

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

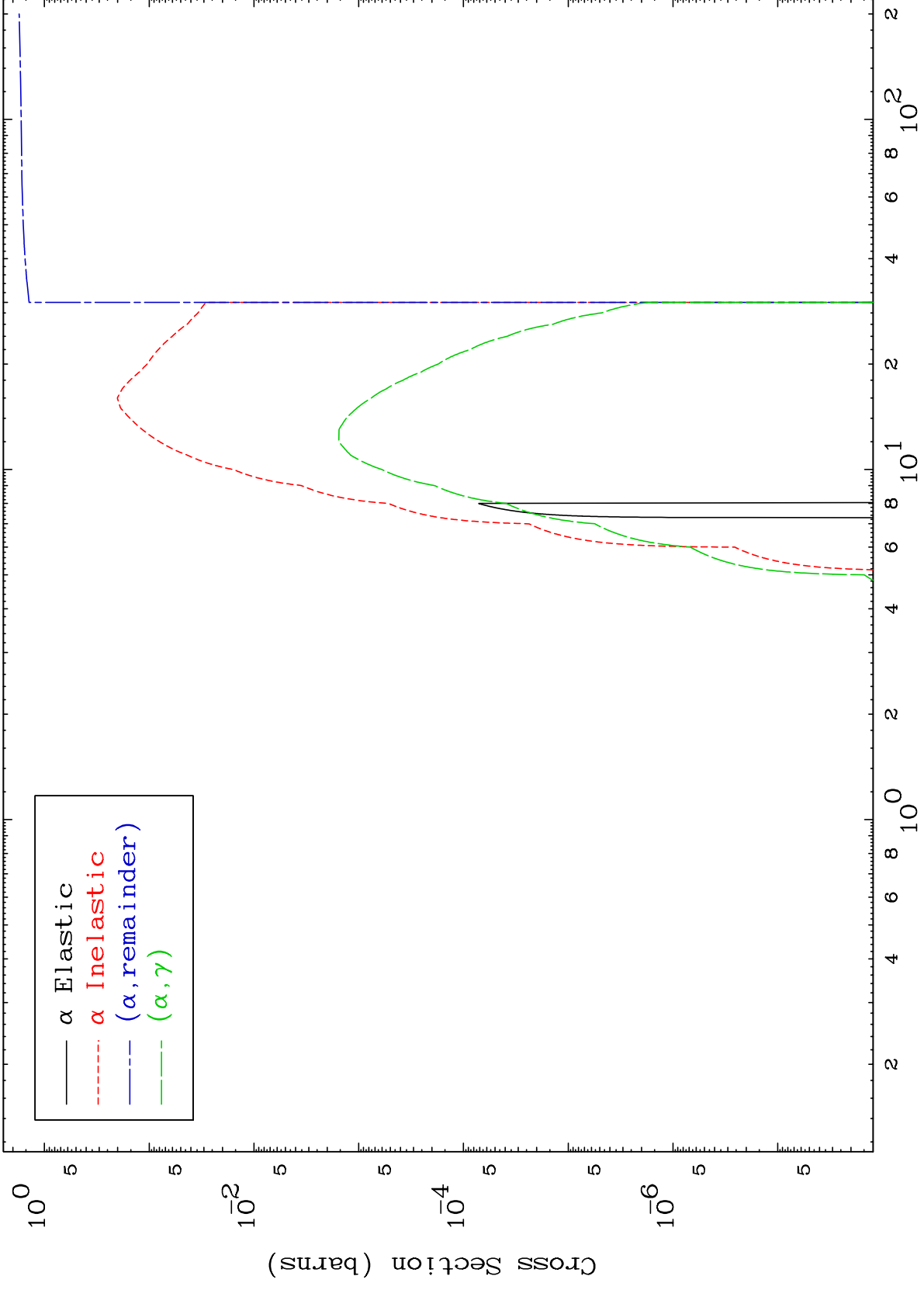
Press Mouse Button to Start

MAT 3422

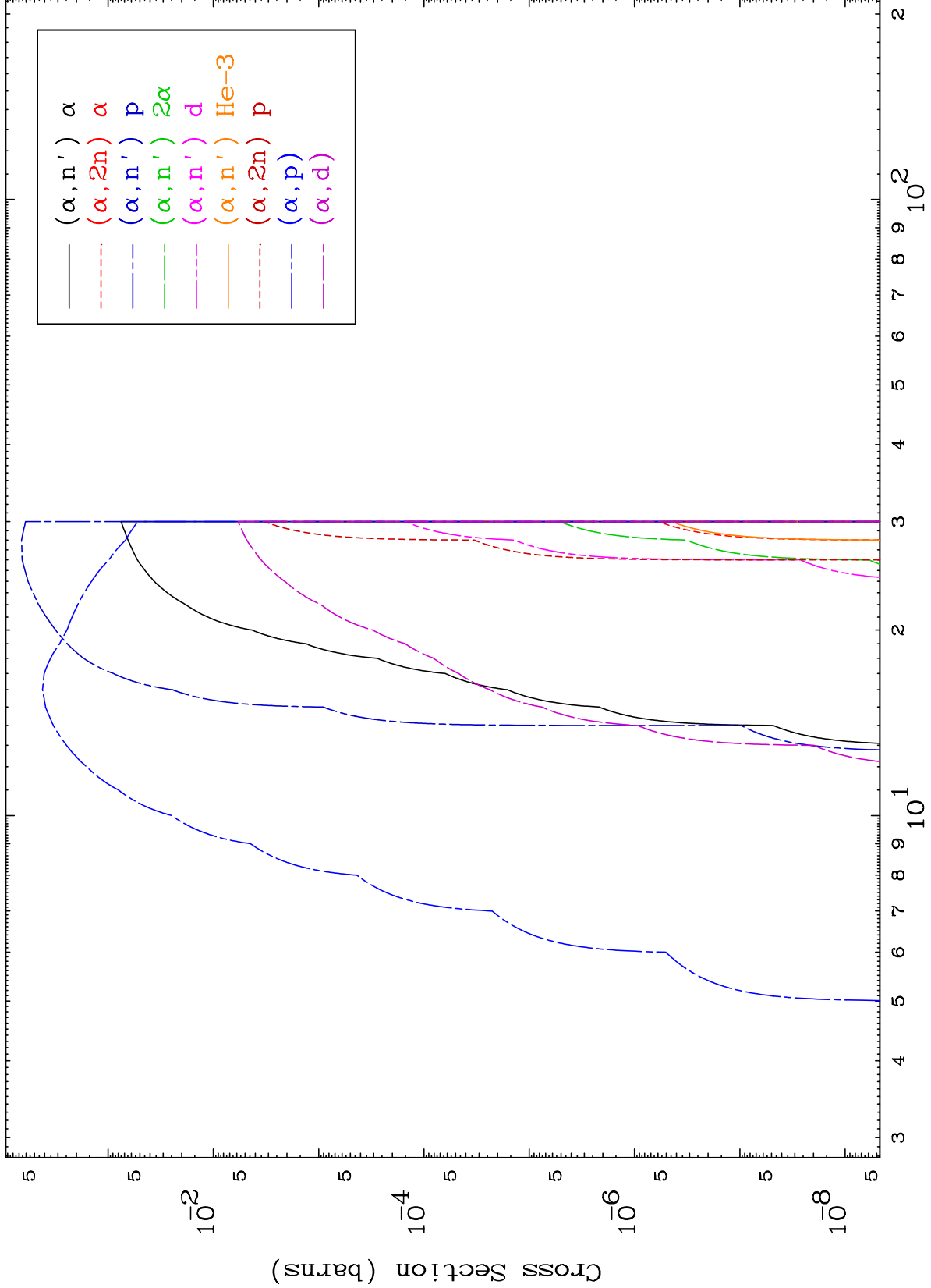
$\alpha$  Major

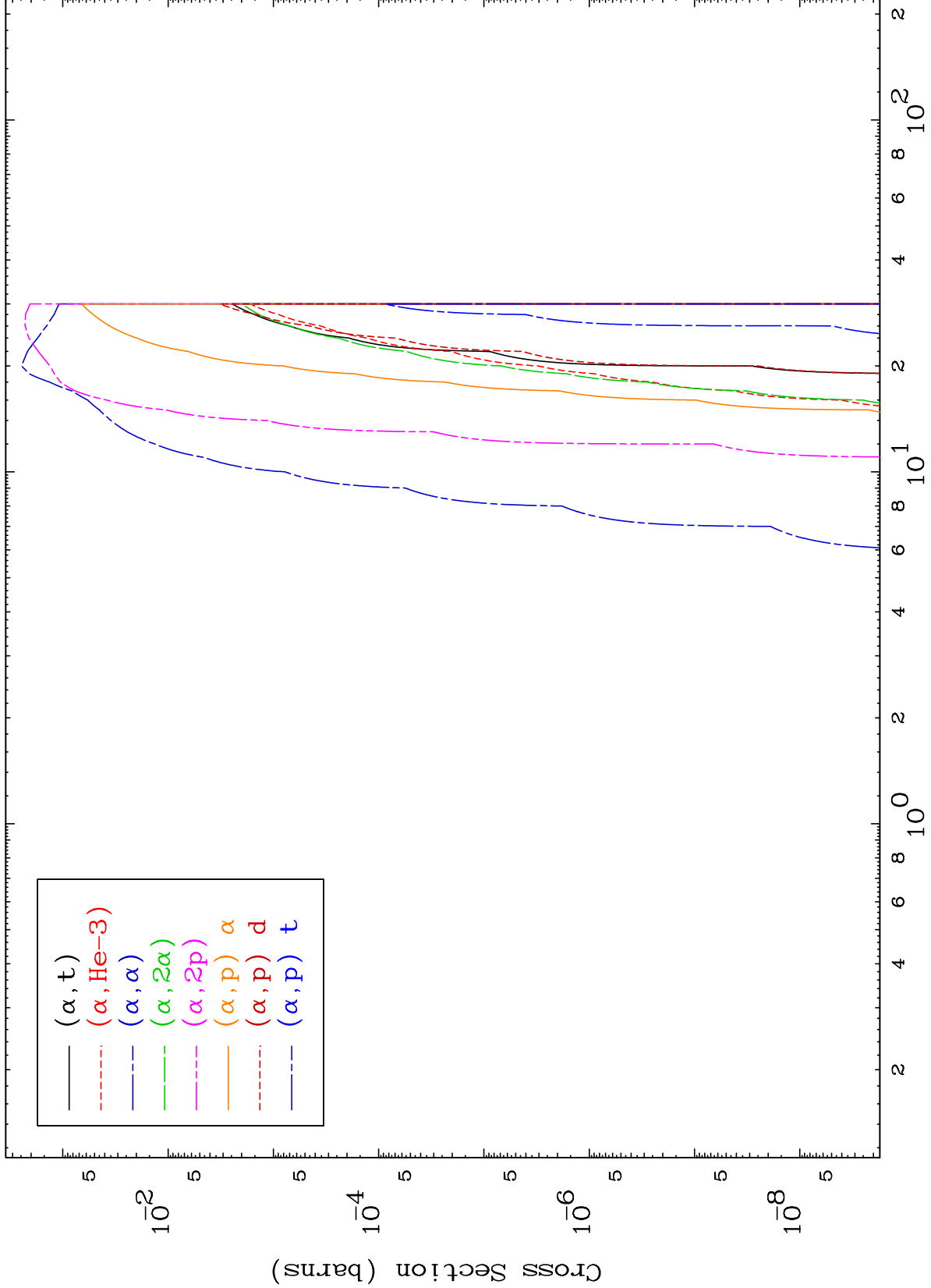
$^{34}\text{Se-73}$

