

Program EVALPLOT  
(Version 2018-1)

by

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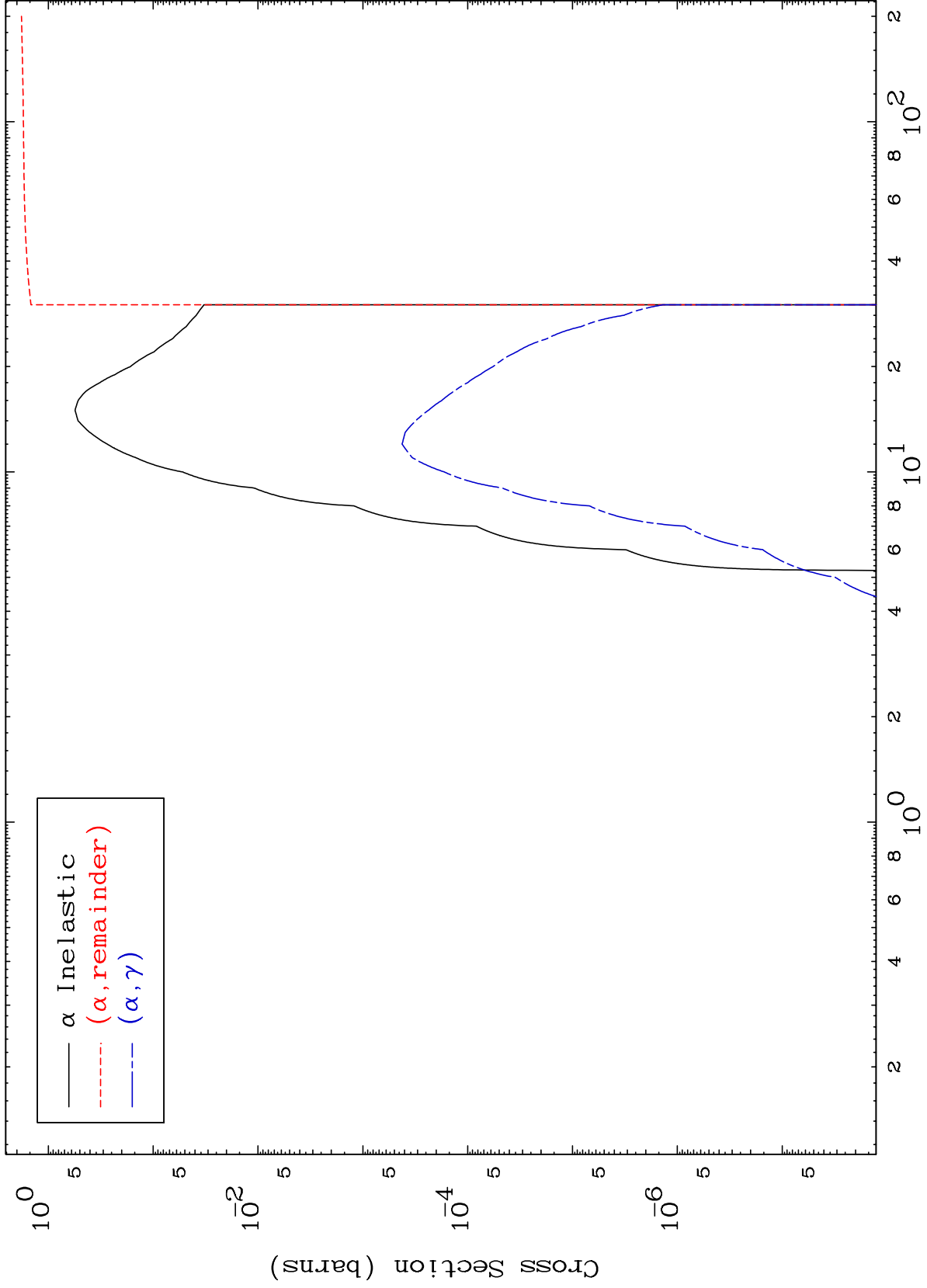
Press Mouse Button to Start

