

Program EVALPLOT  
(Version 2018-1)

by

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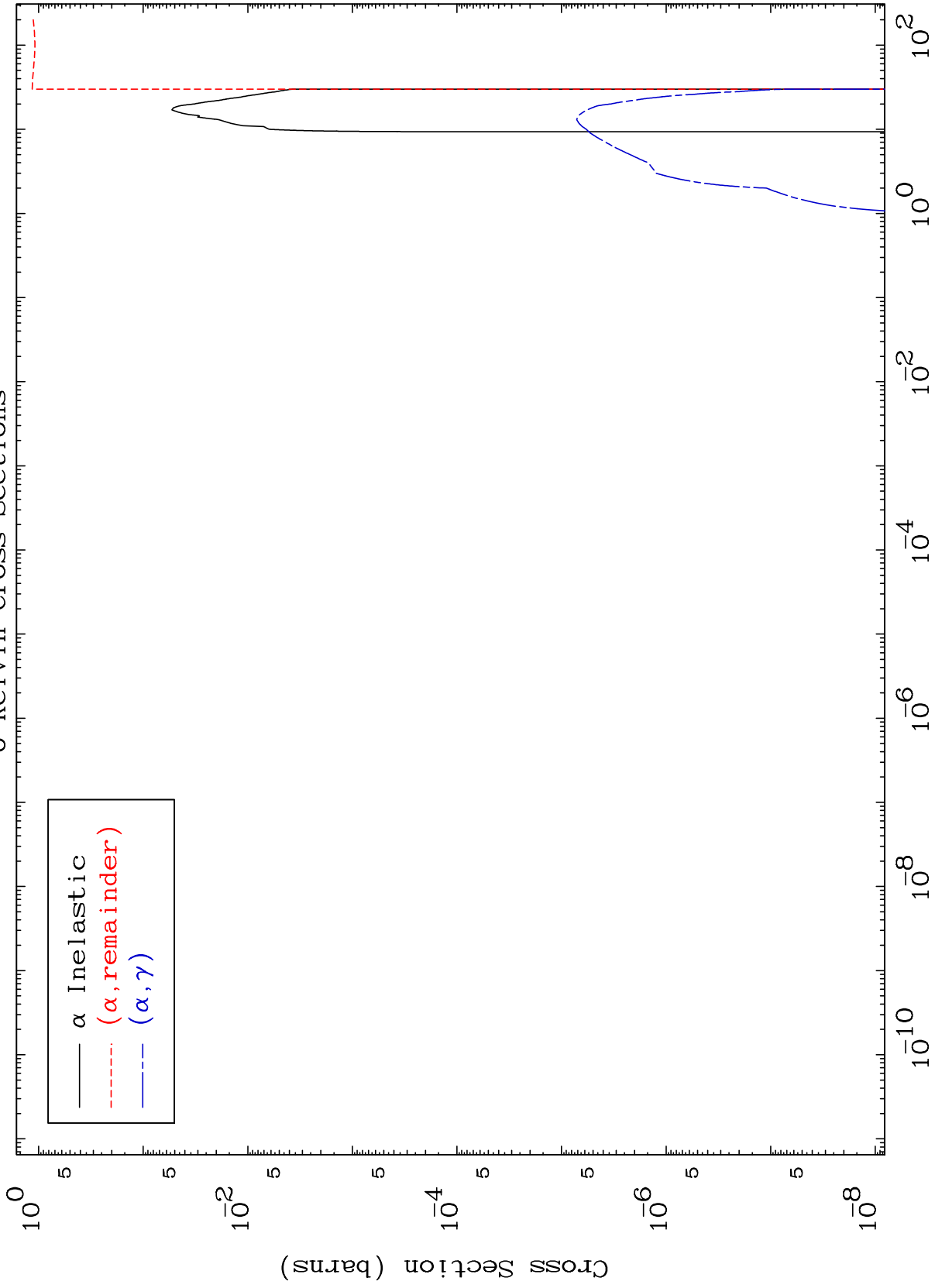
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1425

