

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

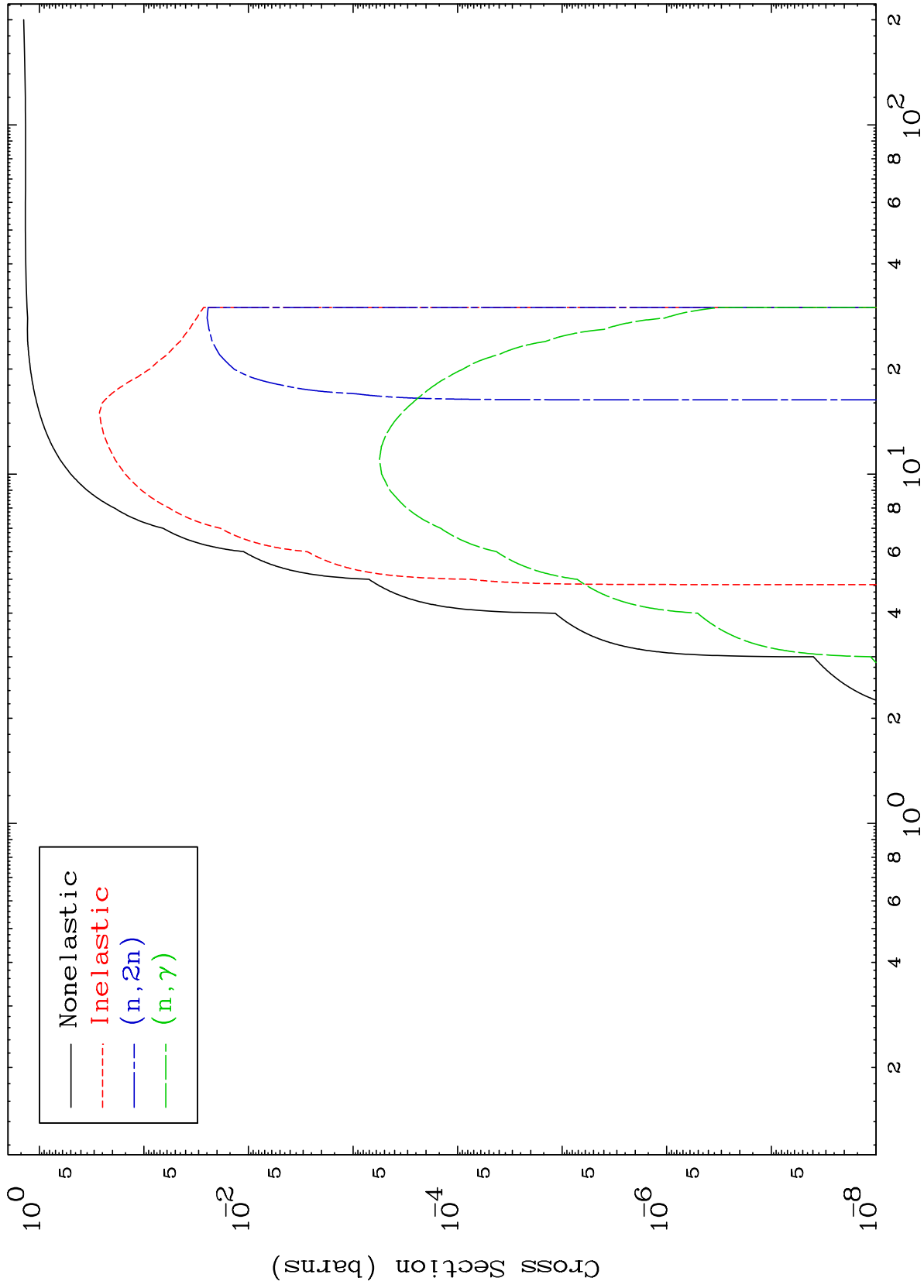
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2225

