

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

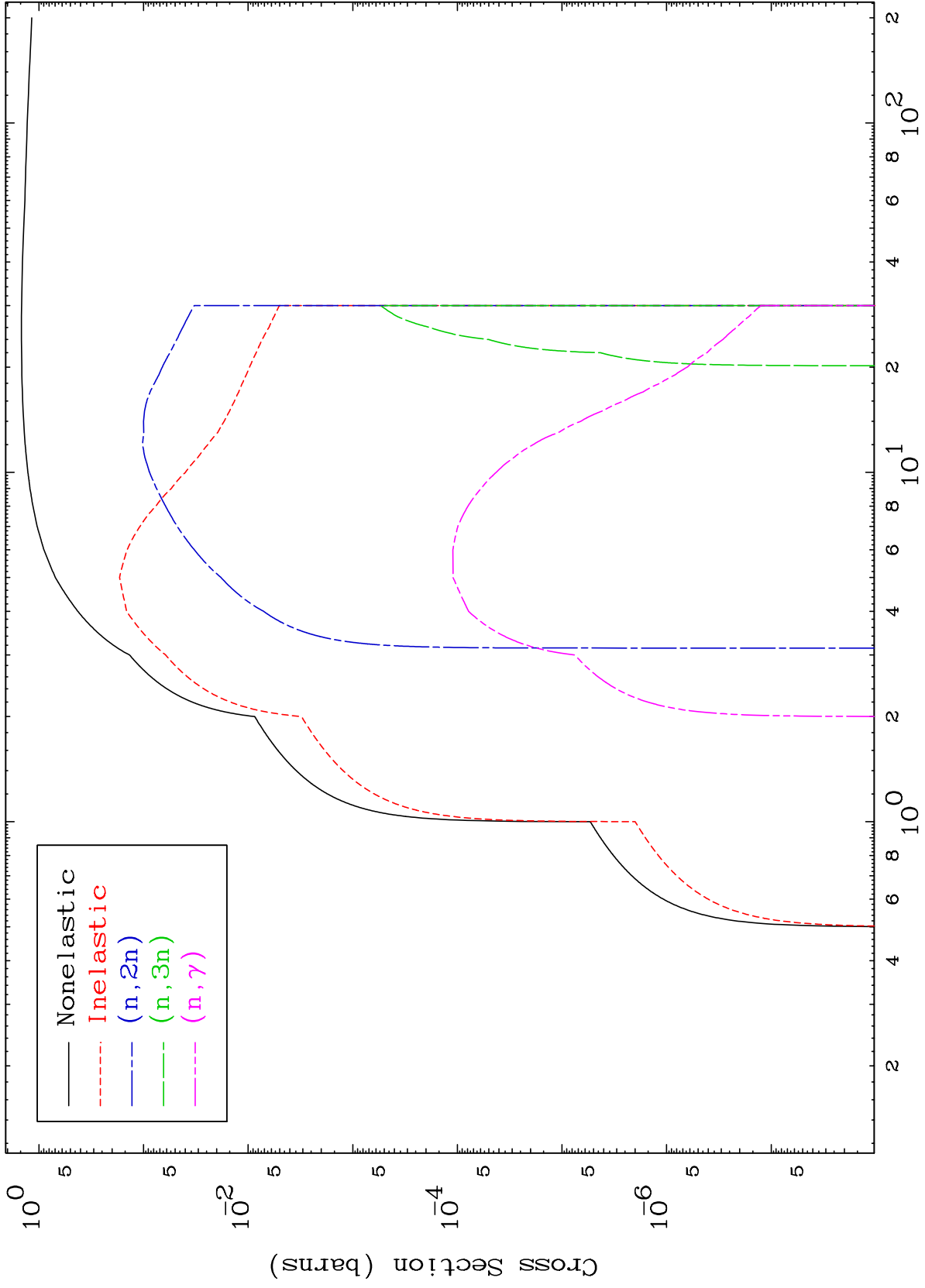
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Web:redcullen1.net/HOMEPAGE.NEW

