

Program EVALPLOT  
(Version 2021-1)

by

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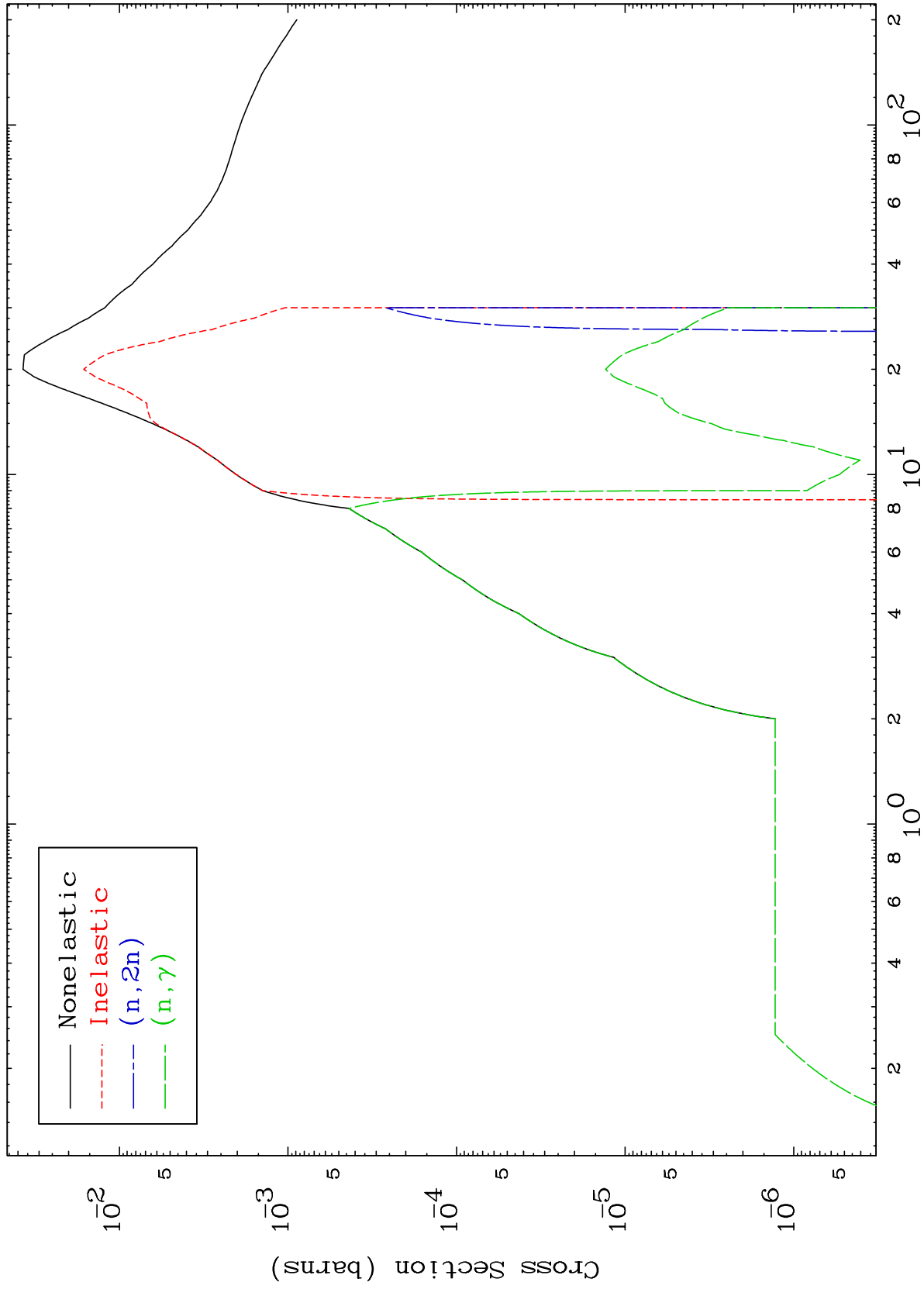
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1428