0 Kelvin  
 $\alpha$  Major  
Cross Sections

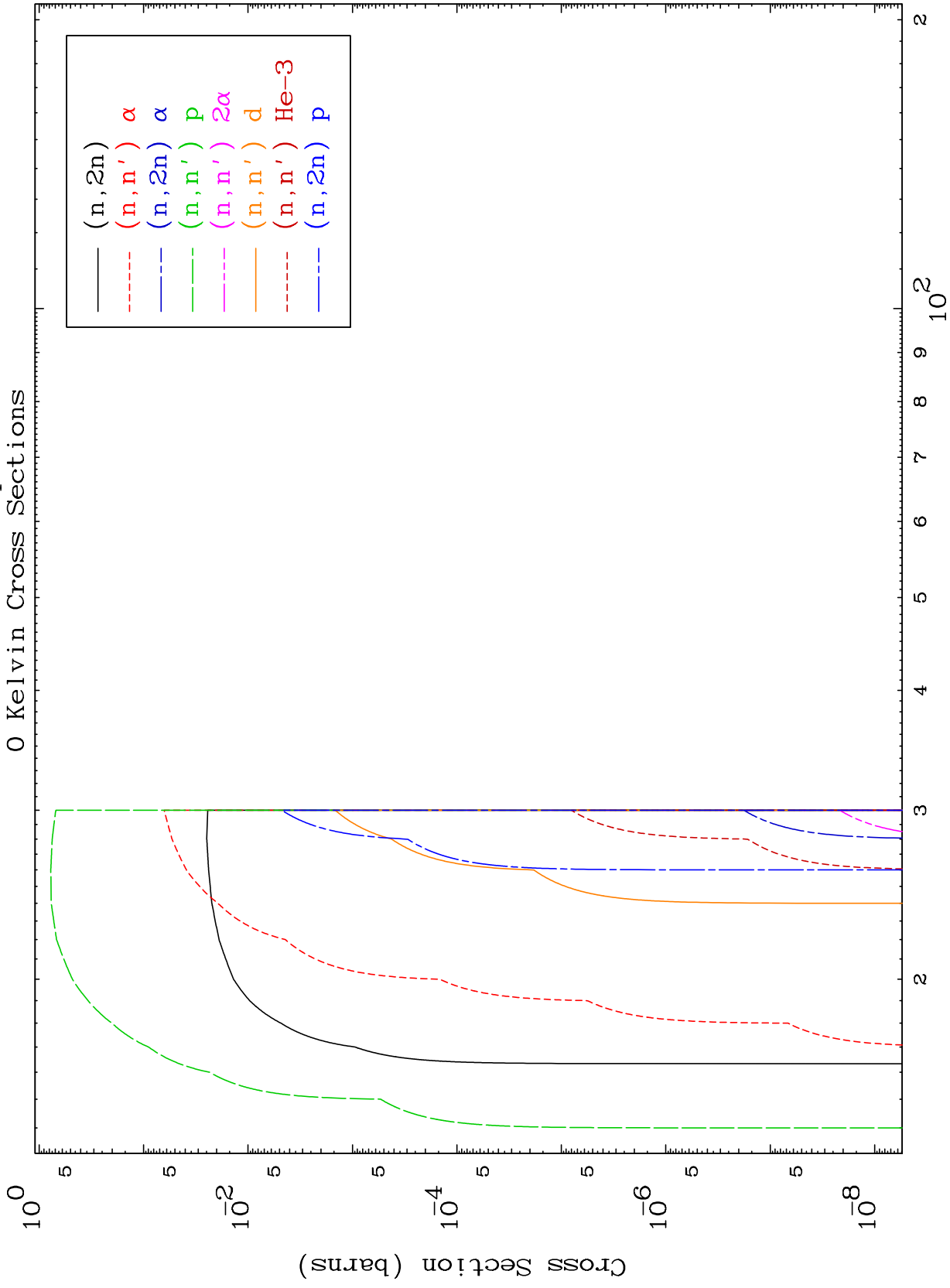
$^{22}\text{Ti-46}$



MAT 2225

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>22</sup>Ti-46



2

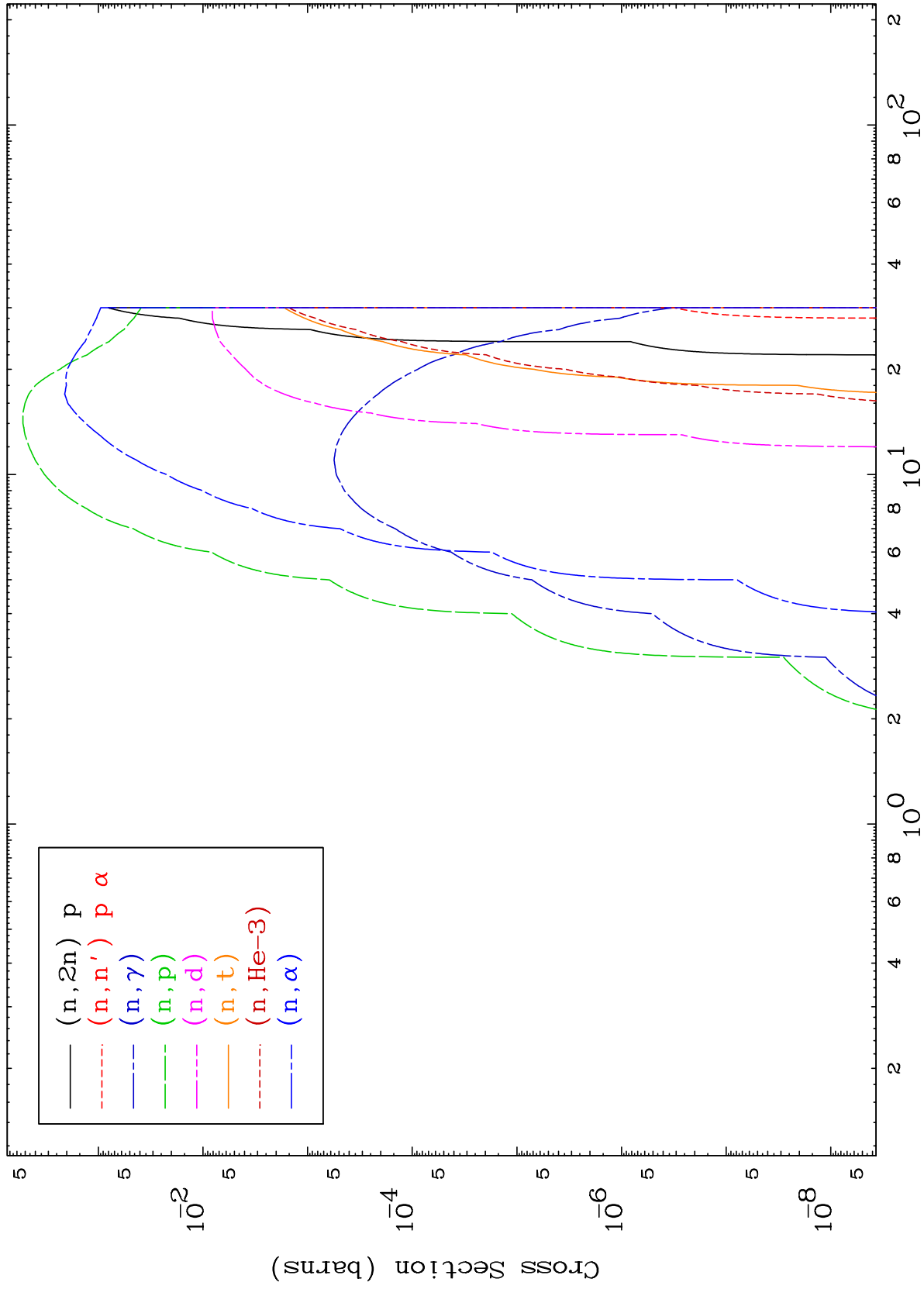
Incident Energy (MeV)

<sup>22</sup>Ti-46

MAT 2225

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>22</sup>Ti-46



3

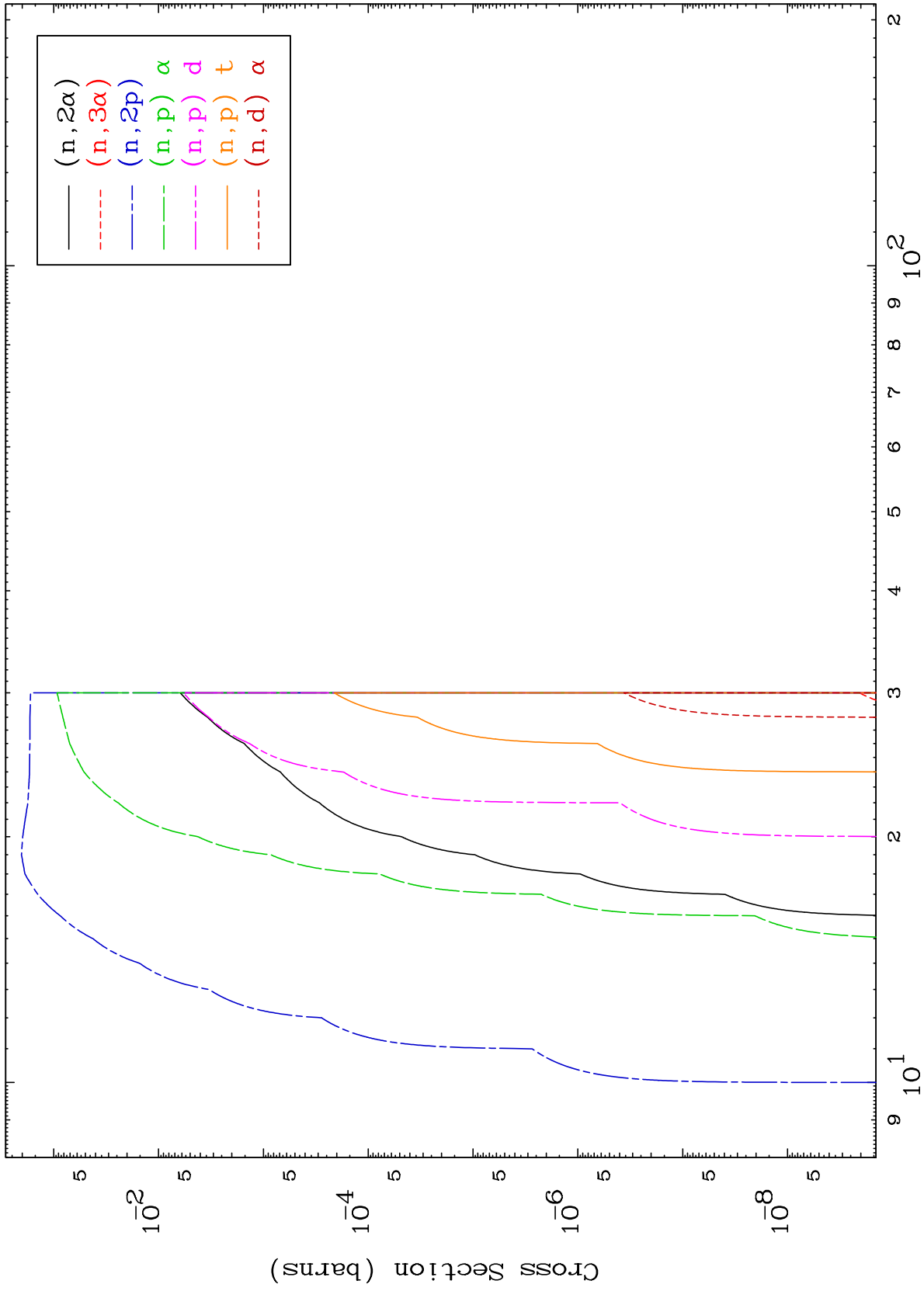
Incident Energy (MeV)

