

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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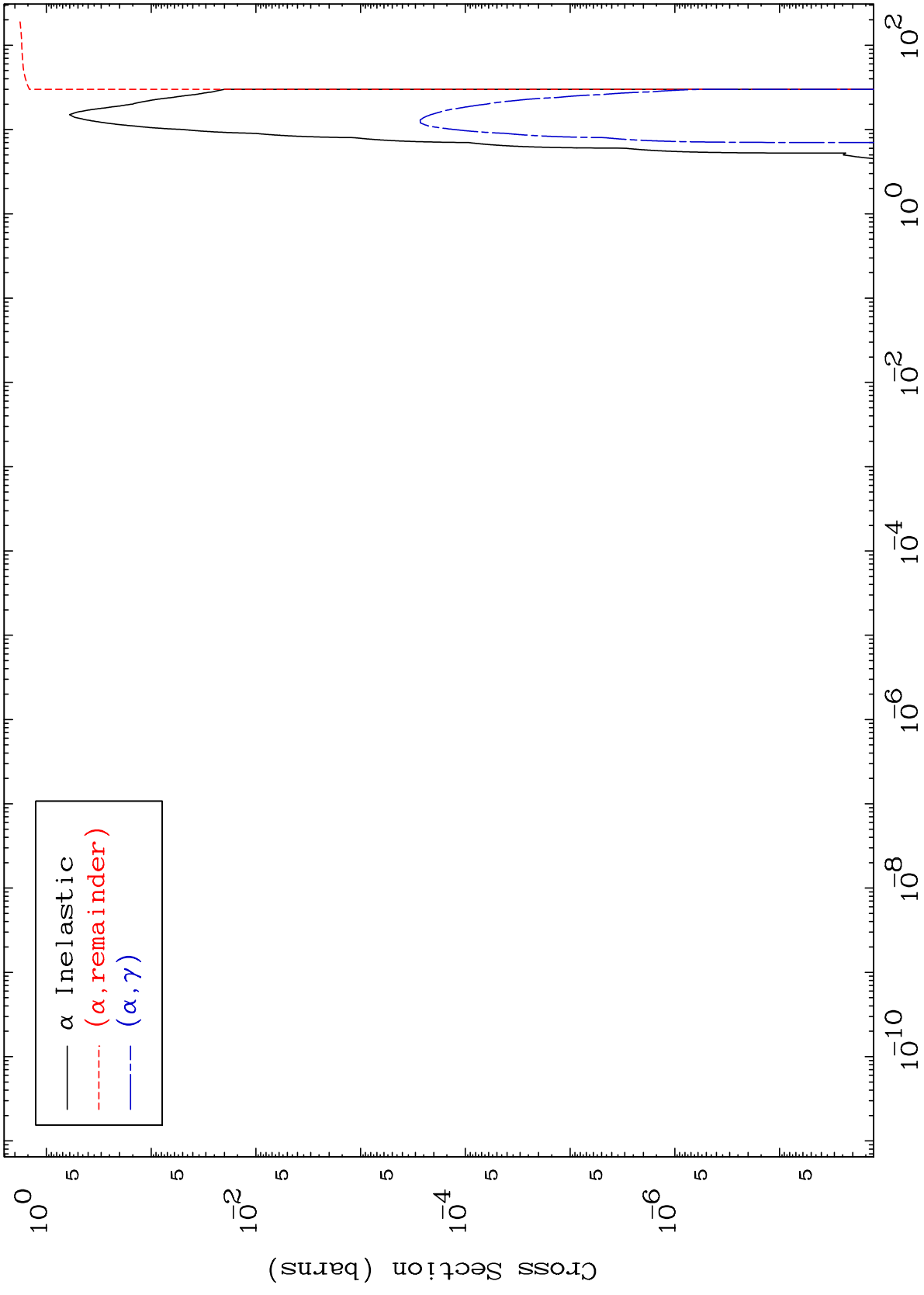
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3435

0 Kelvin  $\alpha$  Major  
Cross Sections

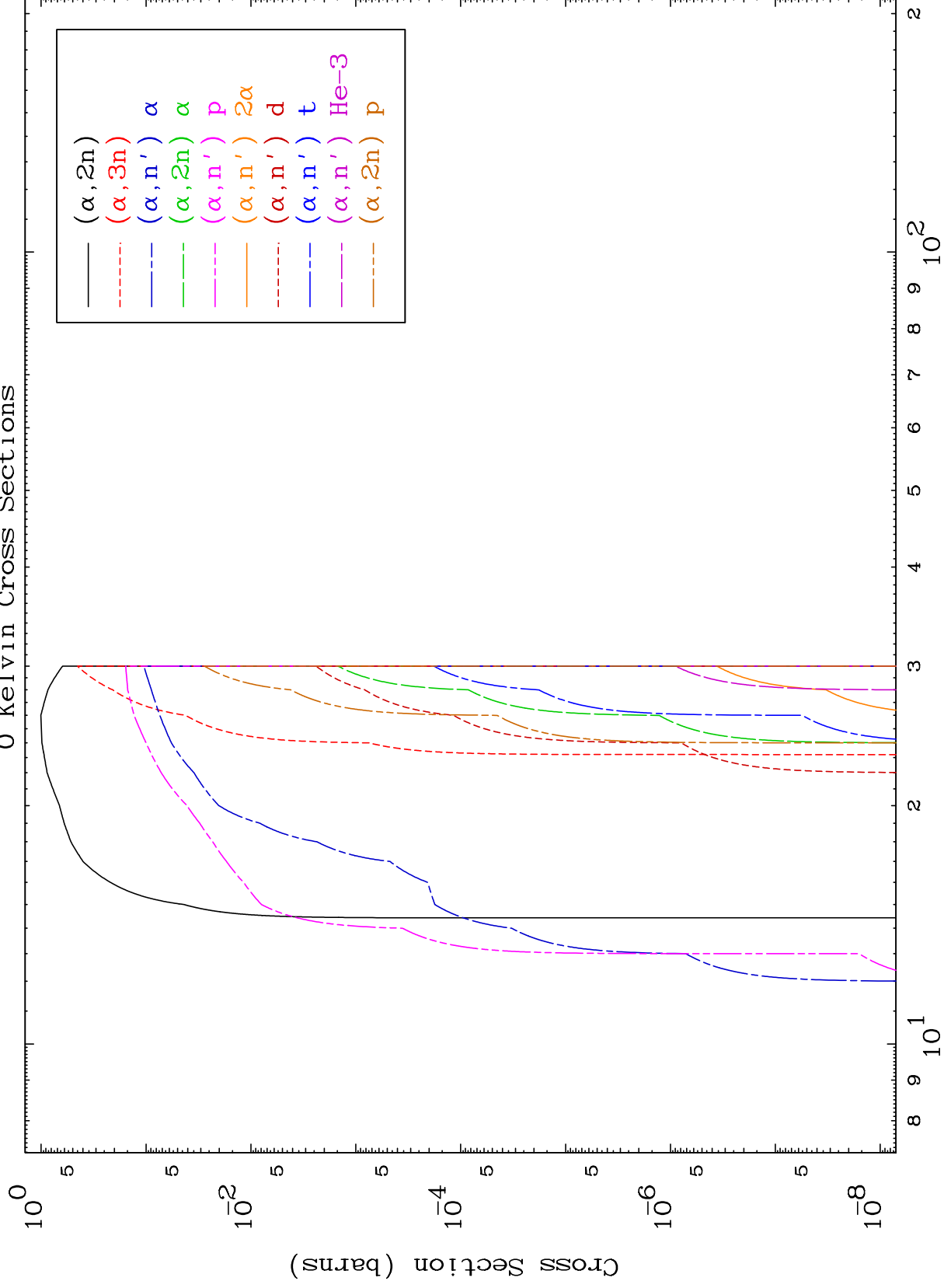
34-Se-77



MAT 3435

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

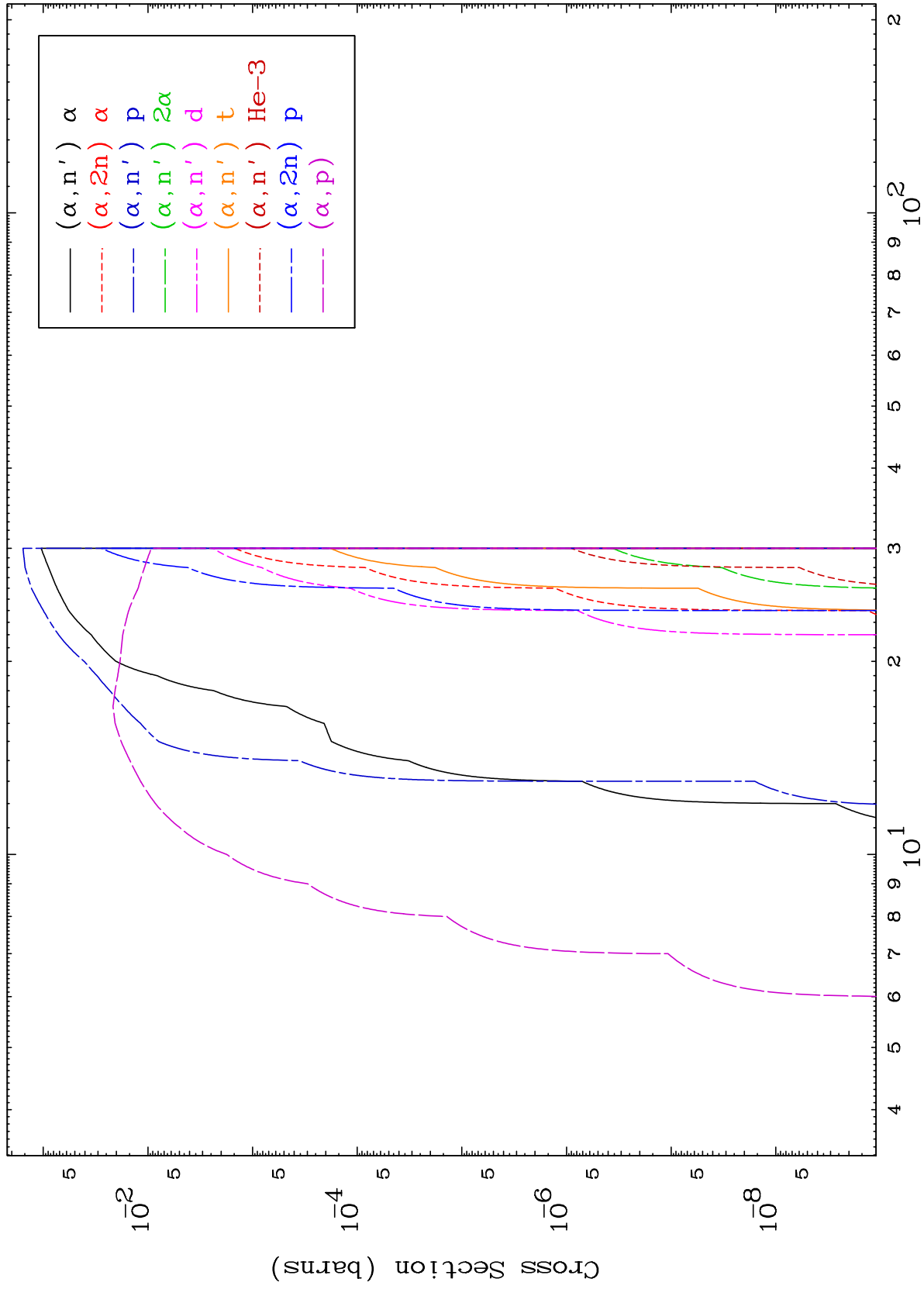
34-Se-77



2

Incident Energy (MeV)