0 Kelvin Cross Sections







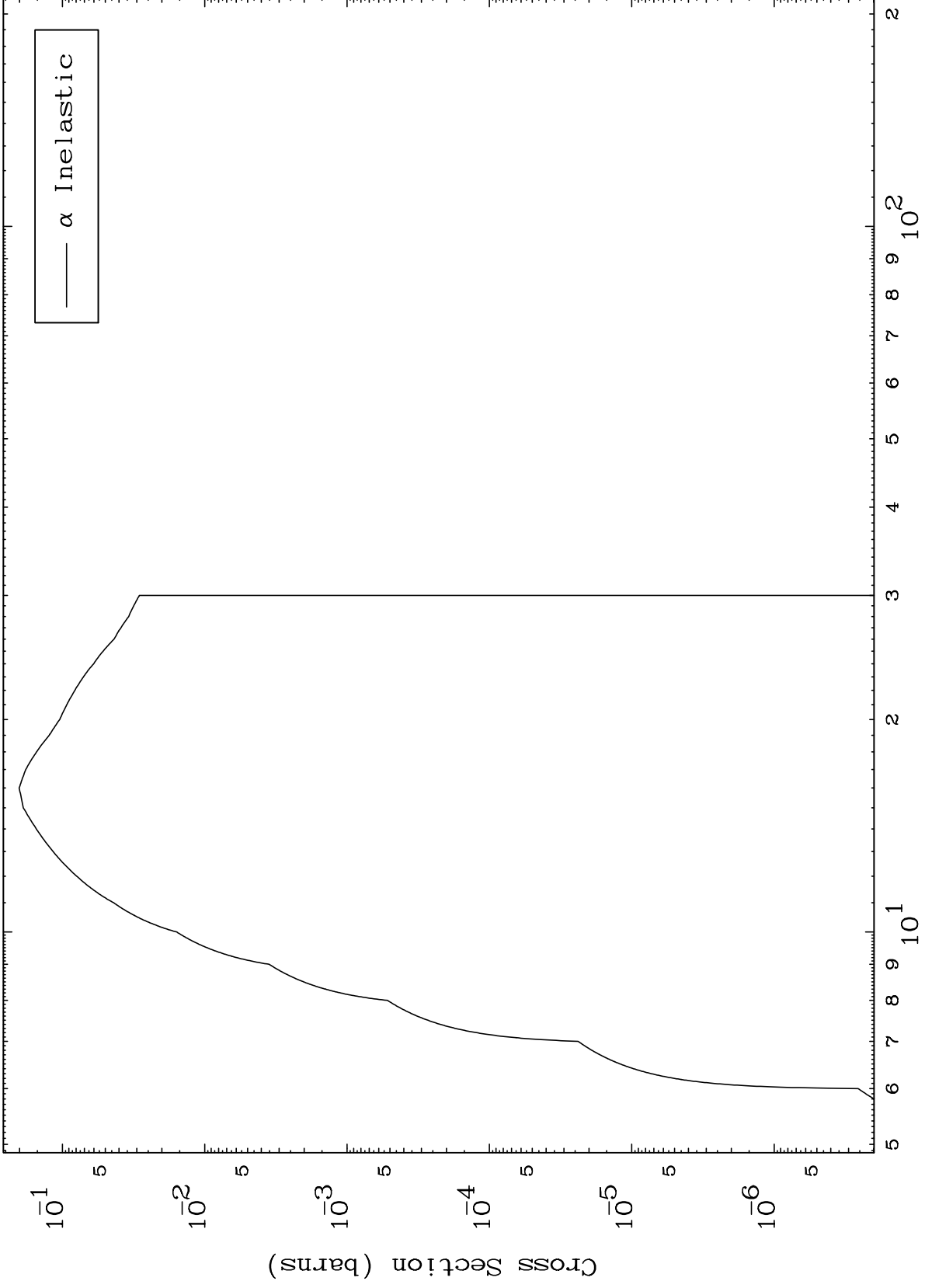


MAT 3422

( $\alpha, n'$ ) Level

$^{34}\text{Se-73}$

0 Kelvin Cross Sections



5

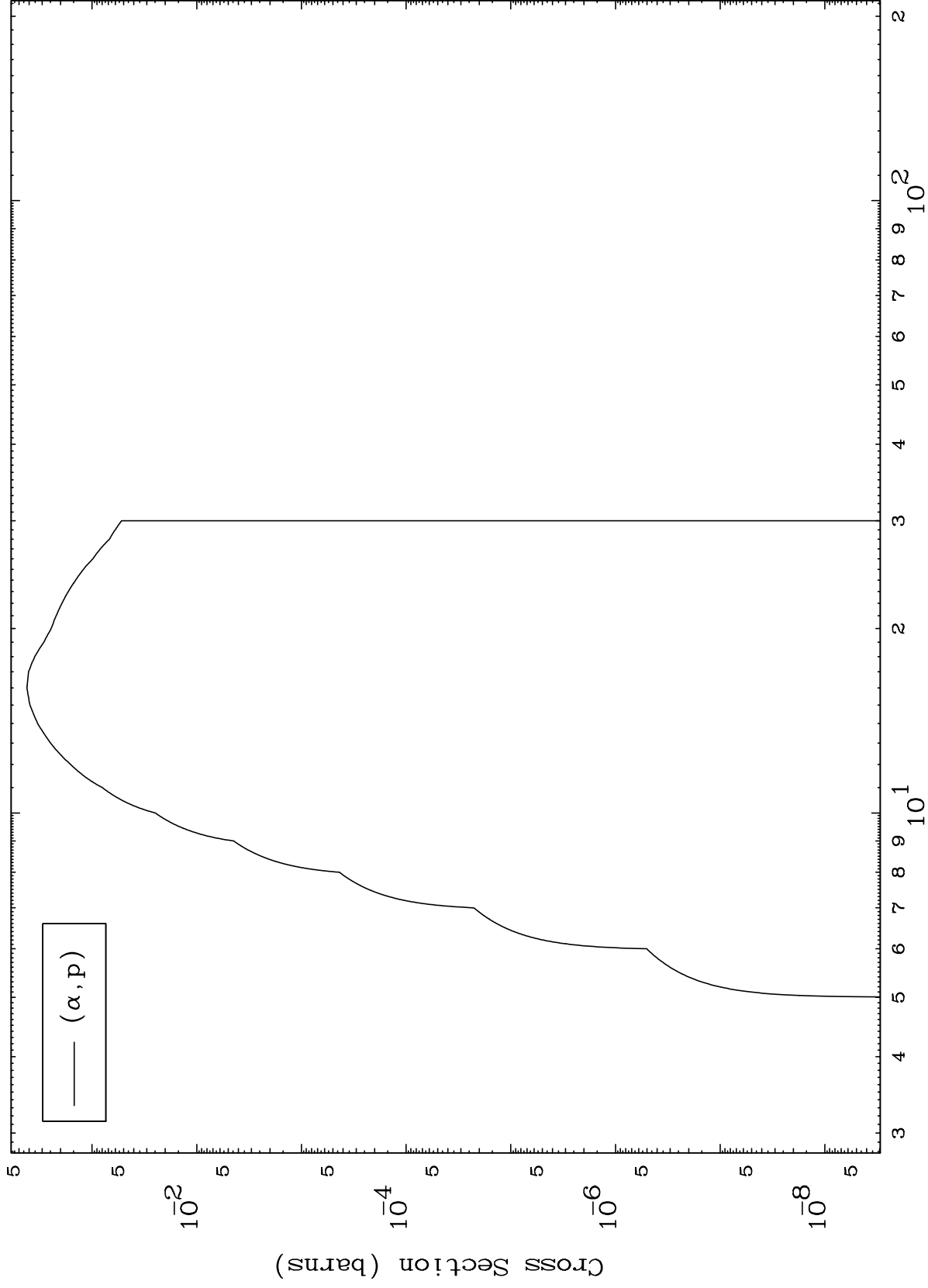
Incident Energy (MeV)

$^{34}\text{Se-73}$

MAT 3422