0 Kelvin  $\alpha$  Major  
Cross Sections

14-Si-28

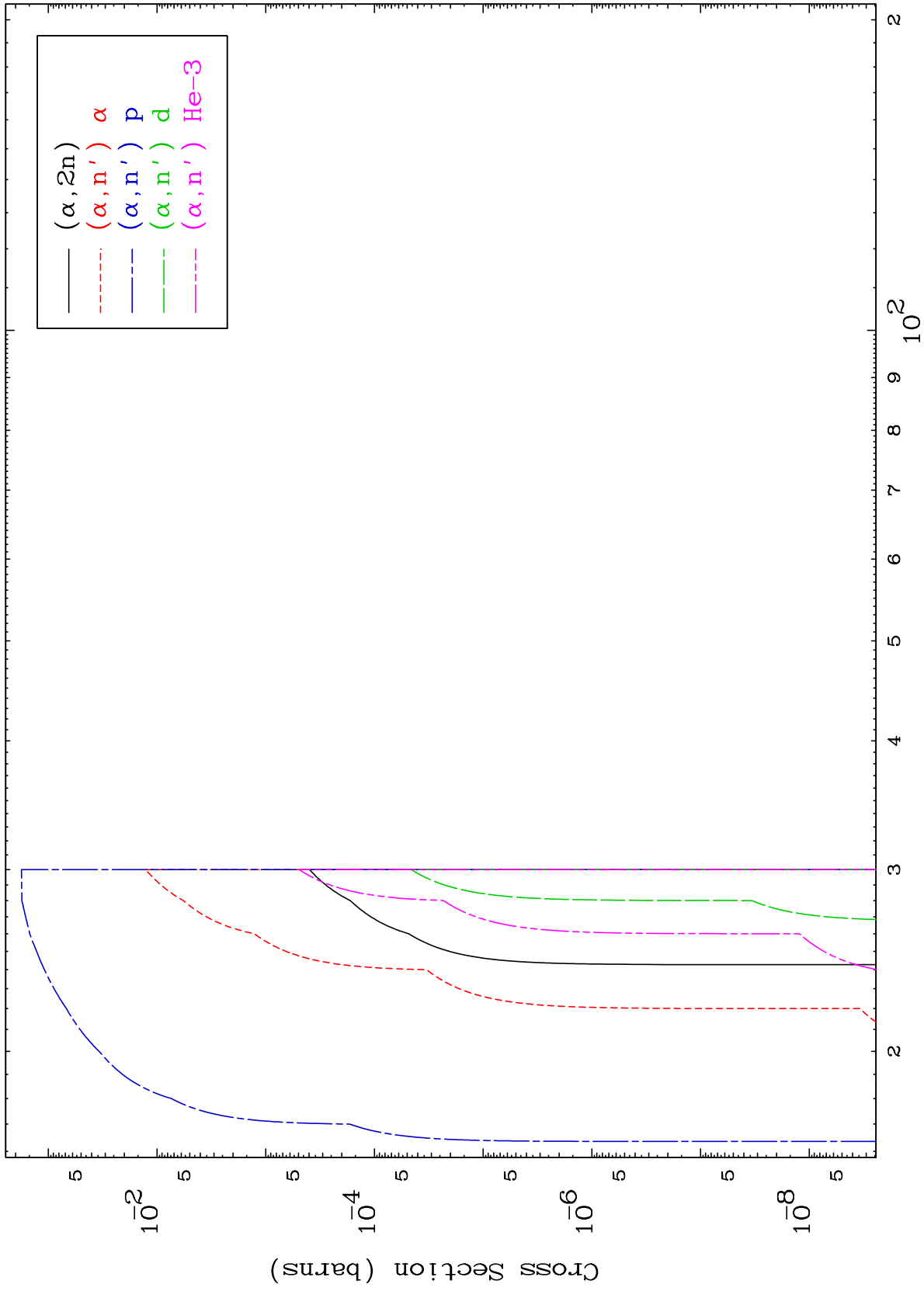


14-Si-28

MAT 1425

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