<sup>22</sup>Ti-46

MAT 2225

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

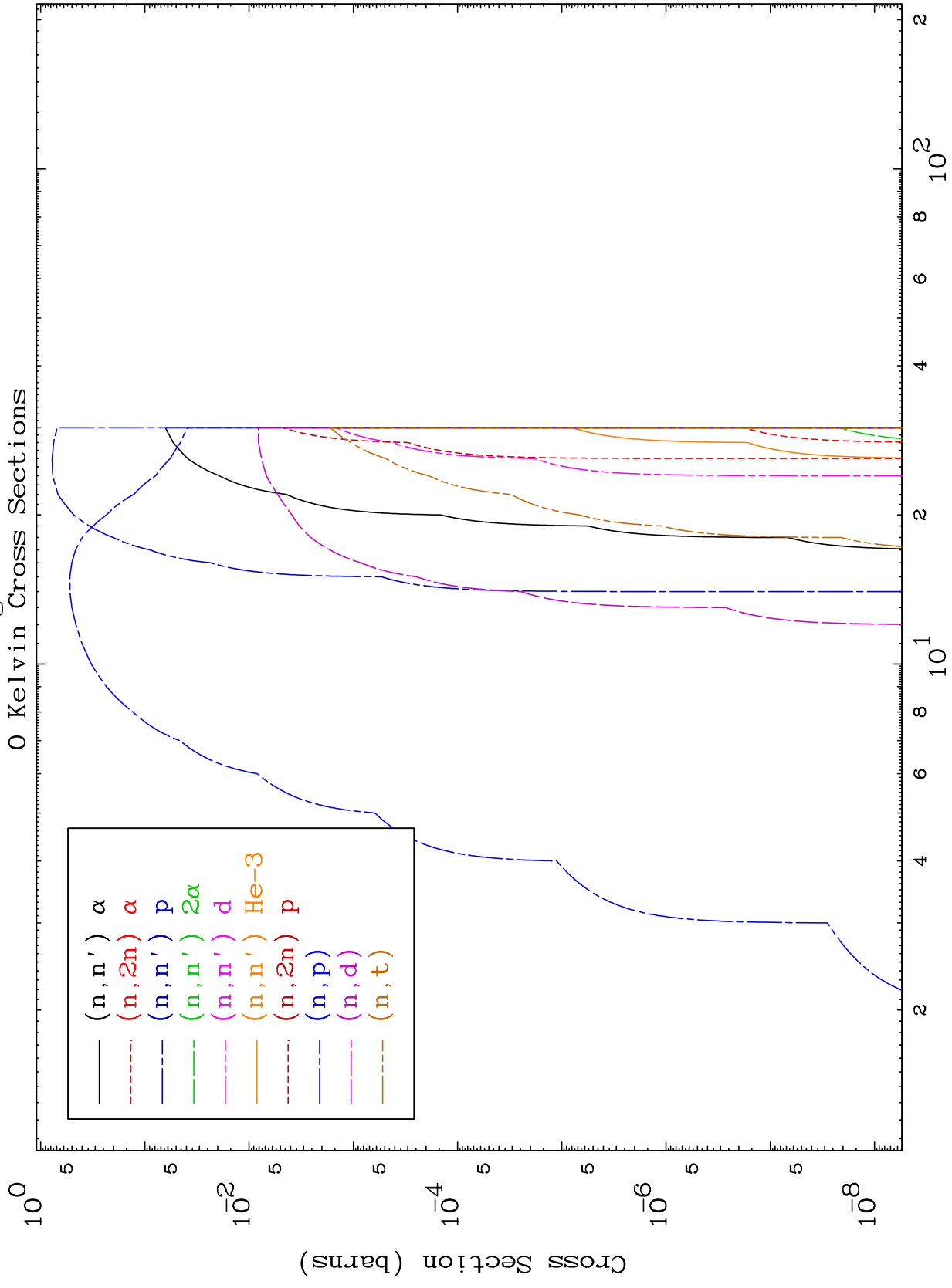
22-Ti-46



4

Incident Energy (MeV)

