

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

Web:redcullen1.net/HOMEPAGE.NEW

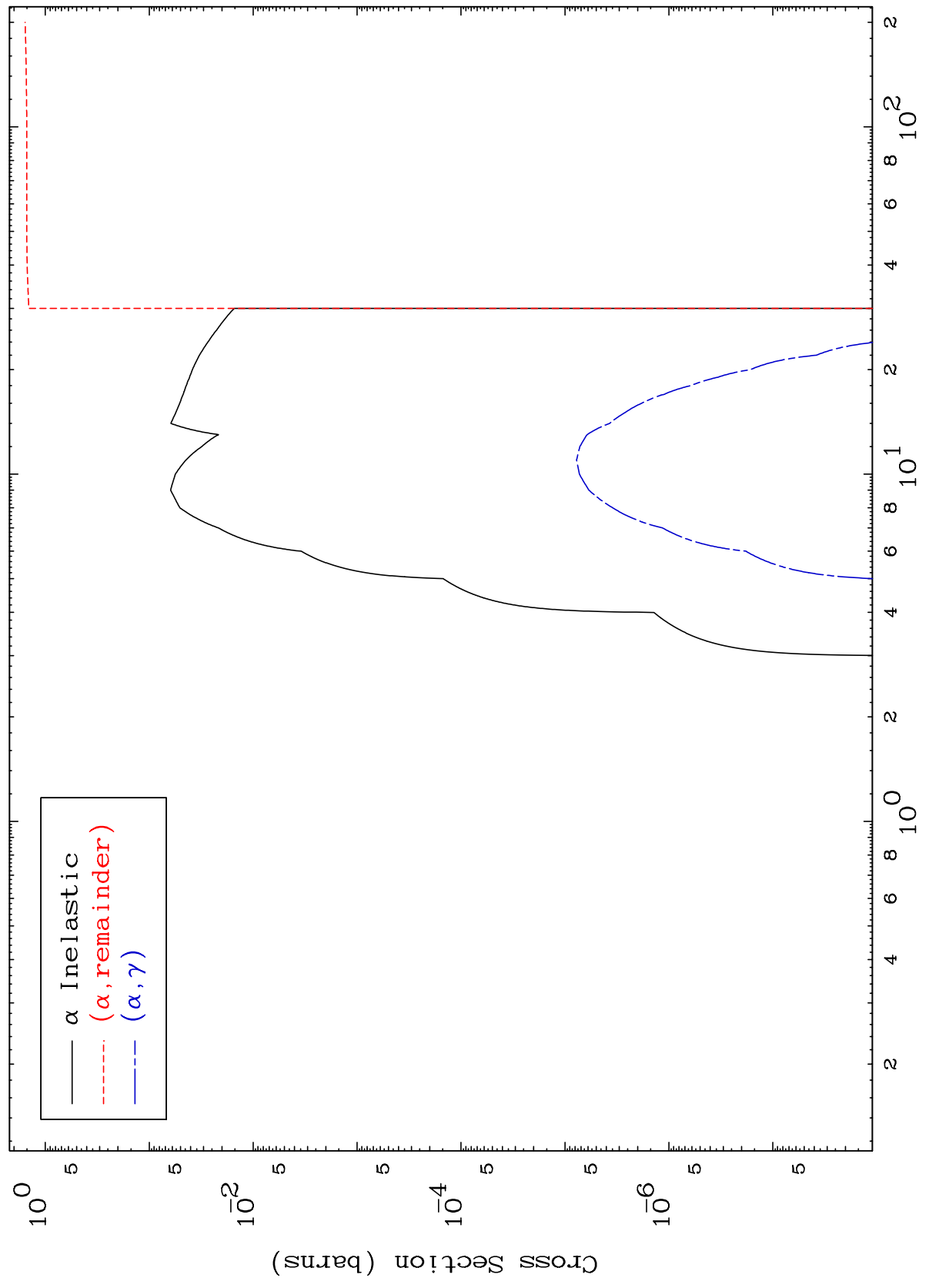
Press Mouse Button to Start

MAT 2446

0 Kelvin

$\alpha$  Major Cross Sections

<sup>24</sup>Cr-57



$\alpha$  Inelastic  
( $\alpha$ , remainder)  
( $\alpha$ ,  $\gamma$ )

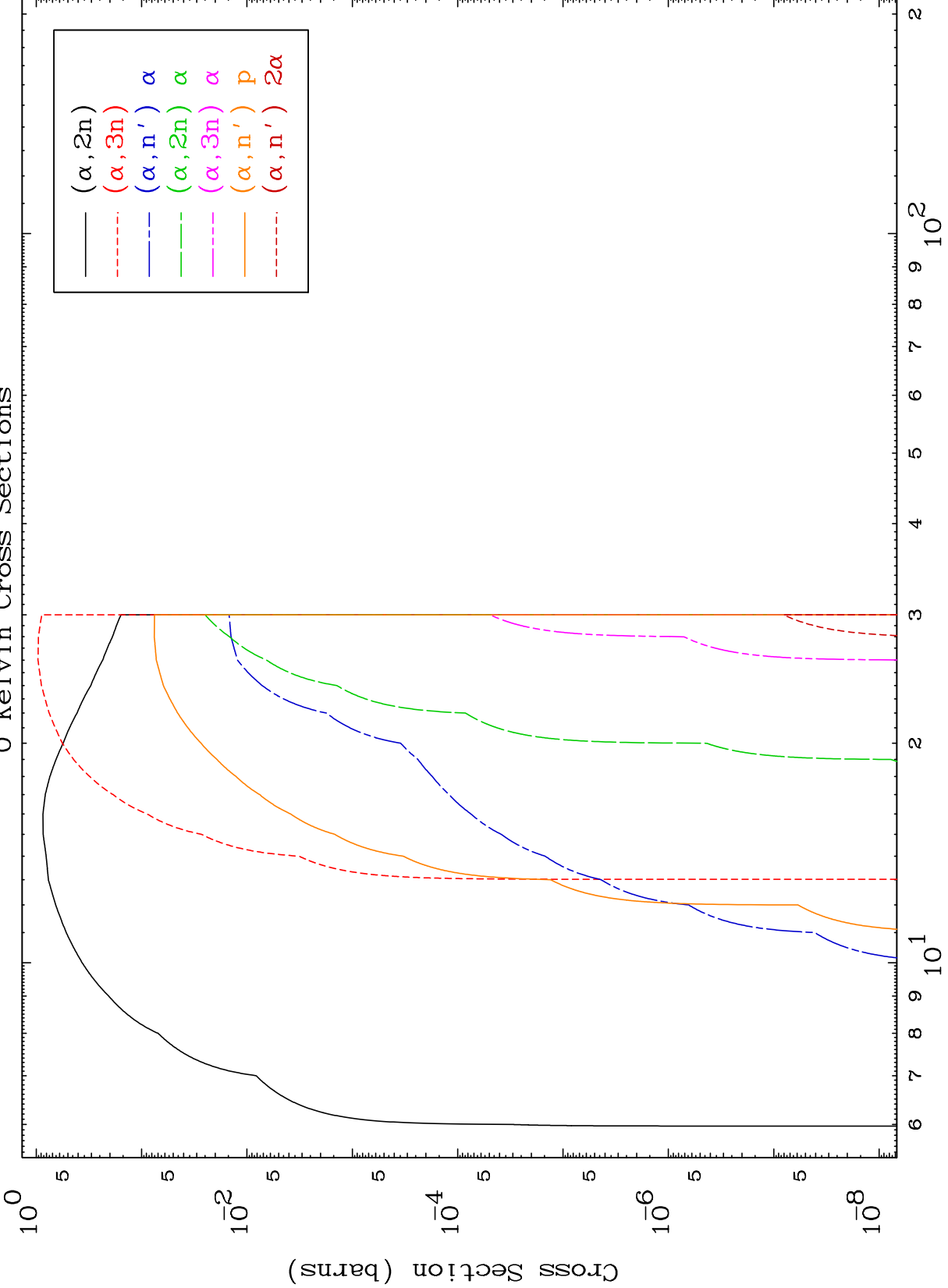
<sup>24</sup>Cr-57

Incident Energy (MeV)

