

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

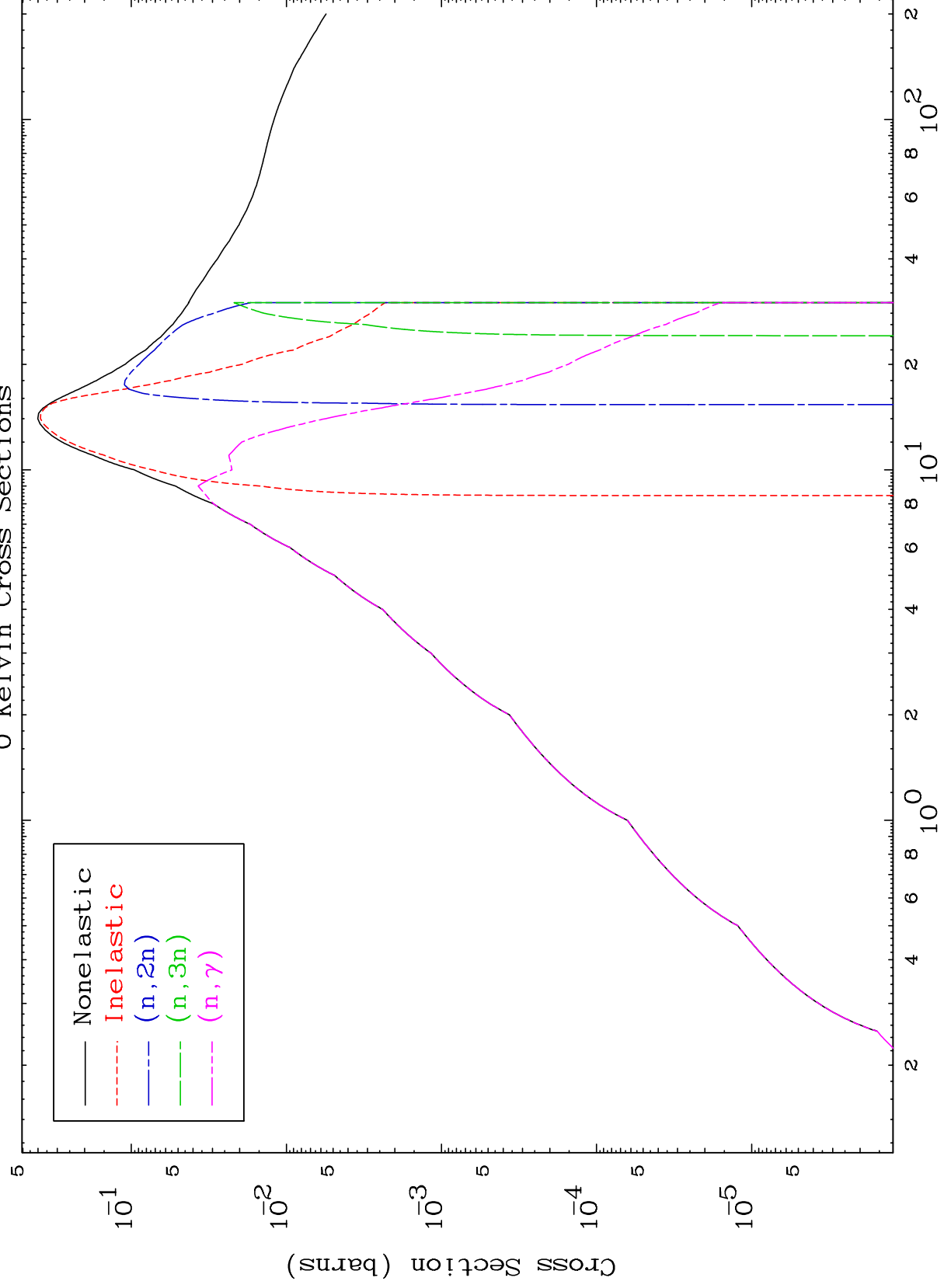
Press Mouse Button to Start

MAT 7713

Photon Major

77-Ir-187