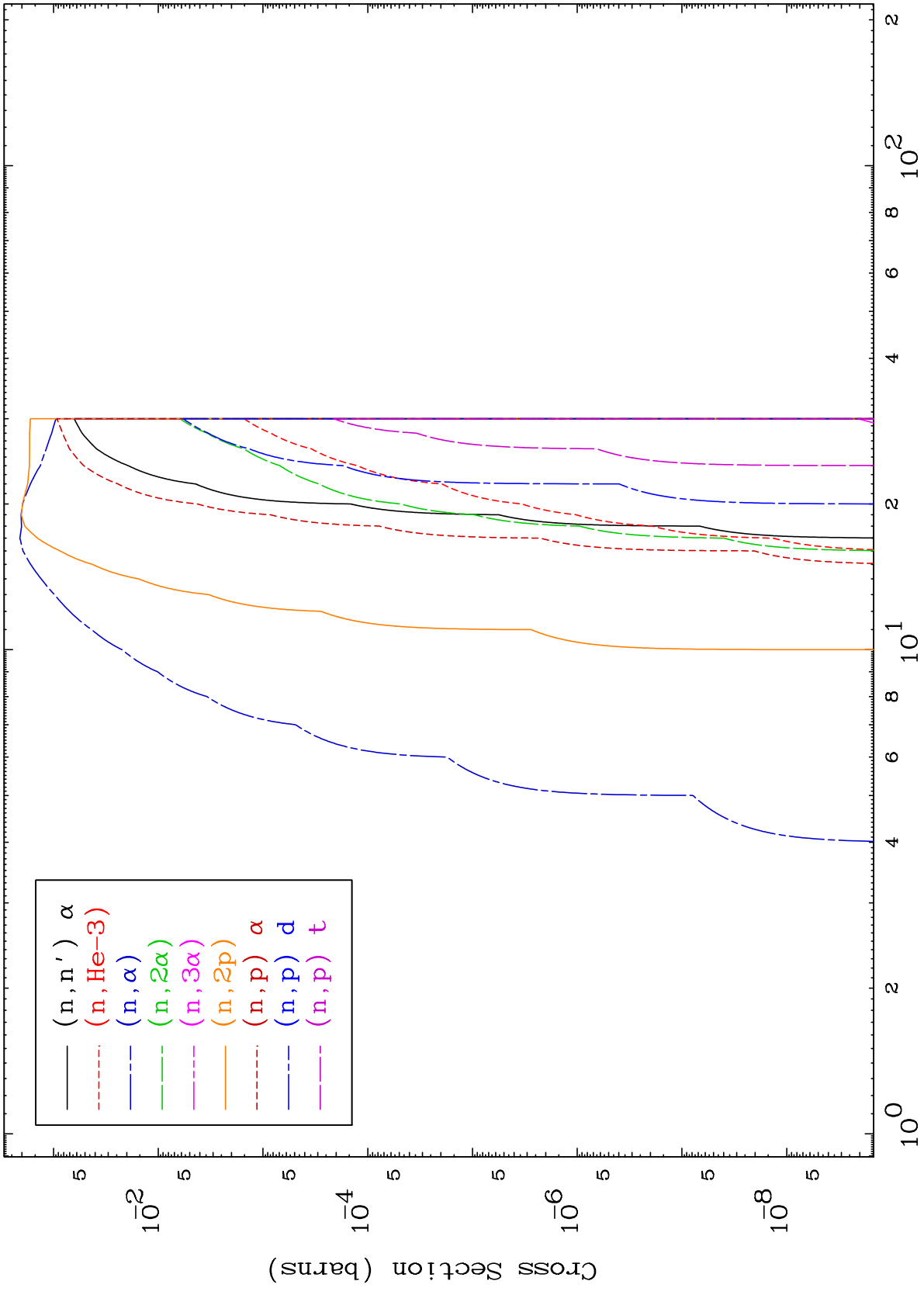
22-Ti-46



MAT 2225

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

<sup>22</sup>Ti-46



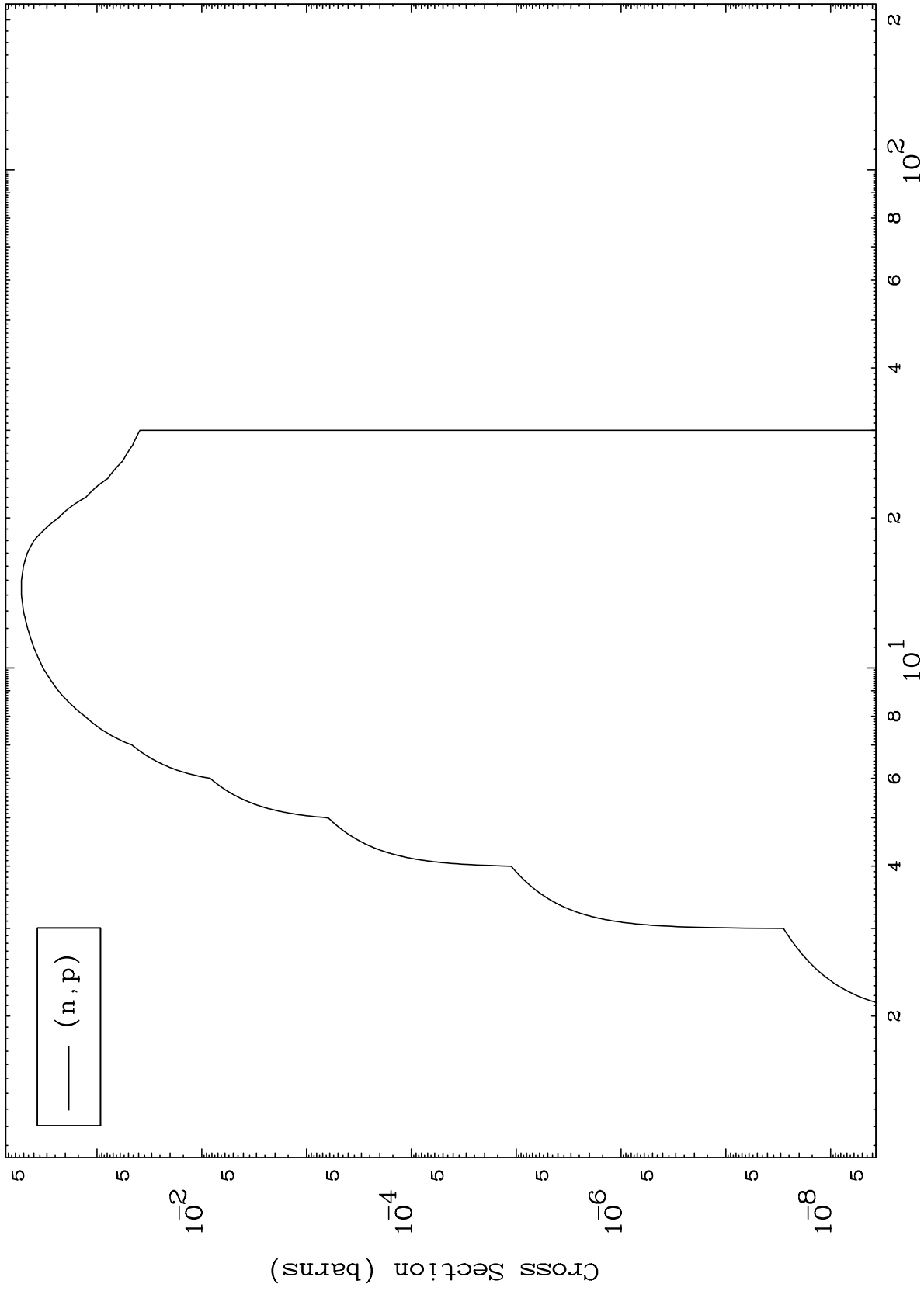
Incident Energy (MeV)

