

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

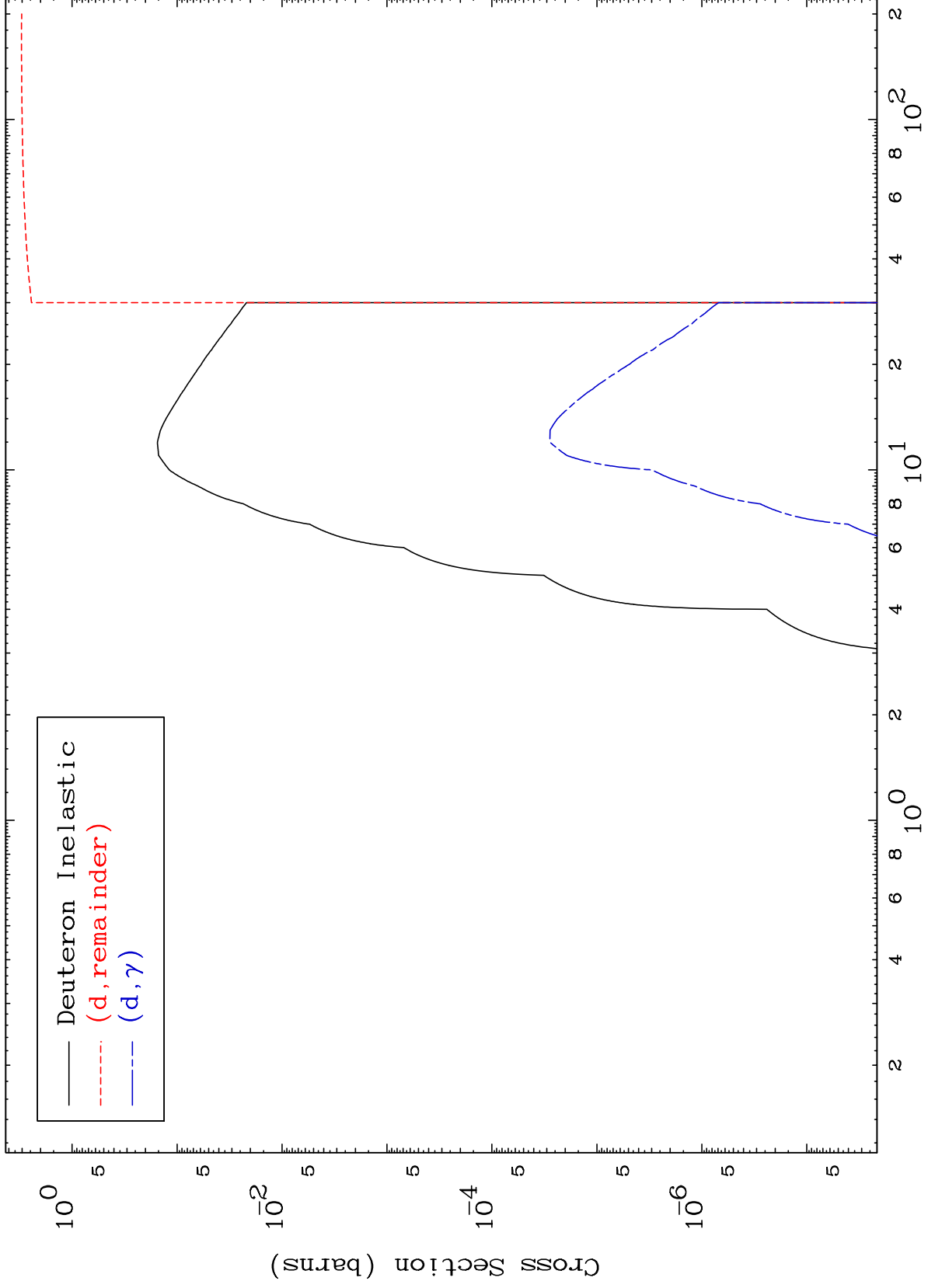
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Web:redcullen1.net/HOMEPAGE.NEW