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

$^{34}\text{Se-73}$



Incident Energy (MeV)

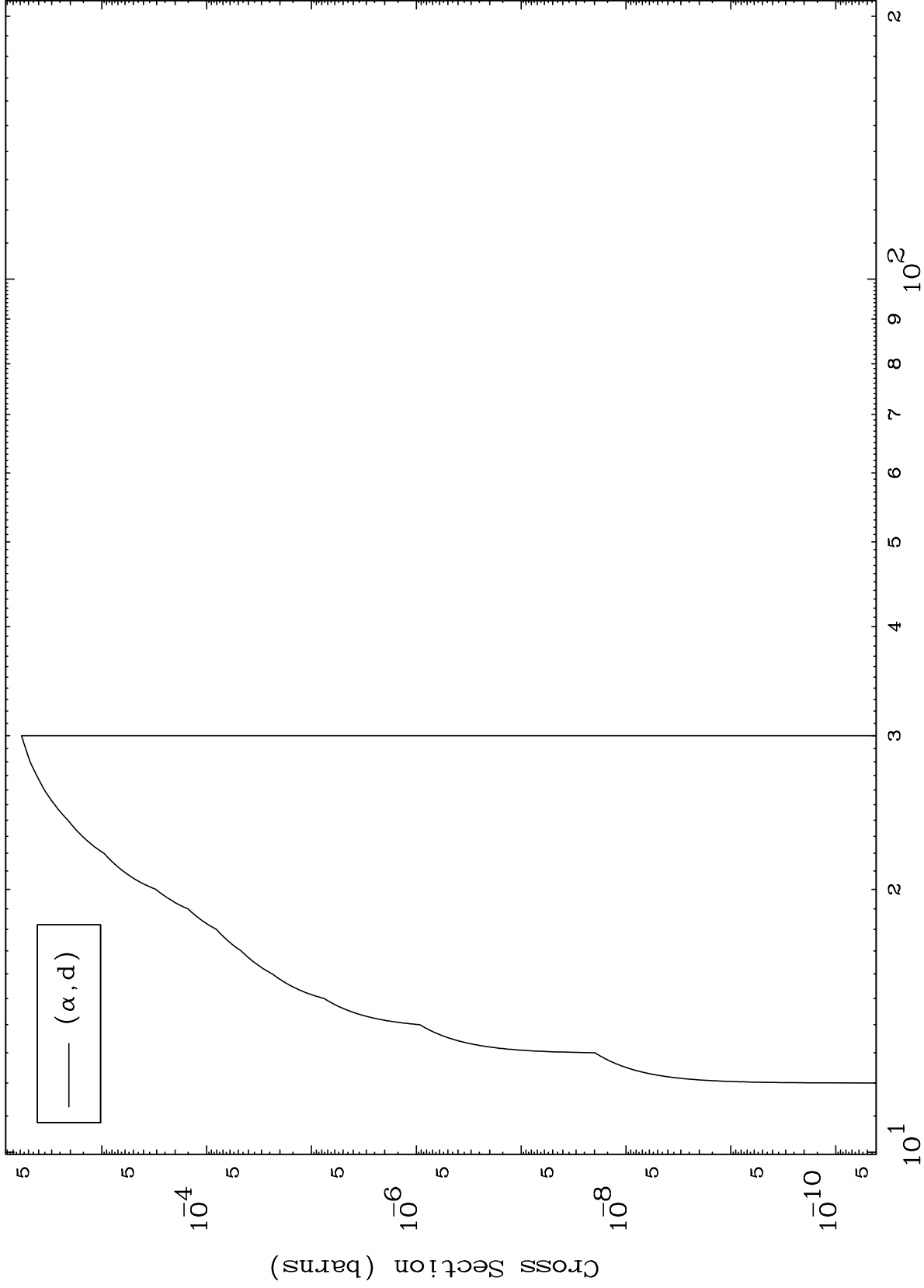
$^{34}\text{Se-73}$

6

MAT 3422

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

$^{34}\text{Se-73}$



Incident Energy (MeV)