MAT 2446

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

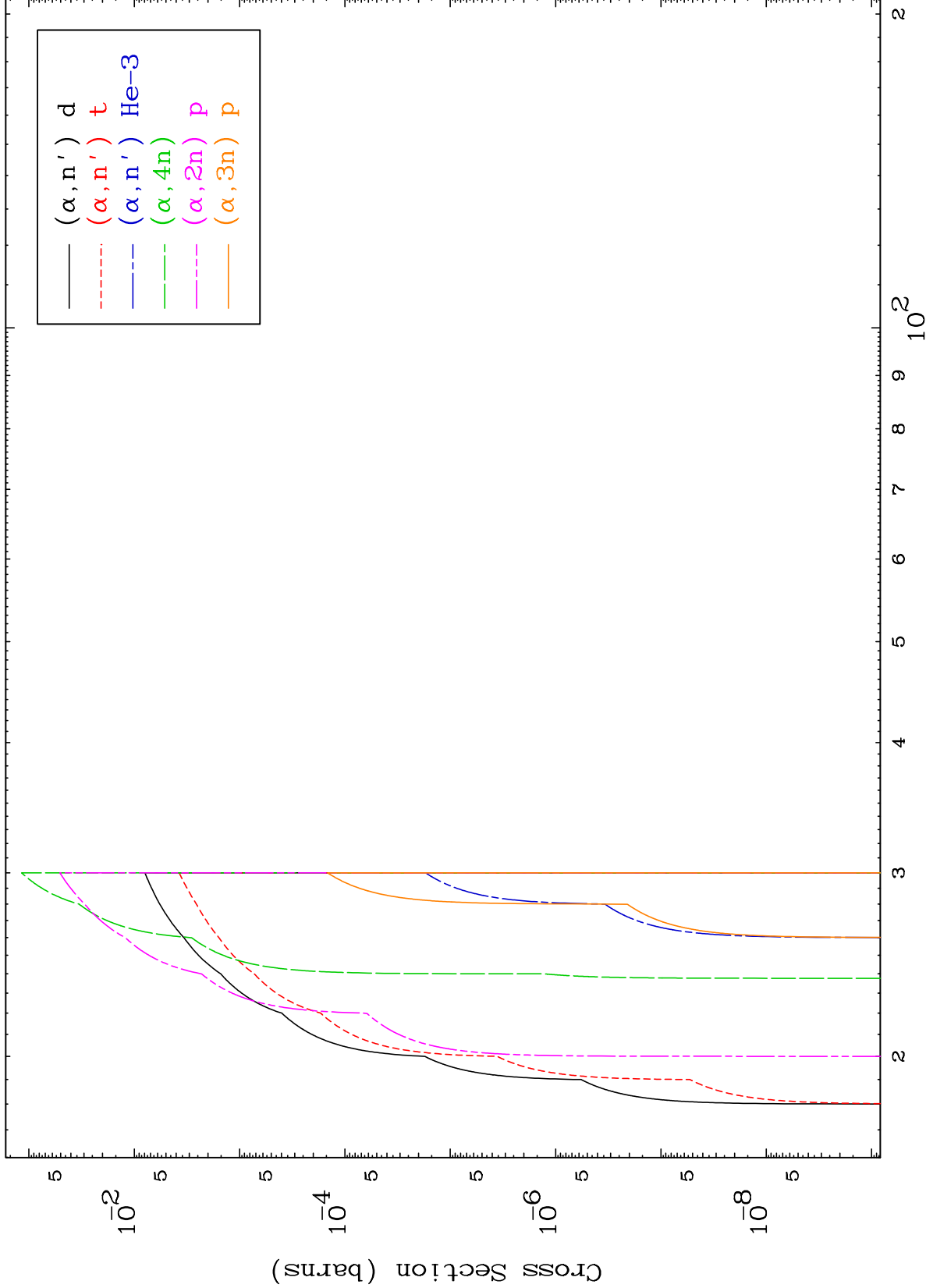
24-Cr-57

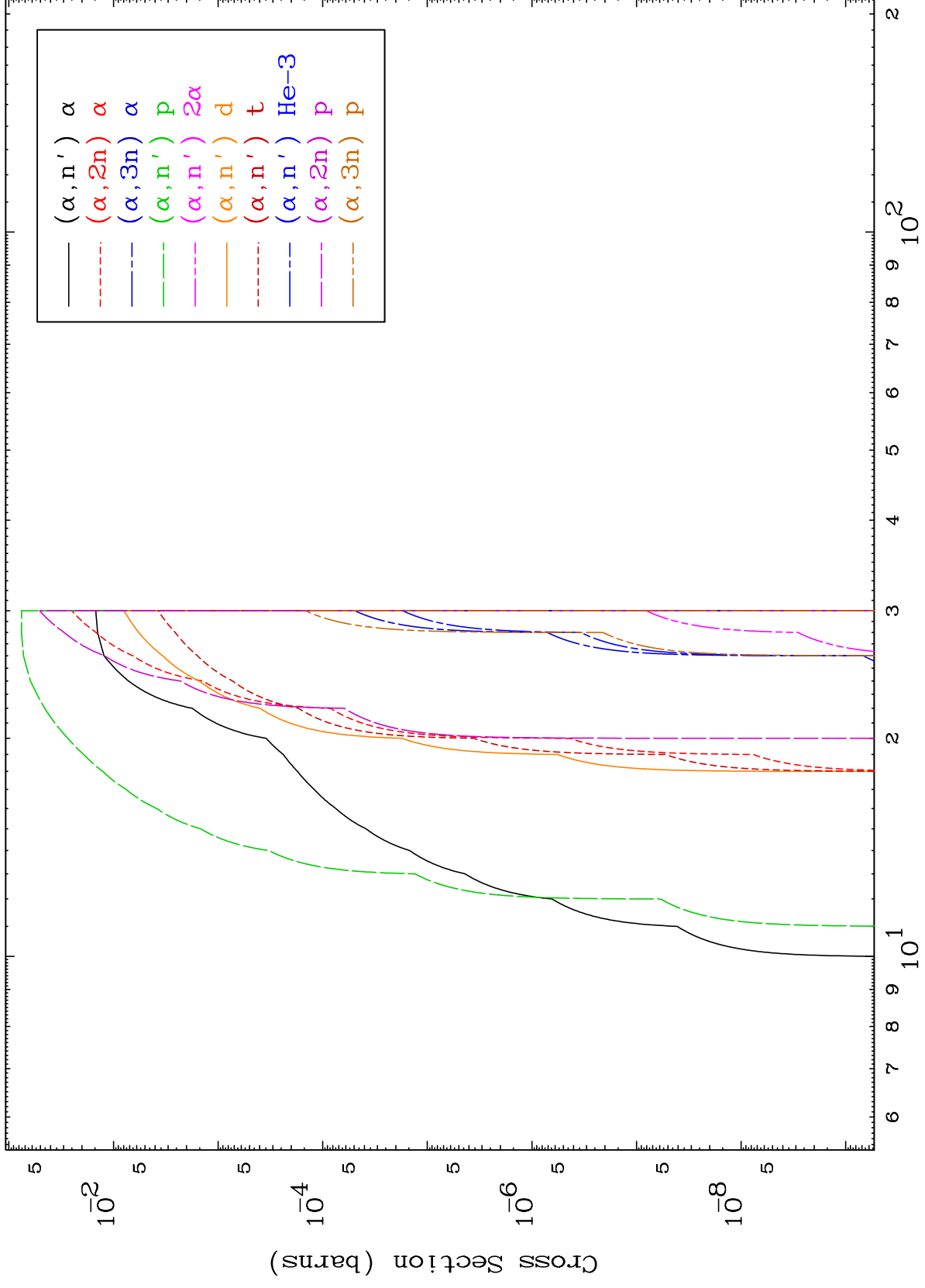


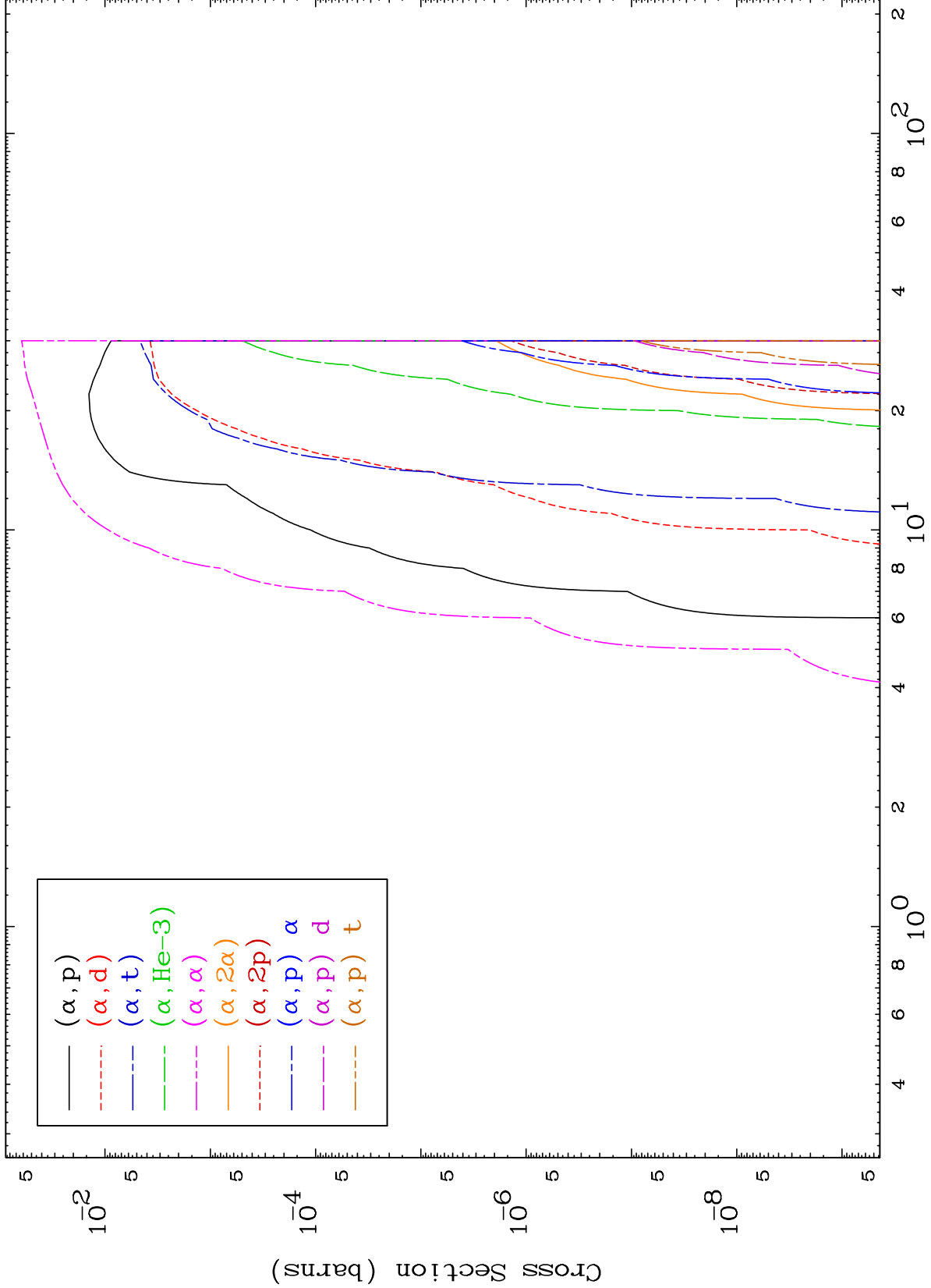
2

Incident Energy (MeV)