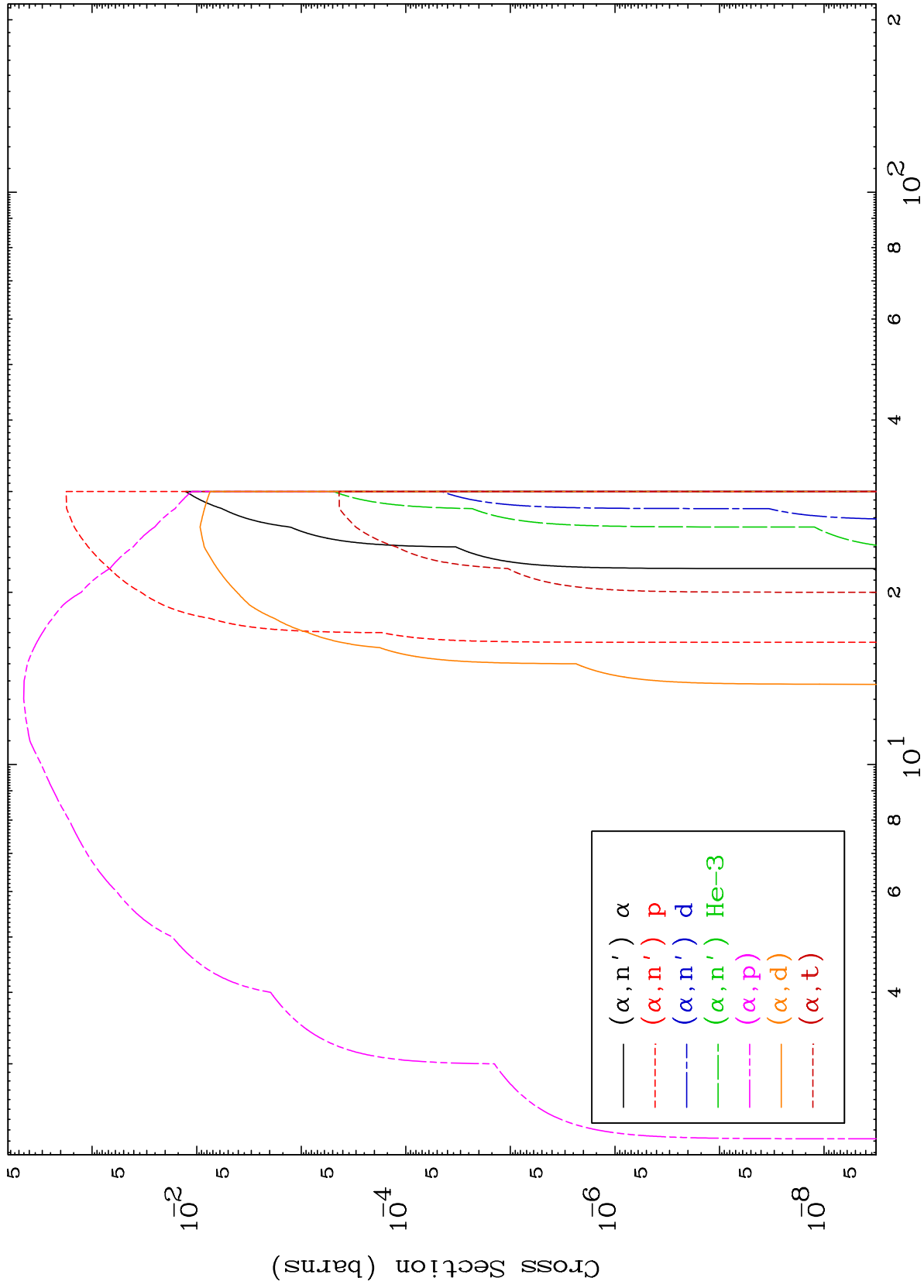
<sup>14</sup>Si-28

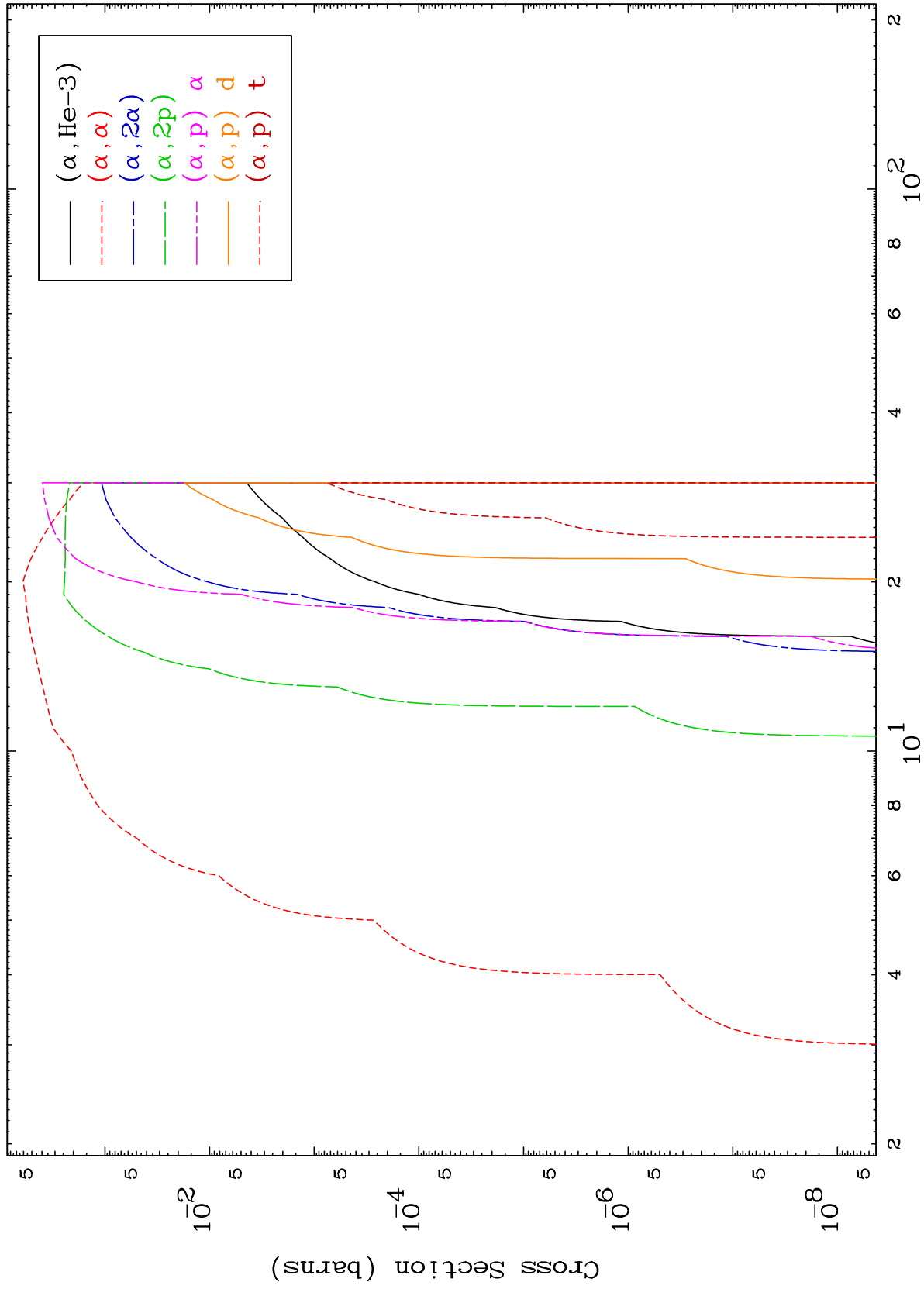


2

Incident Energy (MeV)