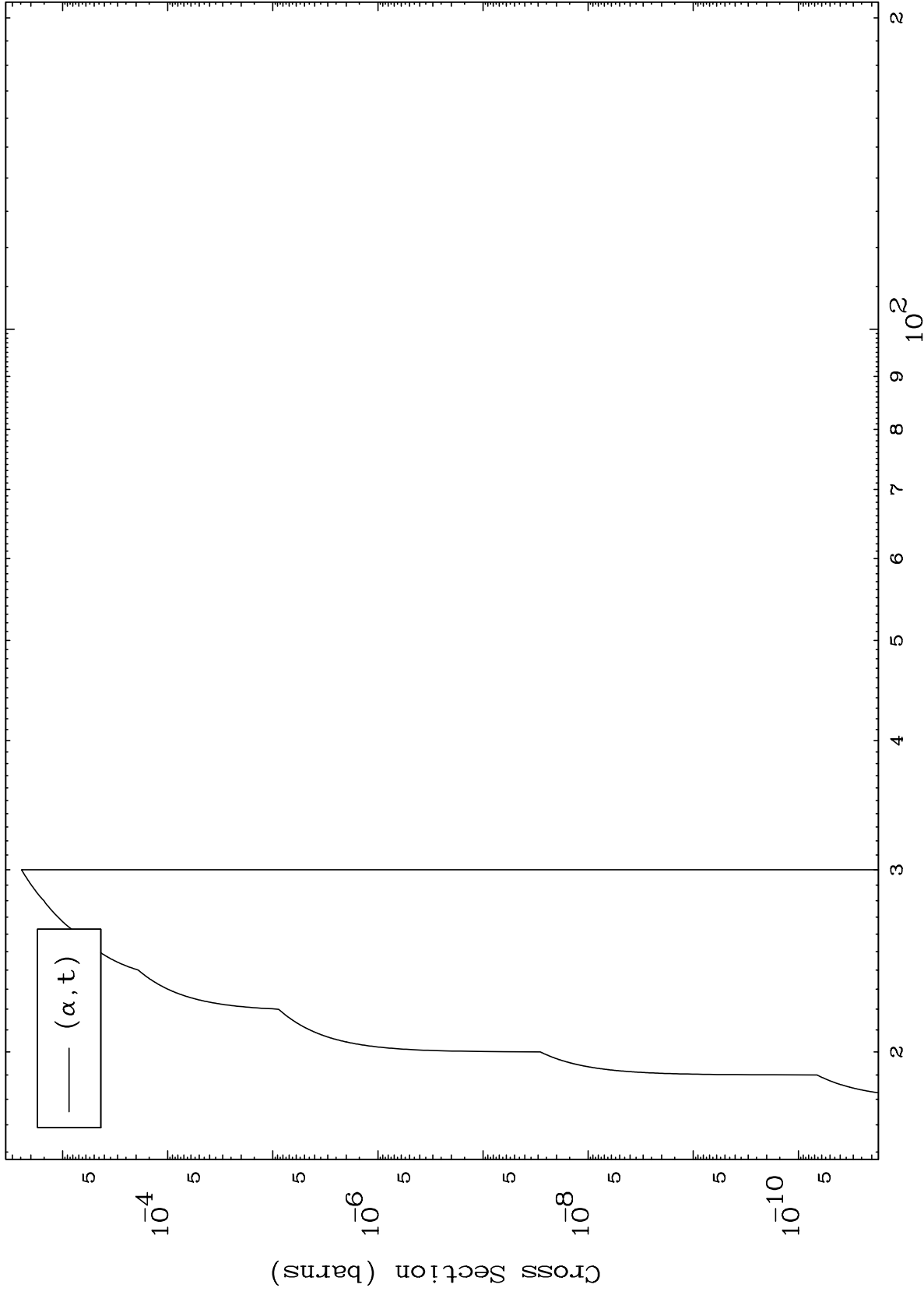
$^{34}\text{Se-73}$



MAT 3422

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

<sup>34</sup>Se-73



8

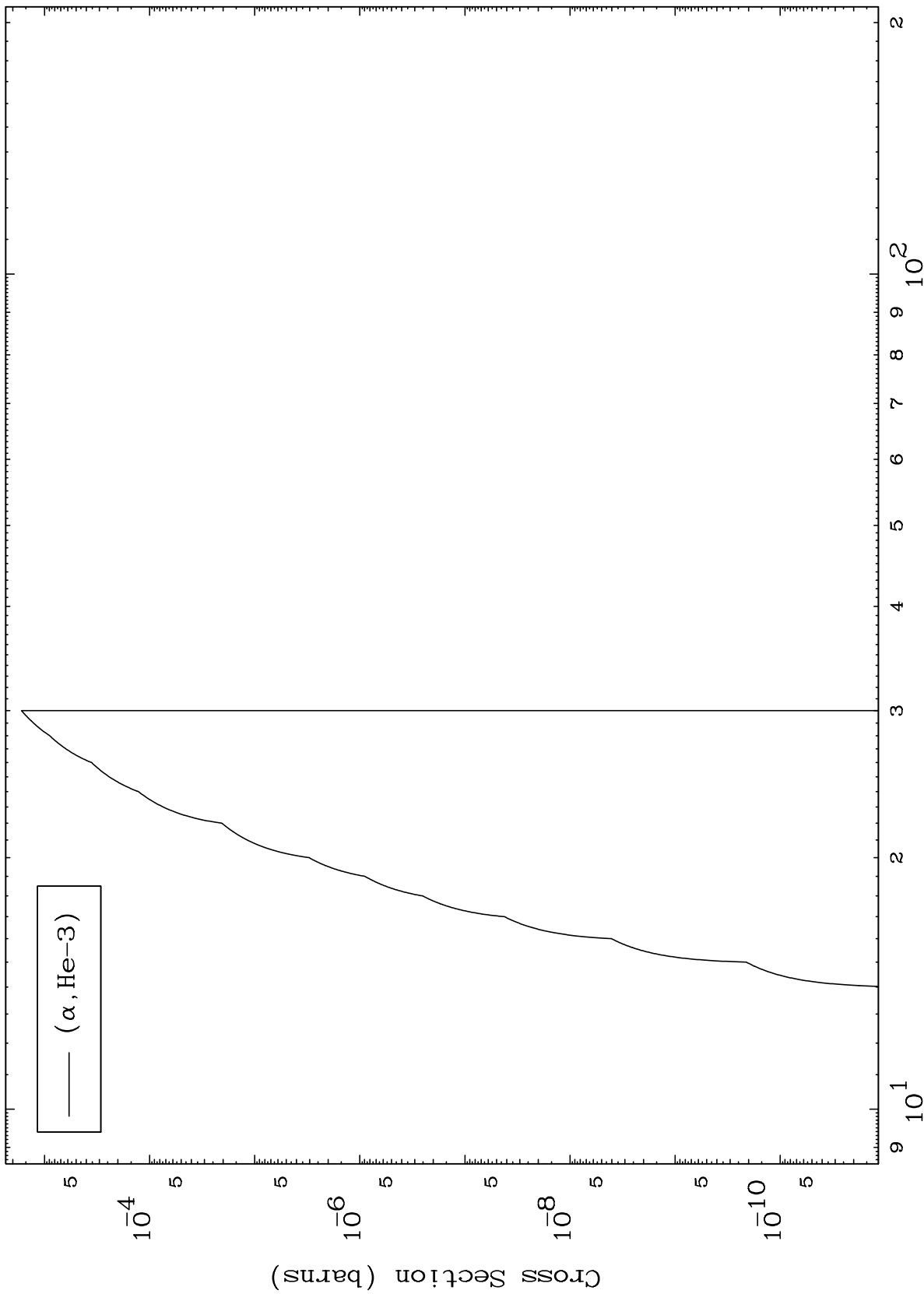
Incident Energy (MeV)

<sup>34</sup>Se-73

MAT 3422

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

<sup>34</sup>Se-73



Incident Energy (MeV)