0 Kelvin Major  
Photon Cross Sections

<sup>14</sup>Si-29



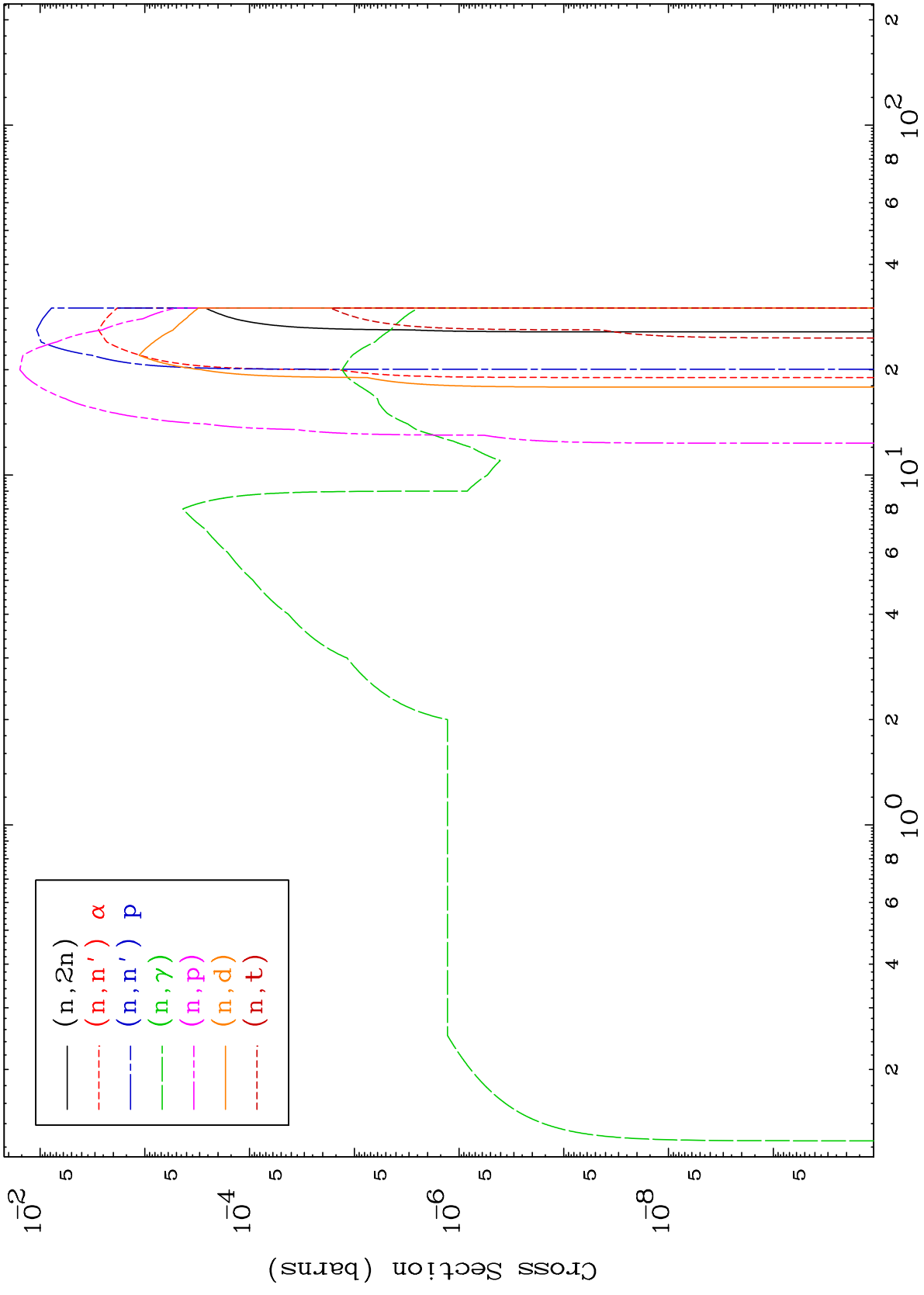
1

<sup>14</sup>Si-29

MAT 1428

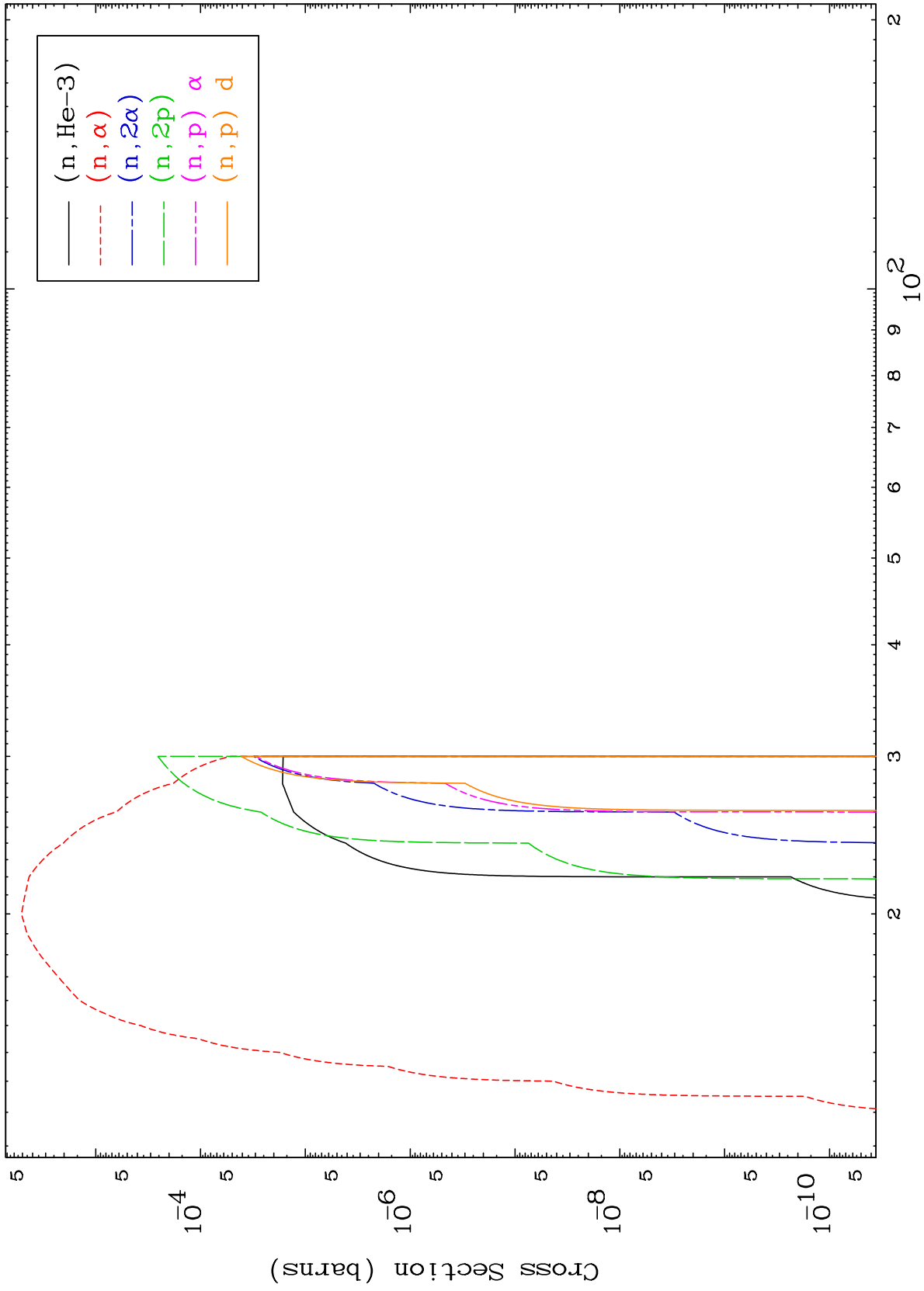
Photon Neutron Absorption  
0 Kelvin Cross Sections

