

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

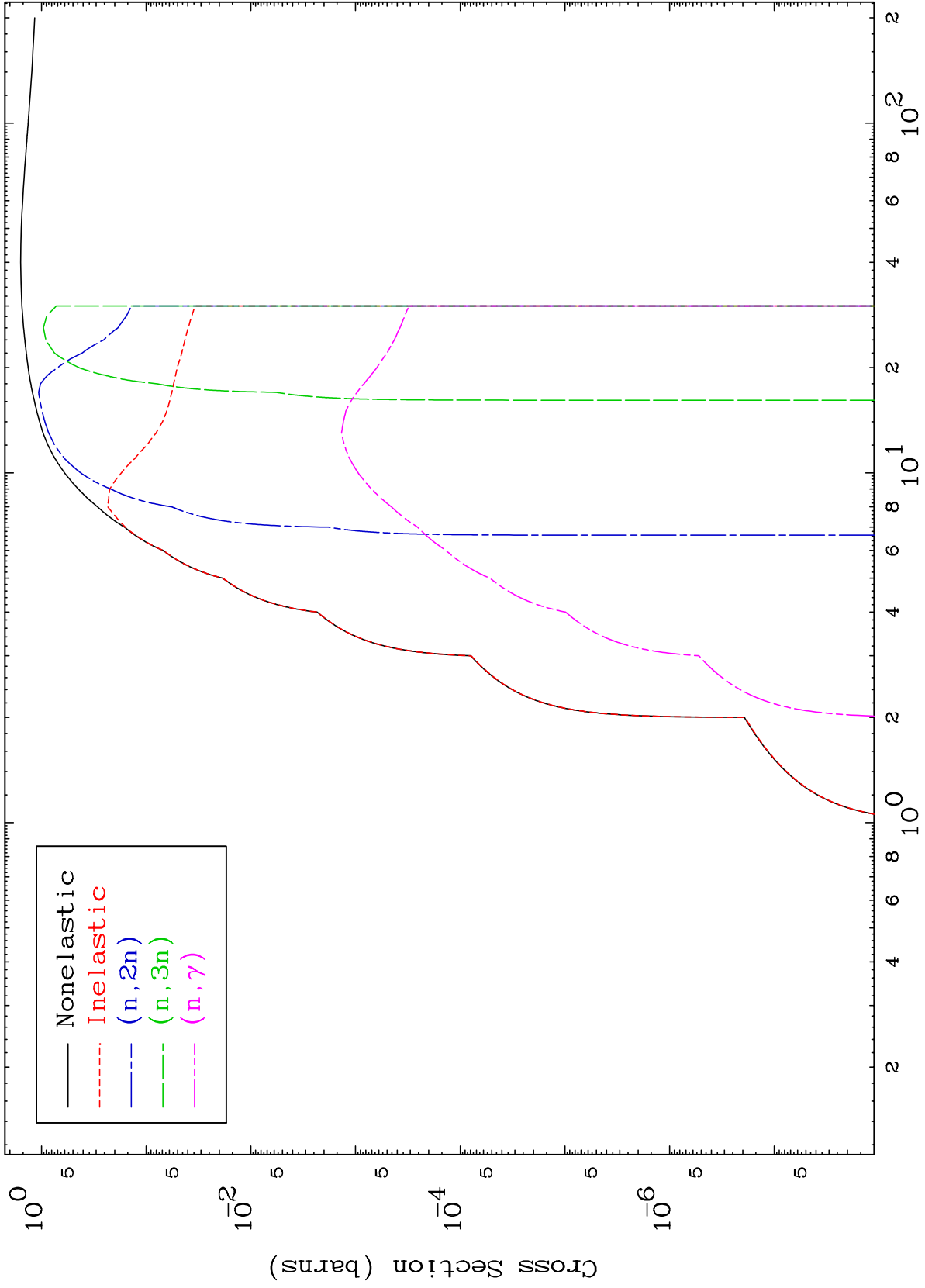
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