24-Cr-57





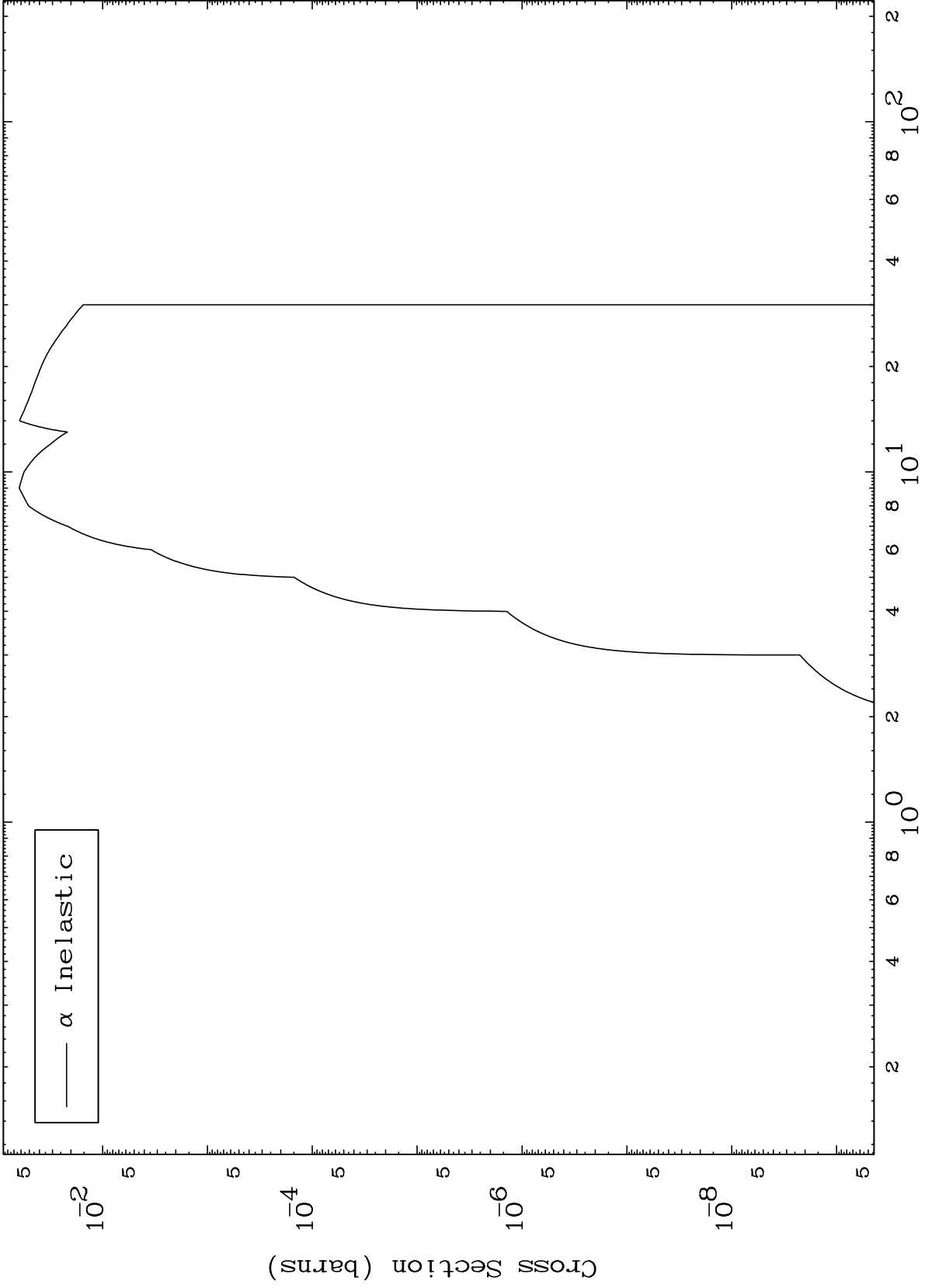


MAT 2446

( $\alpha, n'$ ) Level

24-Cr-57

0 Kelvin Cross Sections



6

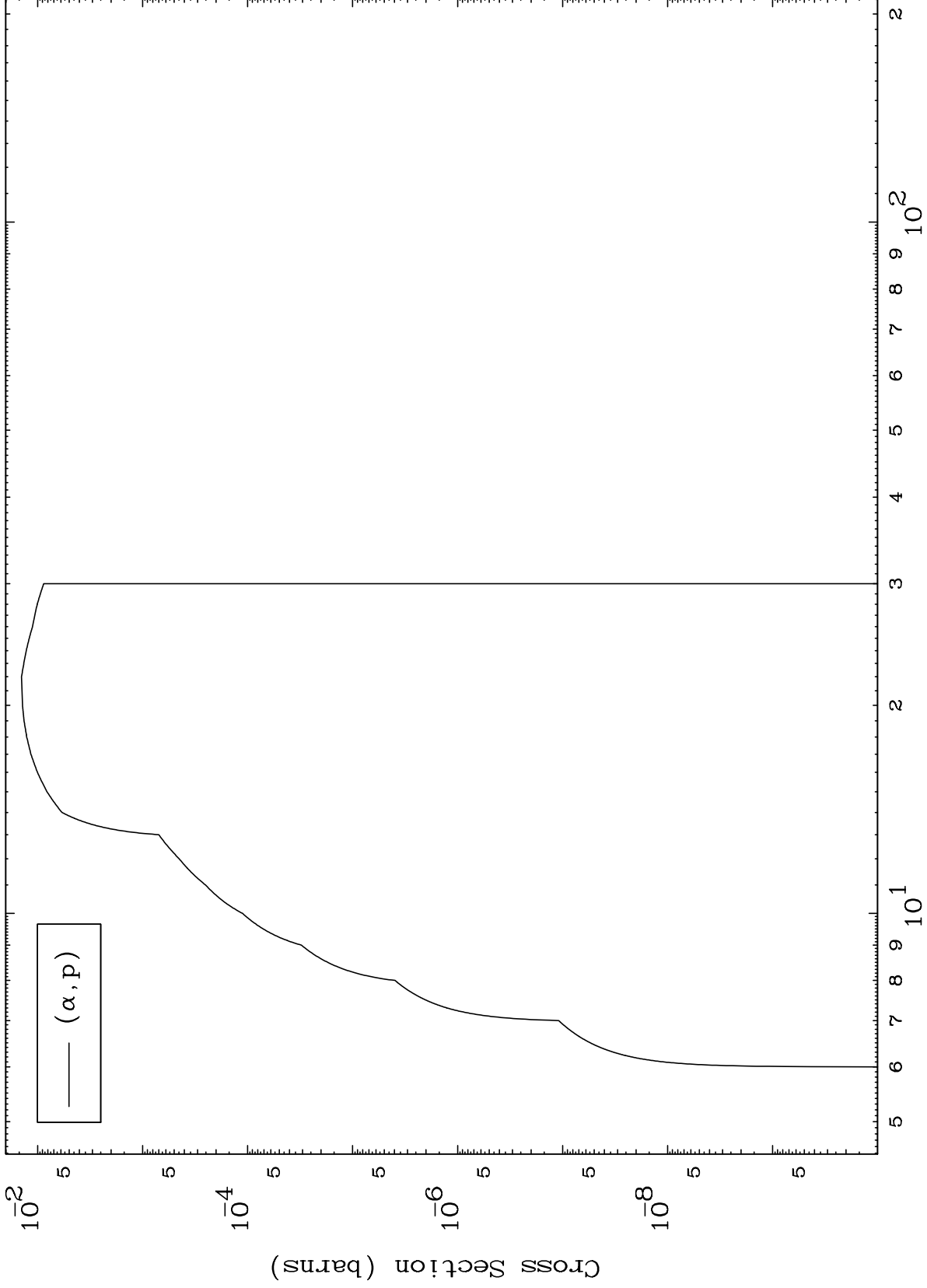
Incident Energy (MeV)

24-Cr-57

MAT 2446

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

24-Cr-57



7

Incident Energy (MeV)