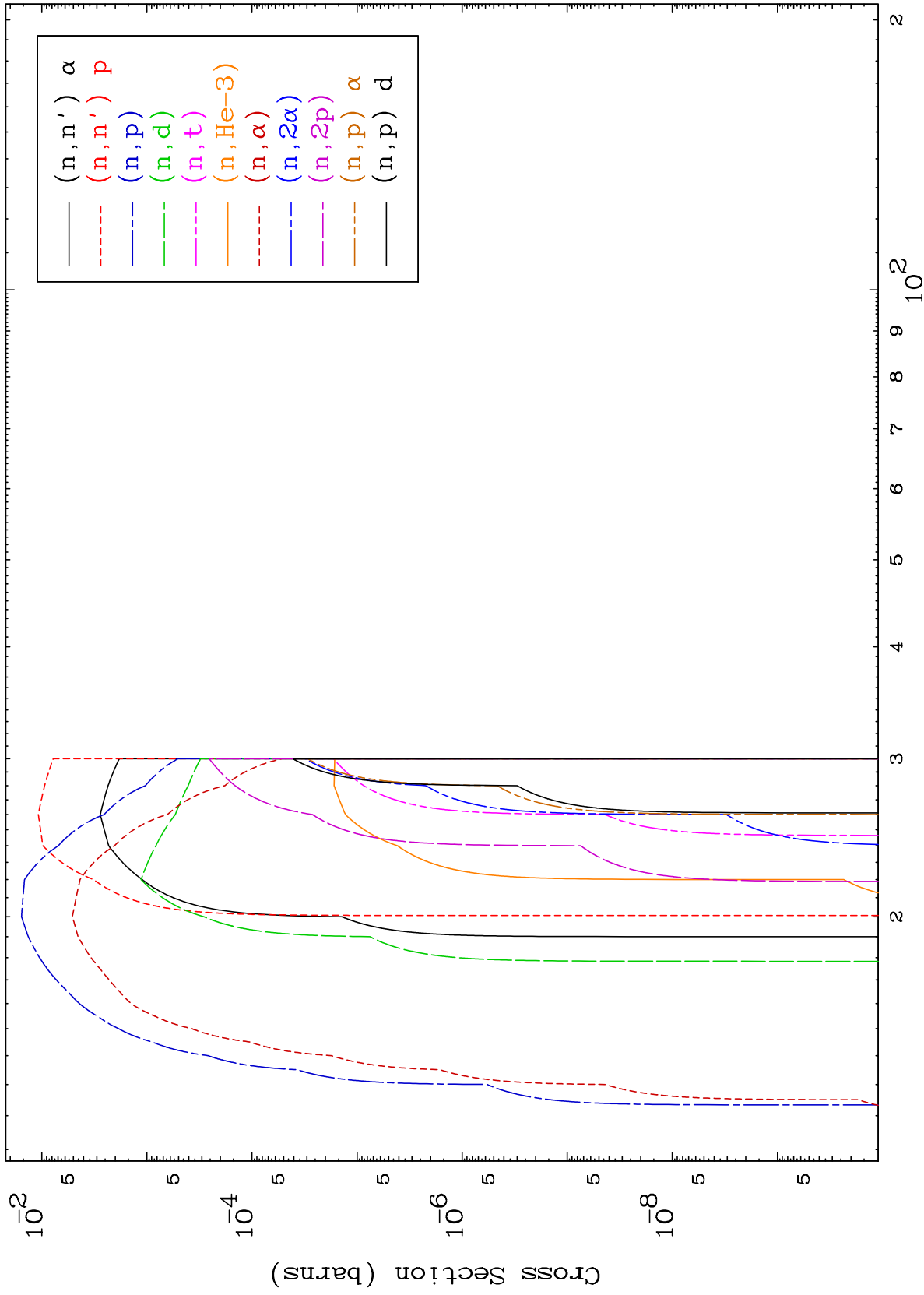
14-Si-29



2

14-Si-29

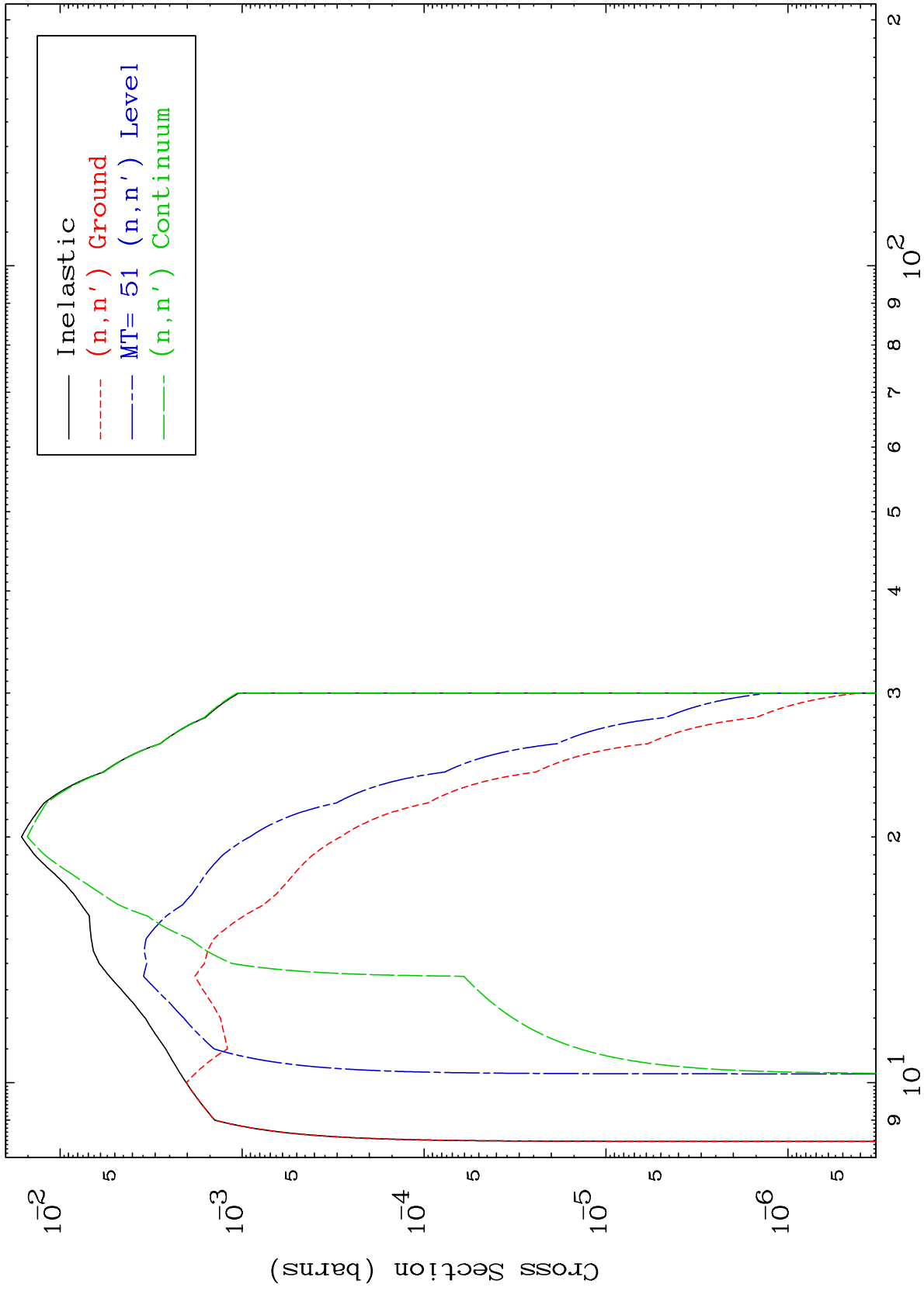




MAT 1428

