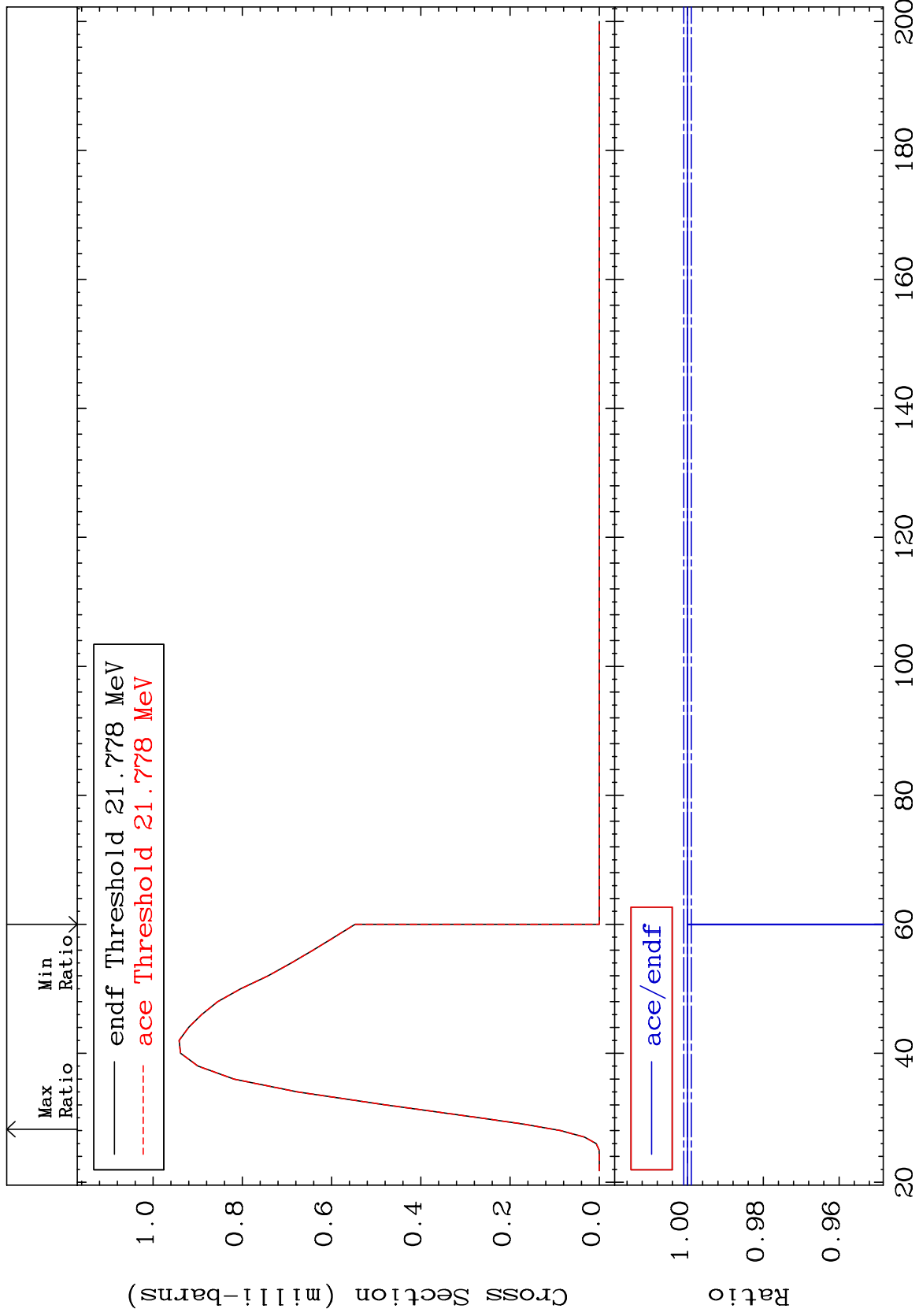
16-S -34



MAT 1631

(n,p) t  
Cross Section

16-S -34  
-100.0 To 0.000 %



55

Incident Energy (MeV)

16-S -34

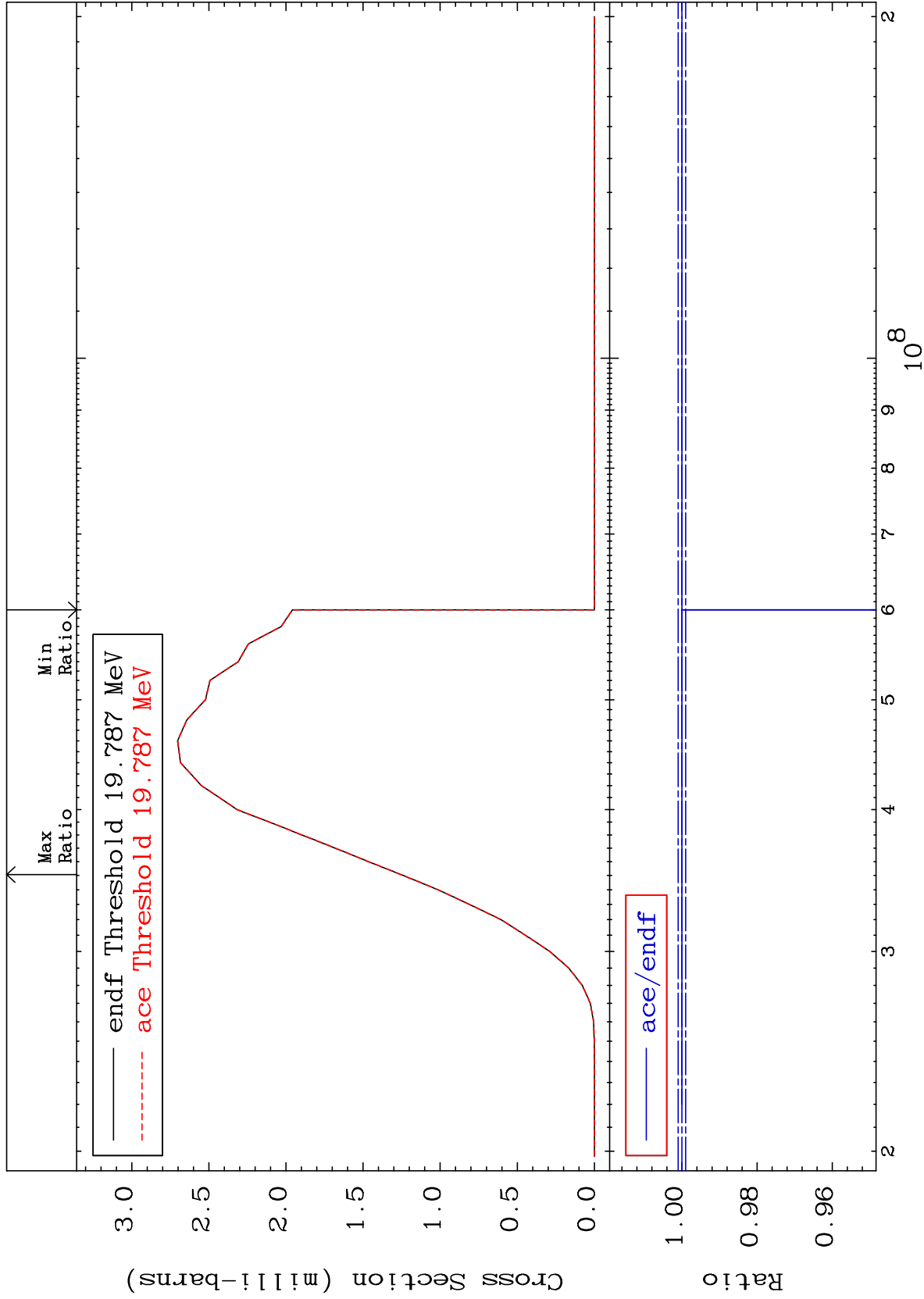


MAT 1631

(n,d)  $\alpha$

16-S -34  
-100.0 To 0.000 %

Cross Section



56

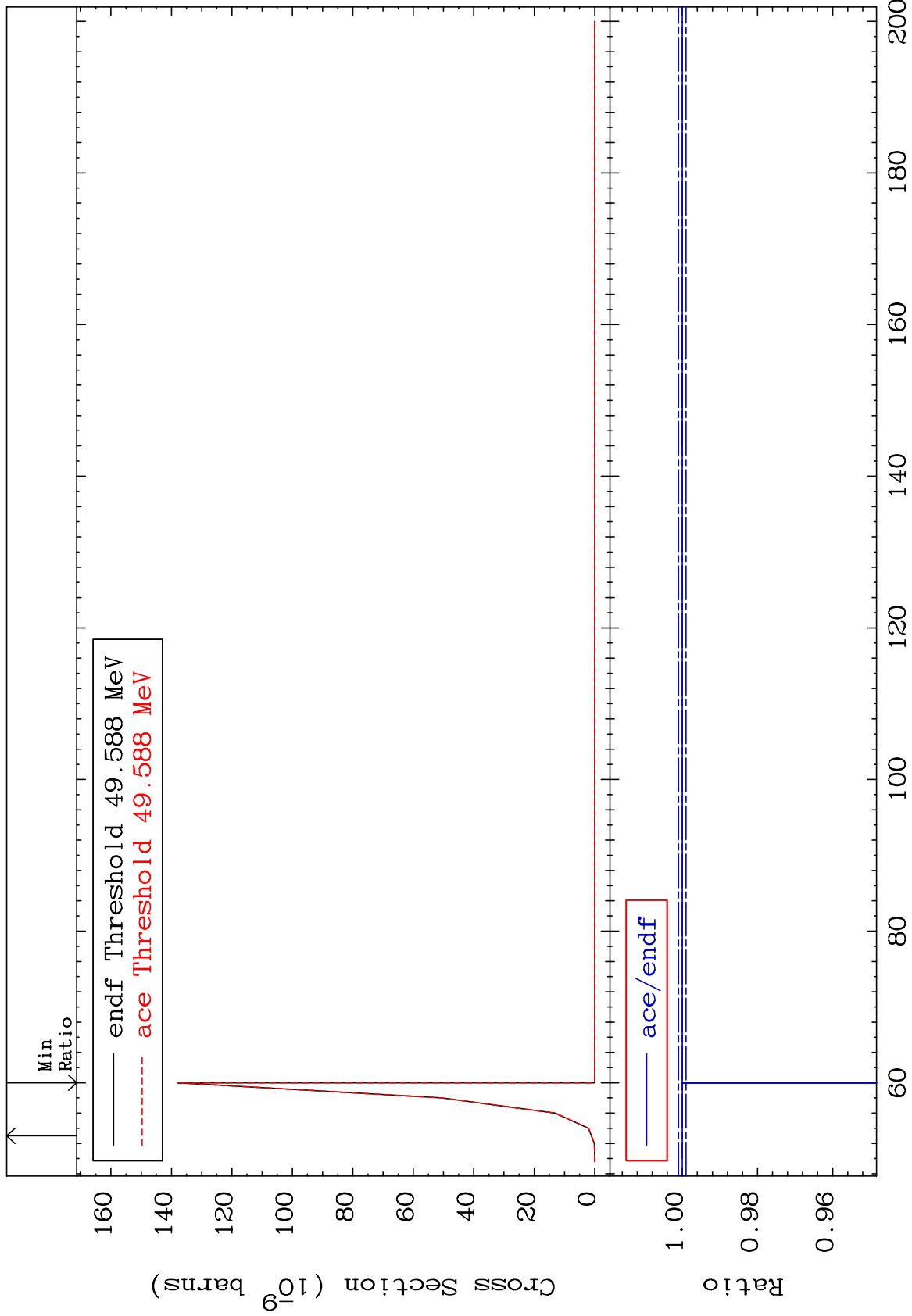
Incident Energy (eV)

16-S -34

MAT 1631

(n,5n)  
Cross Section

16-S -34  
-100.0 To 0.000 %



57

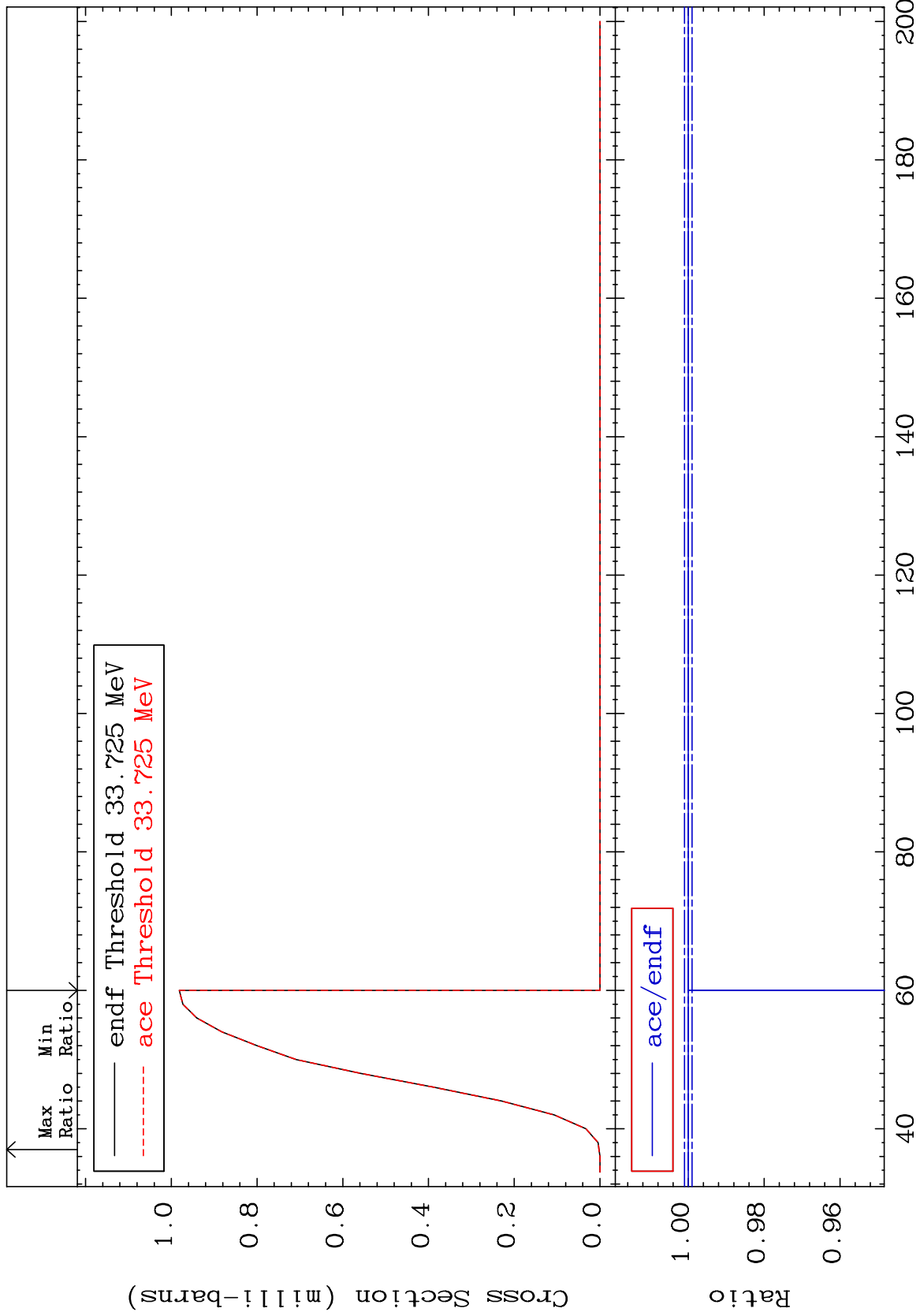
Incident Energy (MeV)