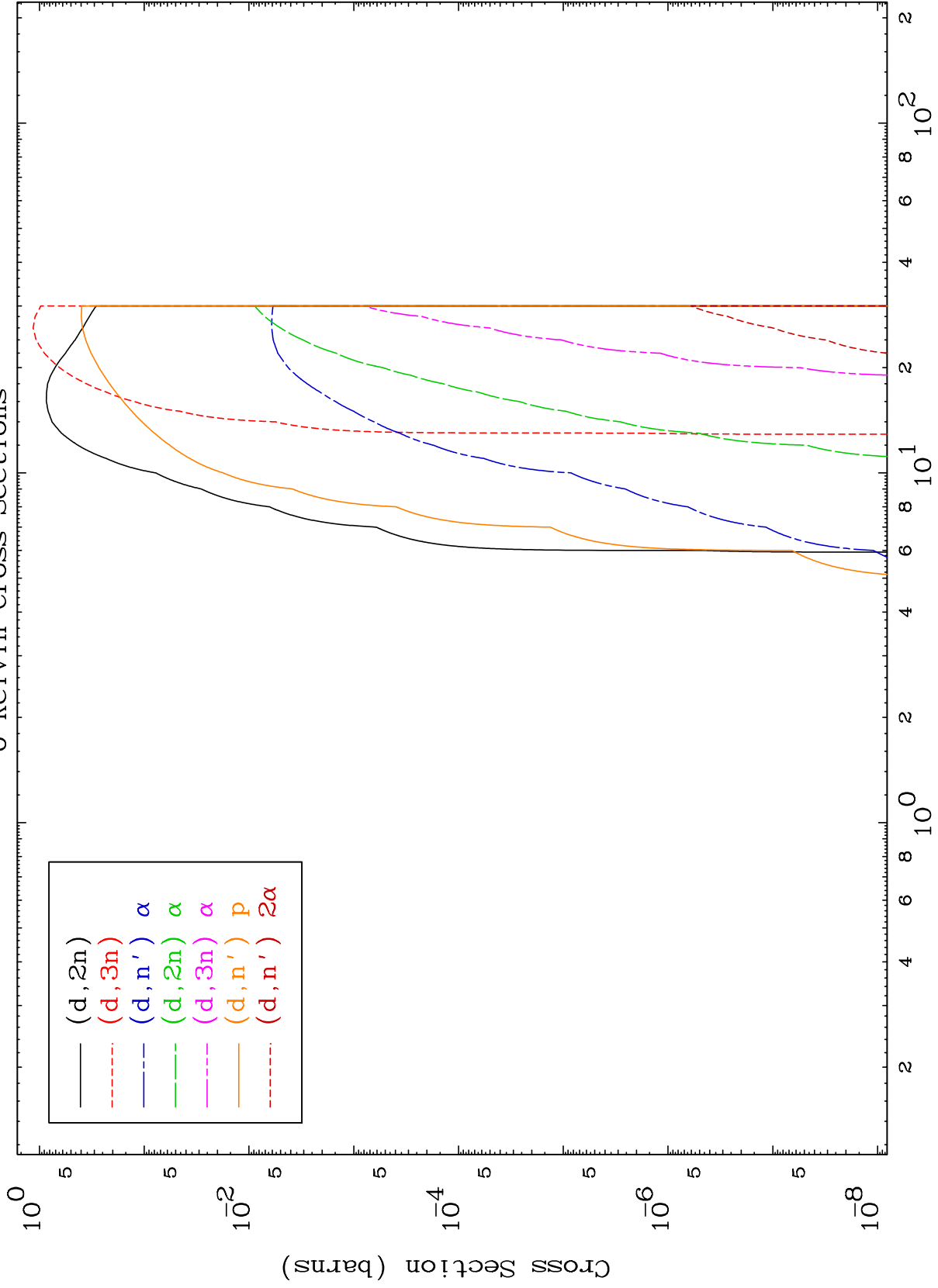
Press Mouse Button to Start



MAT 7713

Deuteron Neutron Production  
0 Kelvin Cross Sections