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections

$^{14}\text{Si}-29$



5

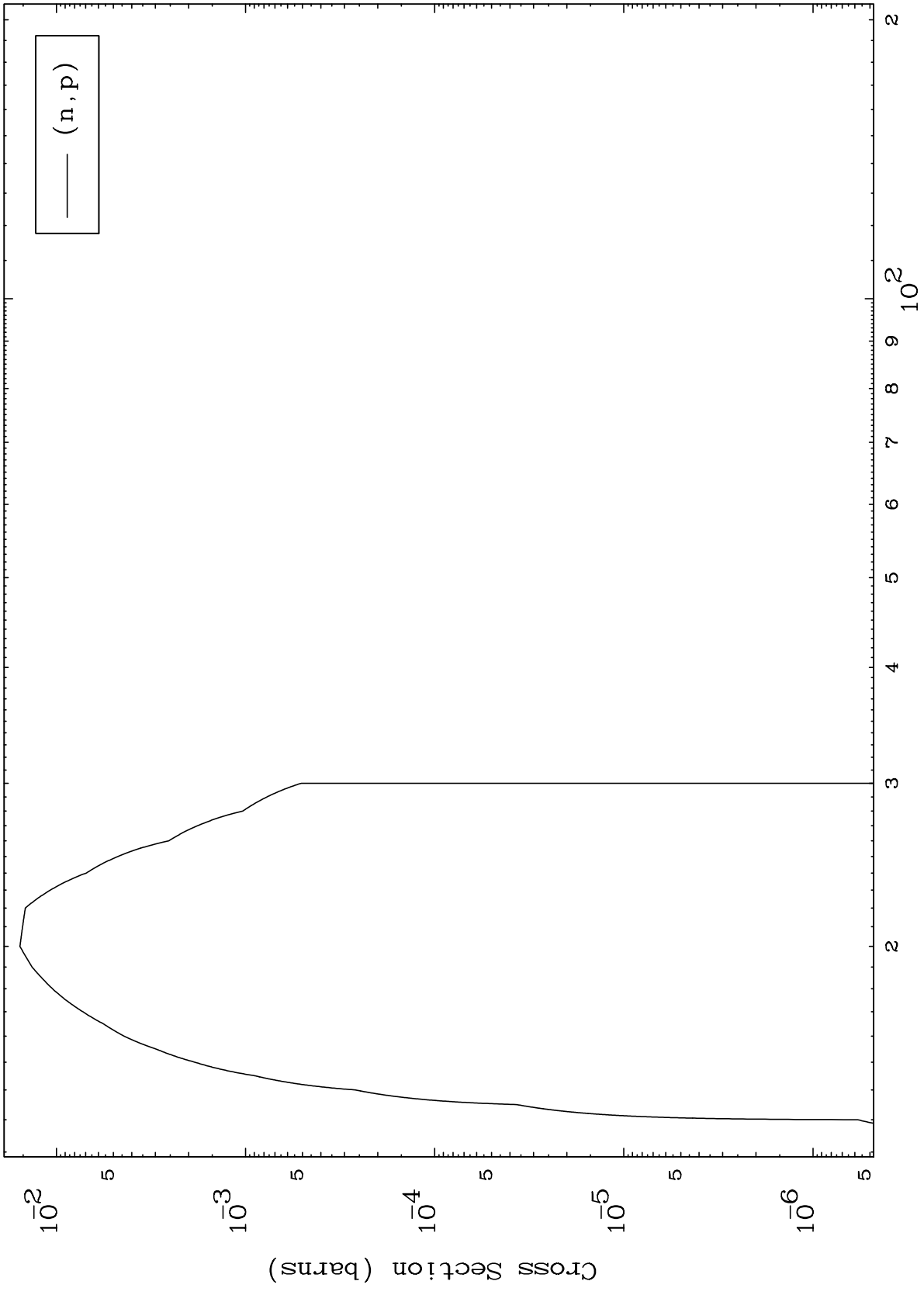
Incident Energy (MeV)