16-S -34

MAT 1631

(n,2nt)  
Cross Section

16-S -34  
-100.0 To 0.000 %



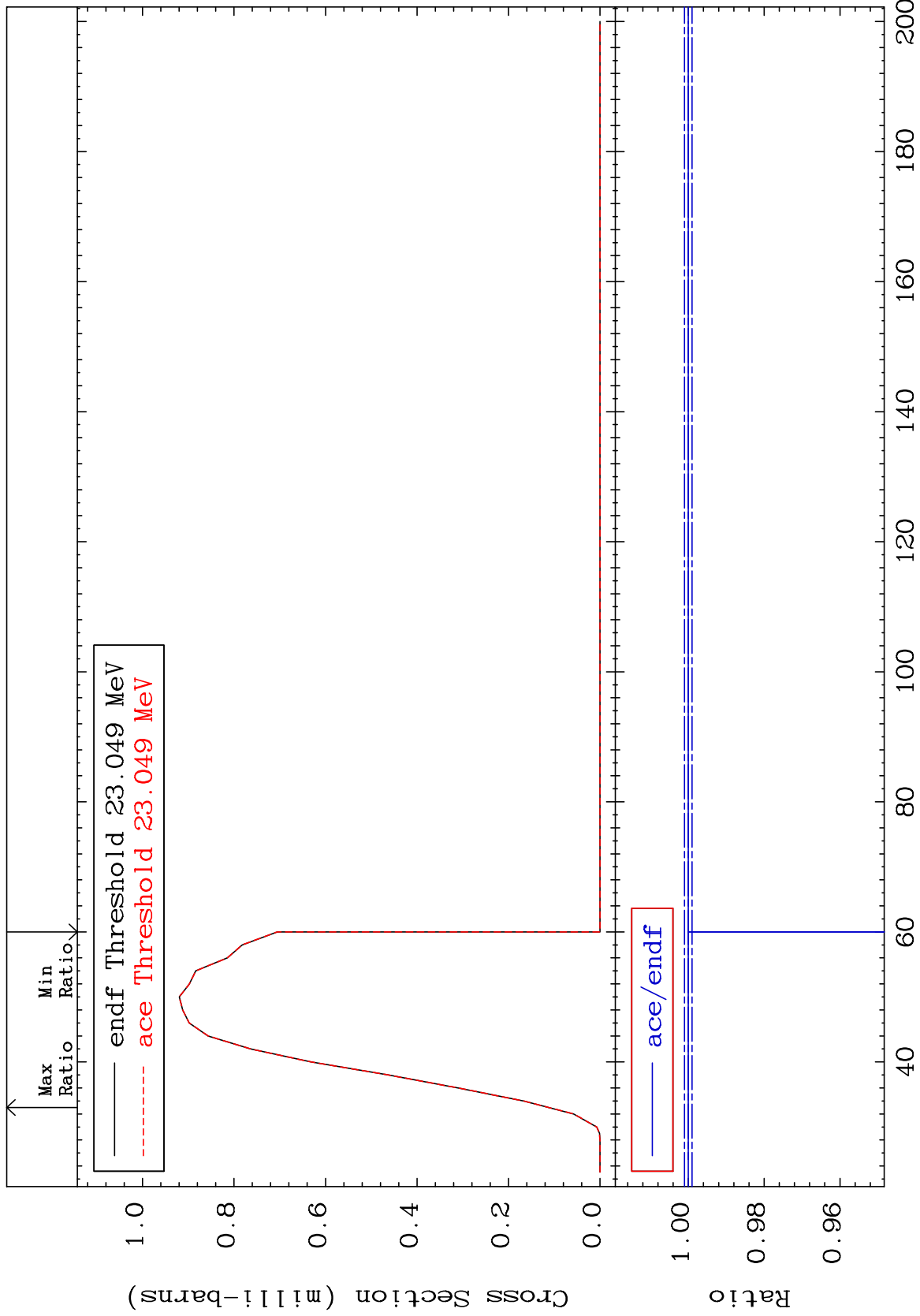
58

16-S -34

MAT 1631

(n,  $\alpha$ )  
Cross Section

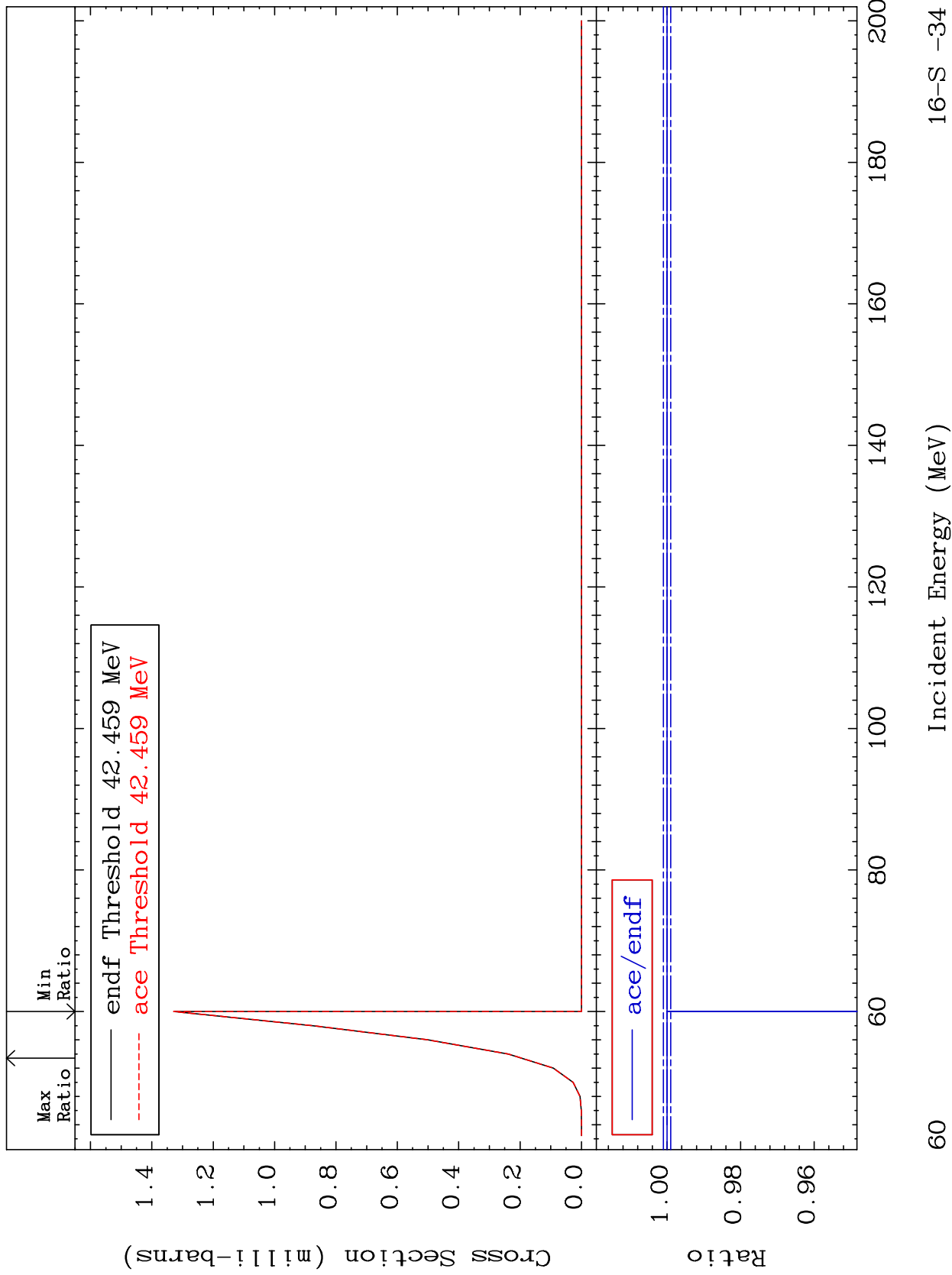
16-S -34  
-100.0 To 0.000 %



MAT 1631

(n, 4np)  
Cross Section

16-S -34  
-100.0 To 0.000 %



60

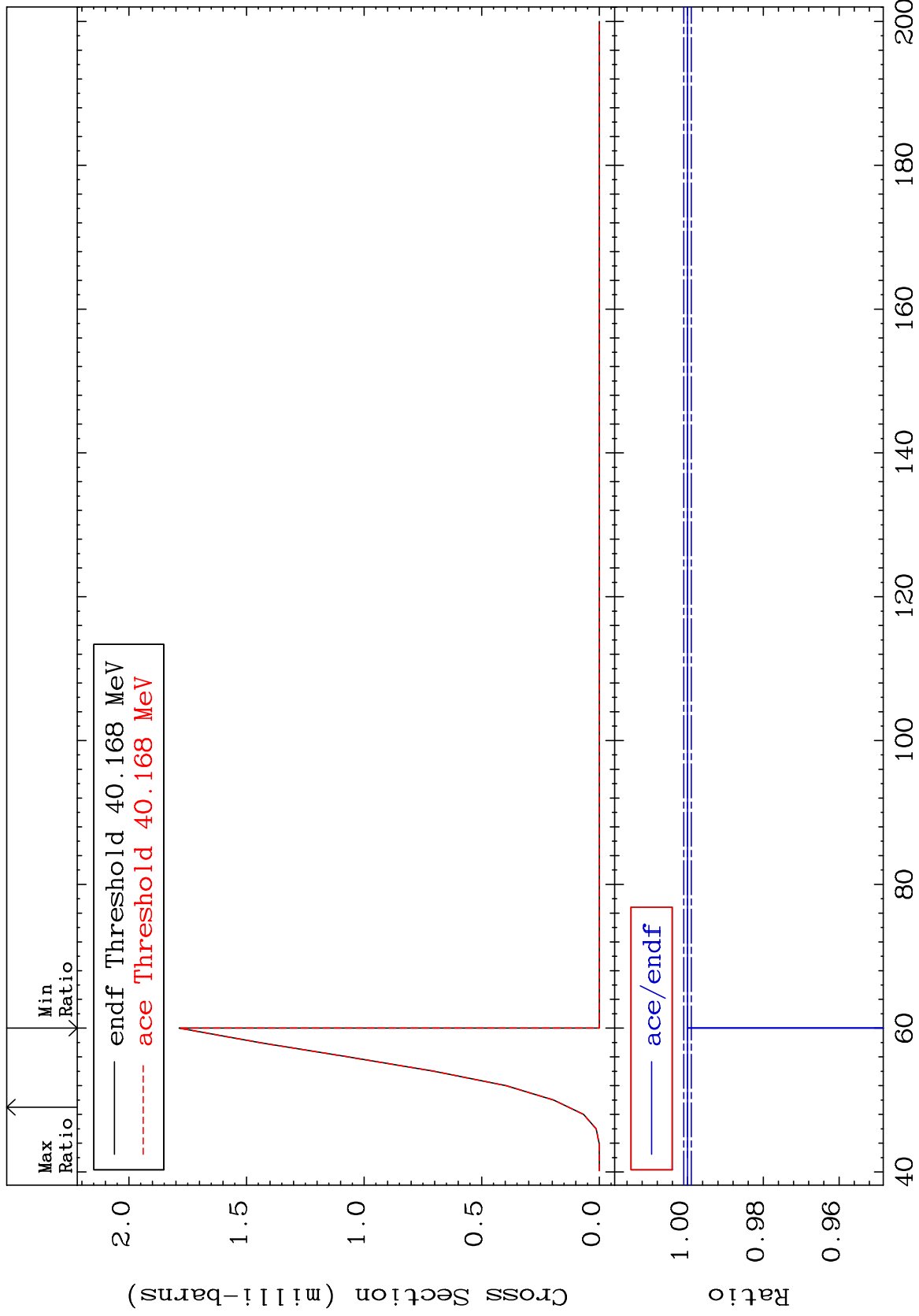
Incident Energy (MeV)

16-S -34

MAT 1631

(n,3nd)  
Cross Section

16-S -34  
-100.0 To 0.000 %



61

Incident Energy (MeV)

16-S -34

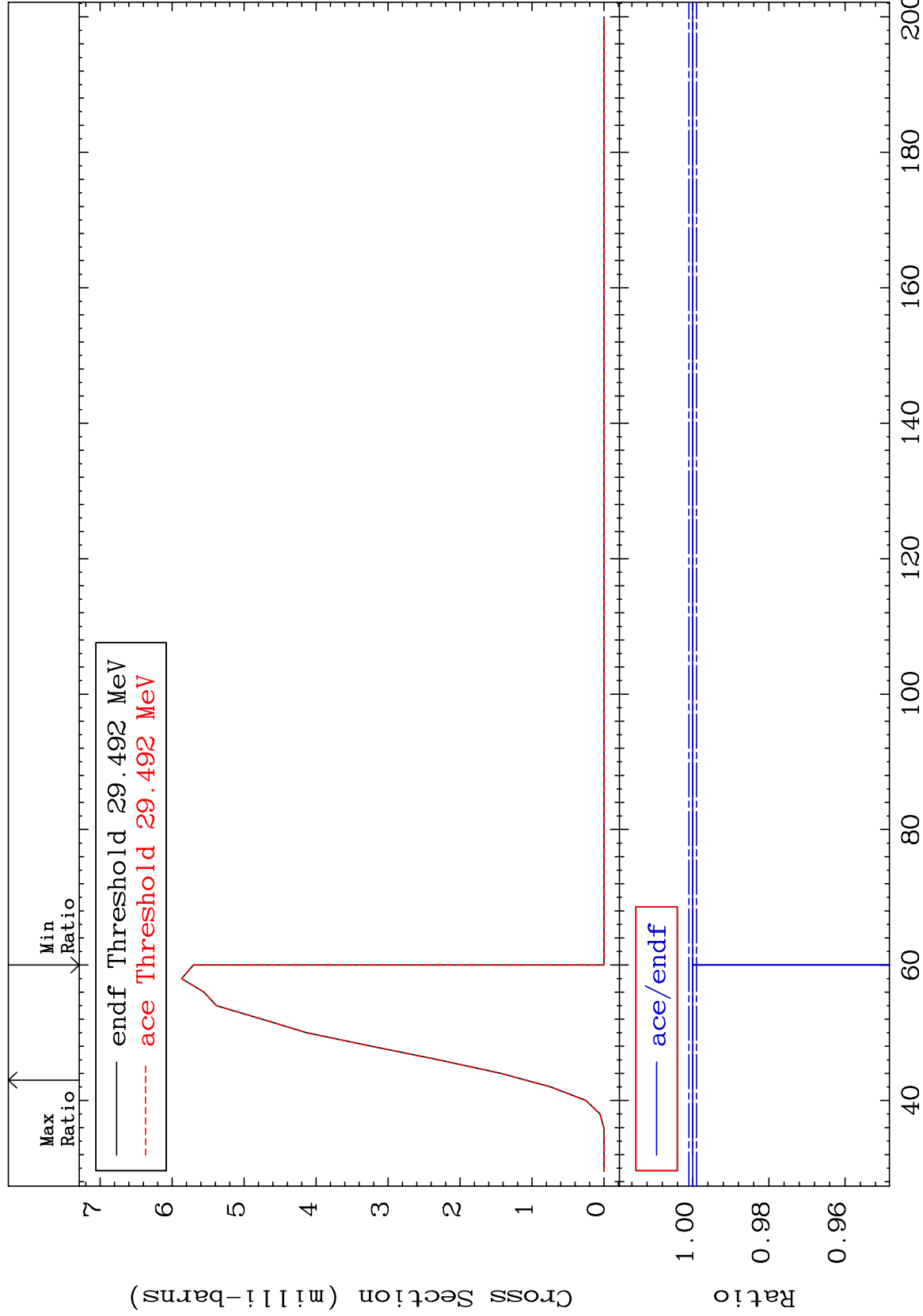
MAT 1631

(n, n'α)

16-S -34

Cross Section

-100.0 To 0.000 %



62

Incident Energy (MeV)

16-S -34

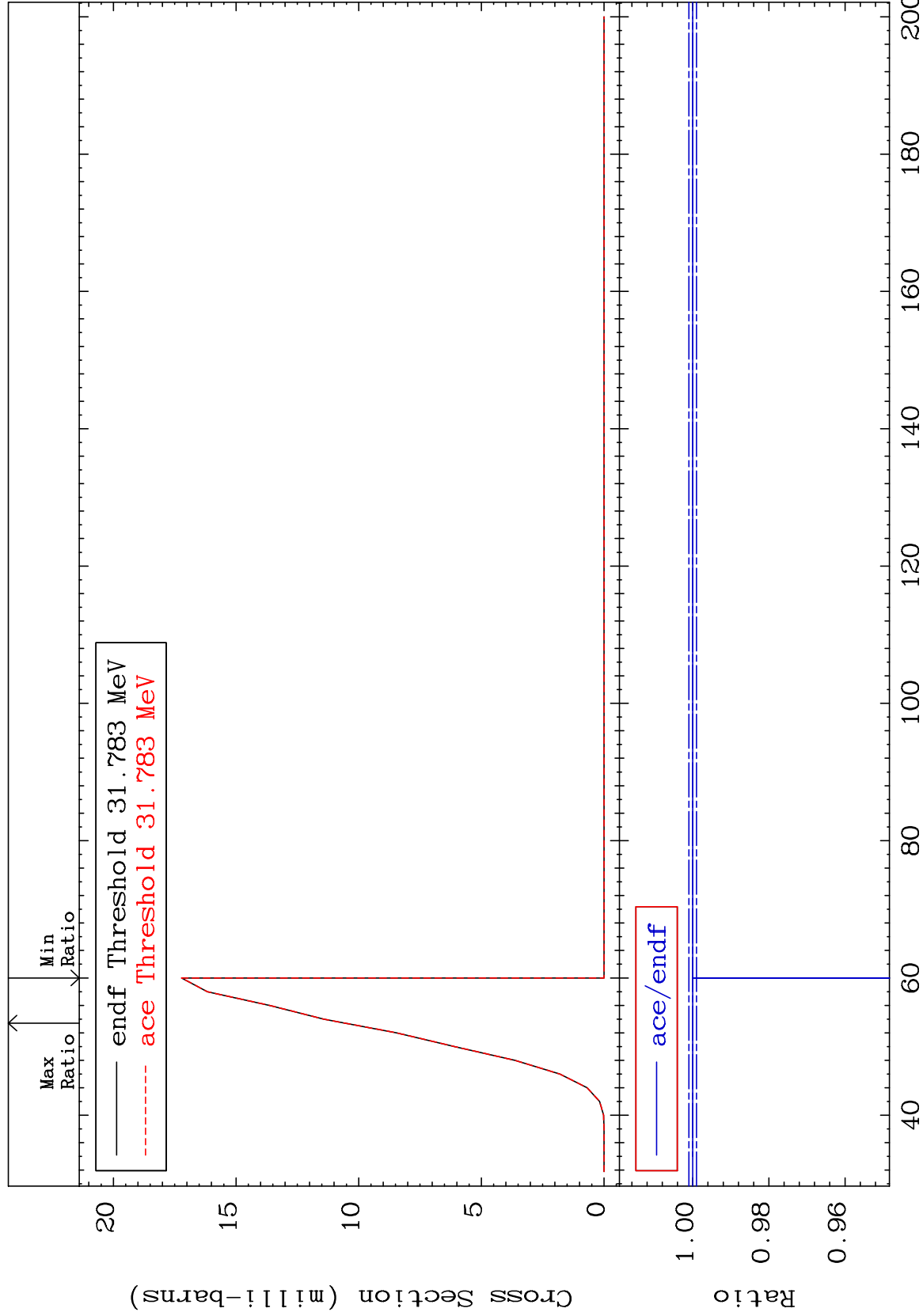
MAT 1631

(n,2n $\alpha$ )

16-S -34

Cross Section

-100.0 To 0.000 %



63

Incident Energy (MeV)