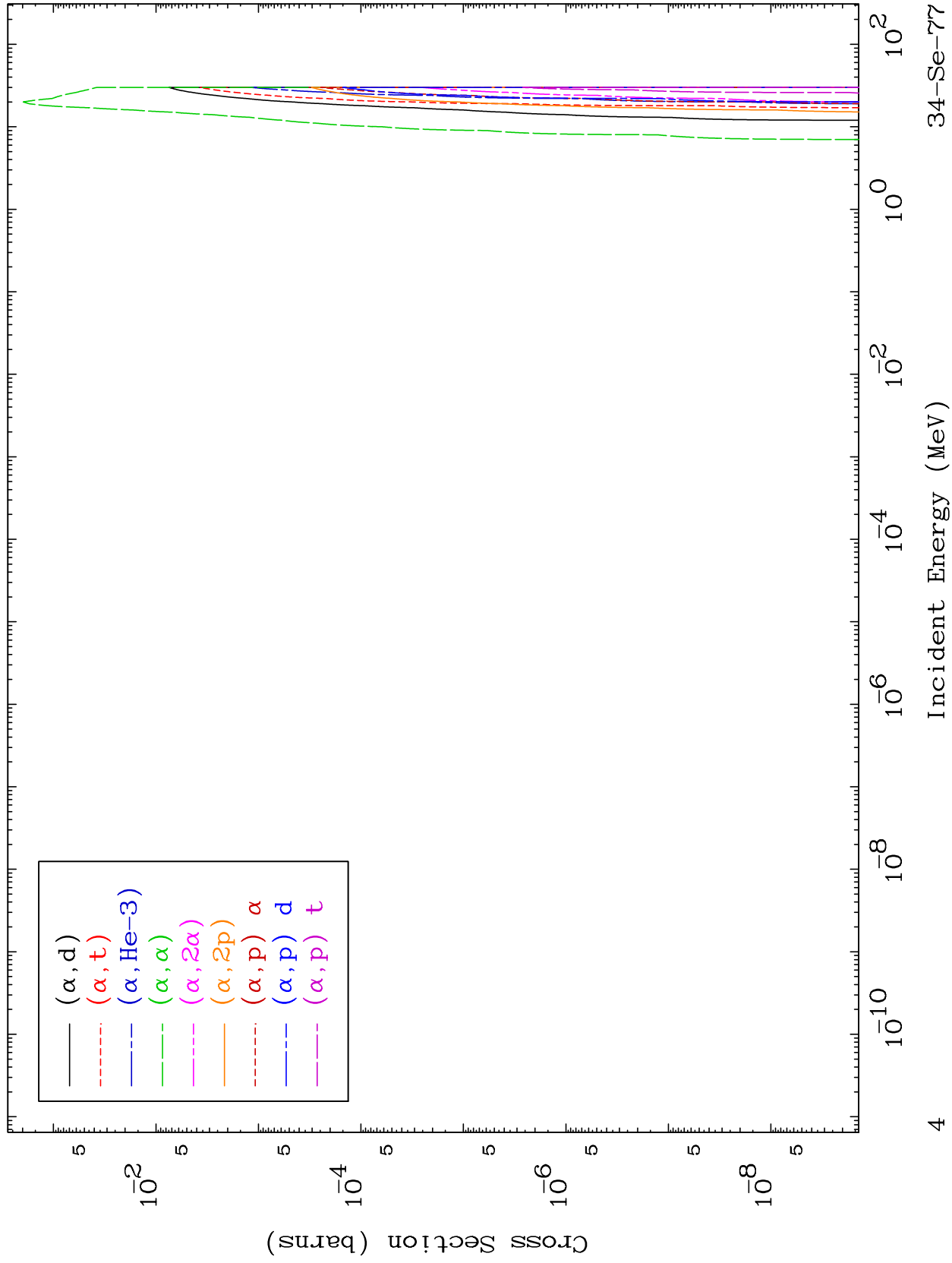
34-Se-77



MAT 3435

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

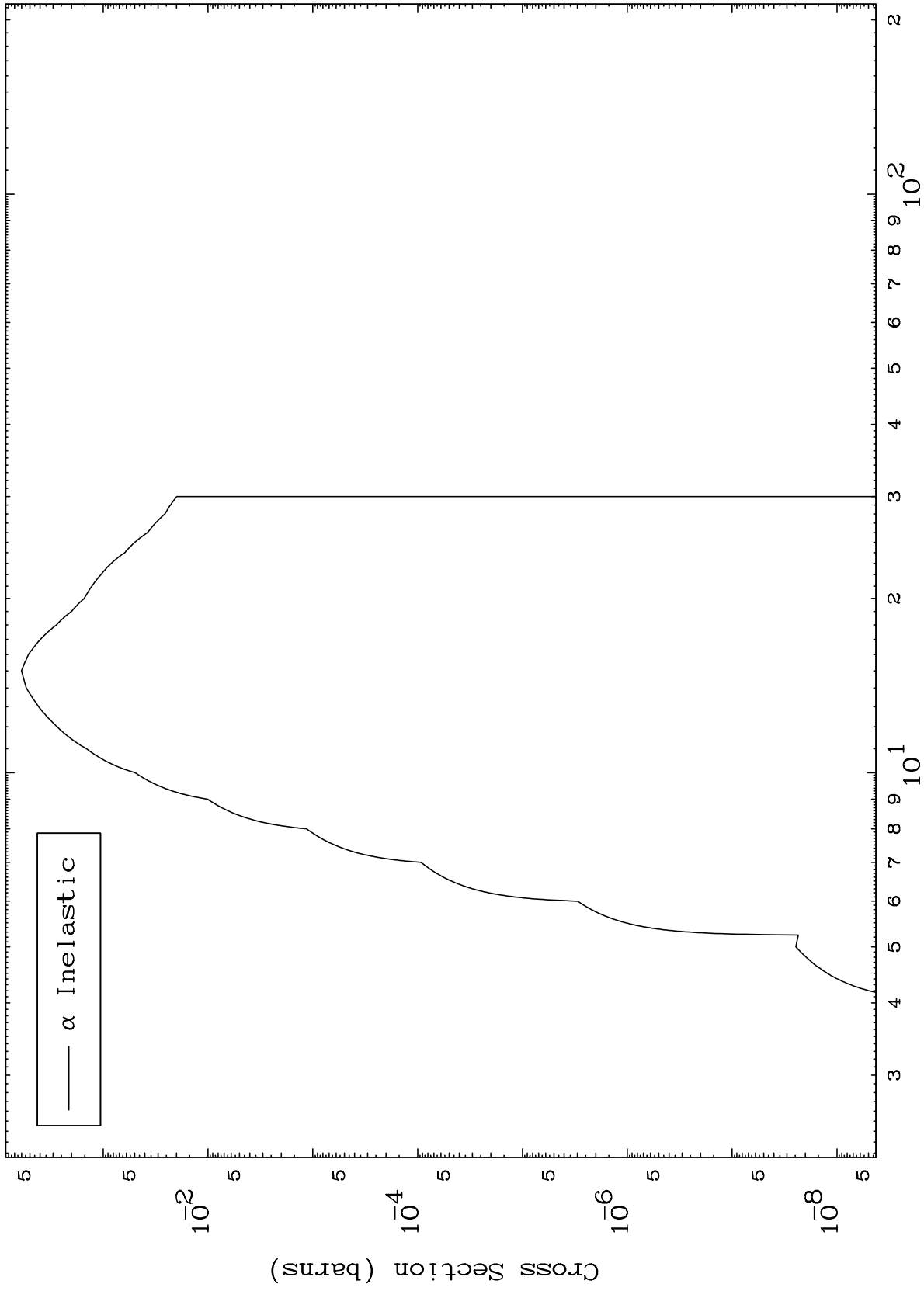
<sup>34</sup>Se-77



MAT 3435

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

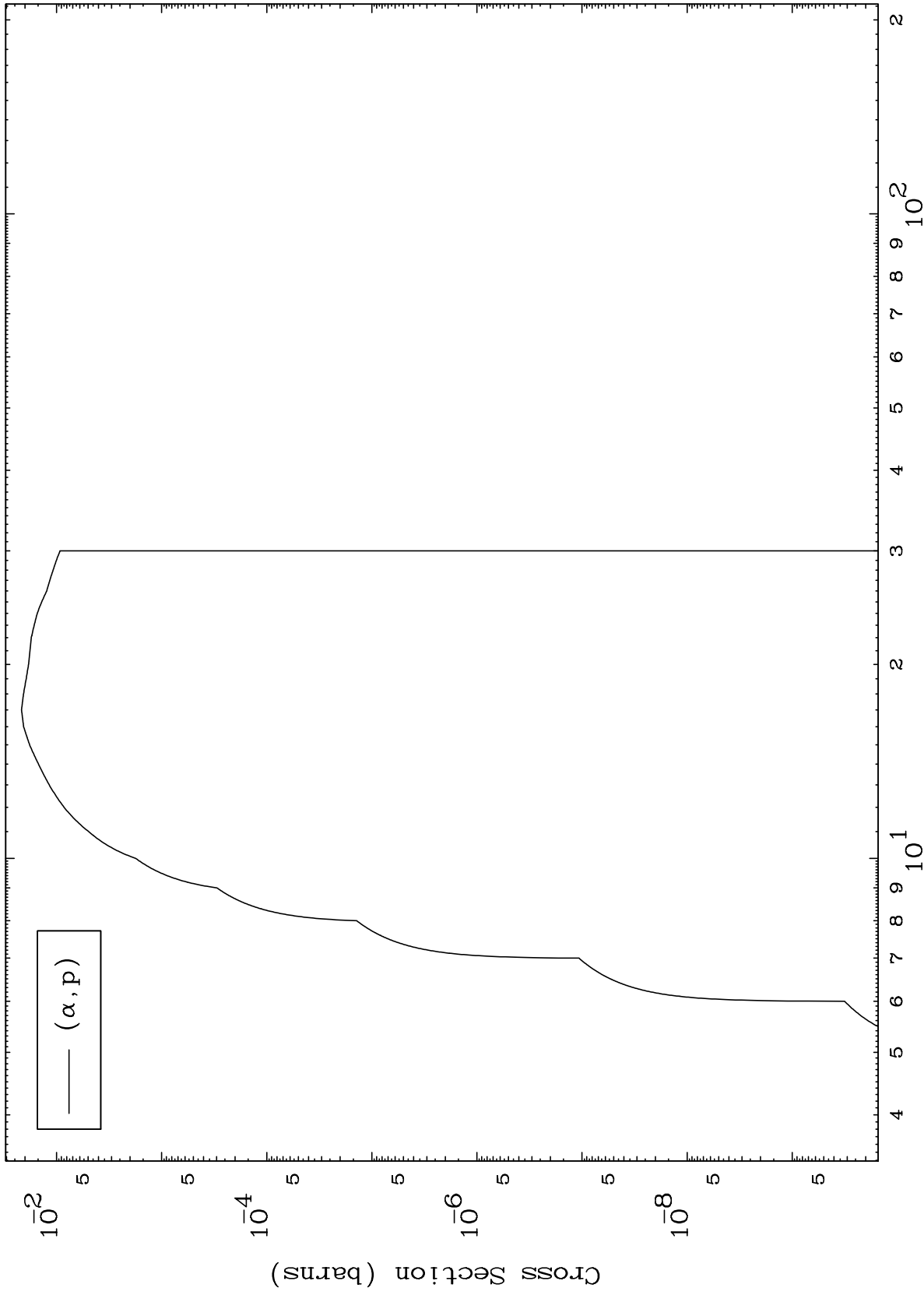