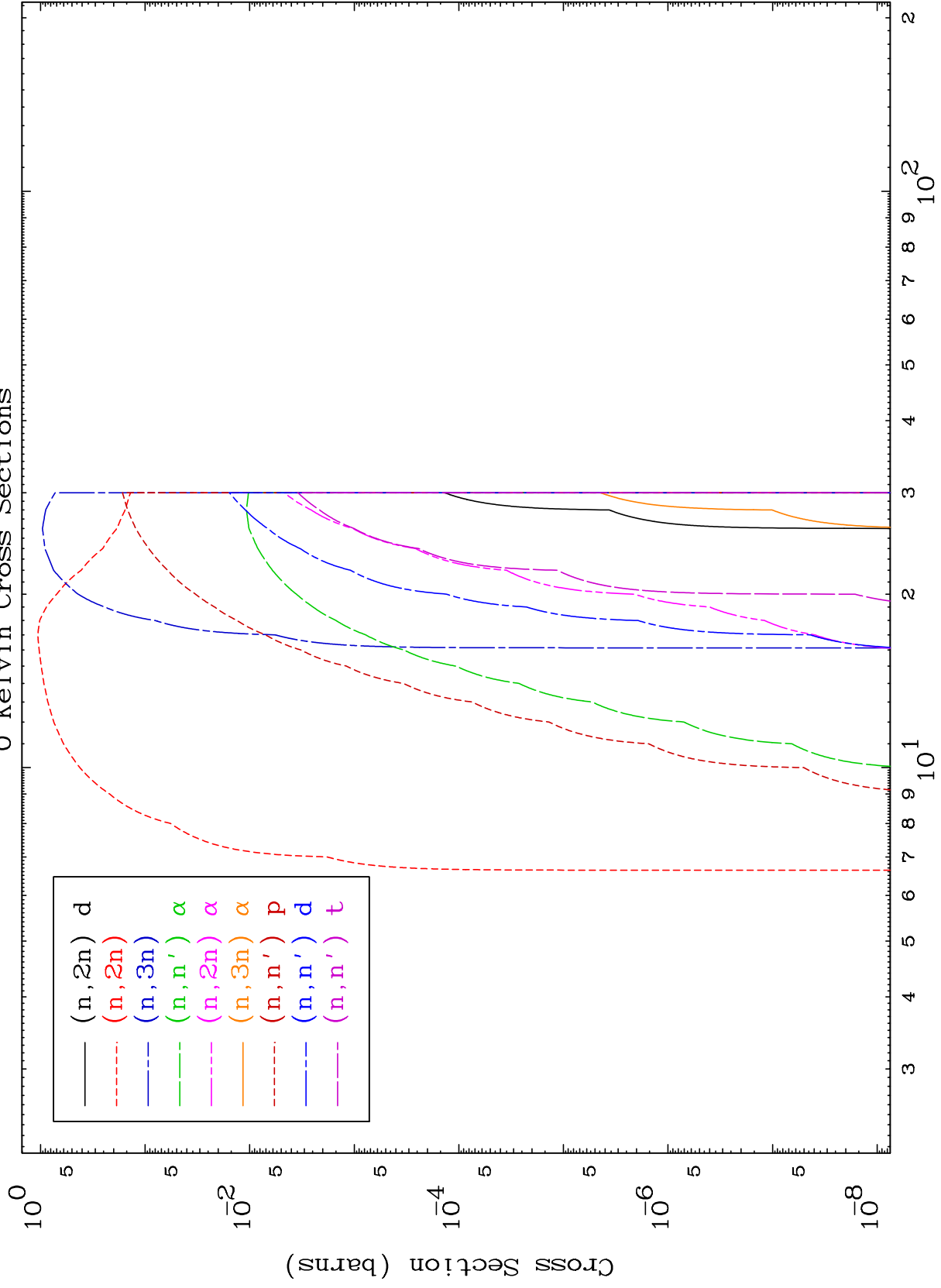
Tele: 925-443-1911

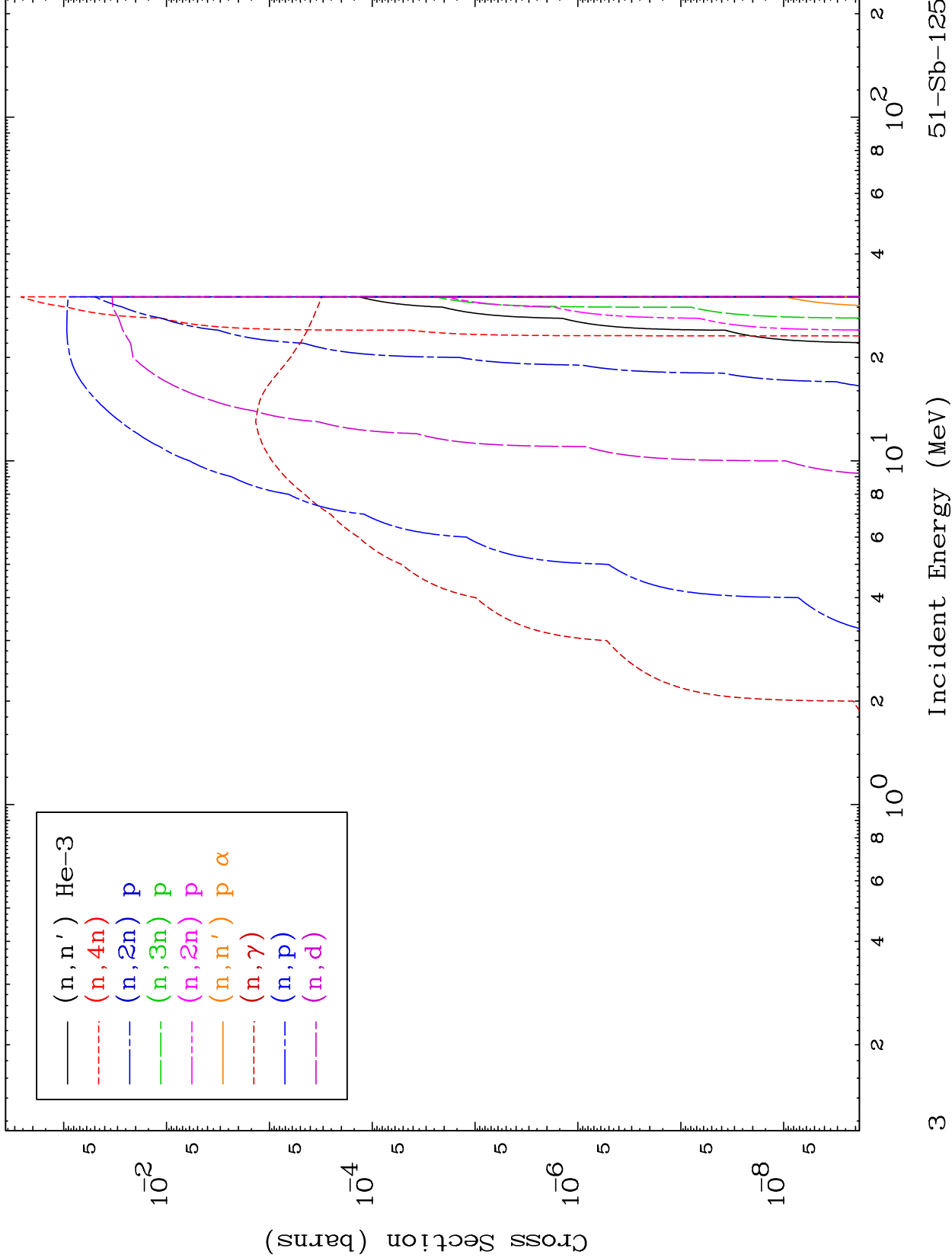
E.Mail:redcullen1@comcast.net

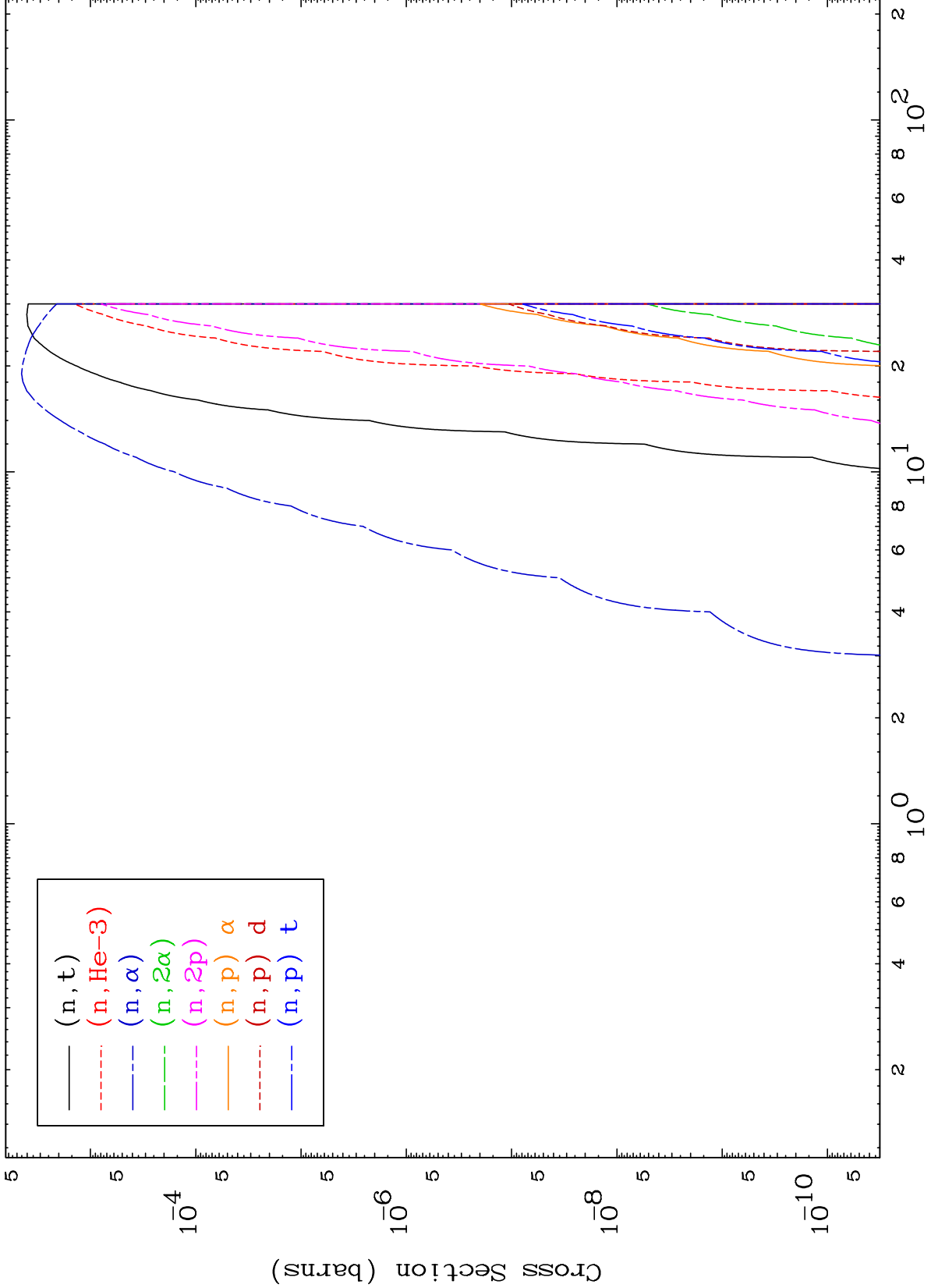