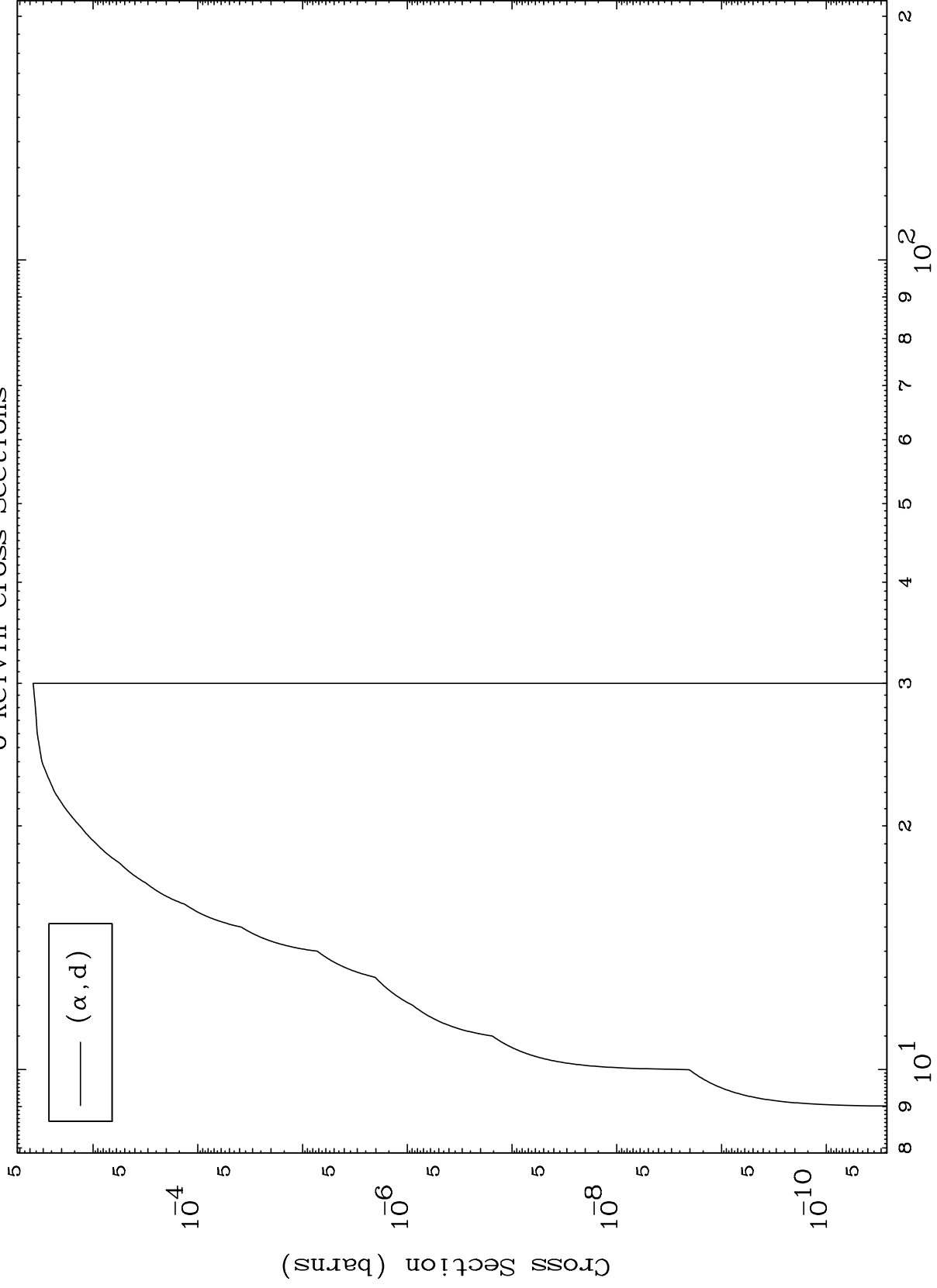
24-Cr-57



MAT 2446

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

24-Cr-57



8

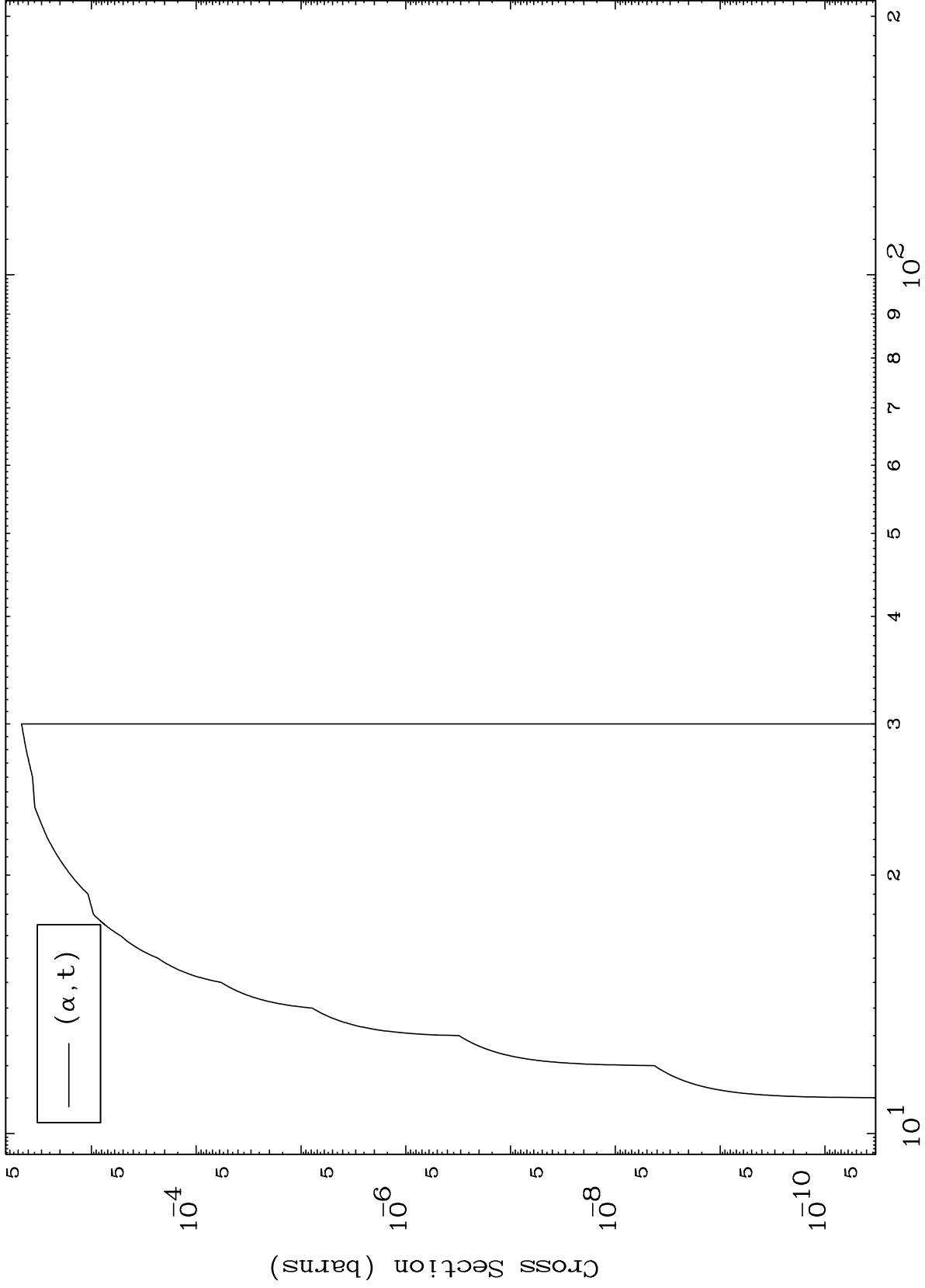
Incident Energy (MeV)

