

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

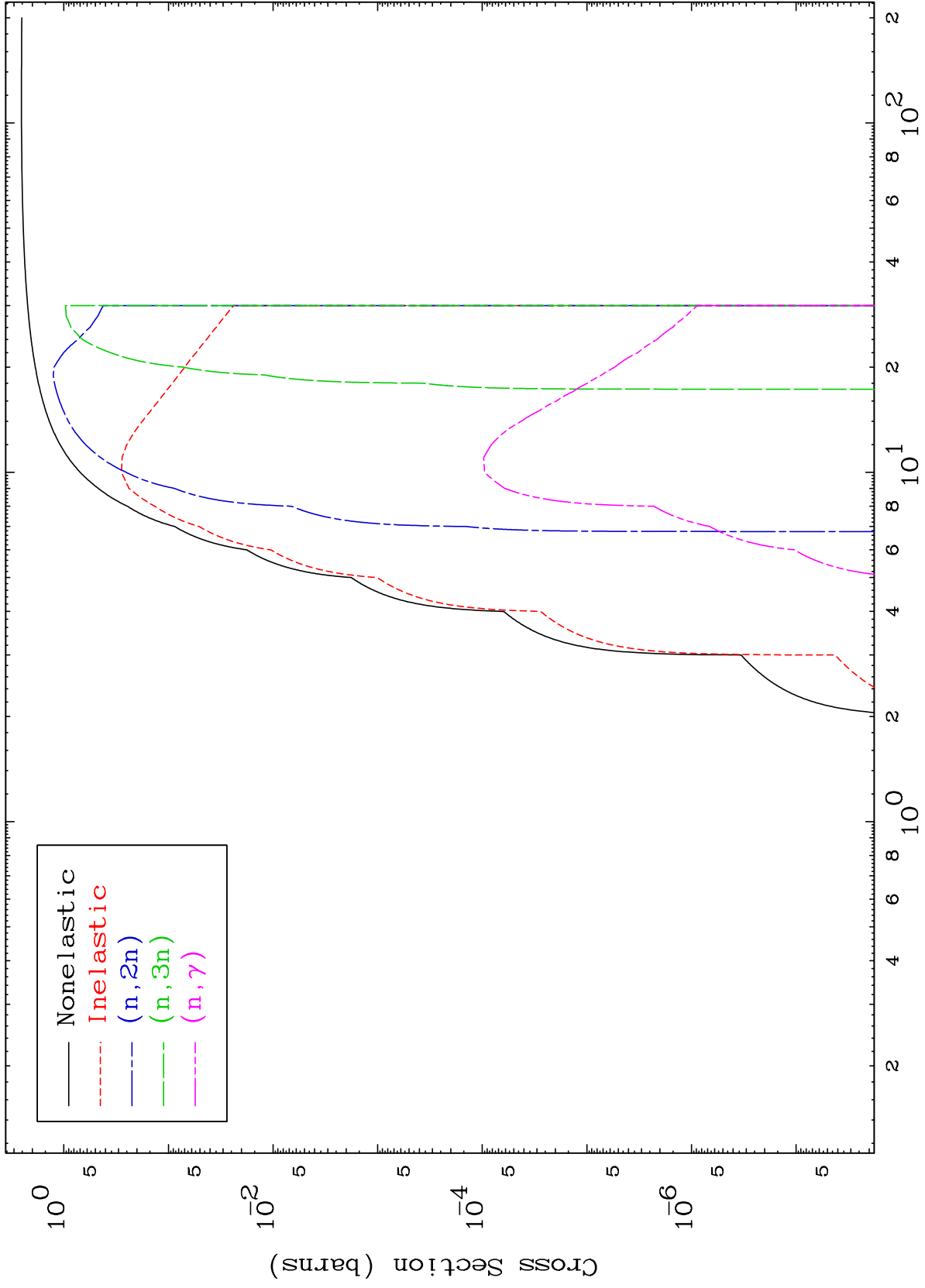
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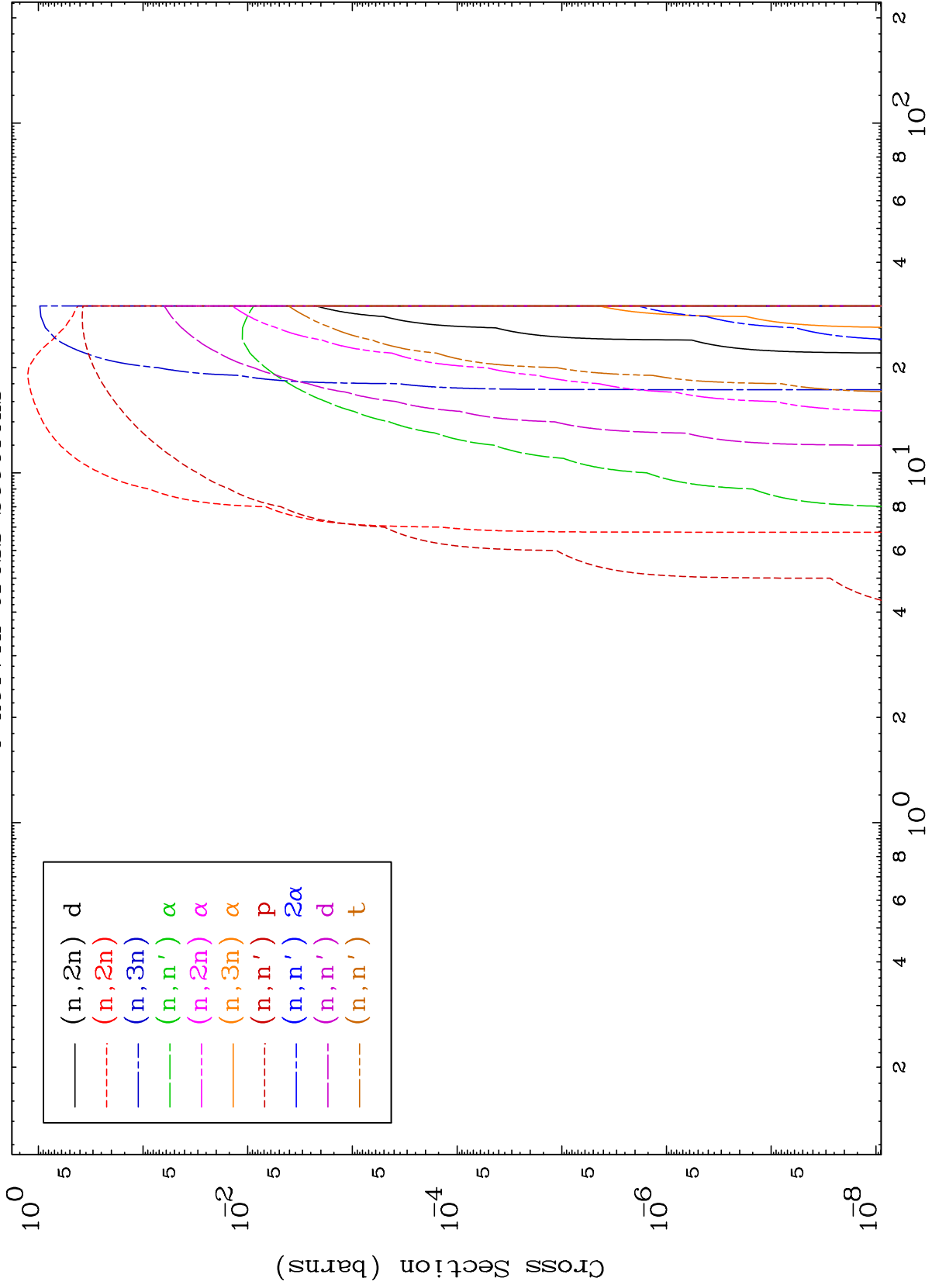
Press Mouse Button to Start