Web:redcullen1.net/HOMEPAGE.NEW

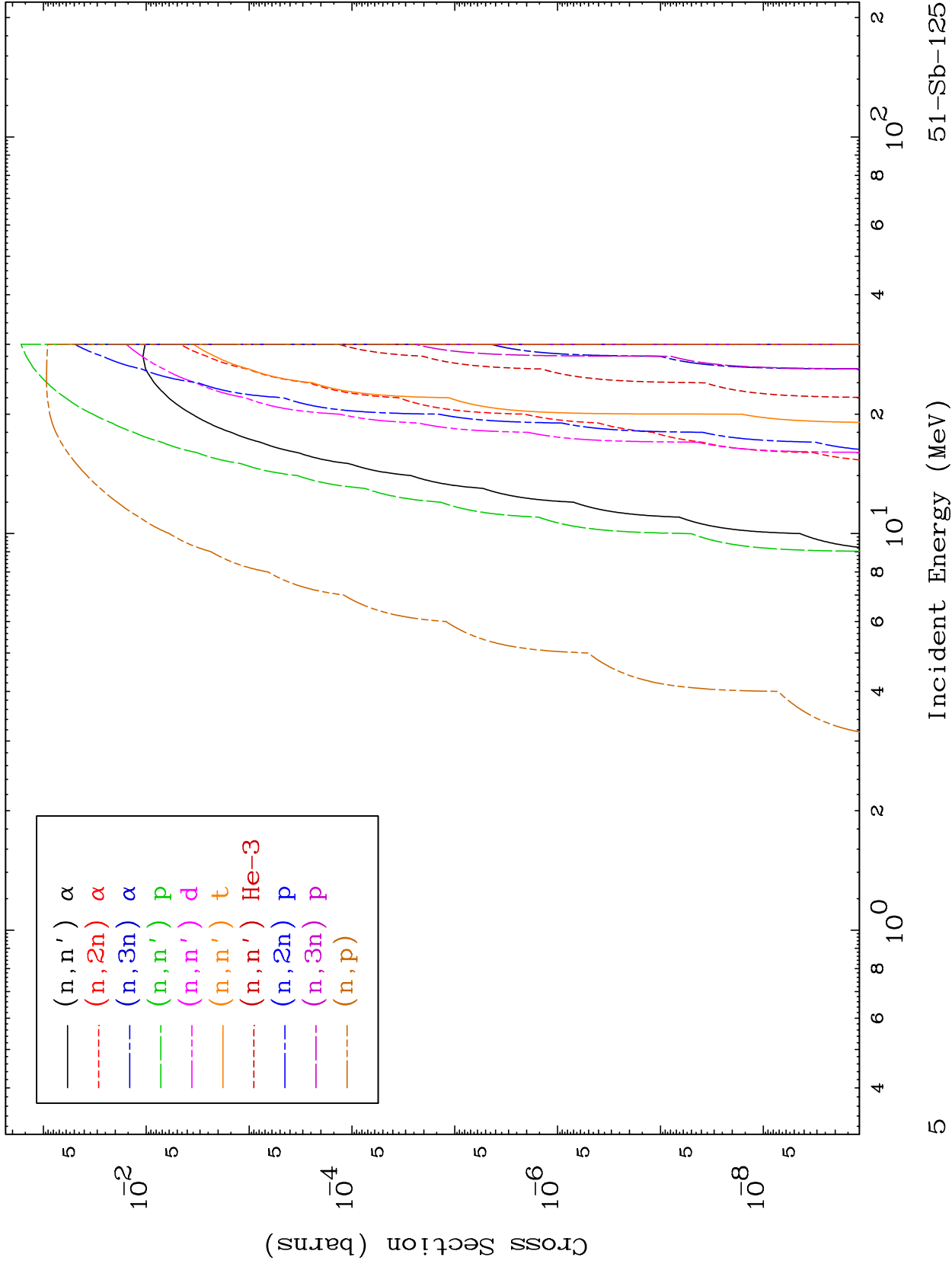
Press Mouse Button to Start

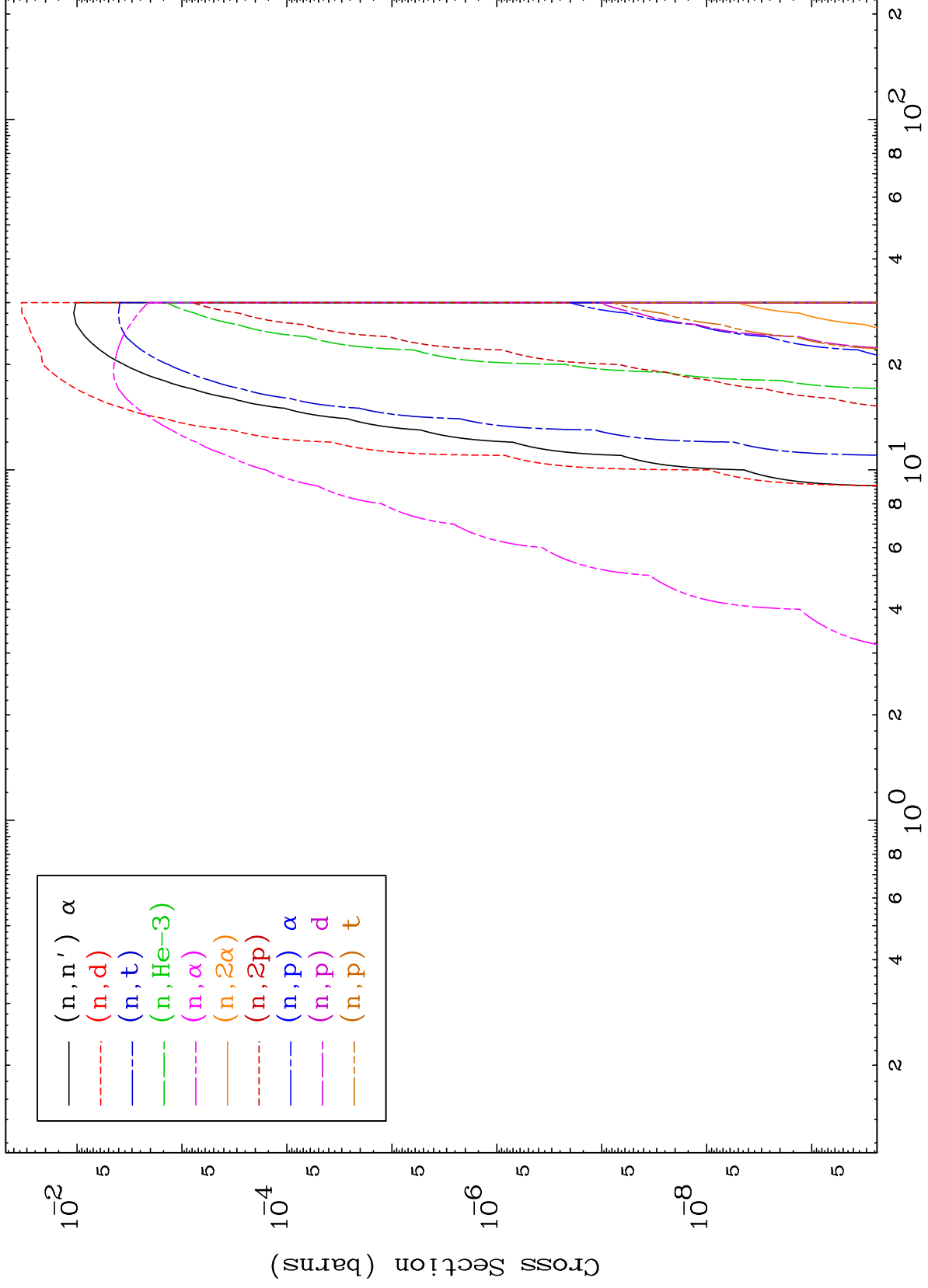