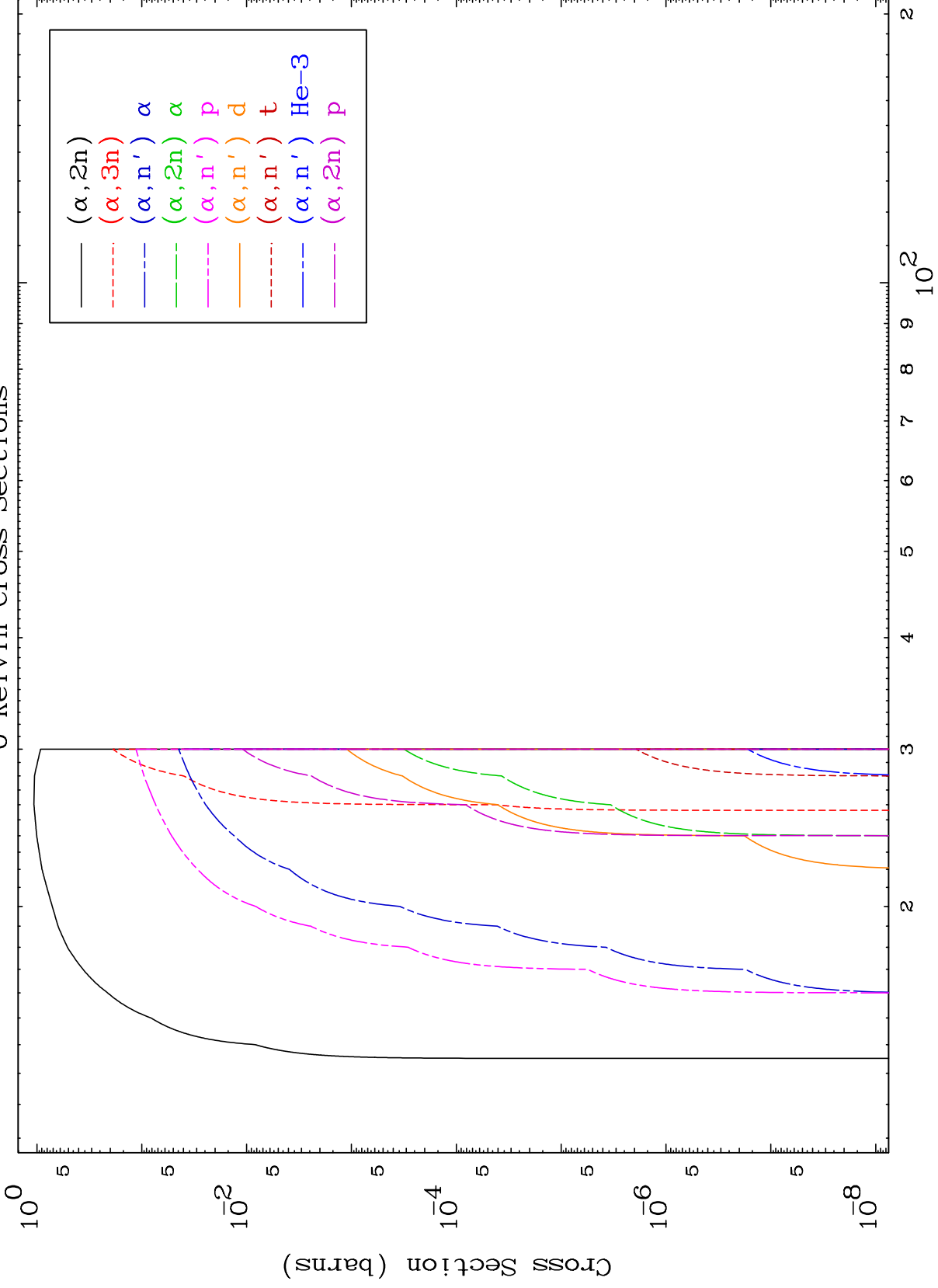
MAT 3437

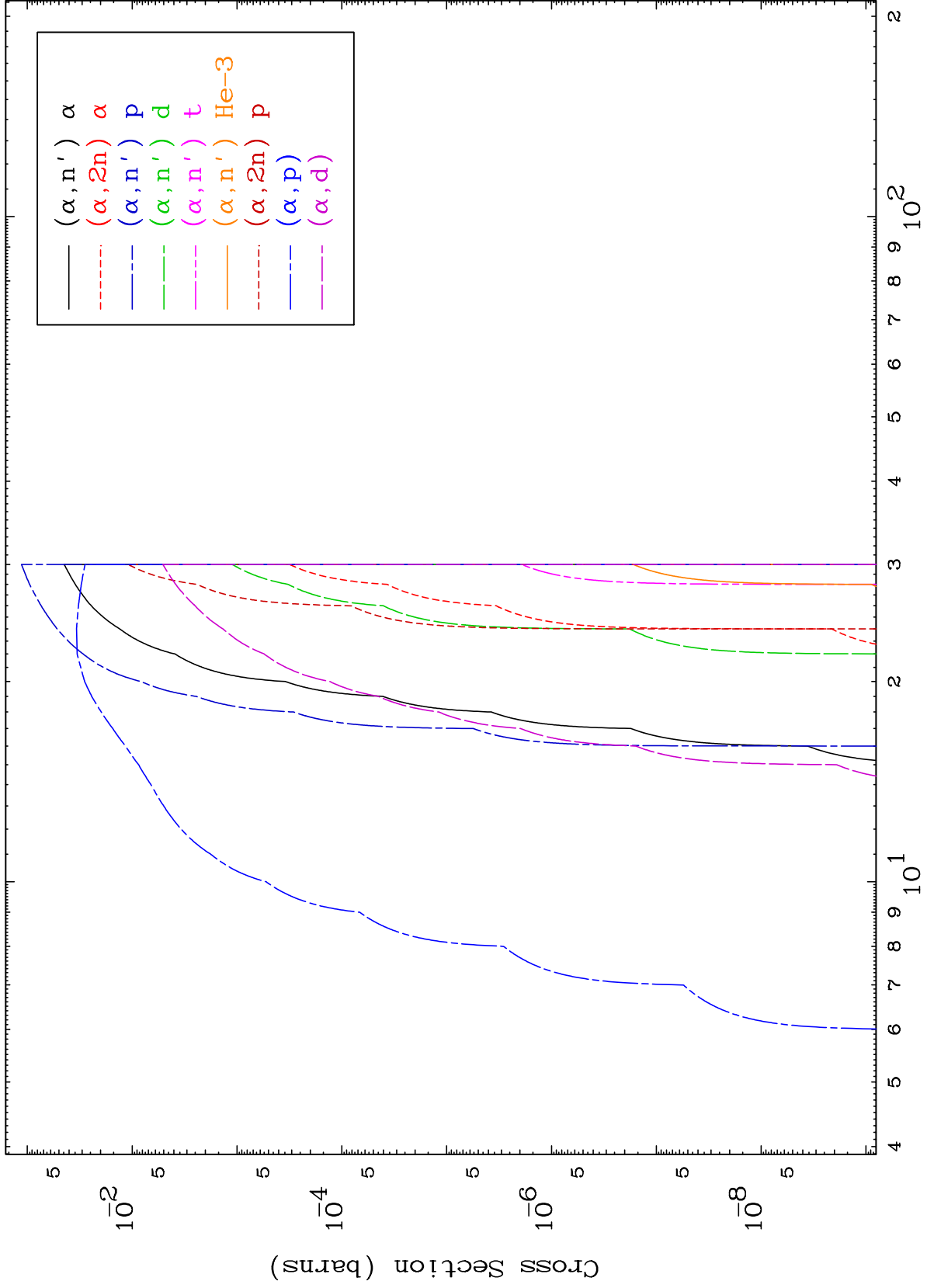
$\alpha$  Major

$^{34}\text{Se-78}$

0 Kelvin Cross Sections



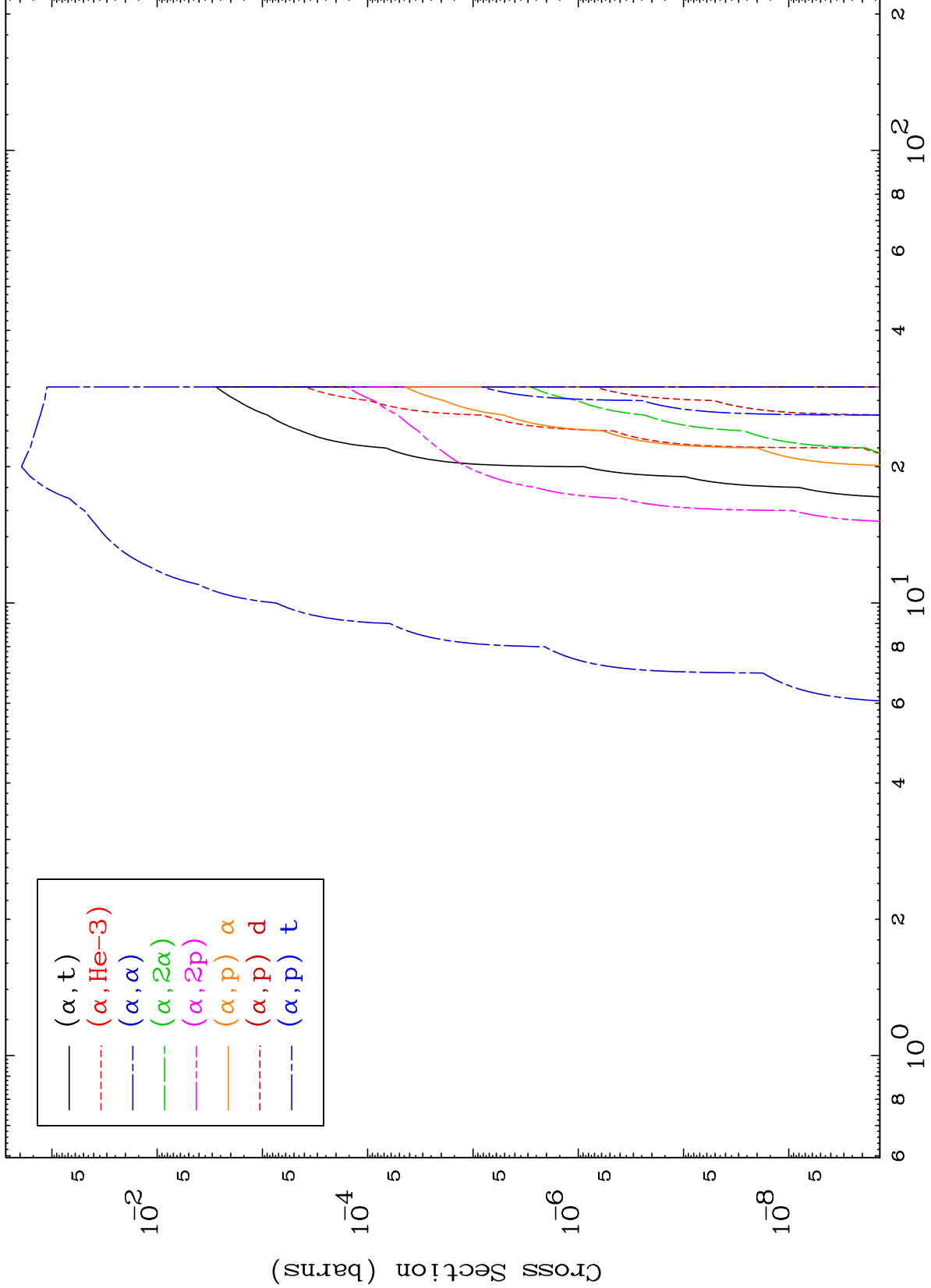




MAT 3437

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

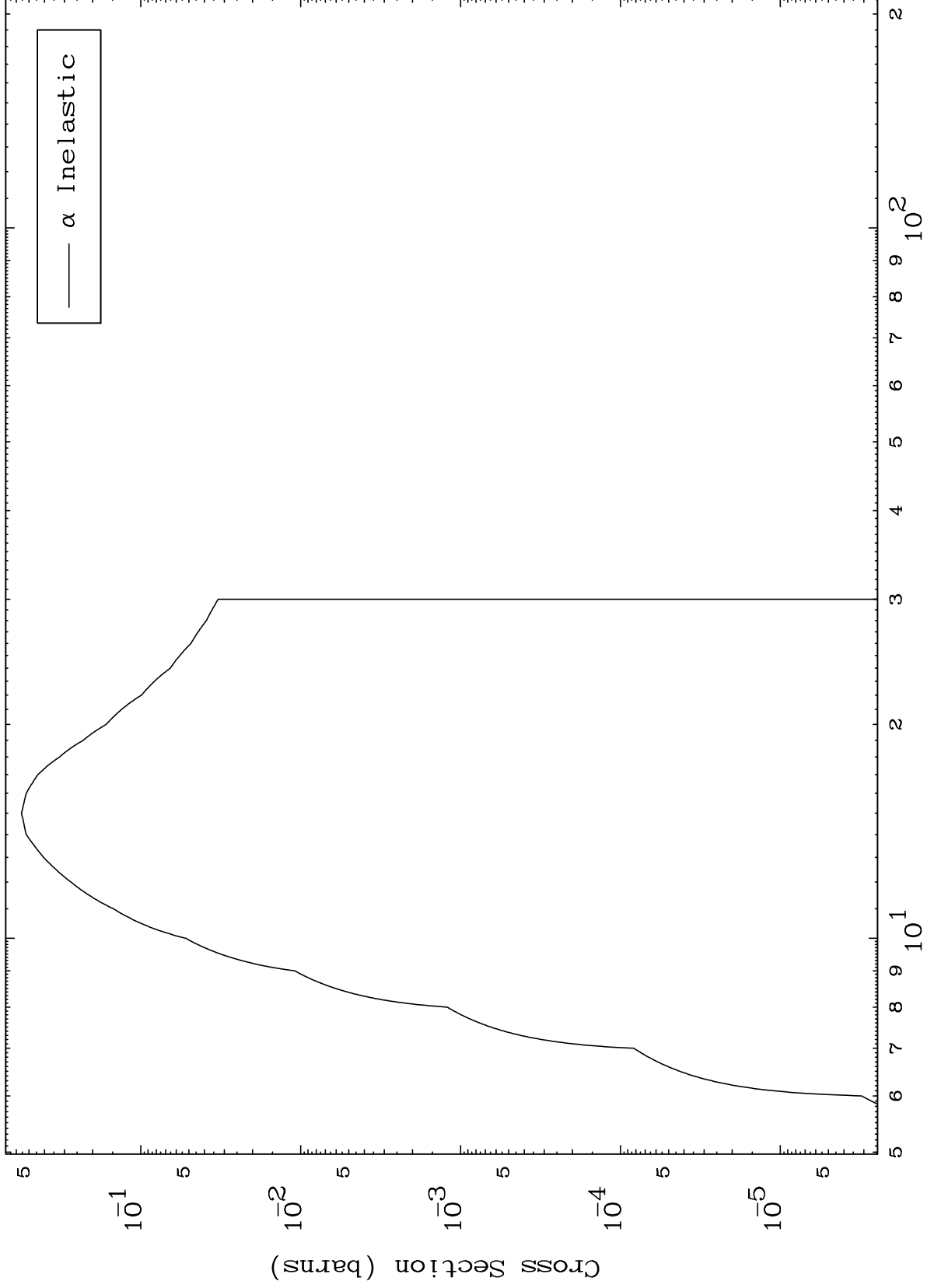