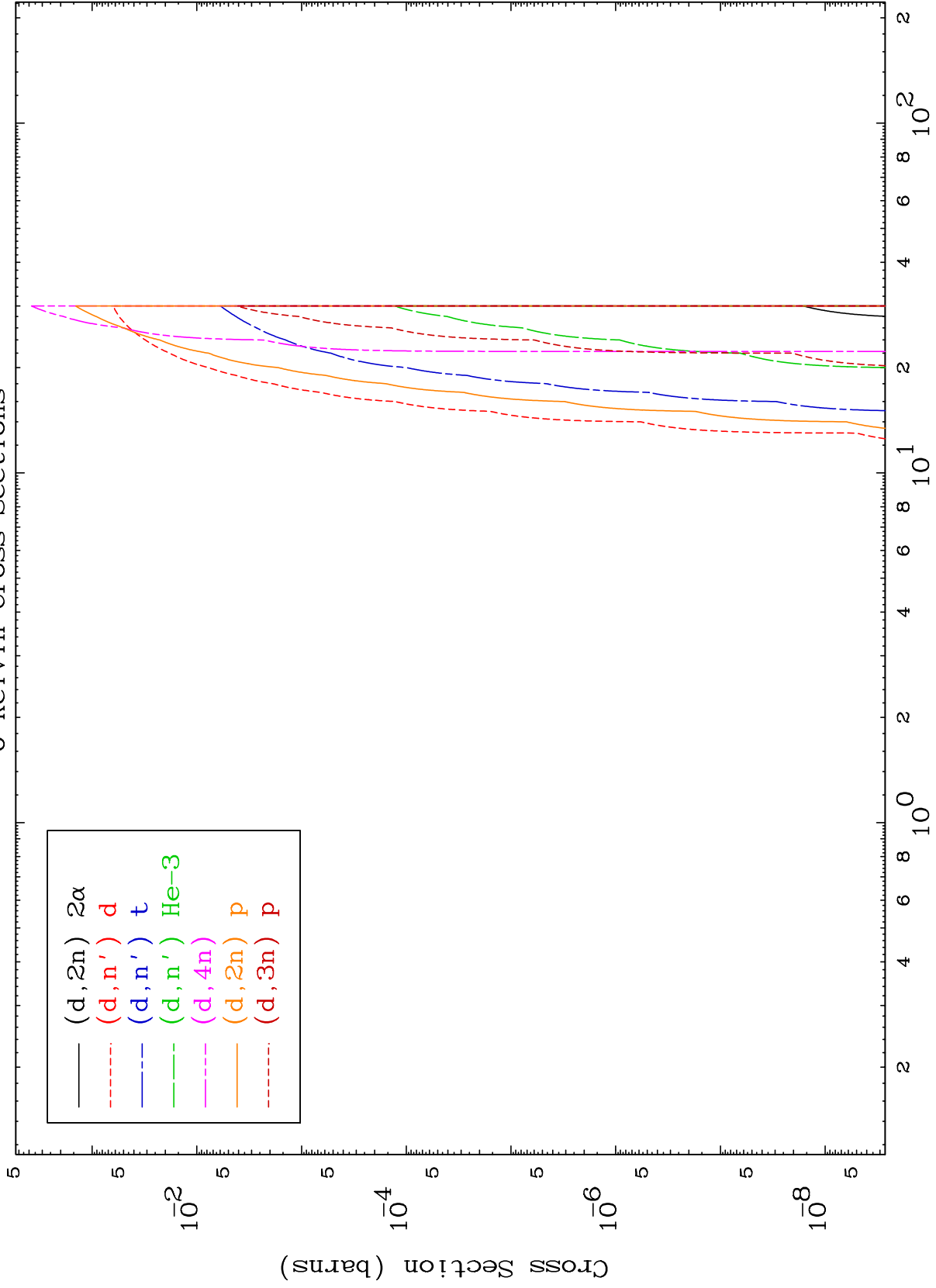
77-Ir-187

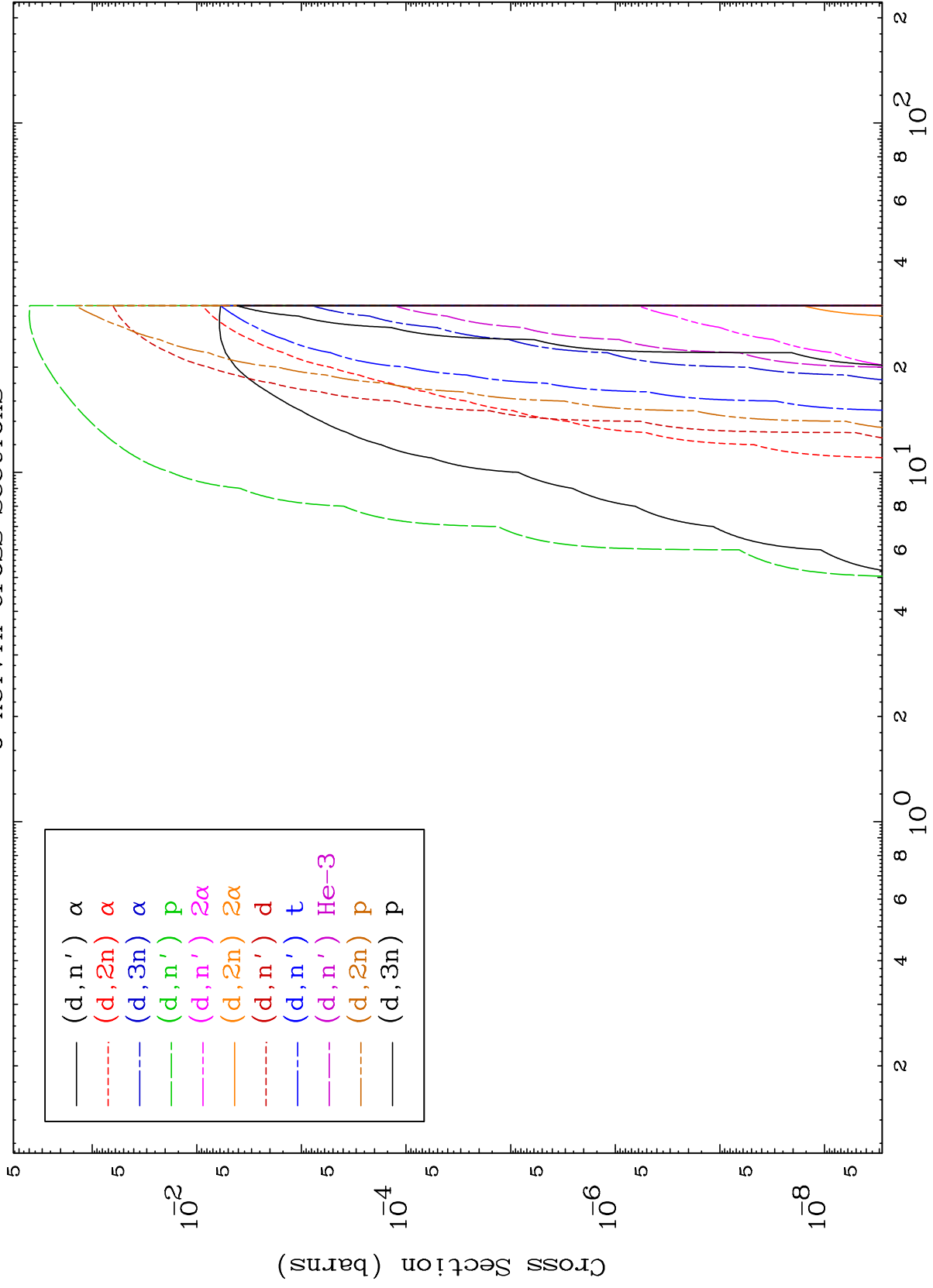


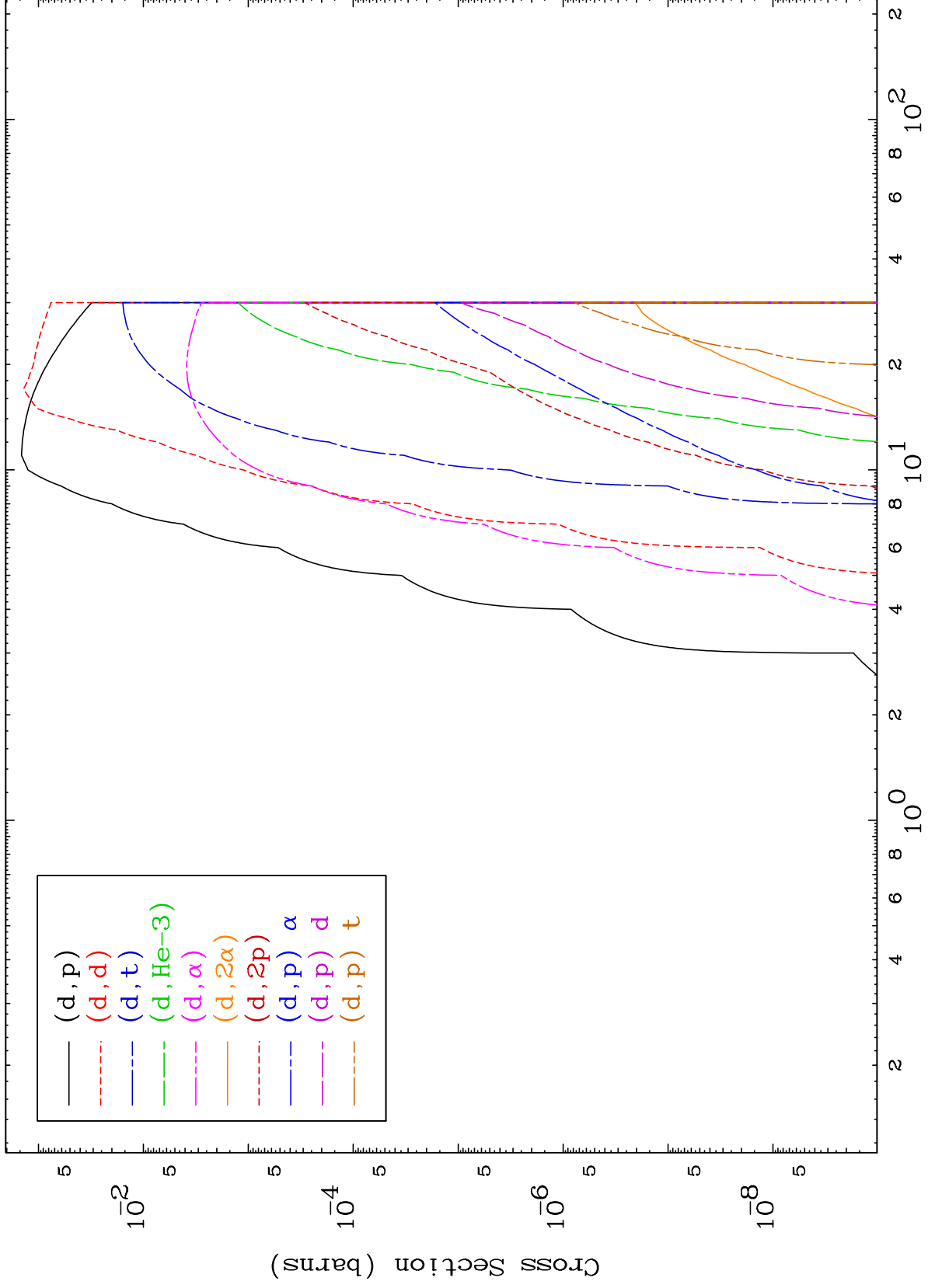
77-Ir-187

Incident Energy (MeV)