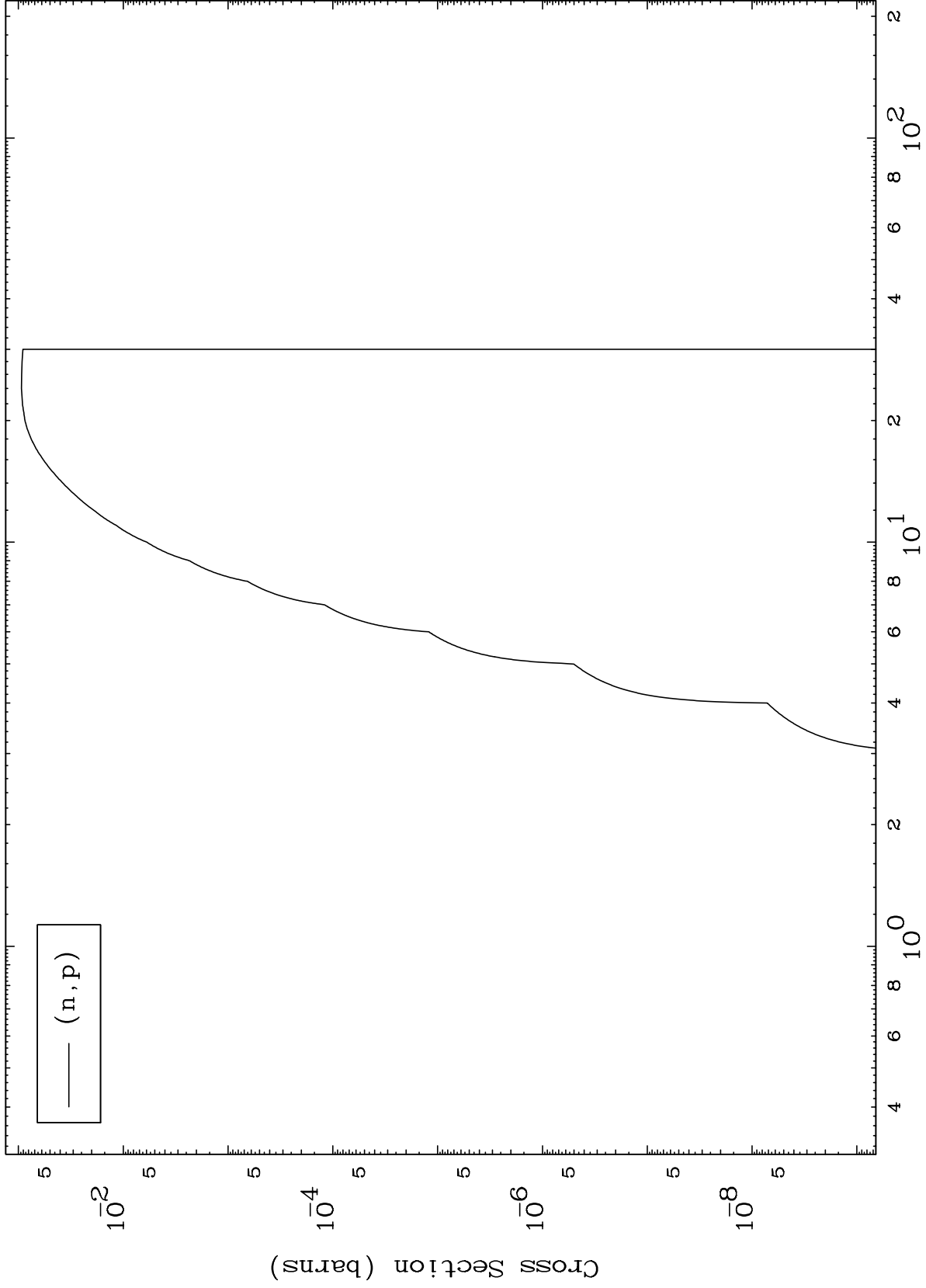




MAT 5137

(p,p) Levels  
0 Kelvin Cross Sections

51-Sb-125



7

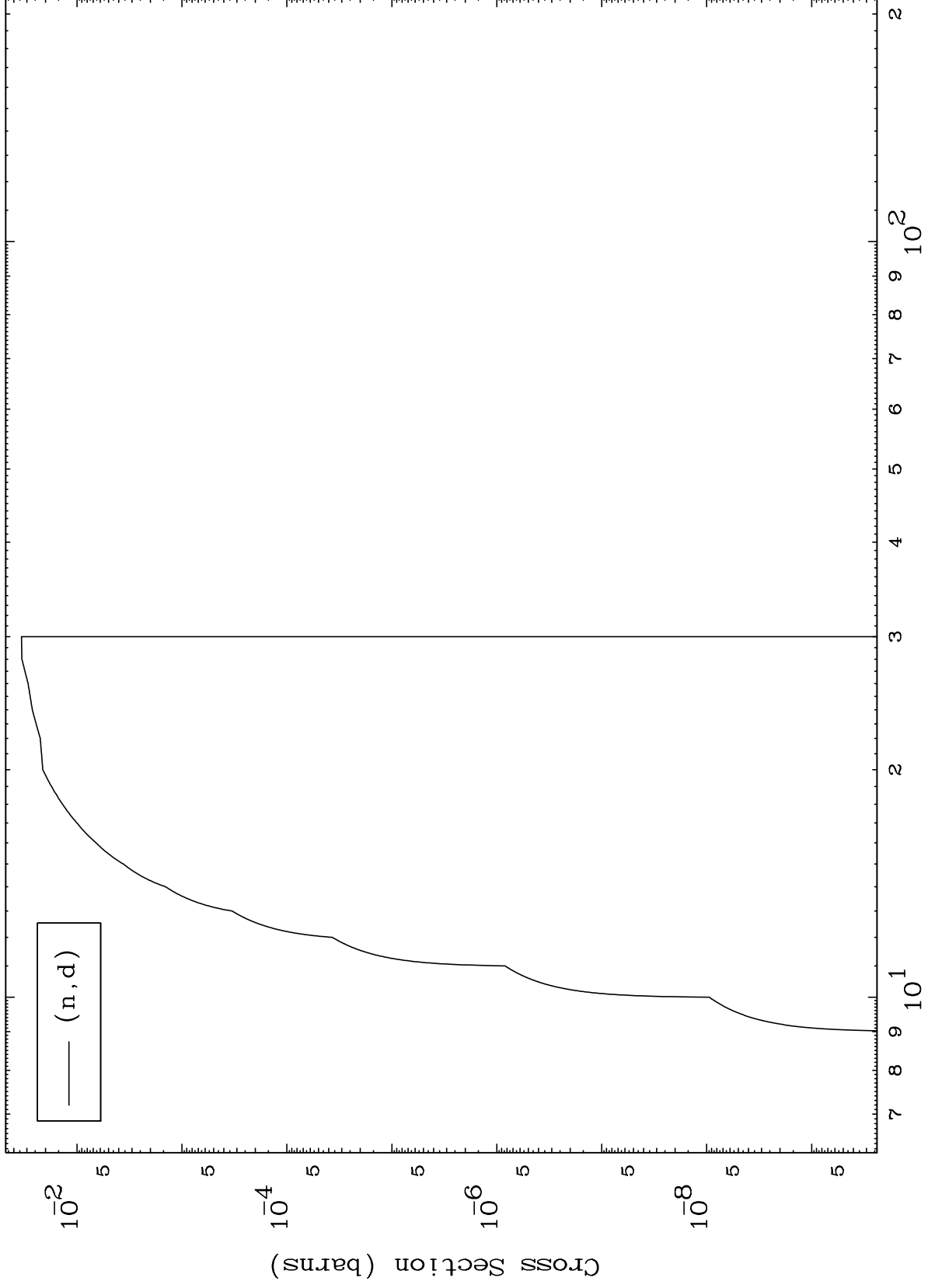