<sup>34</sup>Se-78



MAT 3437

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

$^{34}\text{Se-78}$



5

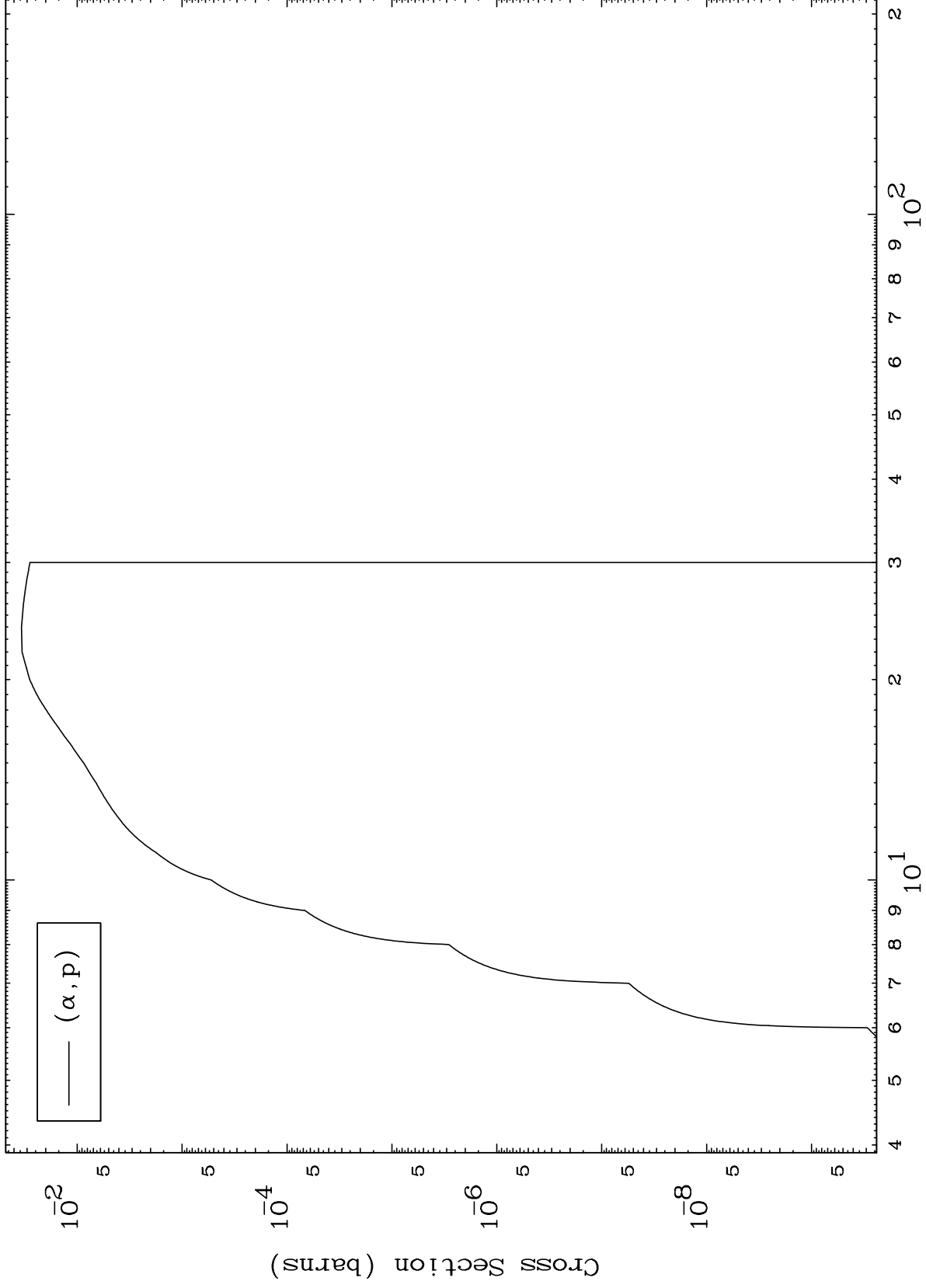
Incident Energy (MeV)

$^{34}\text{Se-78}$

MAT 3437

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

$^{34}\text{Se-78}$



Incident Energy (MeV)