$^{14}\text{Si}-29$

MAT 1428

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

$^{14}\text{Si-29}$



6

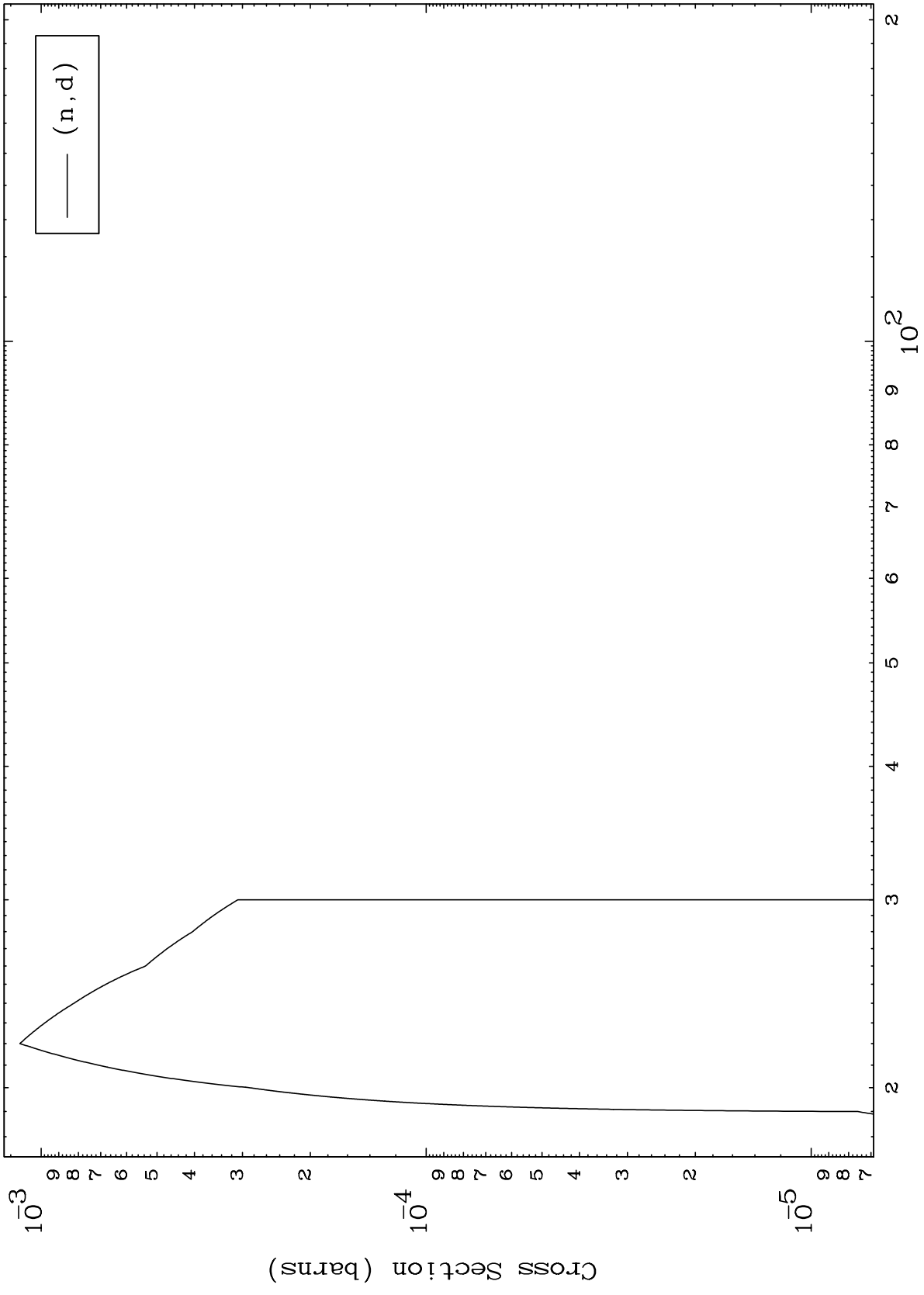
Incident Energy (MeV)