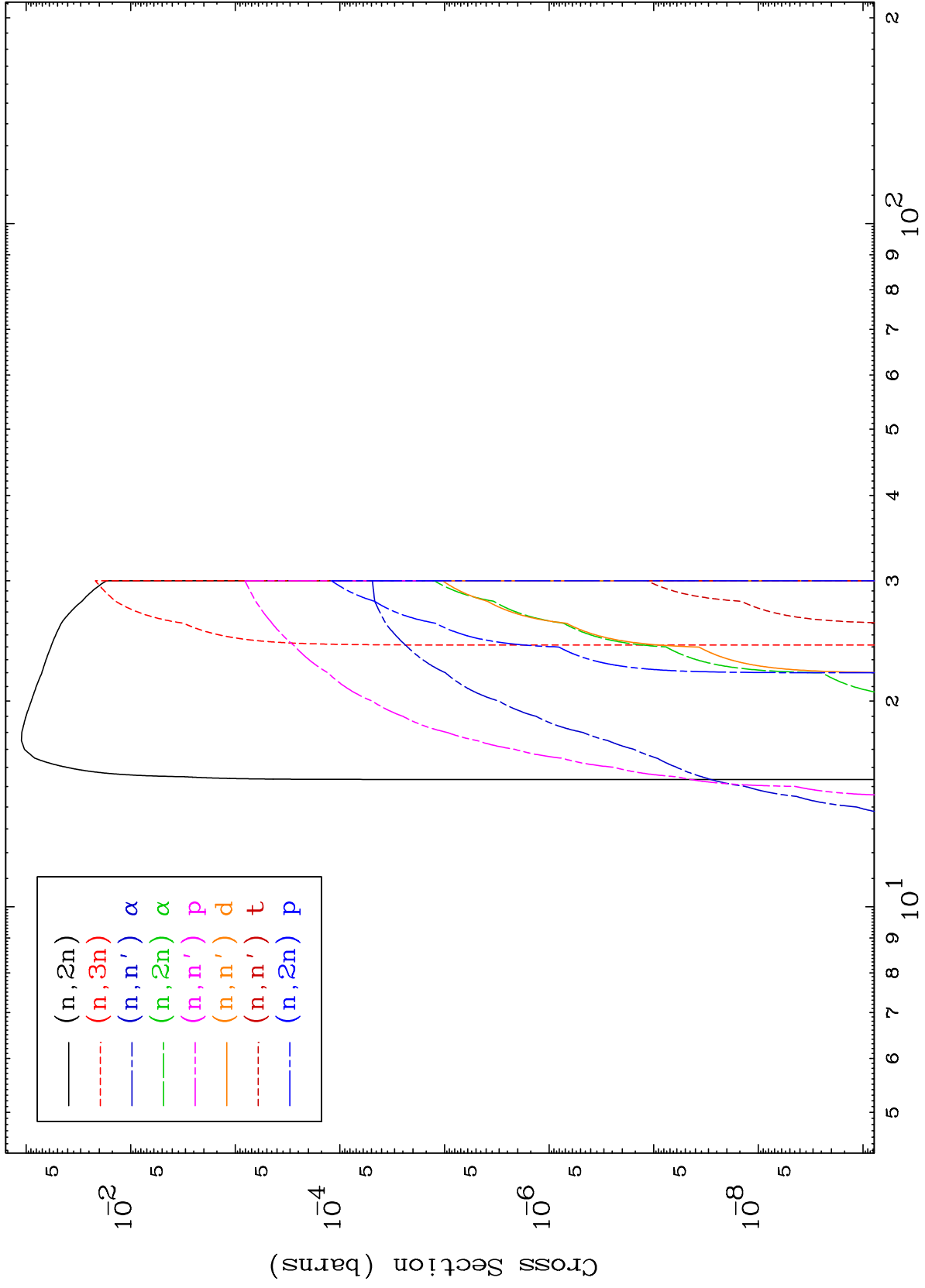
0 Kelvin Cross Sections

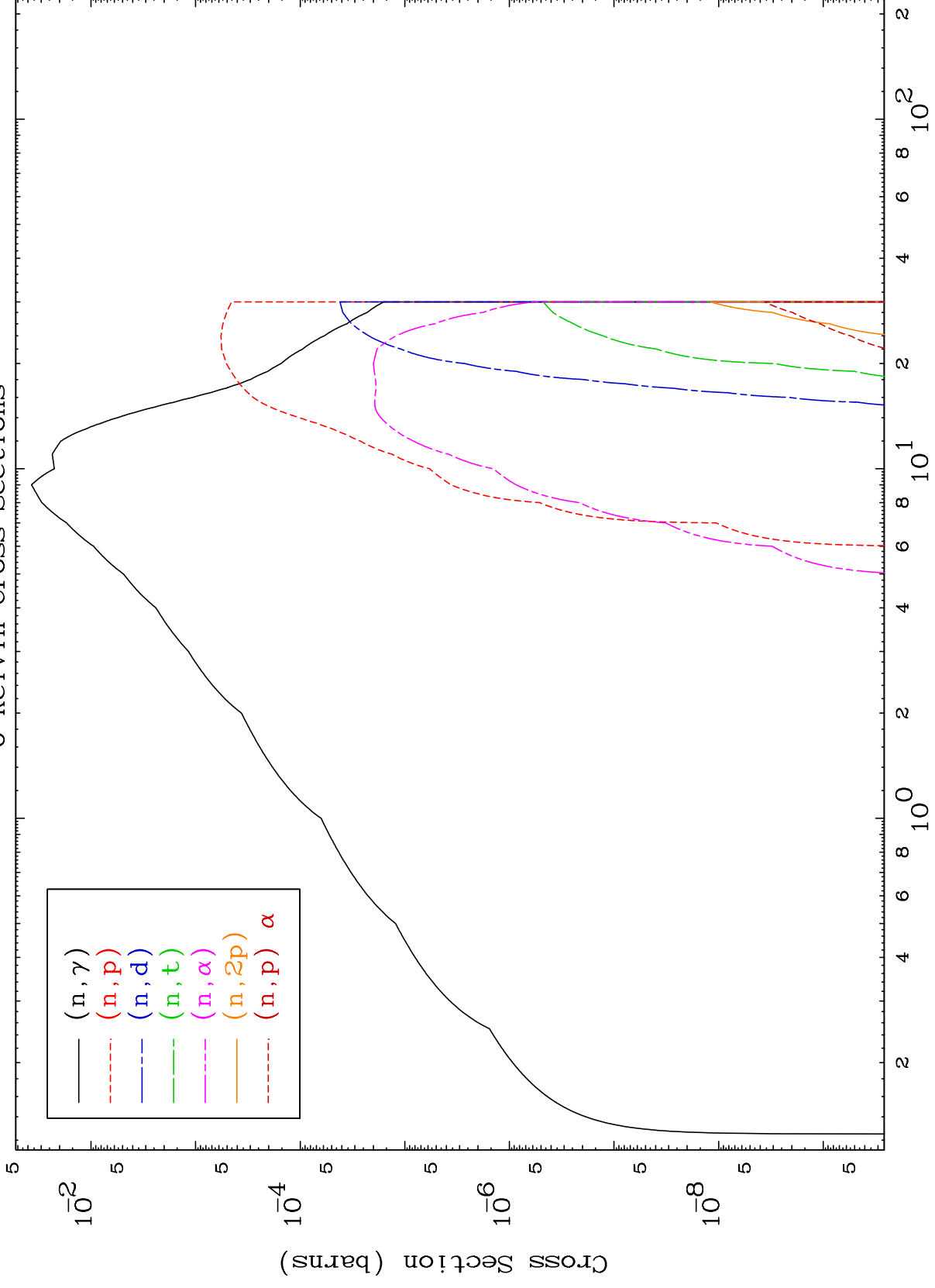


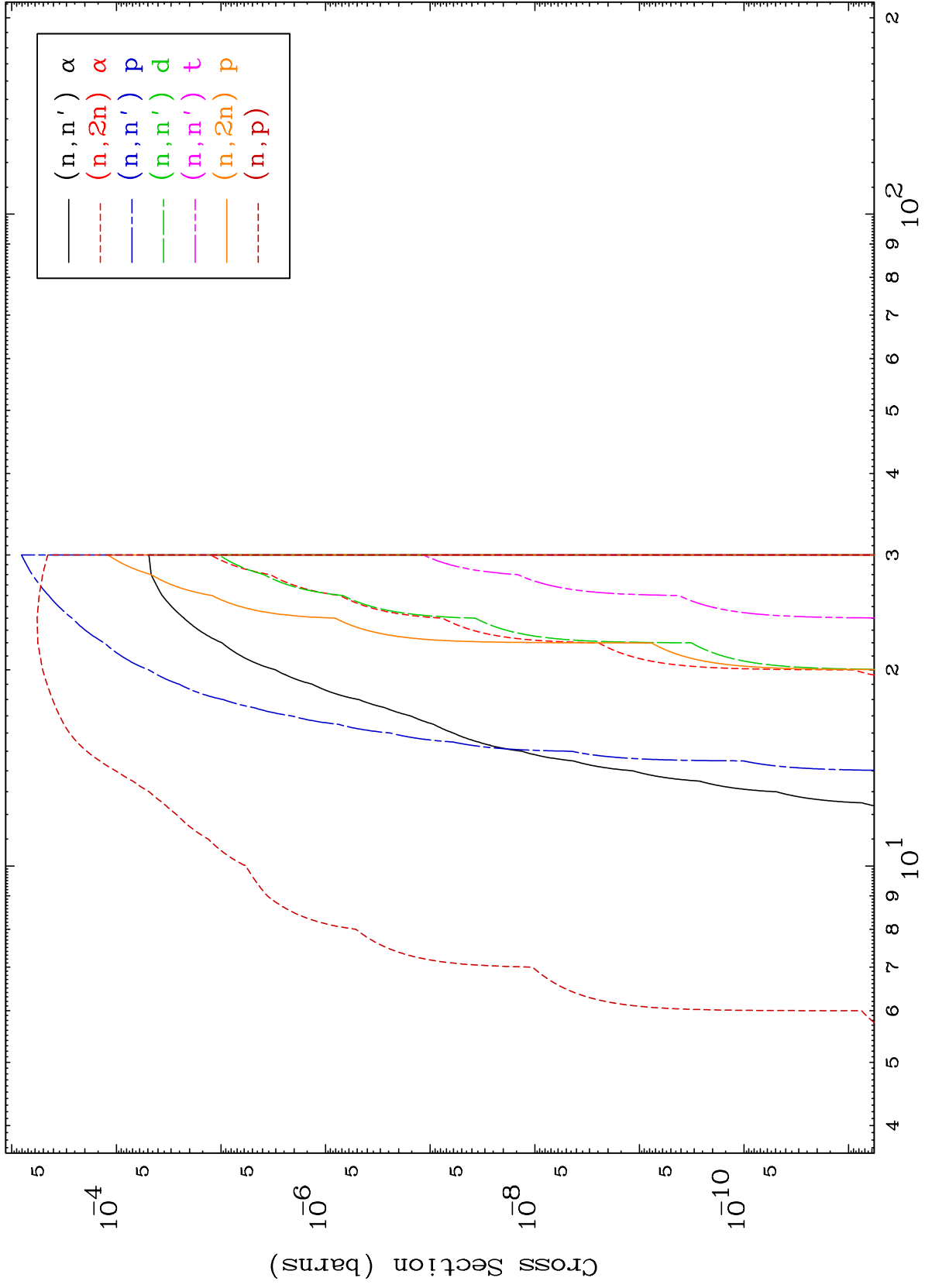
Incident Energy (MeV)