24-Cr-57

MAT 2446

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

24-Cr-57



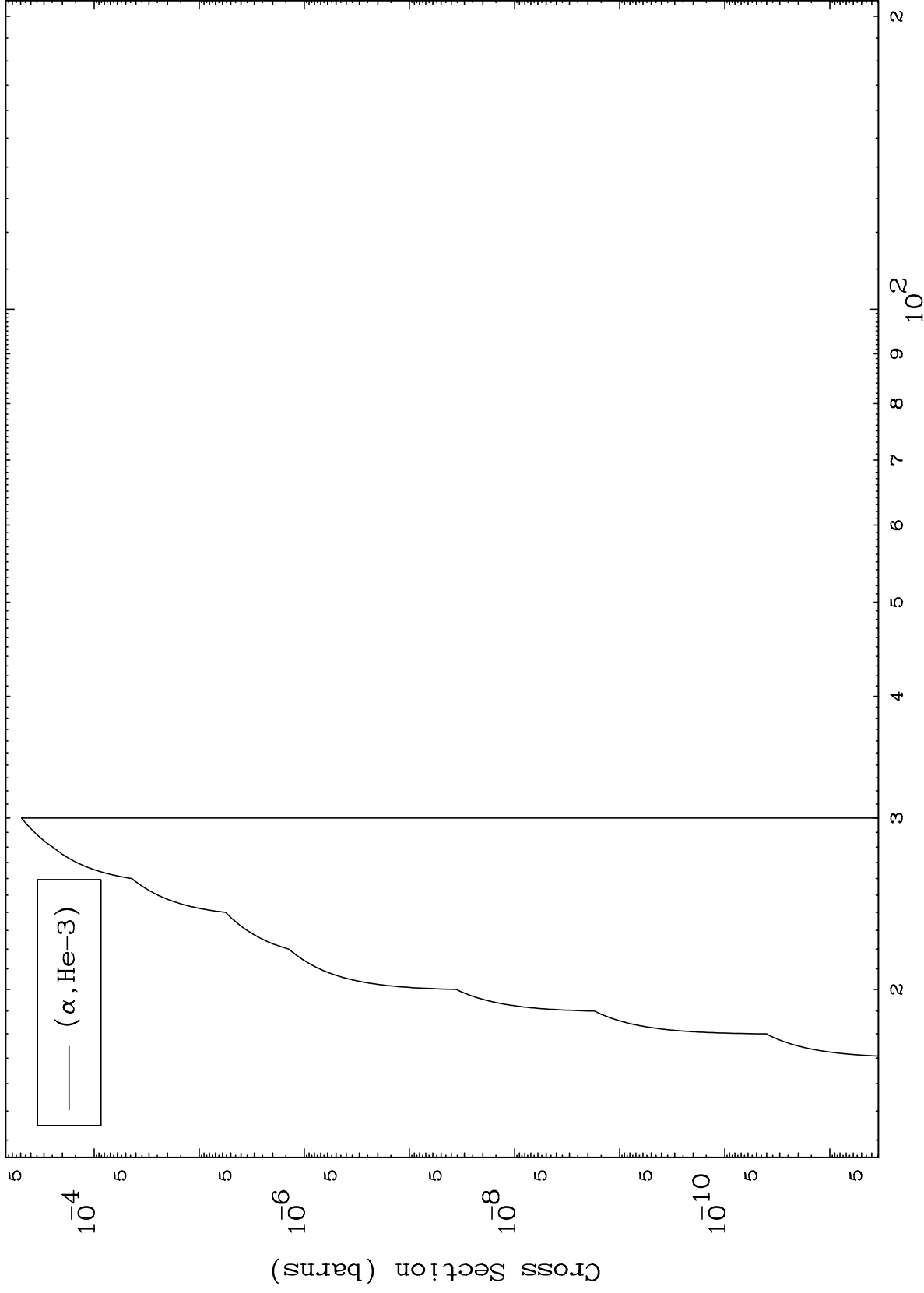
Incident Energy (MeV)

24-Cr-57

MAT 2446

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

24-Cr-57



10

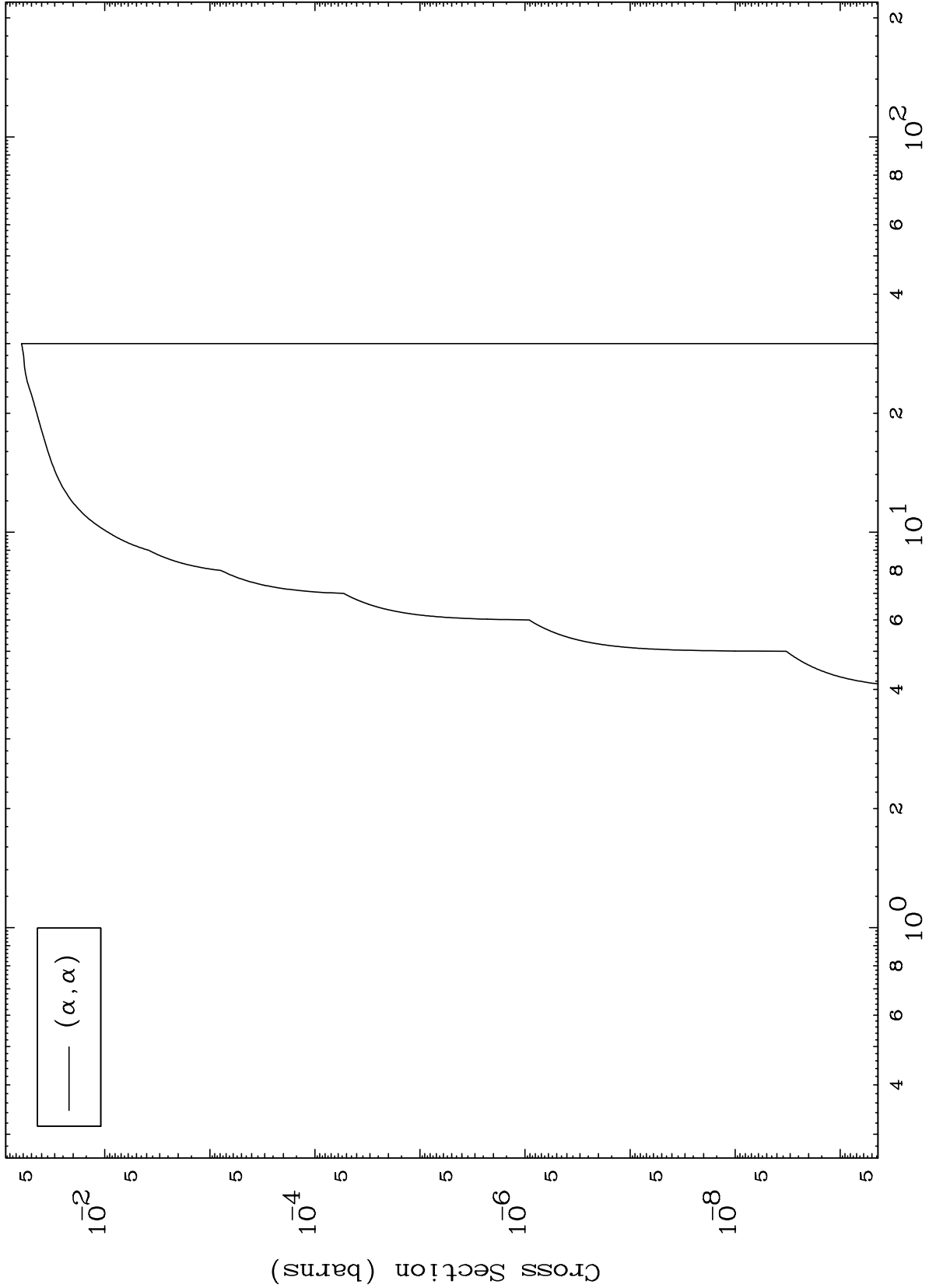
Incident Energy (MeV)