<sup>14</sup>Si-28

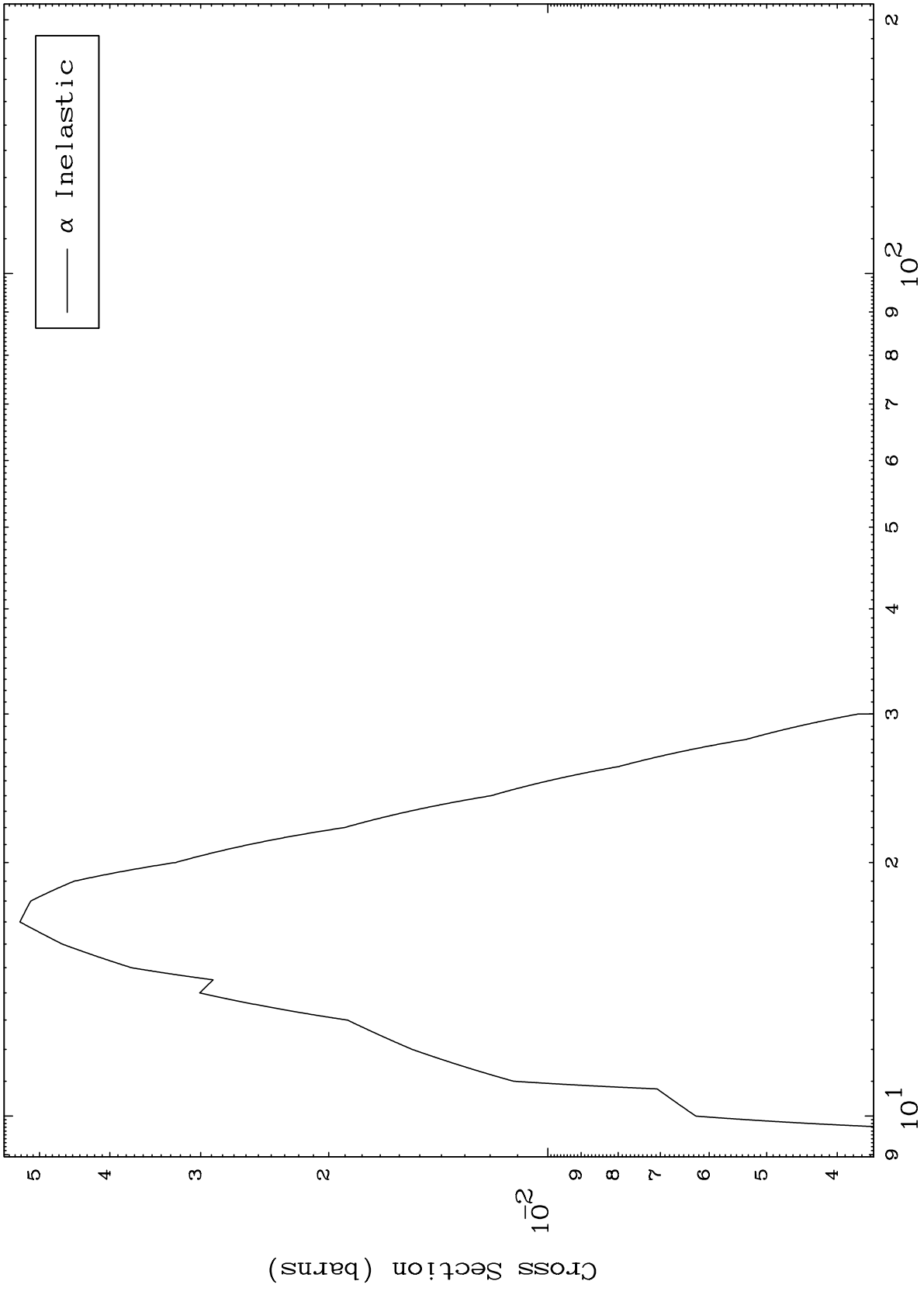




MAT 1425

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

14-Si-28

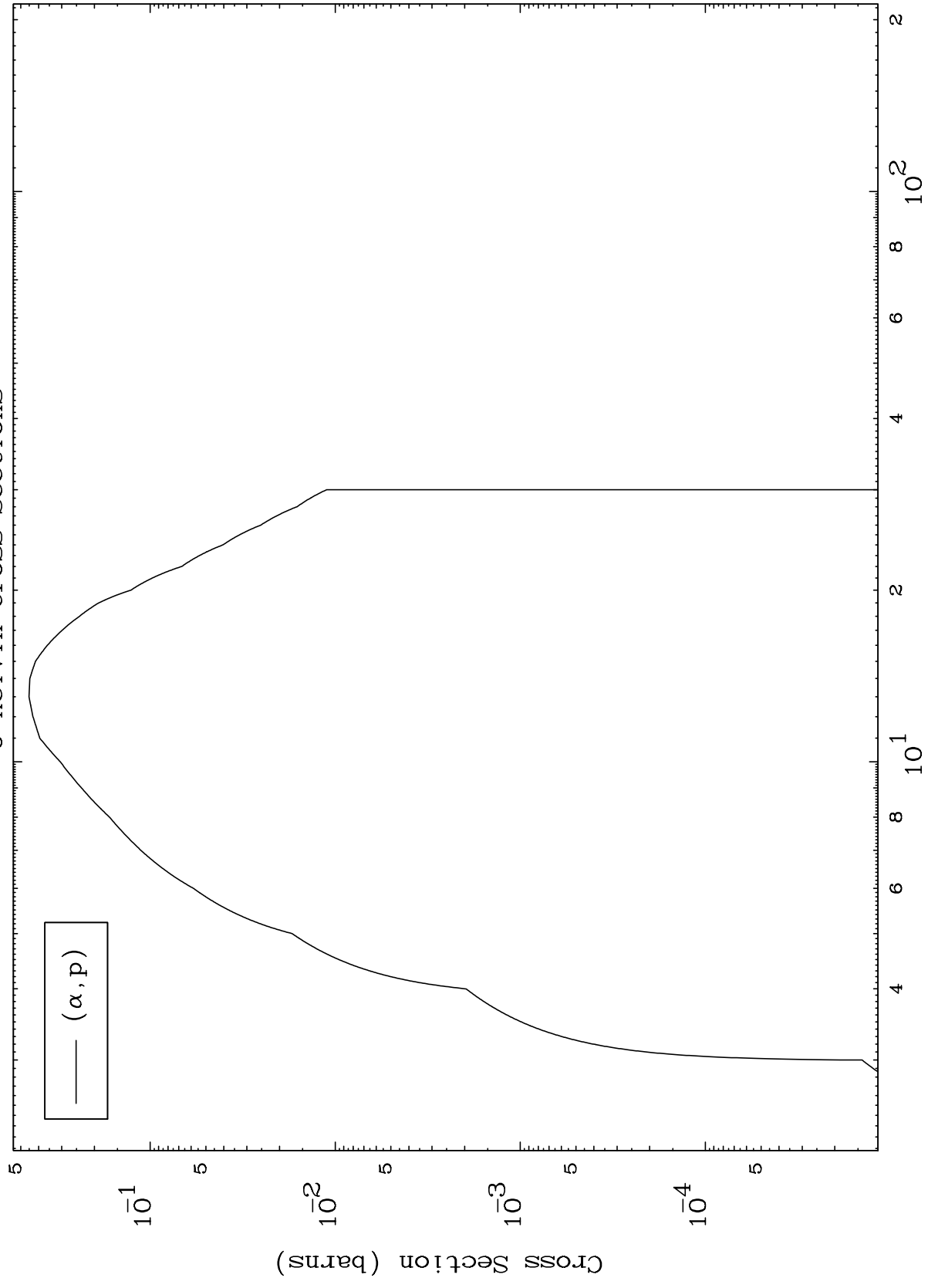