34-Se-77



MAT 3435

34-Se-77

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



6

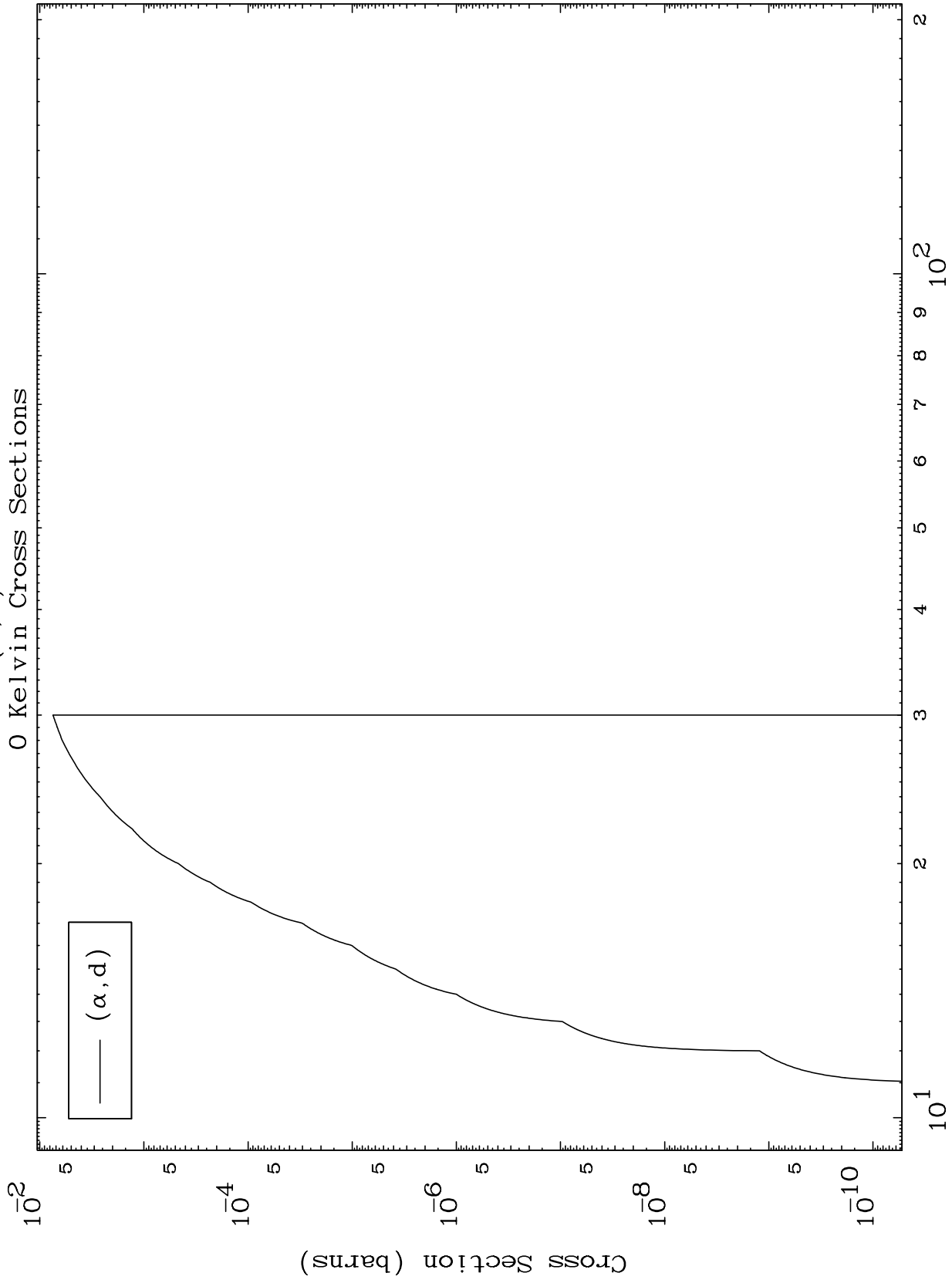
Incident Energy (MeV)

34-Se-77

MAT 3435

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

34-Se-77



Incident Energy (MeV)