Incident Energy (MeV)

51-Sb-125

MAT 5137

(p,d) Levels  
0 Kelvin Cross Sections

51-Sb-125



8

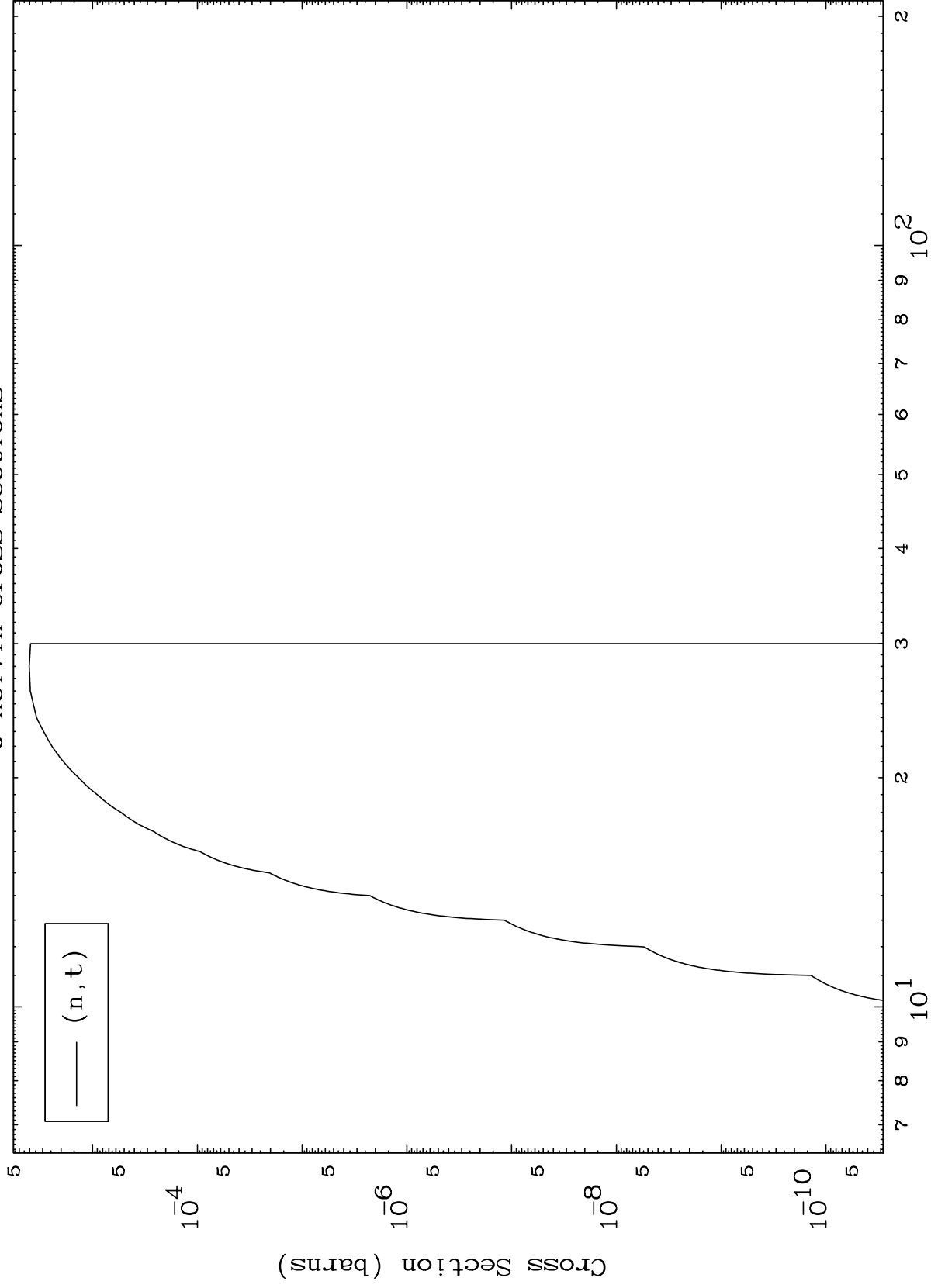
Incident Energy (MeV)