24-Cr-57

MAT 2446

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

24-Cr-57

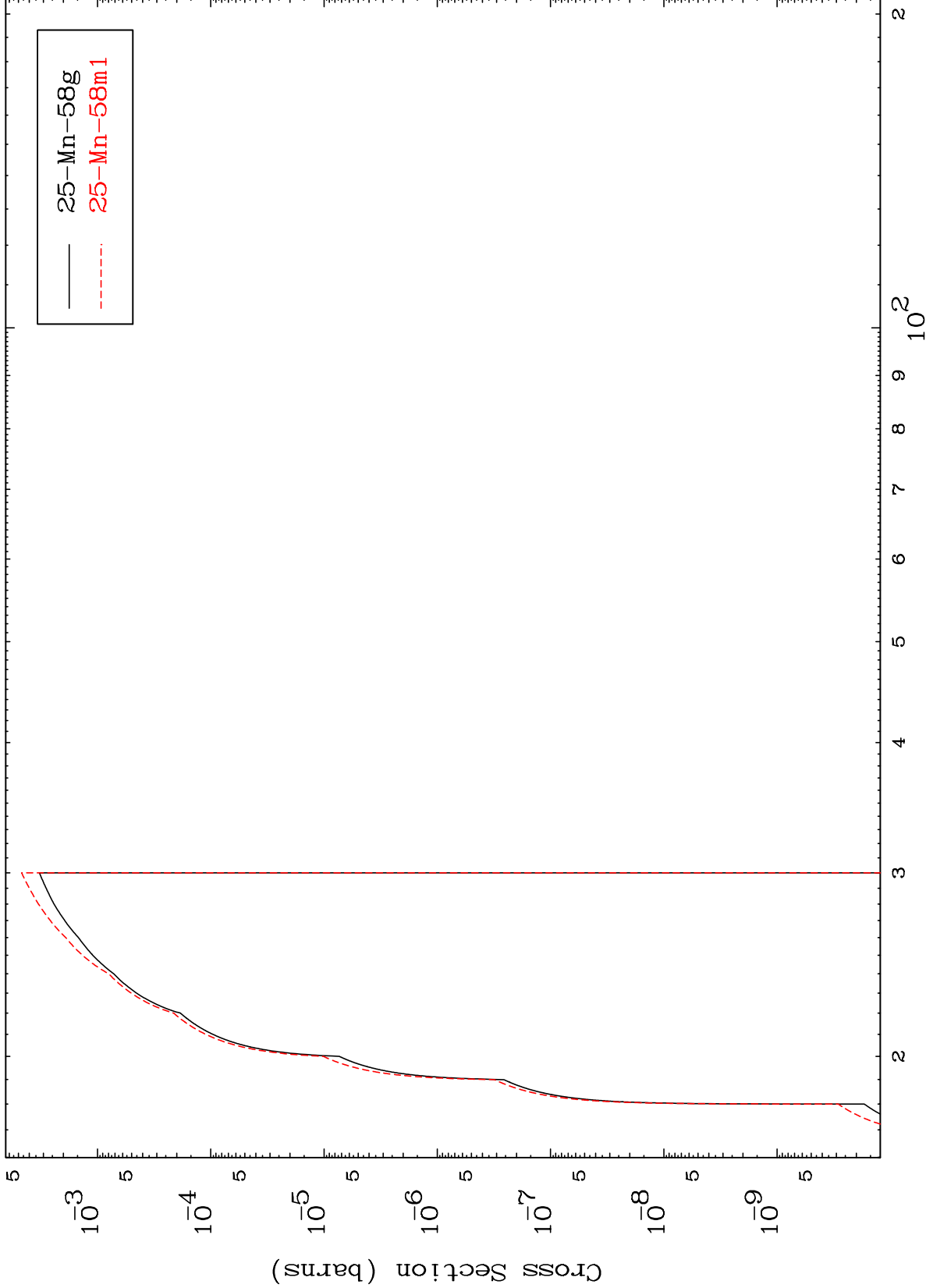


MAT 2446

( $\alpha, n'$ ) d

24-Cr-57

Radionuclide Production Cross Section



12

Incident Energy (MeV)