$^{14}\text{Si-29}$

MAT 1428

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

$^{14}\text{Si}-29$



7

Incident Energy (MeV)

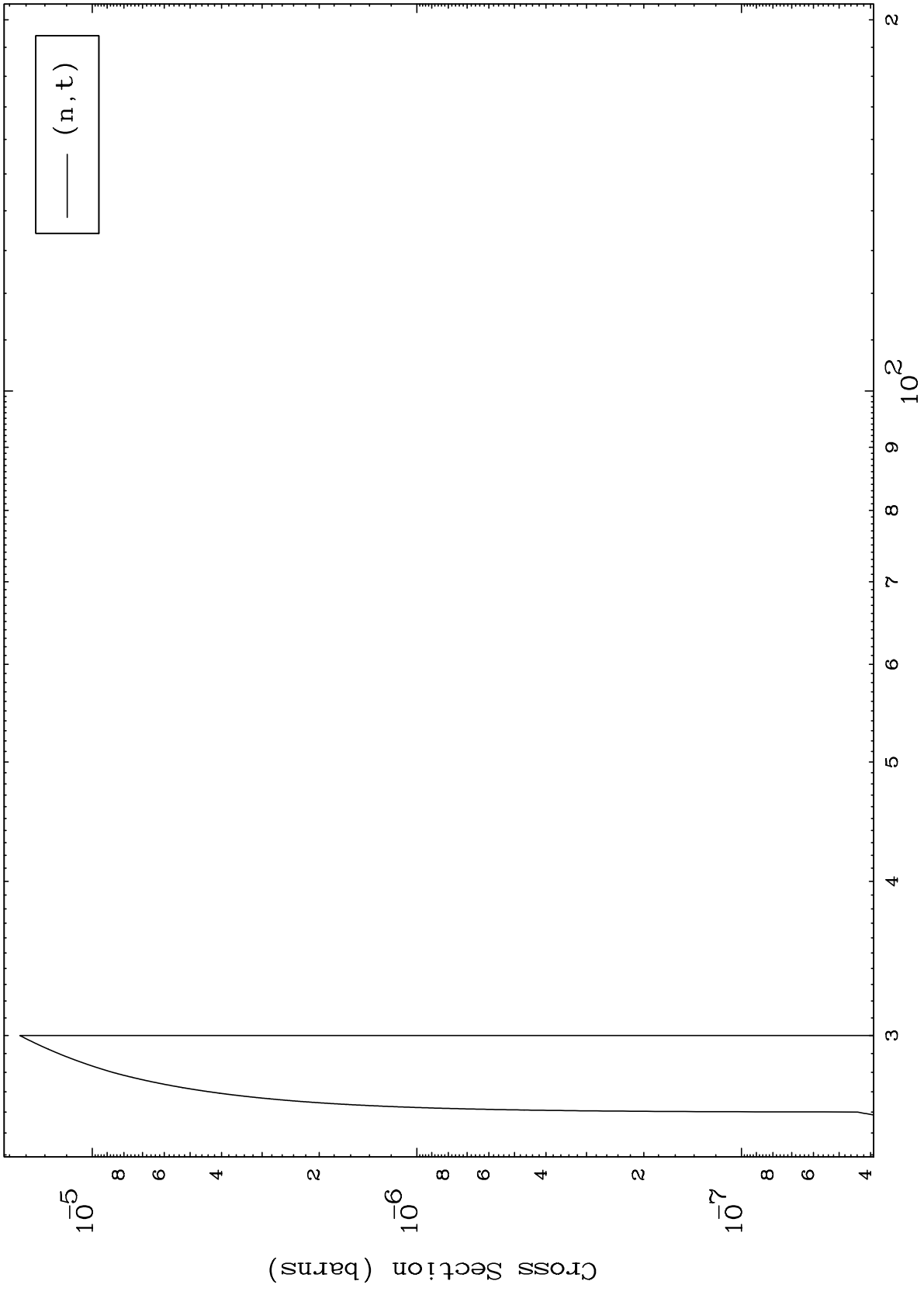
$^{14}\text{Si}-29$



MAT 1428

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