2





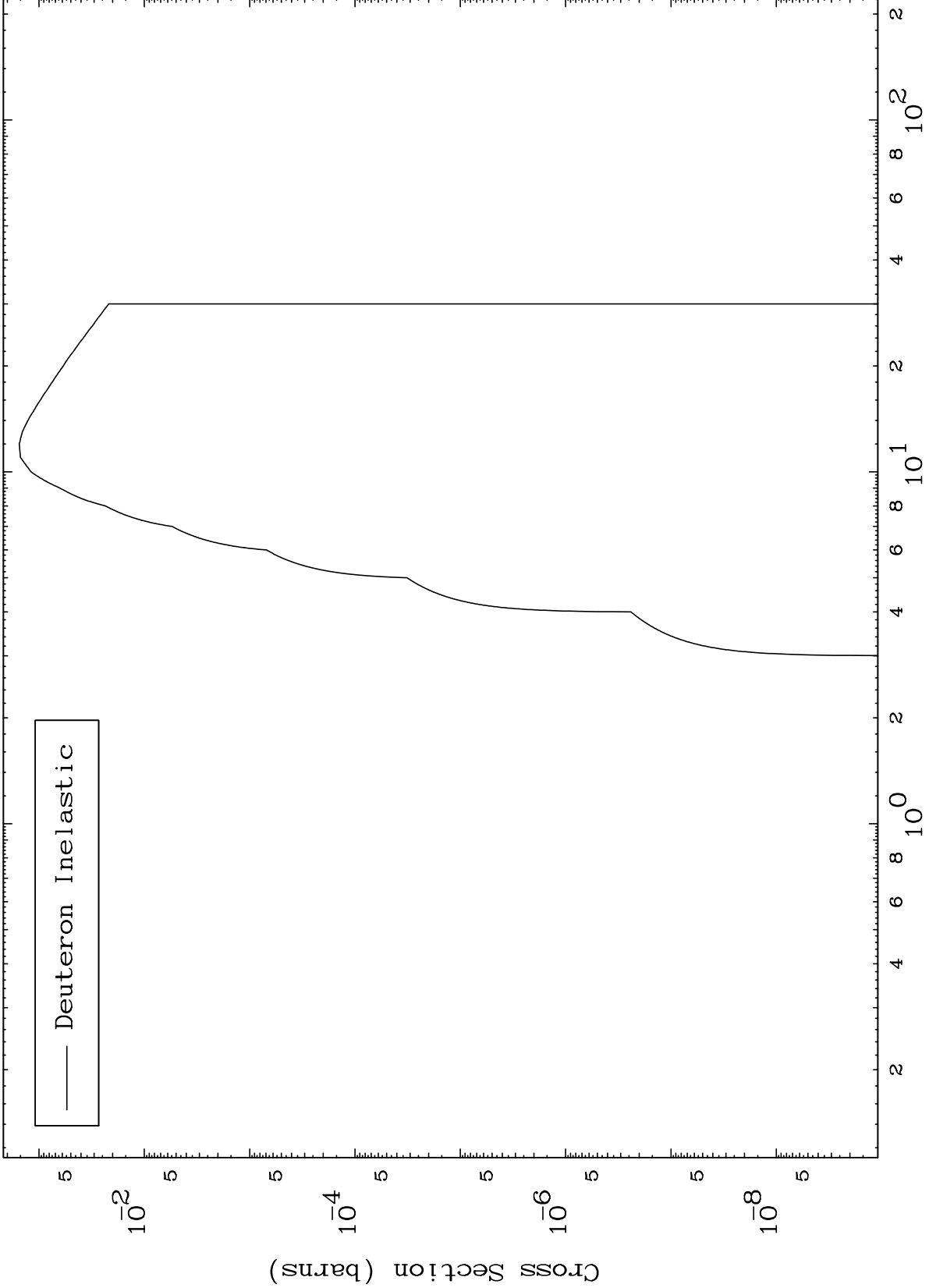


MAT 7713

(d, n') Level

77-Ir-187

0 Kelvin Cross Sections

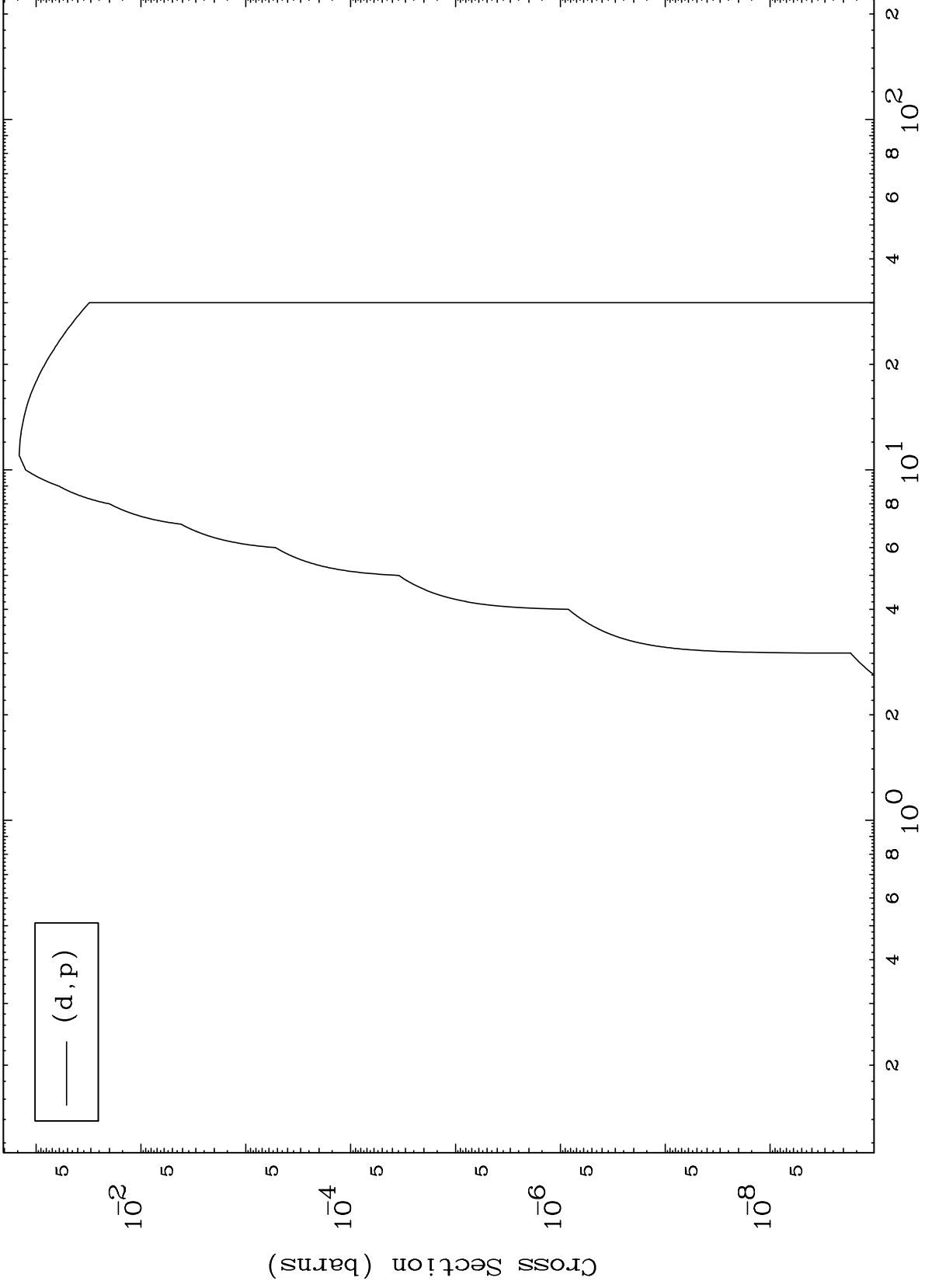


MAT 7713

(d,p) Levels

<sup>77</sup>Ir-187

0 Kelvin Cross Sections



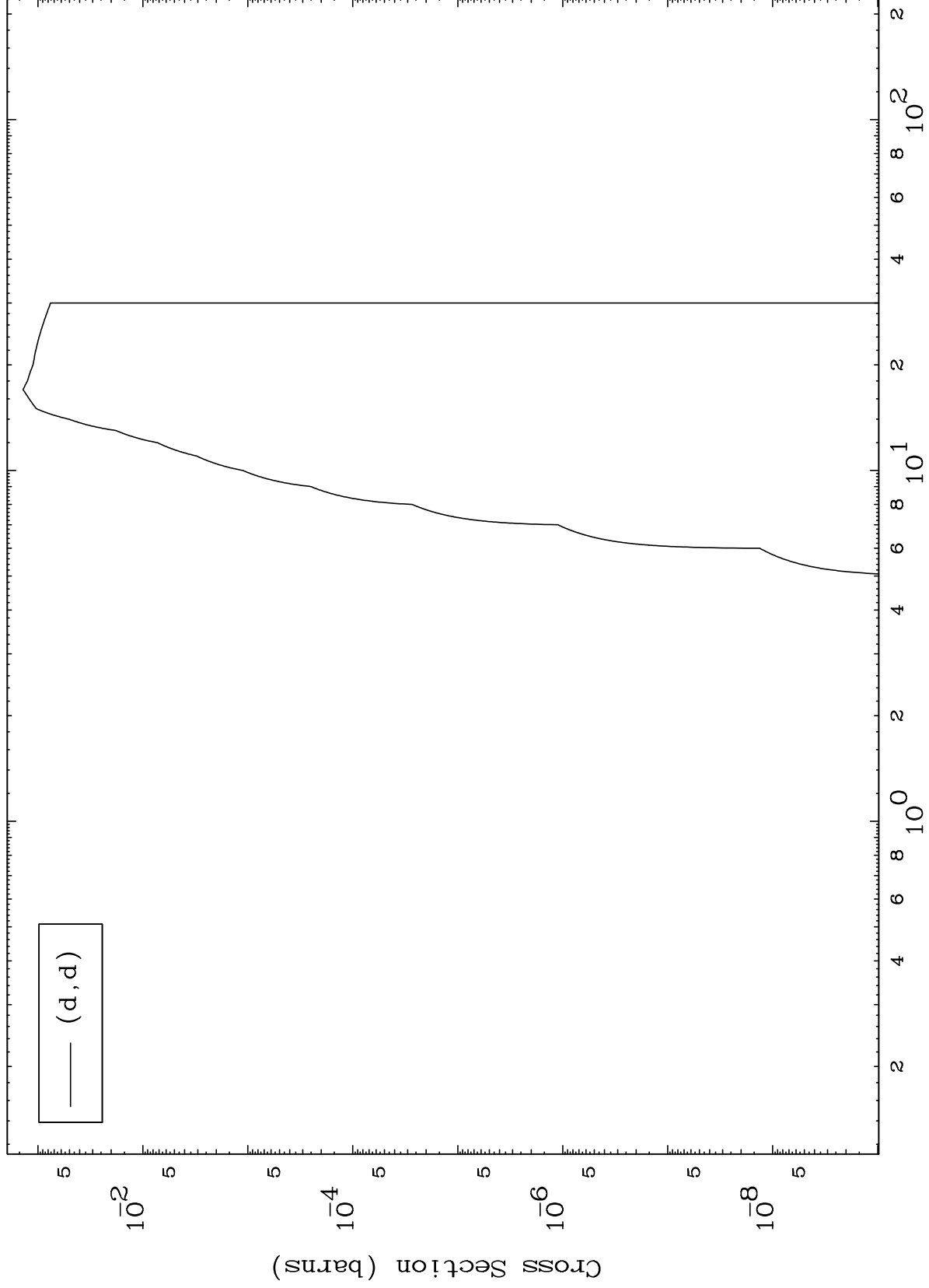


MAT 7713

(d,d) Levels