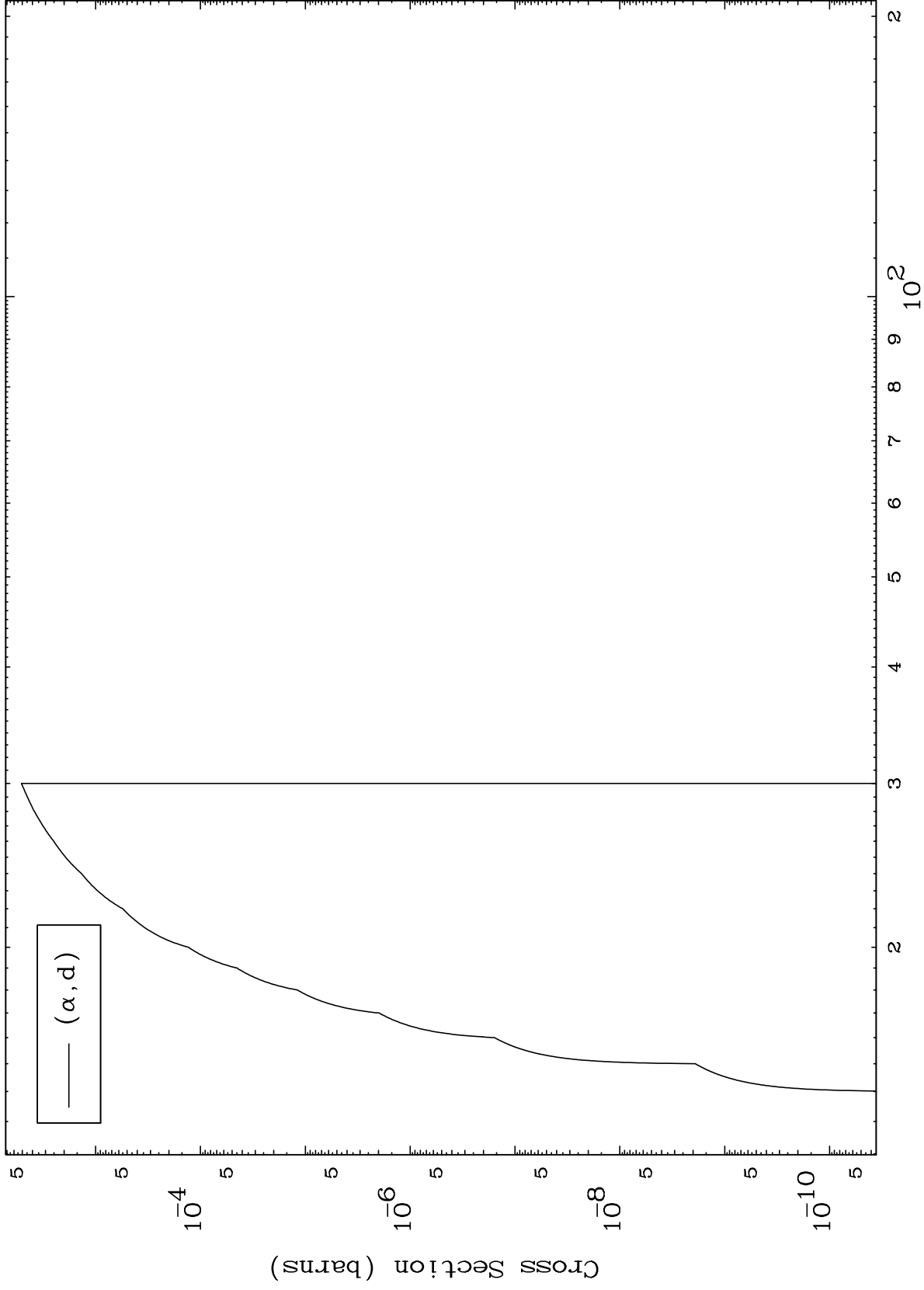
$^{34}\text{Se-78}$

6

MAT 3437

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

$^{34}\text{Se-78}$

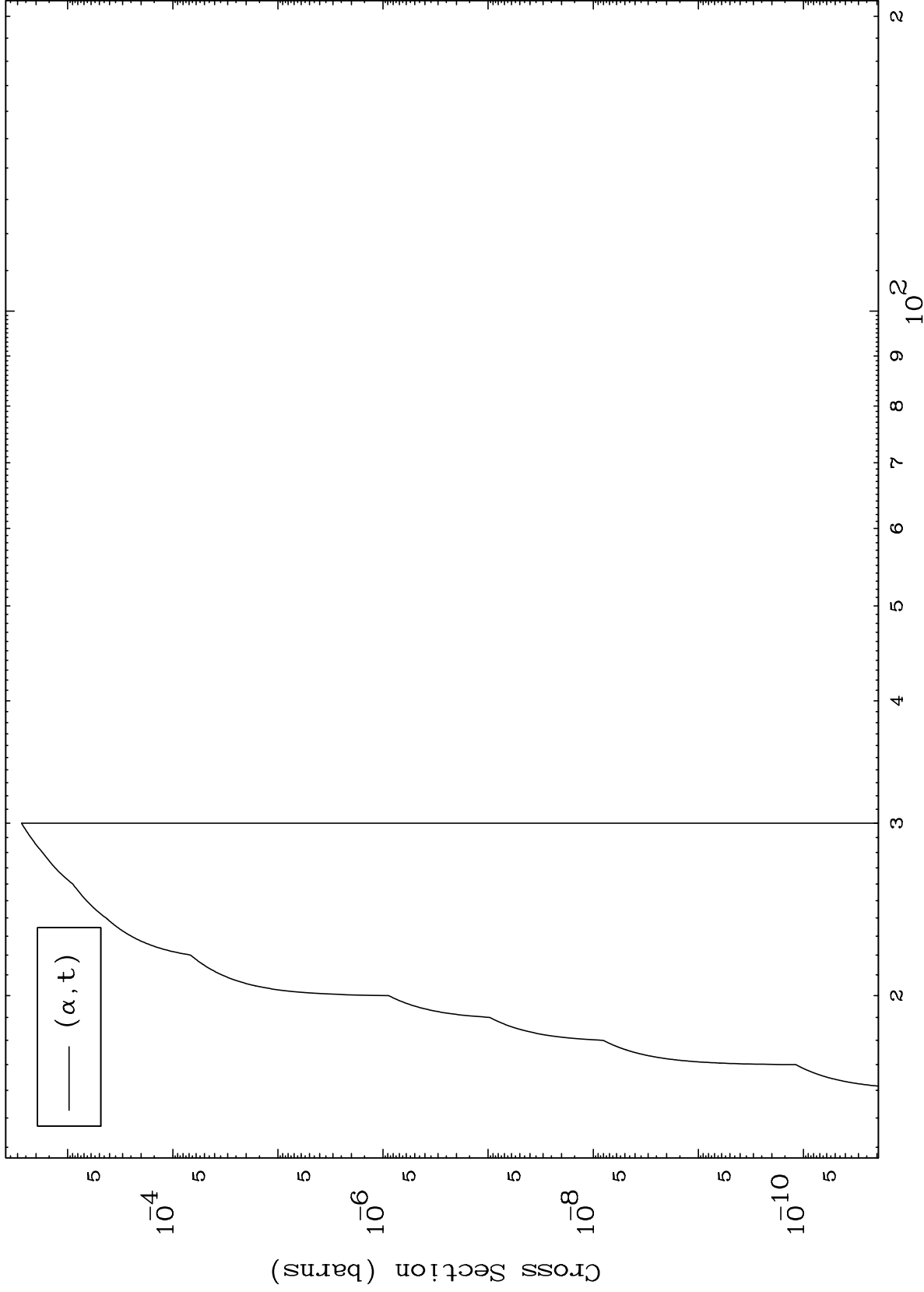


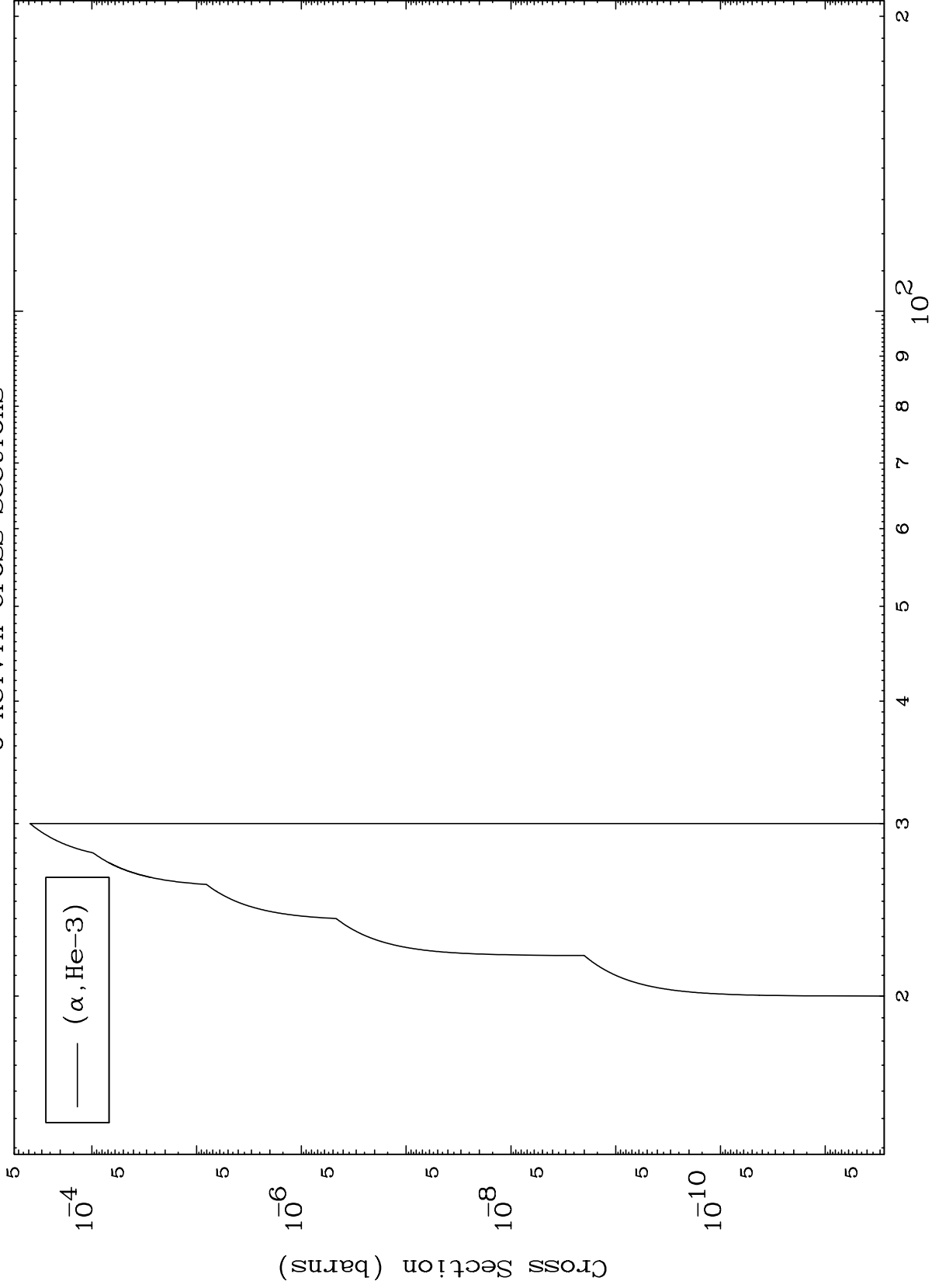
7

Incident Energy (MeV)

$^{34}\text{Se-78}$





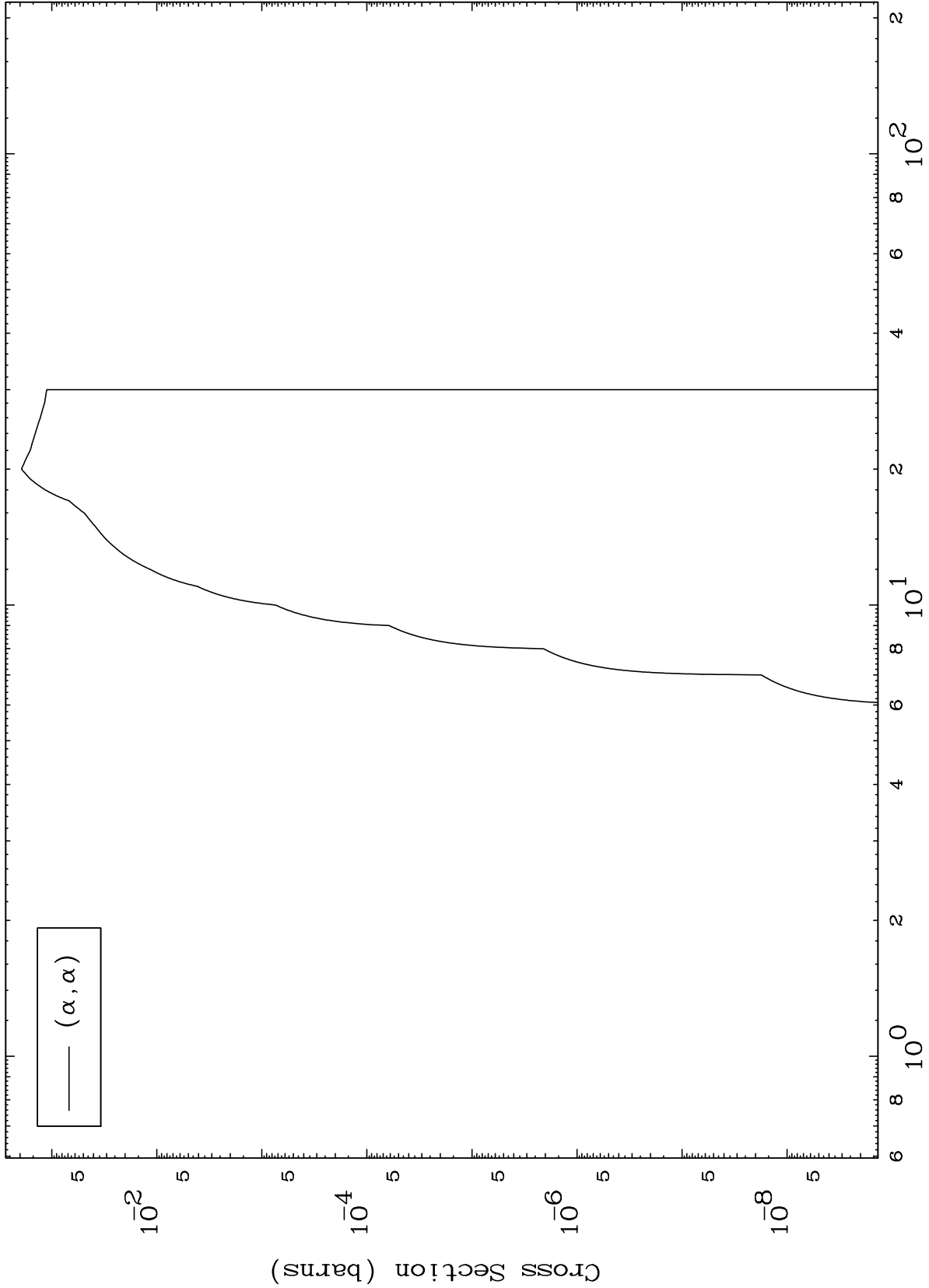


MAT 3437

( $\alpha, \alpha$ ) Levels

$^{34}\text{Se-78}$

0 Kelvin Cross Sections



$^{34}\text{Se-78}$

Incident Energy (MeV)