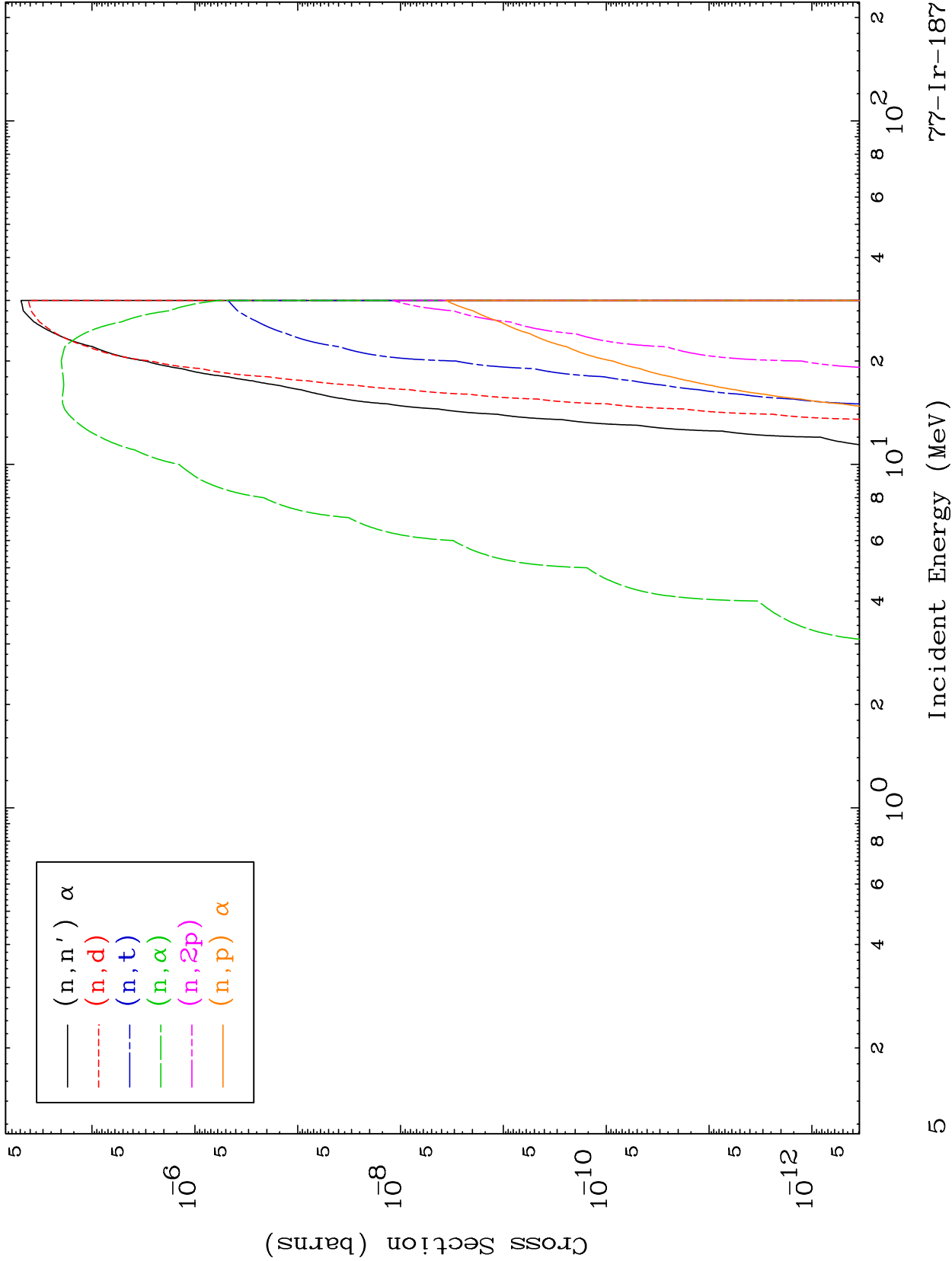
77-Ir-187

1







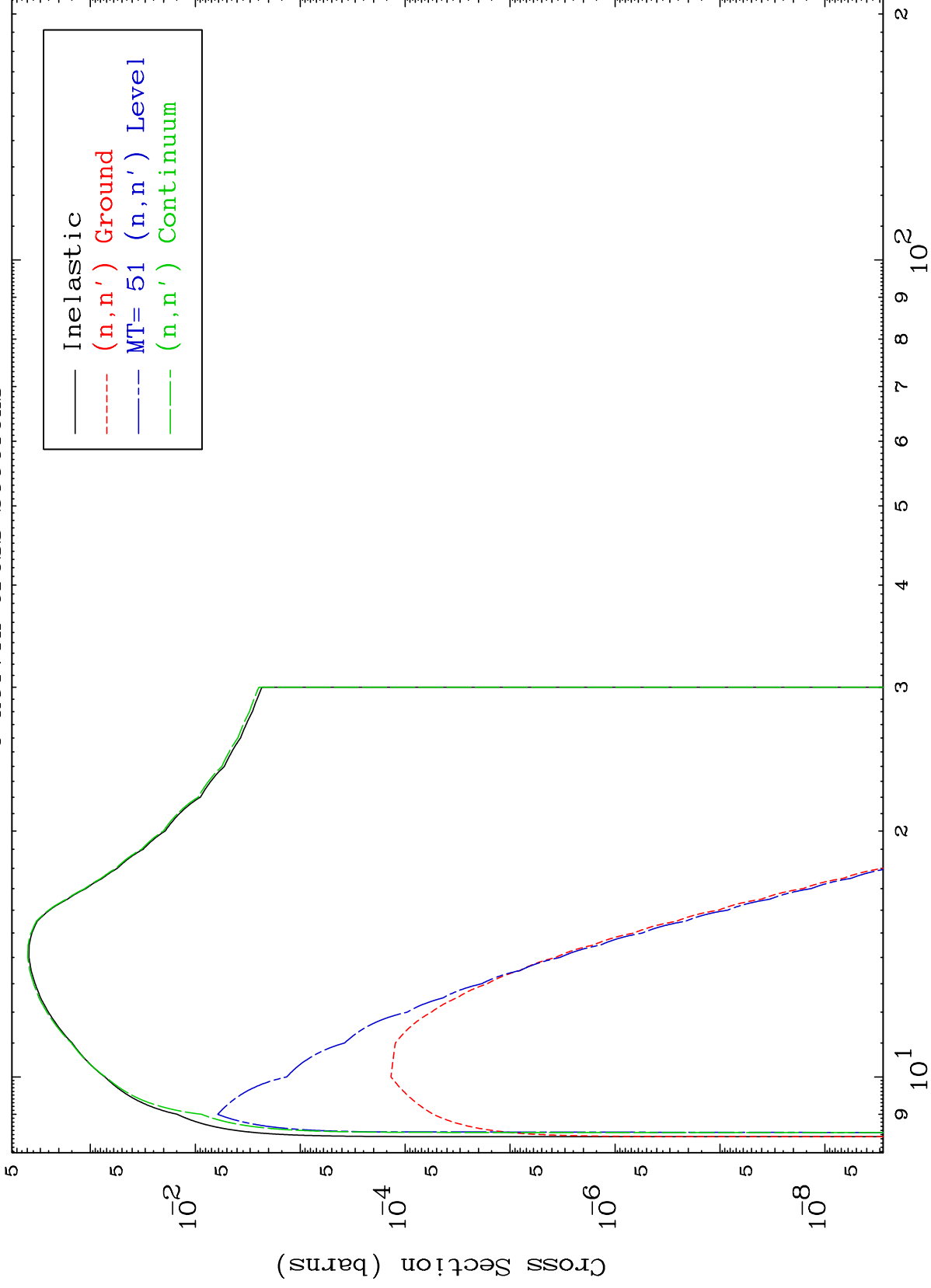


MAT 7713

( $\gamma, n'$ ) Levels

<sup>77</sup>Ir-187

0 Kelvin Cross Sections