<sup>34</sup>Se-73

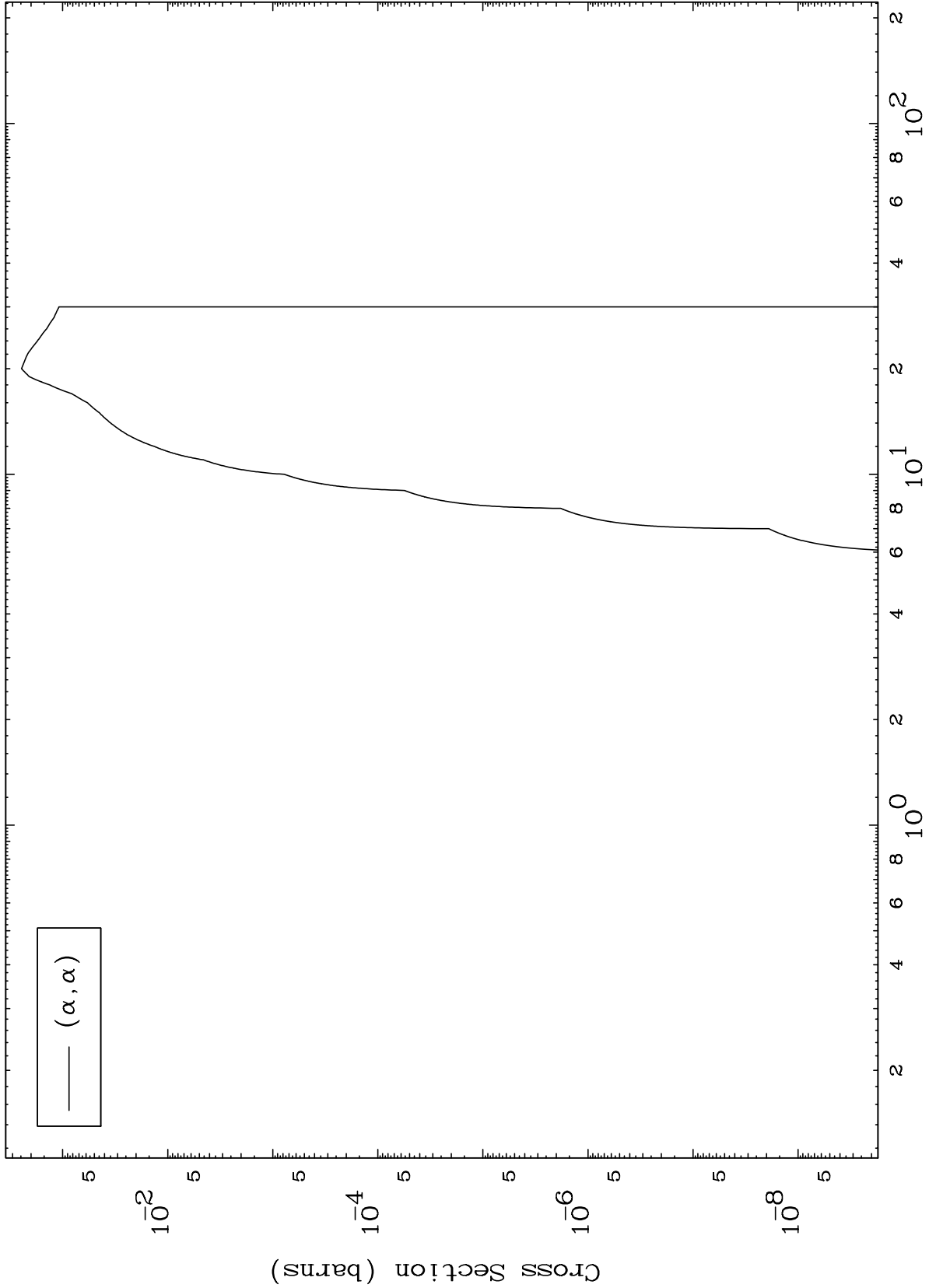
9

MAT 3422

( $\alpha, \alpha$ ) Levels

$^{34}\text{Se-73}$

0 Kelvin Cross Sections



( $\alpha, \alpha$ )

10

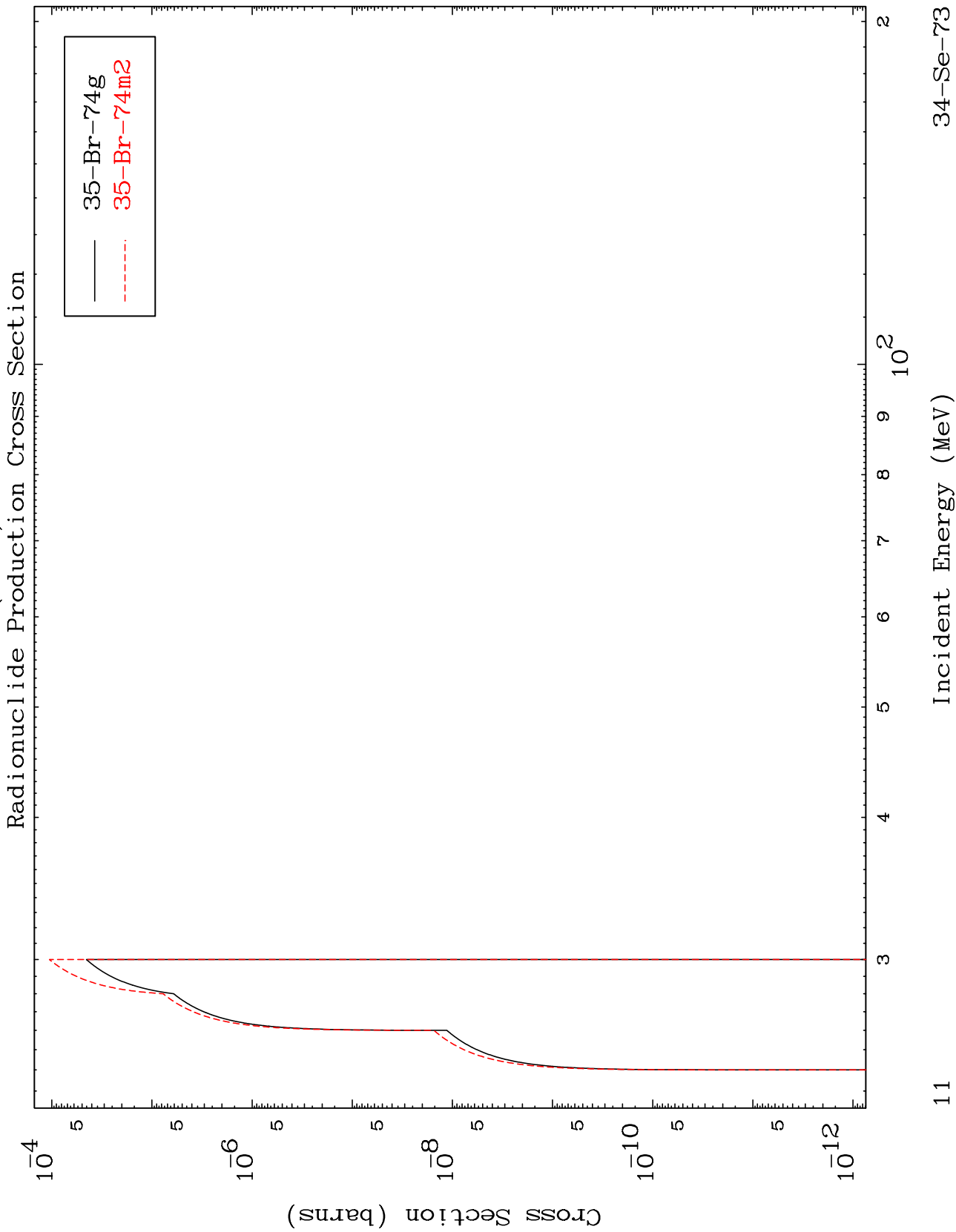
Incident Energy (MeV)