51-Sb-125

MAT 5137

(p,t) Levels  
0 Kelvin Cross Sections

51-Sb-125



9

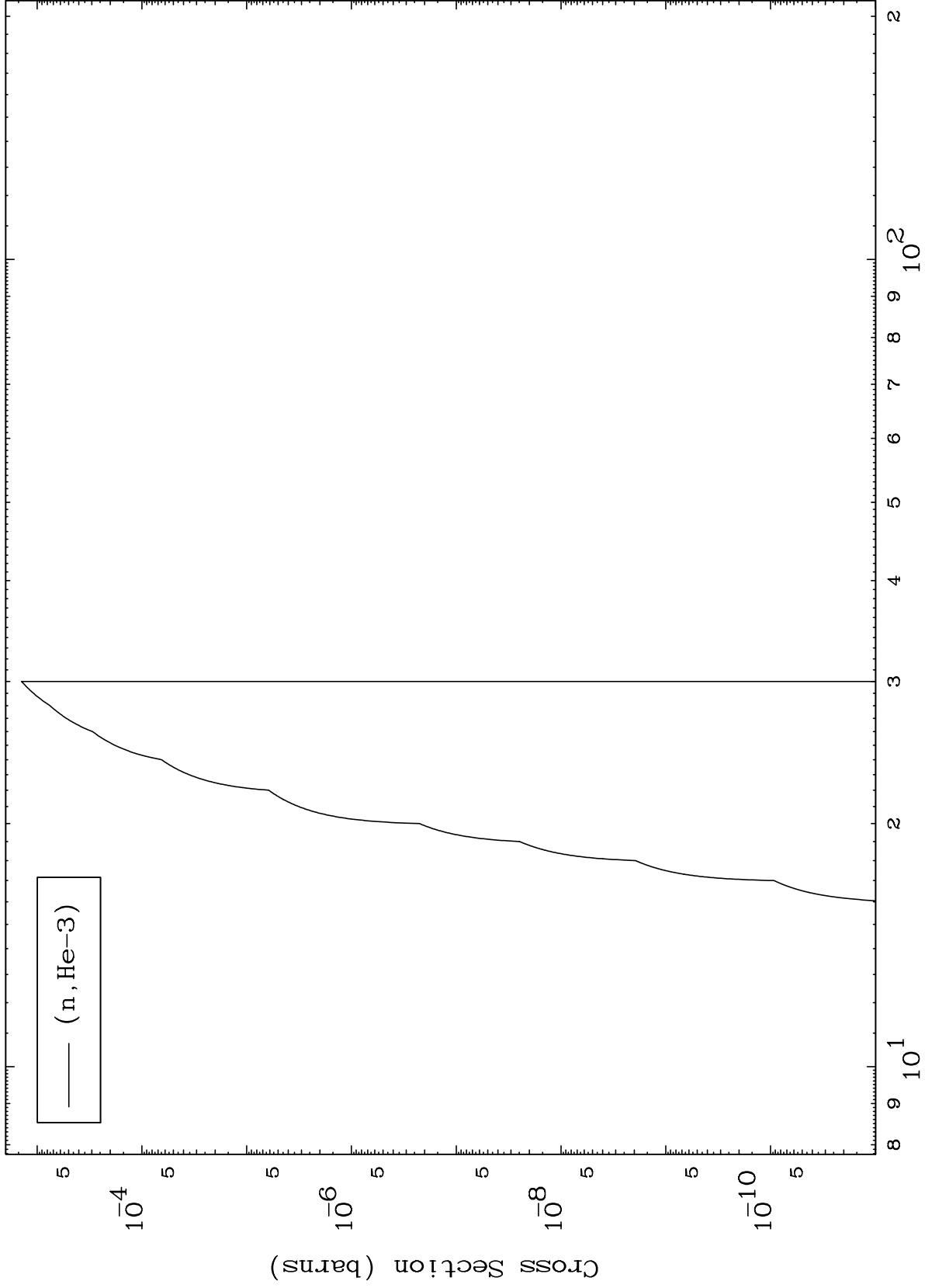
Incident Energy (MeV)

51-Sb-125

MAT 5137

(p,He3) Levels  
0 Kelvin Cross Sections

51-Sb-125



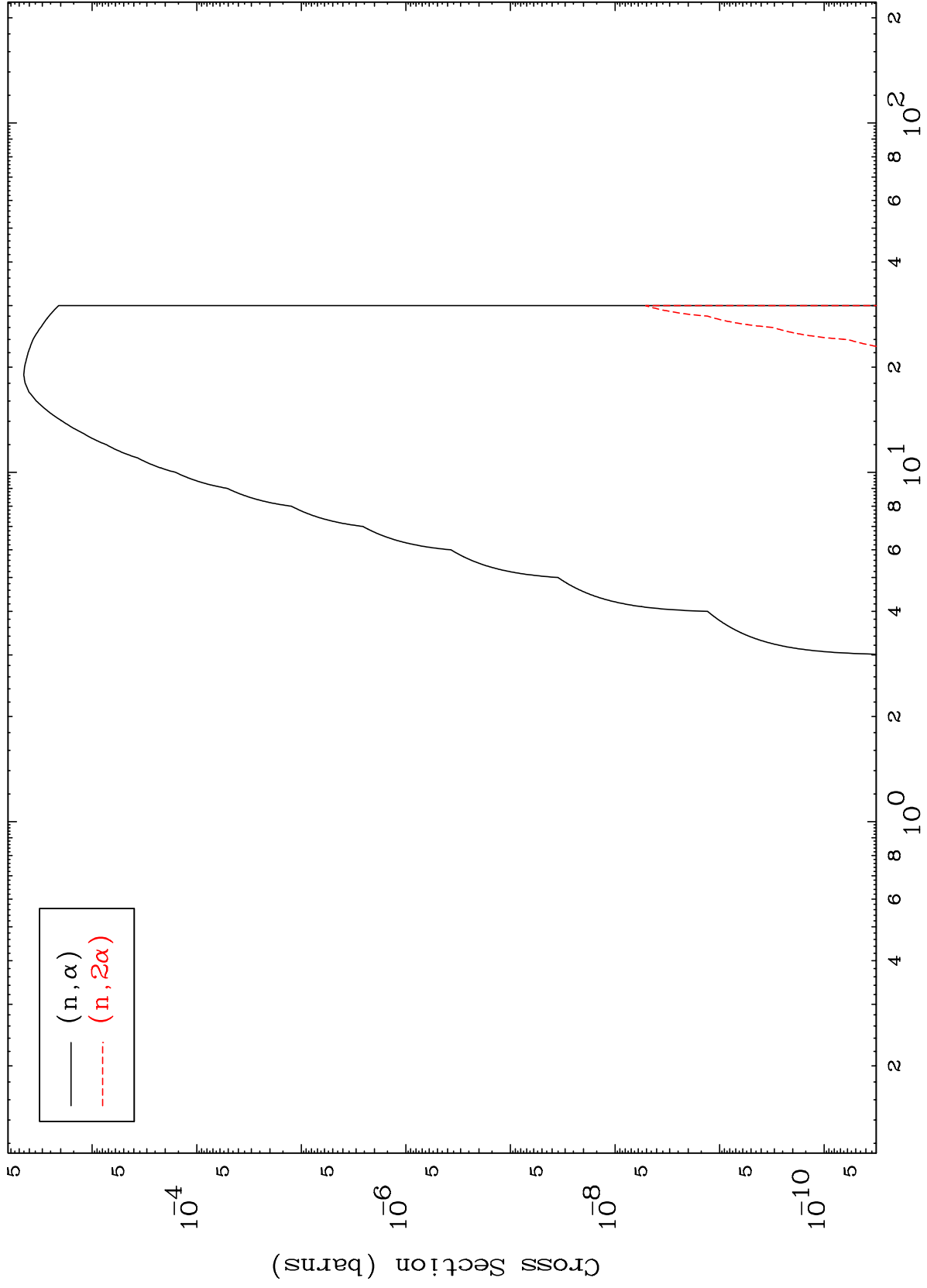
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