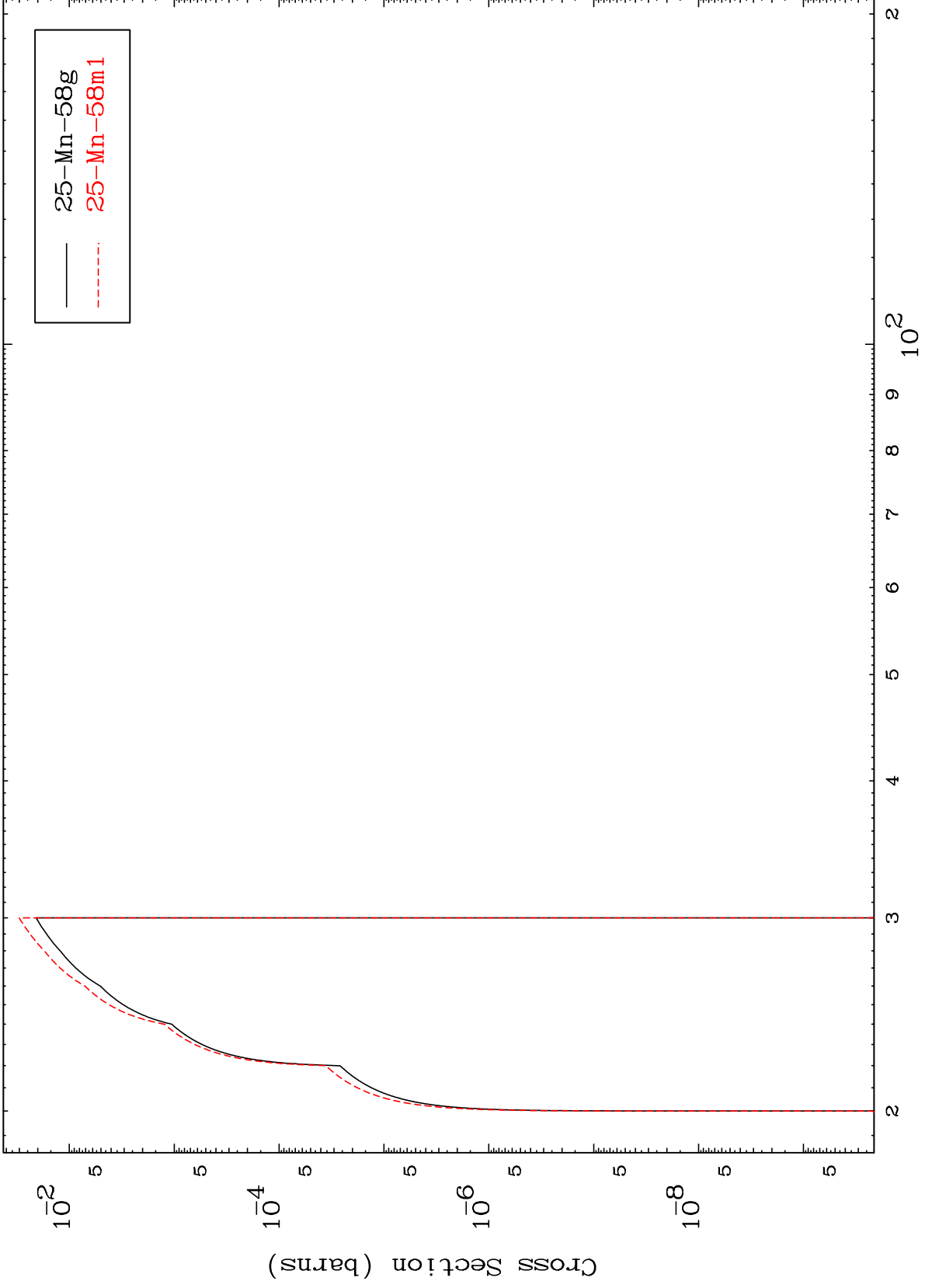
24-Cr-57

MAT 2446

$(\alpha, 2n)$  p

$^{24}\text{Cr-57}$

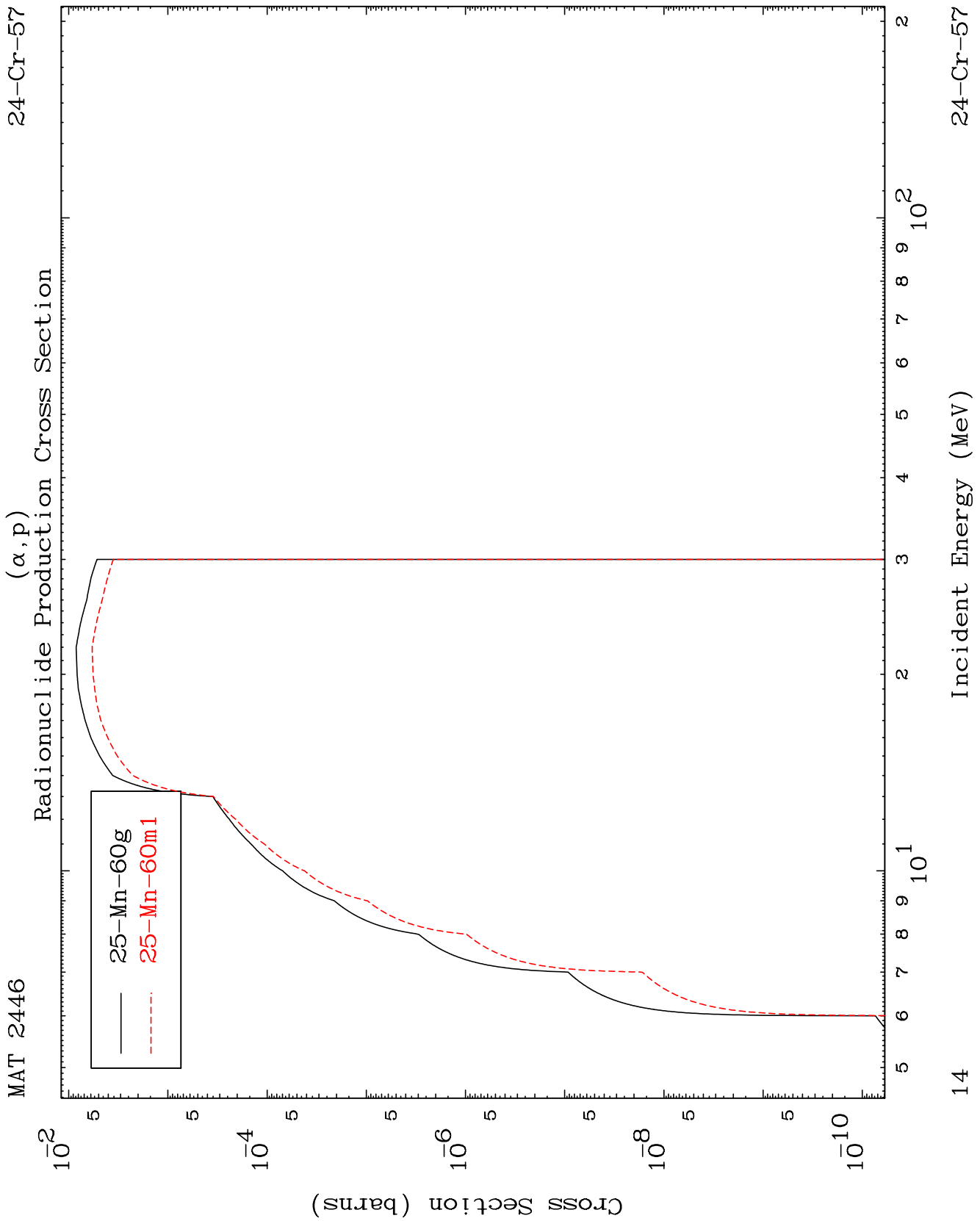
Radionuclide Production Cross Section



13