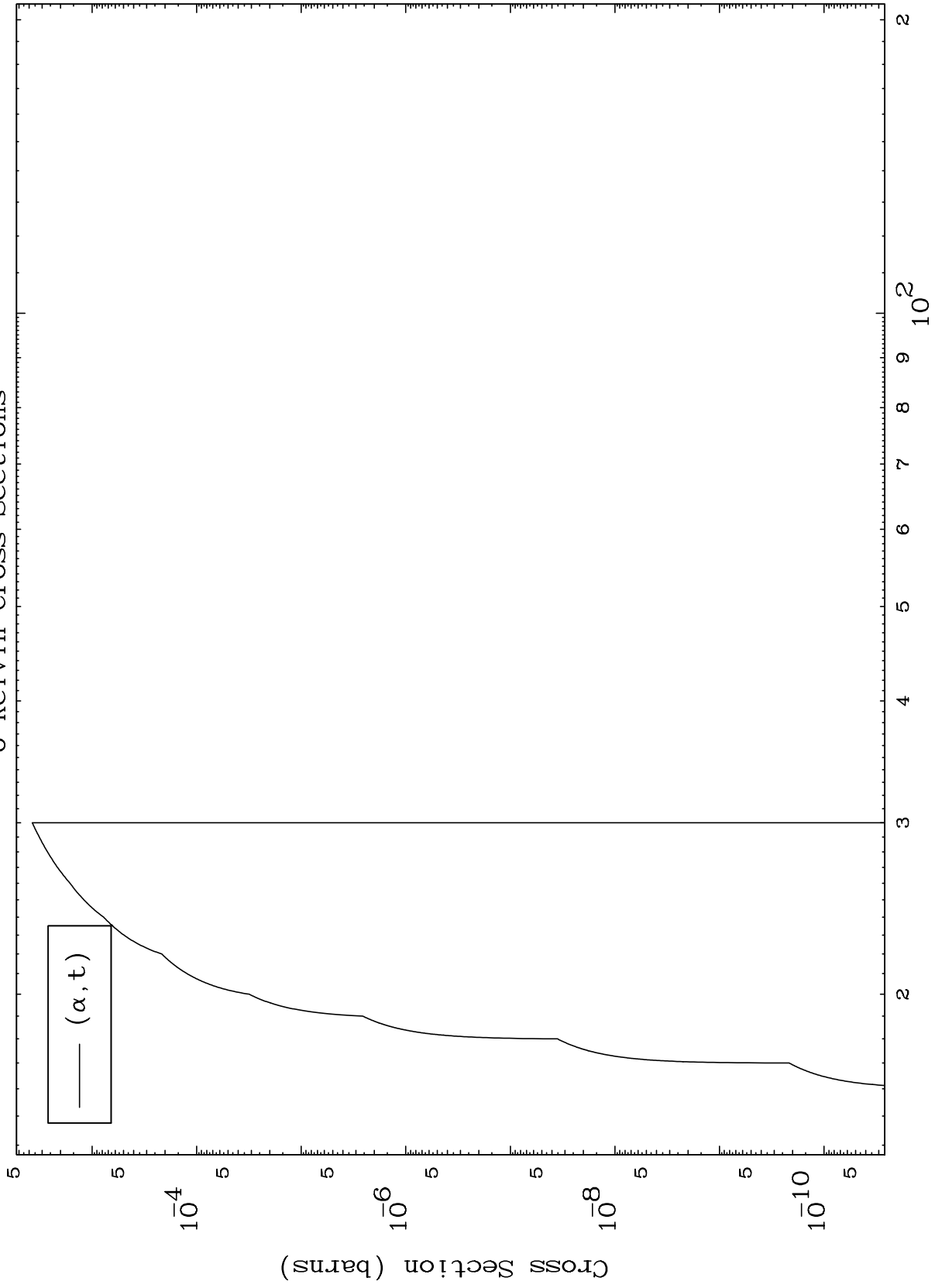
34-Se-77



MAT 3435

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

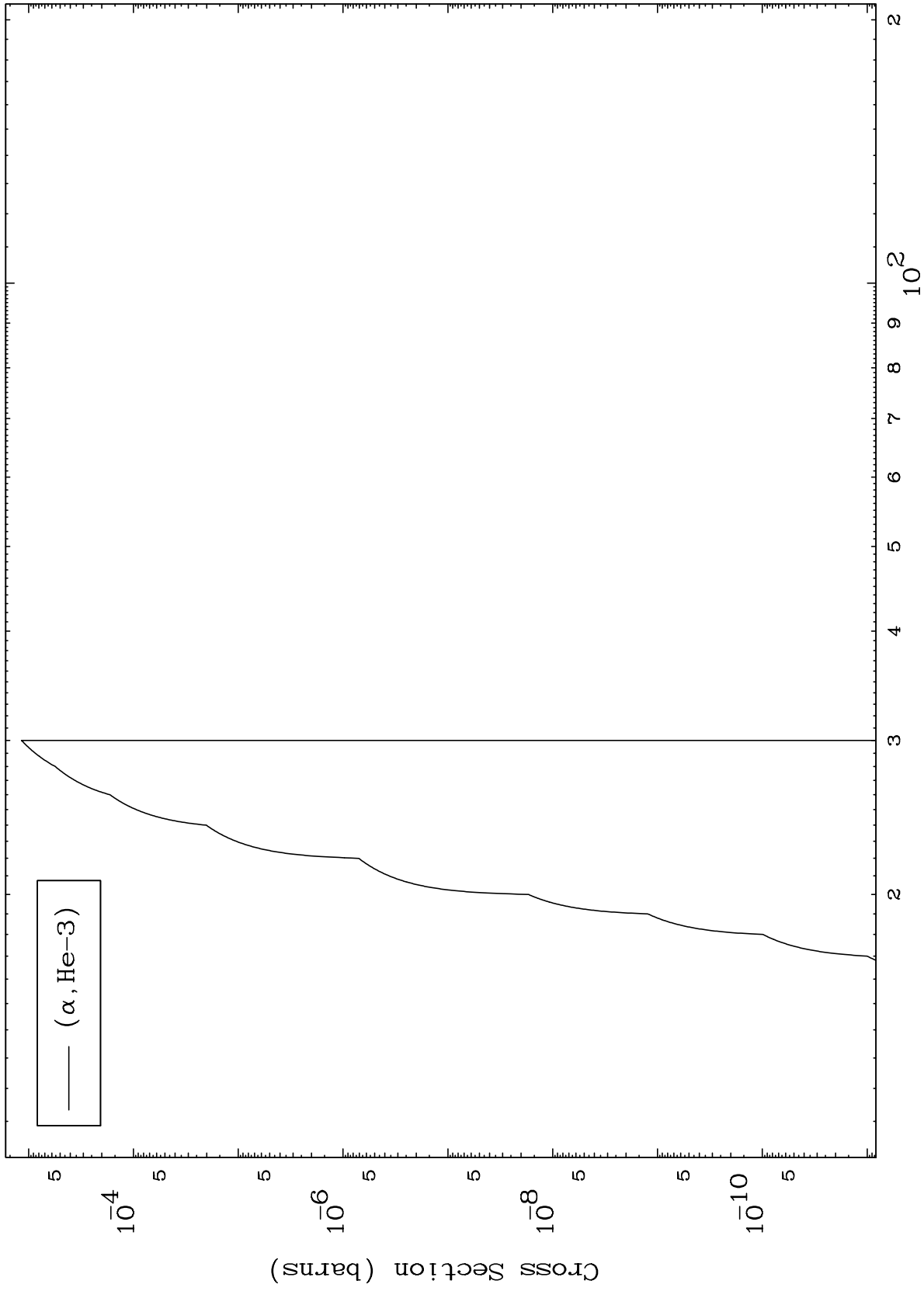
34-Se-77



8

Incident Energy (MeV)

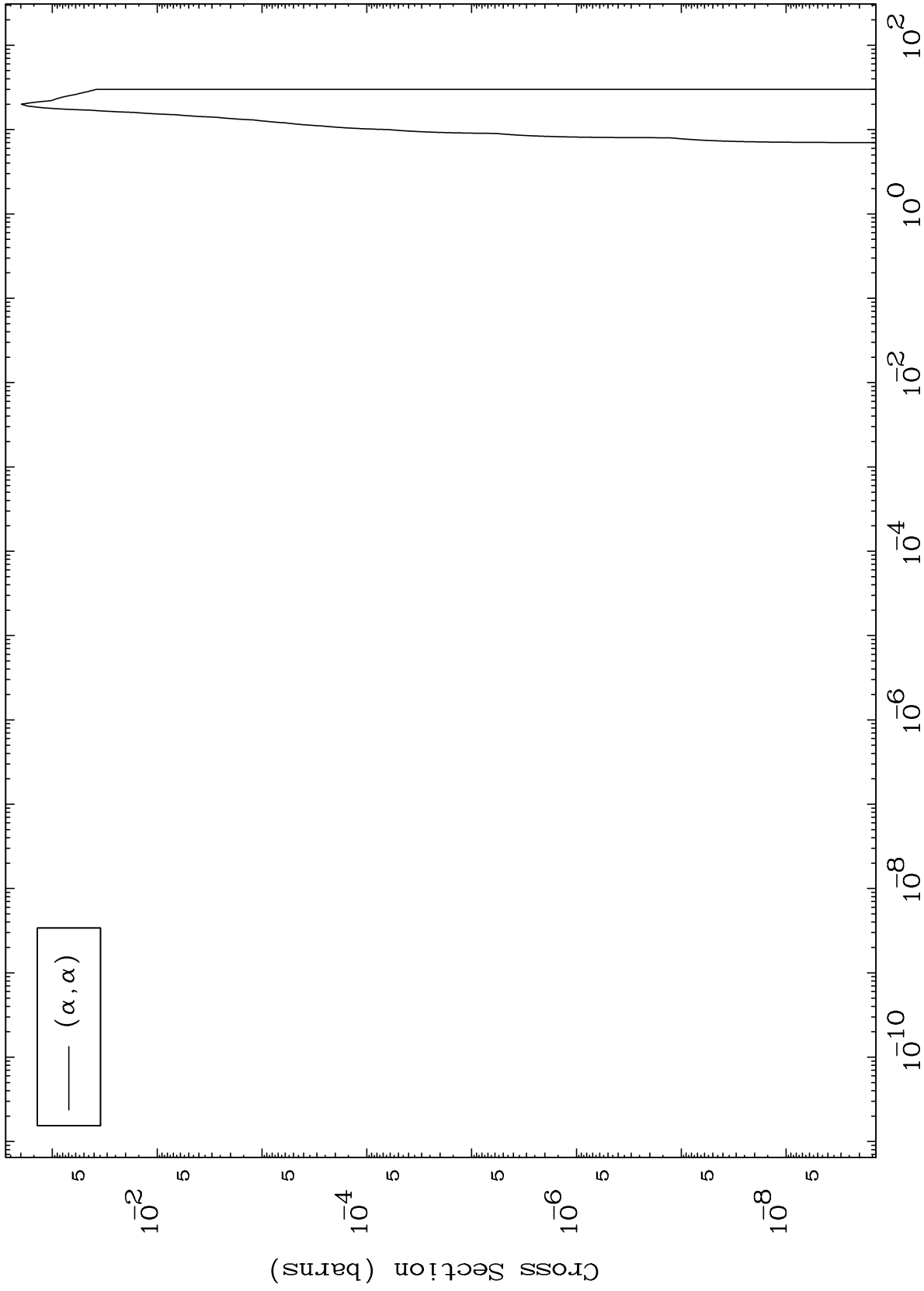
34-Se-77



MAT 3435

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

34-Se-77



10

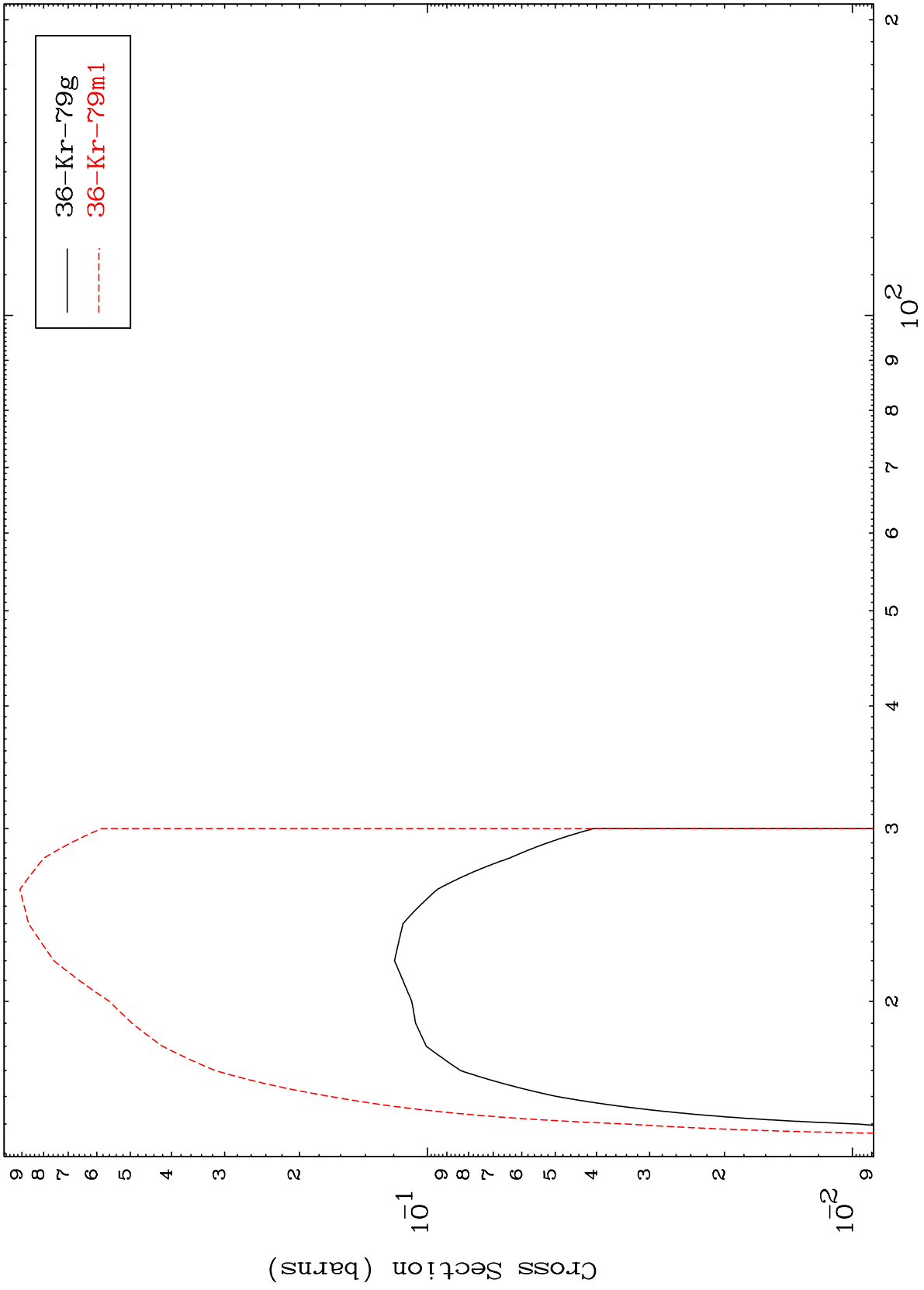
Incident Energy (MeV)