Incident Energy (MeV)

<sup>77</sup>Ir-187

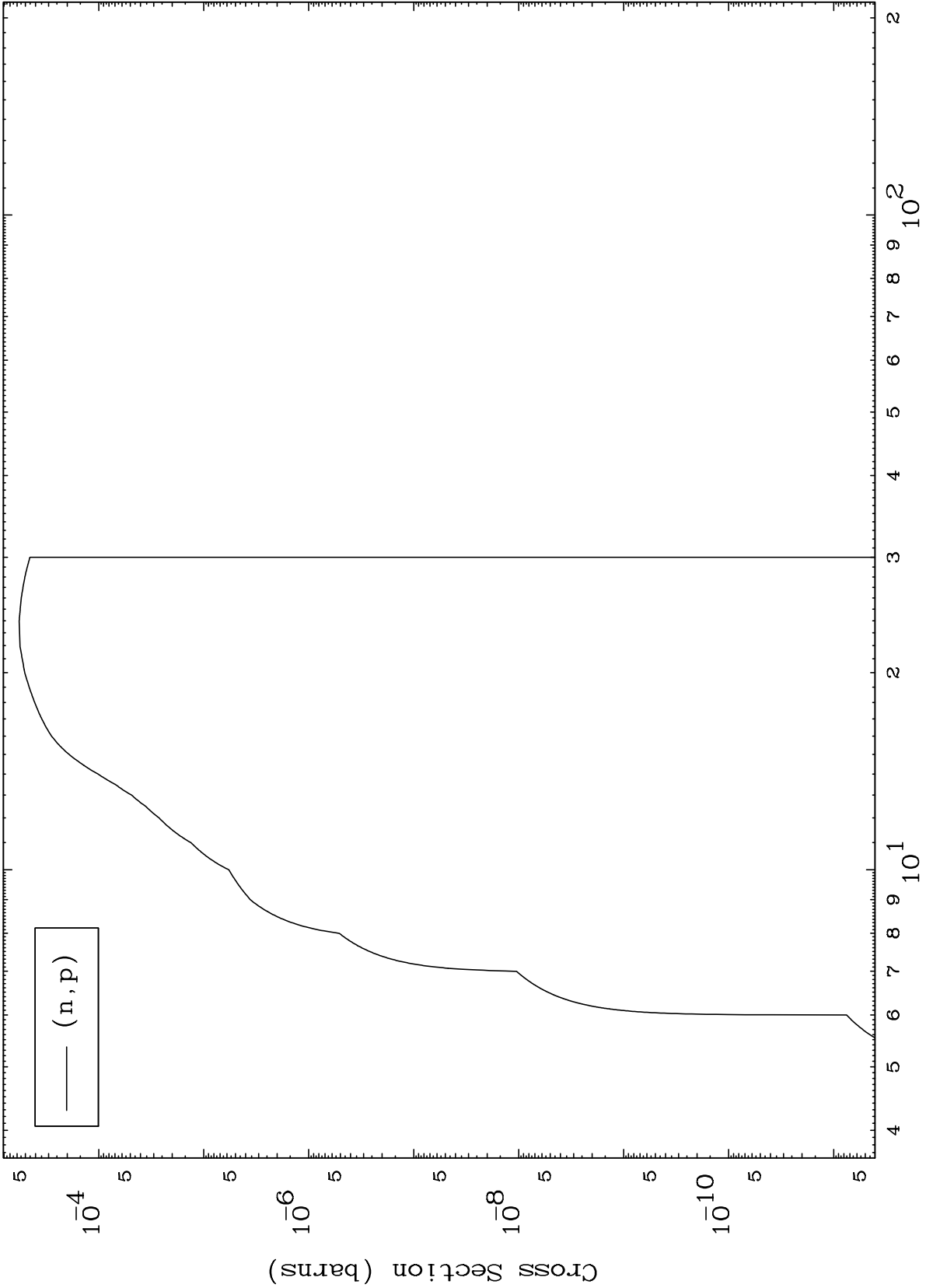
6

MAT 7713

( $\gamma, p$ ) Levels

77-Ir-187

0 Kelvin Cross Sections



7

Incident Energy (MeV)