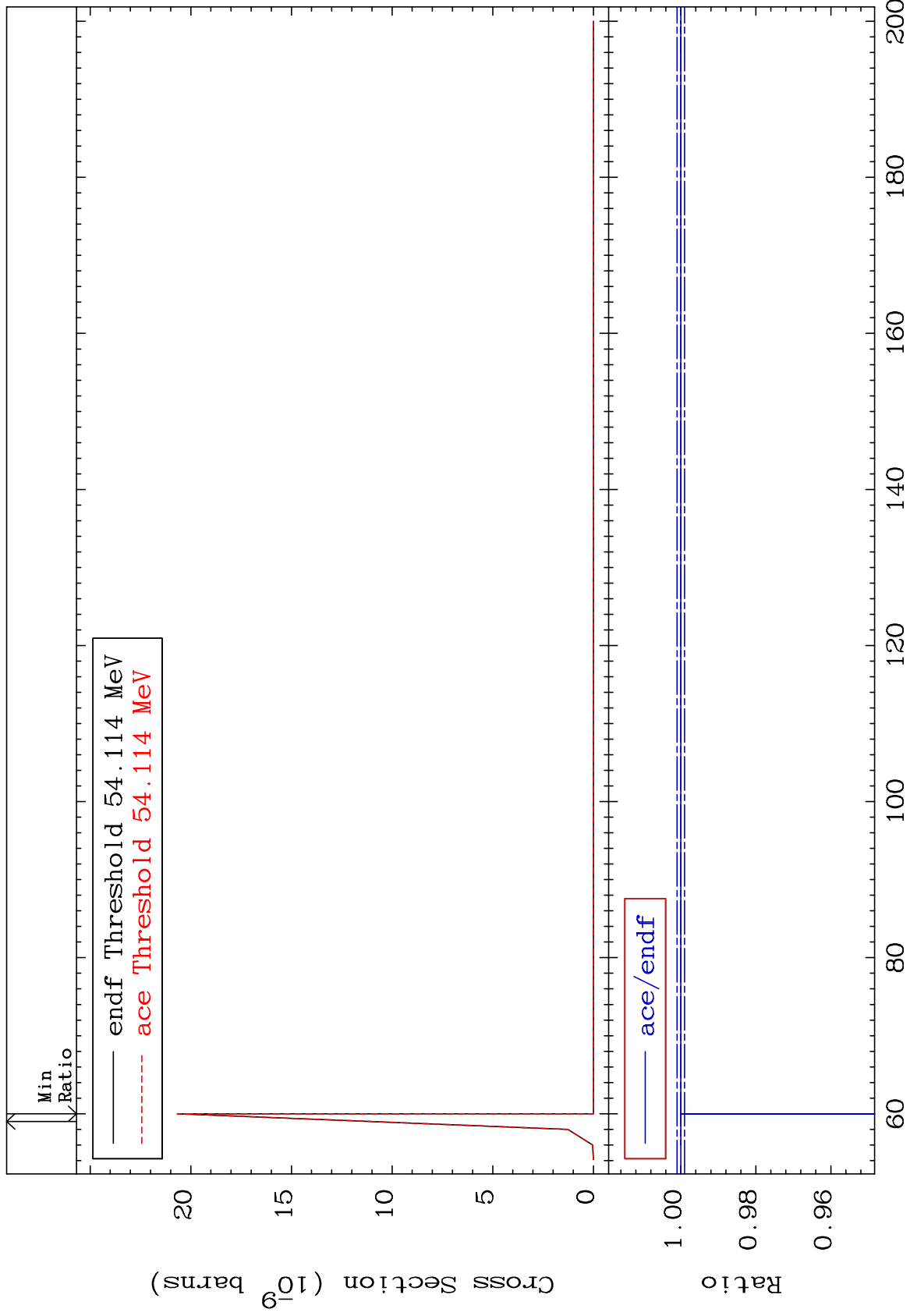
16-S -34



MAT 1631

(n,5np)  
Cross Section

16-S -34  
-100.0 To 0.000 %



64

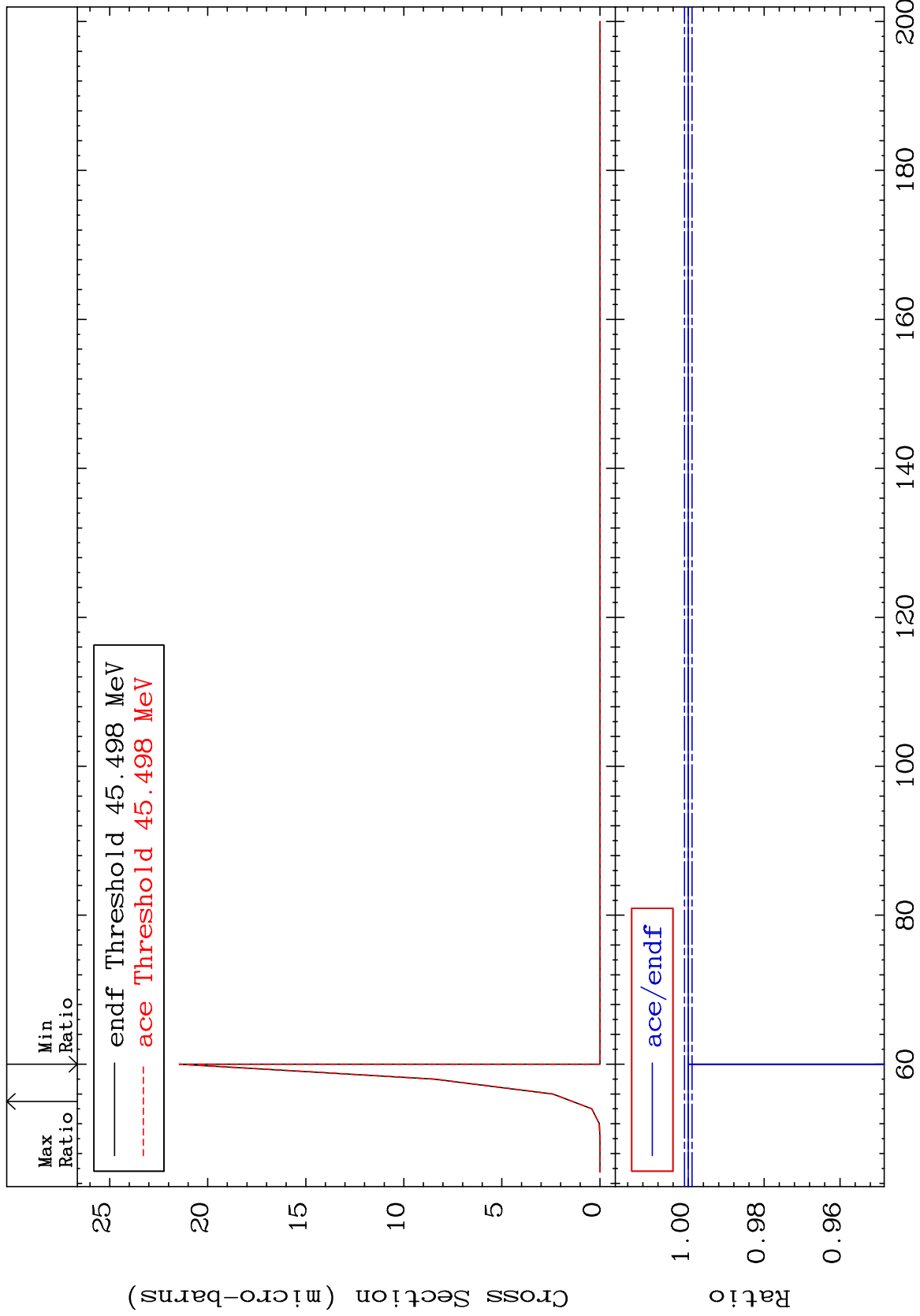
Incident Energy (MeV)

16-S -34

MAT 1631

(n, 4n $\alpha$ )  
Cross Section

16-S -34  
-100.0 To 0.000 %



65

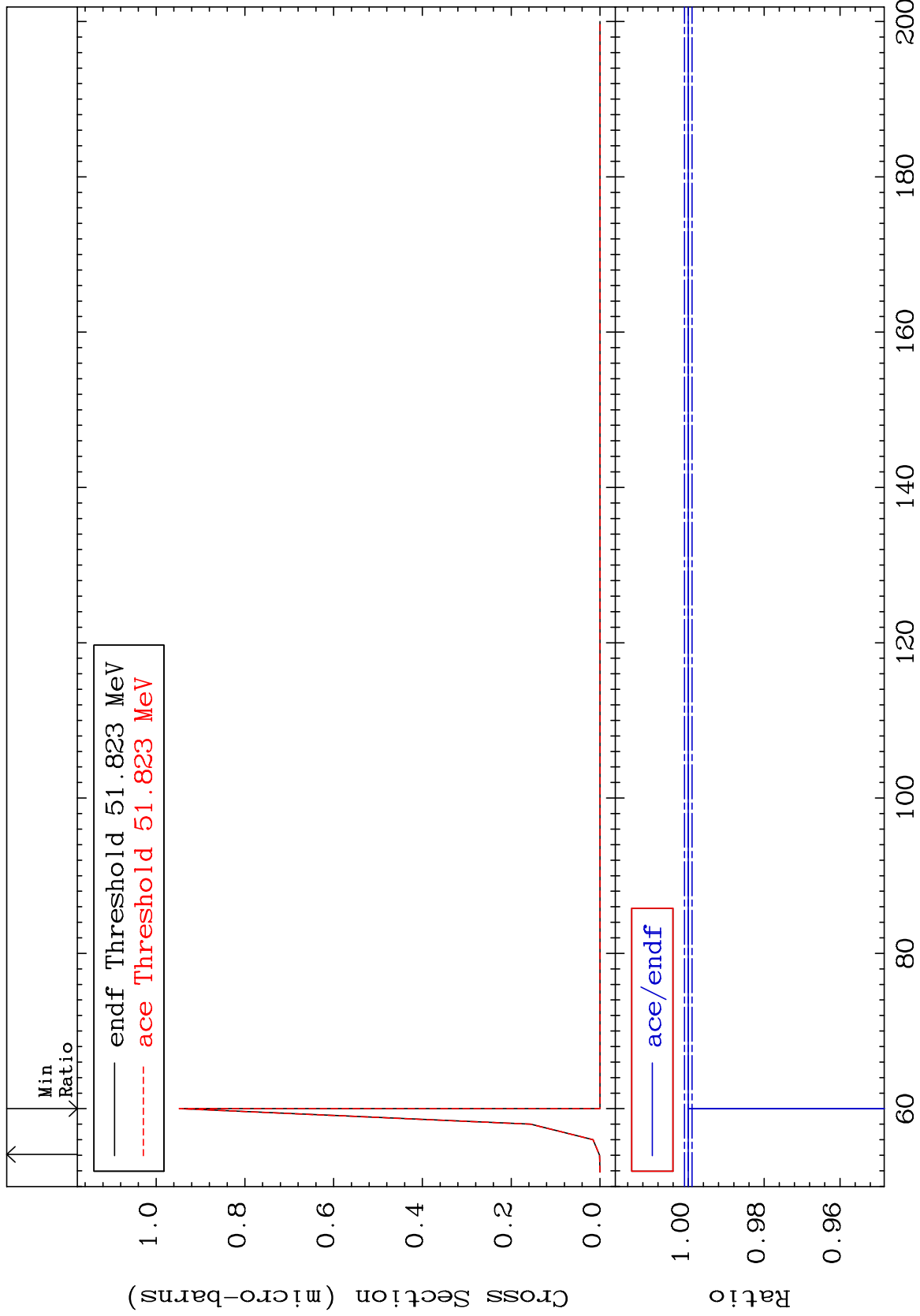
Incident Energy (MeV)

16-S -34

MAT 1631

(n, 4nd)  
Cross Section

16-S -34  
-100.0 To 0.000 %



66

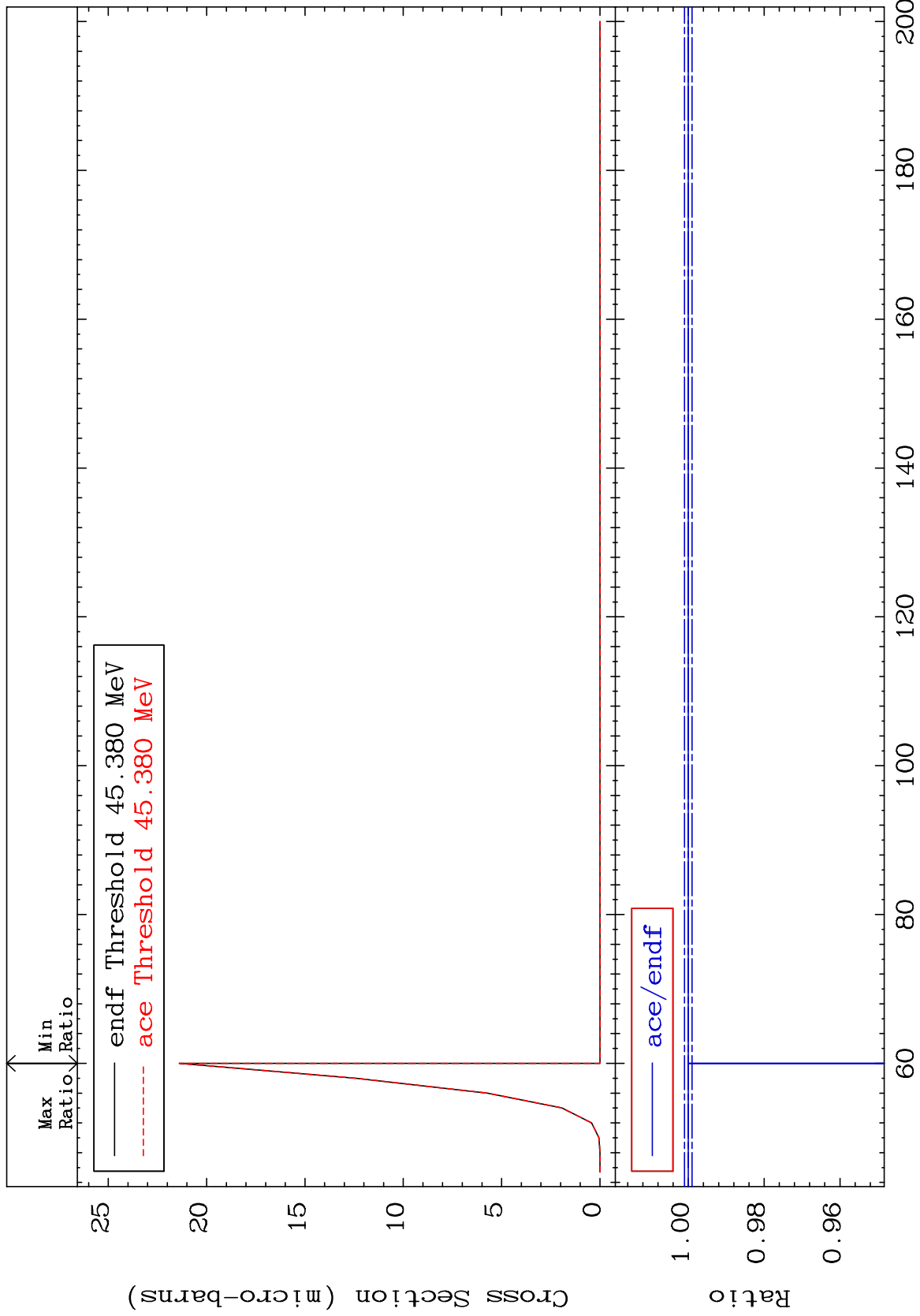
Incident Energy (MeV)

16-S -34

MAT 1631

(n,3nt)  
Cross Section

16-S -34  
-100.0 To 0.000 %



67

Incident Energy (MeV)