$^{34}\text{Se-73}$

MAT 3422

$(\alpha, n')$  d

$^{34}\text{Se-73}$

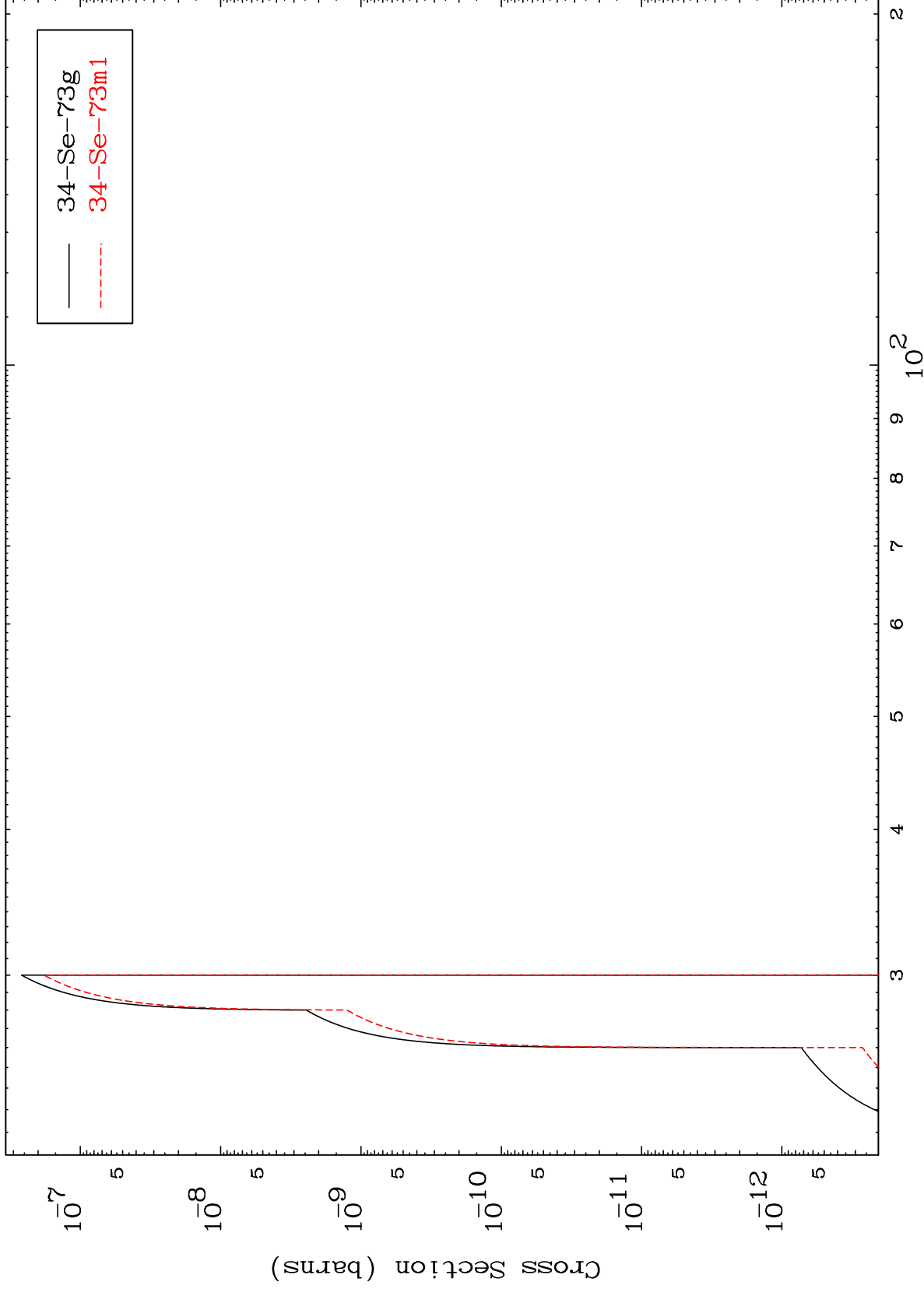


MAT 3422

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

<sup>34</sup>Se-73

Radionuclide Production Cross Section



12

Incident Energy (MeV)