34-Se-77

MAT 3435

<sup>34</sup>Se-77

( $\alpha, 2n$ )  
Radionuclide Production Cross Section



11

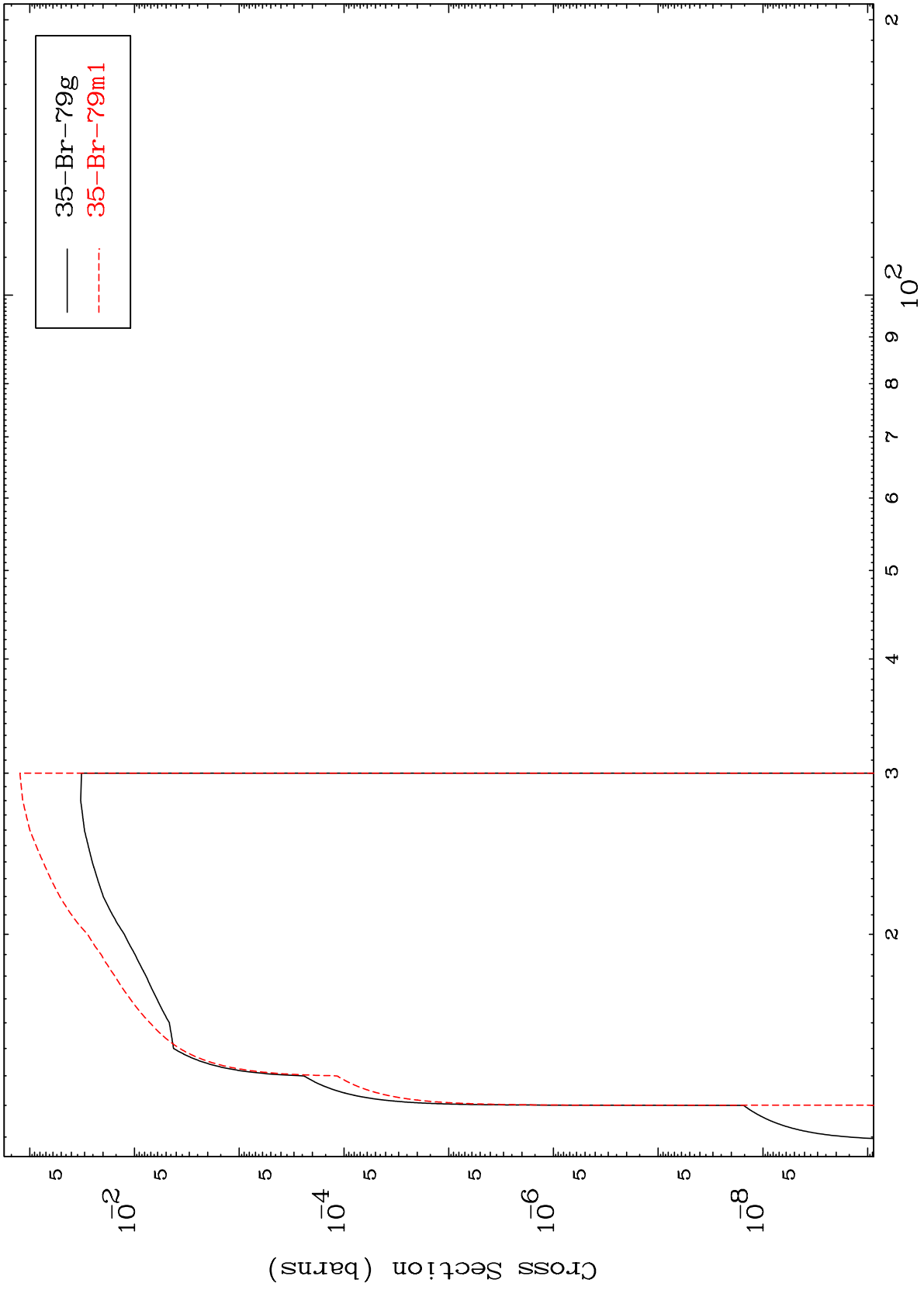
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3435

34-Se-77

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



12

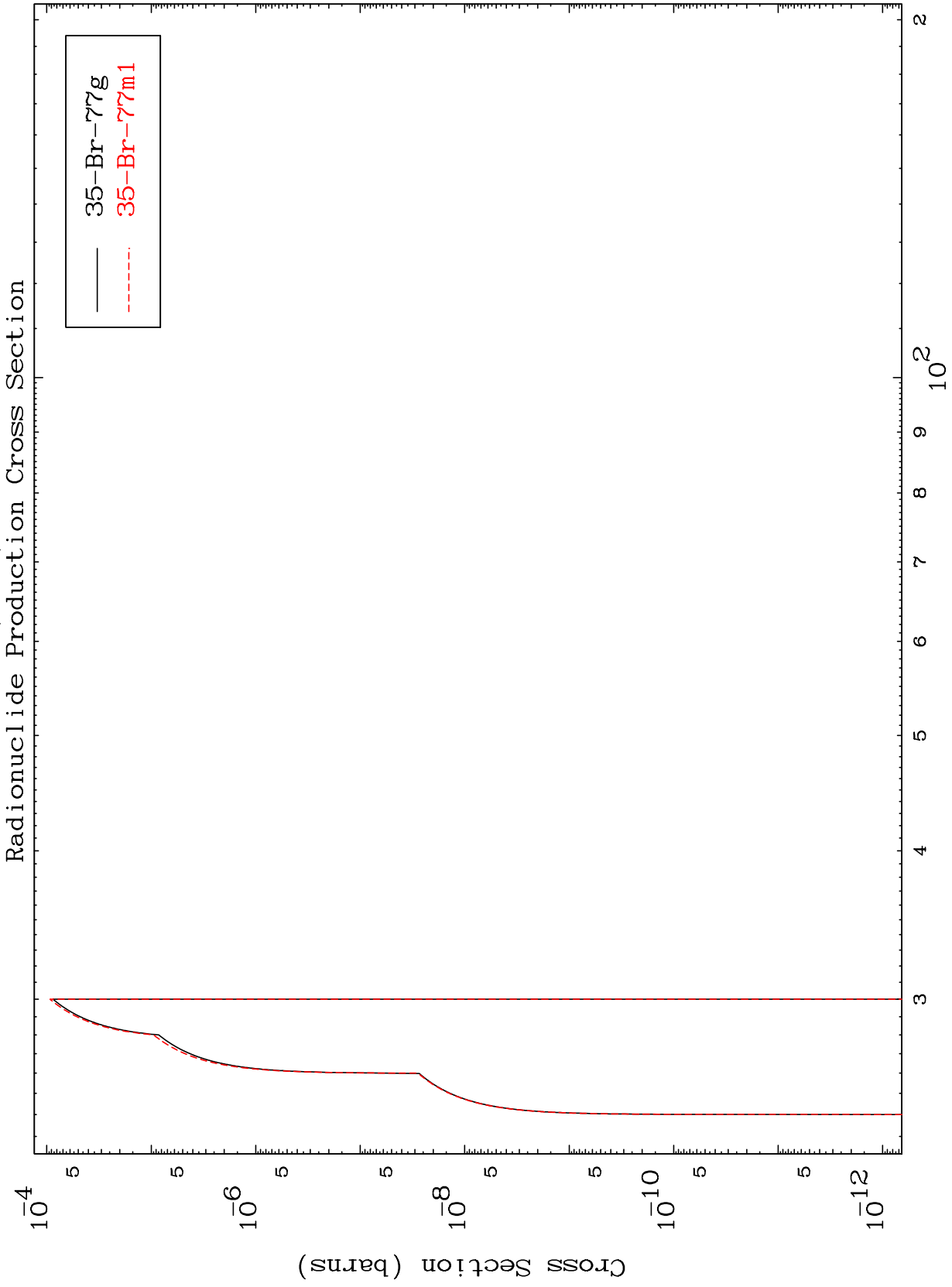
Incident Energy (MeV)

34-Se-77

MAT 3435

( $\alpha, n'$ ) t

<sup>34</sup>Se-77



13

Incident Energy (MeV)