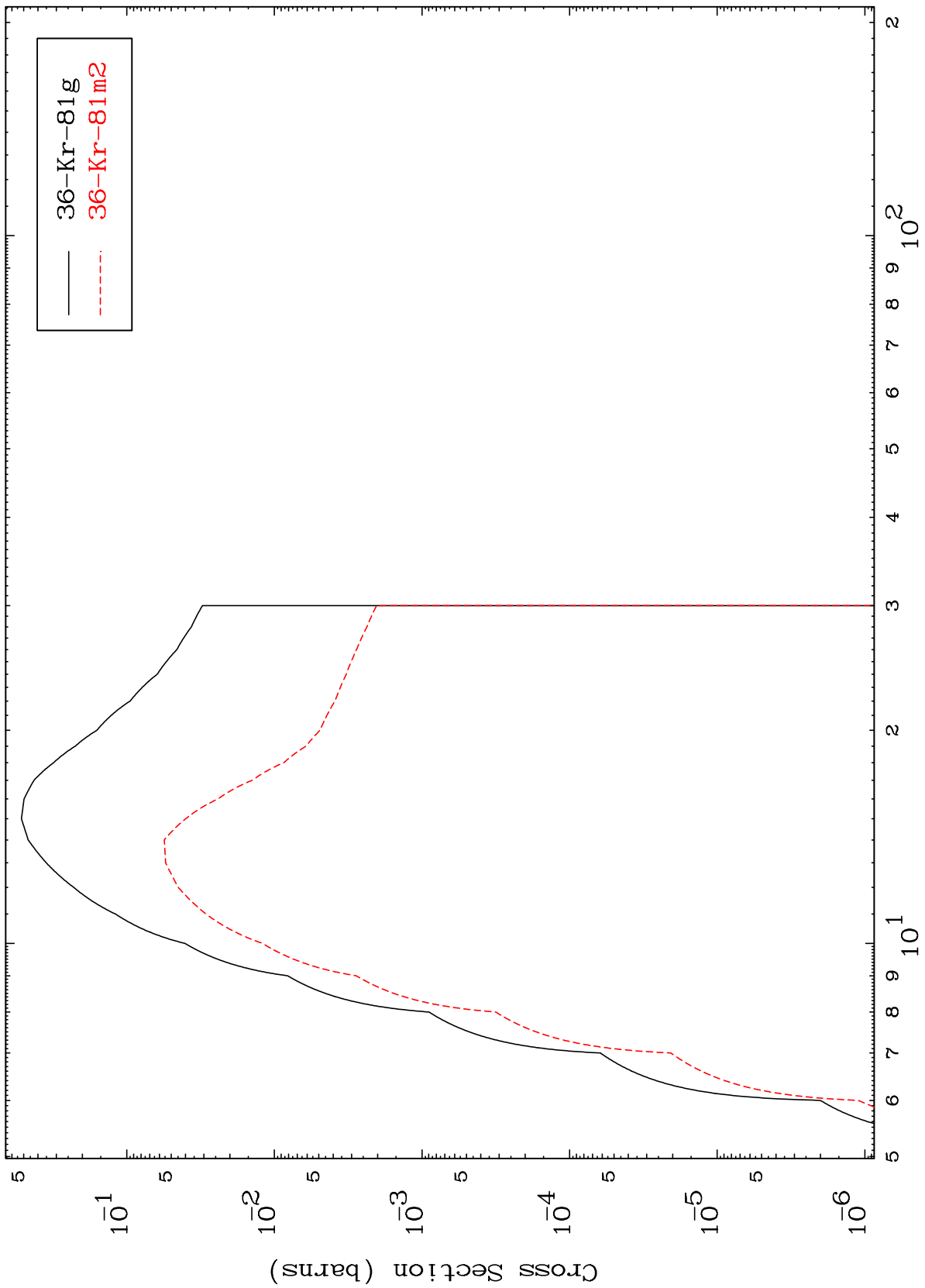
10

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34-Se-78

Radionuclide Production Cross Section

$\alpha$  Inelastic



11

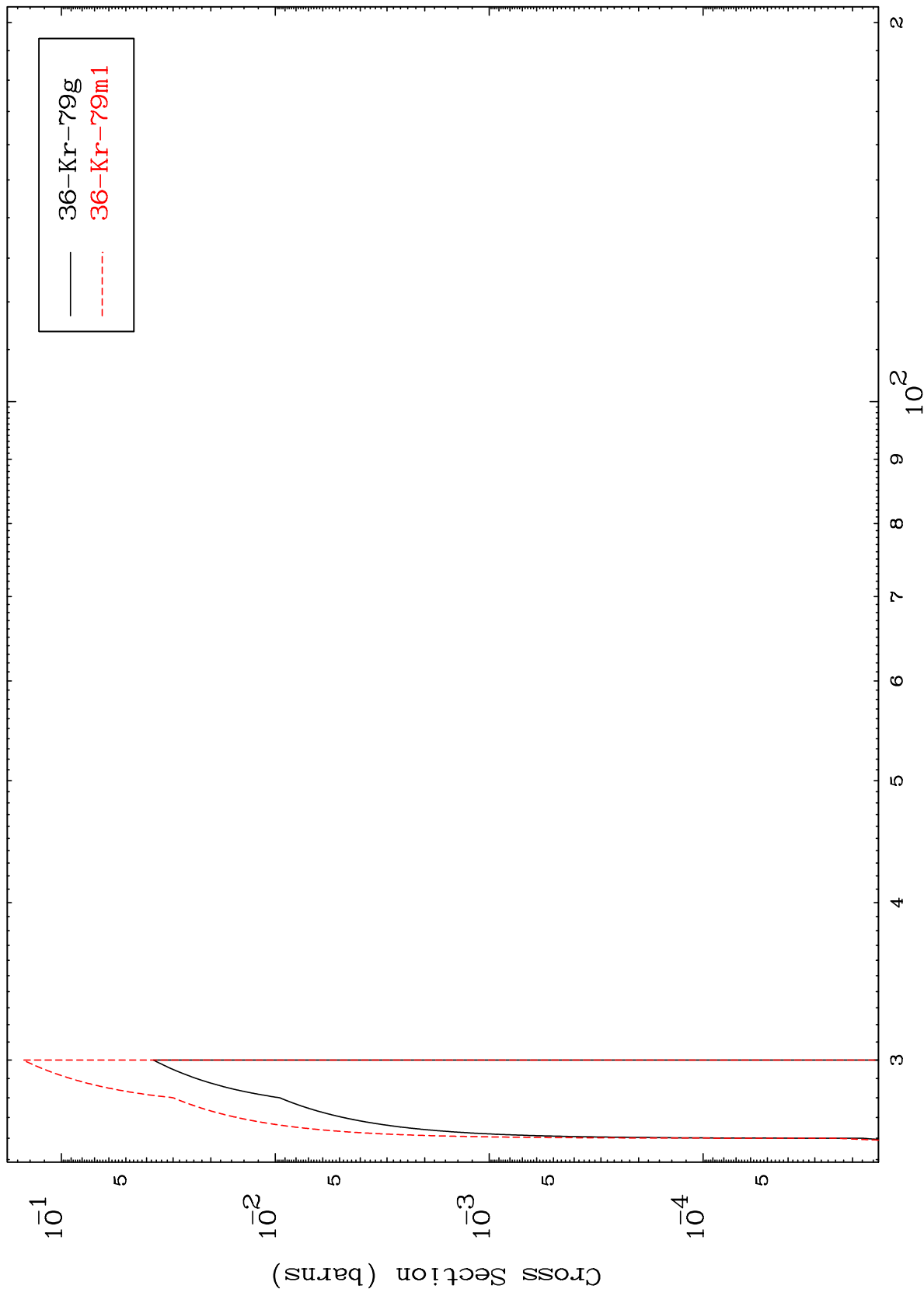
Incident Energy (MeV)

34-Se-78

MAT 3437

<sup>34</sup>Se-78

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



<sup>34</sup>Se-78

Incident Energy (MeV)