16-S -34

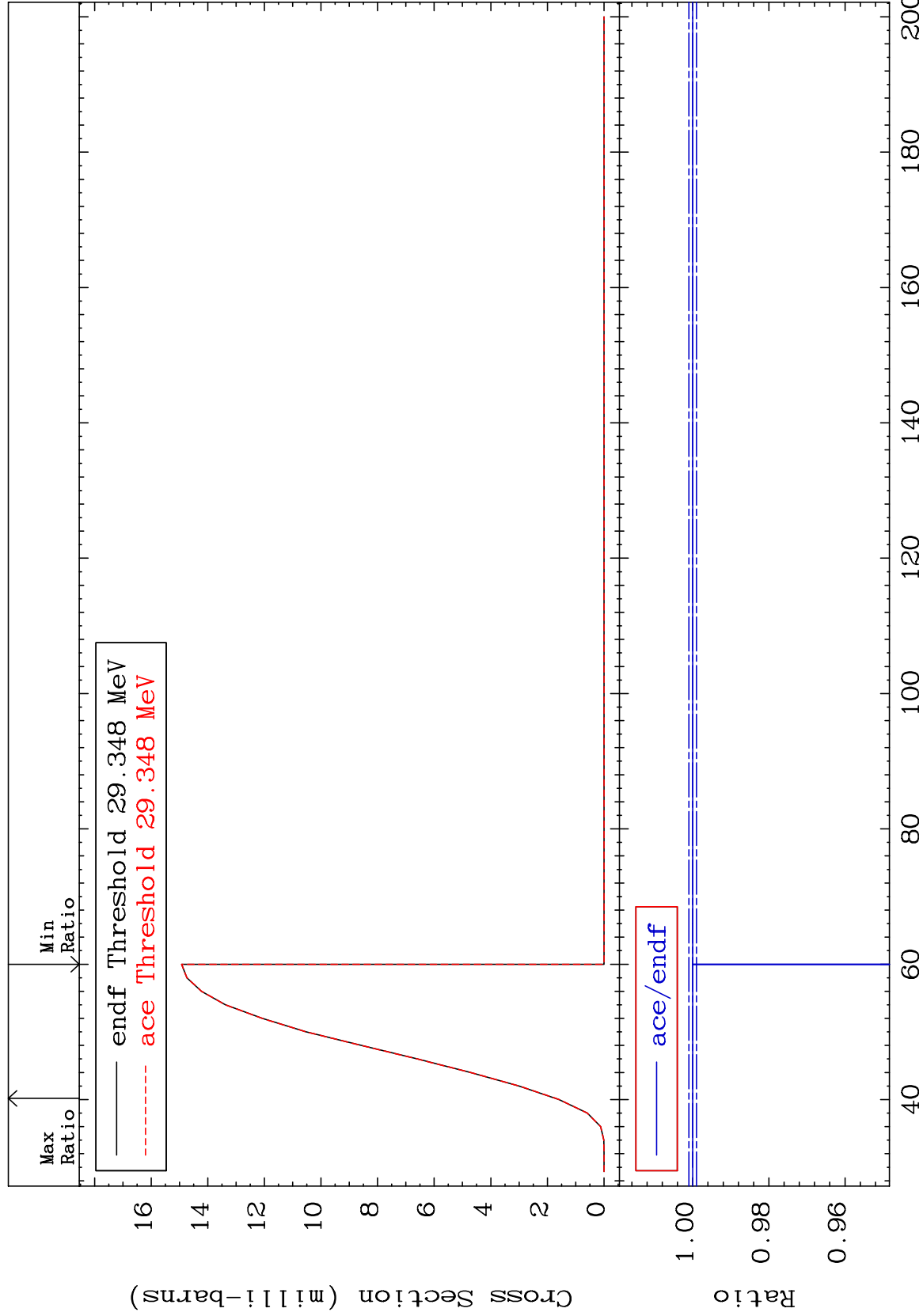
MAT 1631

(n,2nh)

16-S -34

Cross Section

-100.0 To 0.000 %



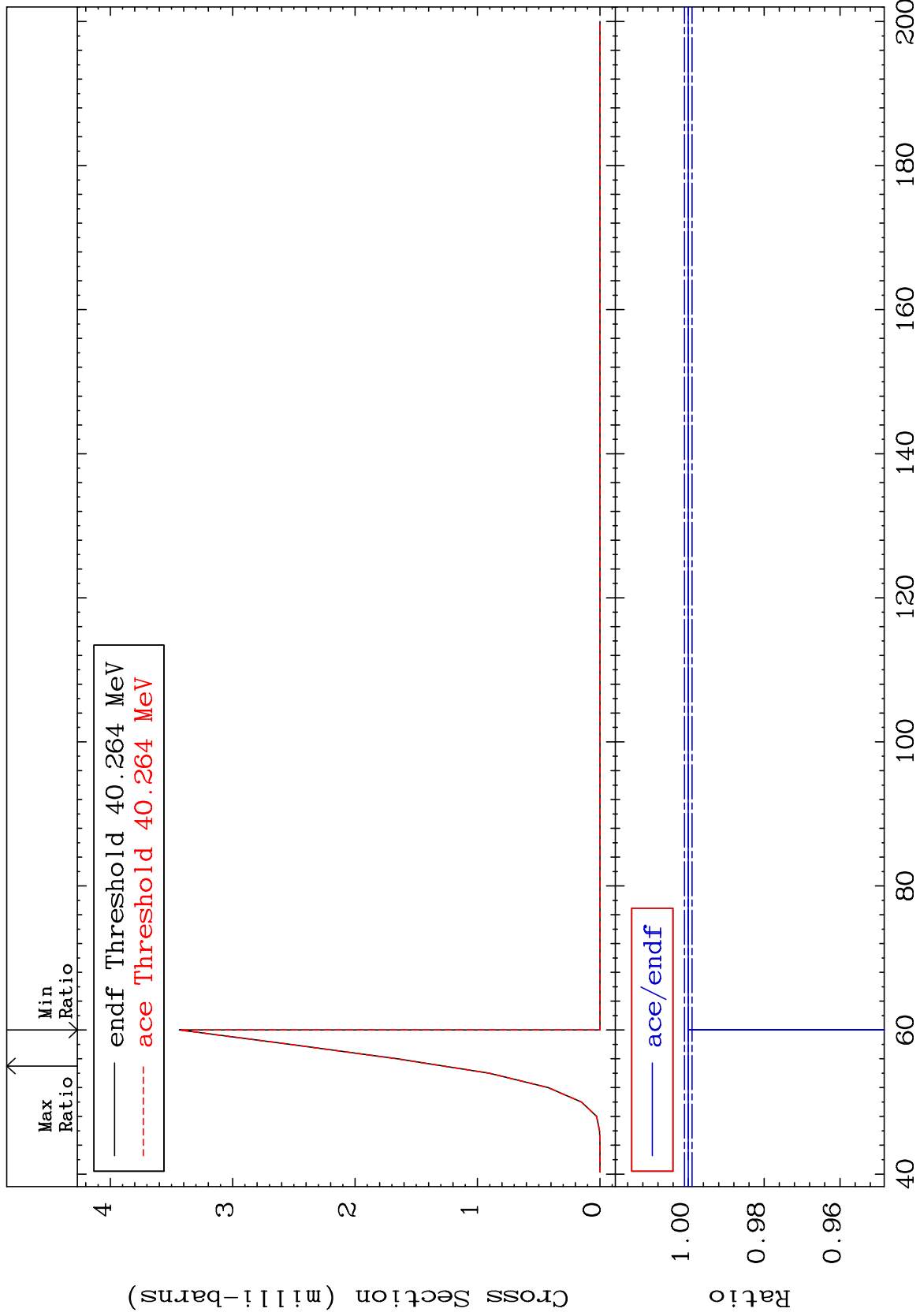
68

16-S -34

MAT 1631

(n, 3nh)  
Cross Section

16-S -34  
-100.0 To 0.000 %



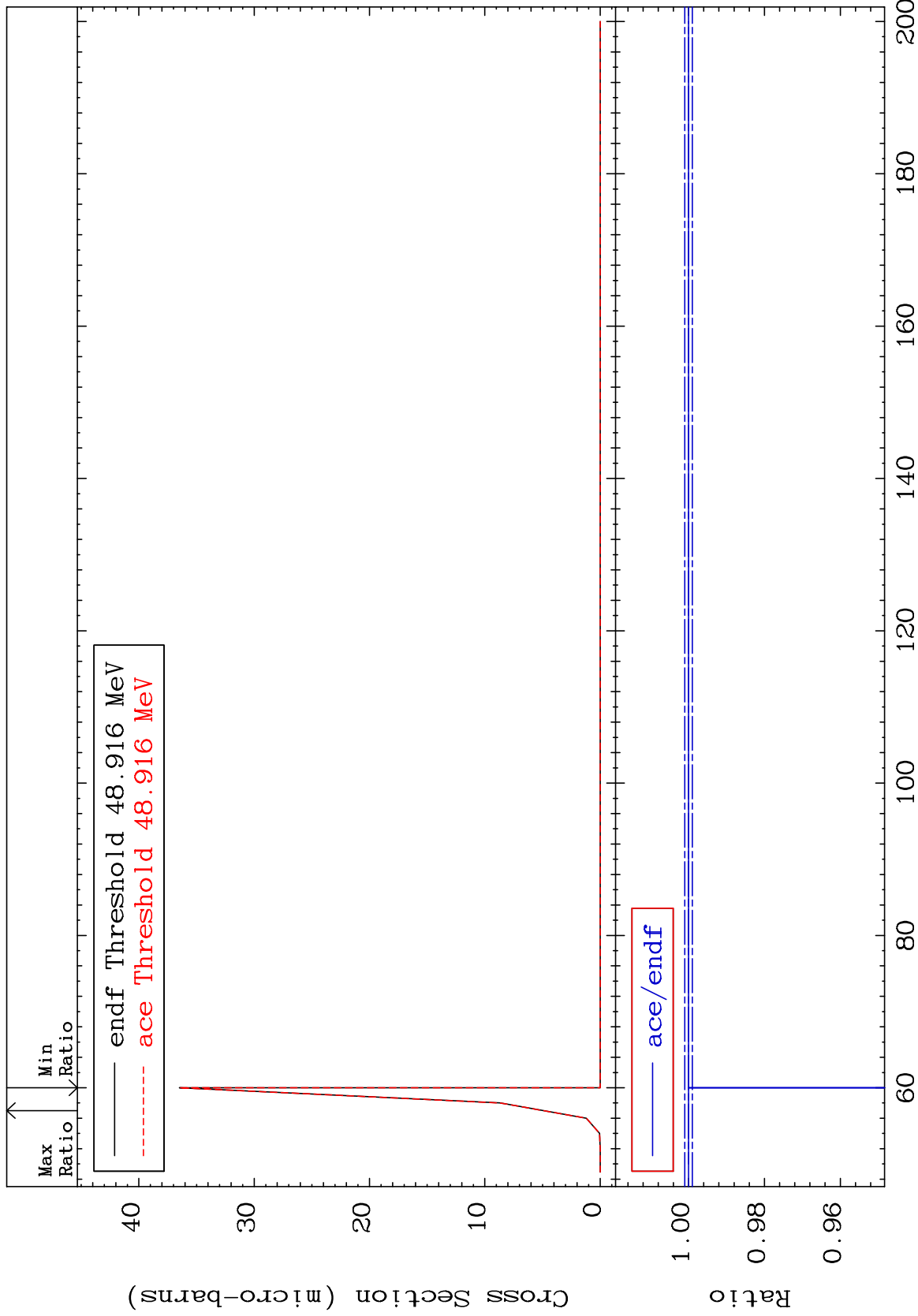
69

16-S -34

MAT 1631

(n, 4nh)  
Cross Section

16-S -34  
-100.0 To 0.000 %



70

Incident Energy (MeV)

16-S -34

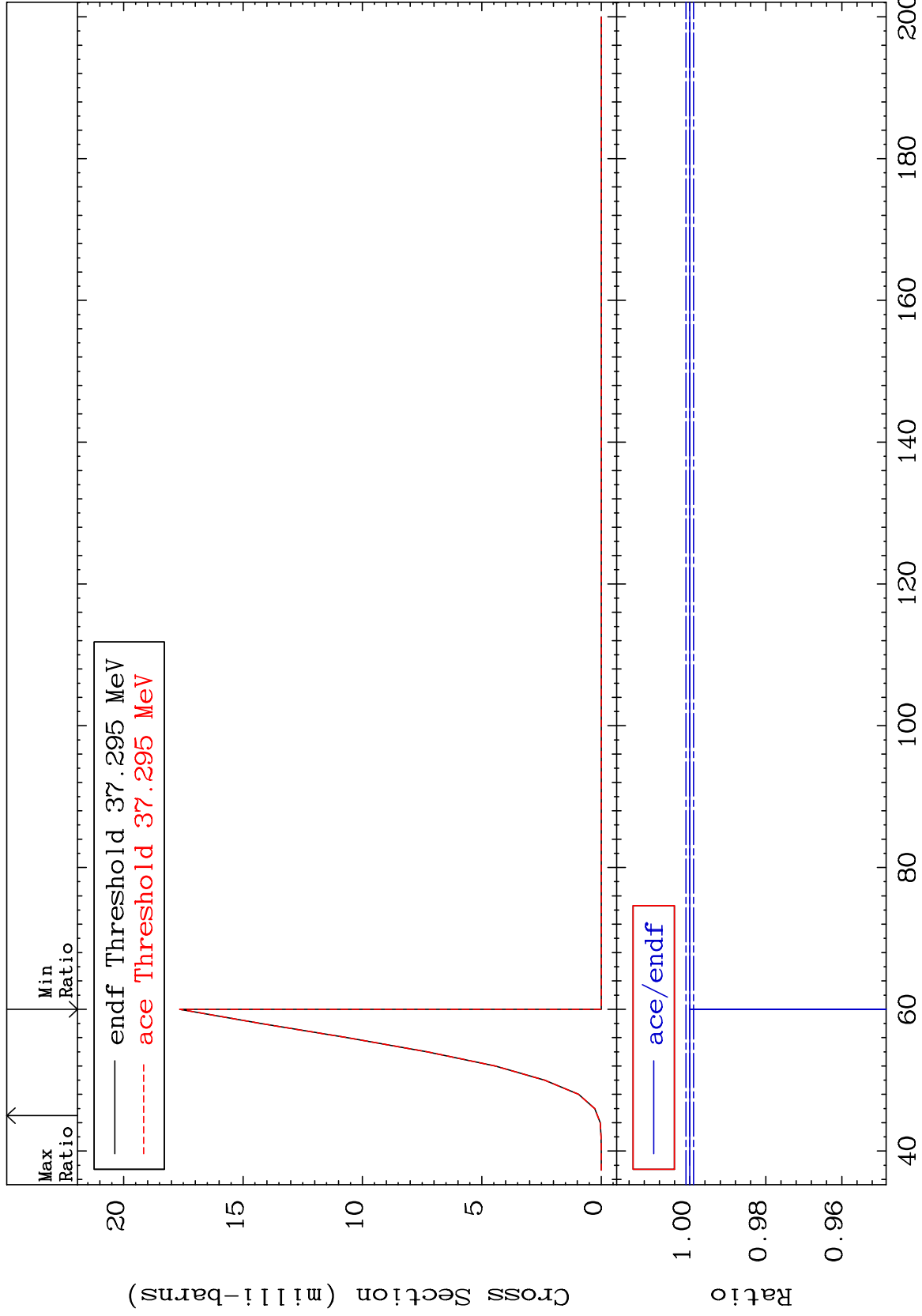
MAT 1631

(n, 3n2p)

16-S -34

Cross Section

-100.0 To 0.000 %



71

16-S -34



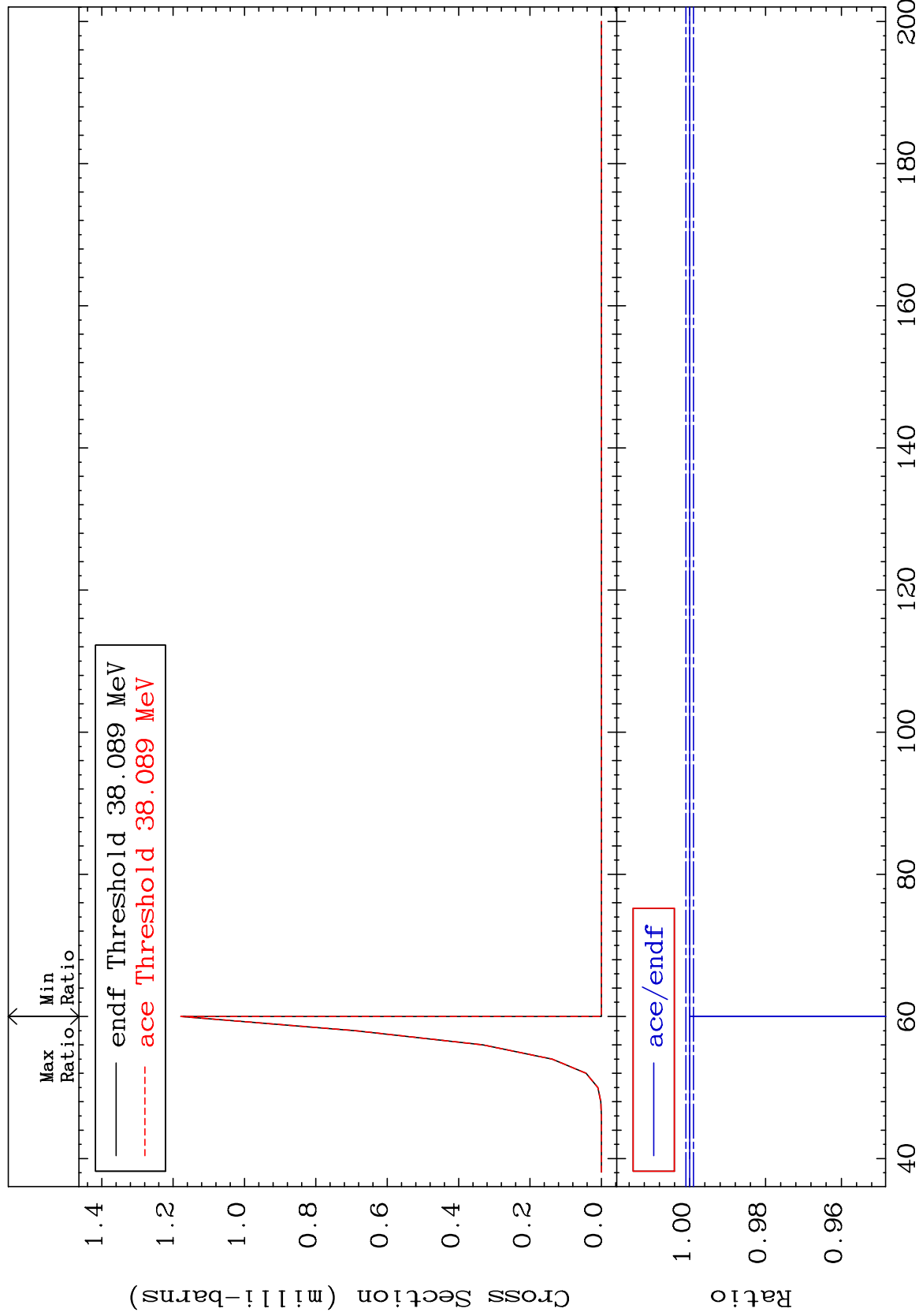
MAT 1631

(n, 3n2α)