<sup>77</sup>Ir-187

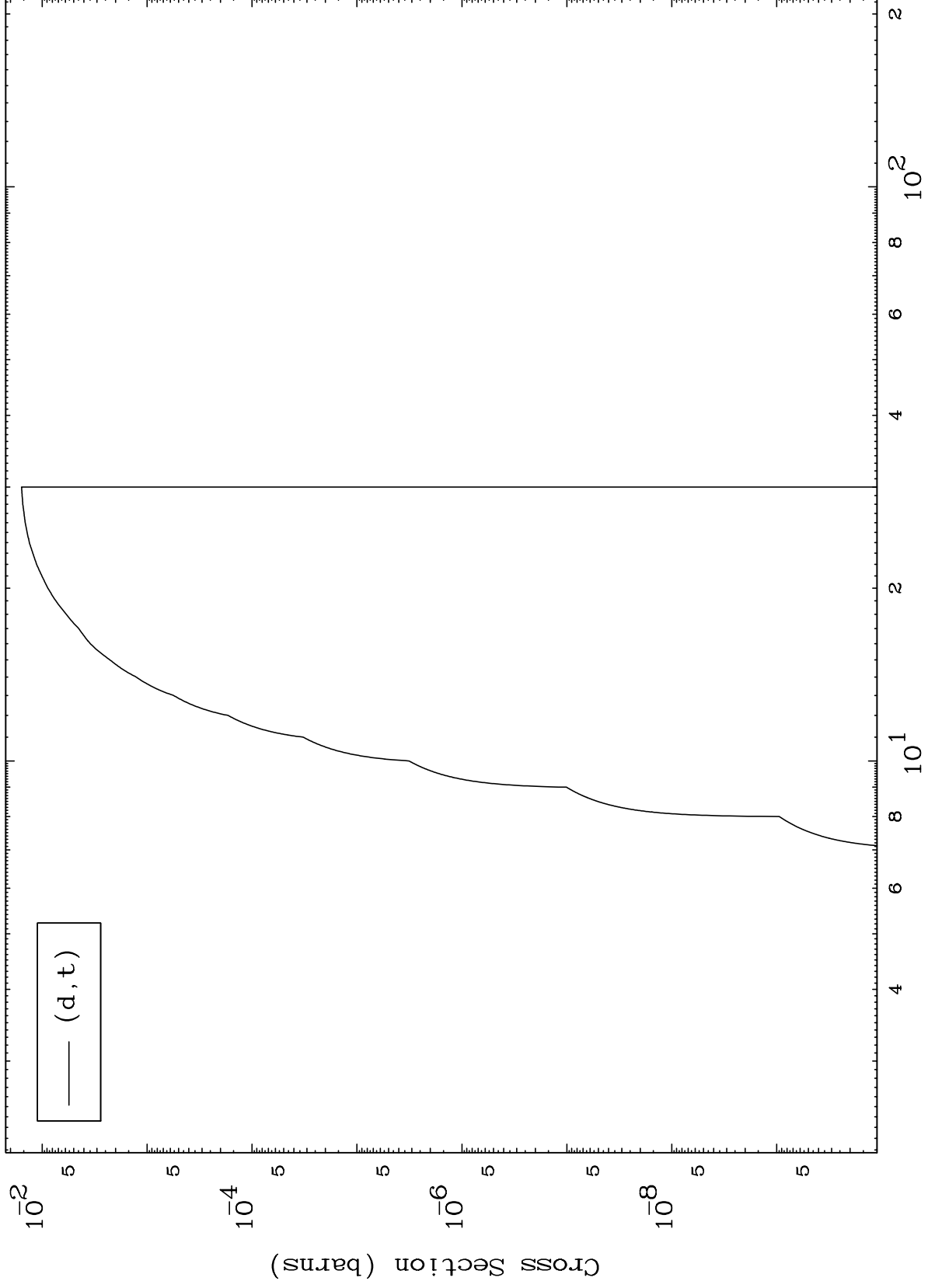
0 Kelvin Cross Sections



MAT 7713

(d,t) Levels  
0 Kelvin Cross Sections

77-Ir-187

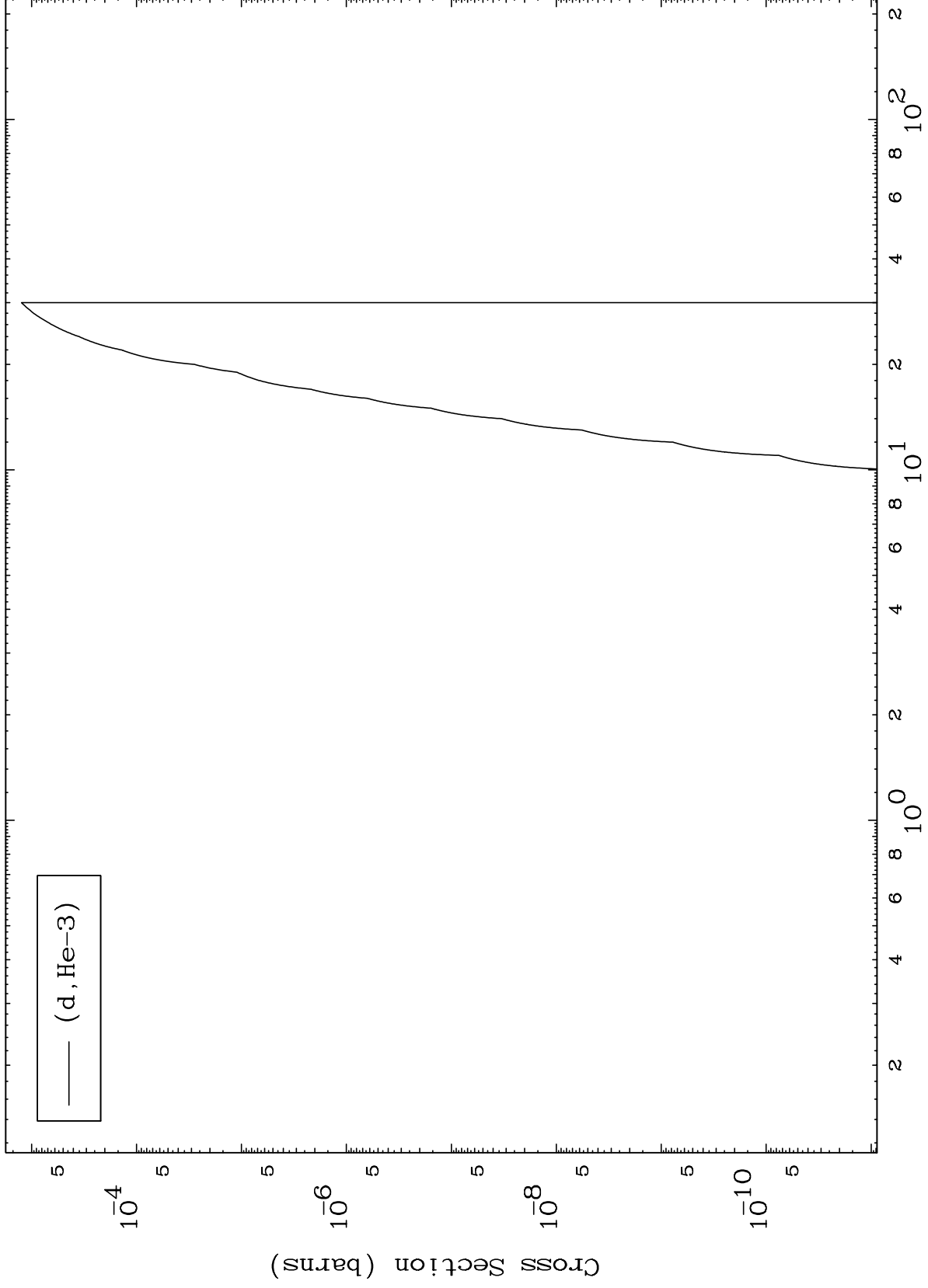


MAT 7713

(d,He3) Levels

77-Ir-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

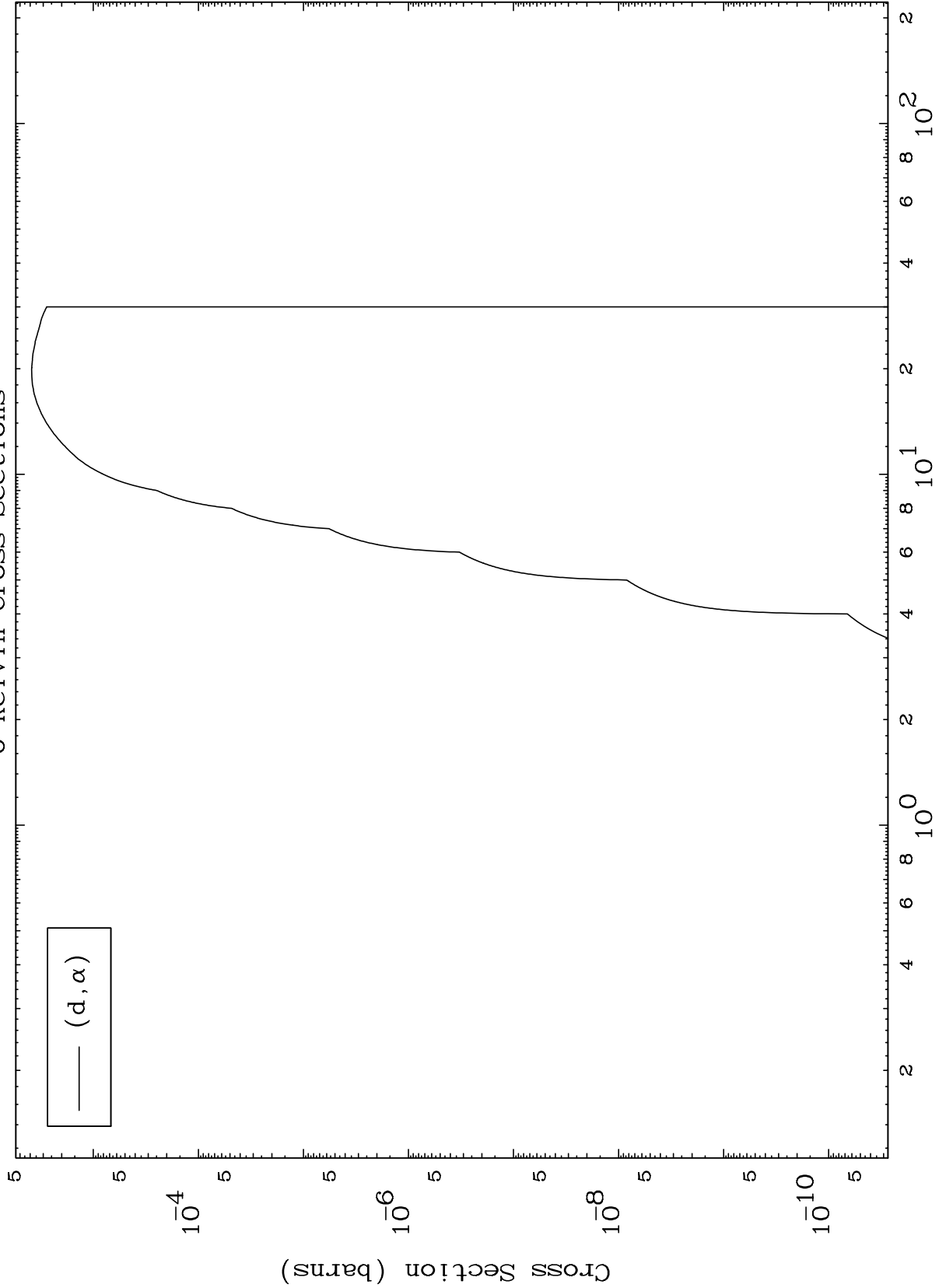