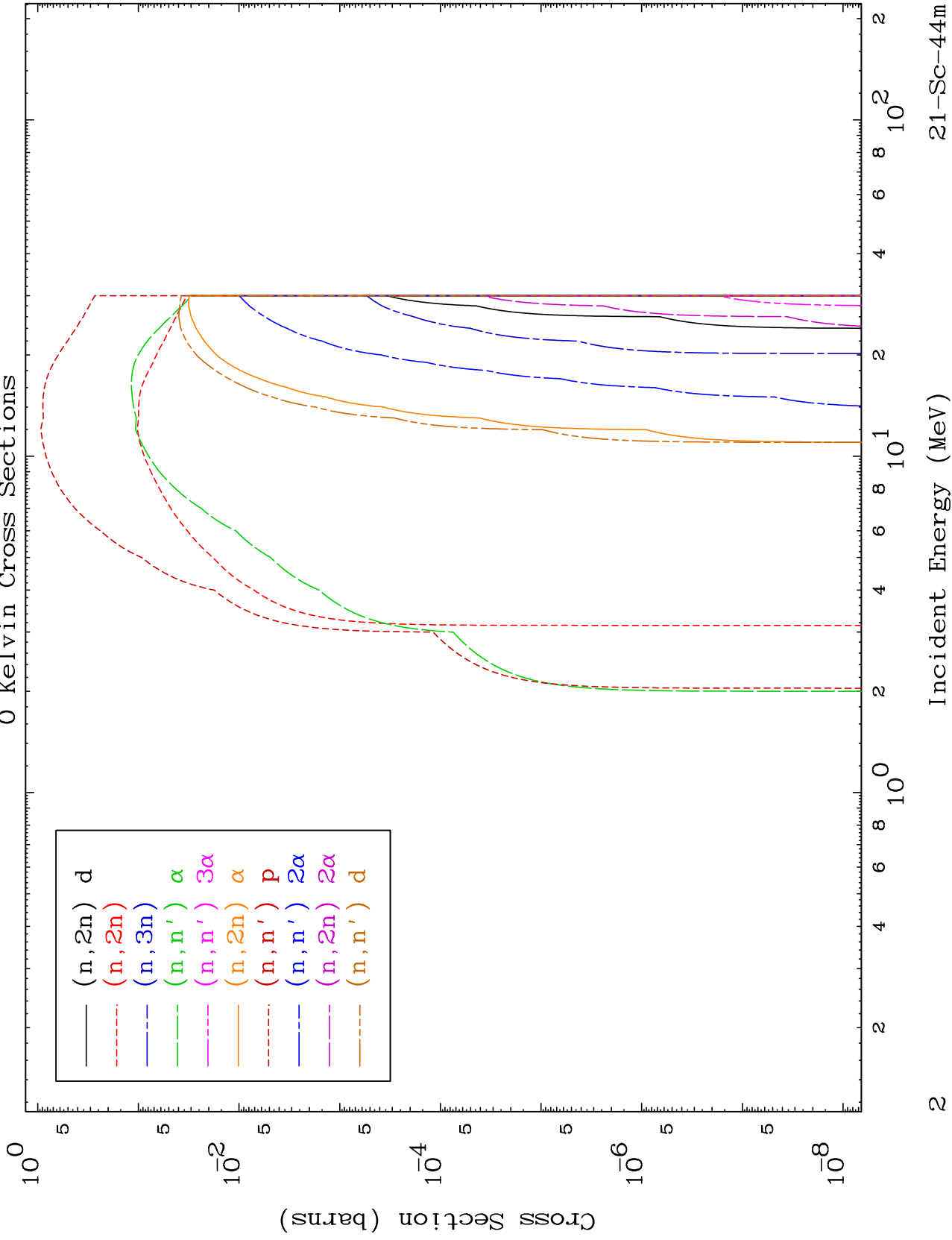
Press Mouse Button to Start



MAT 2123

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

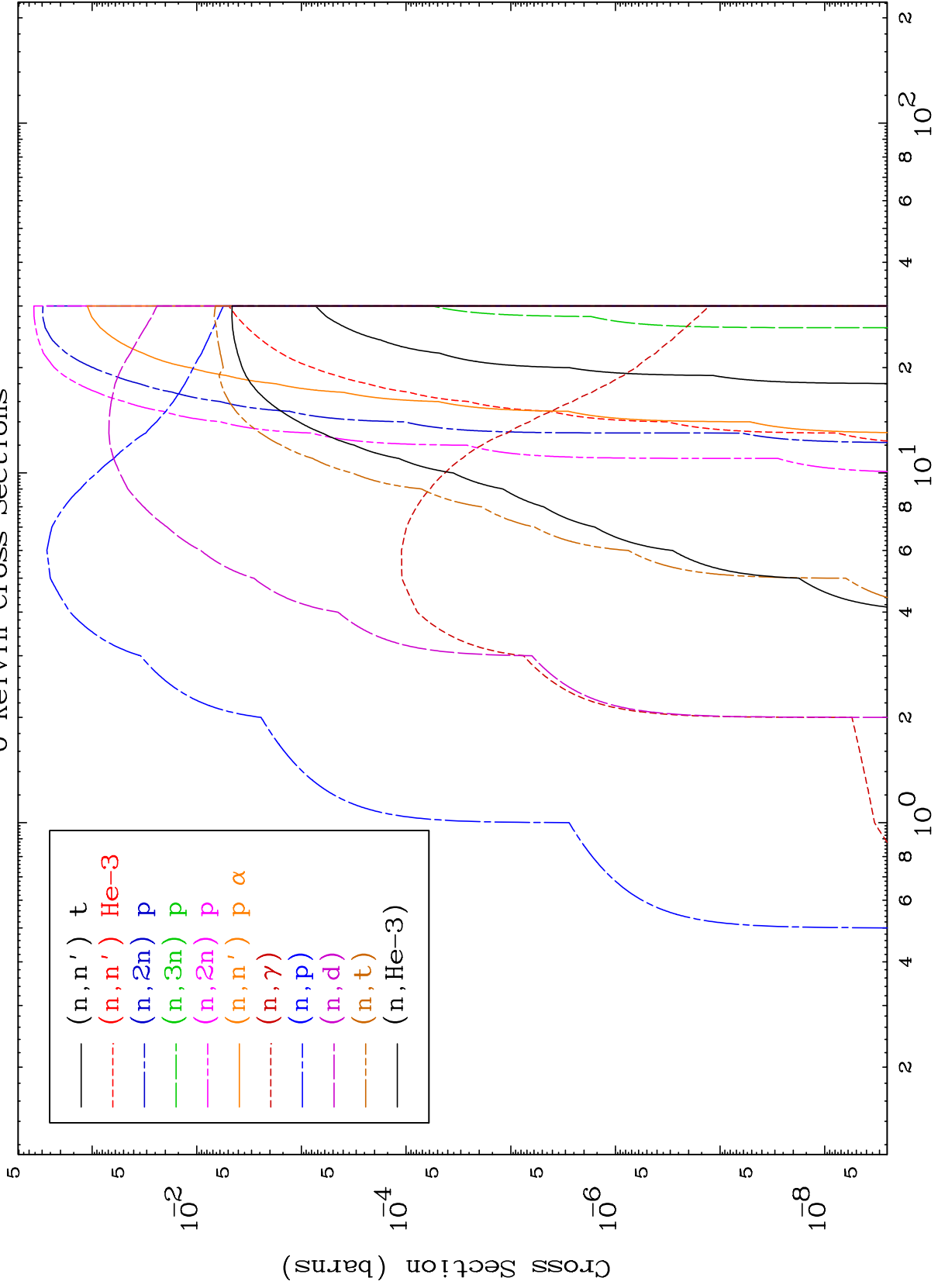
21-Sc-44m



MAT 2123

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

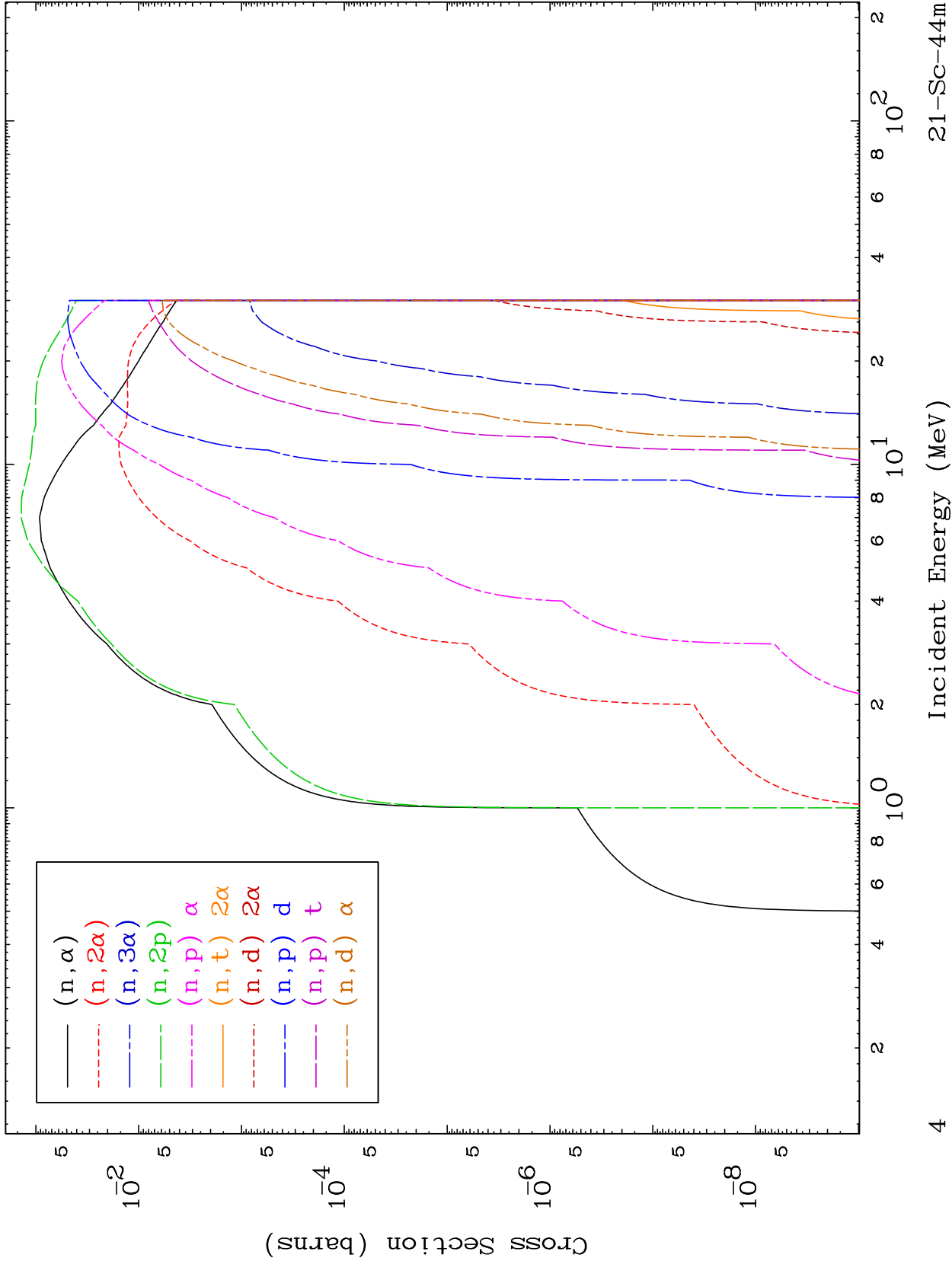
21-Sc-44m



21-Sc-44m

Incident Energy (MeV)