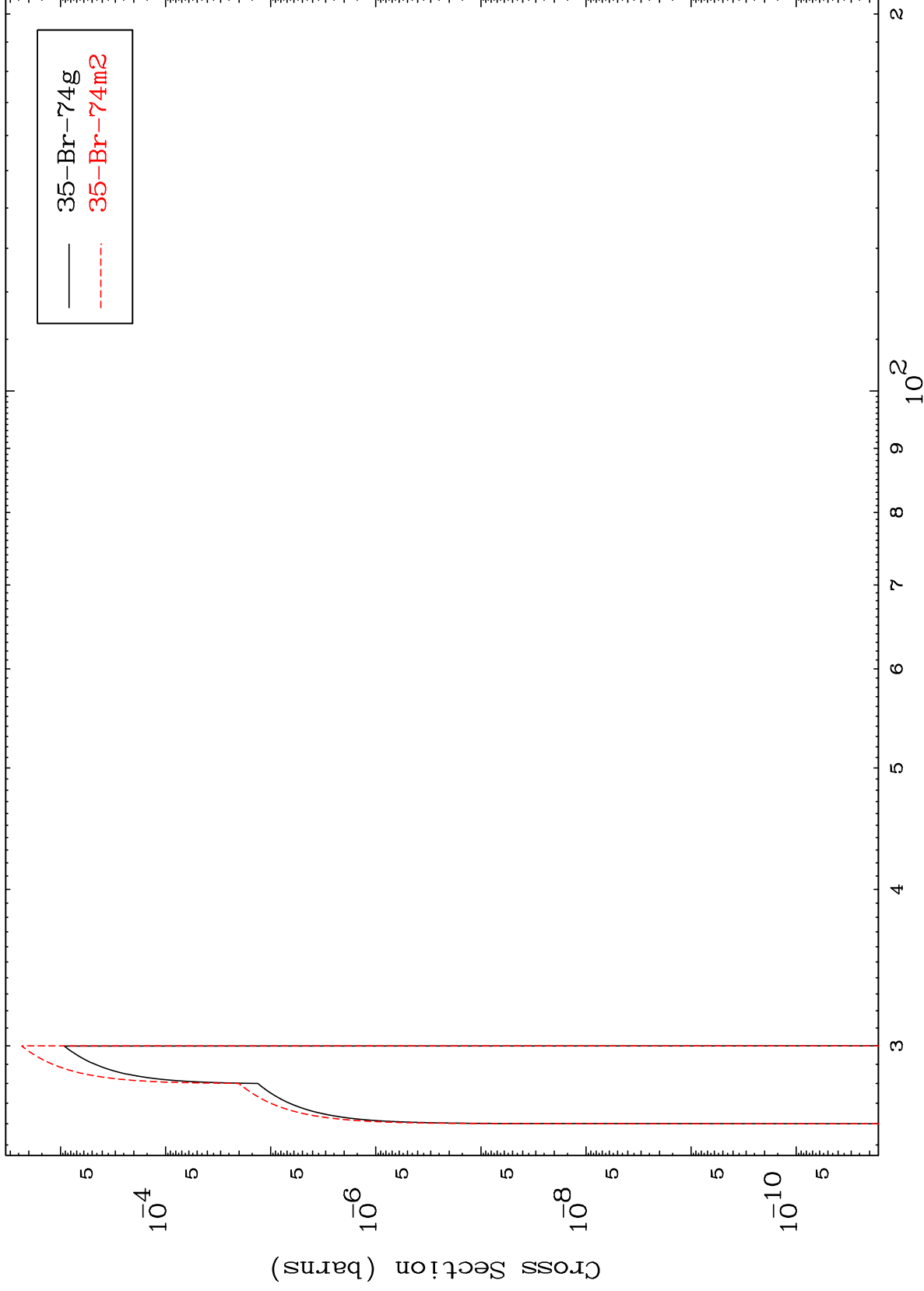
<sup>34</sup>Se-73

MAT 3422

$(\alpha, 2n)$  p

$^{34}\text{Se-73}$

Radionuclide Production Cross Section



13

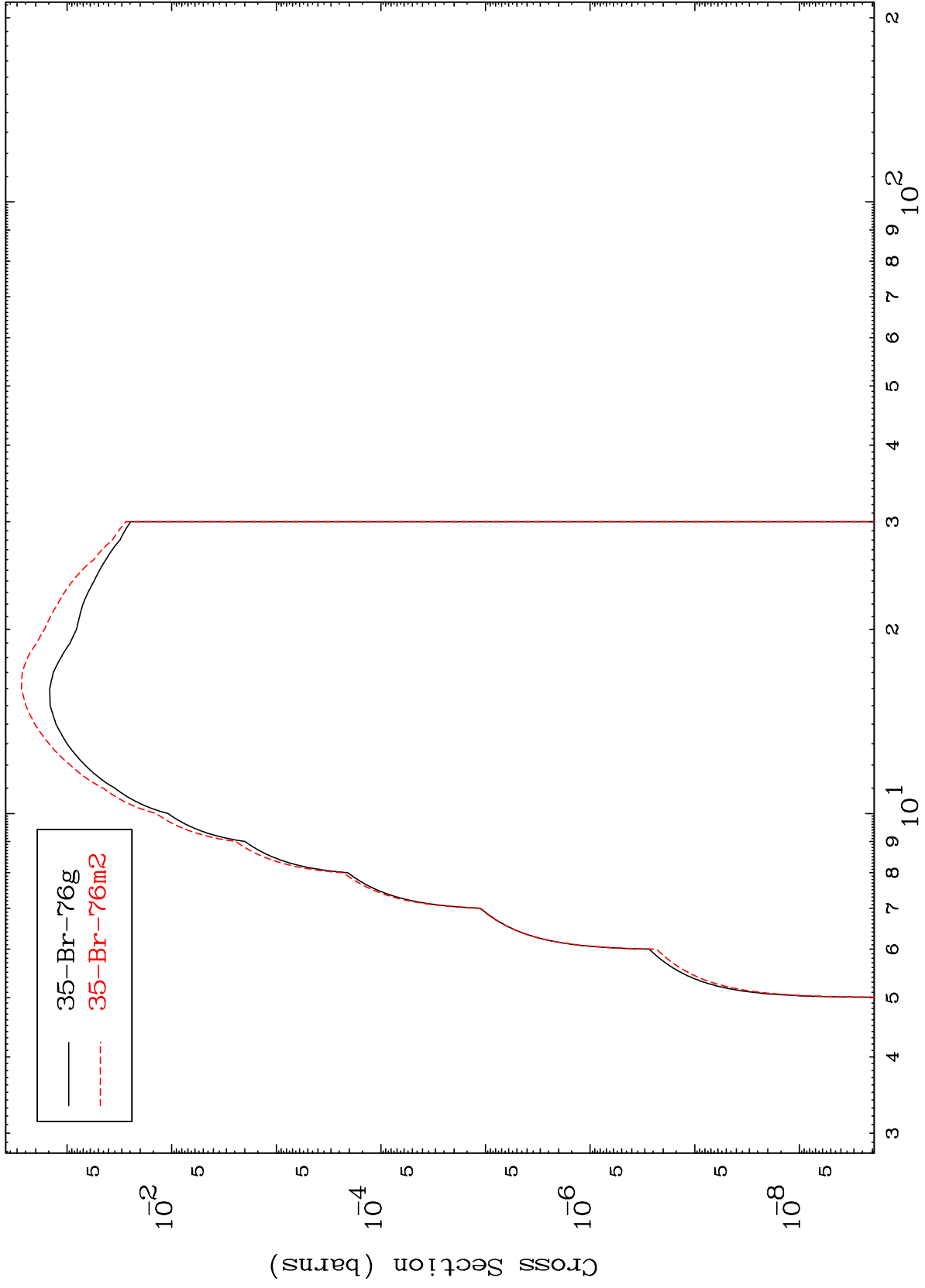
Incident Energy (MeV)

$^{34}\text{Se-73}$

MAT 3422

<sup>34</sup>Se-73

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



<sup>34</sup>Se-73

Incident Energy (MeV)

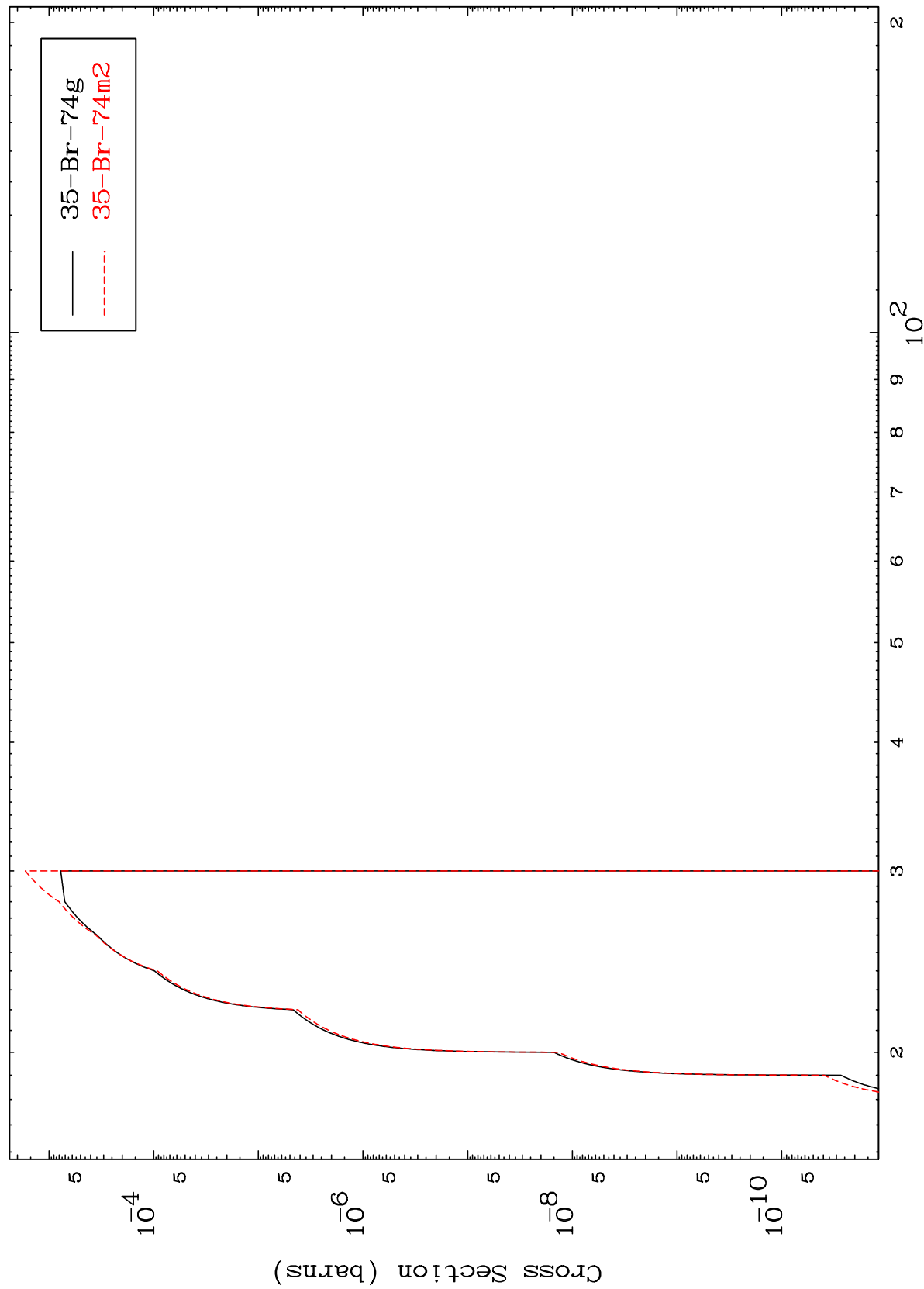
14

MAT 3422

( $\alpha, t$ )

<sup>34</sup>Se-73

Radionuclide Production Cross Section



15

Incident Energy (MeV)