16-S -34

Cross Section

-100.0 To 0.000 %



72

16-S -34

Incident Energy (MeV)

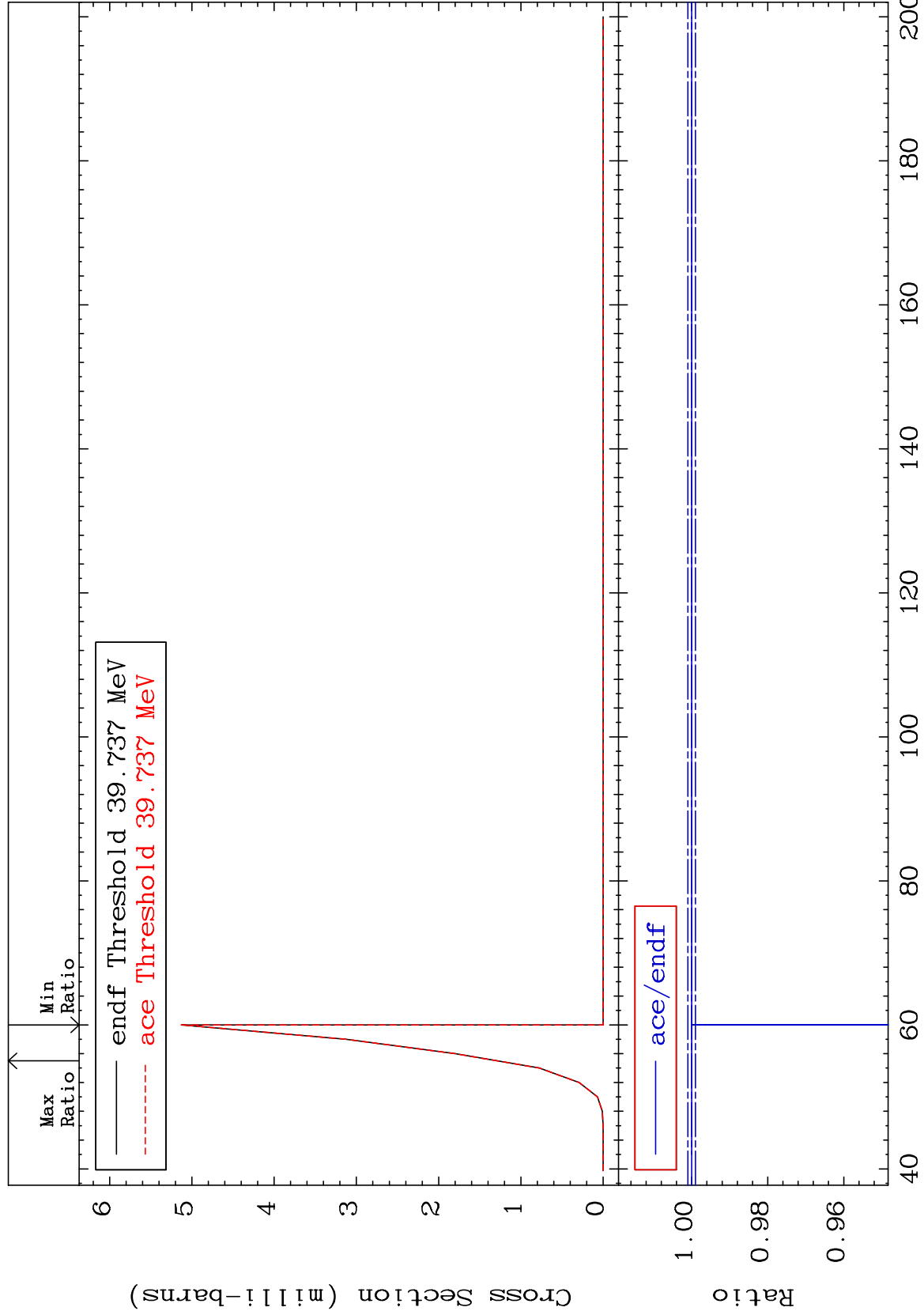
MAT 1631

(n, 3n $\alpha$ )

16-S -34

Cross Section

-100.0 To 0.000 %



73

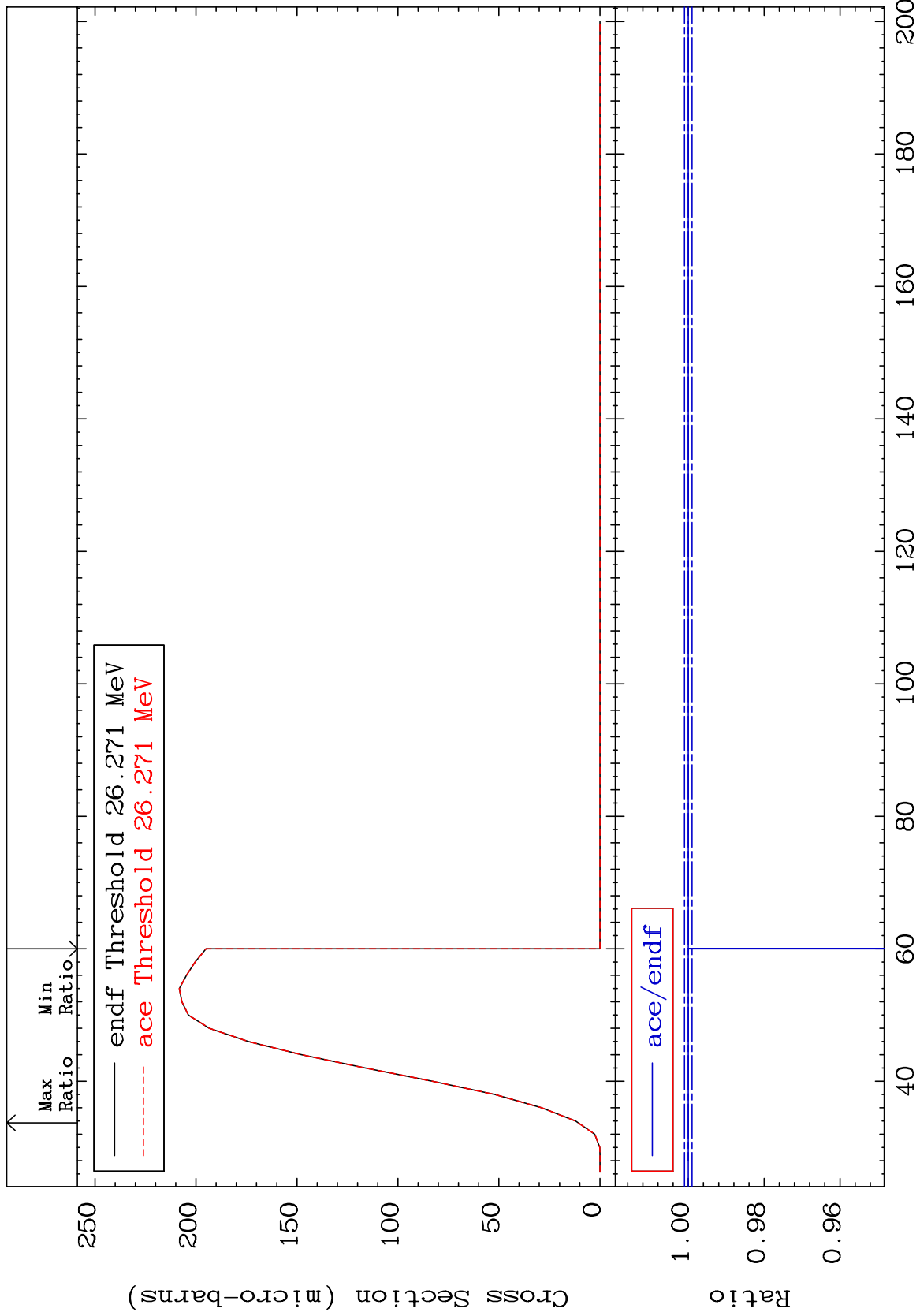
Incident Energy (MeV)

16-S -34

MAT 1631

(n, dt)  
Cross Section

16-S -34  
-100.0 To 0.000 %



74

16-S -34

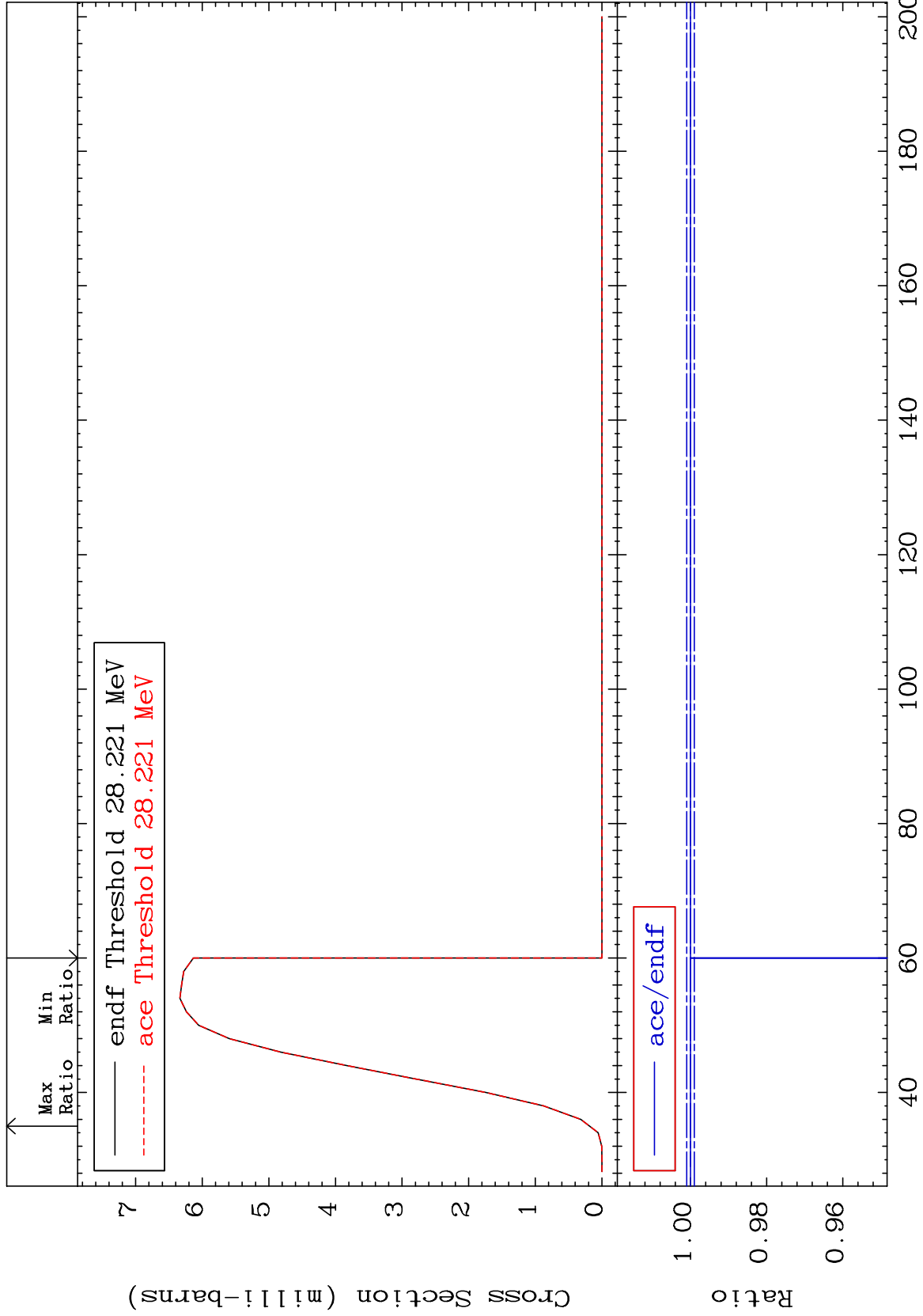
MAT 1631

(n, n'pd)

16-S -34

Cross Section

-100.0 To 0.000 %



75

Incident Energy (MeV)

16-S -34

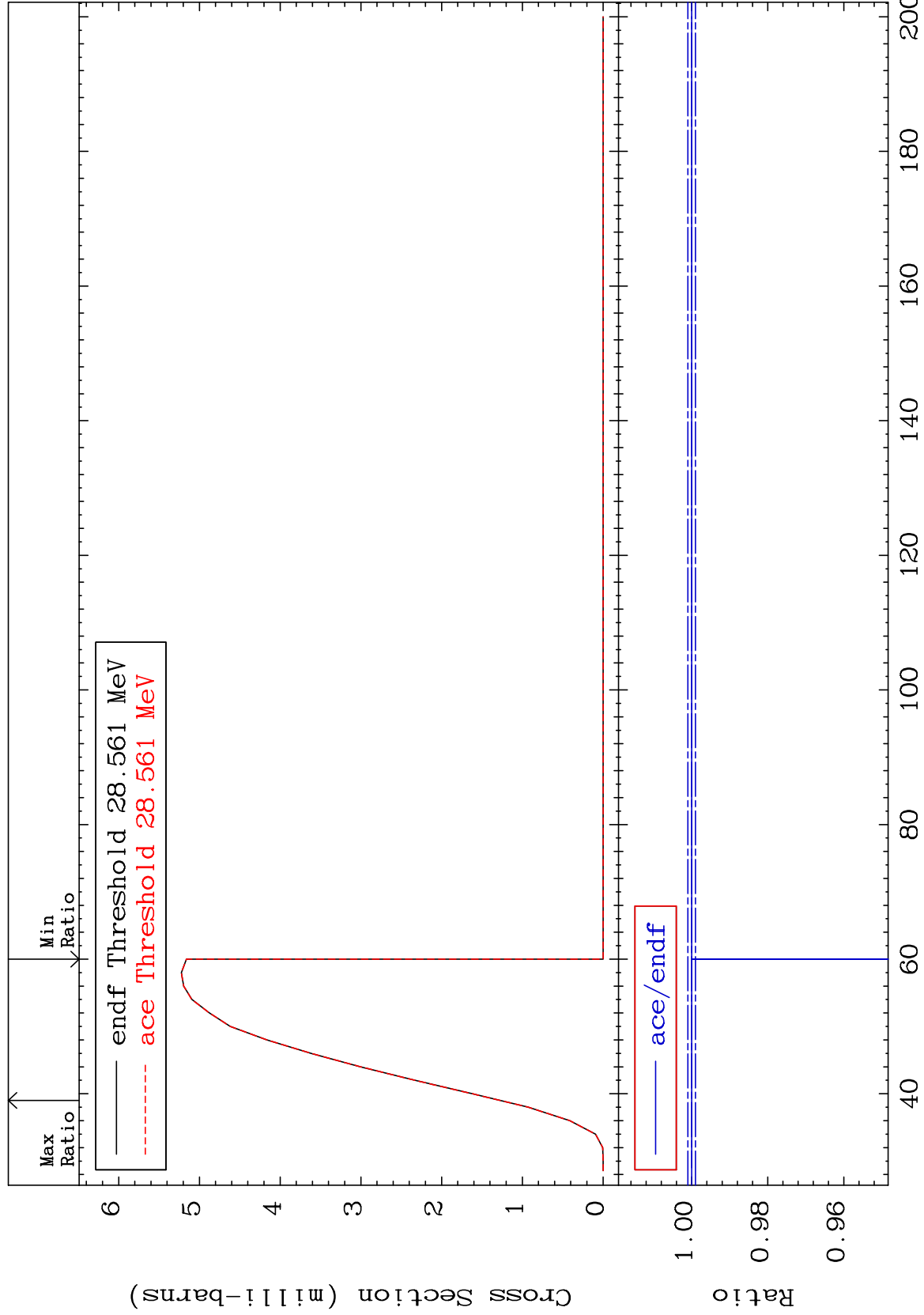
MAT 1631

(n, n'pt)

16-S -34

Cross Section

-100.0 To 0.000 %



76

16-S -34

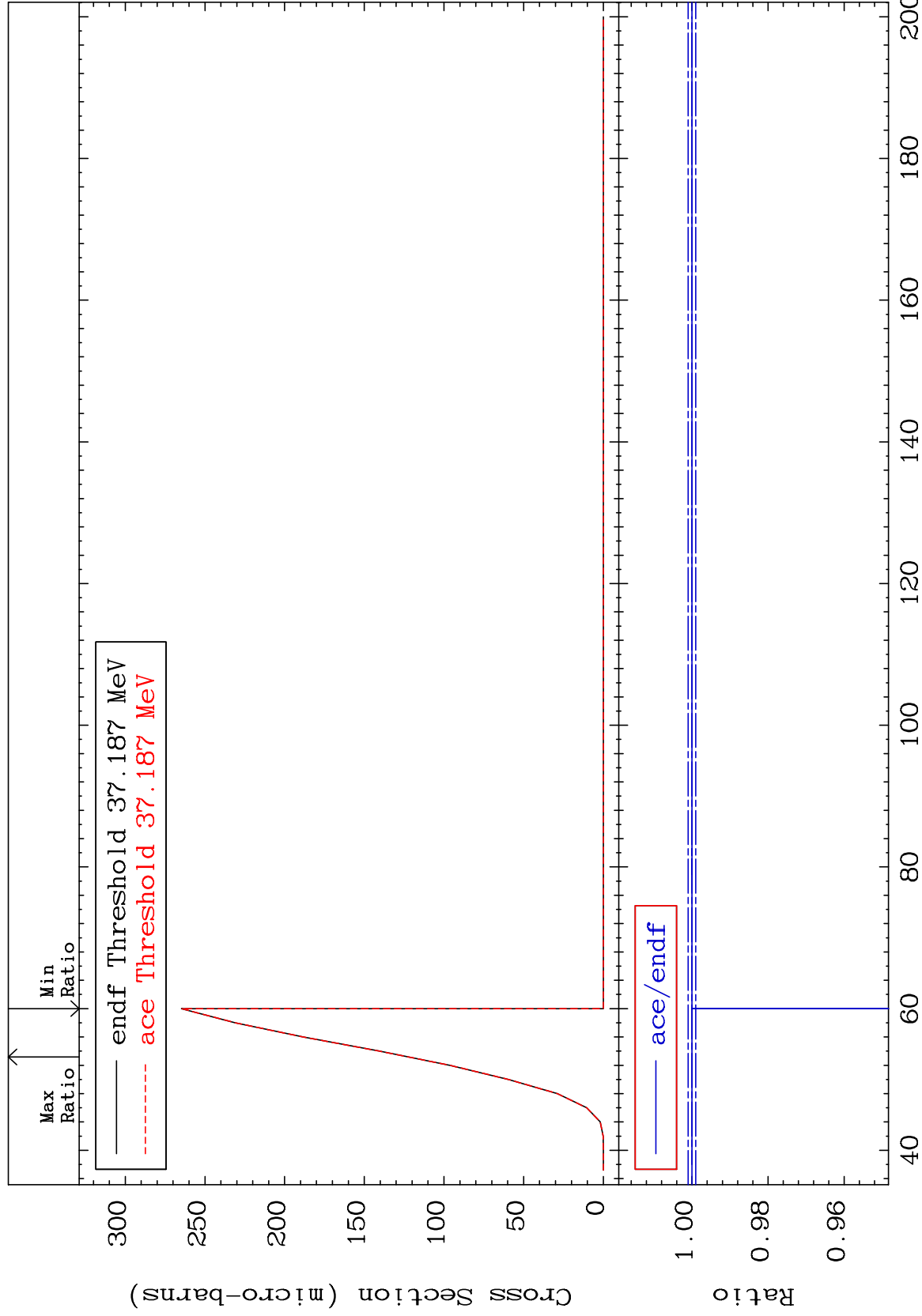
MAT 1631

(n, n'dt)