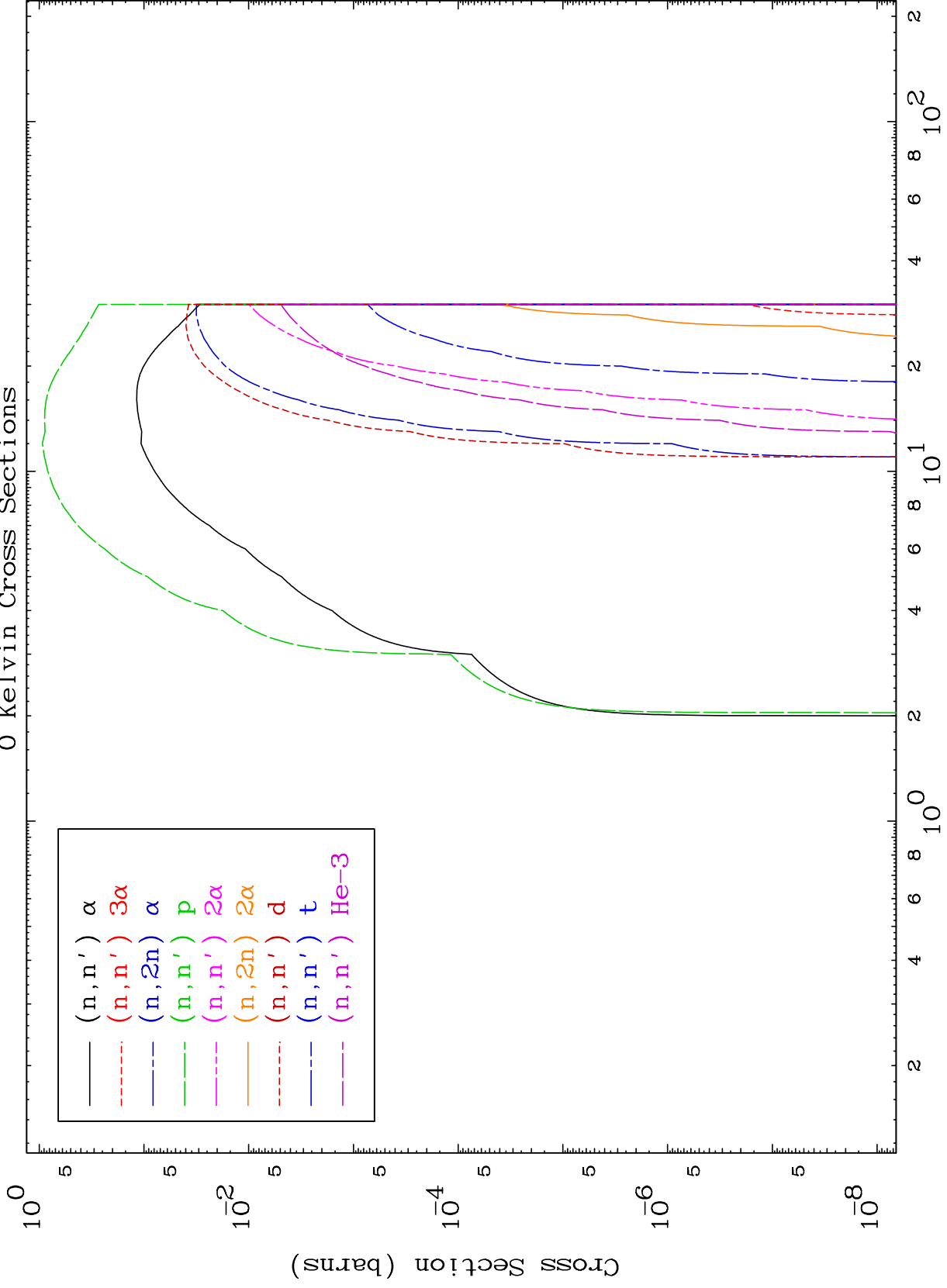
Deuteron Neutron Absorption  
0 Kelvin Cross Sections