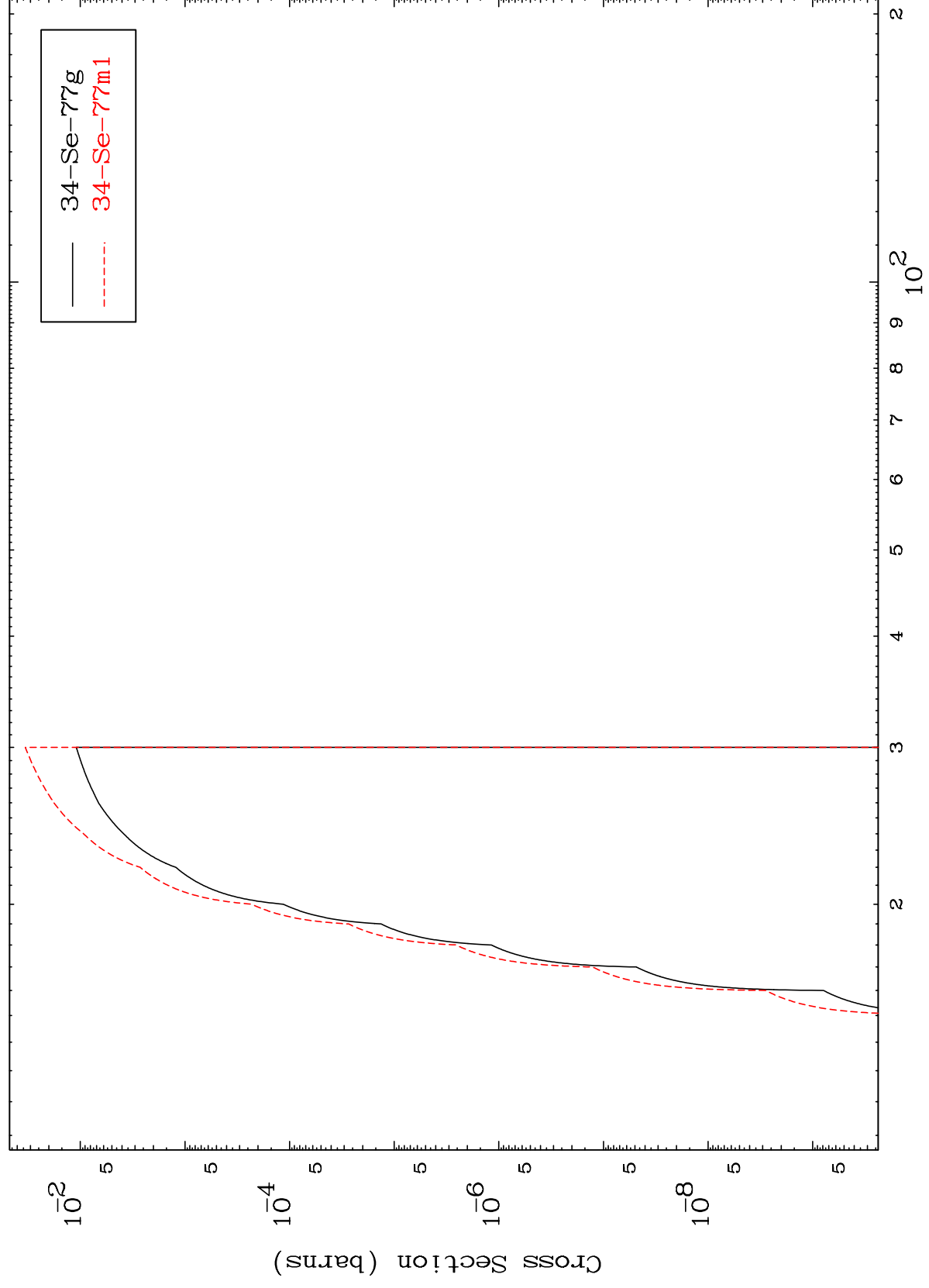
12

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$(\alpha, n')$   $\alpha$

$^{34}\text{Se-78}$

Radionuclide Production Cross Section



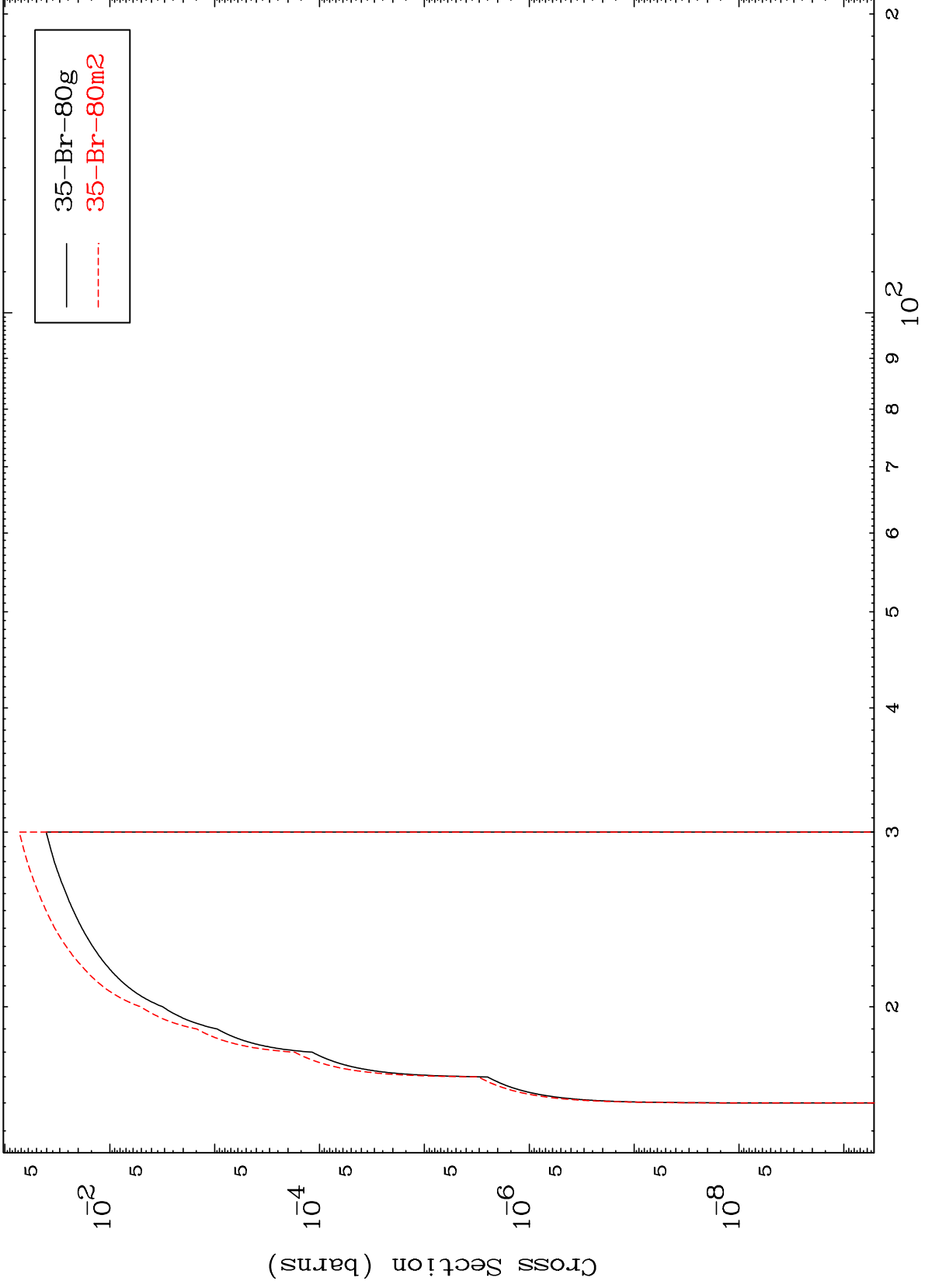
—  $^{34}\text{Se-77g}$   
- - -  $^{34}\text{Se-77m1}$

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$(\alpha, n')$  p

<sup>34</sup>Se-78

Radionuclide Production Cross Section



14

Incident Energy (MeV)