16-S -34

Cross Section

-100.0 To 0.000 %



77

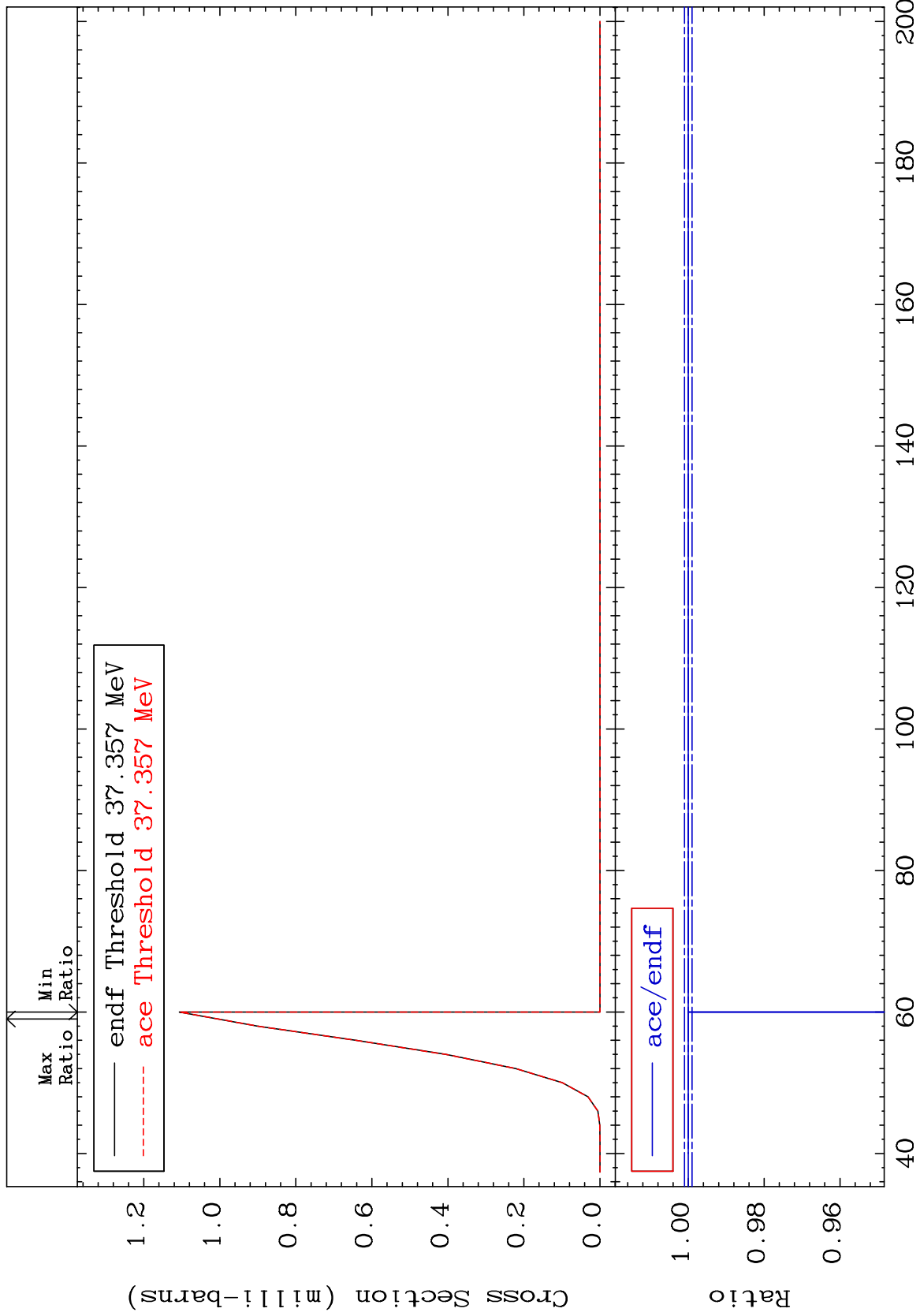
Incident Energy (MeV)

16-S -34

MAT 1631

(n, n'ph)  
Cross Section

16-S -34  
-100.0 To 0.000 %



78

16-S -34

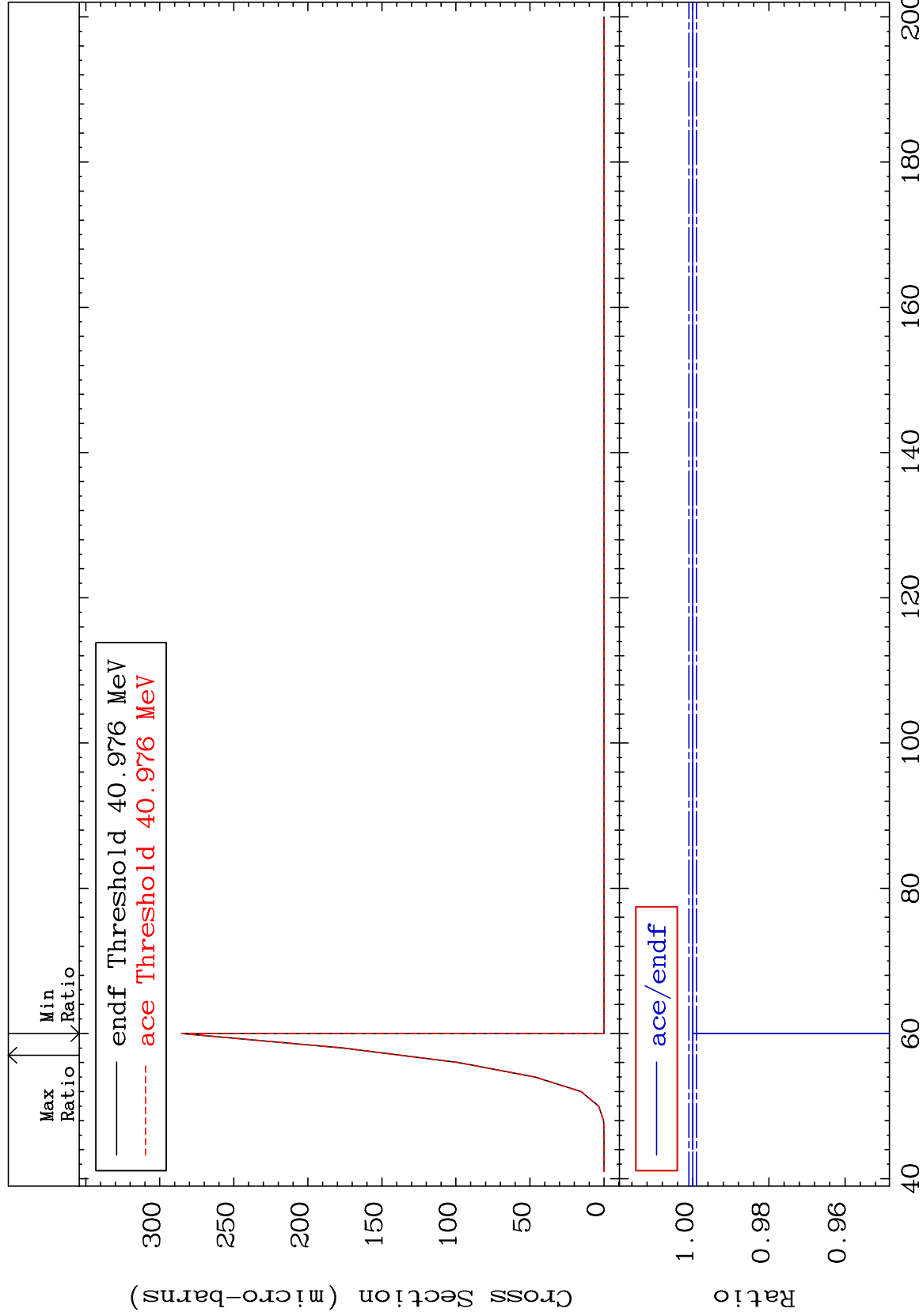
MAT 1631

(n, n'dh)

16-S -34

Cross Section

-100.0 To 0.000 %



79

Incident Energy (MeV)

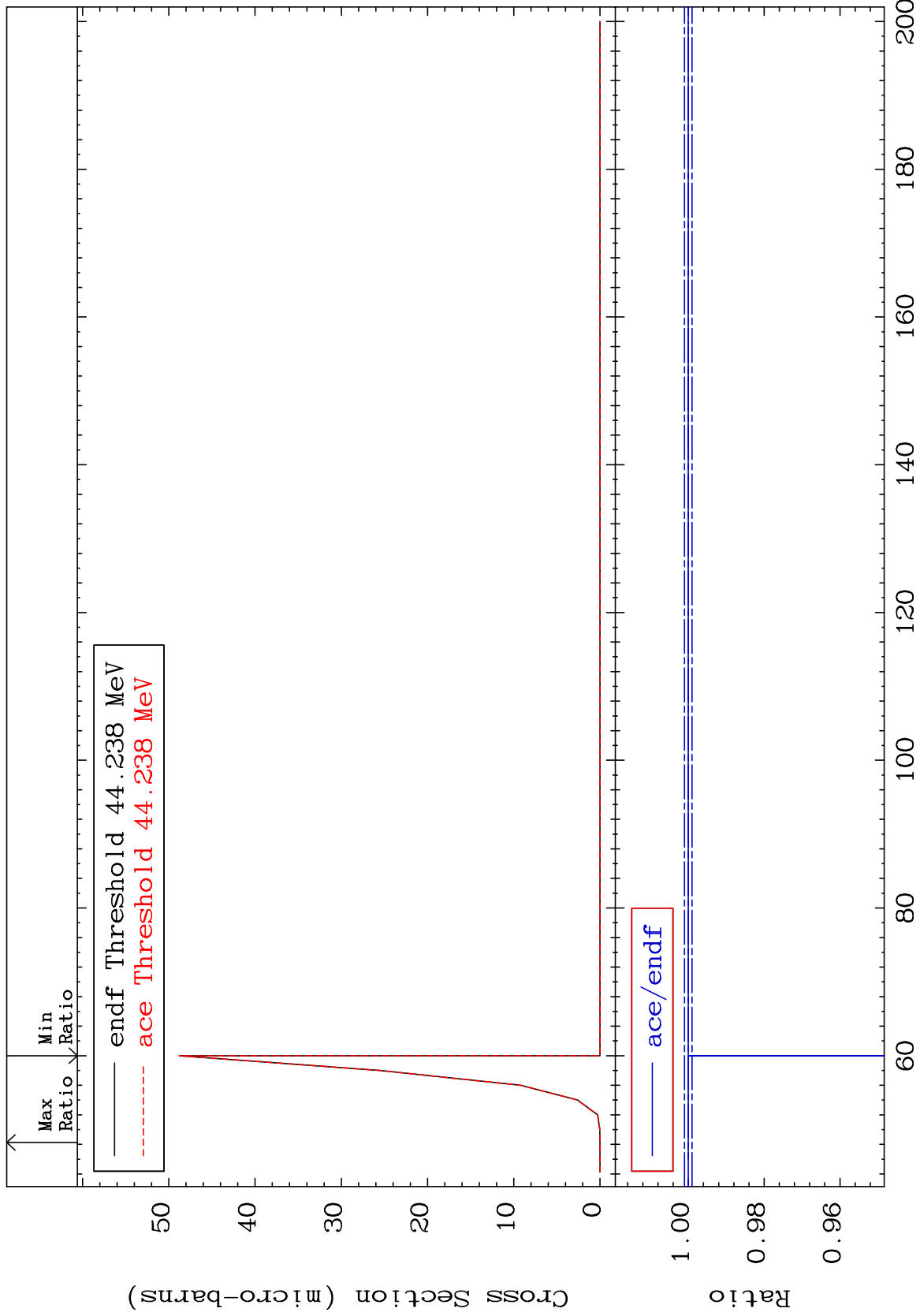
16-S -34



MAT 1631

(n, n'th)  
Cross Section

16-S -34  
-100.0 To 0.000 %



80

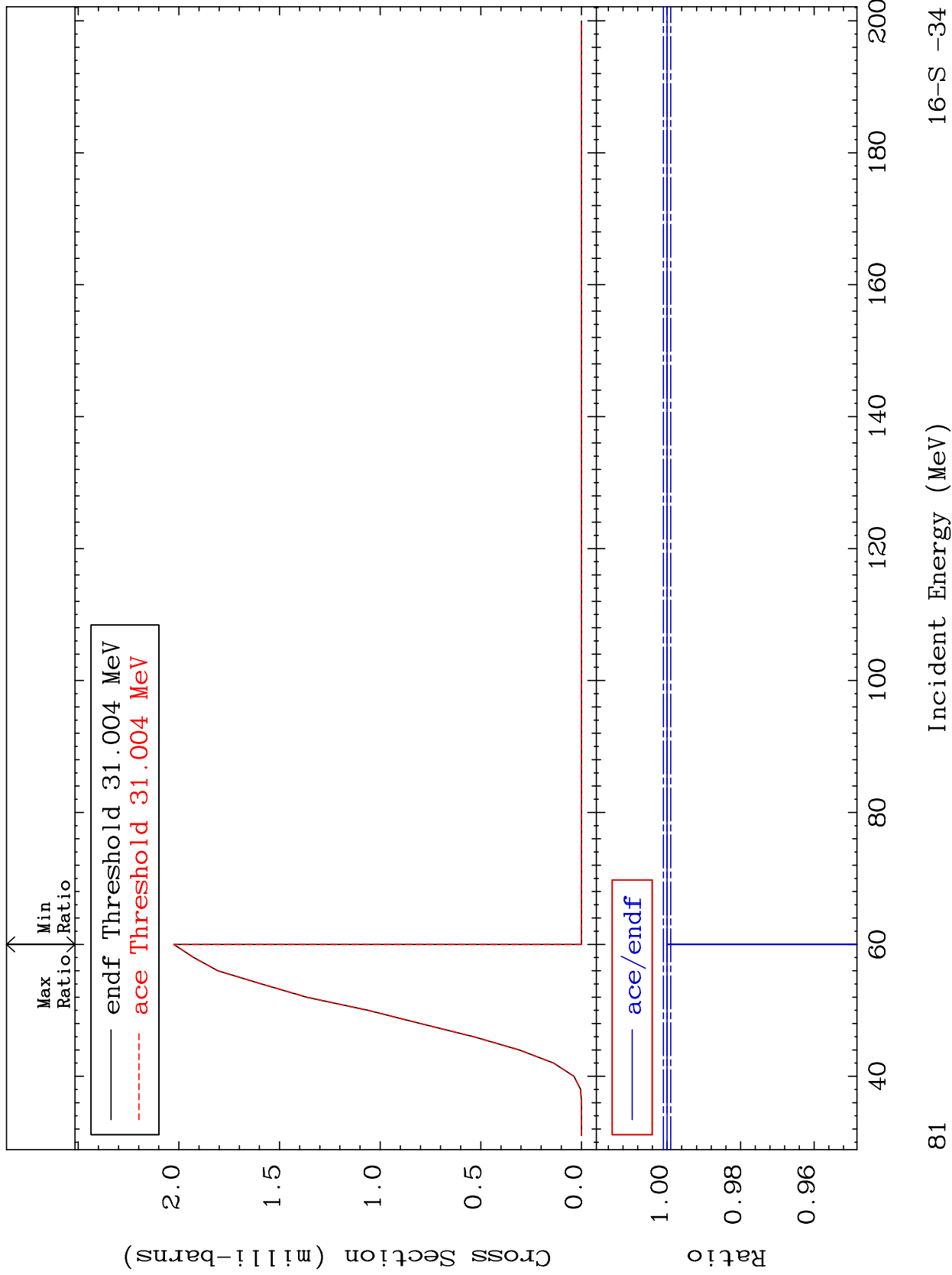
Incident Energy (MeV)