77-Ir-187

MAT 7713

(d,  $\alpha$ ) Levels

<sup>77</sup>Ir-187

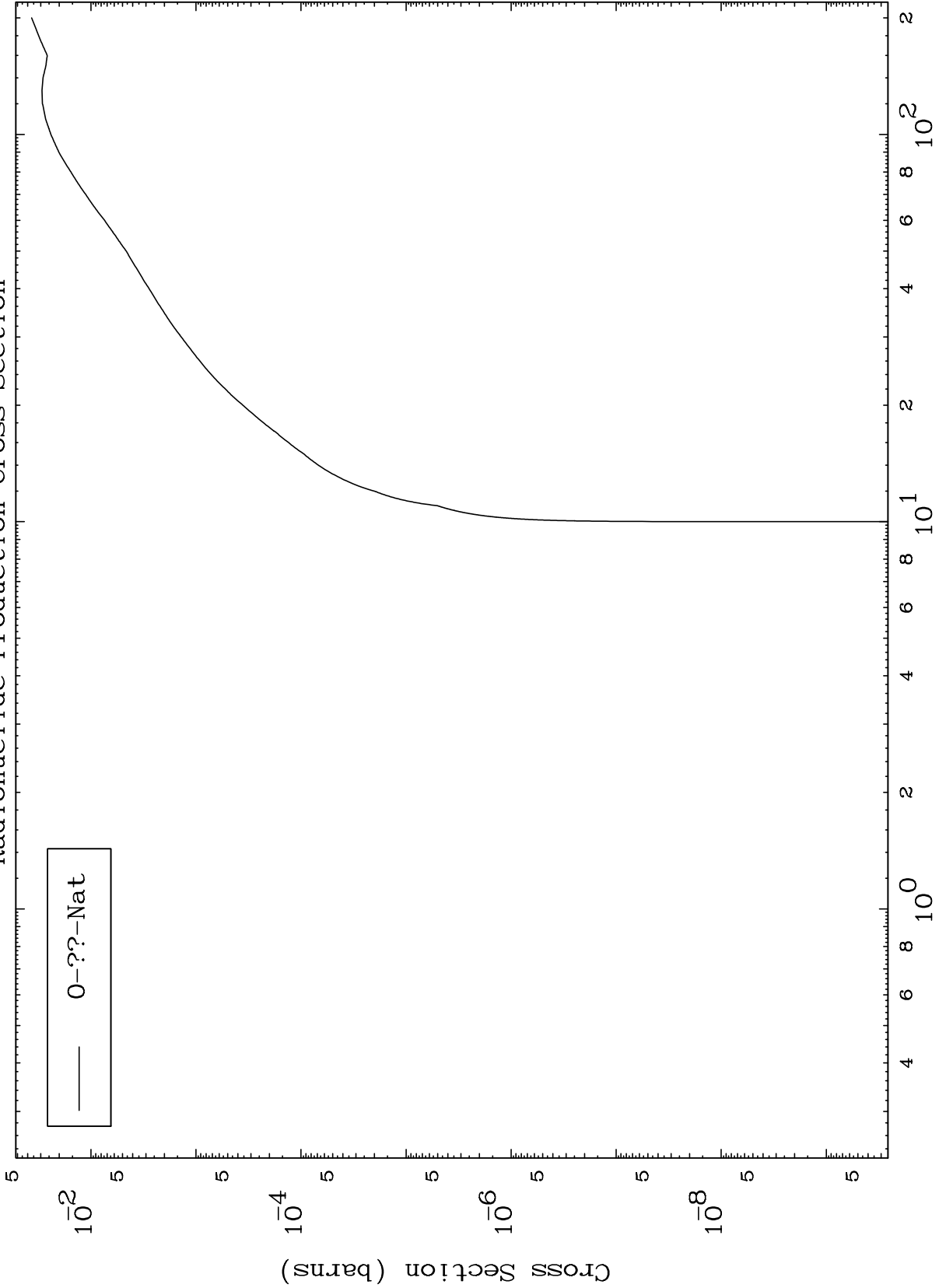
0 Kelvin Cross Sections



MAT 7713

77-Ir-187

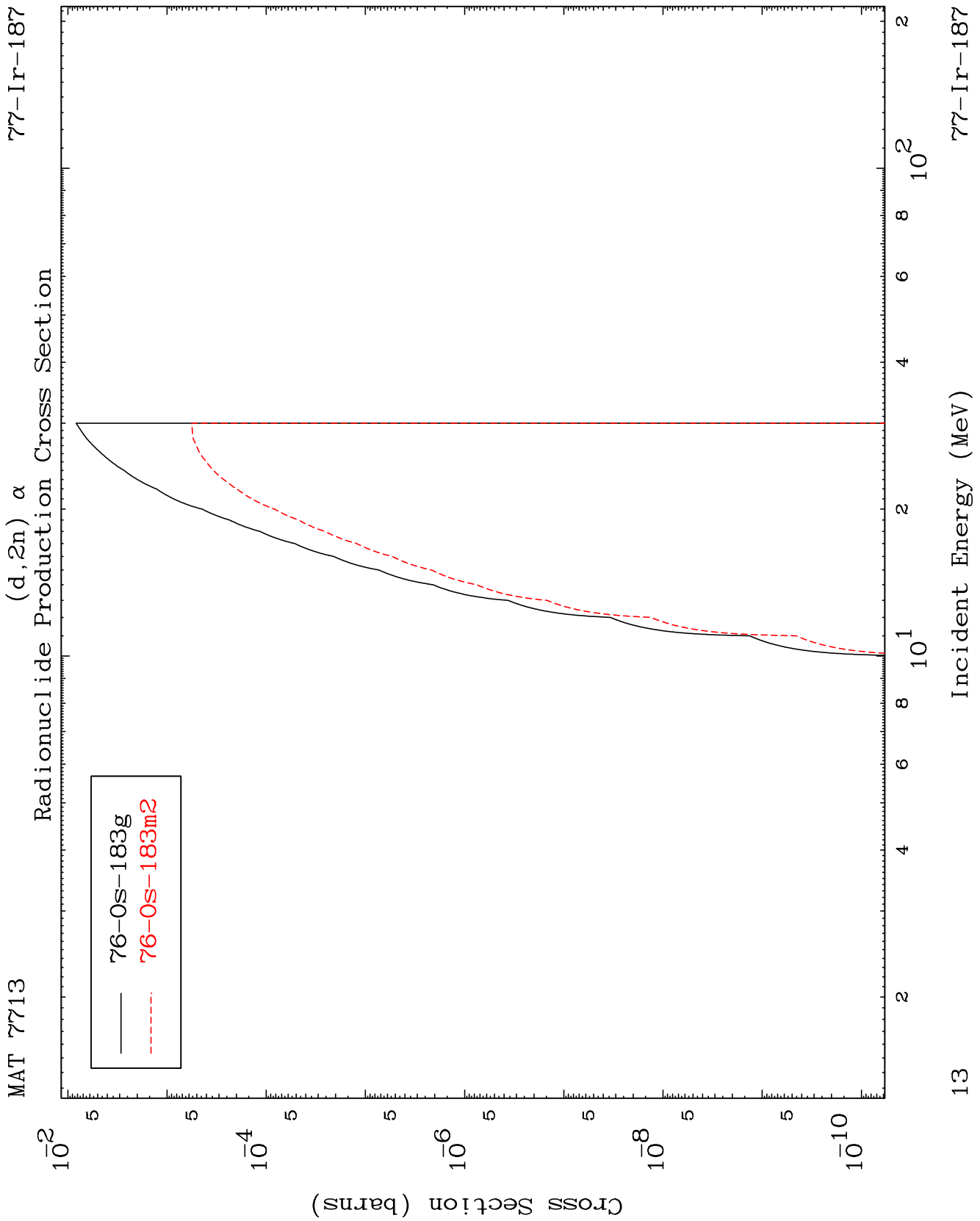
Deuteron Fission  
Radionuclide Production Cross Section



12

77-Ir-187

Incident Energy (MeV)