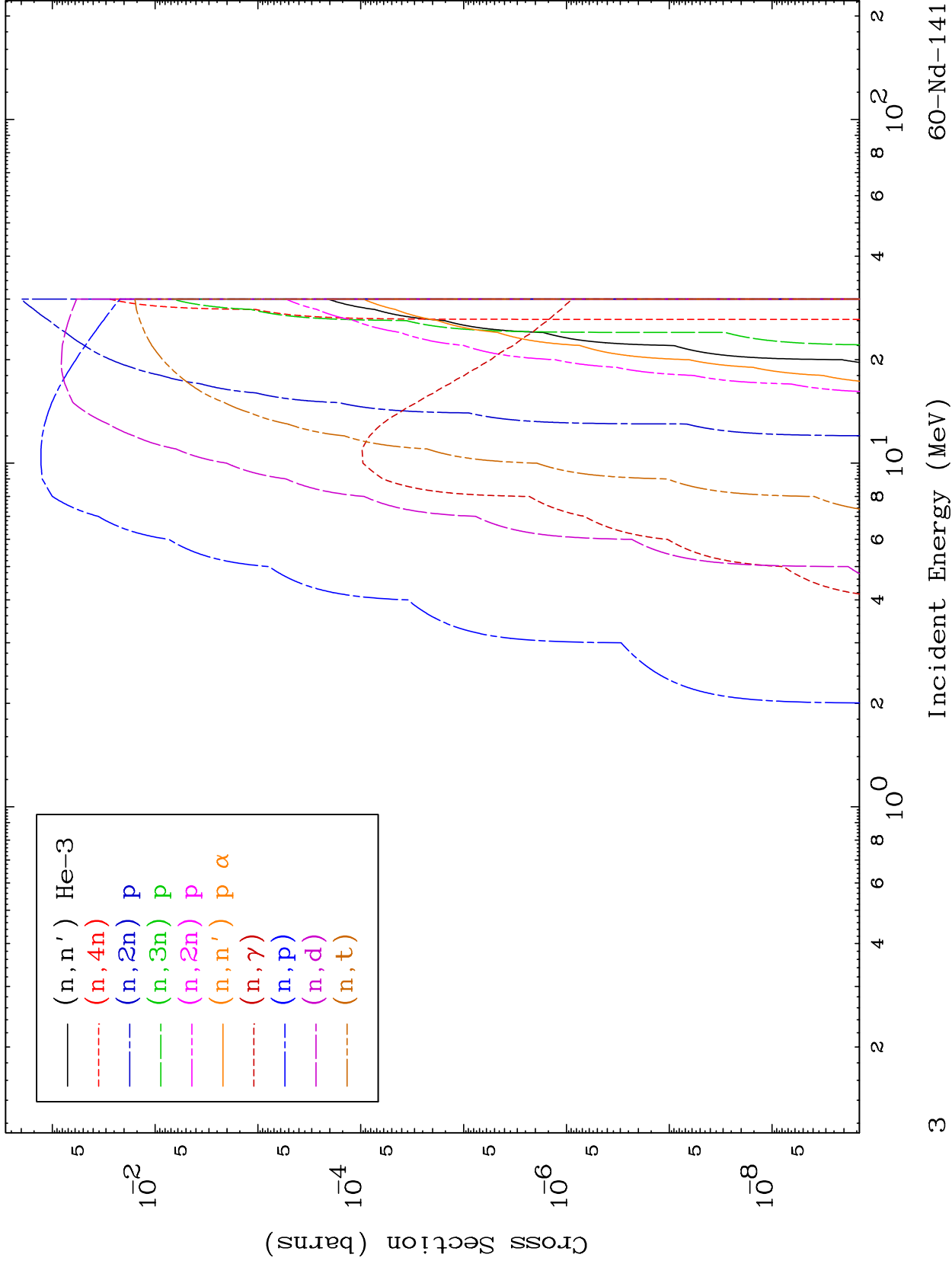


MAT 6022

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-141

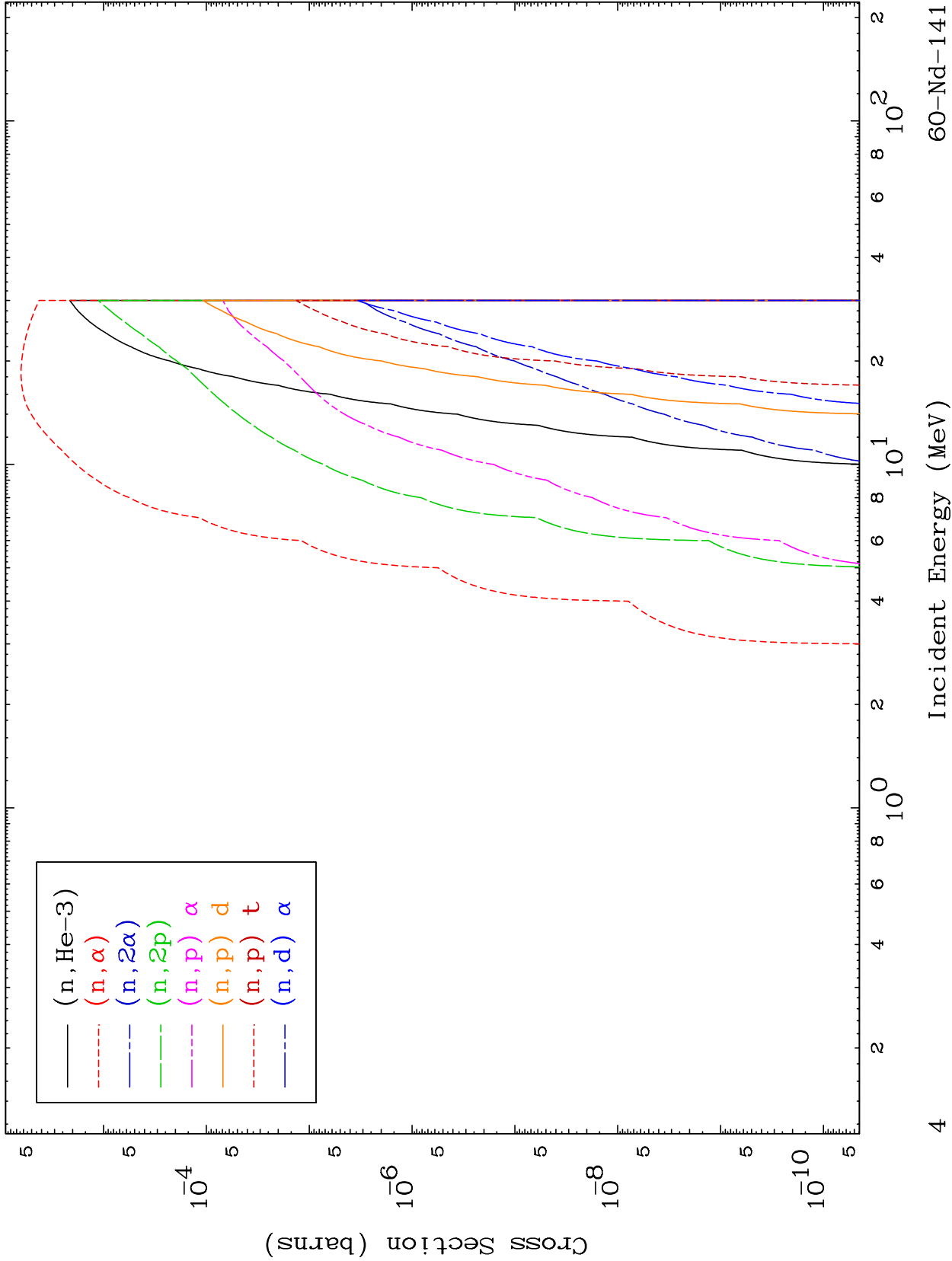