16-S -34

MAT 1631

(n, n'α)  
Cross Section

16-S -34  
-100.0 To 0.000 %



81

16-S -34

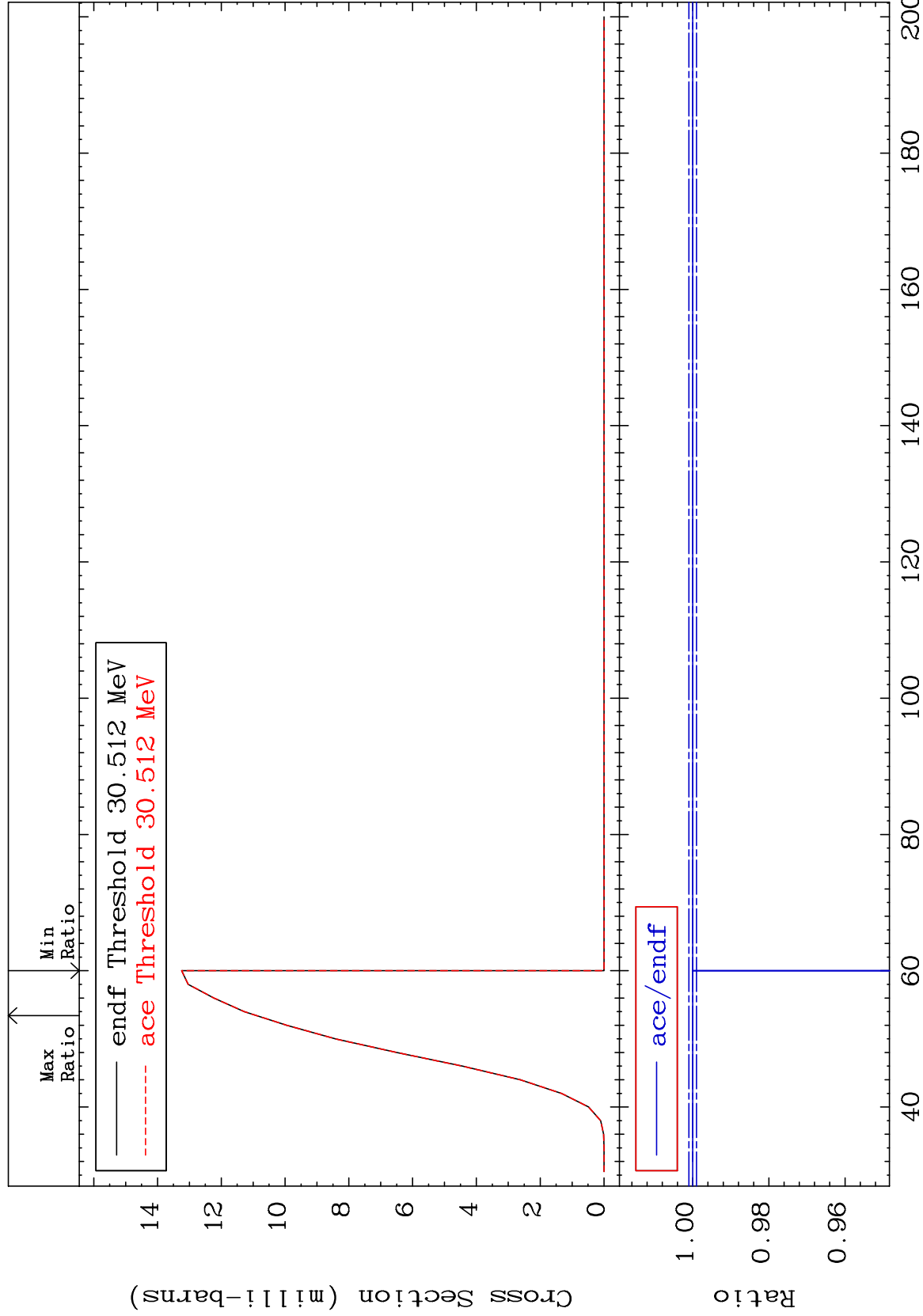
MAT 1631

(n,2n2p)

16-S -34

Cross Section

-100.0 To 0.000 %



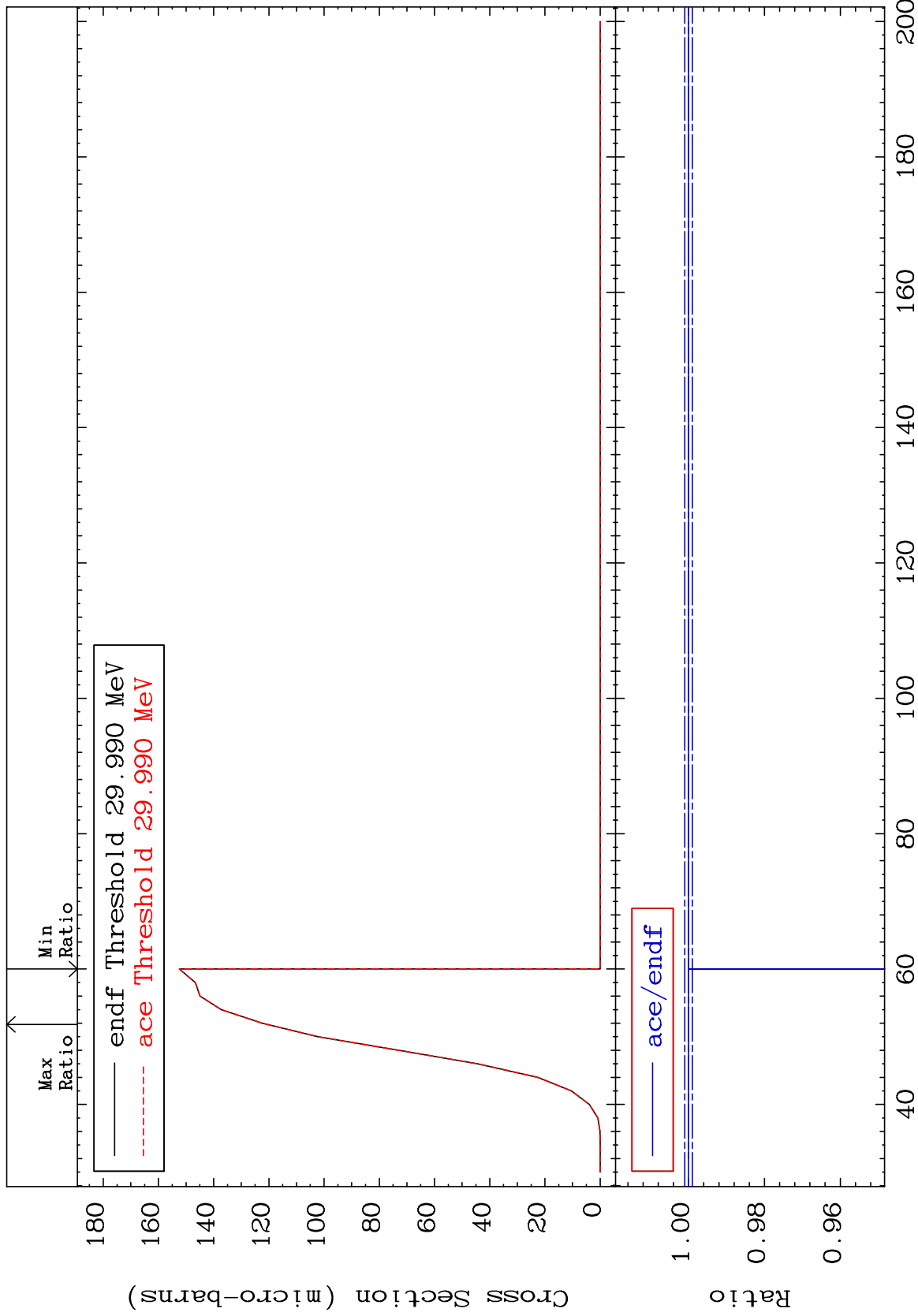
82

16-S -34

MAT 1631

(n,ph)  
Cross Section

16-S -34  
-100.0 To 0.000 %



83

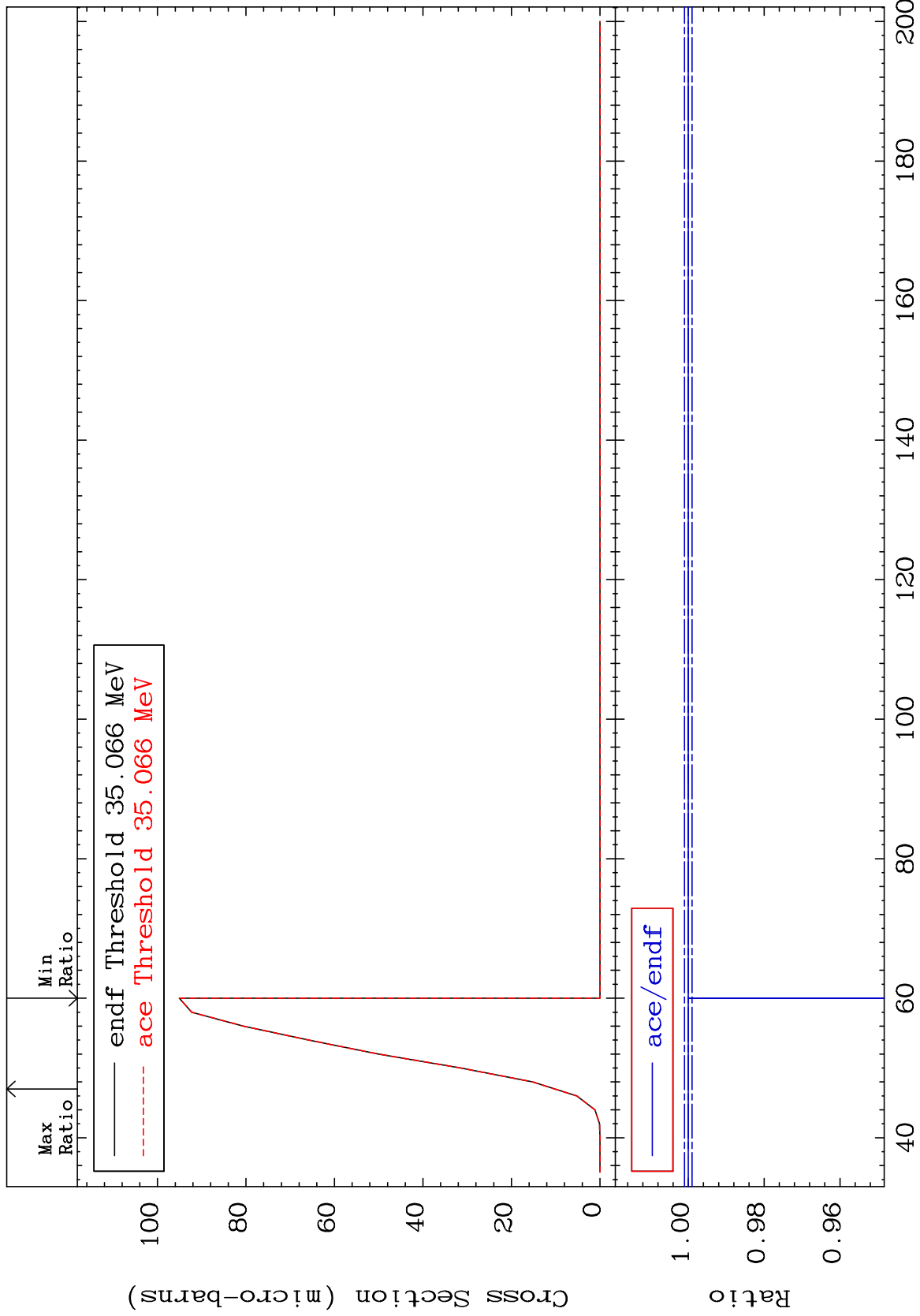
Incident Energy (MeV)

16-S -34

MAT 1631

(n, dh)  
Cross Section

16-S -34  
-100.0 To 0.000 %



84

Incident Energy (MeV)

16-S -34

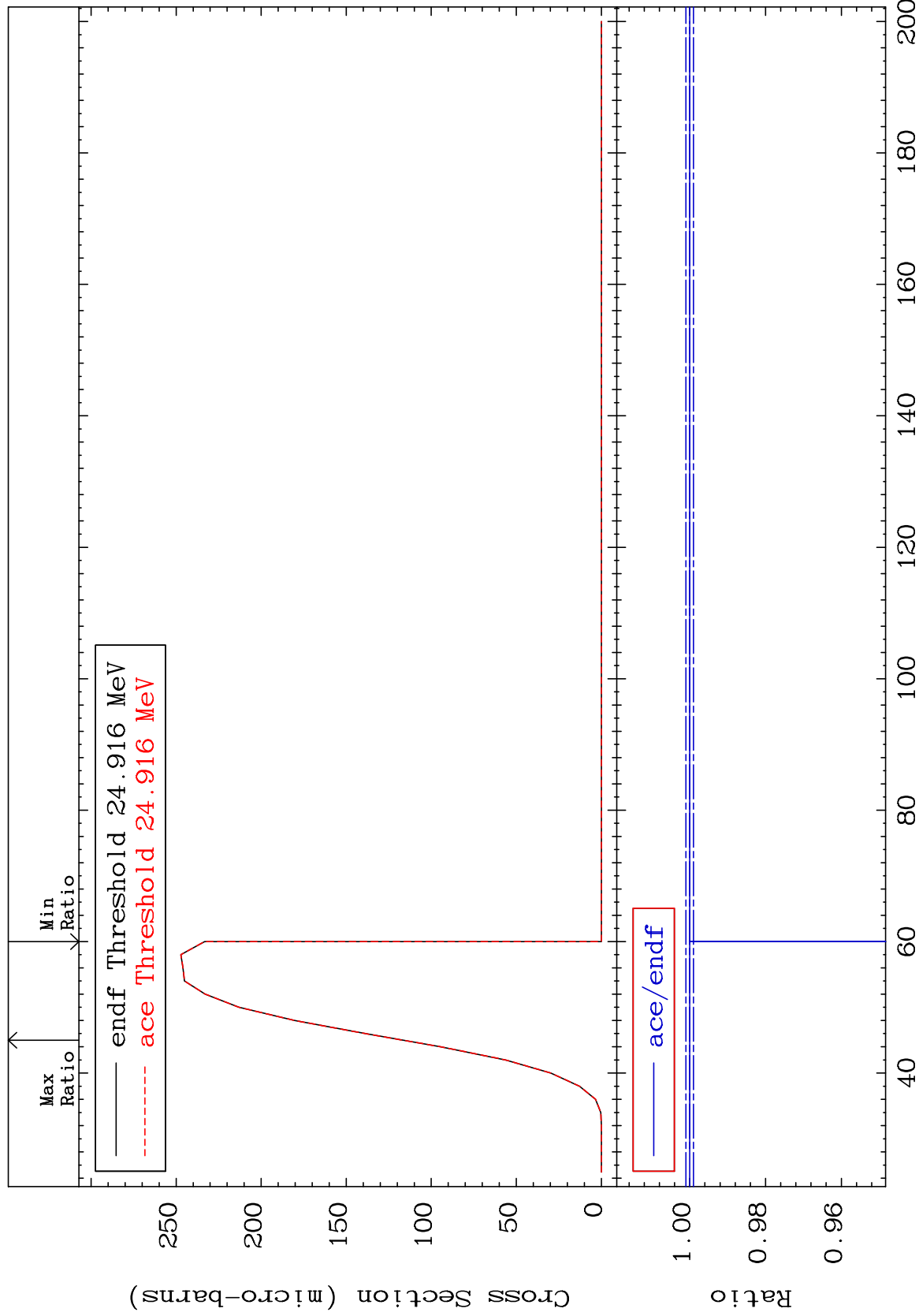
MAT 1631

(n, h $\alpha$ )

16-S -34

Cross Section

-100.0 To 0.000 %



85

Incident Energy (MeV)

16-S -34

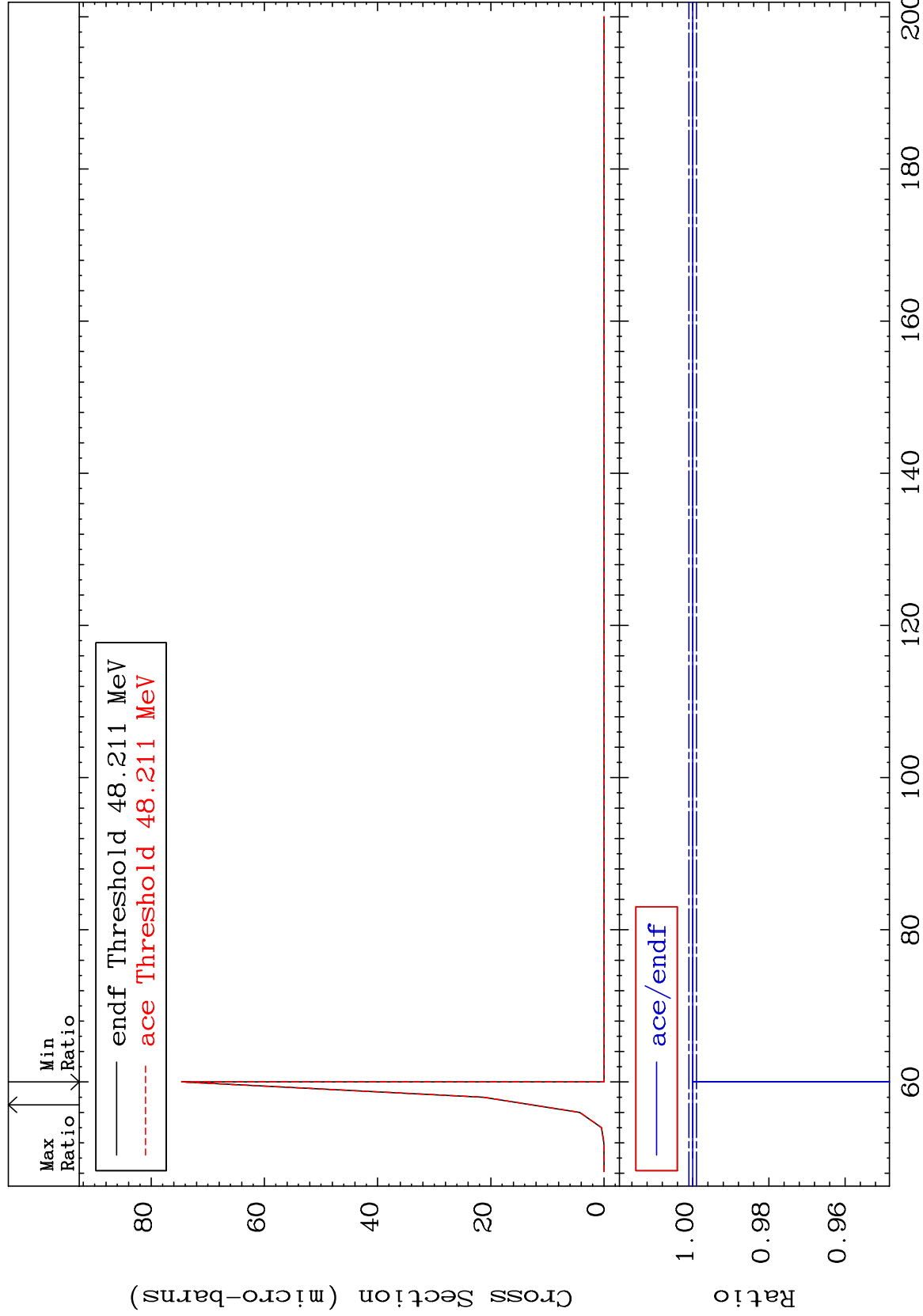
MAT 1631

(n, 4n2p)