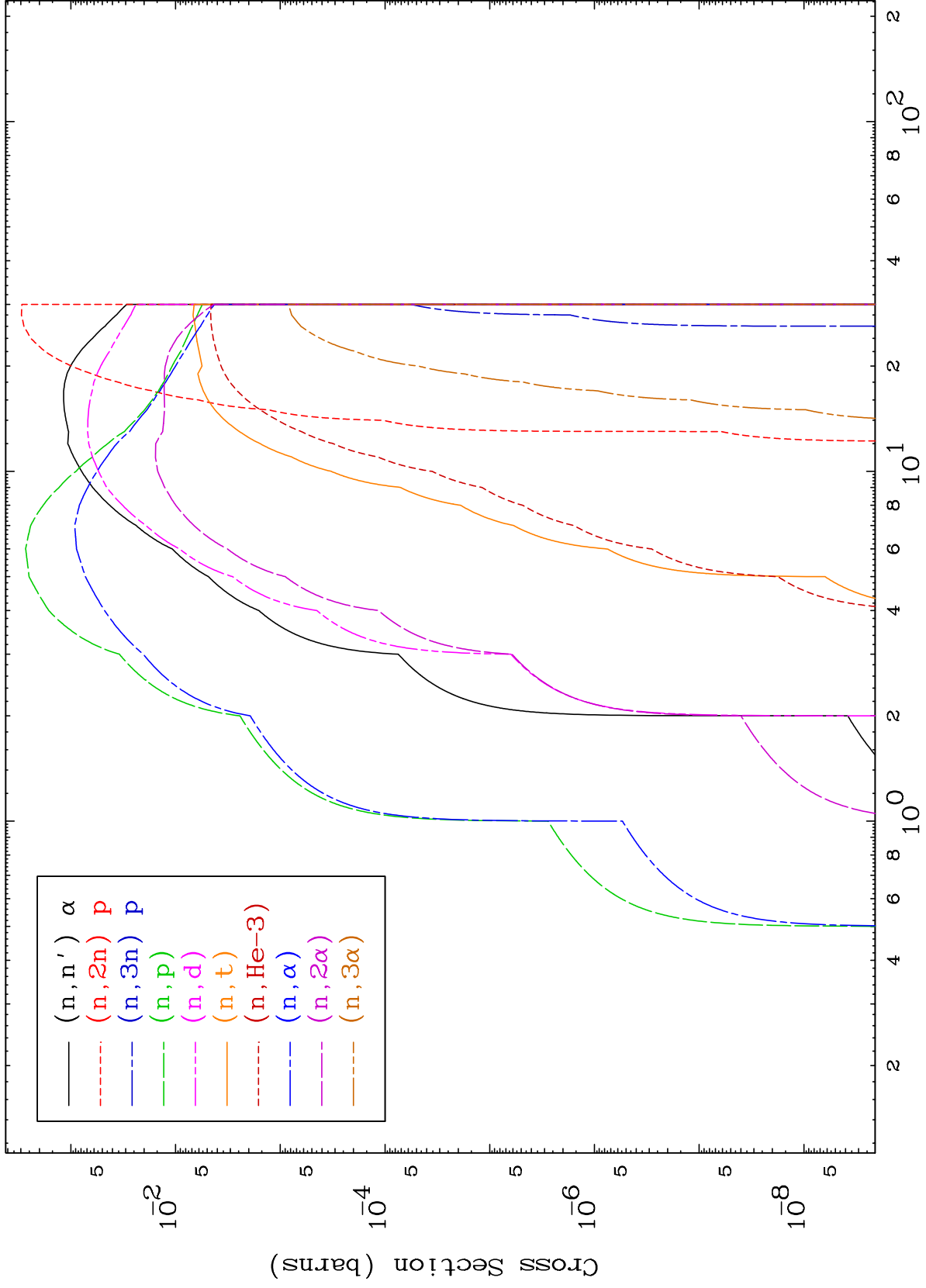
MAT 2123

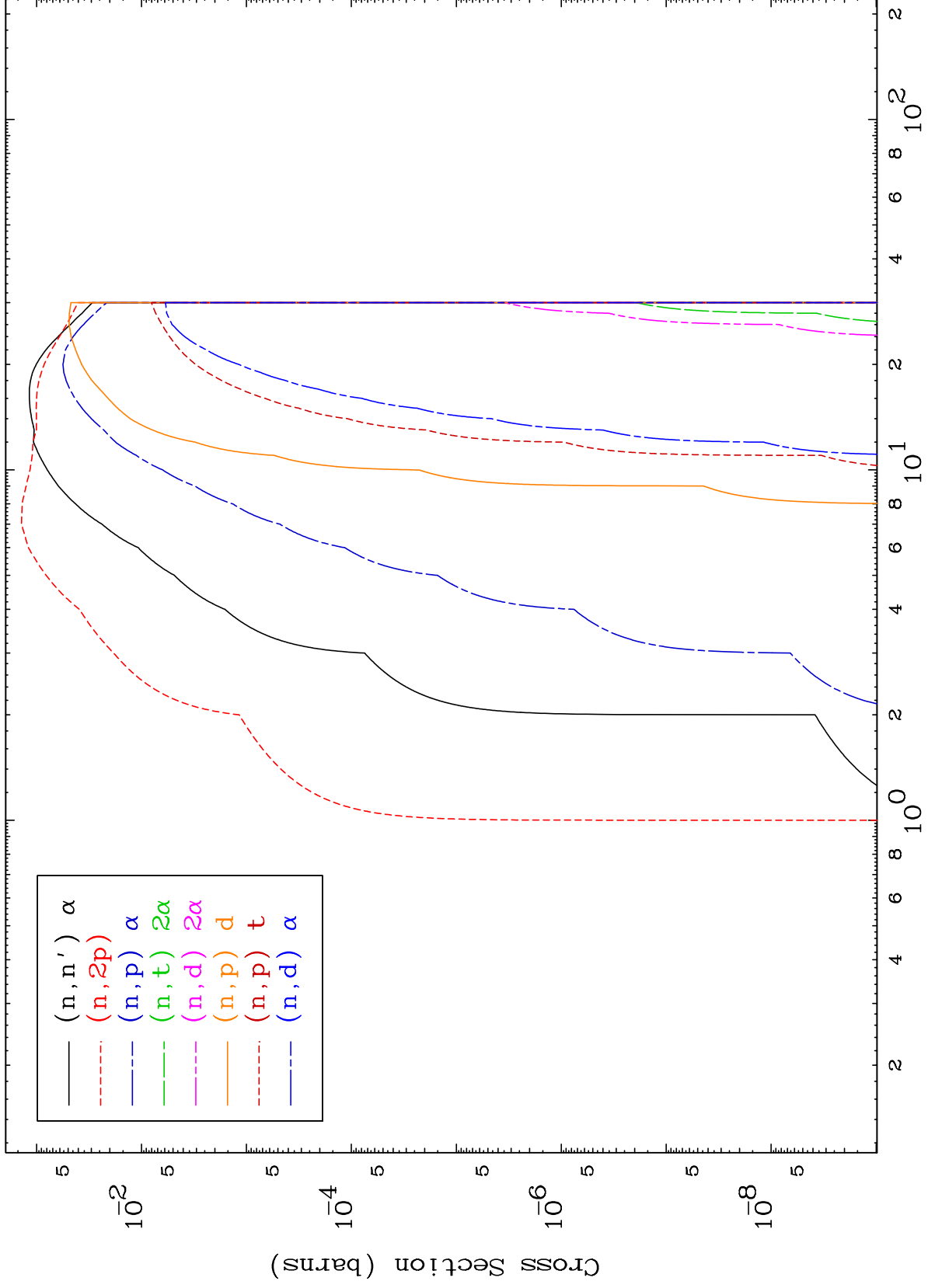
Deuteron Charged Particle  
0 Kelvin Cross Sections