14-Si-28

MAT 1425

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

$^{14}\text{Si-28}$



6

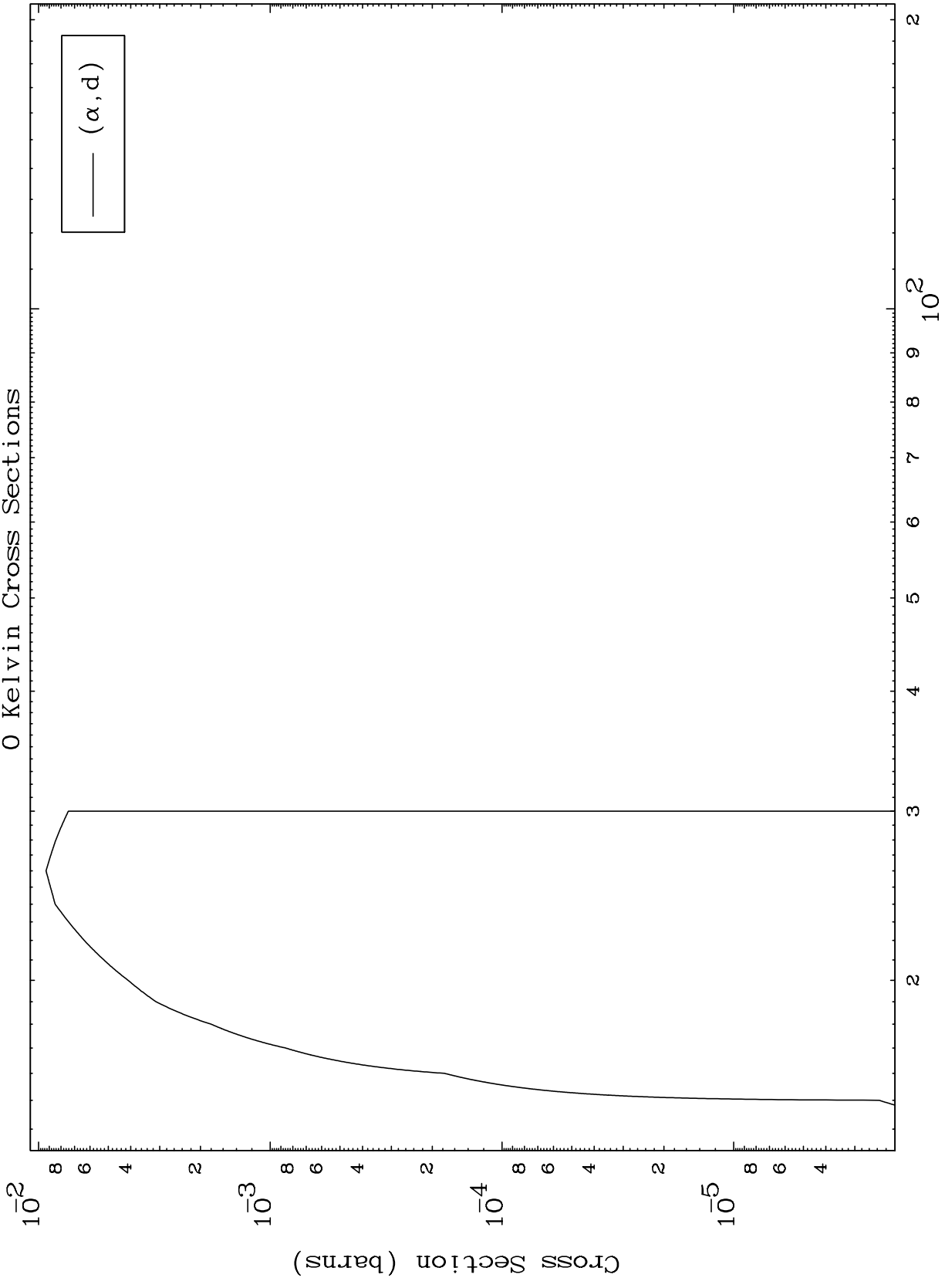
Incident Energy (MeV)