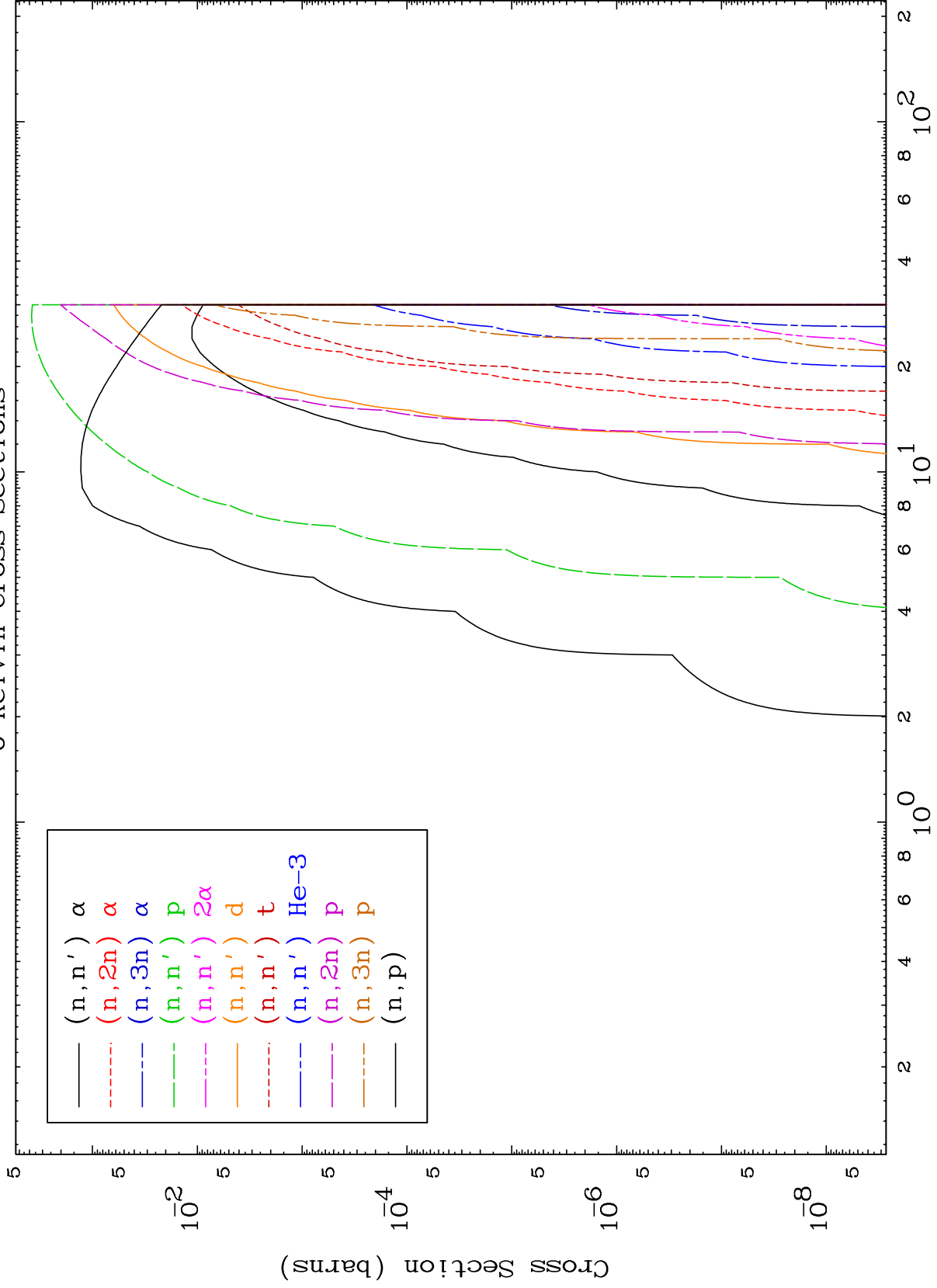
MAT 6022

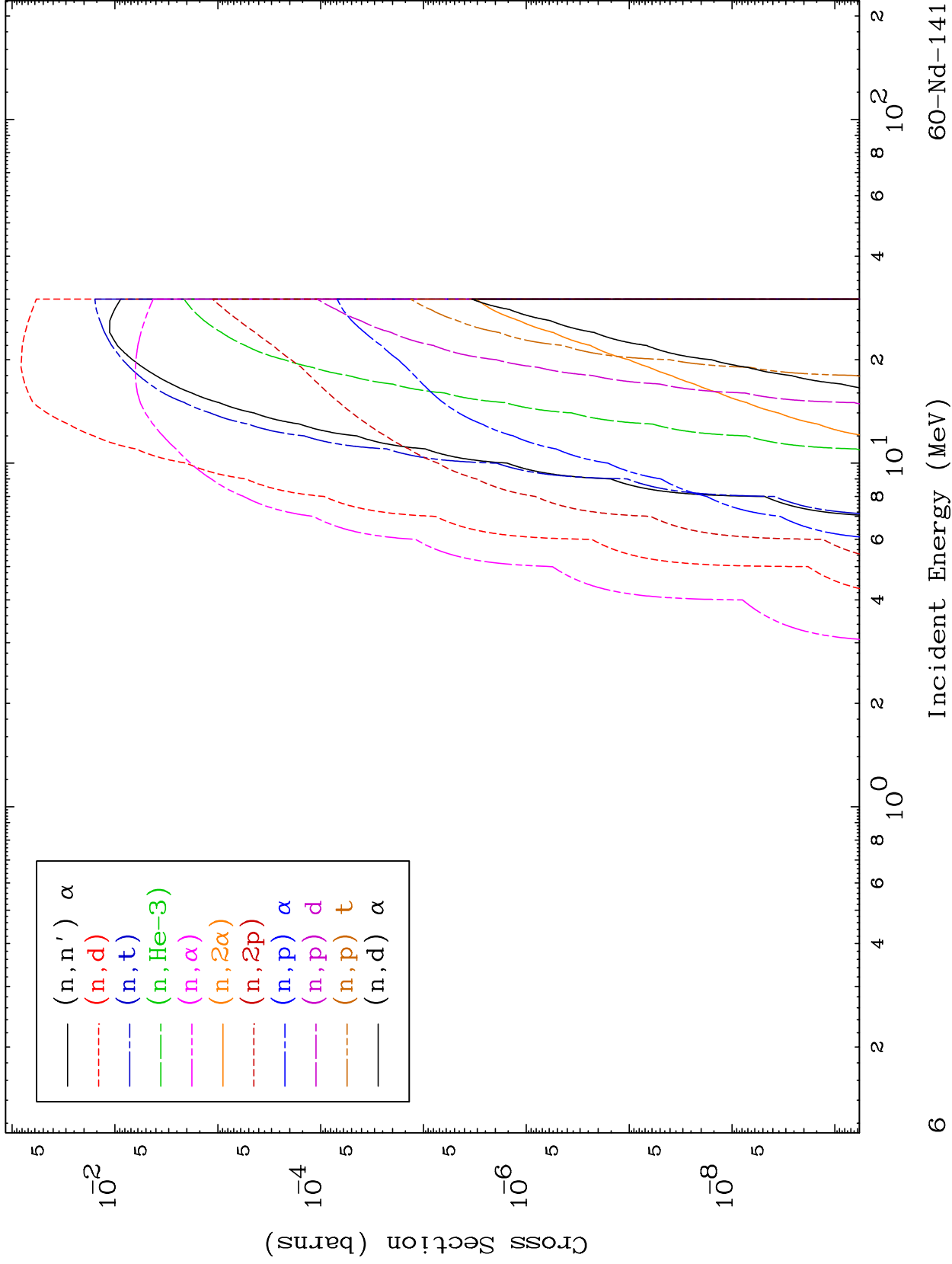
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-141