21-Sc-44m



Deuteron Charged Particle  
0 Kelvin Cross Sections







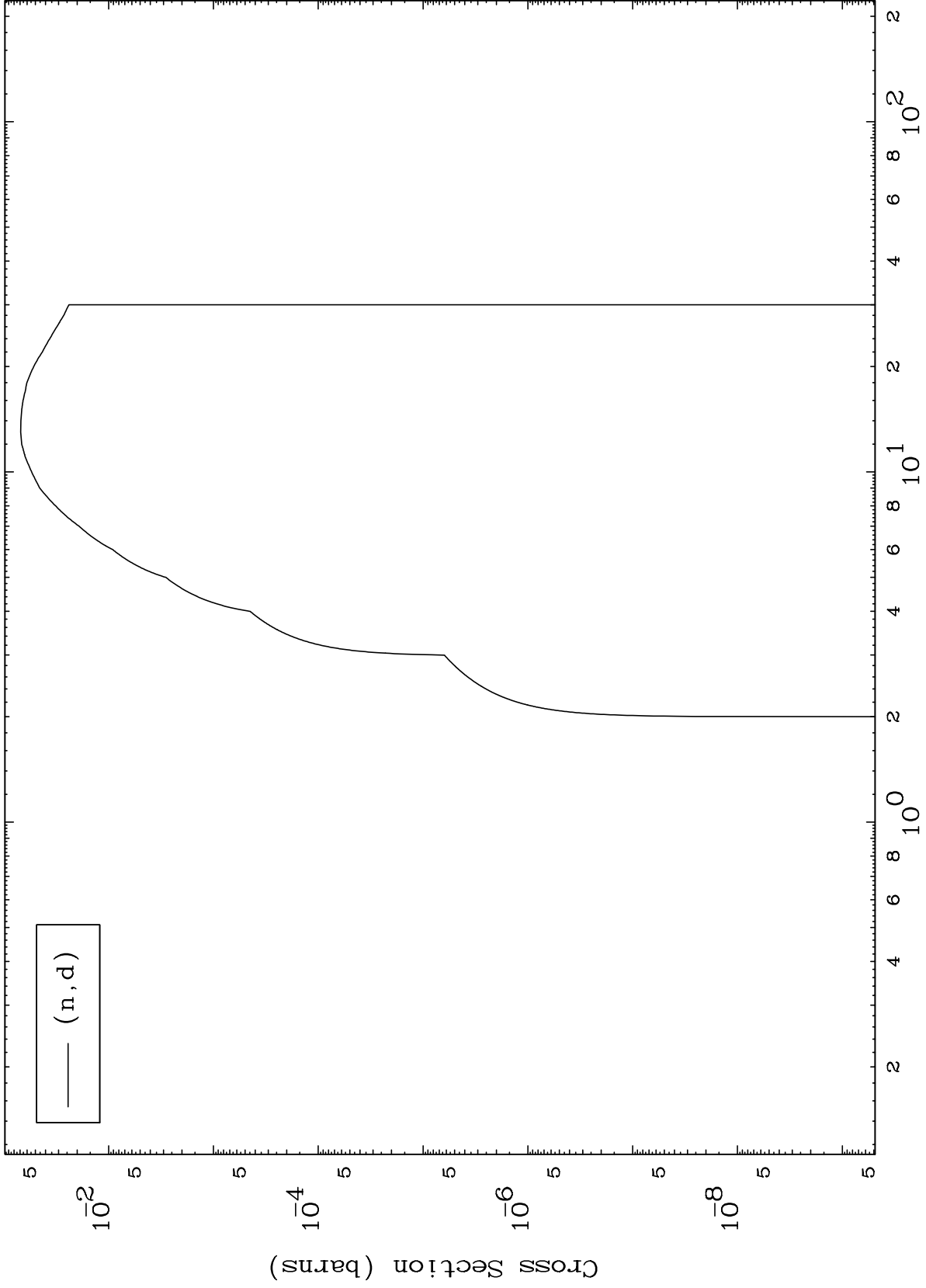


MAT 2123

(d,d) Levels

21-Sc-44m

0 Kelvin Cross Sections

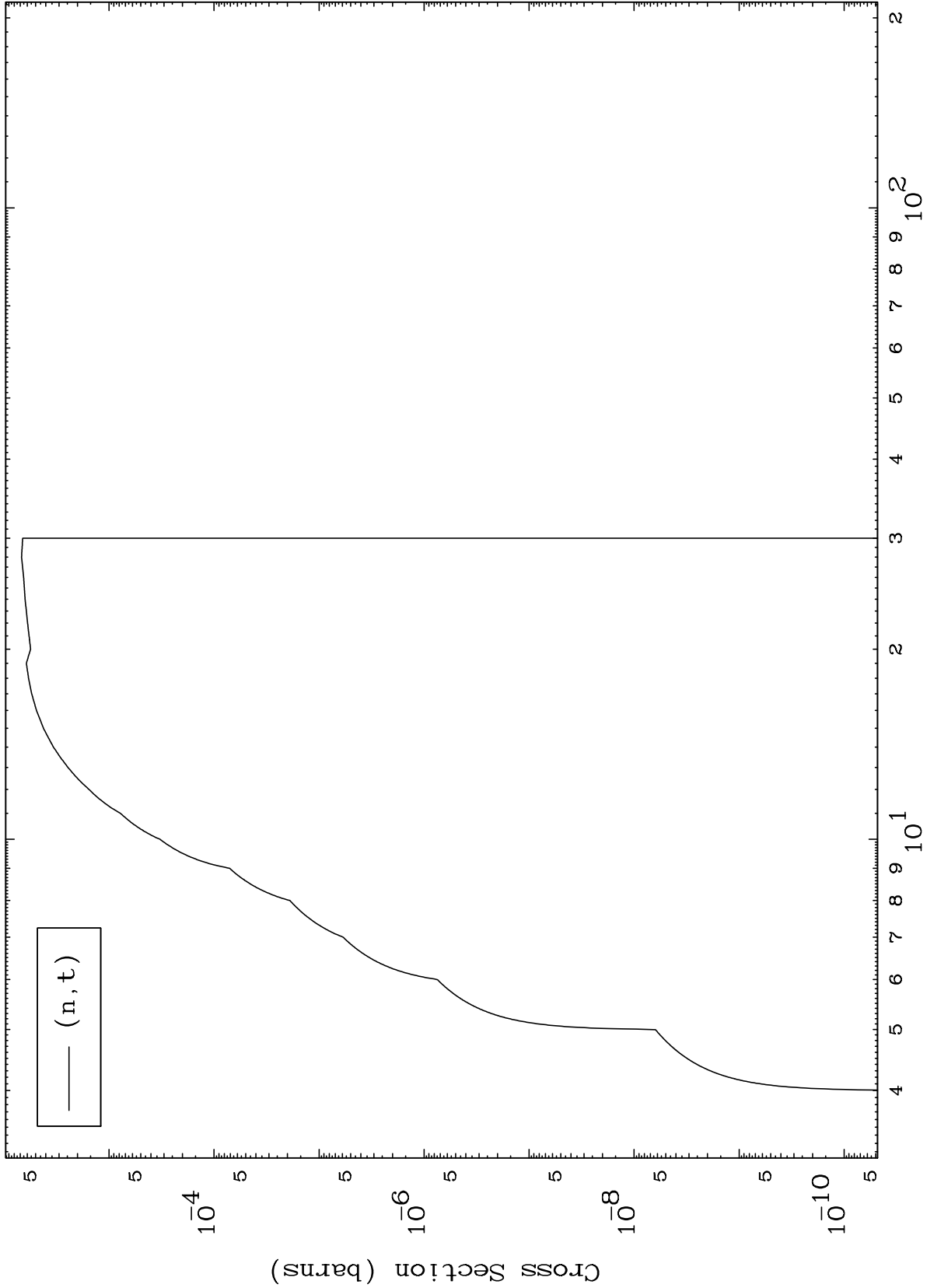


MAT 2123

(d, t) Levels

21-Sc-44m

0 Kelvin Cross Sections



10

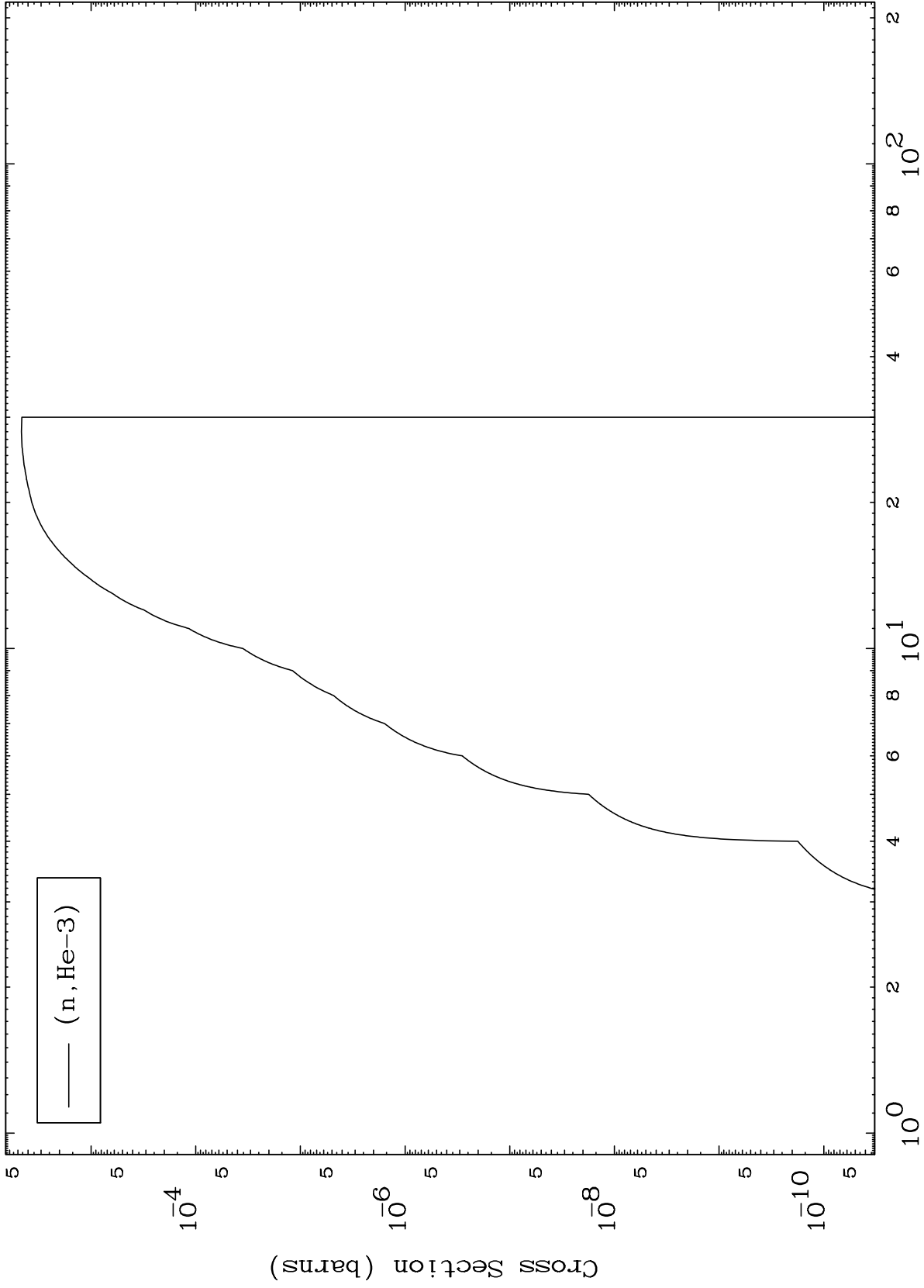
Incident Energy (MeV)

21-Sc-44m

MAT 2123

(d,He3) Levels  
0 Kelvin Cross Sections

21-Sc-44m



11

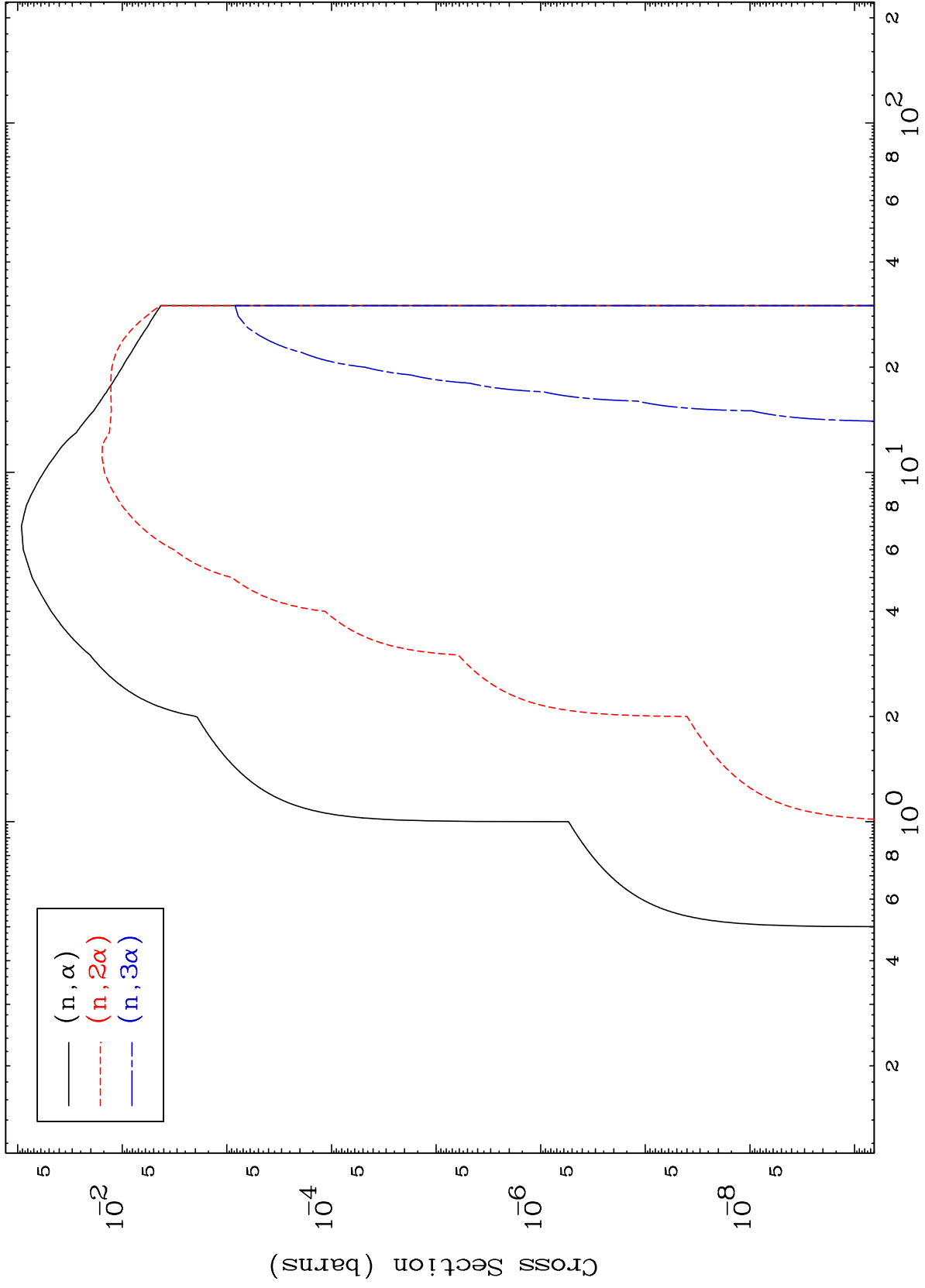
Incident Energy (MeV)