$^{14}\text{Si-28}$

MAT 1425

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

14-Si-28



7

Incident Energy (MeV)

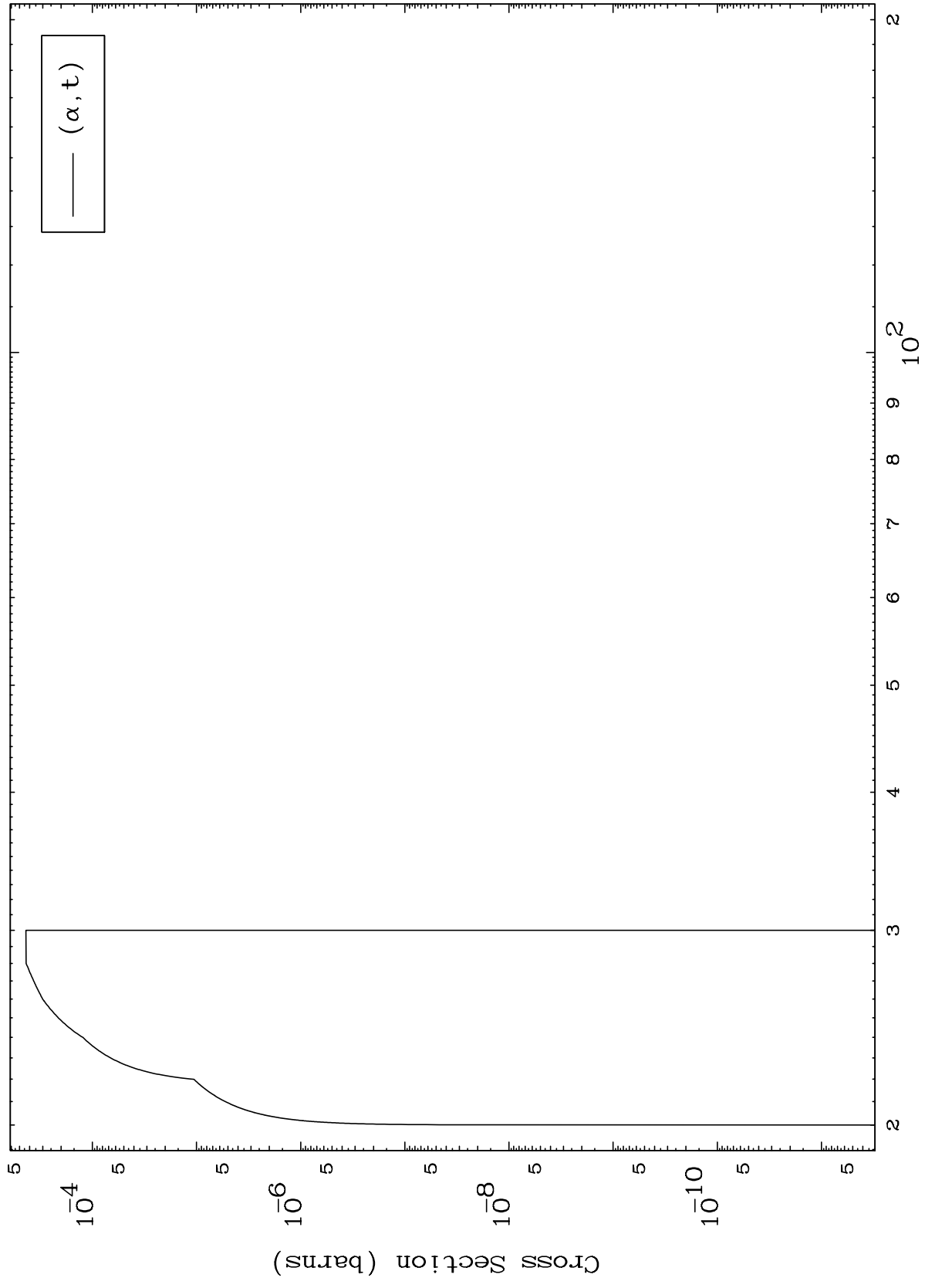
14-Si-28



MAT 1425