16-S -34

Cross Section

-100.0 To 0.000 %



86

16-S -34

16-S -34

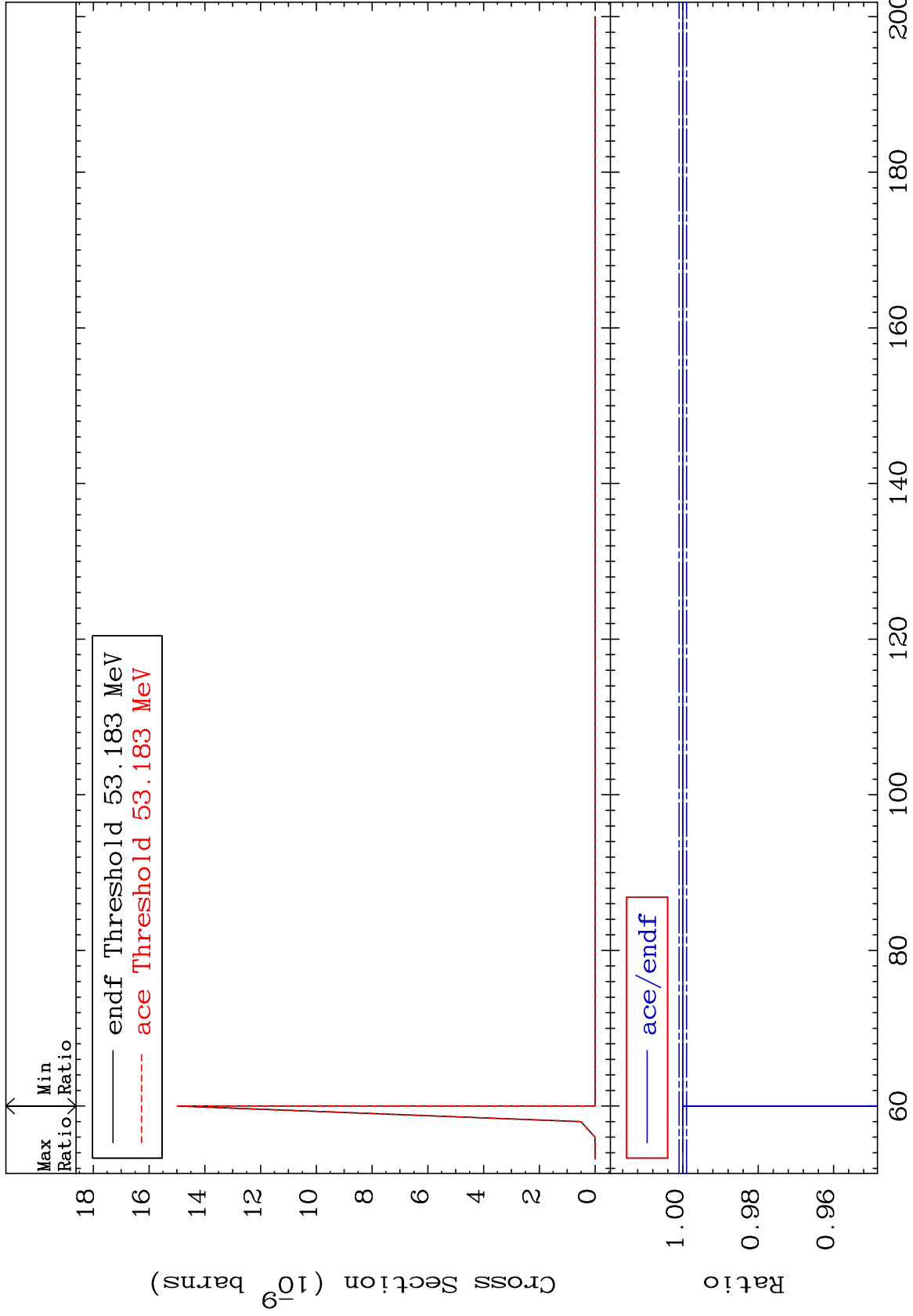
MAT 1631

(n, 4npα)

16-S -34

Cross Section

-100.0 To 0.000 %



87

Incident Energy (MeV)

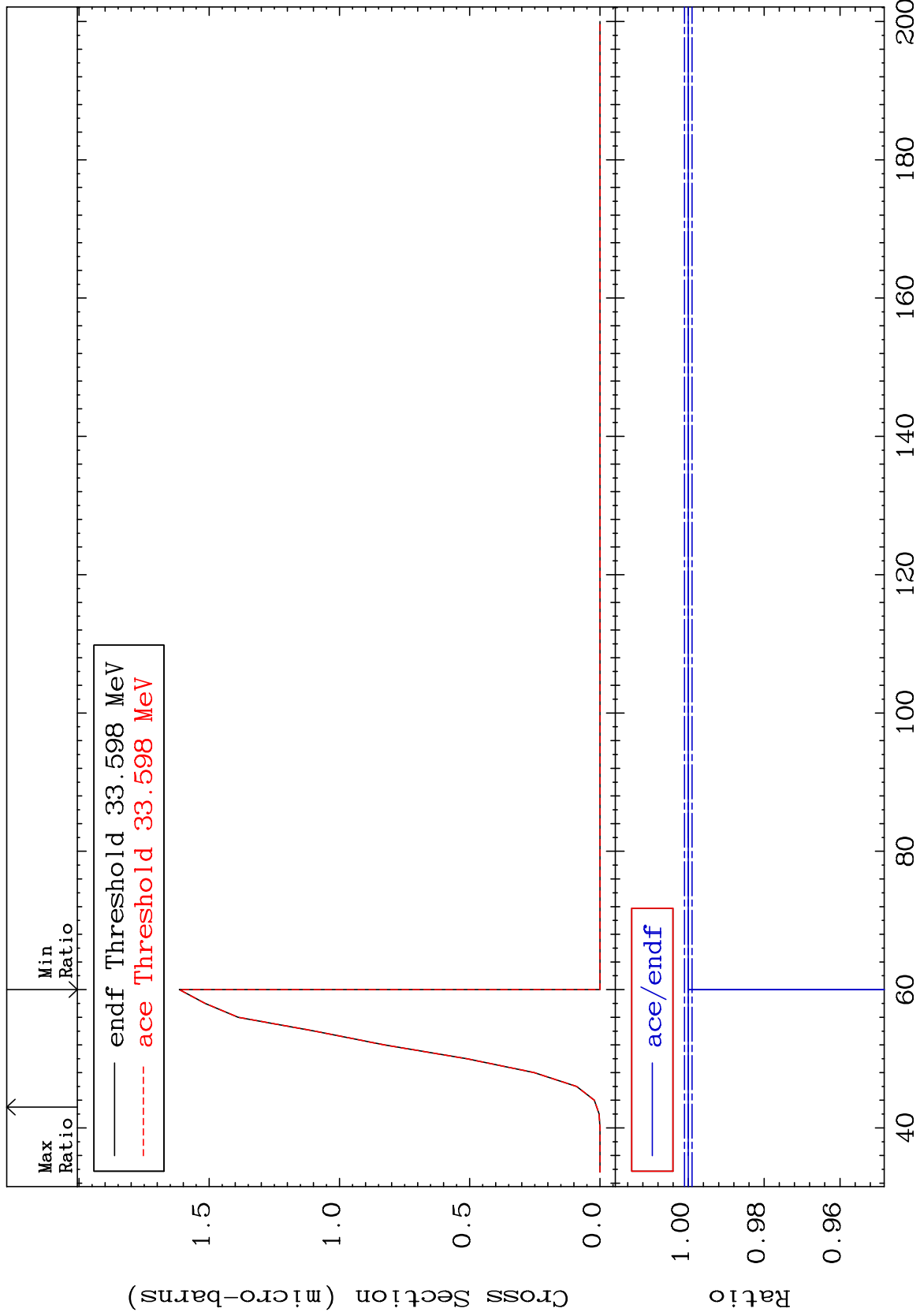
16-S -34



MAT 1631

(n,3p)  
Cross Section

16-S -34  
-100.0 To 0.000 %



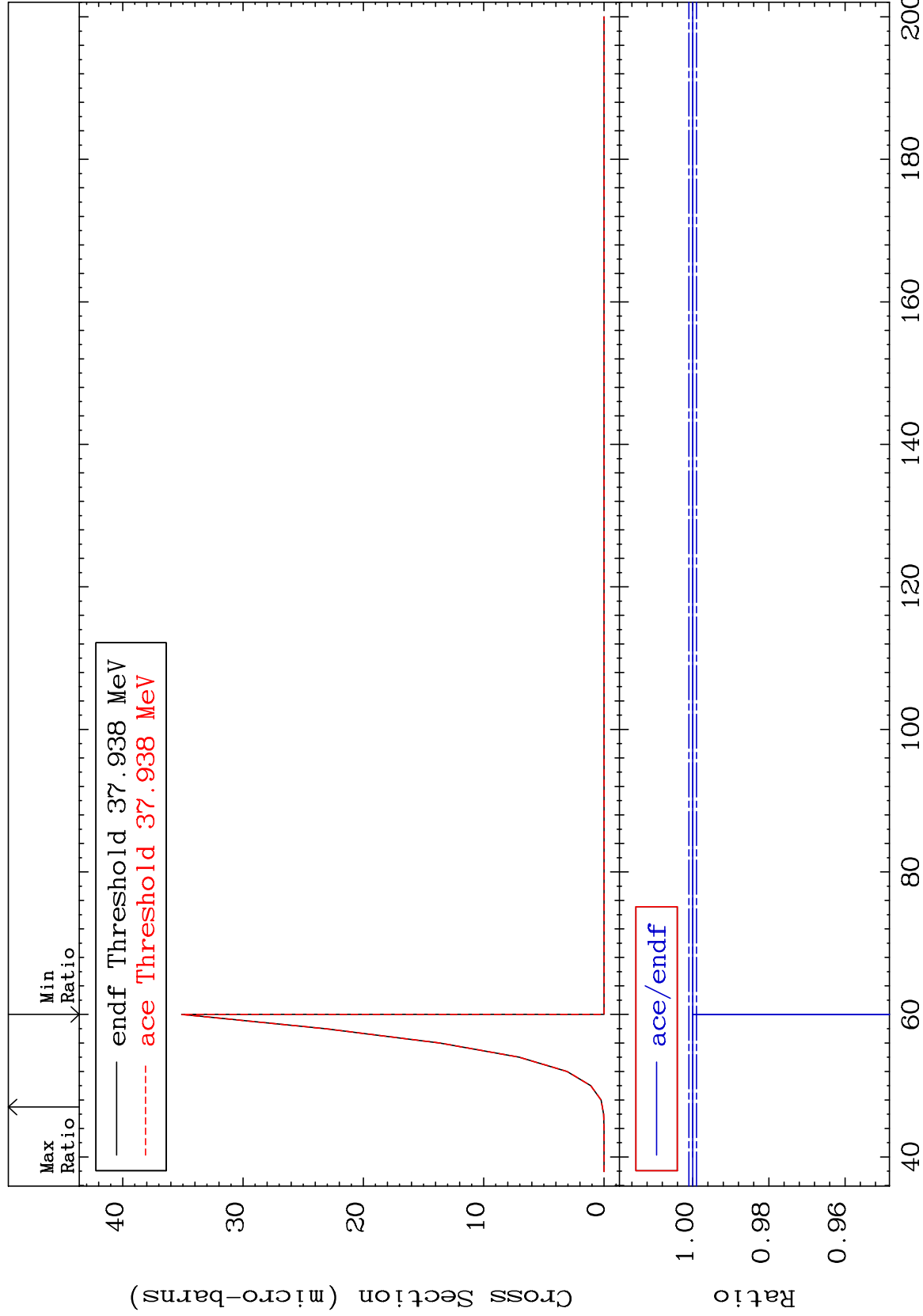
MAT 1631

(n, n'3p)

16-S -34

Cross Section

-100.0 To 0.000 %



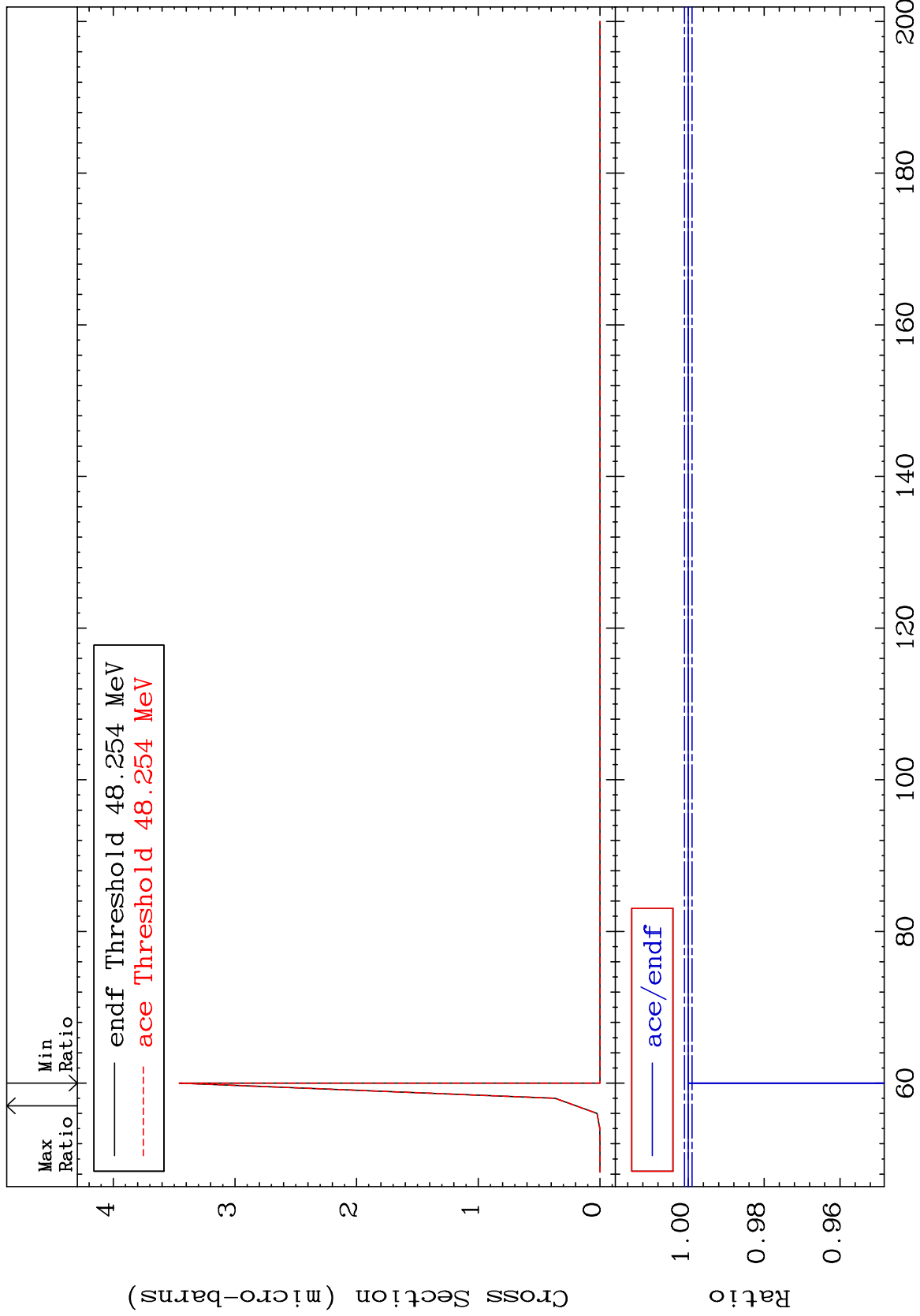
89

16-S -34

MAT 1631

(n,3n2pα)  
Cross Section

16-S -34  
-100.0 To 0.000 %



90

Incident Energy (MeV)

16-S -34