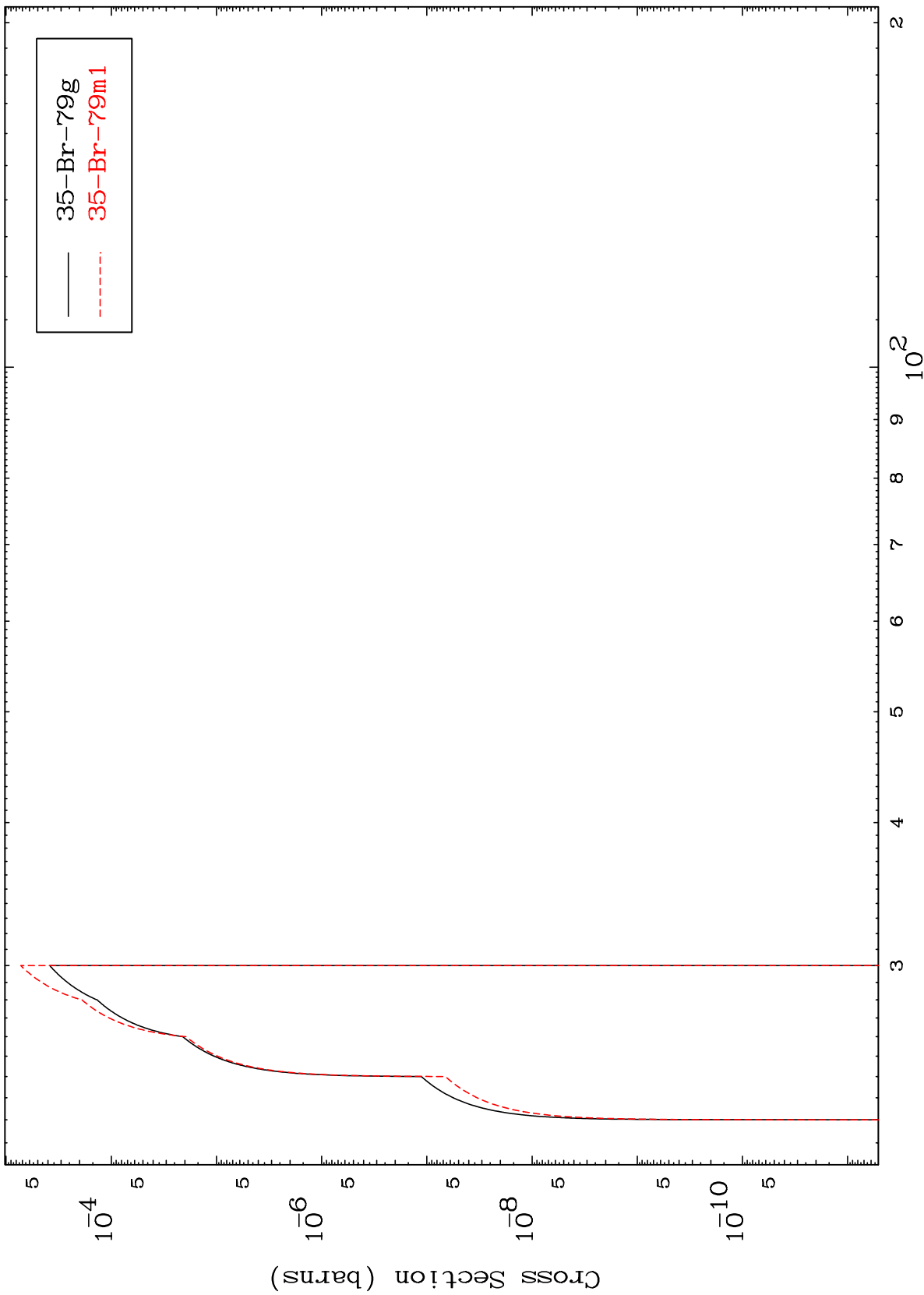
<sup>34</sup>Se-78

MAT 3437

( $\alpha, n'$ ) d

<sup>34</sup>Se-78

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>34</sup>Se-78

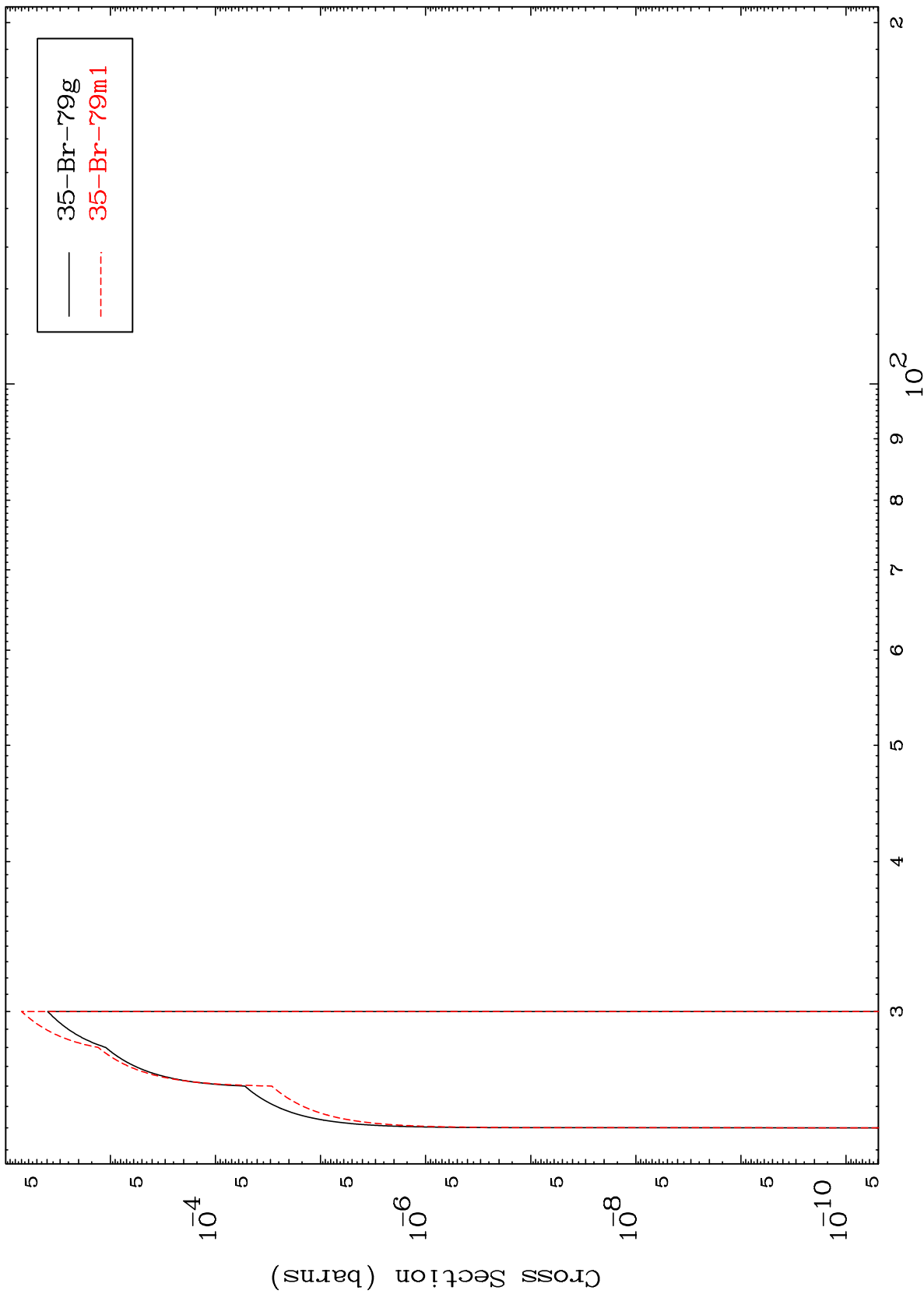


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$(\alpha, 2n)$  p

$^{34}\text{Se-78}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

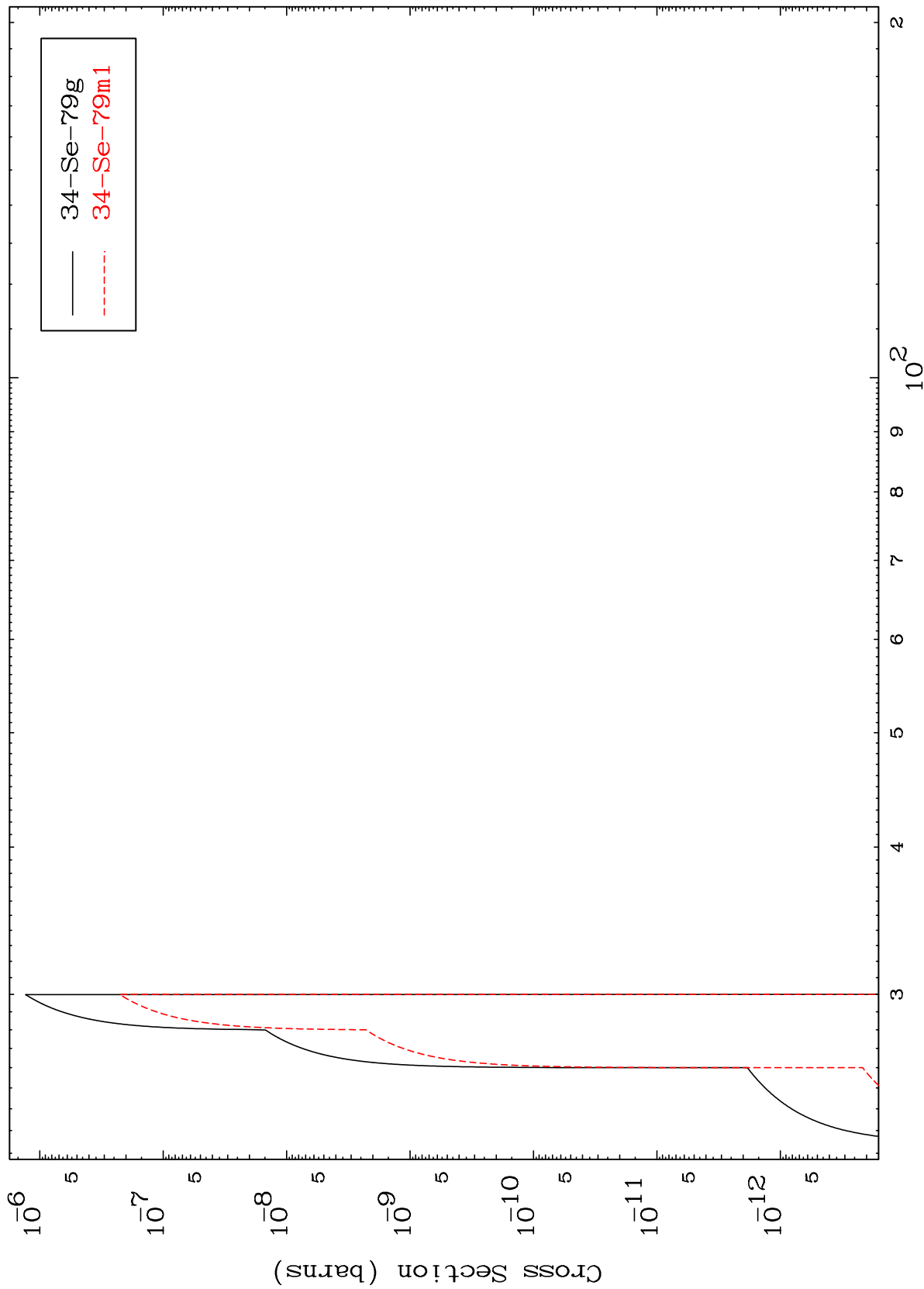
$^{34}\text{Se-78}$

MAT 3437

$(\alpha, 2n)$  p

$^{34}\text{Se-78}$

Radionuclide Production Cross Section

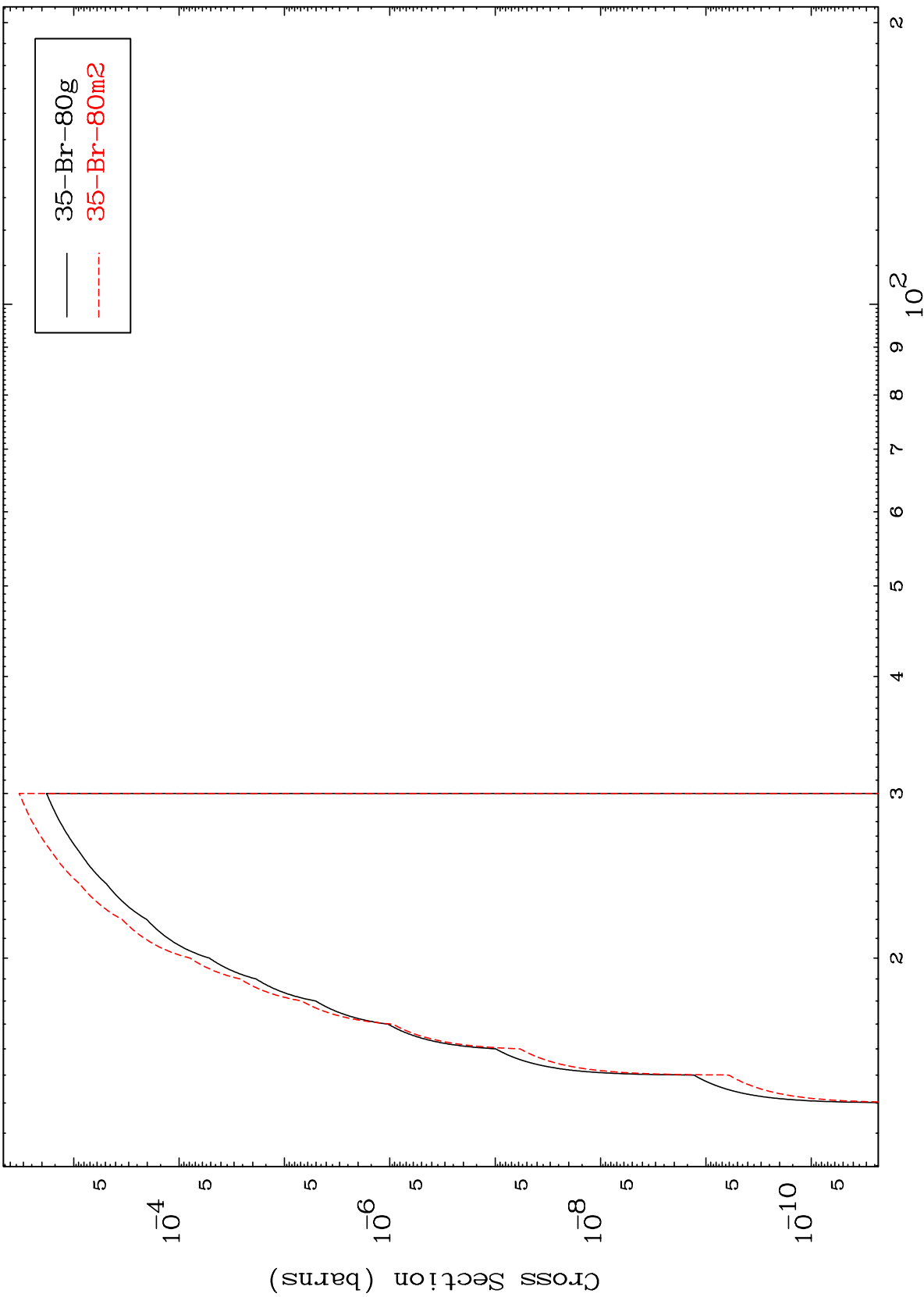


17

Incident Energy (MeV)