60-Nd-141



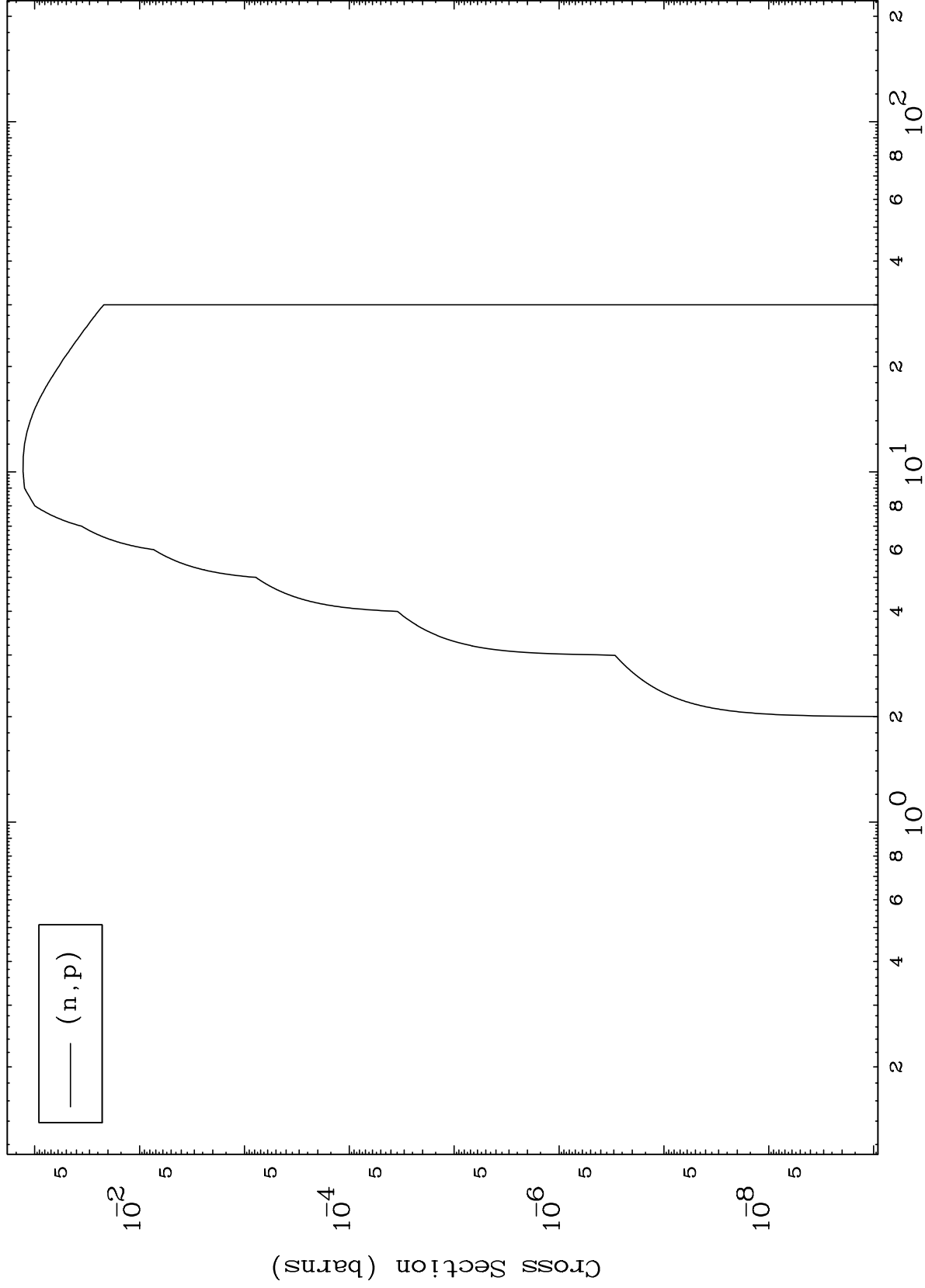


MAT 6022

(d,p) Levels

60-Nd-141

0 Kelvin Cross Sections

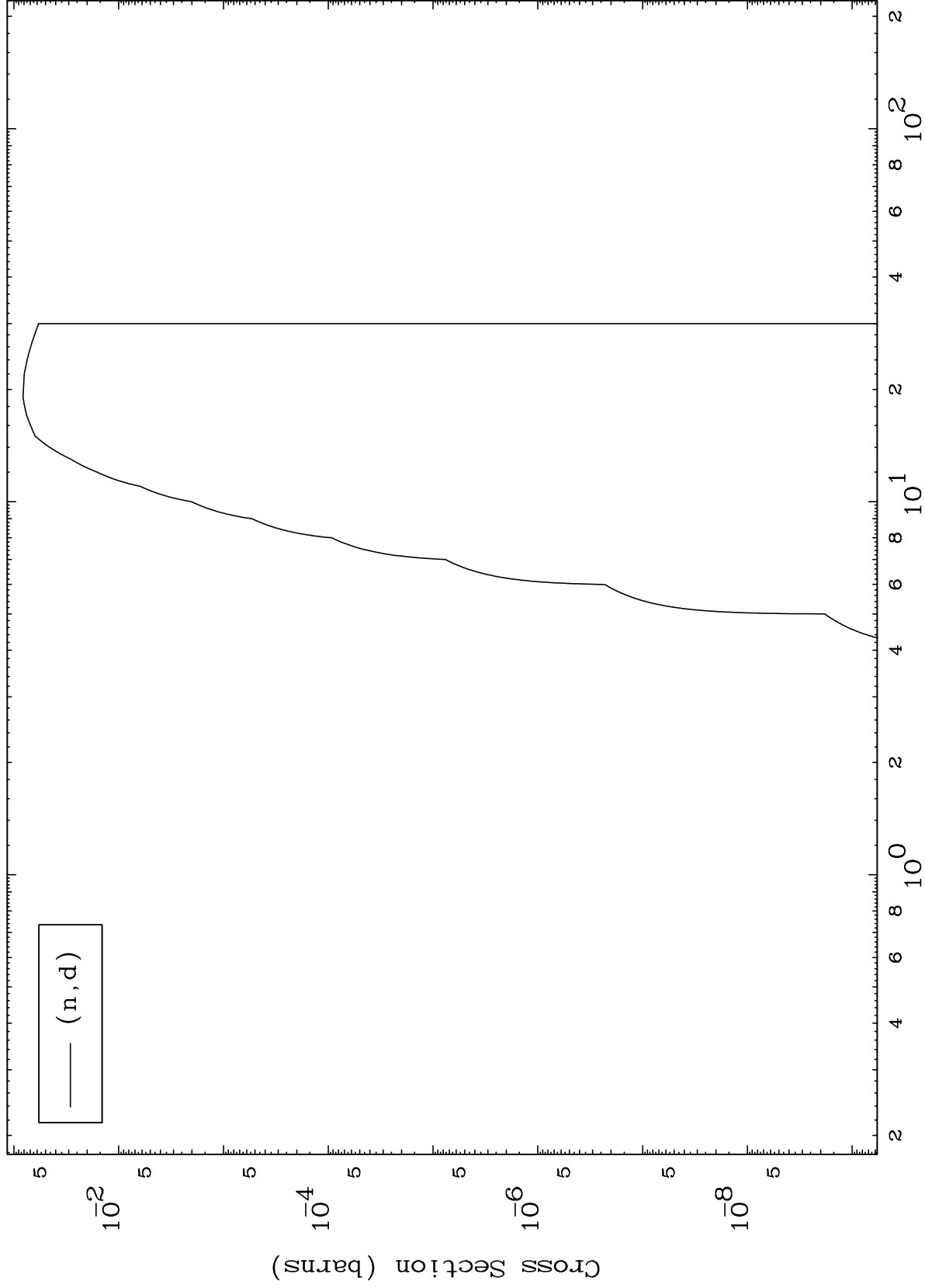


MAT 6022

(d,d) Levels

60-Nd-141

0 Kelvin Cross Sections



8

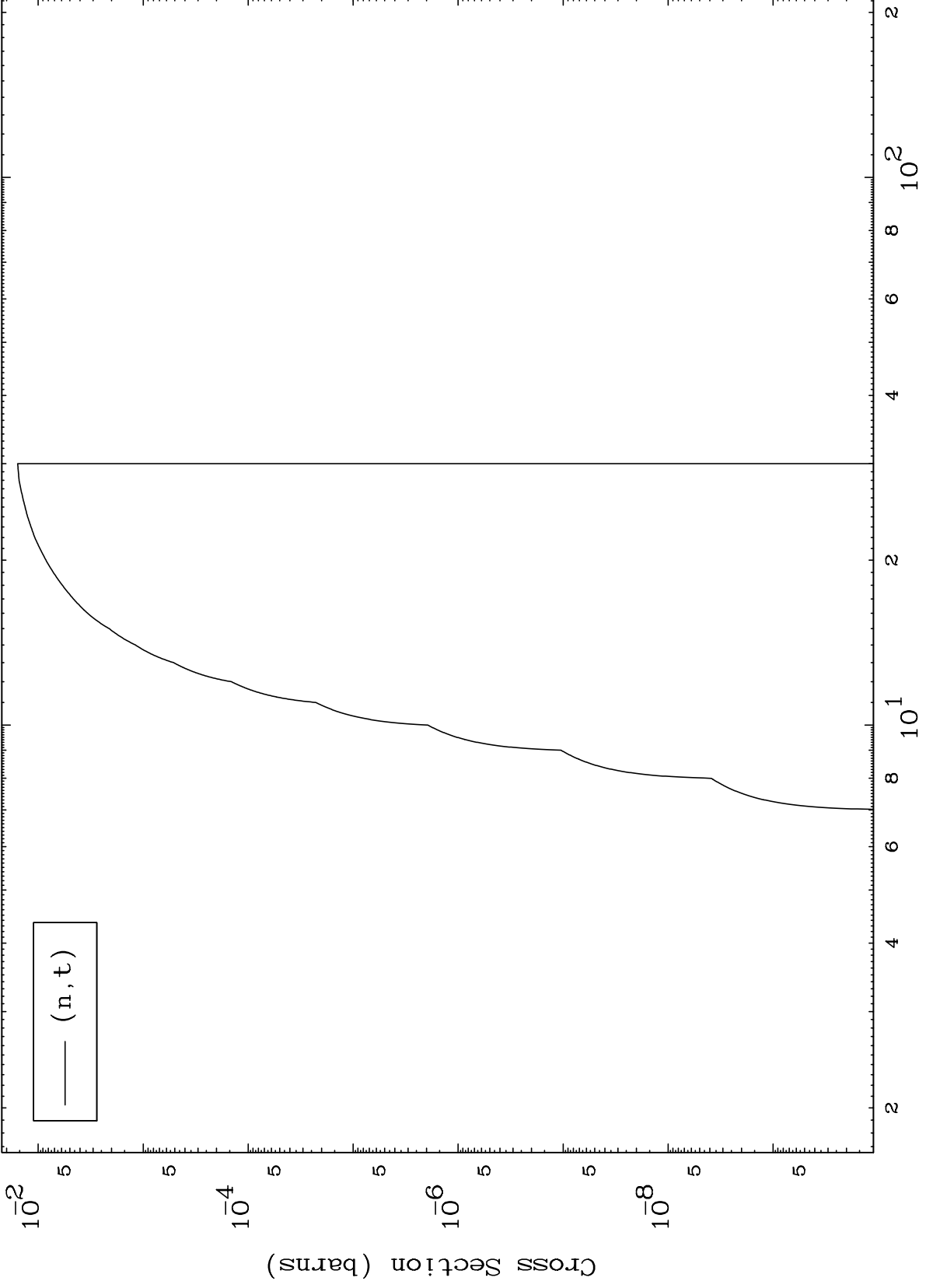
Incident Energy (MeV)