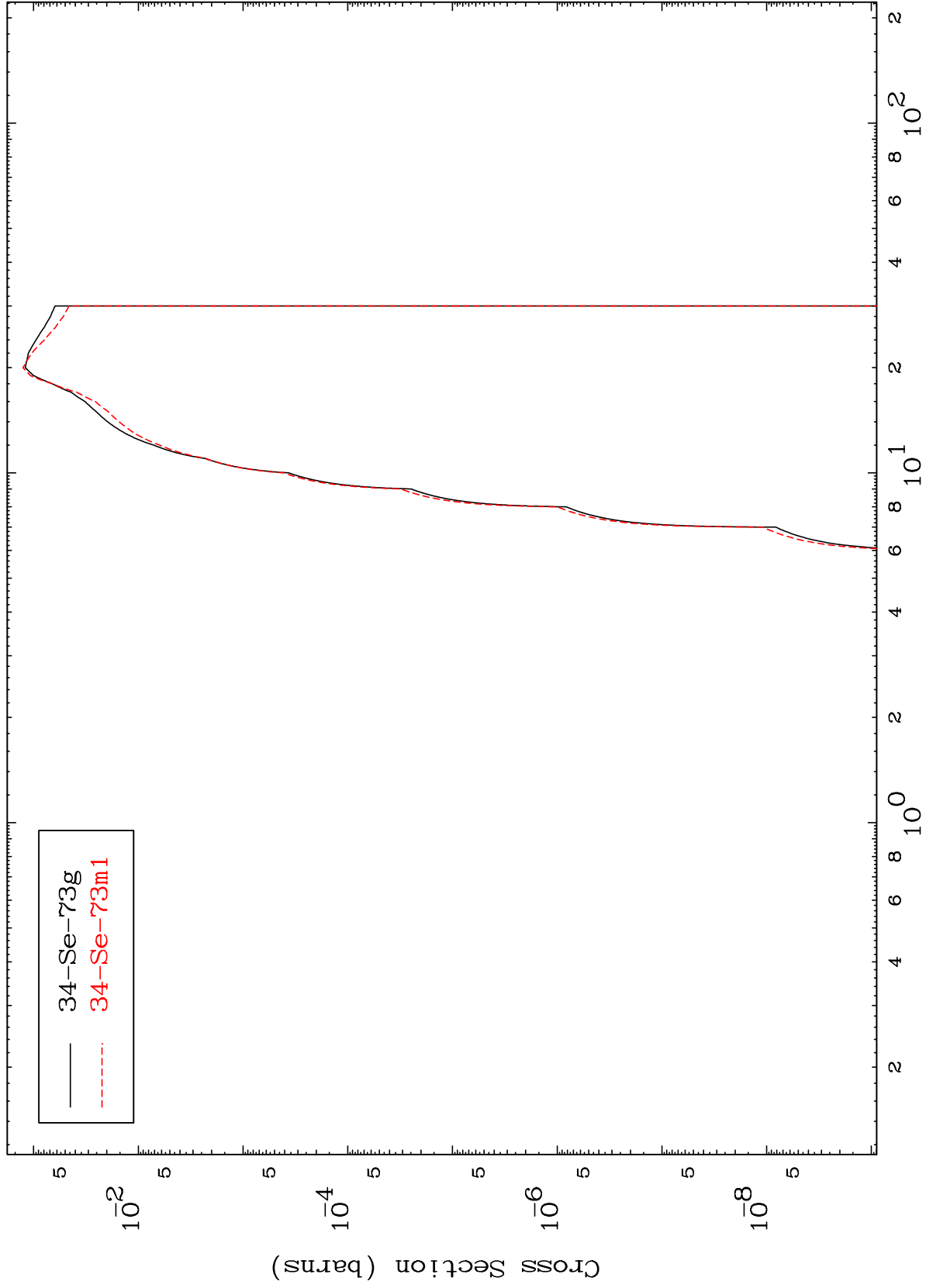
<sup>34</sup>Se-73



MAT 3422

$^{34}\text{Se-73}$

Radionuclide Production Cross Section



16

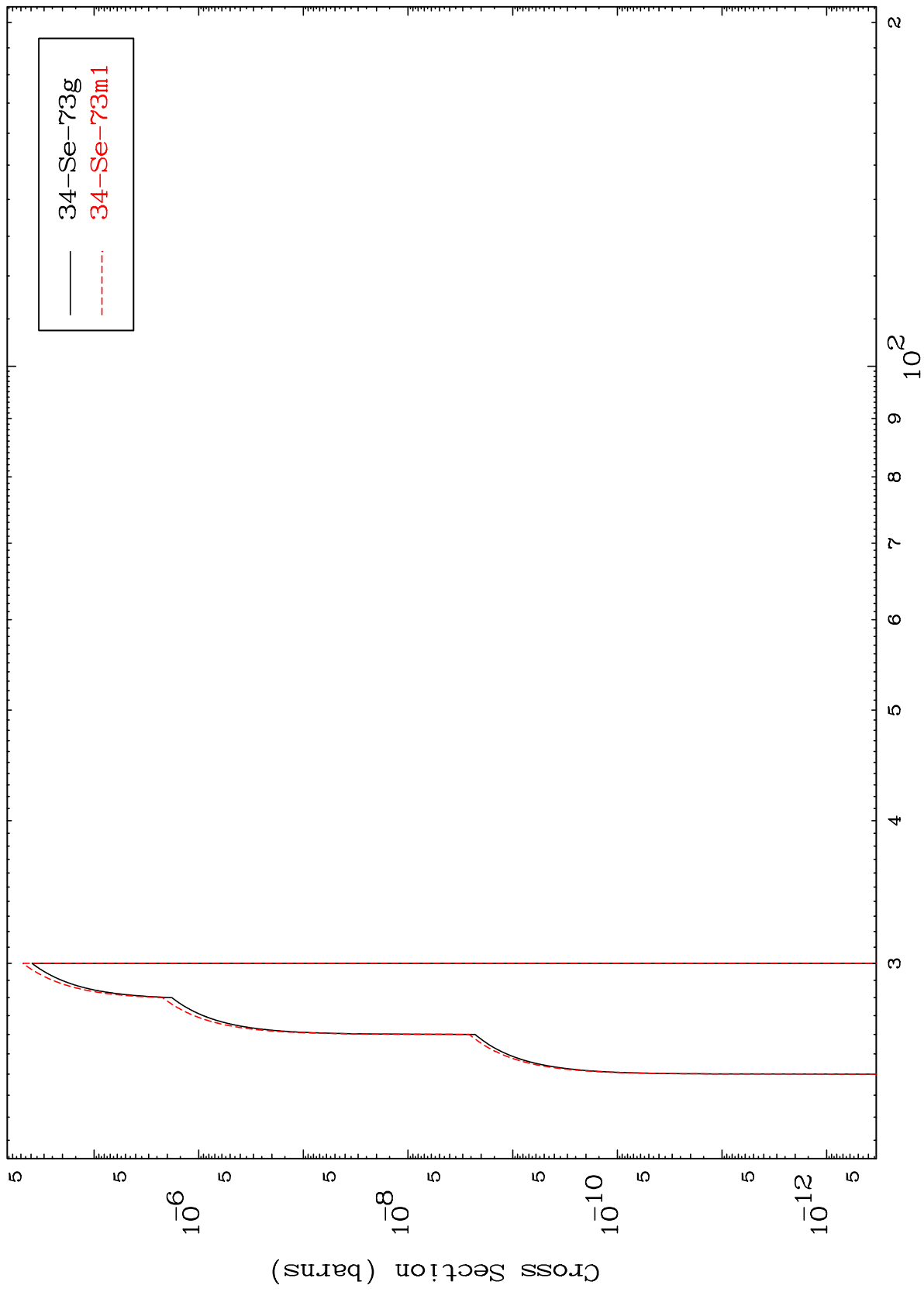
$^{34}\text{Se-73}$

MAT 3422

<sup>34</sup>Se-73

( $\alpha, p$ ) t

Radionuclide Production Cross Section



17

Incident Energy (MeV)

<sup>34</sup>Se-73