77-Ir-187

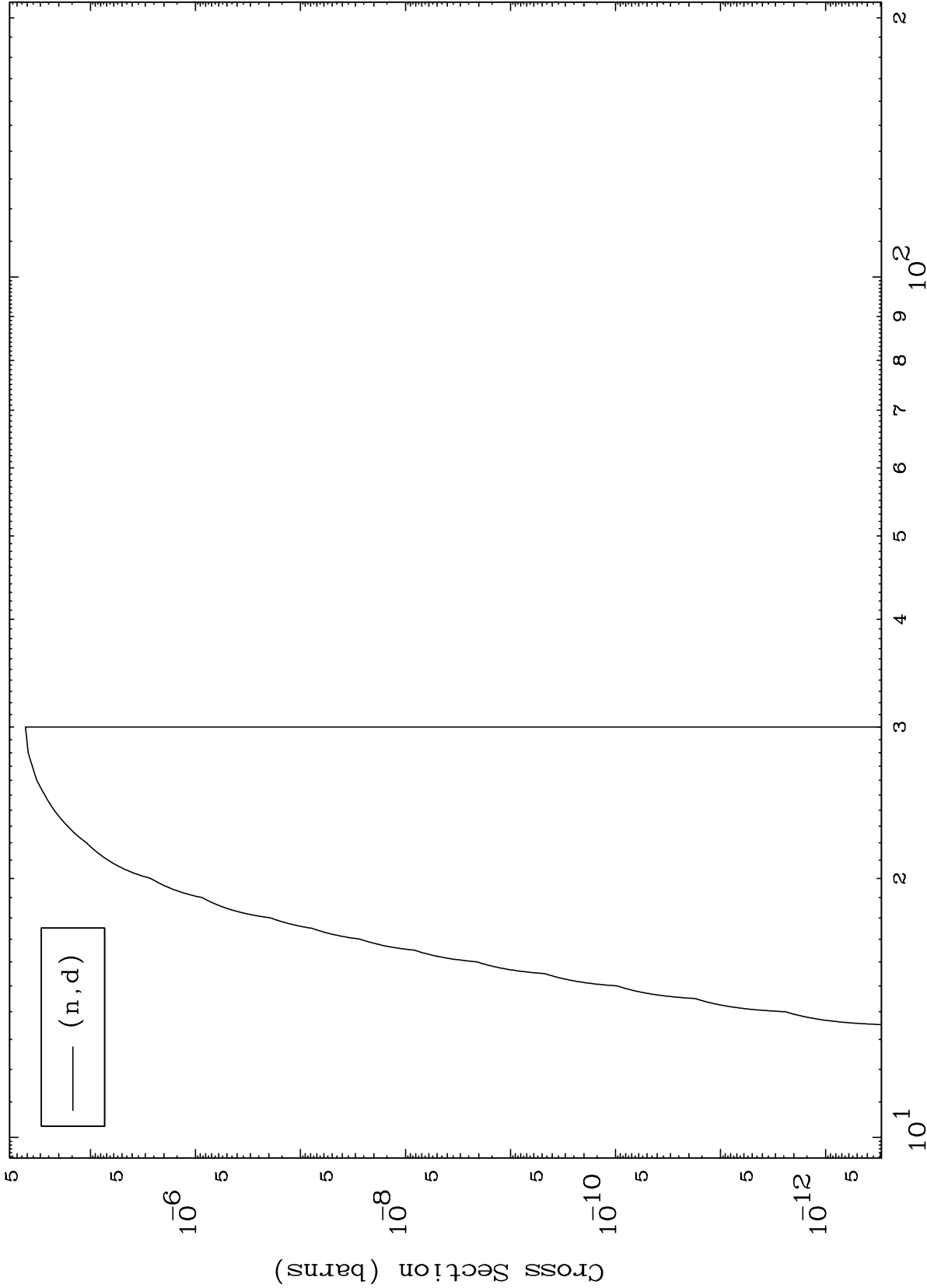


MAT 7713

( $\gamma, d$ ) Levels

77-Ir-187

0 Kelvin Cross Sections



Incident Energy (MeV)

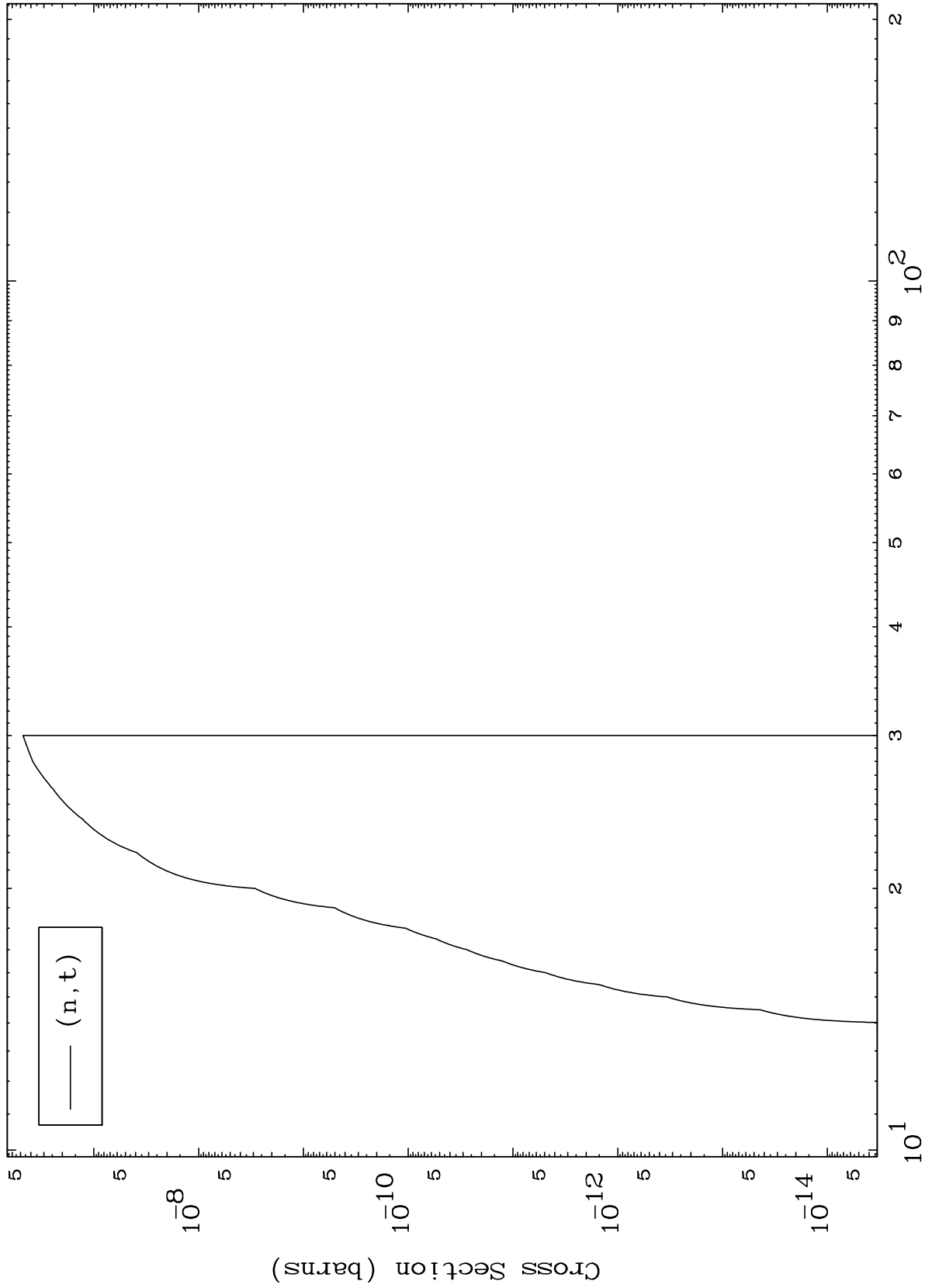
77-Ir-187

MAT 7713

( $\gamma, t$ ) Levels

77-Ir-187

0 Kelvin Cross Sections



Incident Energy (MeV)