14-Si-29



8

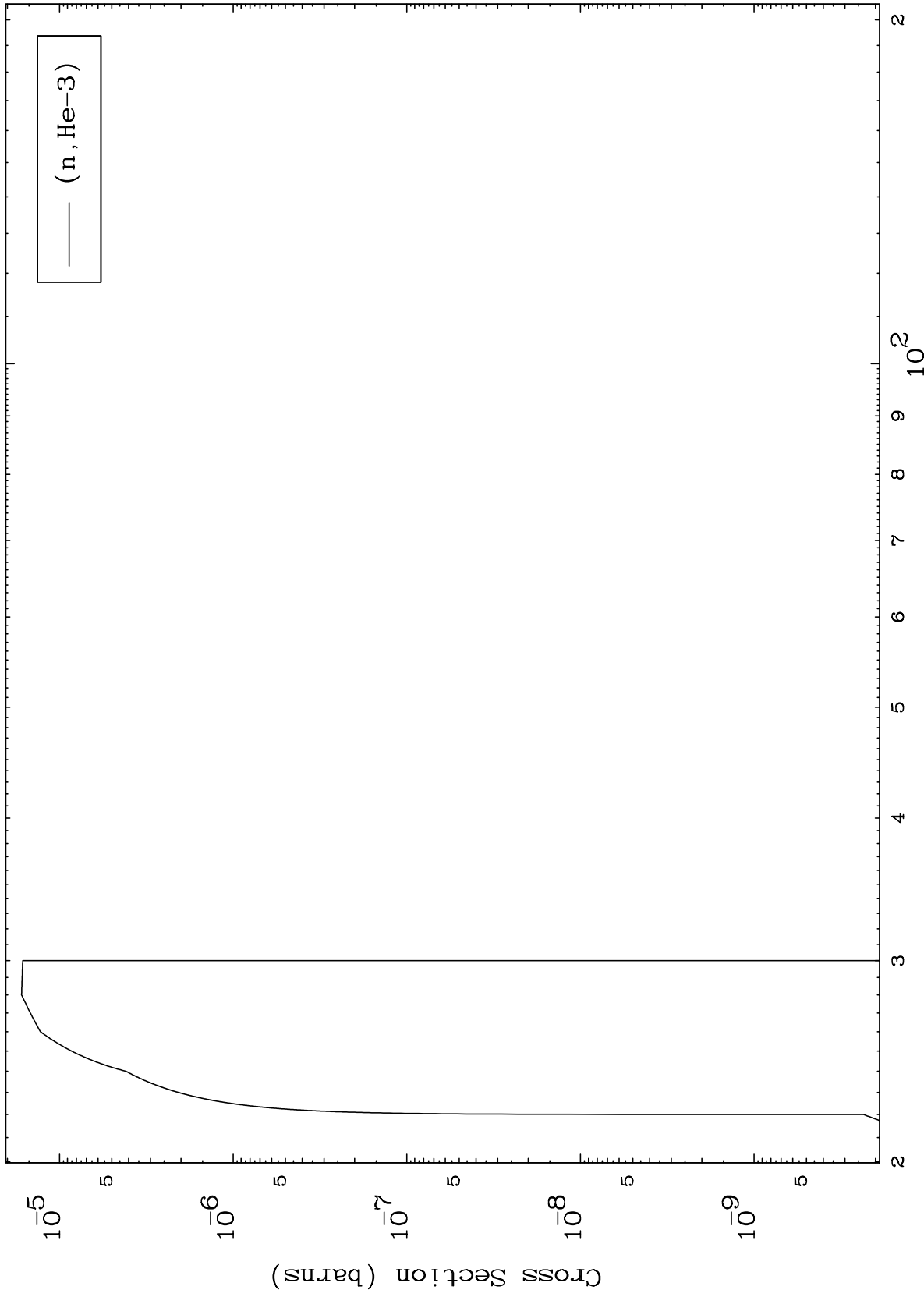
Incident Energy (MeV)

14-Si-29

MAT 1428

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

$^{14}\text{Si}-29$



9

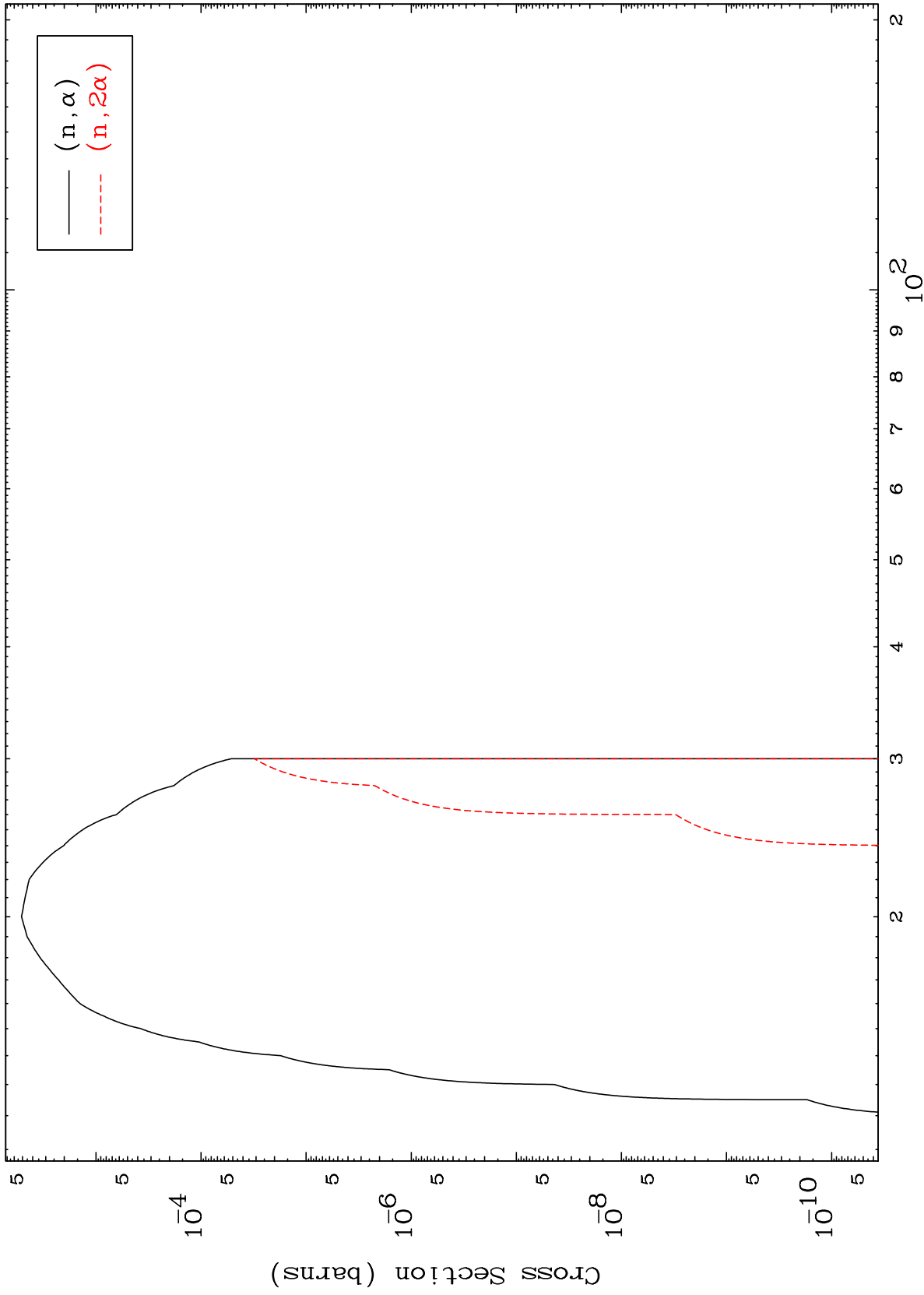
Incident Energy (MeV)