21-Sc-44m

MAT 2123

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

21-Sc-44m



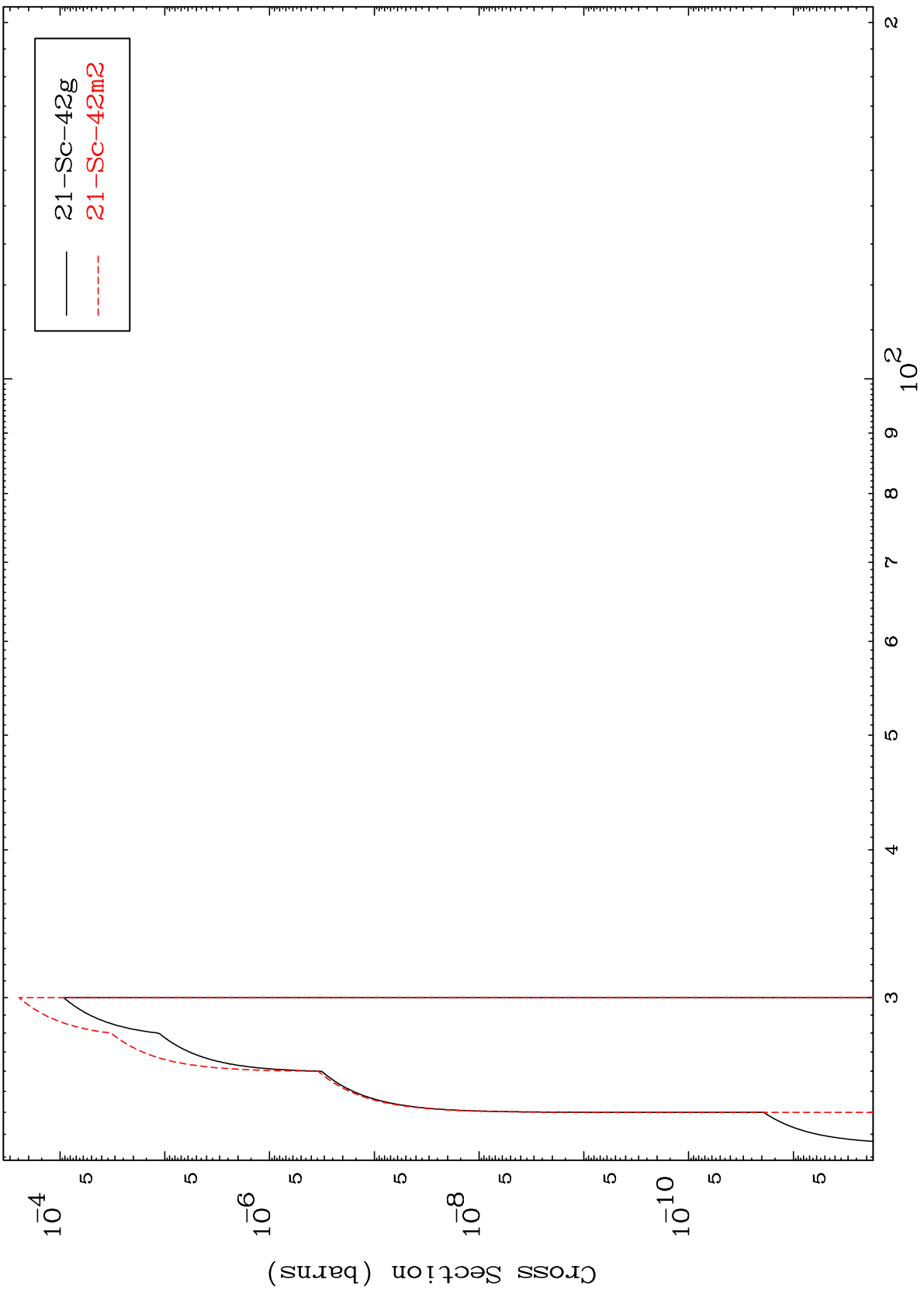
Legend:  
—  $(n, \alpha)$   
- -  $(n, 2\alpha)$   
- · -  $(n, 3\alpha)$