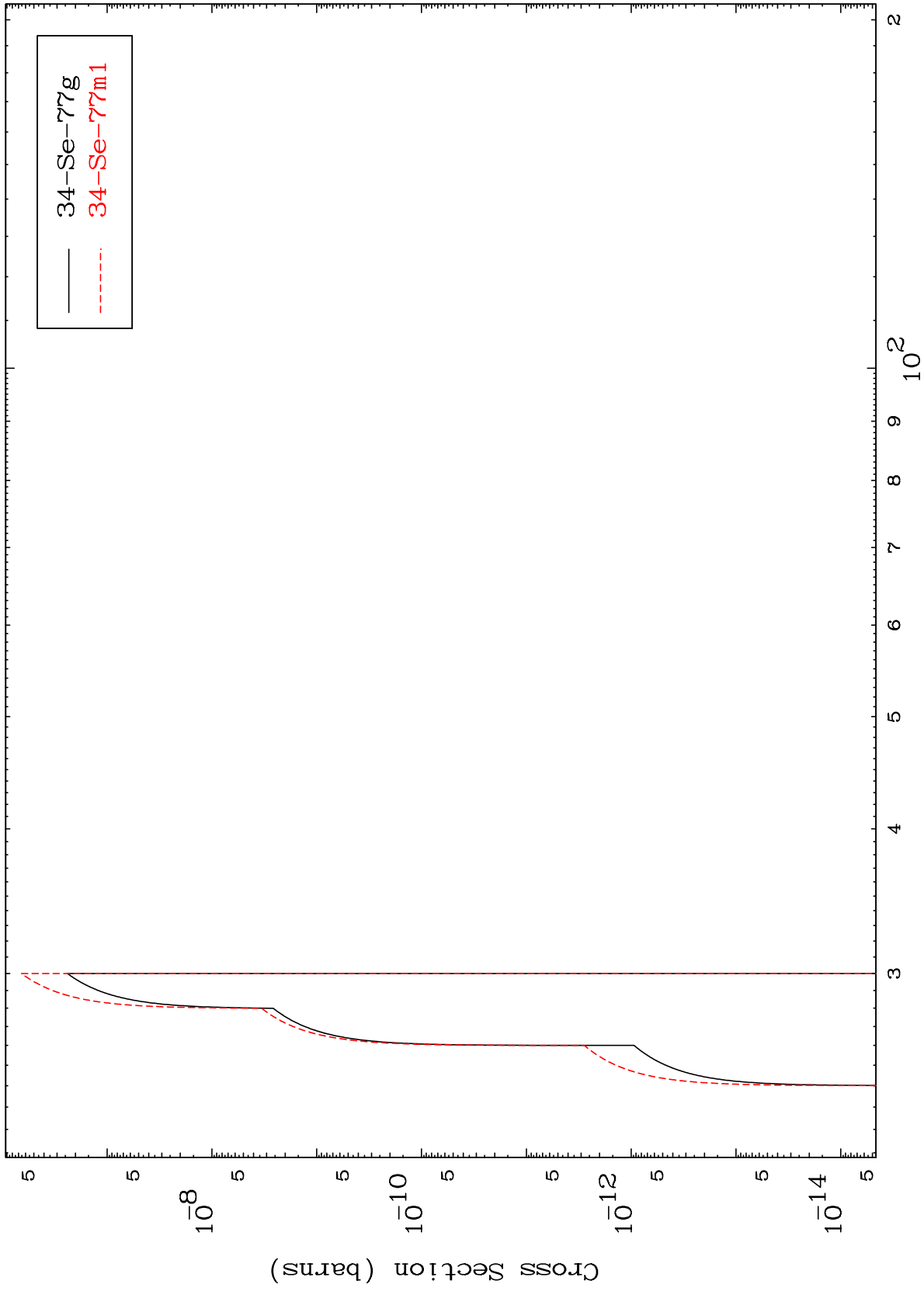
<sup>34</sup>Se-77

MAT 3435

( $\alpha, n'$ ) He-3

<sup>34</sup>Se-77

Radionuclide Production Cross Section



14

Incident Energy (MeV)

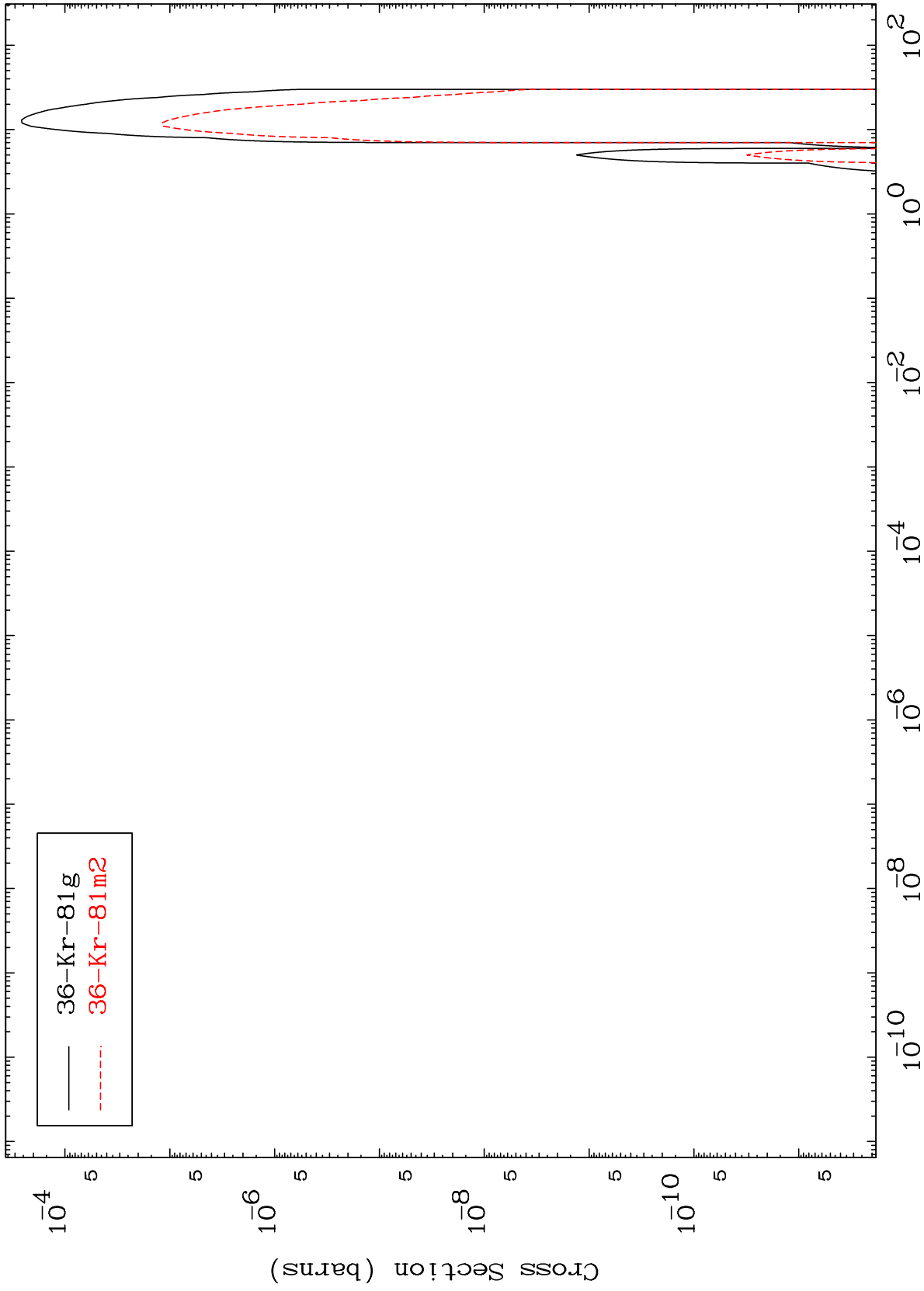
<sup>34</sup>Se-77

MAT 3435

( $\alpha, \gamma$ )

$^{34}\text{Se-77}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

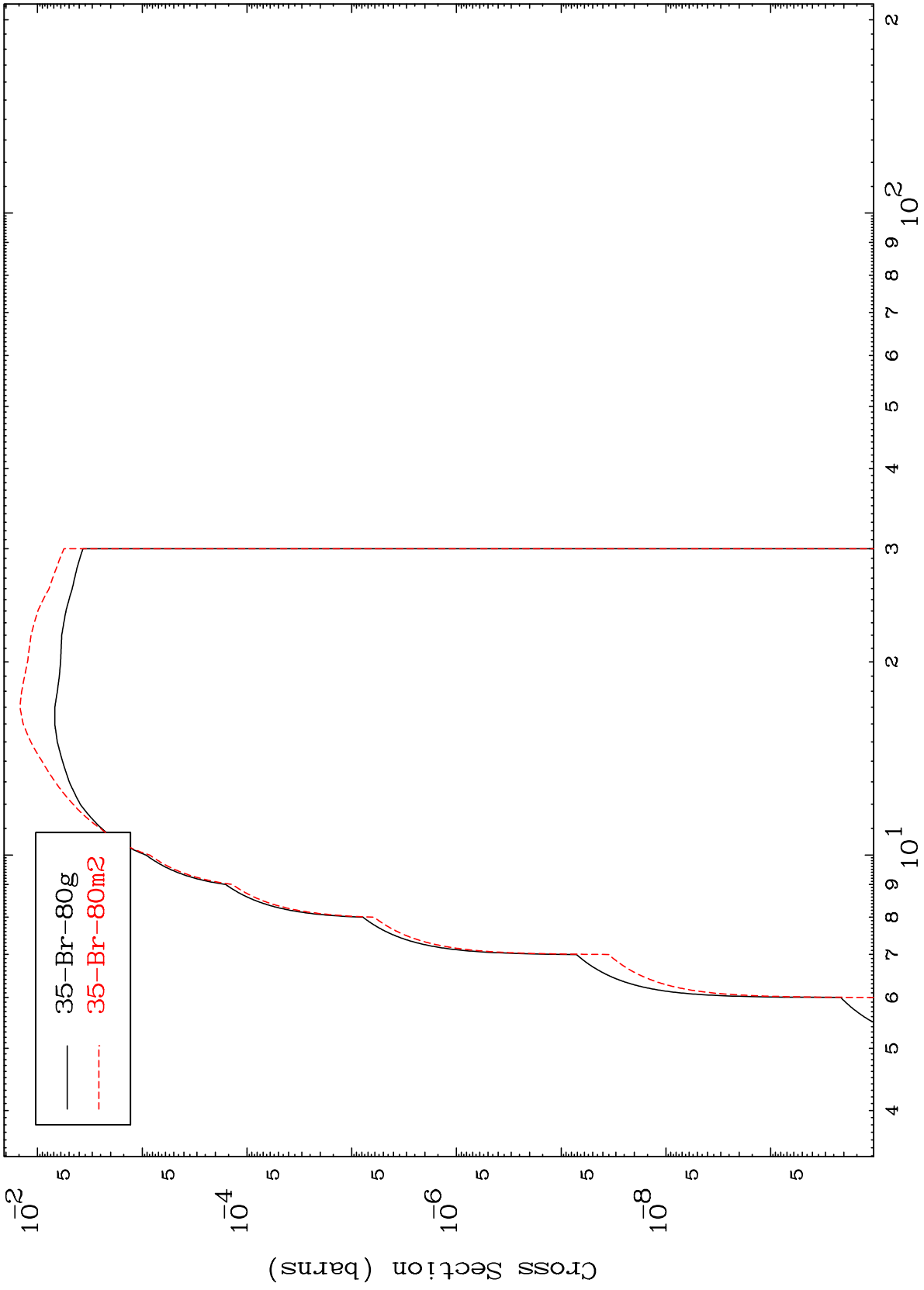
$^{34}\text{Se-77}$



MAT 3435

34-Se-77

Radionuclide Production Cross Section



16

Incident Energy (MeV)