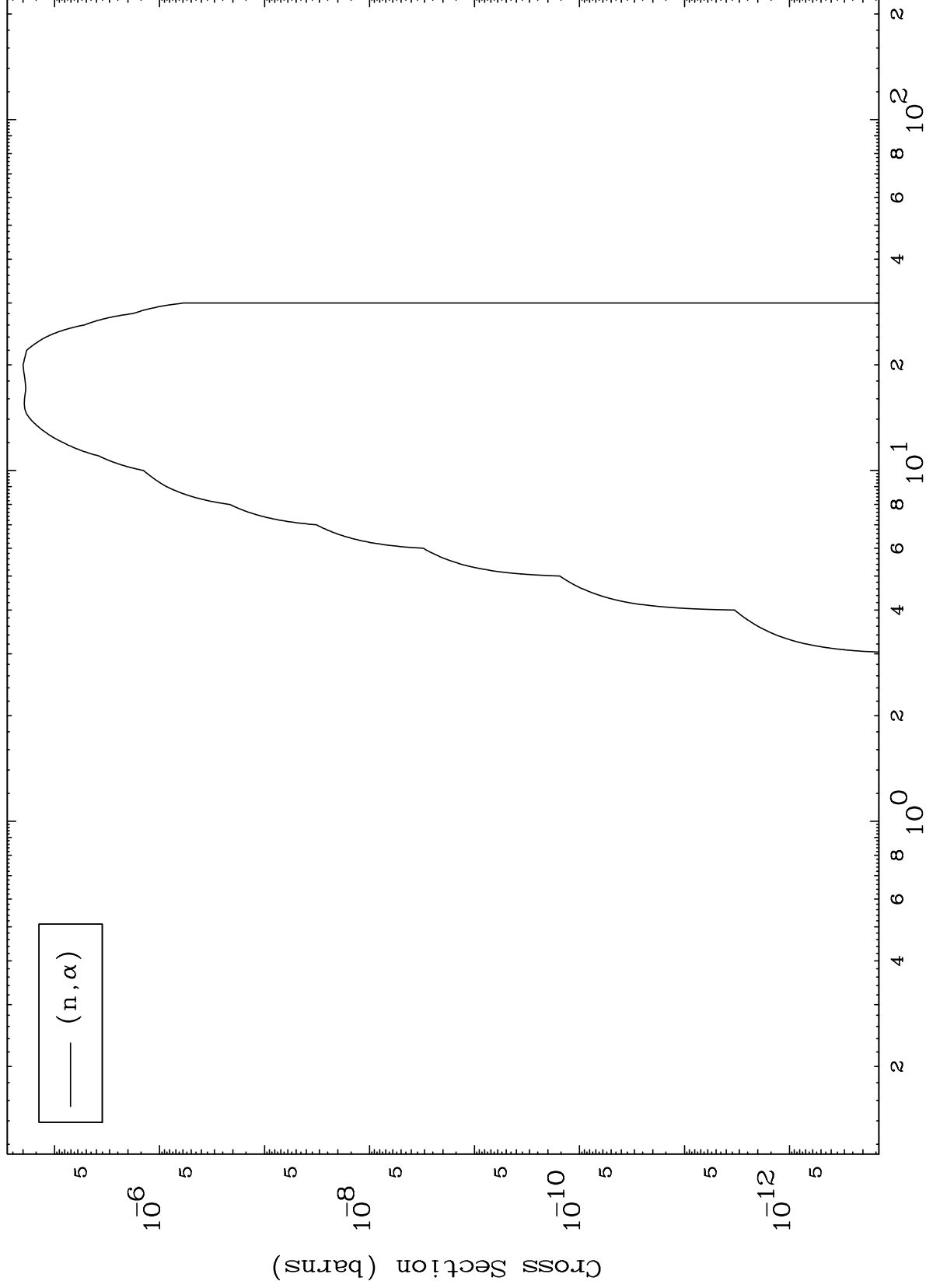
77-Ir-187

MAT 7713

( $\gamma, \alpha$ ) Levels

77-Ir-187

0 Kelvin Cross Sections



10

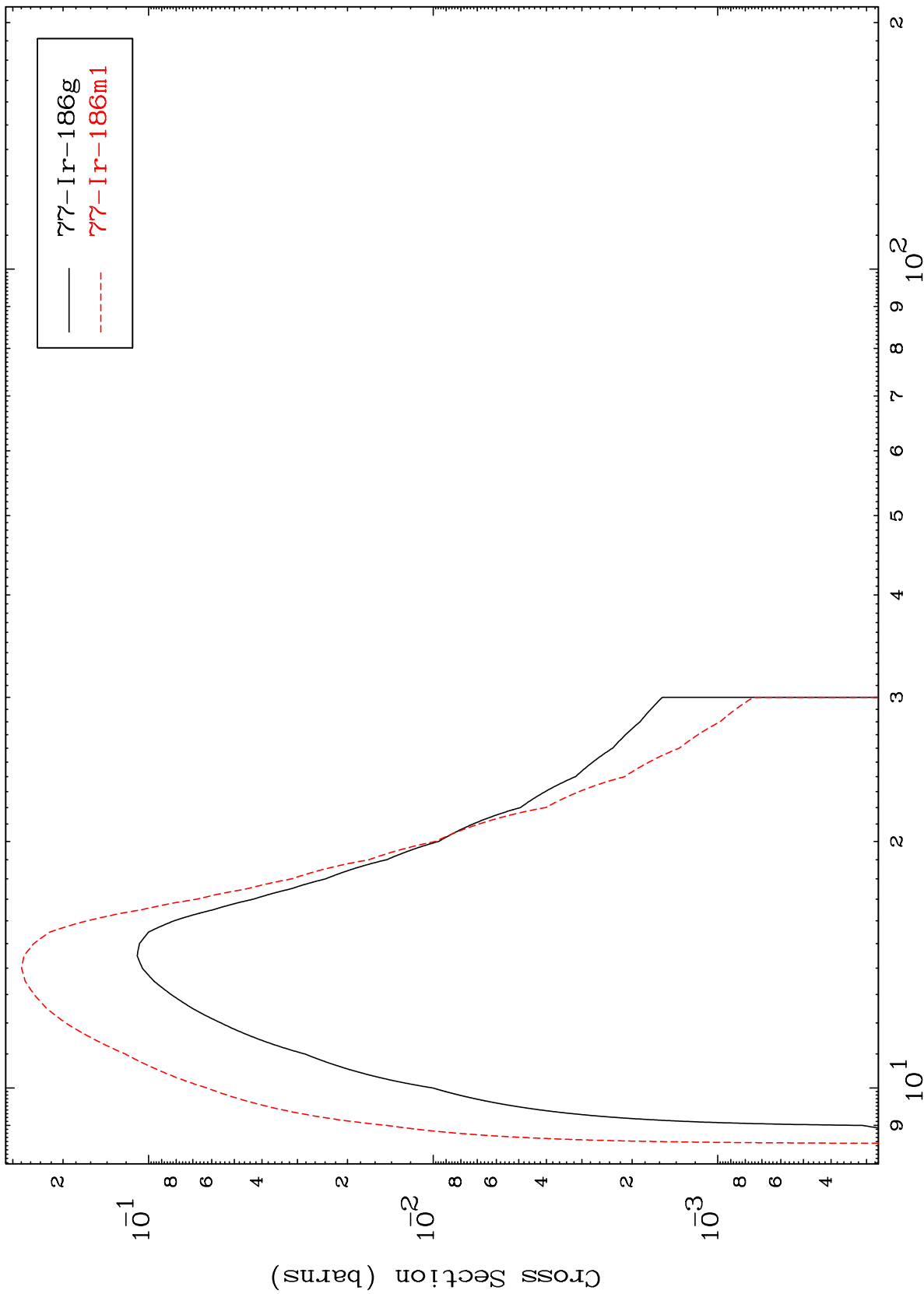
Incident Energy (MeV)

77-Ir-187

MAT 7713