60-Nd-141

MAT 6022

60-Nd-141

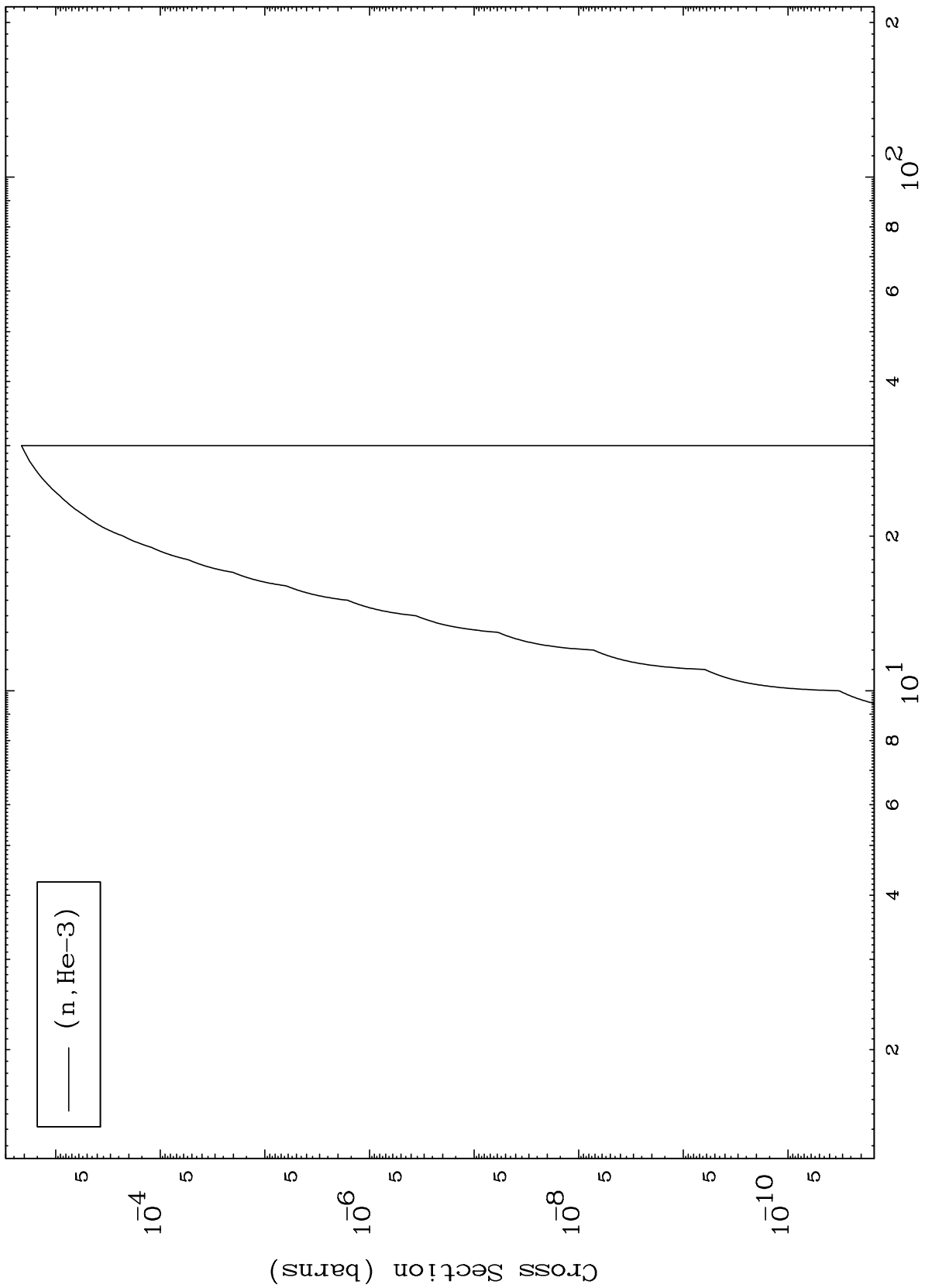
(d,t) Levels  
0 Kelvin Cross Sections



MAT 6022

60-Nd-141

(d,He3) Levels  
0 Kelvin Cross Sections



10

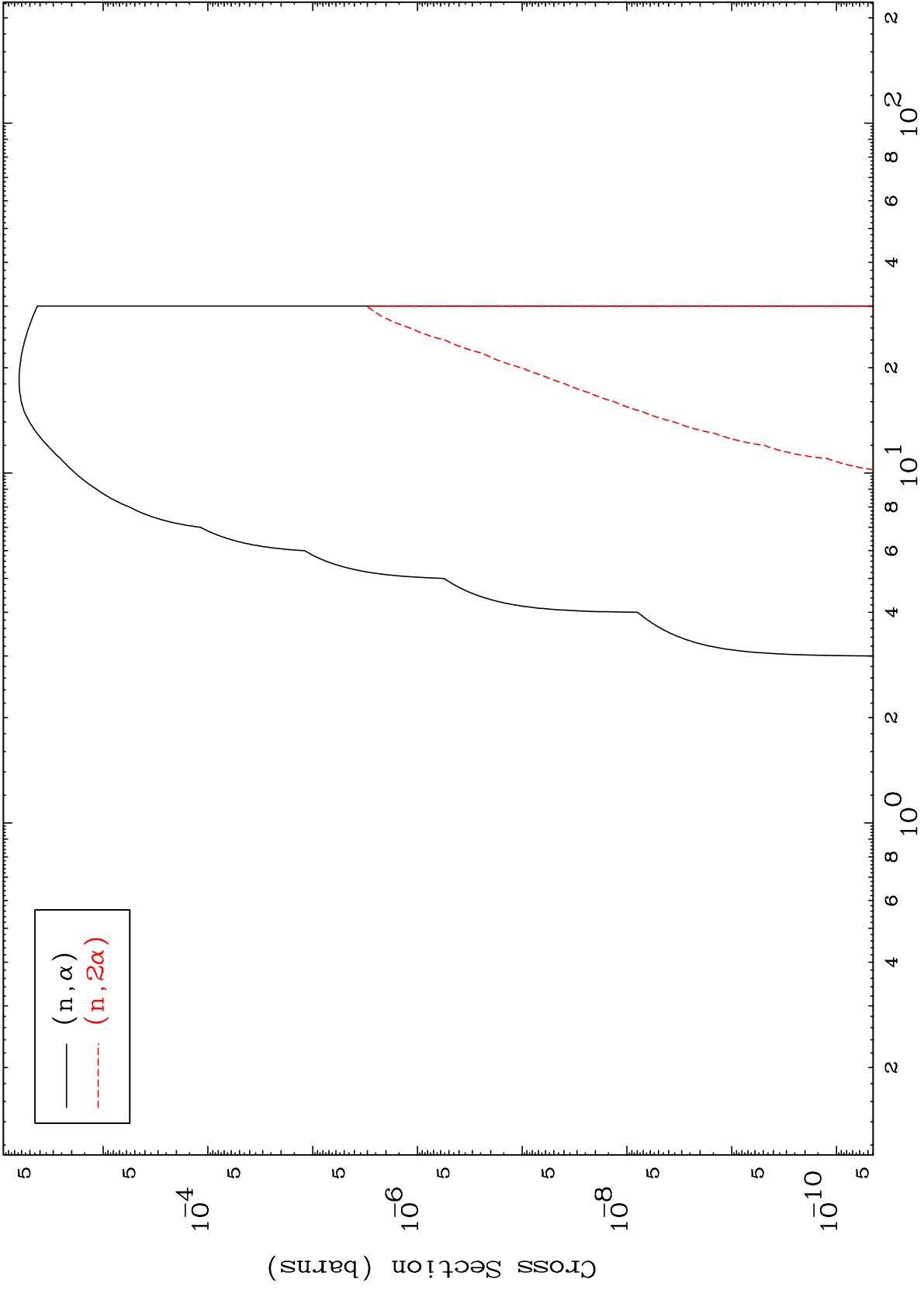
60-Nd-141

Incident Energy (MeV)