MAT 2123

(n,2n) d

21-Sc-44m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

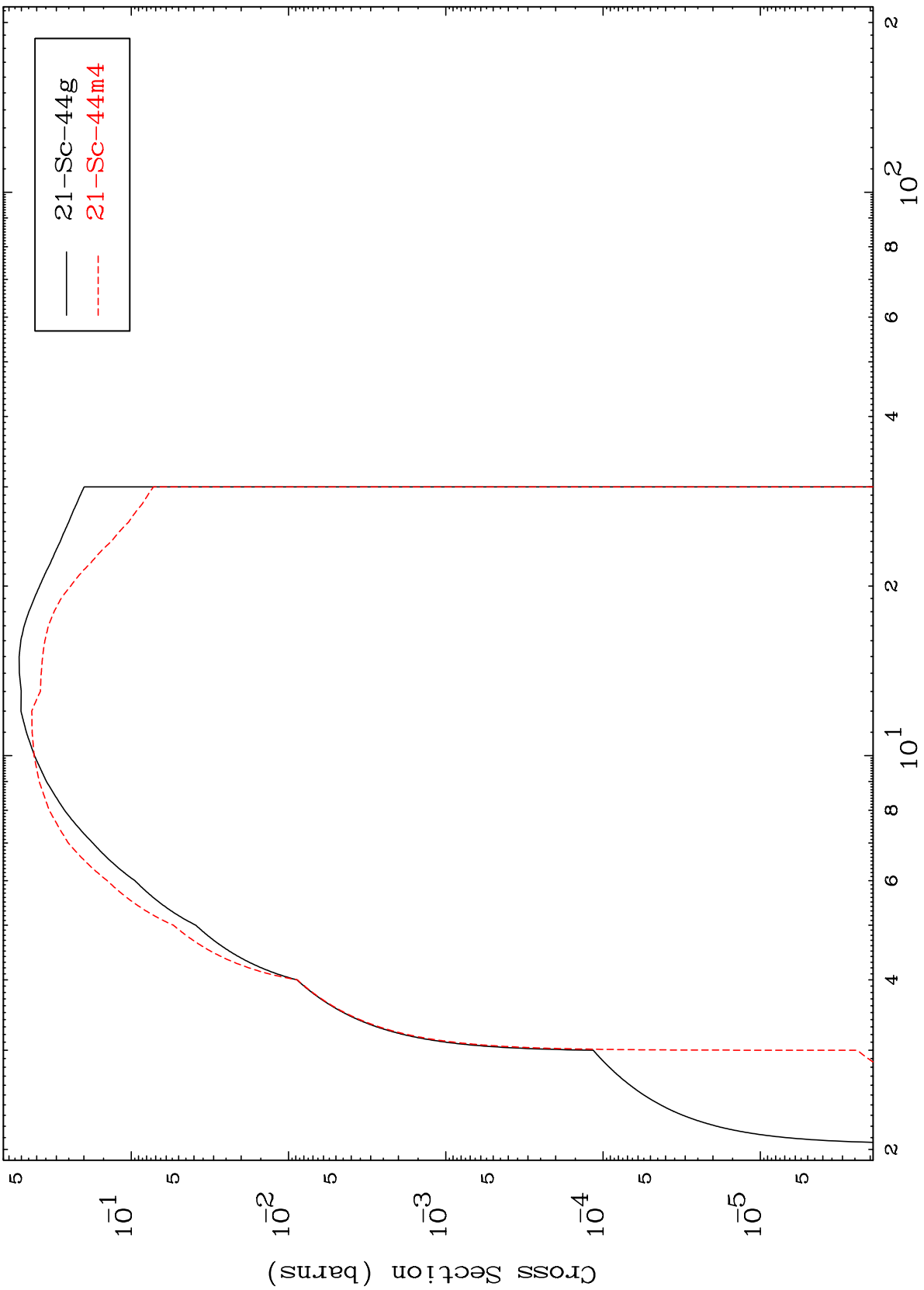
21-Sc-44m

MAT 2123

(n,n') p

21-Sc-44m

Radionuclide Production Cross Section



21-Sc-44g  
21-Sc-44m4

14

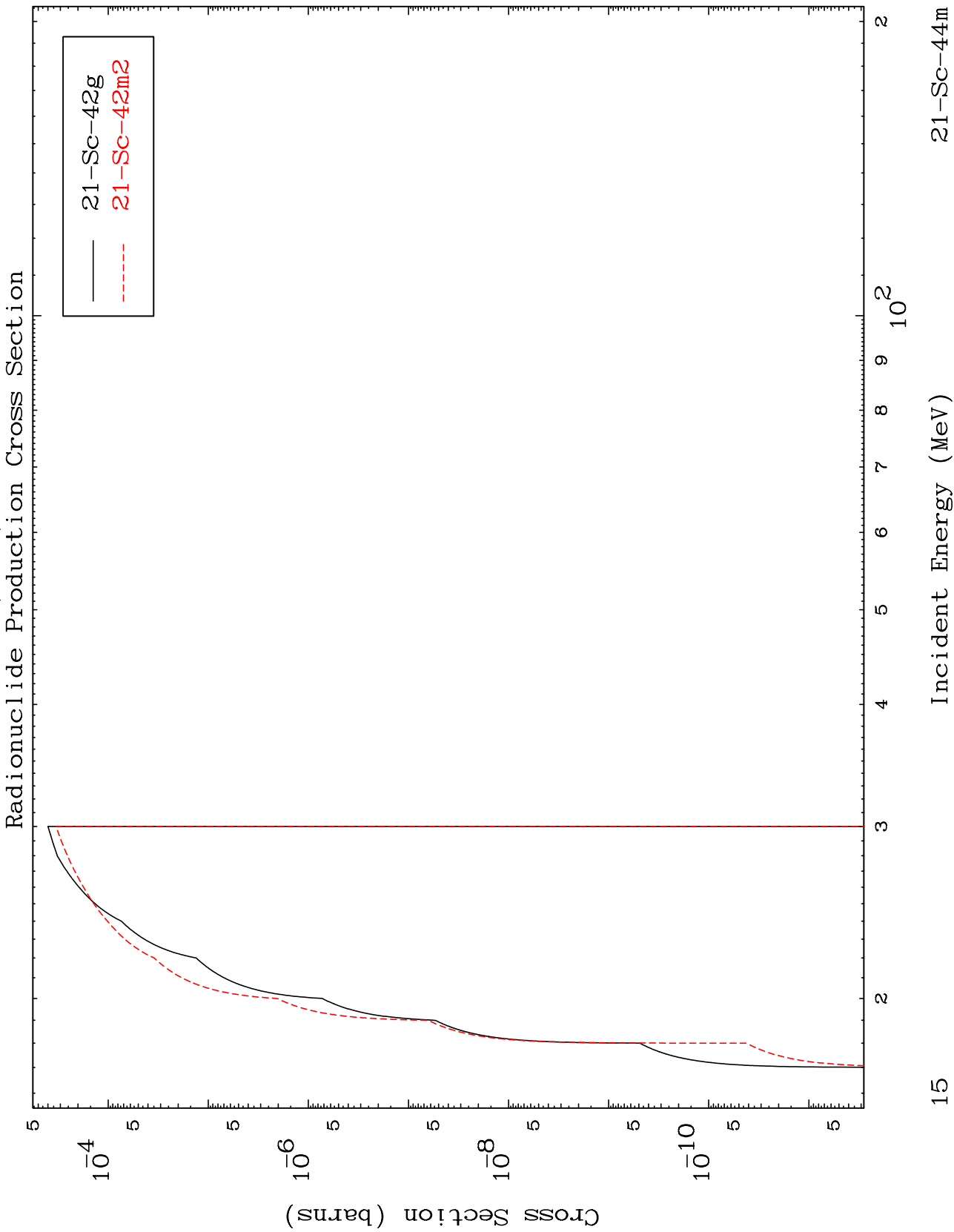
Incident Energy (MeV)

21-Sc-44m

MAT 2123

(n,n') t

21-Sc-44m



15

Incident Energy (MeV)