77-Ir-187

Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

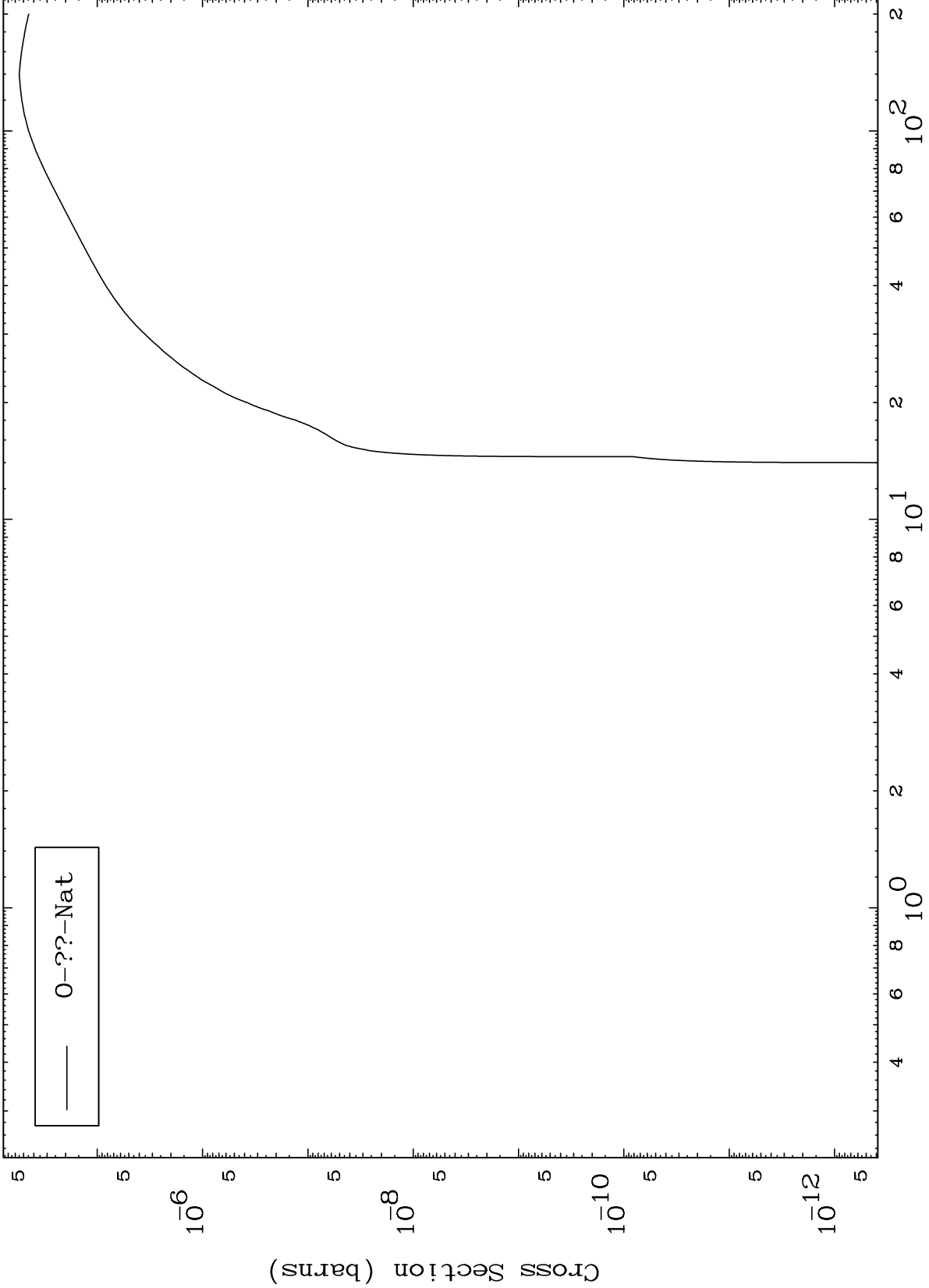
77-Ir-187

MAT 7713

Fission

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



12

Incident Energy (MeV)