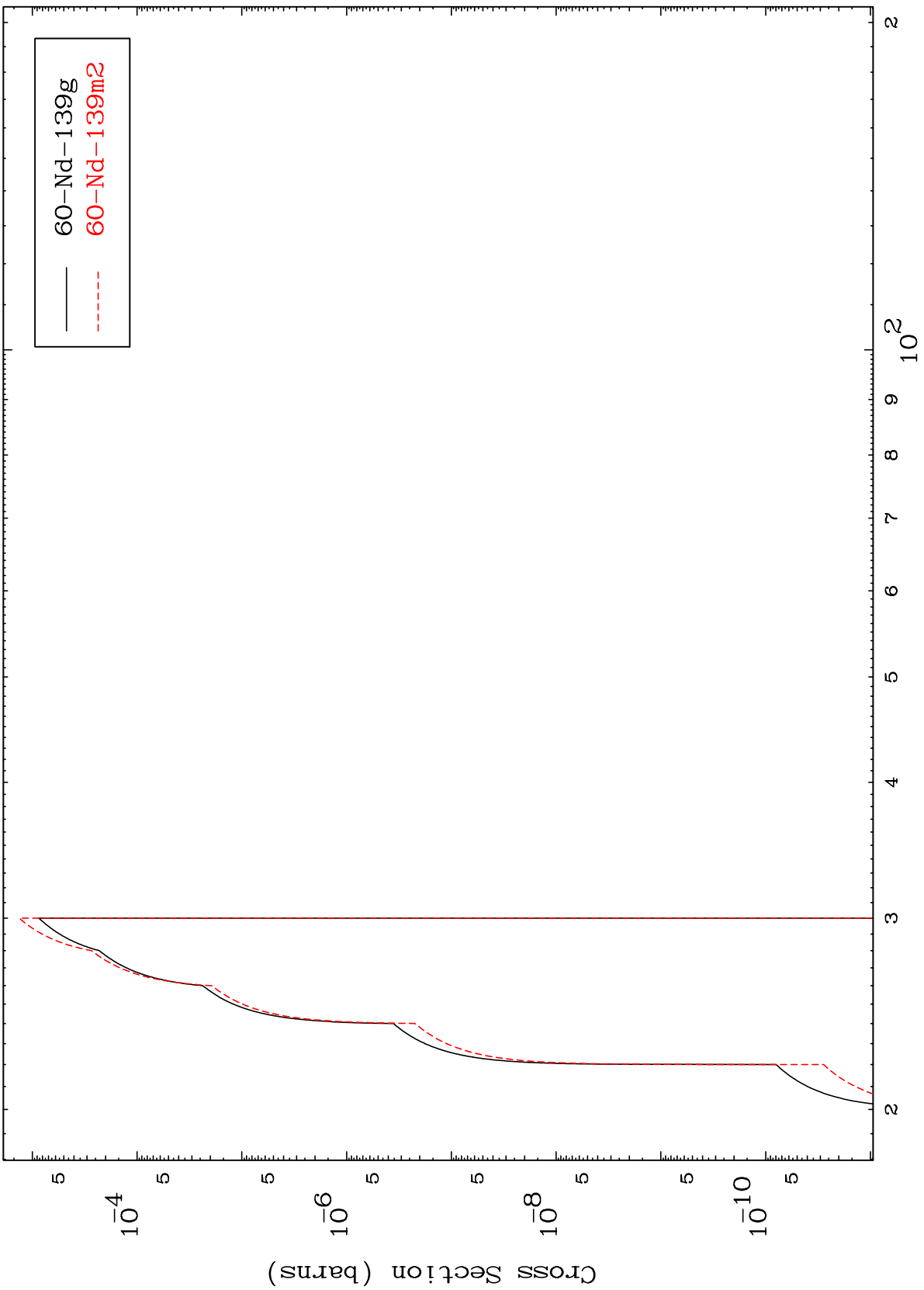
MAT 6022

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

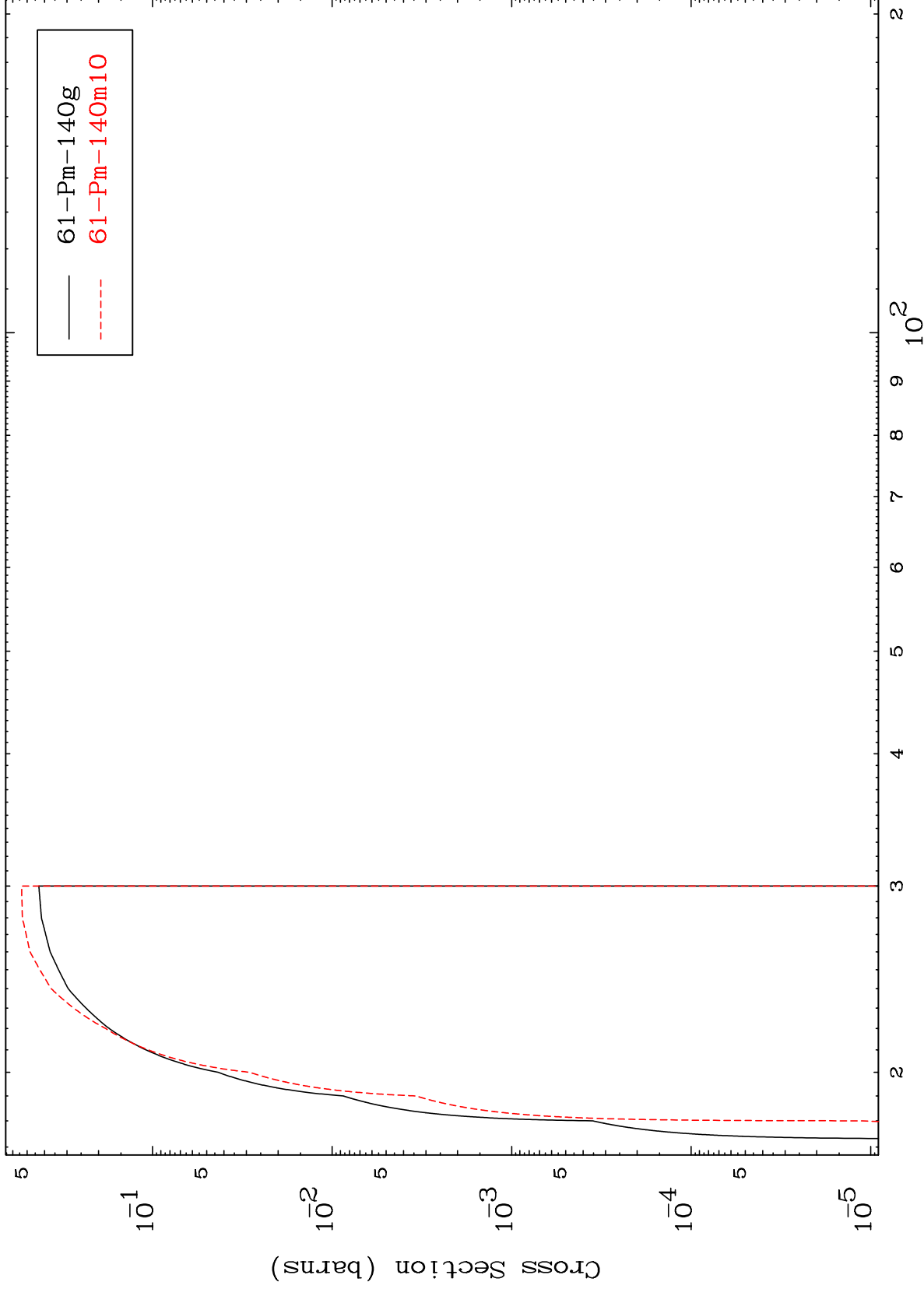
60-Nd-141

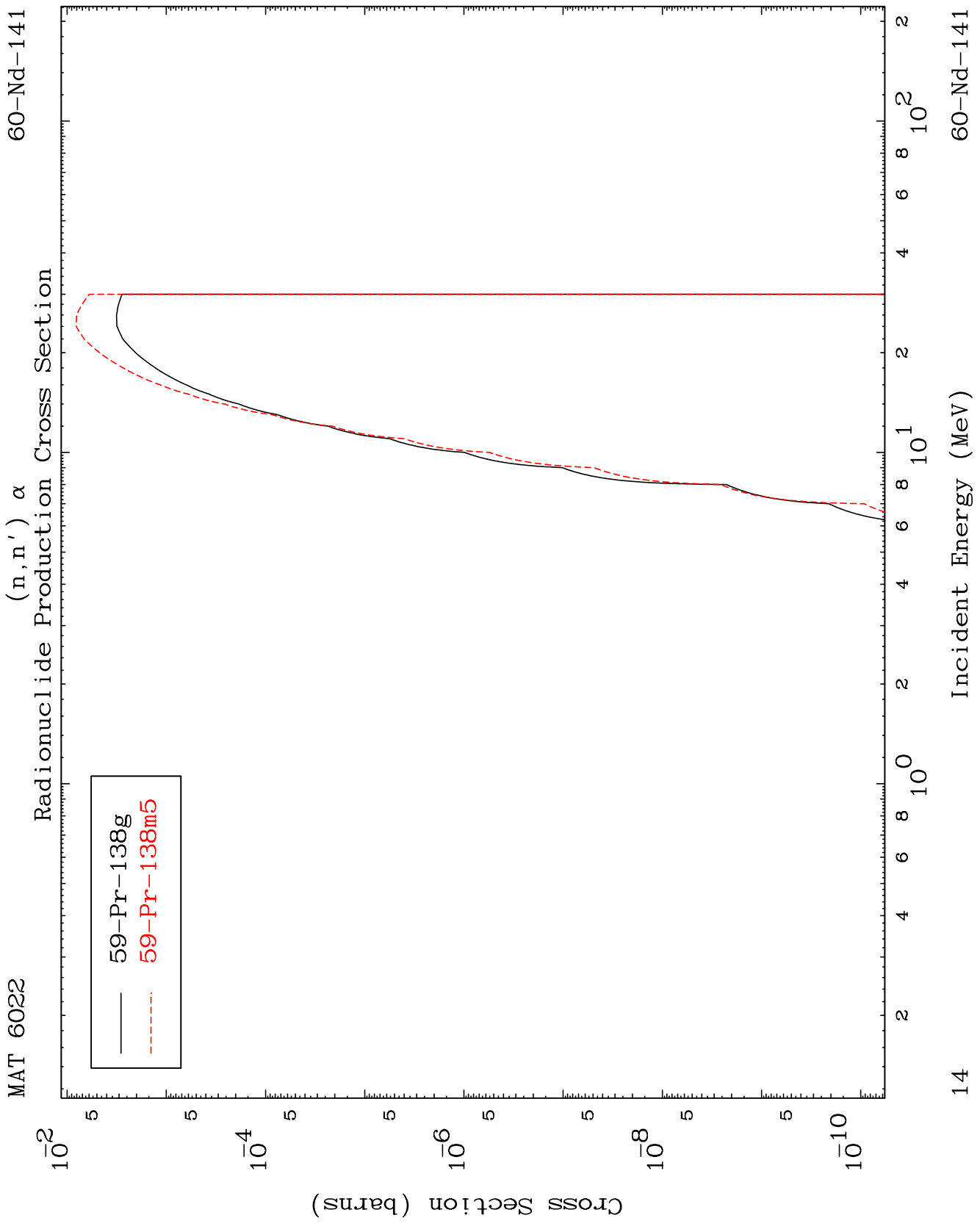


Radionuclide Production Cross Section



Radionuclide Production Cross Section



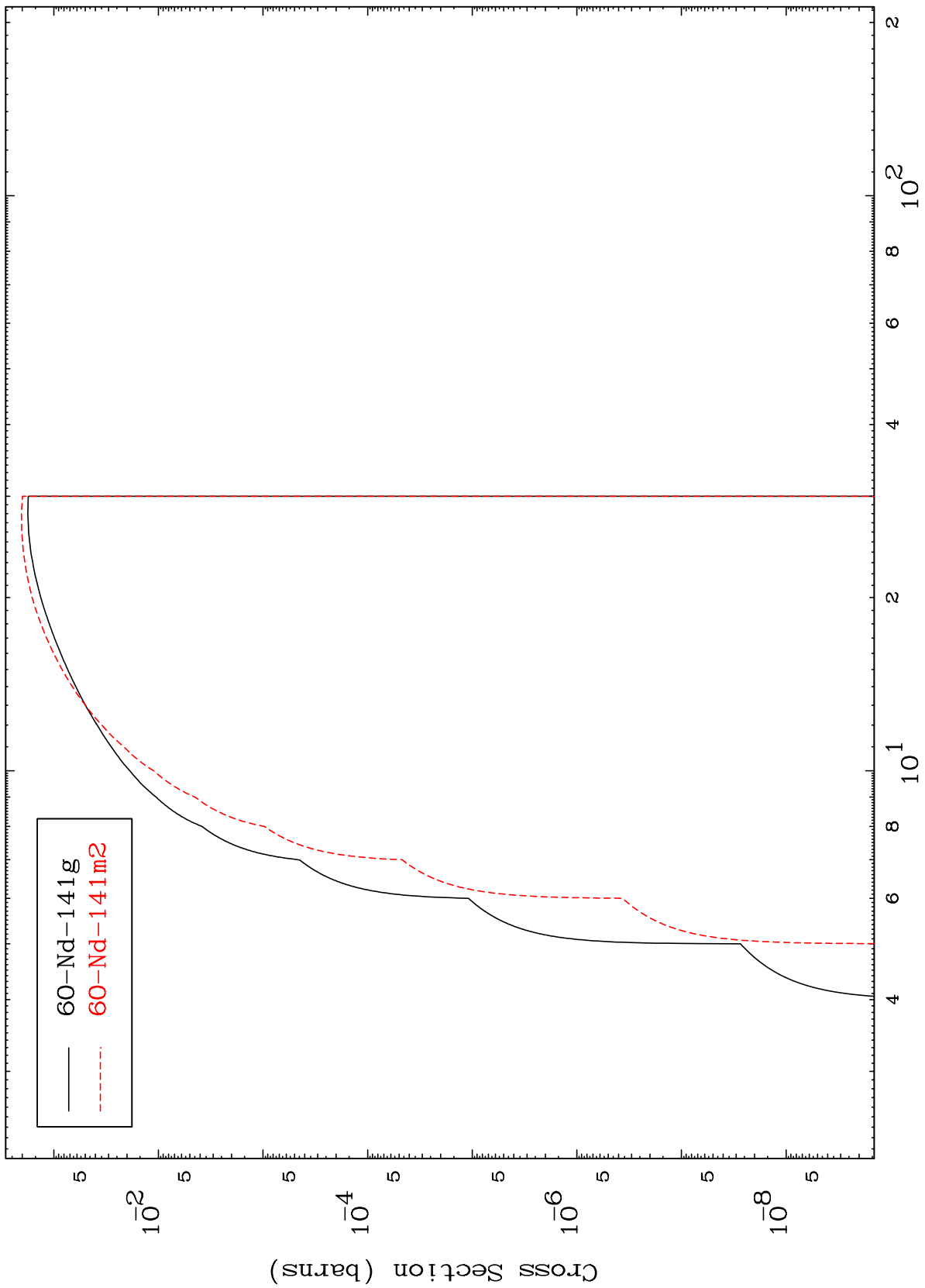