21-Sc-44m

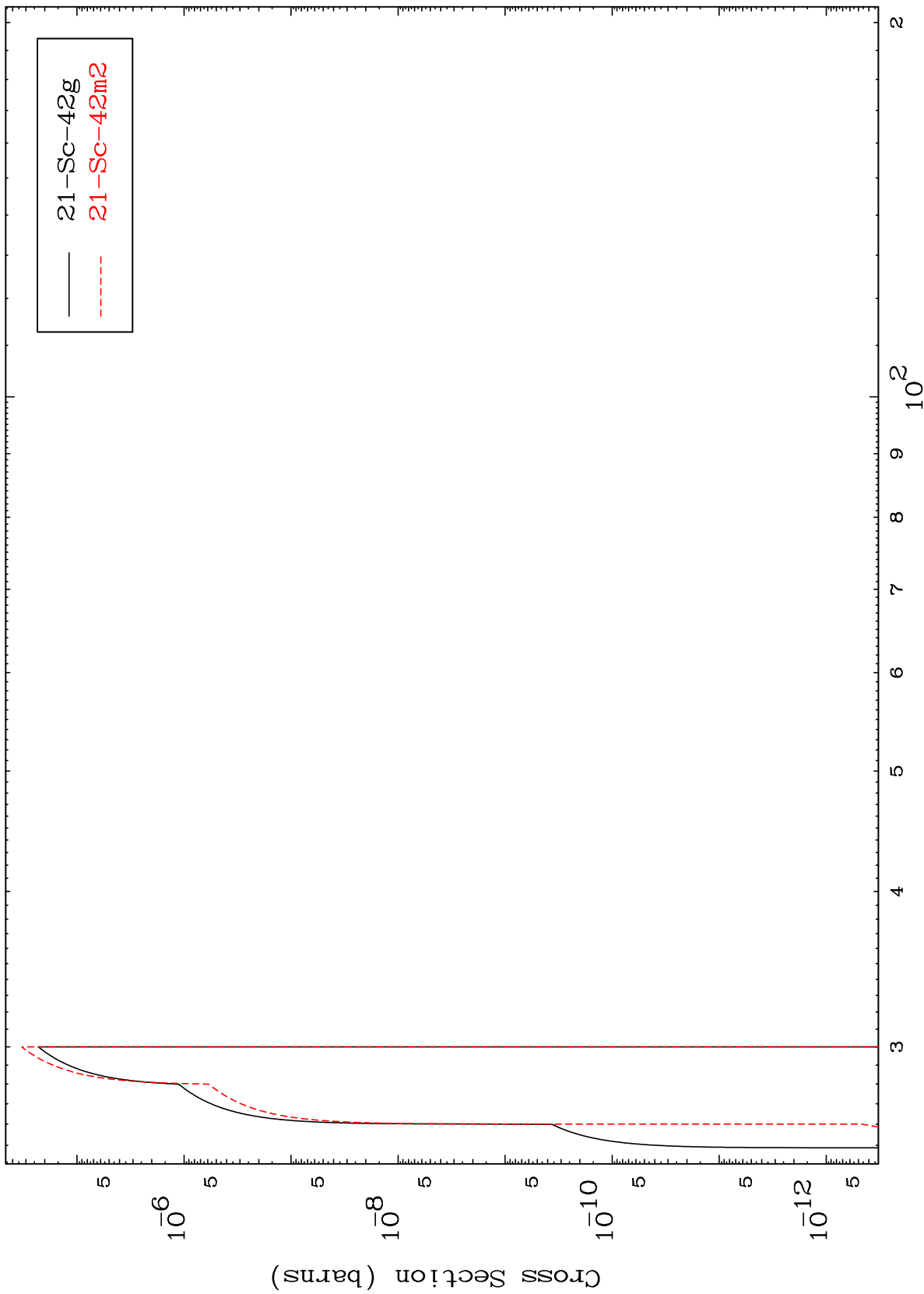


MAT 2123

(n,3n) p

21-Sc-44m

Radionuclide Production Cross Section



16

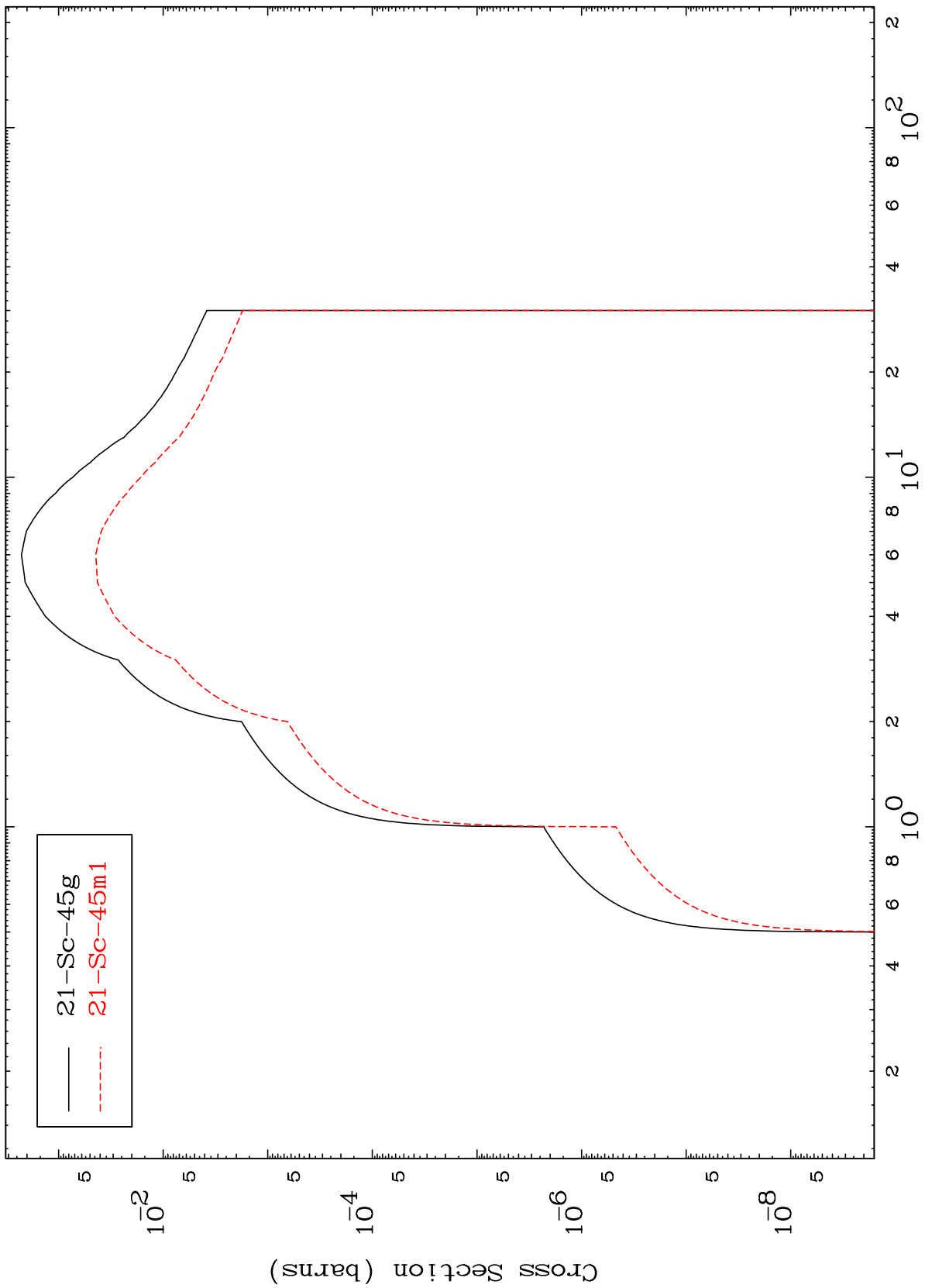
Incident Energy (MeV)

21-Sc-44m

MAT 2123

21-Sc-44m

(n,p)  
Radionuclide Production Cross Section



— 21-Sc-45g  
- - - 21-Sc-45m1

17

Incident Energy (MeV)

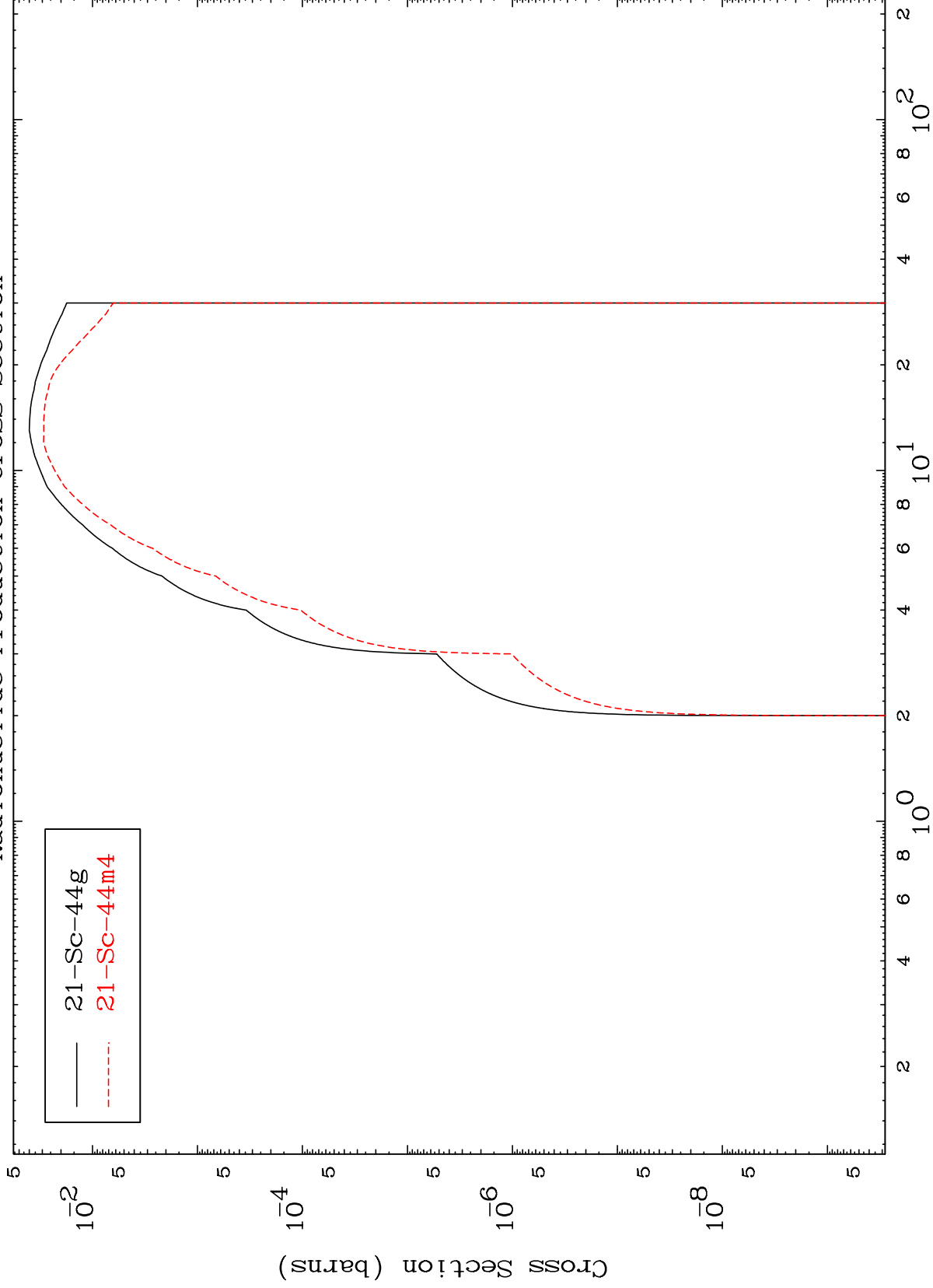
21-Sc-44m

MAT 2123

(n,d)

21-Sc-44m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

21-Sc-44m