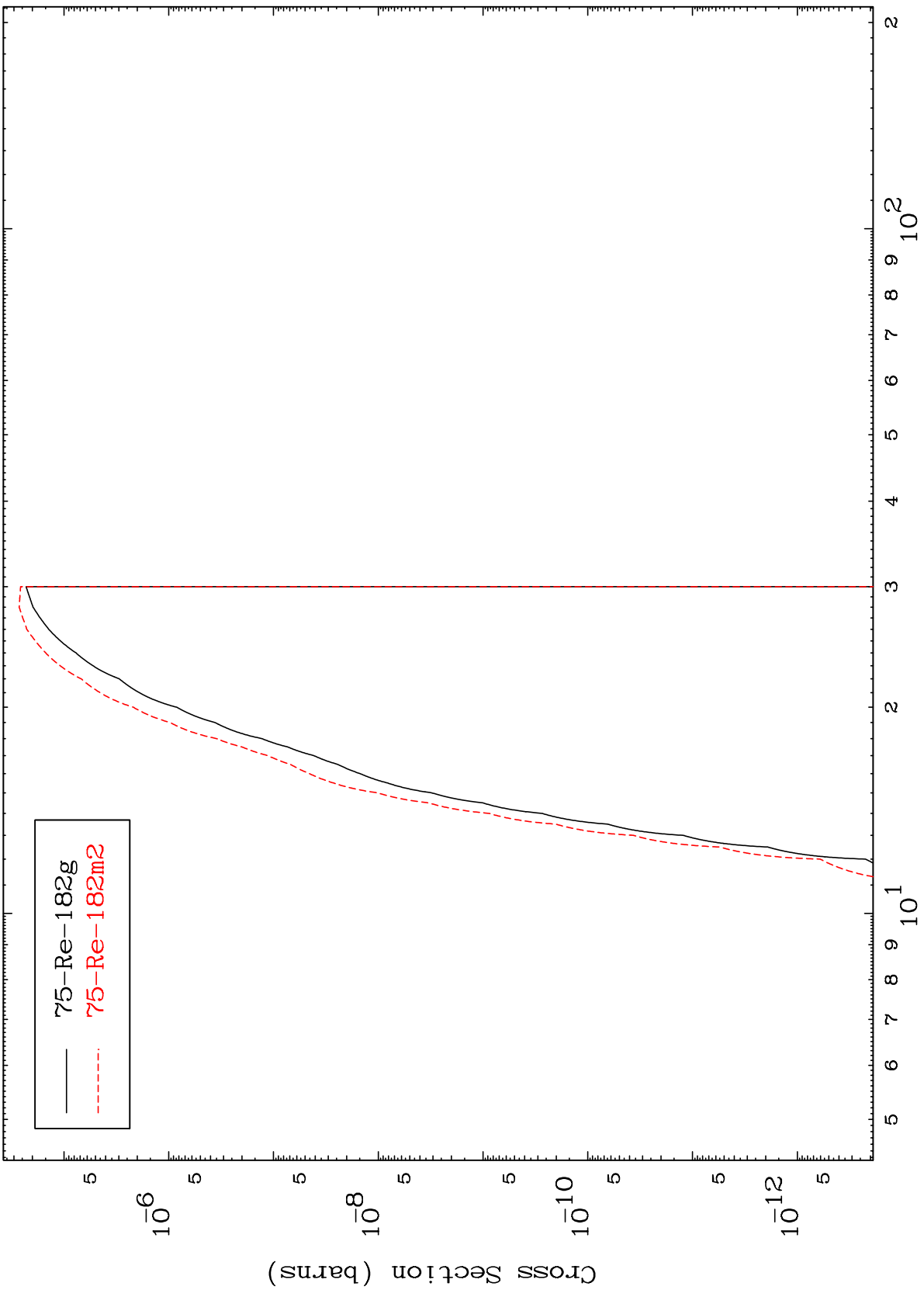
<sup>77</sup>Ir-187

MAT 7713

$(n, n') \alpha$

$^{77}\text{Ir-187}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

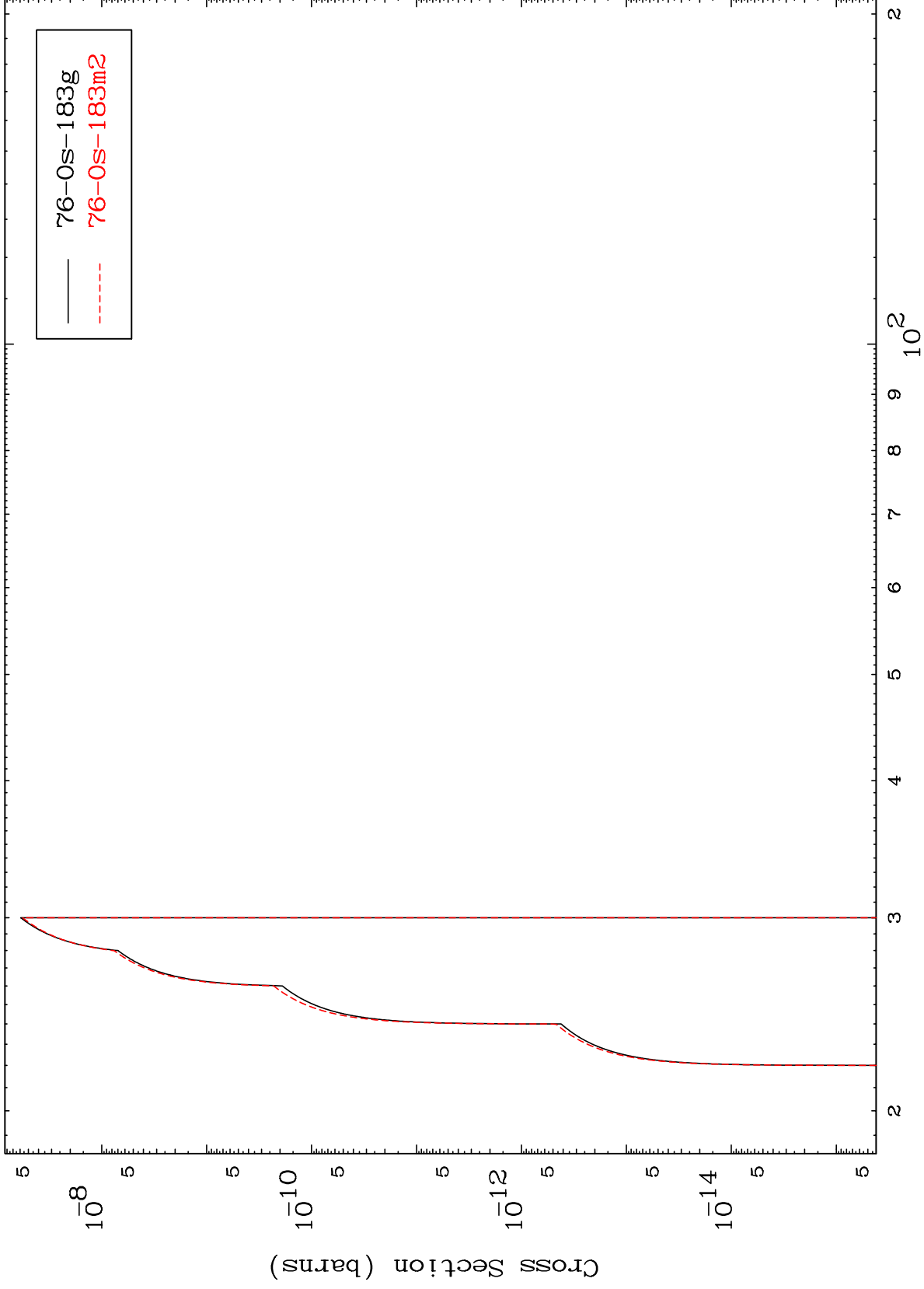
$^{77}\text{Ir-187}$

MAT 7713

(n,n') t

77-Ir-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

77-Ir-187