MAT 6022

(n,n') p

<sup>60</sup>Nd-141

Radionuclide Production Cross Section



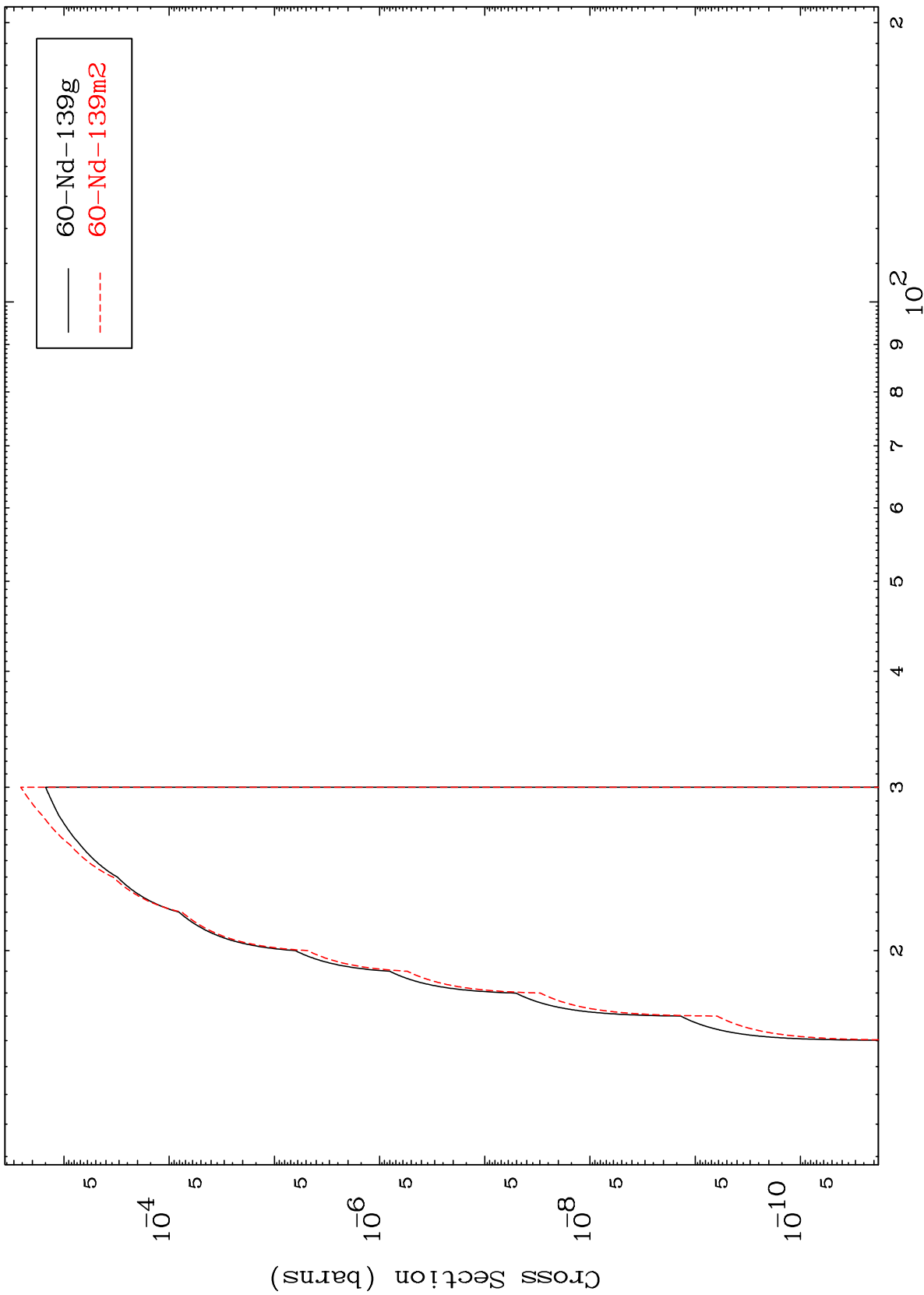
— 60-Nd-141 g  
- - - 60-Nd-141 m2

MAT 6022

(n,n') t

60-Nd-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

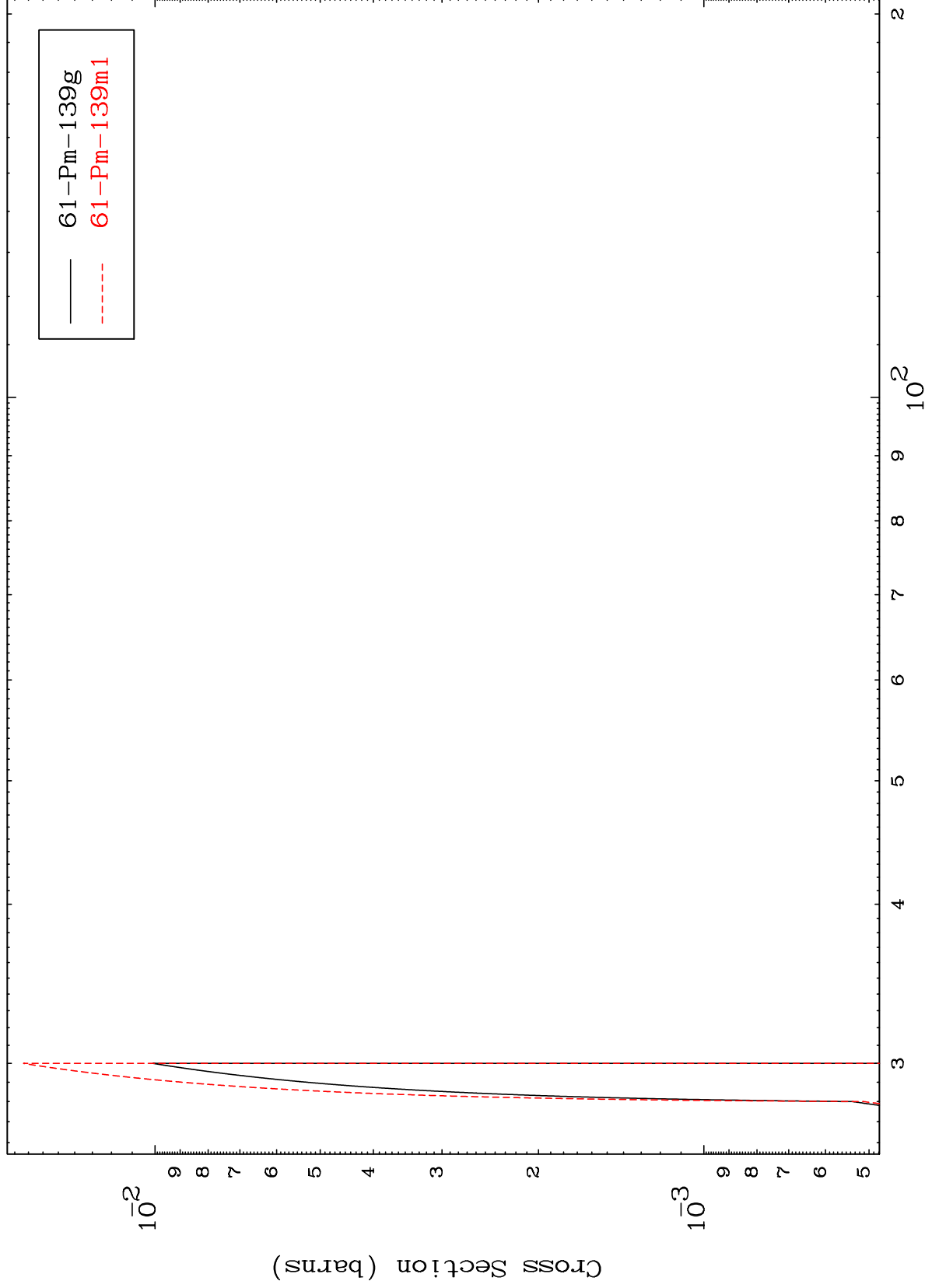
60-Nd-141

MAT 6022

(n,4n)