$^{34}\text{Se-78}$

Radionuclide Production Cross Section

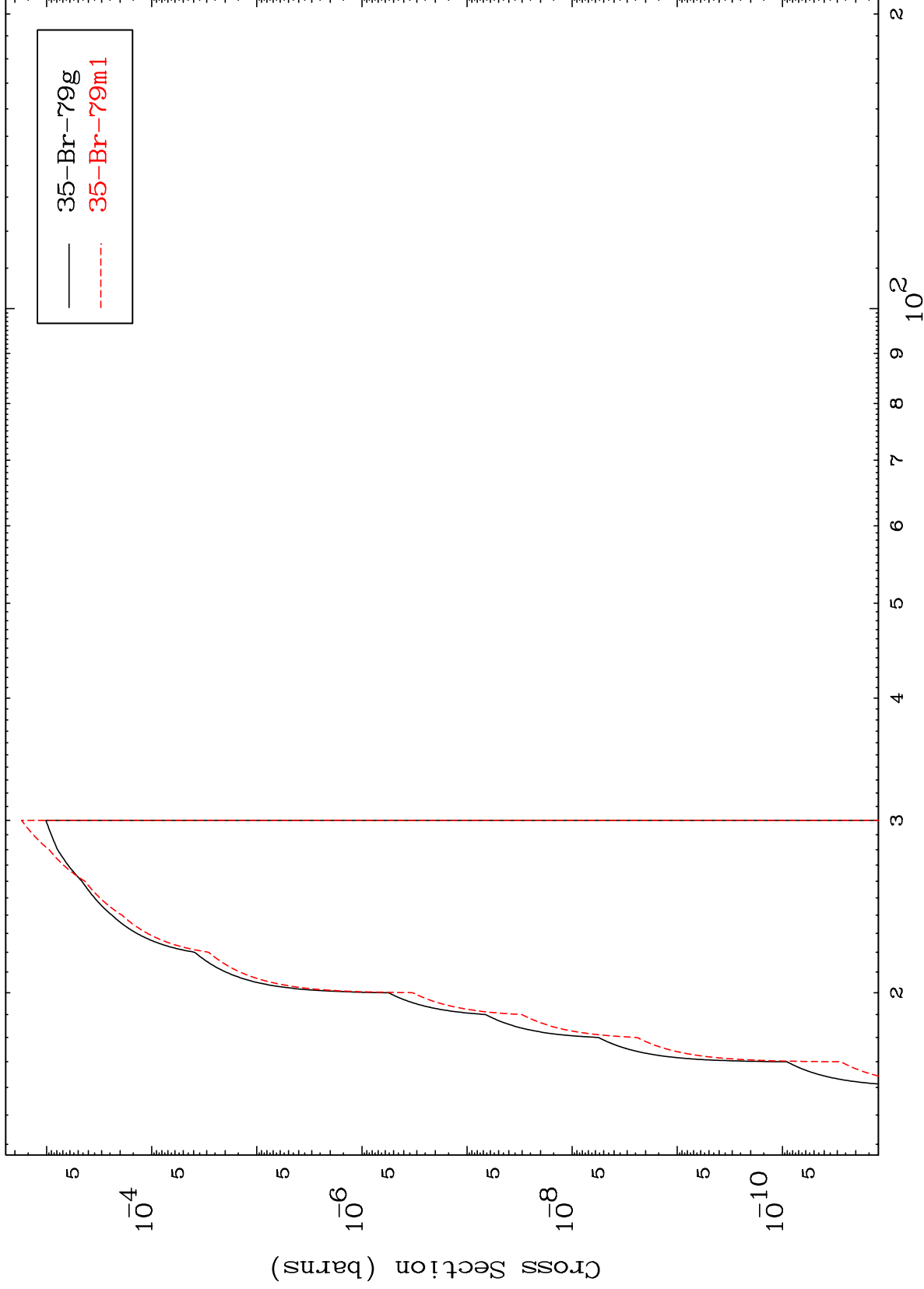


MAT 3437

( $\alpha, t$ )

34-Se-78

Radionuclide Production Cross Section



19

Incident Energy (MeV)

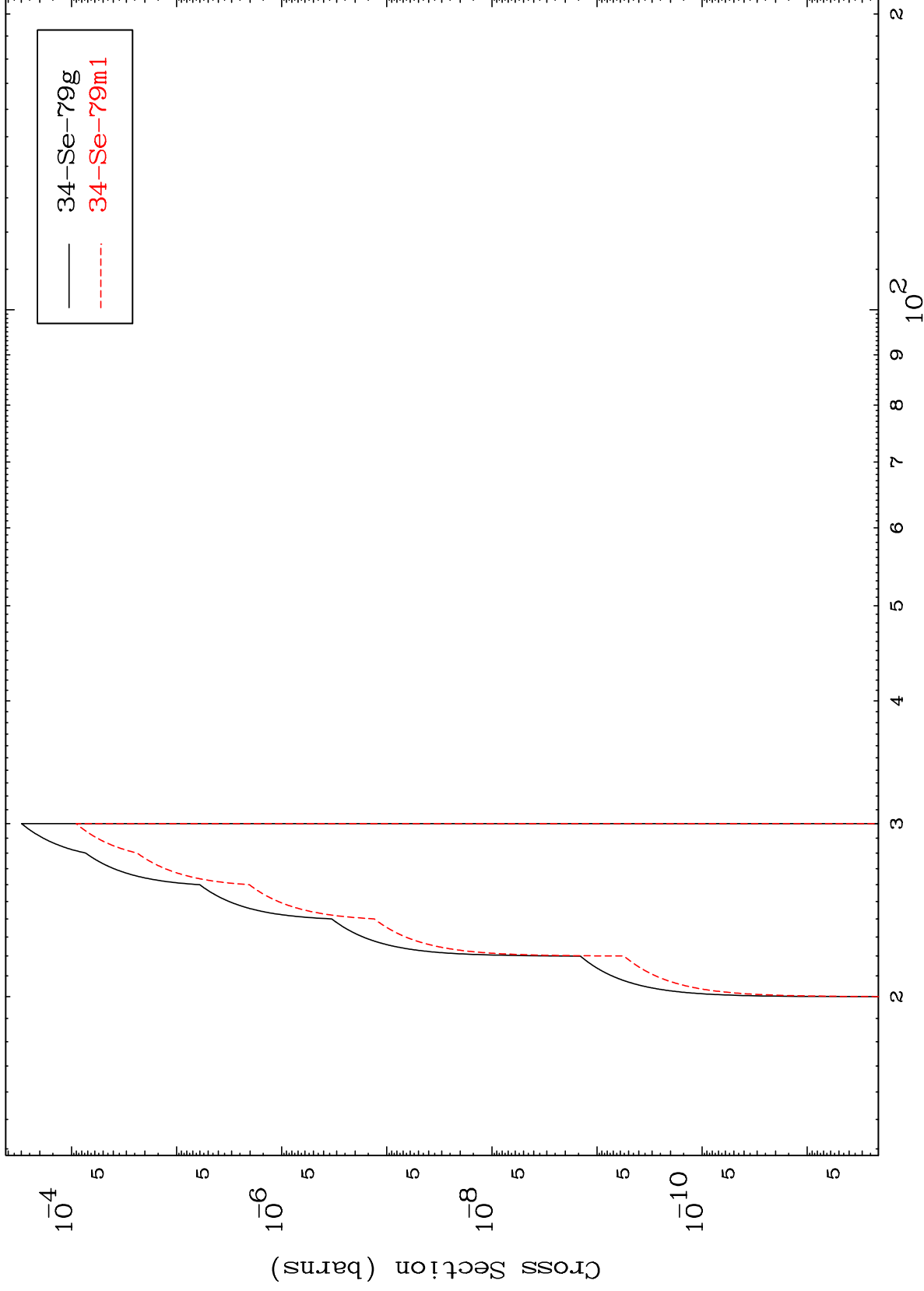
34-Se-78

MAT 3437

( $\alpha, \text{He-3}$ )

$^{34}\text{Se-78}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

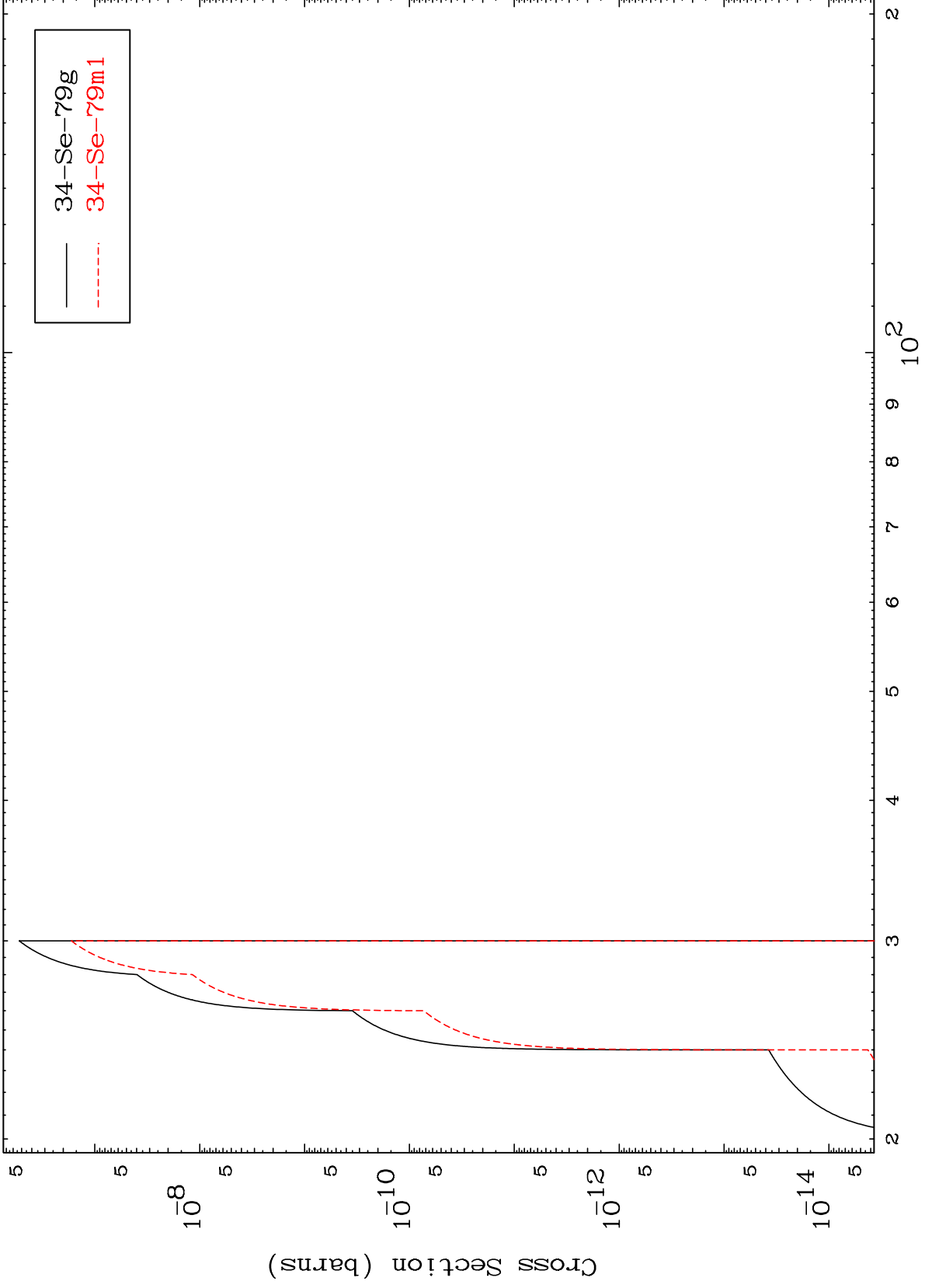
$^{34}\text{Se-78}$

MAT 3437

( $\alpha, p$ ) d

<sup>34</sup>Se-78

Radionuclide Production Cross Section



21

Incident Energy (MeV)

<sup>34</sup>Se-78