<sup>22</sup>Ti-46

MAT 2225

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

$^{22}\text{Ti}-46$

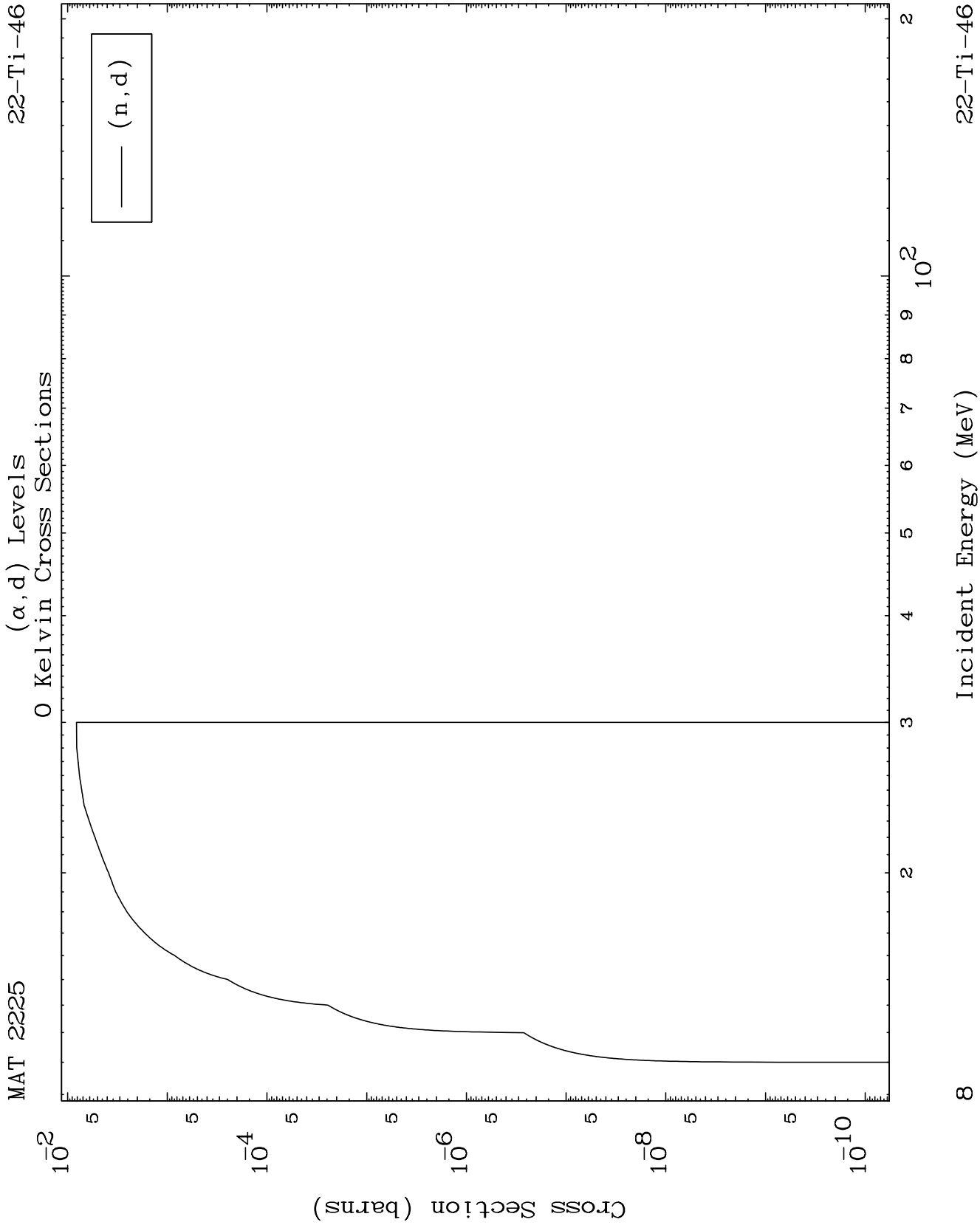


7

Incident Energy (MeV)