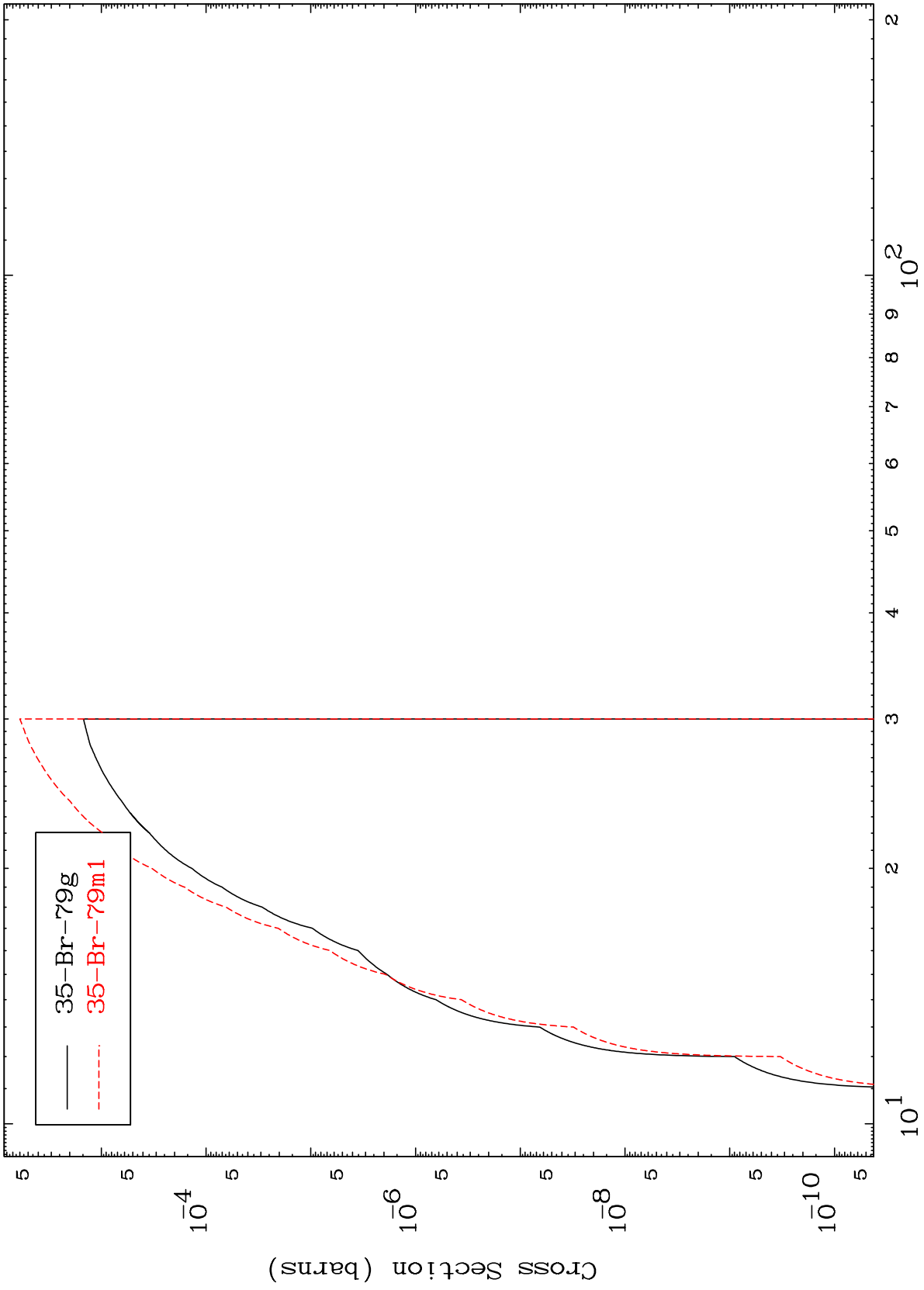
34-Se-77

MAT 3435

( $\alpha, d$ )

34-Se-77

Radionuclide Production Cross Section



17

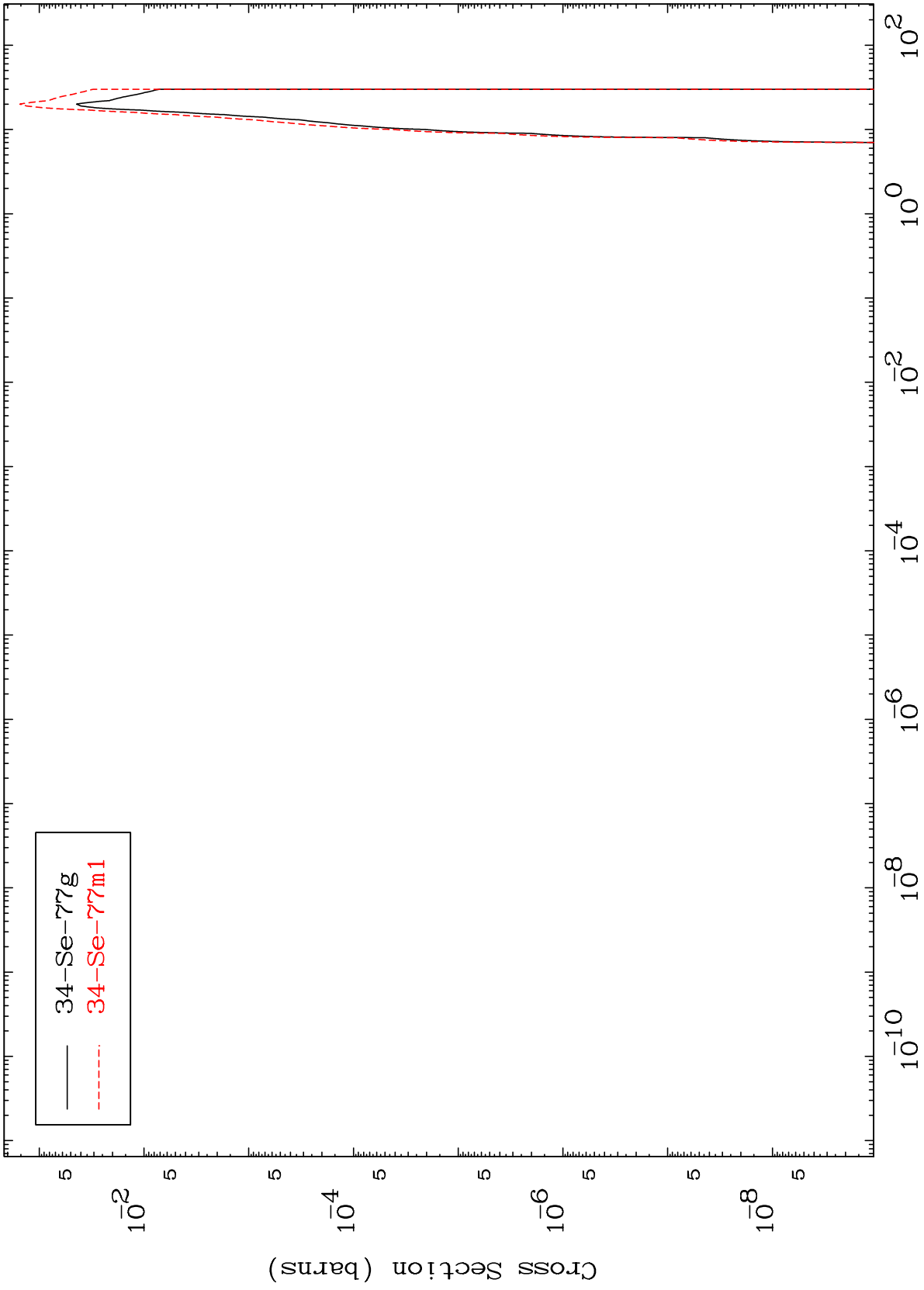
Incident Energy (MeV)