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

14-Si-28



8

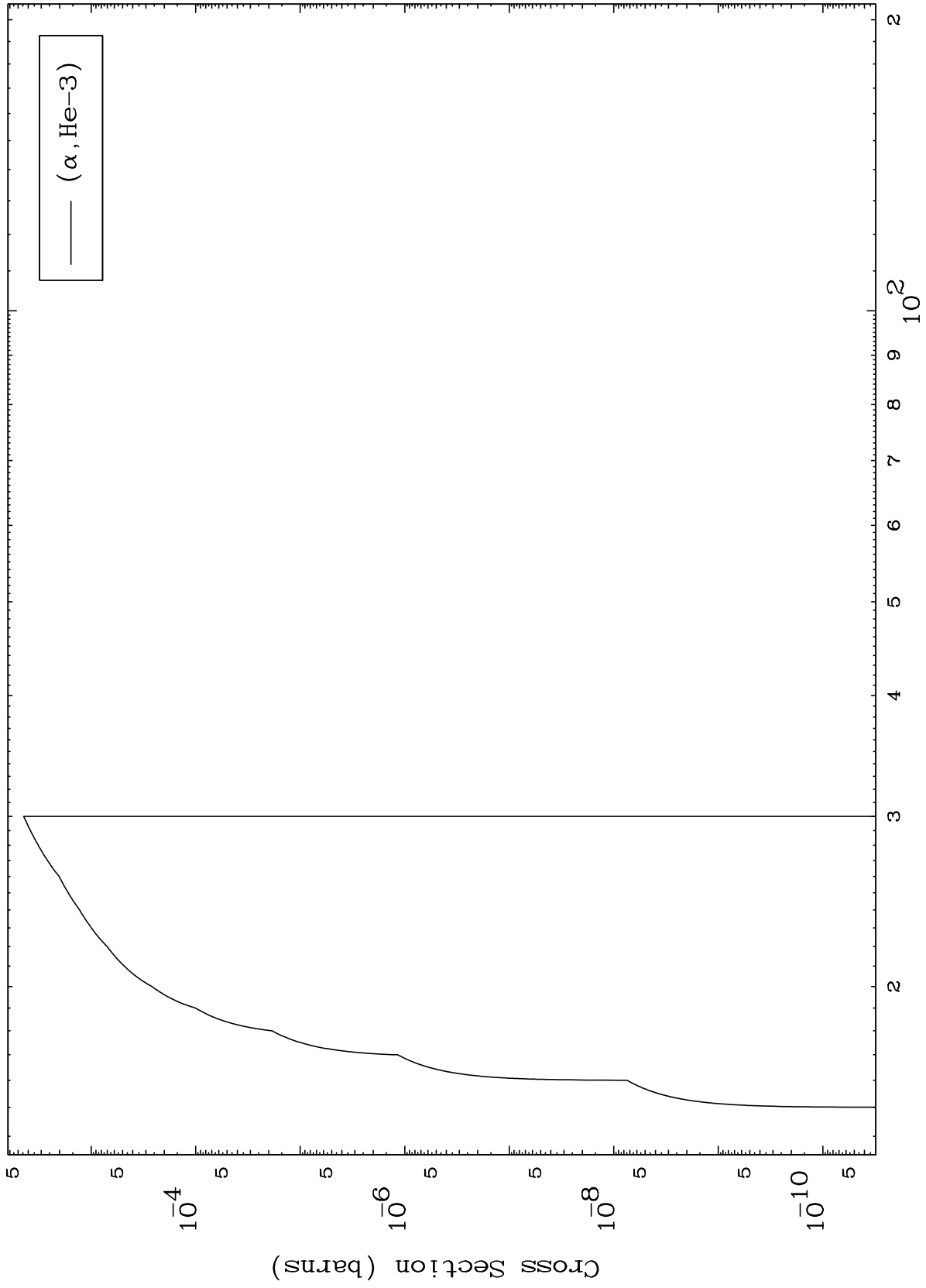
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



9

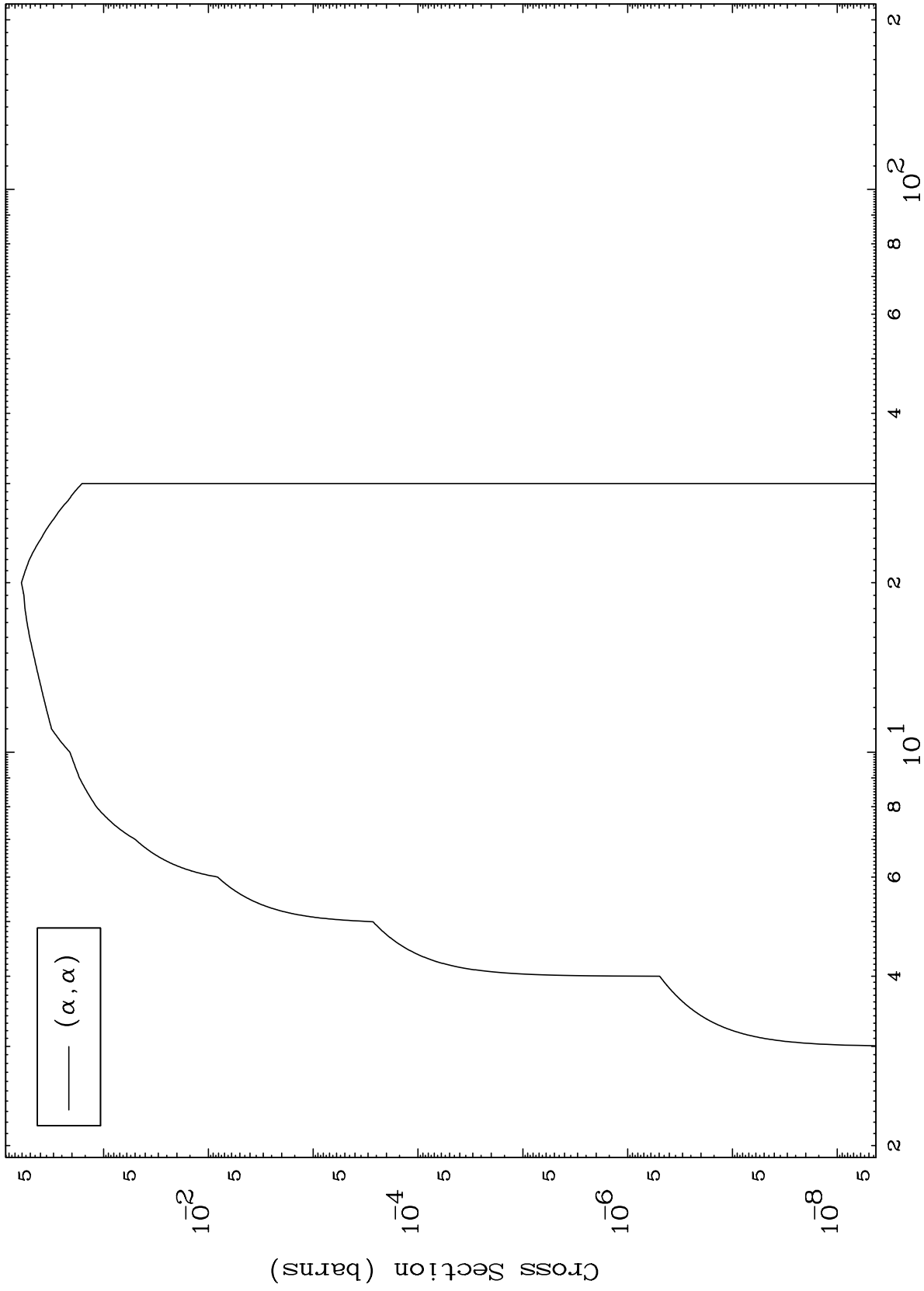
Incident Energy (MeV)