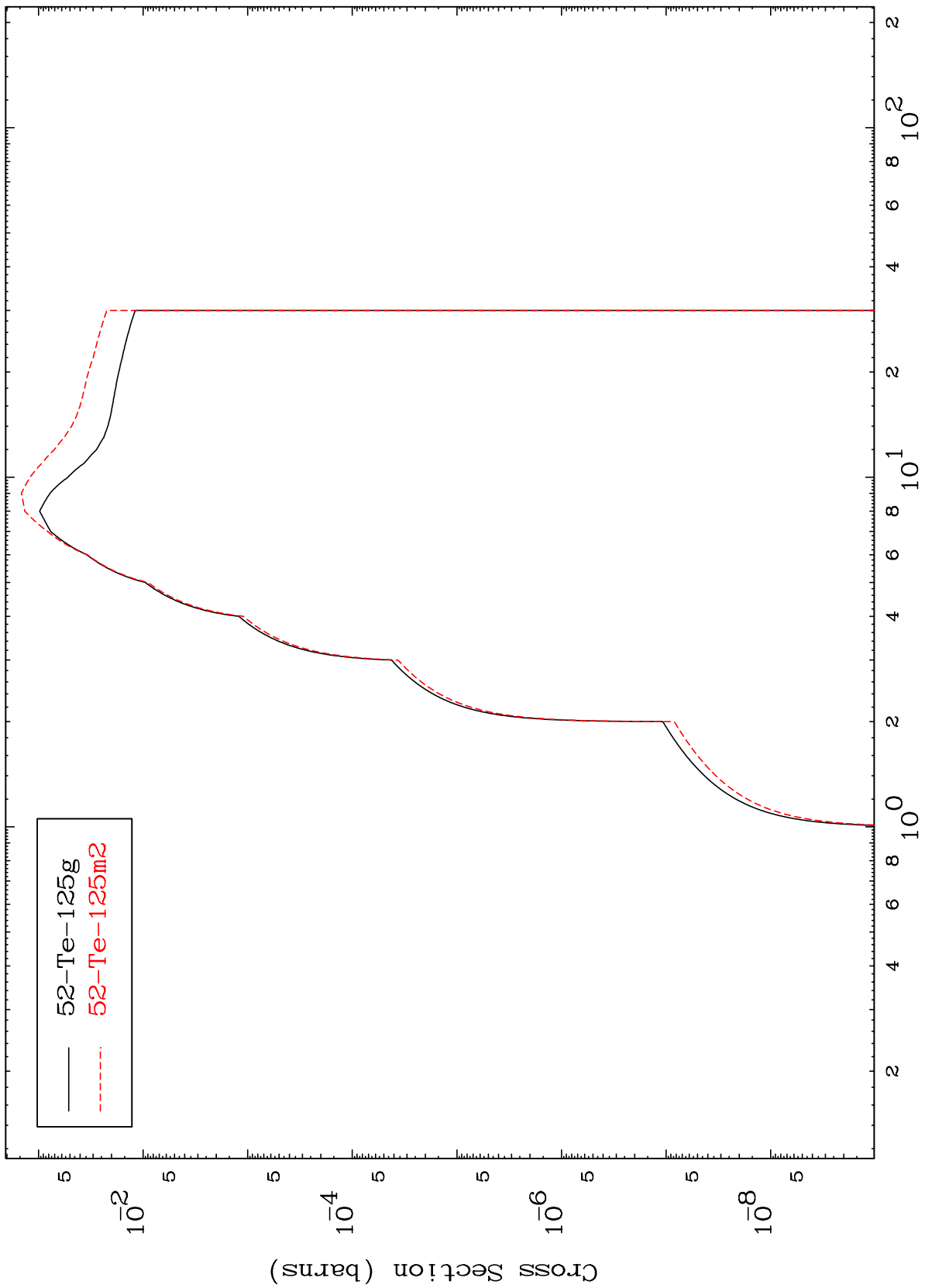
51-Sb-125



MAT 5137

51-Sb-125

Inelastic  
Radionuclide Production Cross Section



— 52-Te-125g  
- - - 52-Te-125m2

12

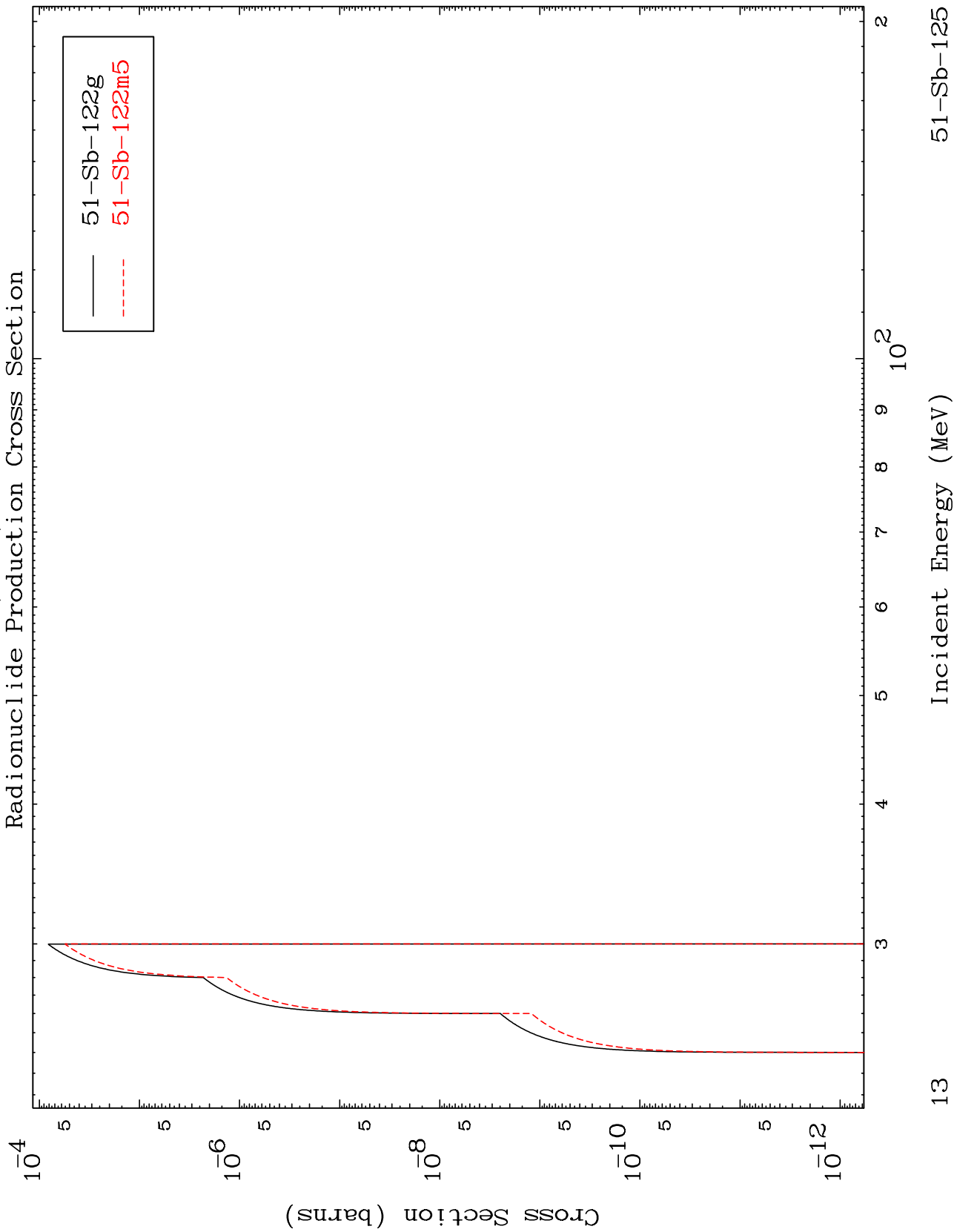