Incident Energy (MeV)

$^{24}\text{Cr-57}$

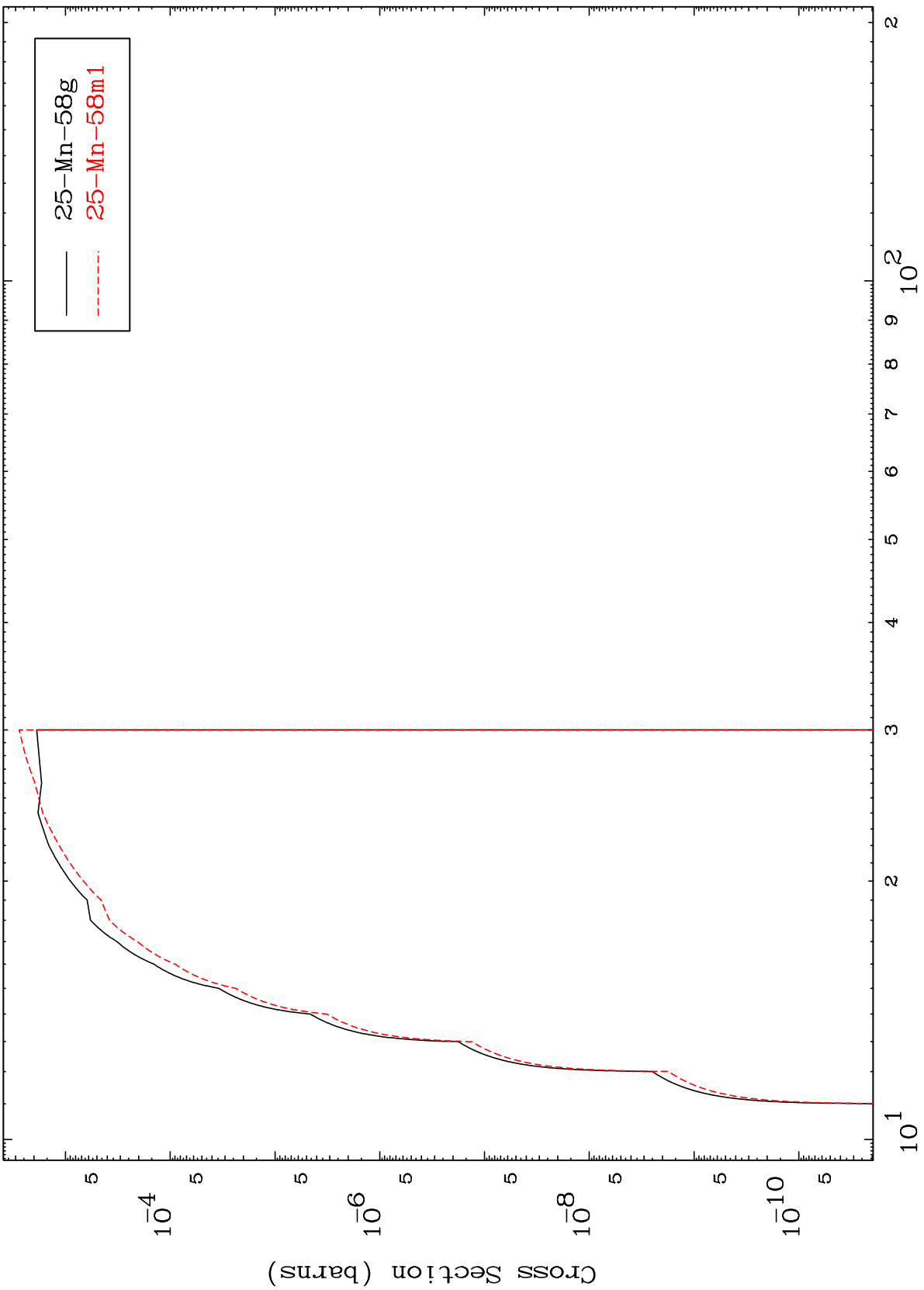


MAT 2446

( $\alpha, t$ )

24-Cr-57

Radionuclide Production Cross Section



Incident Energy (MeV)

24-Cr-57