$^{22}\text{Ti}-46$

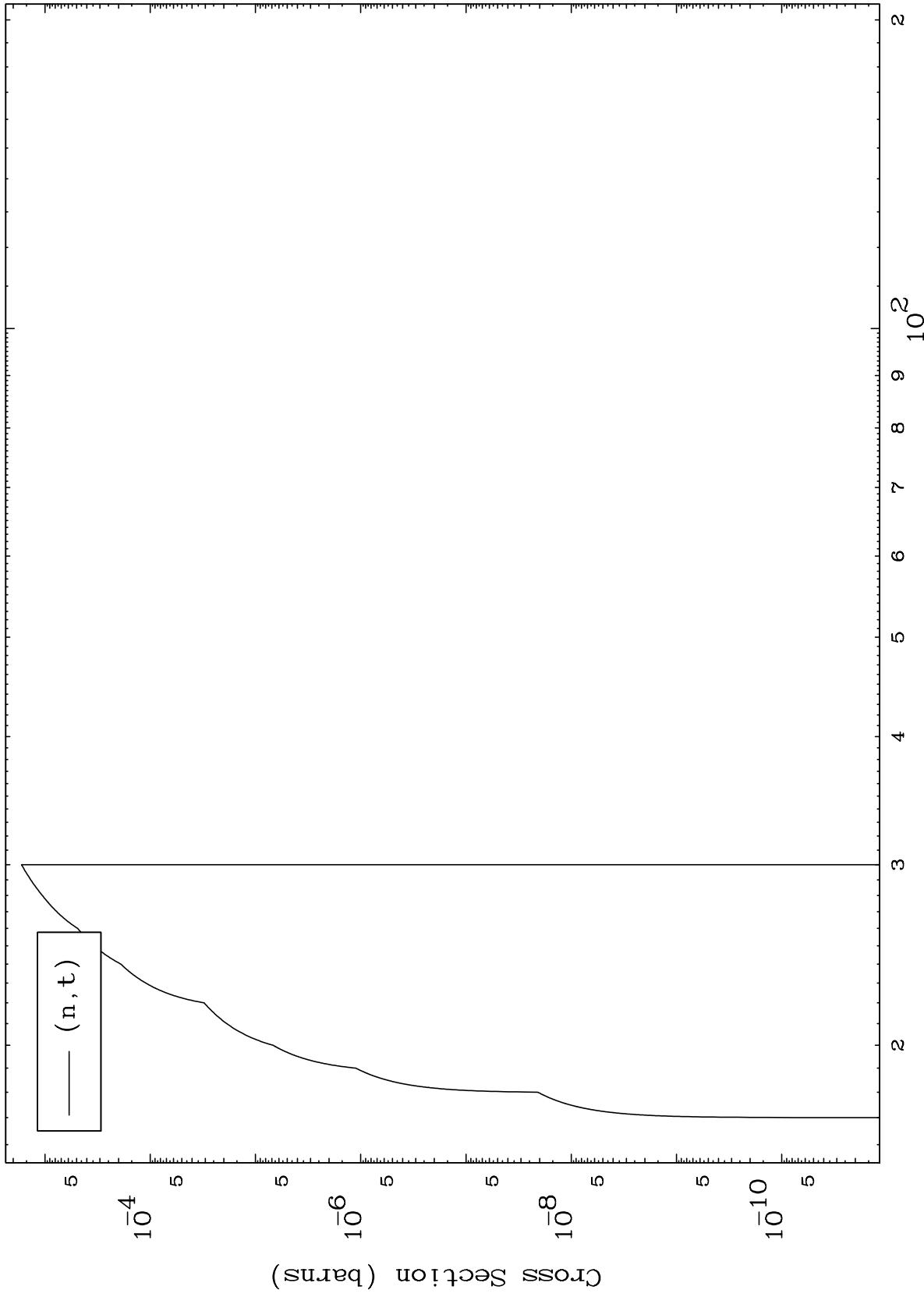




MAT 2225

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

<sup>22</sup>Ti-46



9

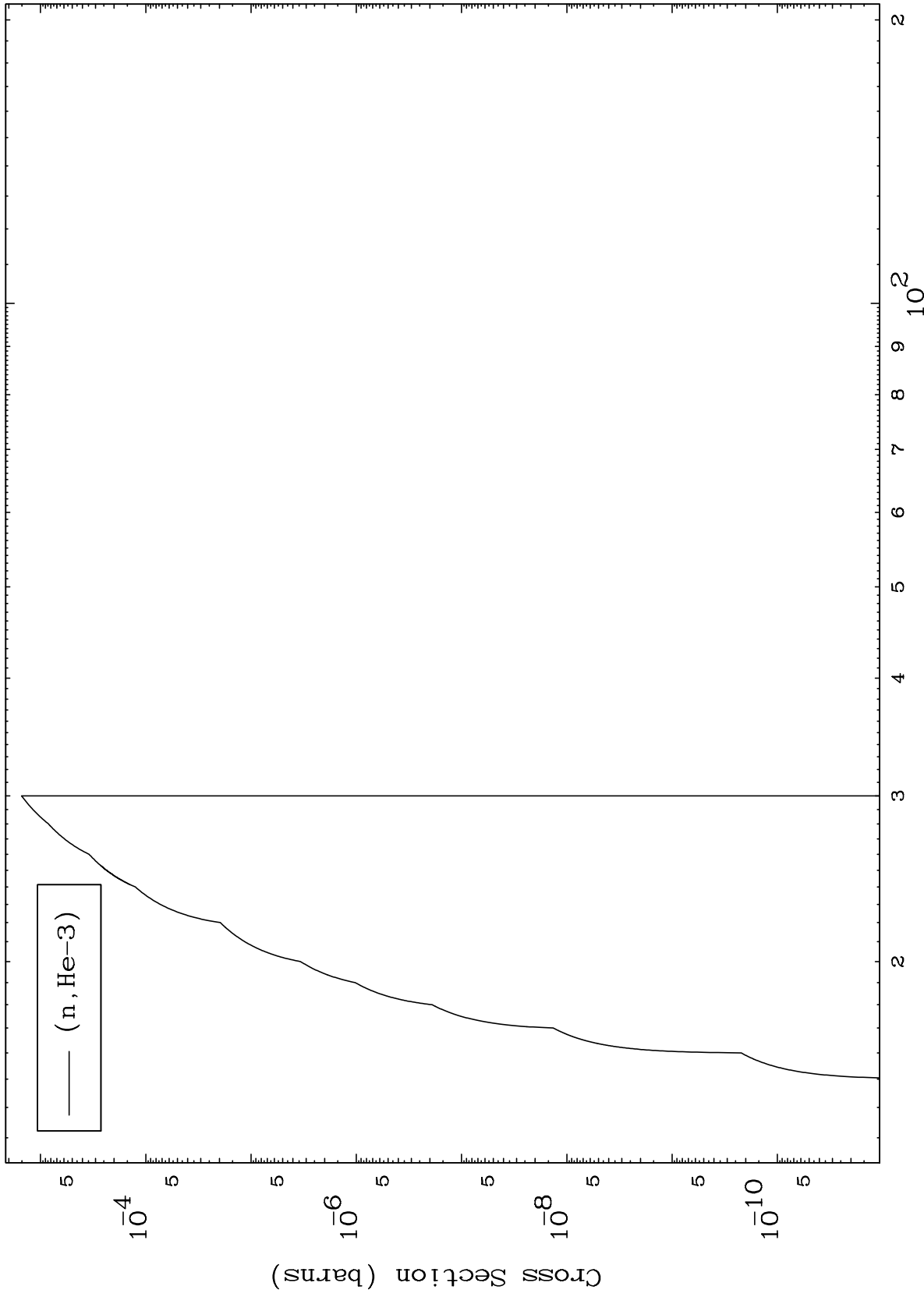
Incident Energy (MeV)

<sup>22</sup>Ti-46

MAT 2225

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

$^{22}\text{Ti}-46$



10

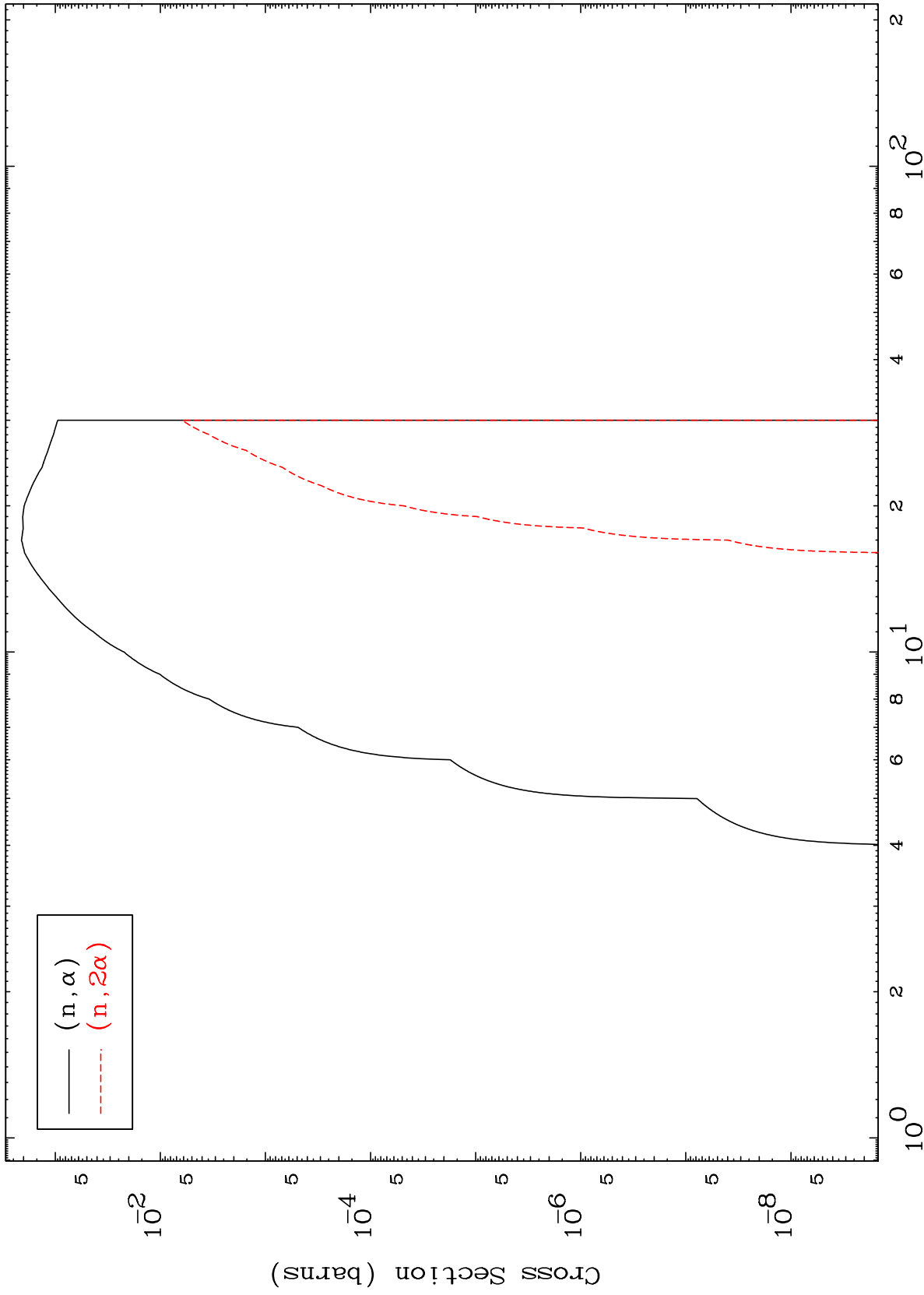
Incident Energy (MeV)