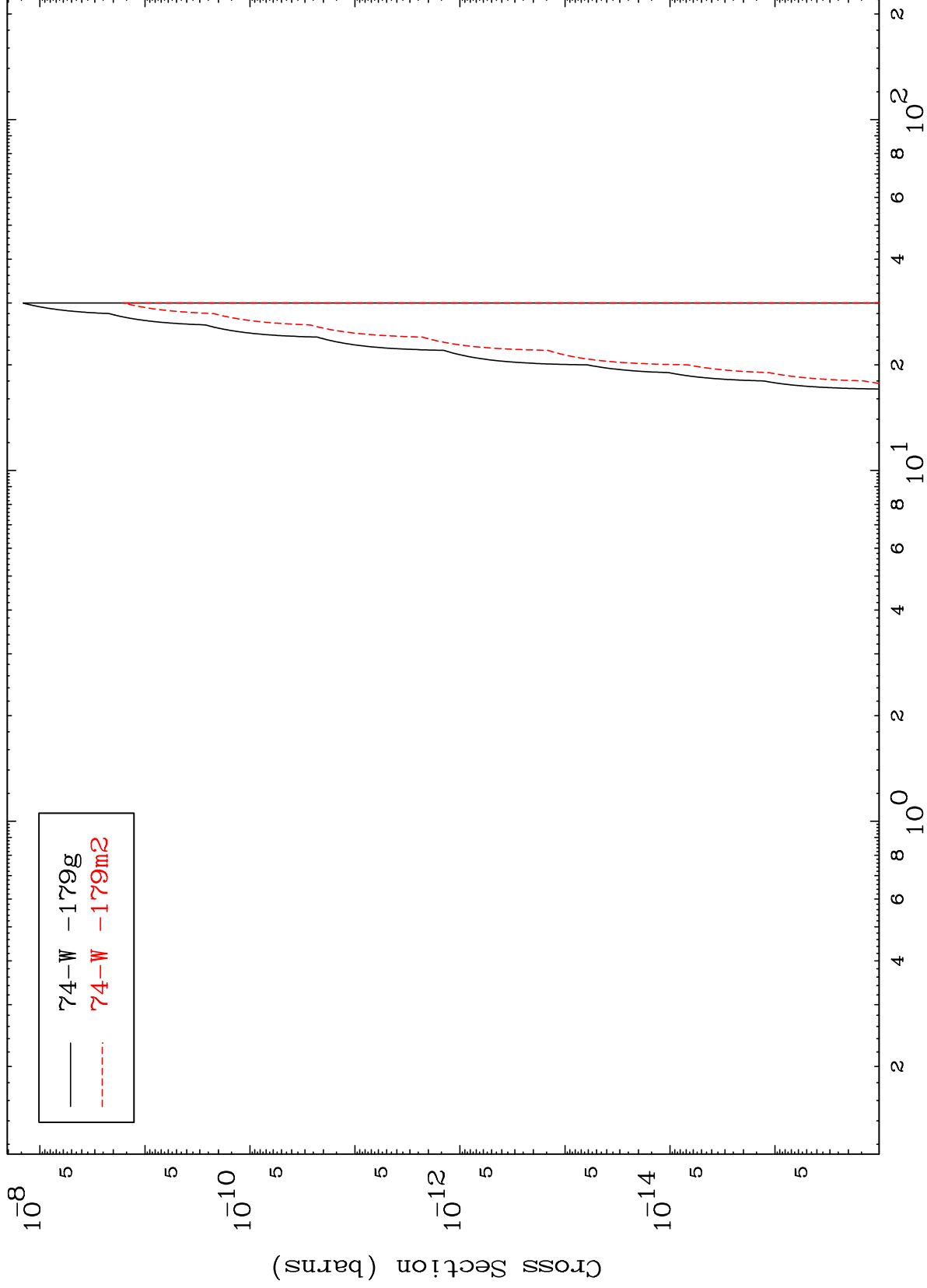


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(d,2n) 2 $\alpha$

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

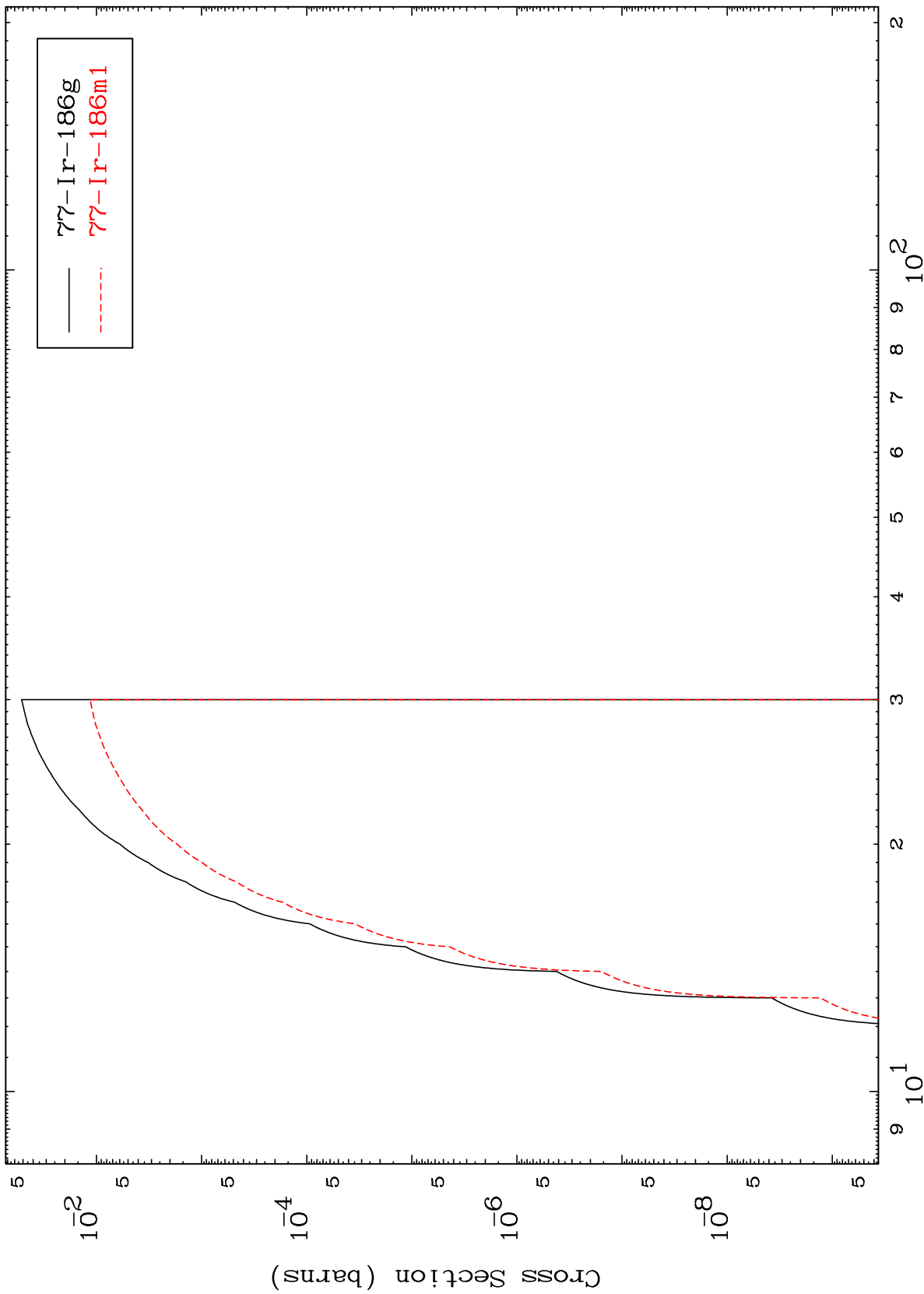
<sup>77</sup>Ir-187

MAT 7713

(d,n') d

77-Ir-187

Radionuclide Production Cross Section



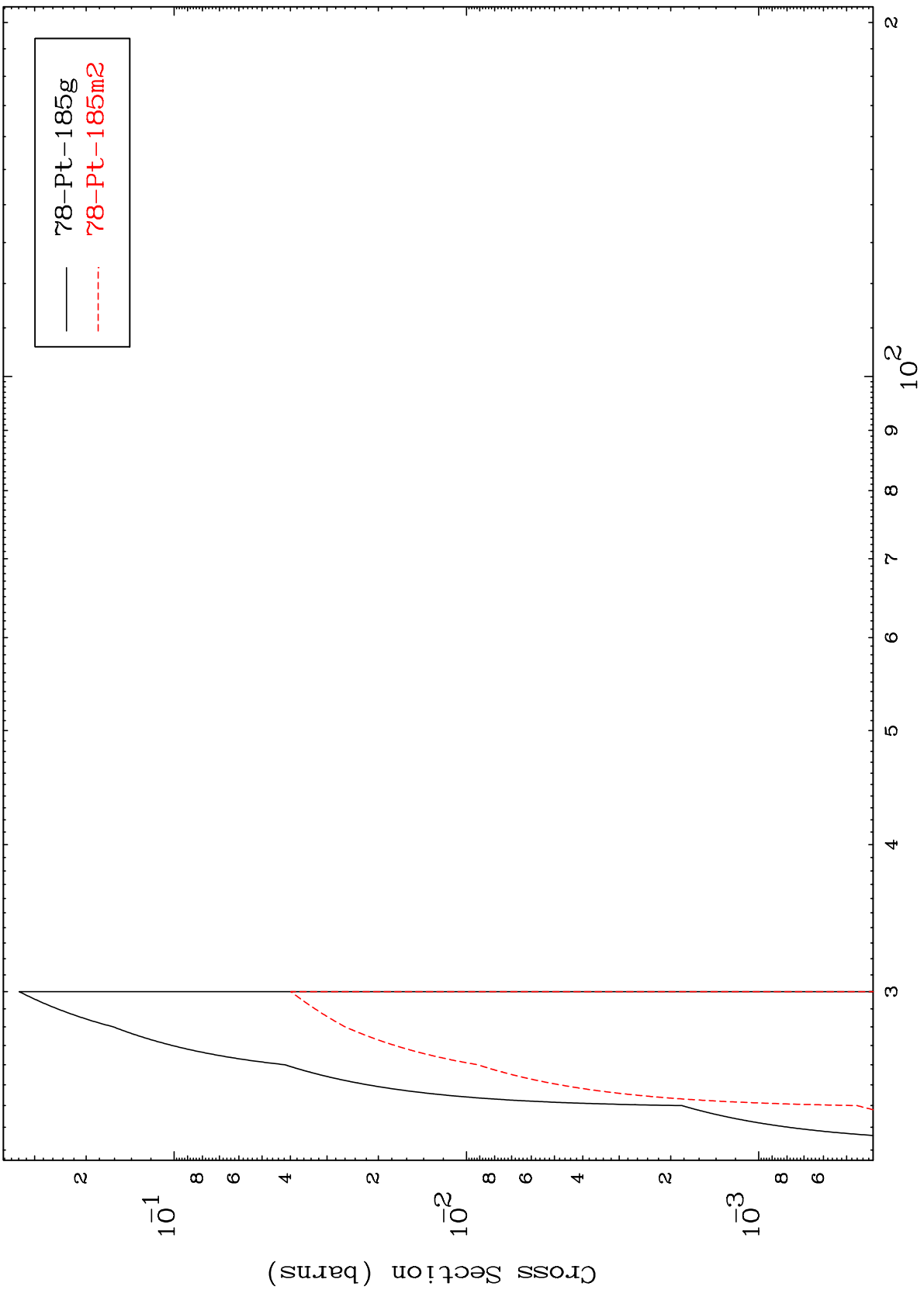
15

Incident Energy (MeV)