14-Si-28

MAT 1425

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

14-Si-28



10

Incident Energy (MeV)

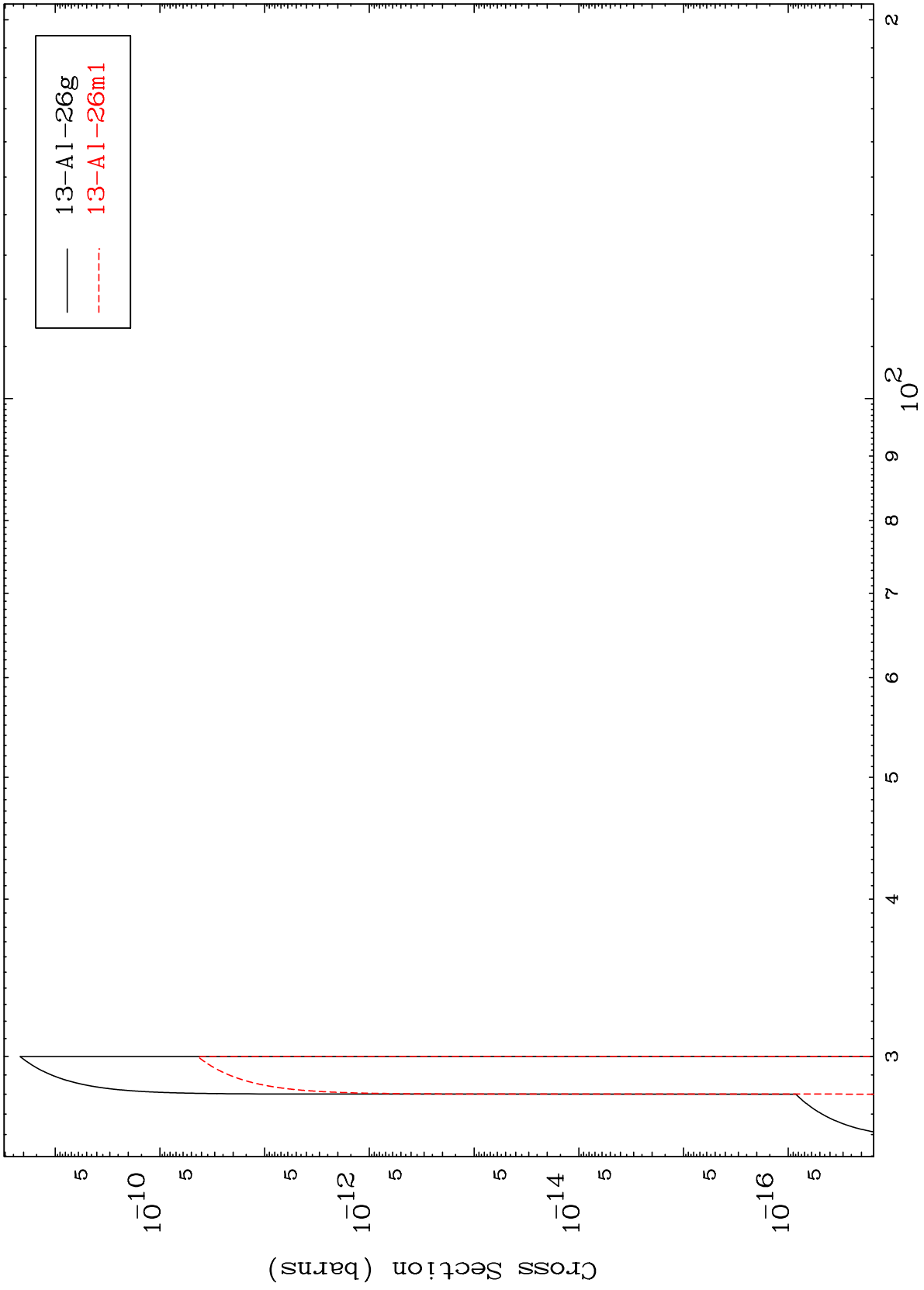
14-Si-28

MAT 1425

( $\alpha, d$ )  $\alpha$

$^{14}\text{Si}-28$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

$^{14}\text{Si}-28$