34-Se-77

MAT 3435

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

$^{34}\text{Se-77}$



18

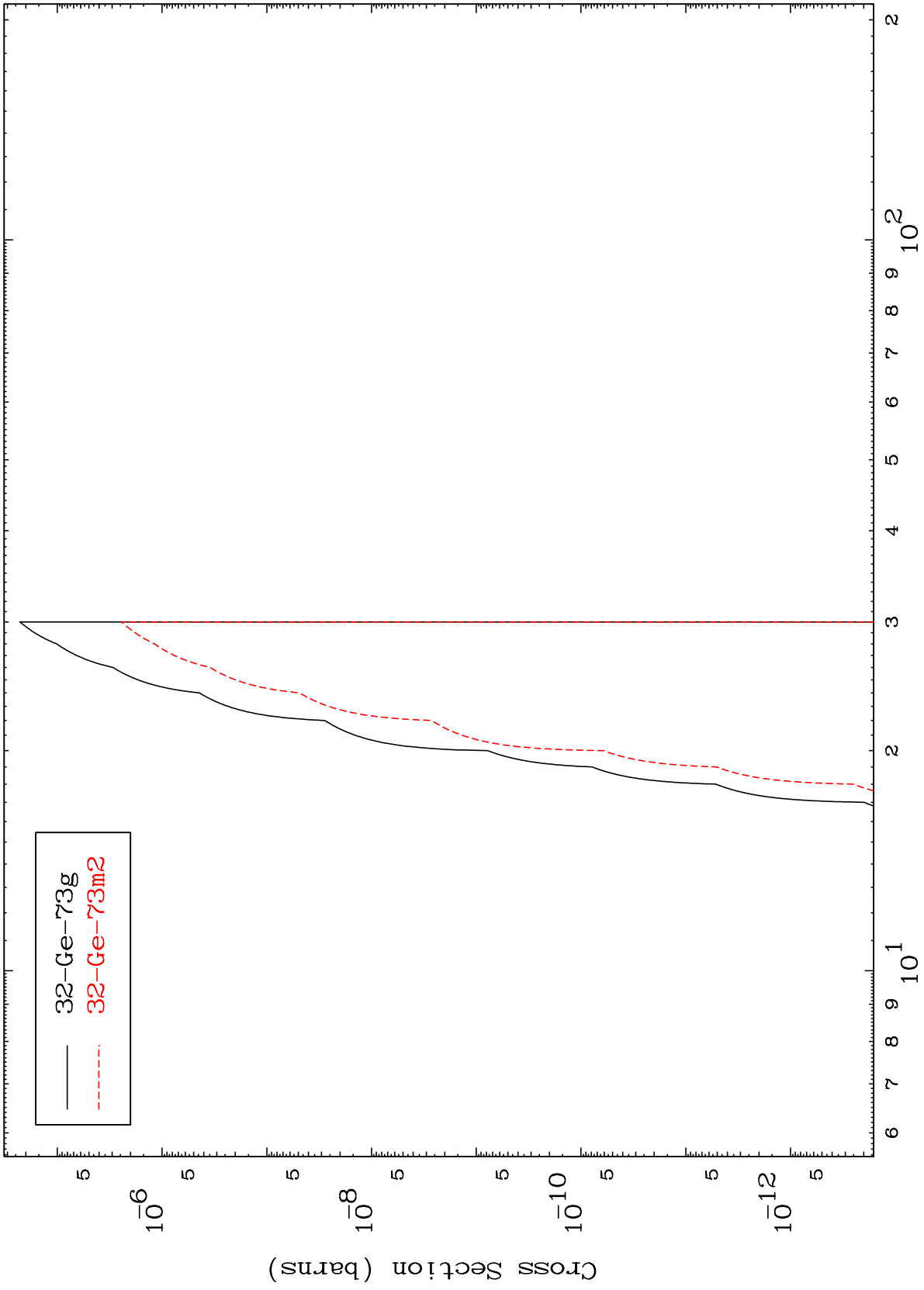
Incident Energy (MeV)

$^{34}\text{Se-77}$

MAT 3435

<sup>34</sup>Se-77

( $\alpha, 2\alpha$ )  
Radionuclide Production Cross Section



19

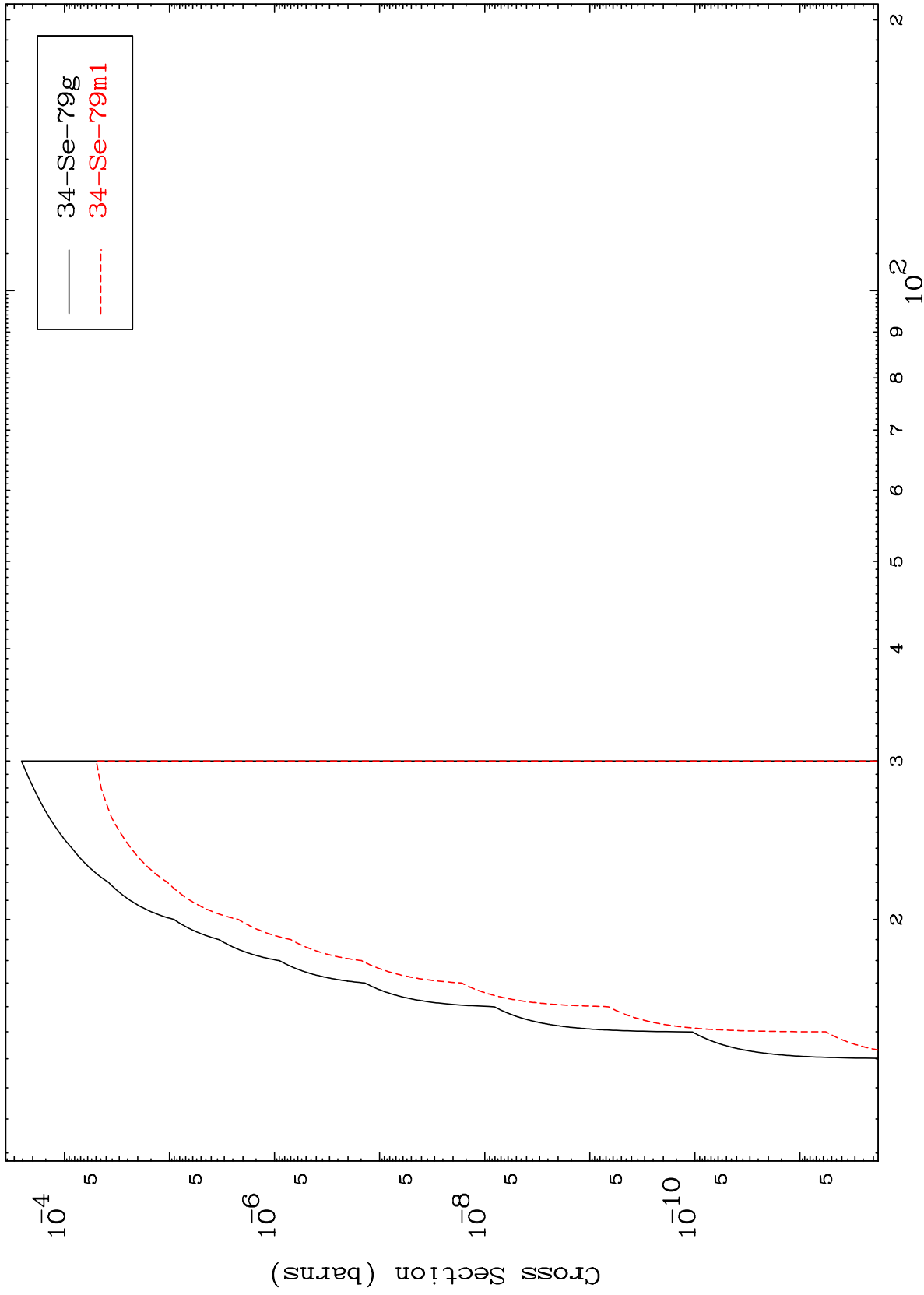
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3435

34-Se-77

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

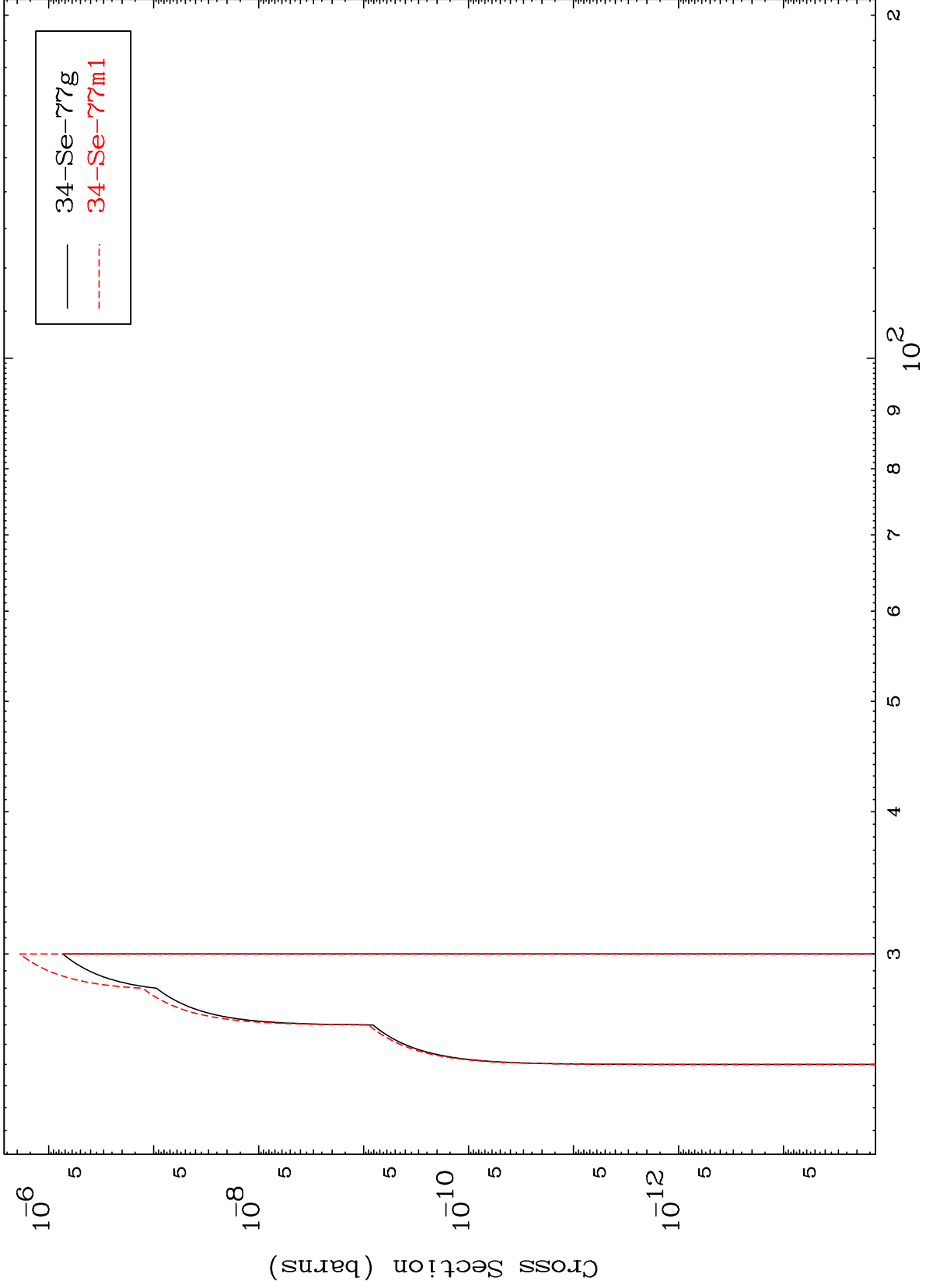
34-Se-77

MAT 3435

( $\alpha, p$ ) t

<sup>34</sup>Se-<sup>77</sup>

Radionuclide Production Cross Section



21

<sup>34</sup>Se-<sup>77</sup>