$^{14}\text{Si}-29$

MAT 1428

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

$^{14}\text{Si}-29$



10

Incident Energy (MeV)

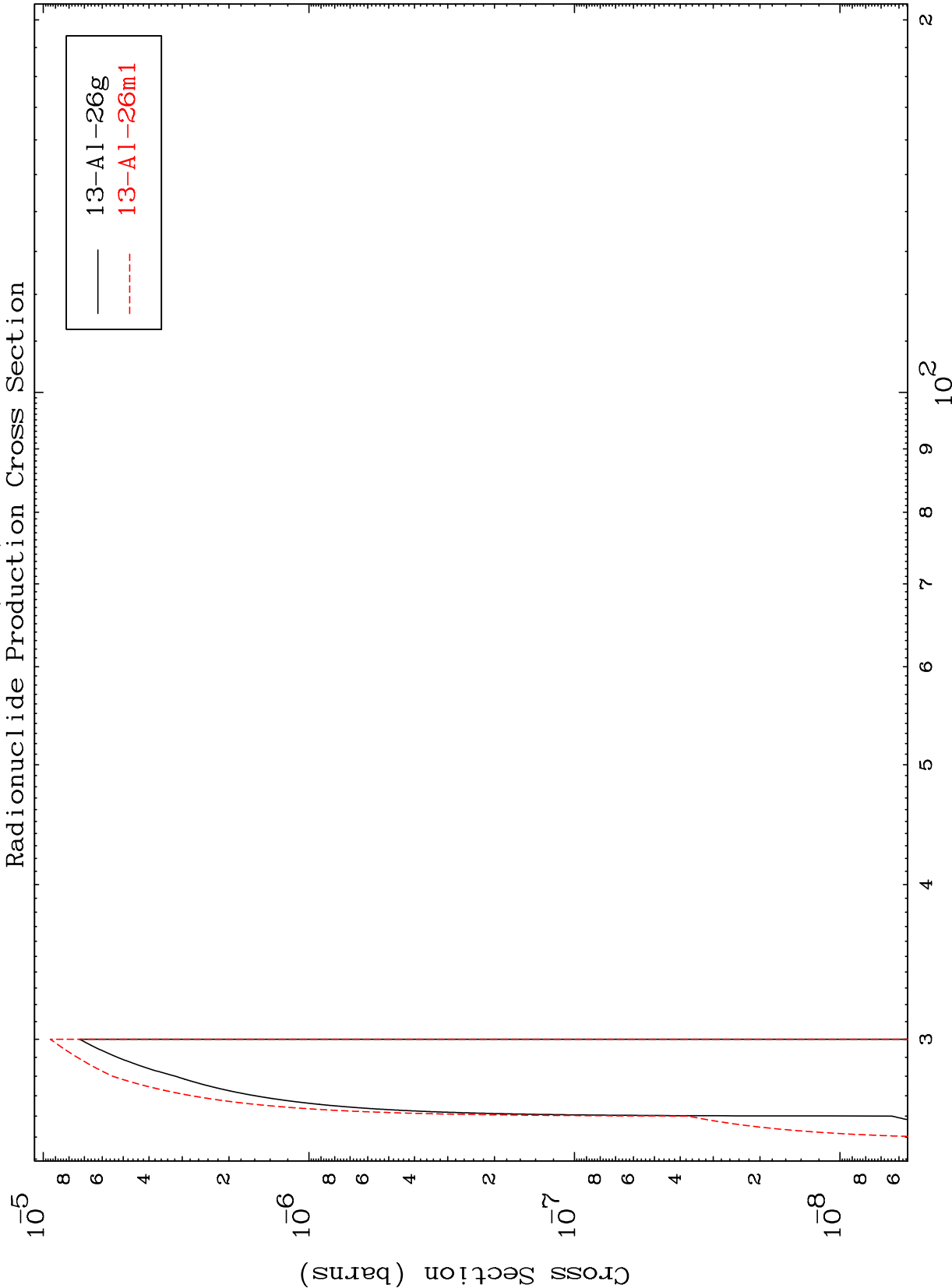
$^{14}\text{Si}-29$

MAT 1428

(n, t)

Radionuclide Production Cross Section

14-Si-29



14-Si-29

Incident Energy (MeV)

11