$^{22}\text{Ti}-46$

MAT 2225

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

$^{22}\text{Ti}-46$



11

Incident Energy (MeV)

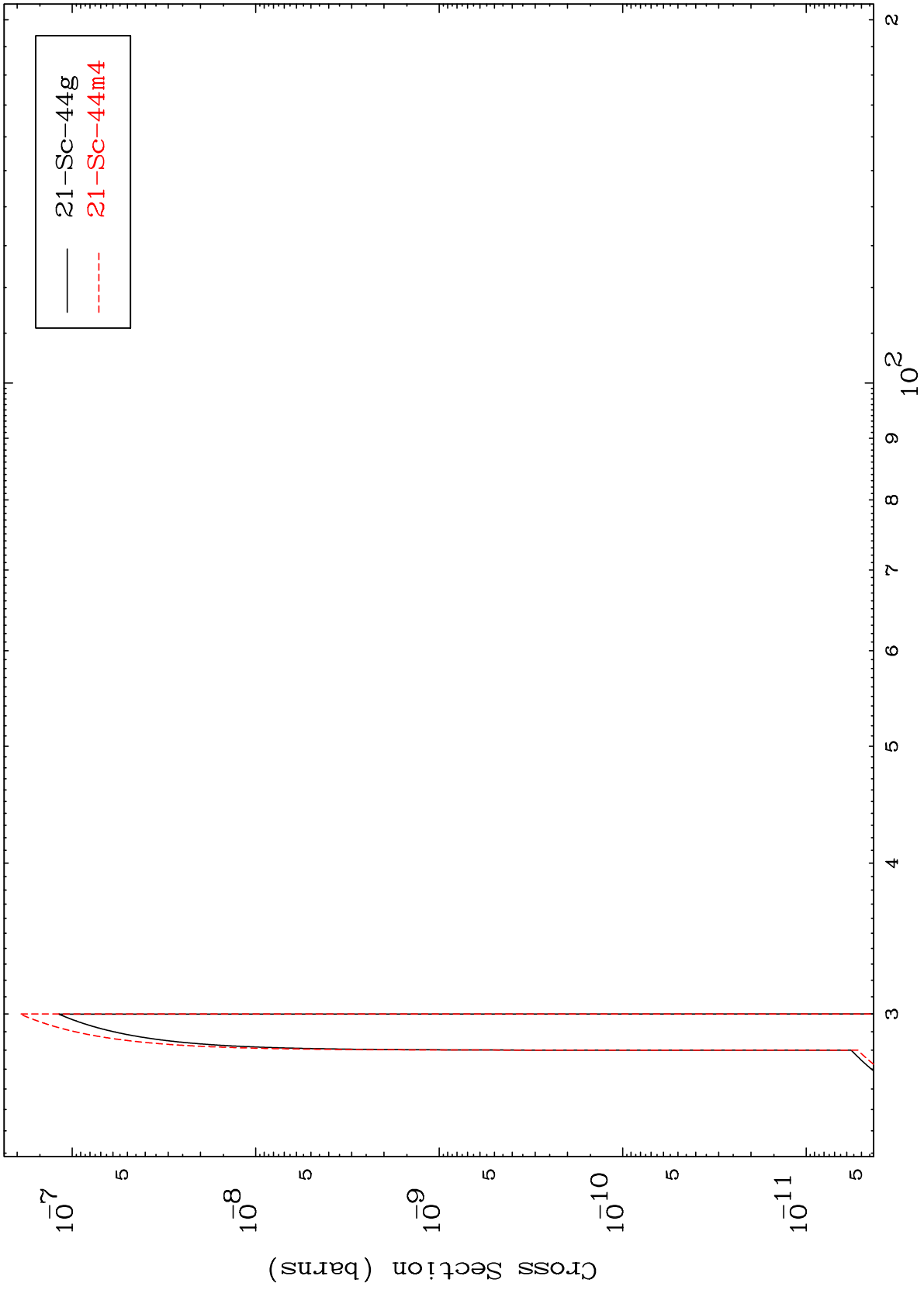
$^{22}\text{Ti}-46$

MAT 2225

(n,n') p  $\alpha$

<sup>22</sup>Ti-46

Radionuclide Production Cross Section



12

Incident Energy (MeV)