77-Ir-187



(d,4n)  
Radionuclide Production Cross Section

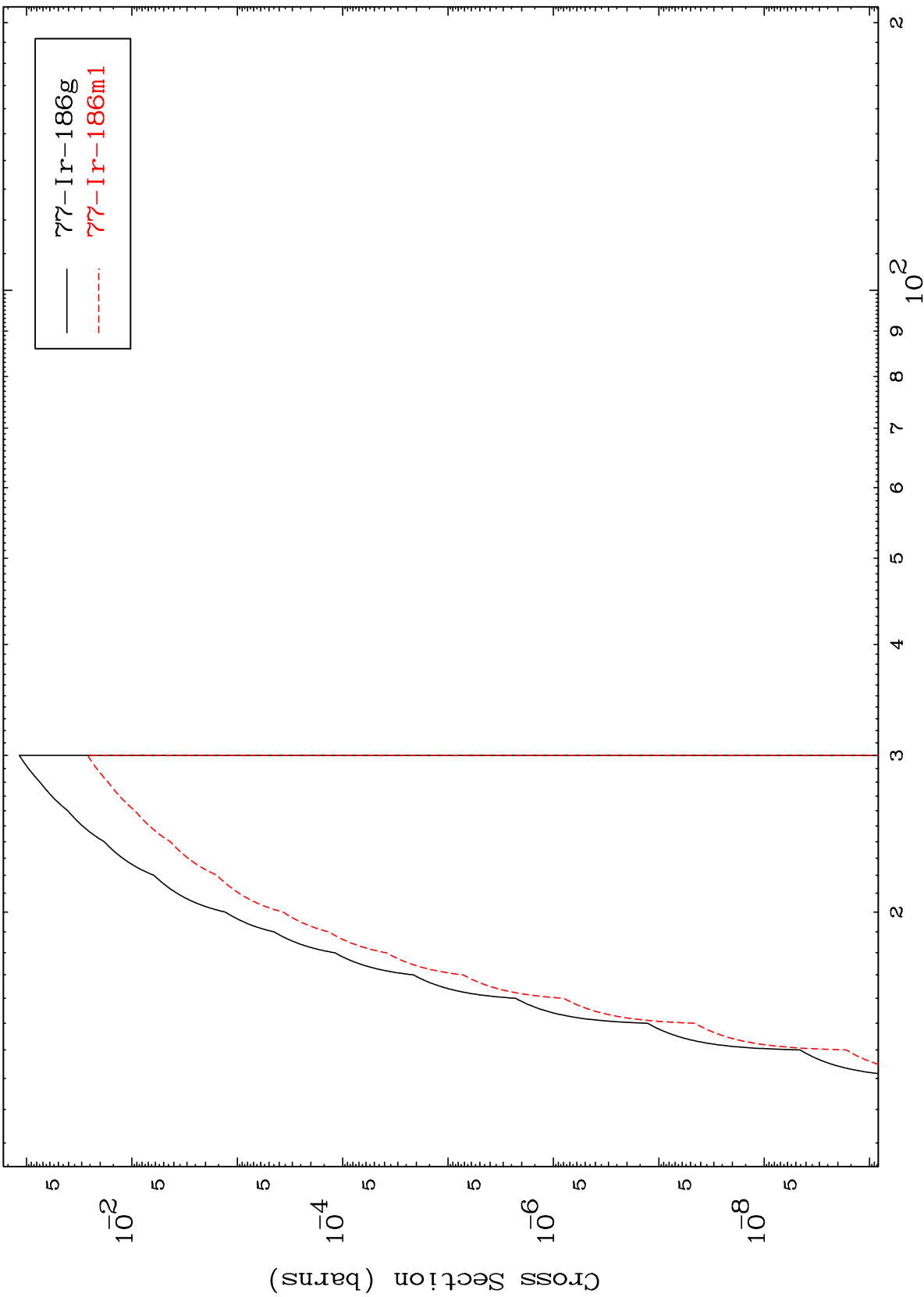


MAT 7713

(d,2n) p

<sup>77</sup>Ir-187

Radionuclide Production Cross Section



— <sup>77</sup>Ir-186g  
- - - <sup>77</sup>Ir-186m1

17

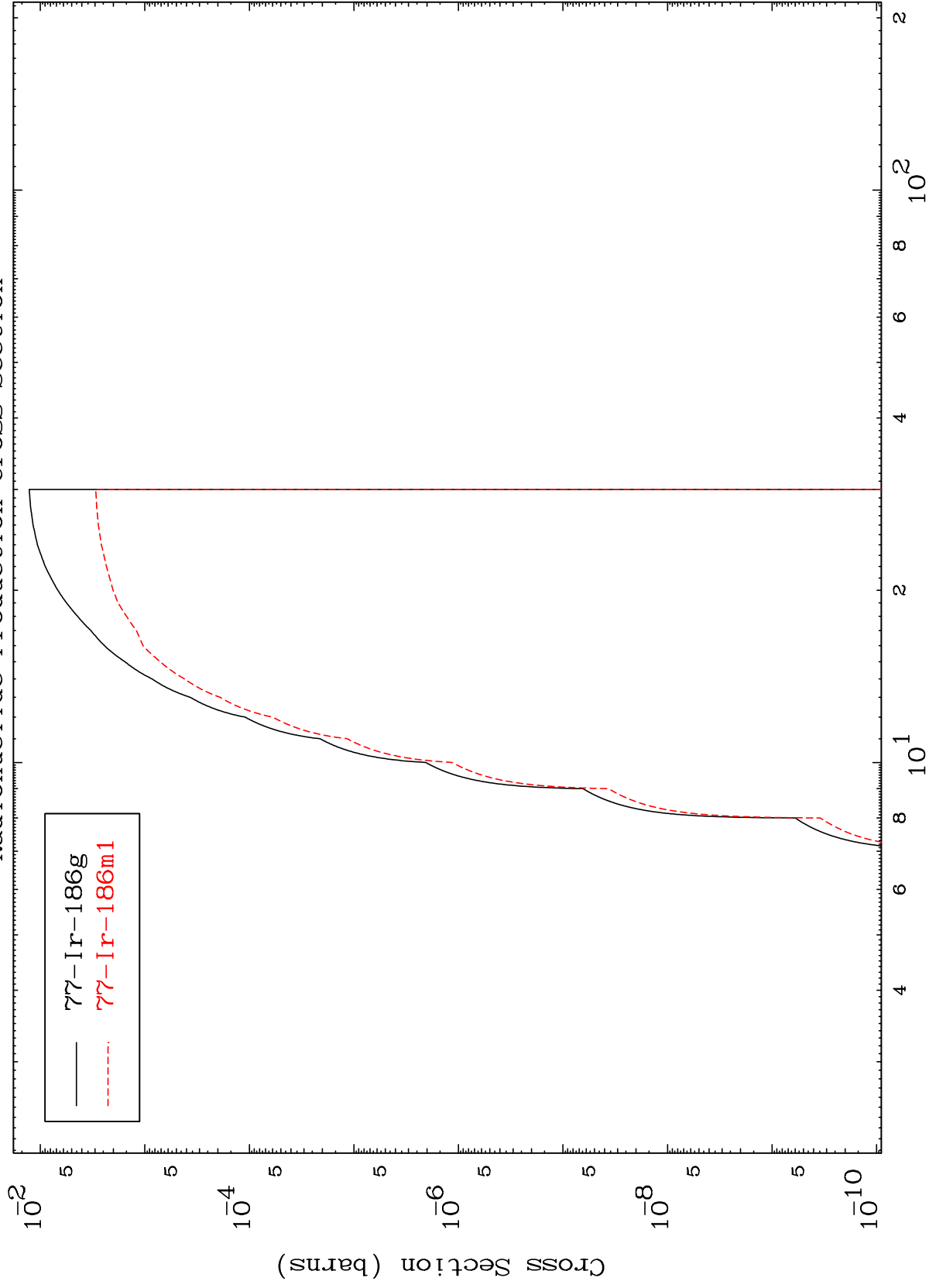
Incident Energy (MeV)

<sup>77</sup>Ir-187

MAT 7713

<sup>77</sup>Ir-187

(d, t)  
Radionuclide Production Cross Section



<sup>77</sup>Ir-187

Incident Energy (MeV)

18

MAT 7713

(d,p)  $\alpha$

77-Ir-187

Radionuclide Production Cross Section