60-Nd-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

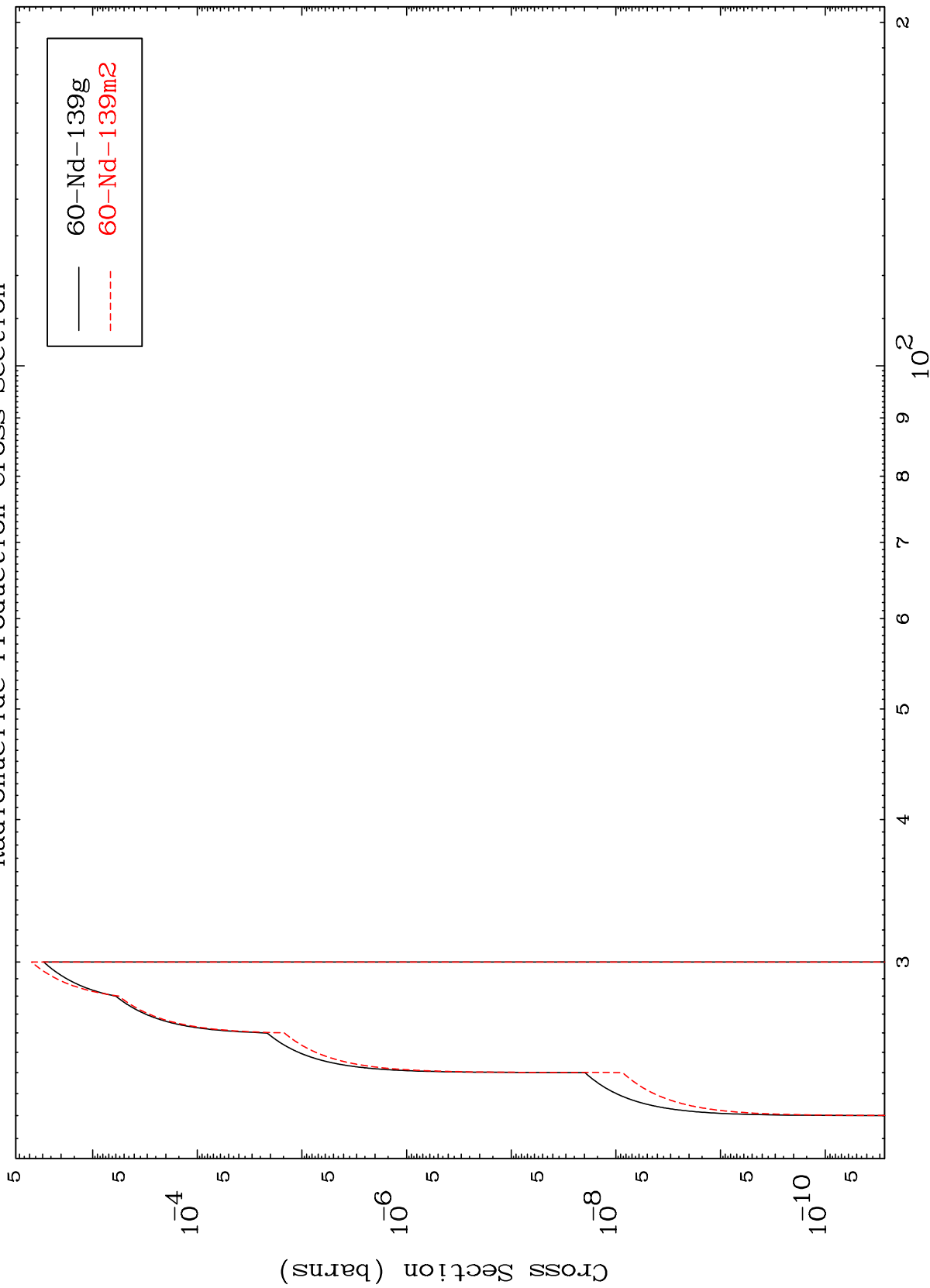
60-Nd-141

MAT 6022

(n,3n) p

60-Nd-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

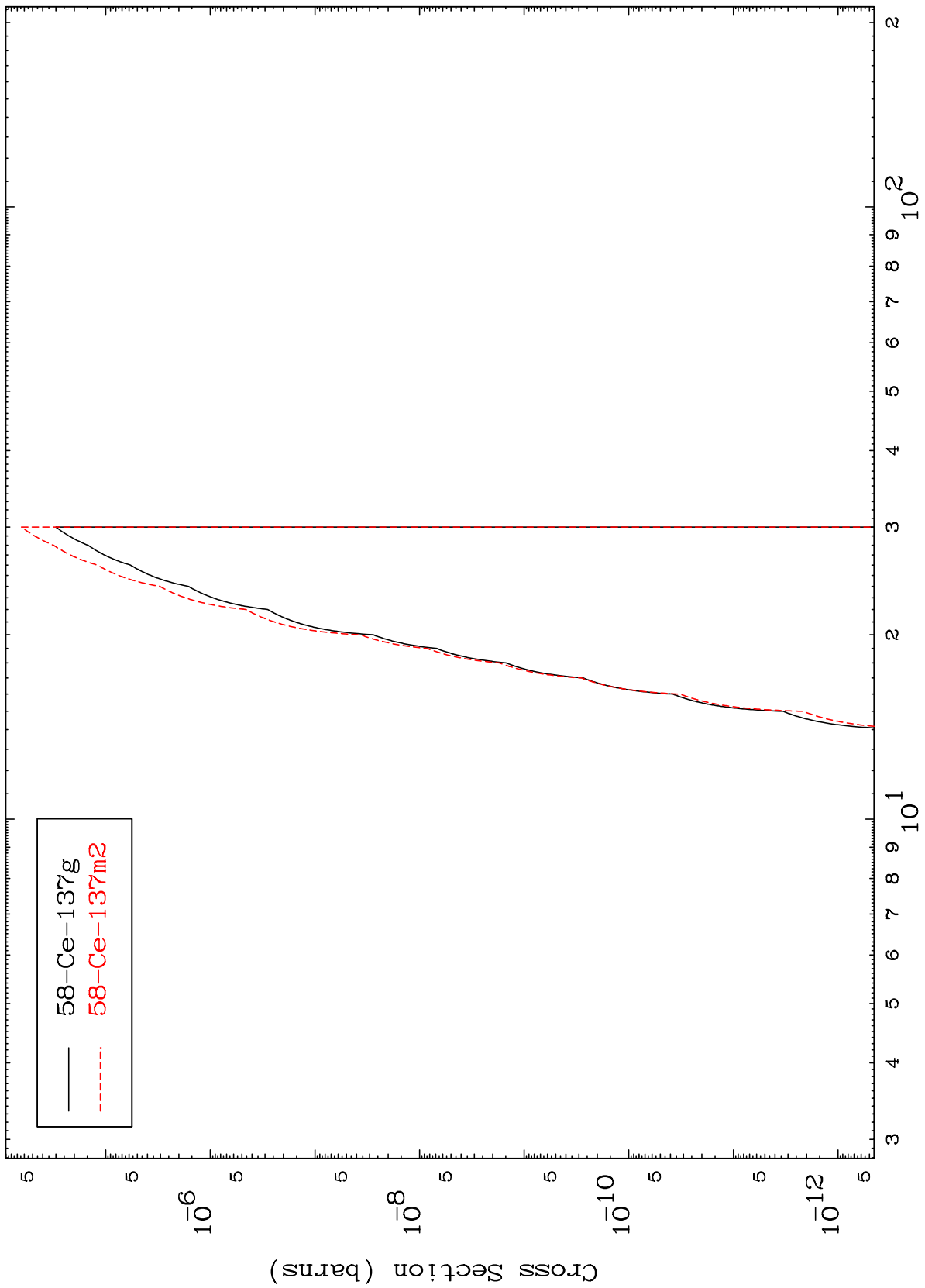
60-Nd-141

MAT 6022

(n,n') p  $\alpha$

60-Nd-141

Radionuclide Production Cross Section



58-Ce-137g  
58-Ce-137m2

19

Incident Energy (MeV)

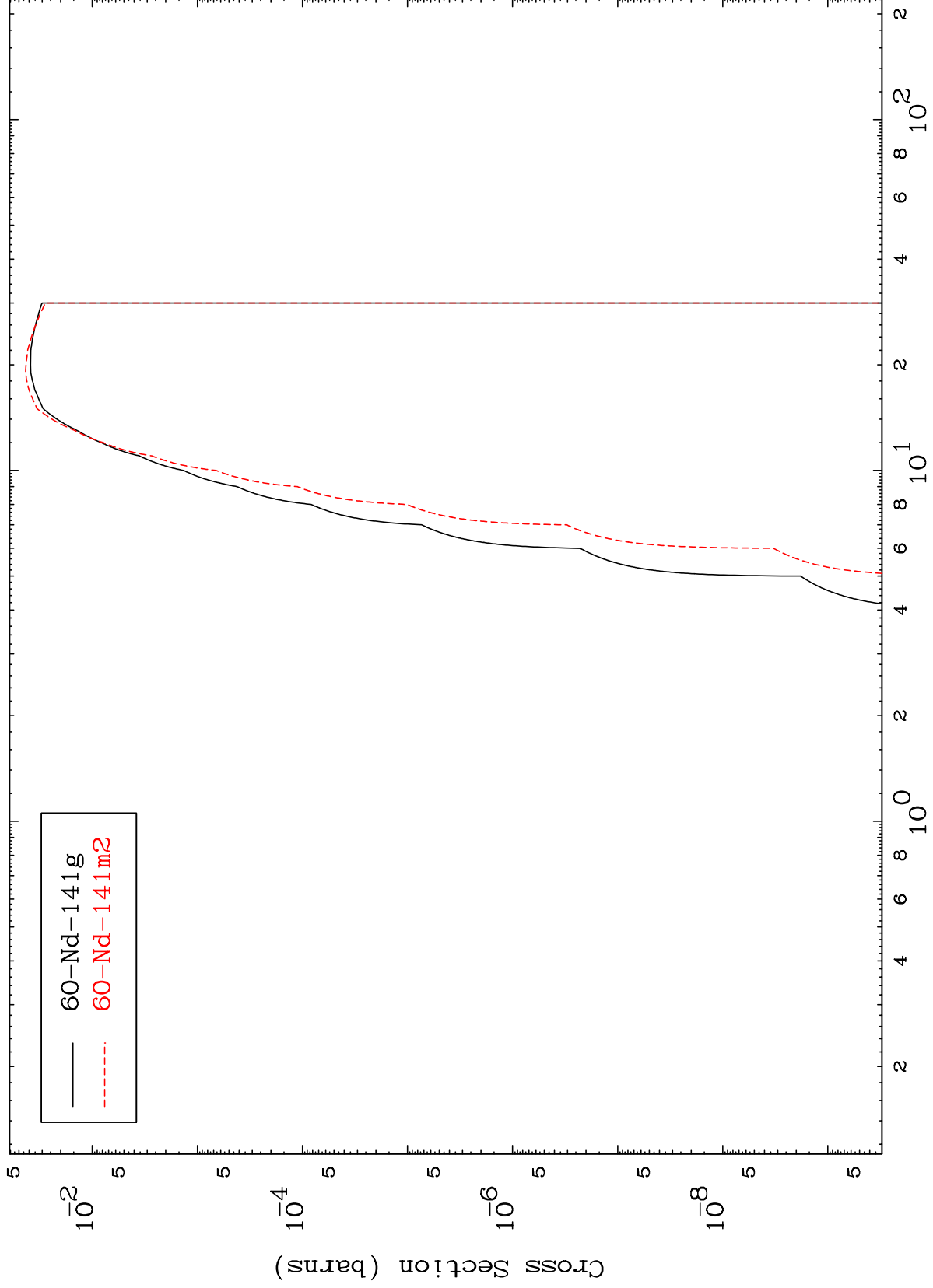
60-Nd-141

MAT 6022

(n,d)

<sup>60</sup>Nd-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>60</sup>Nd-141

MAT 6022

(n,d)  $\alpha$

60-Nd-141

Radionuclide Production Cross Section