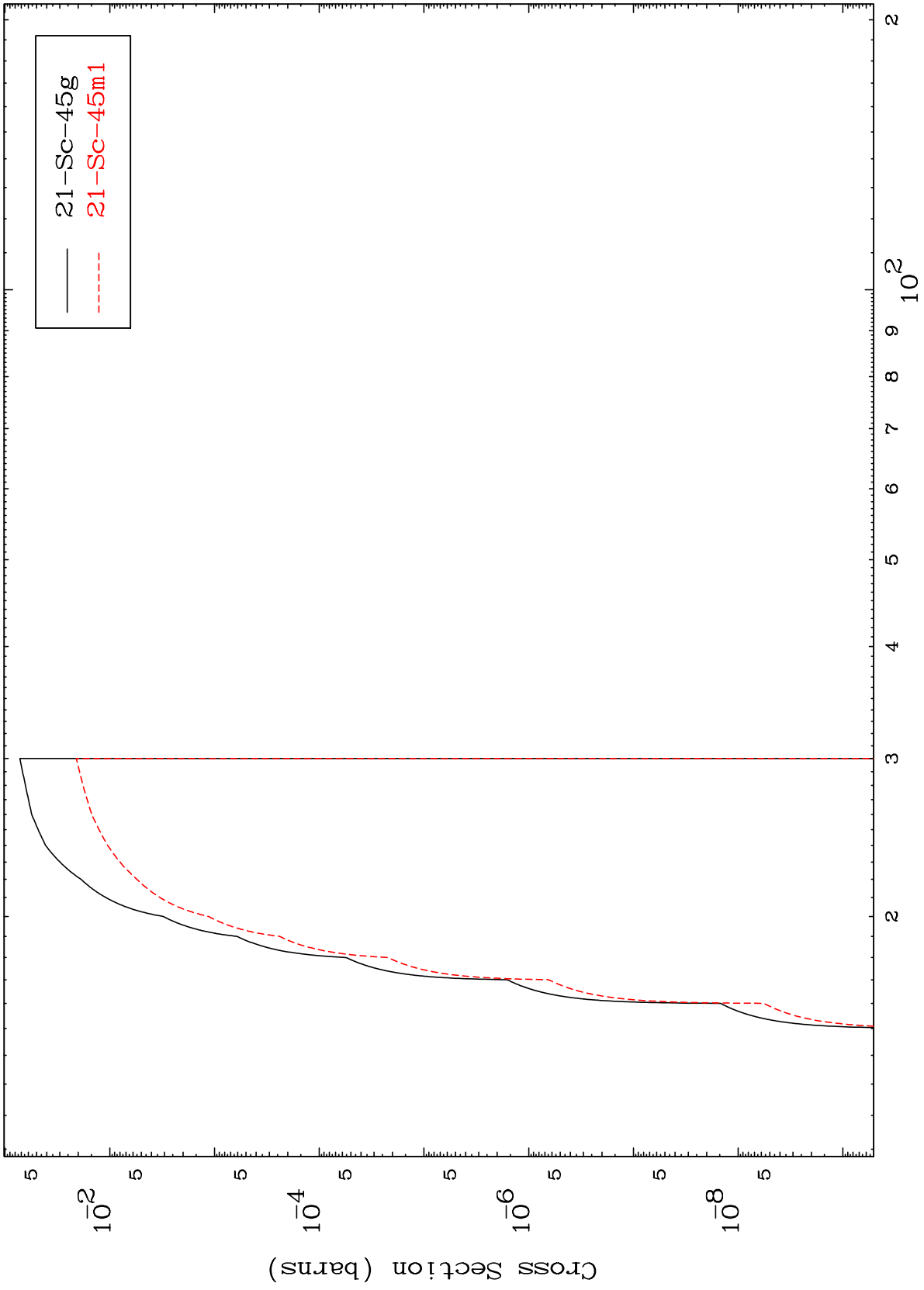
<sup>22</sup>Ti-46

MAT 2225

(n,p)  $\alpha$

<sup>22</sup>Ti-46

Radionuclide Production Cross Section



13

Incident Energy (MeV)

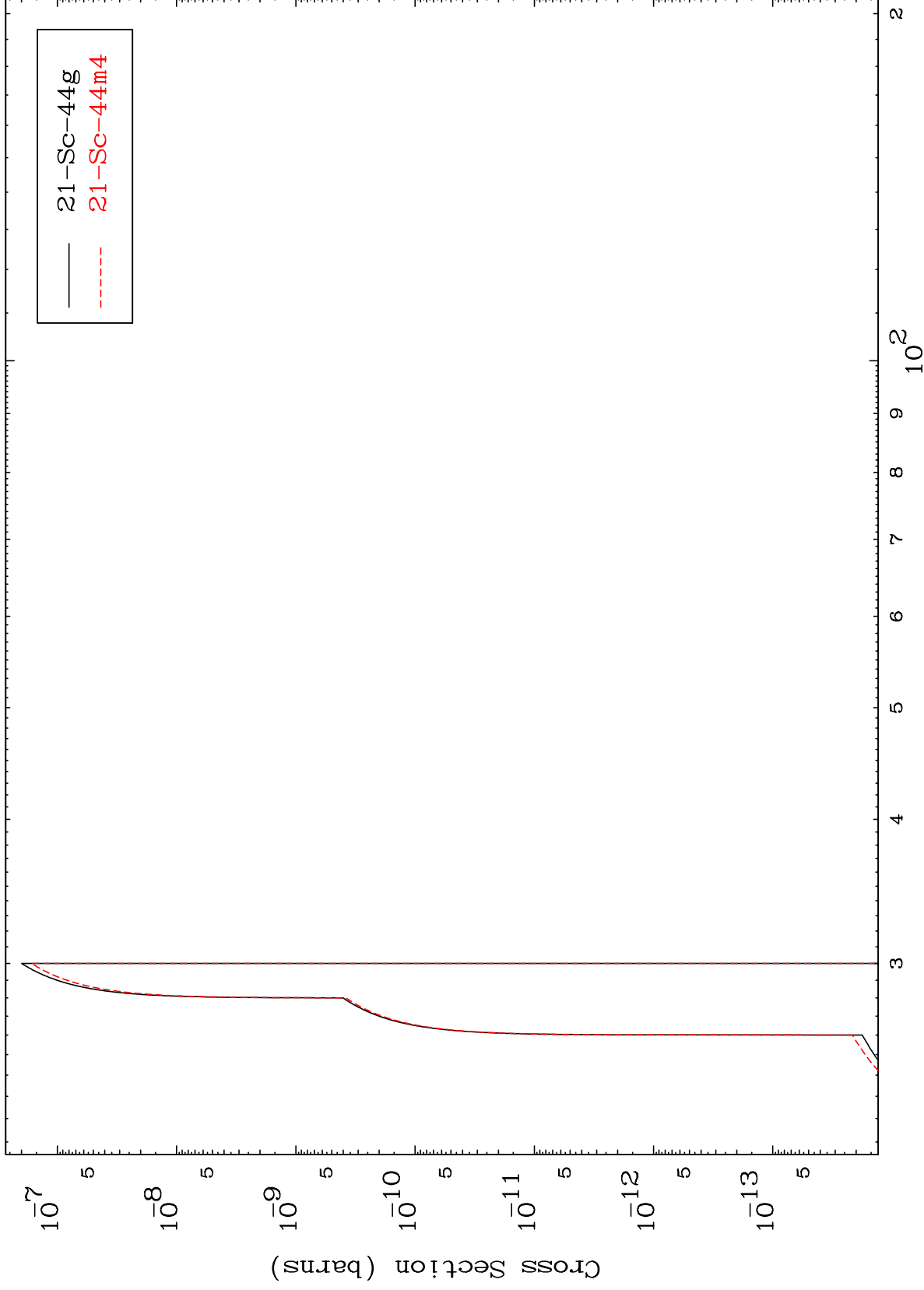
<sup>22</sup>Ti-46

MAT 2225

(n,d)  $\alpha$

<sup>22</sup>Ti-46

Radionuclide Production Cross Section



14

Incident Energy (MeV)

<sup>22</sup>Ti-46