51-Sb-125

Incident Energy (MeV)

MAT 5137

(n,2n) d

51-Sb-125



13

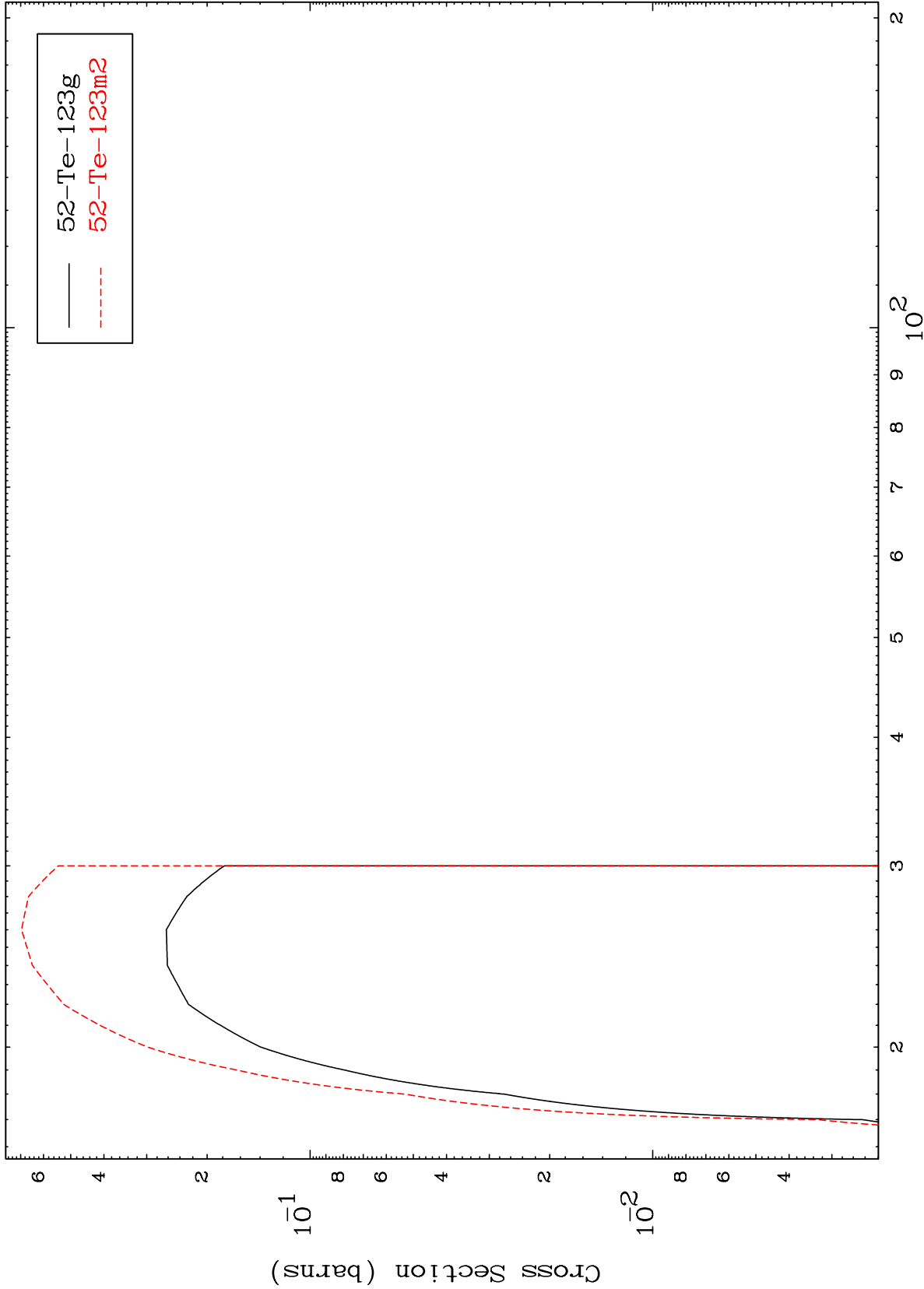
51-Sb-125

MAT 5137

(n,3n)

51-Sb-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

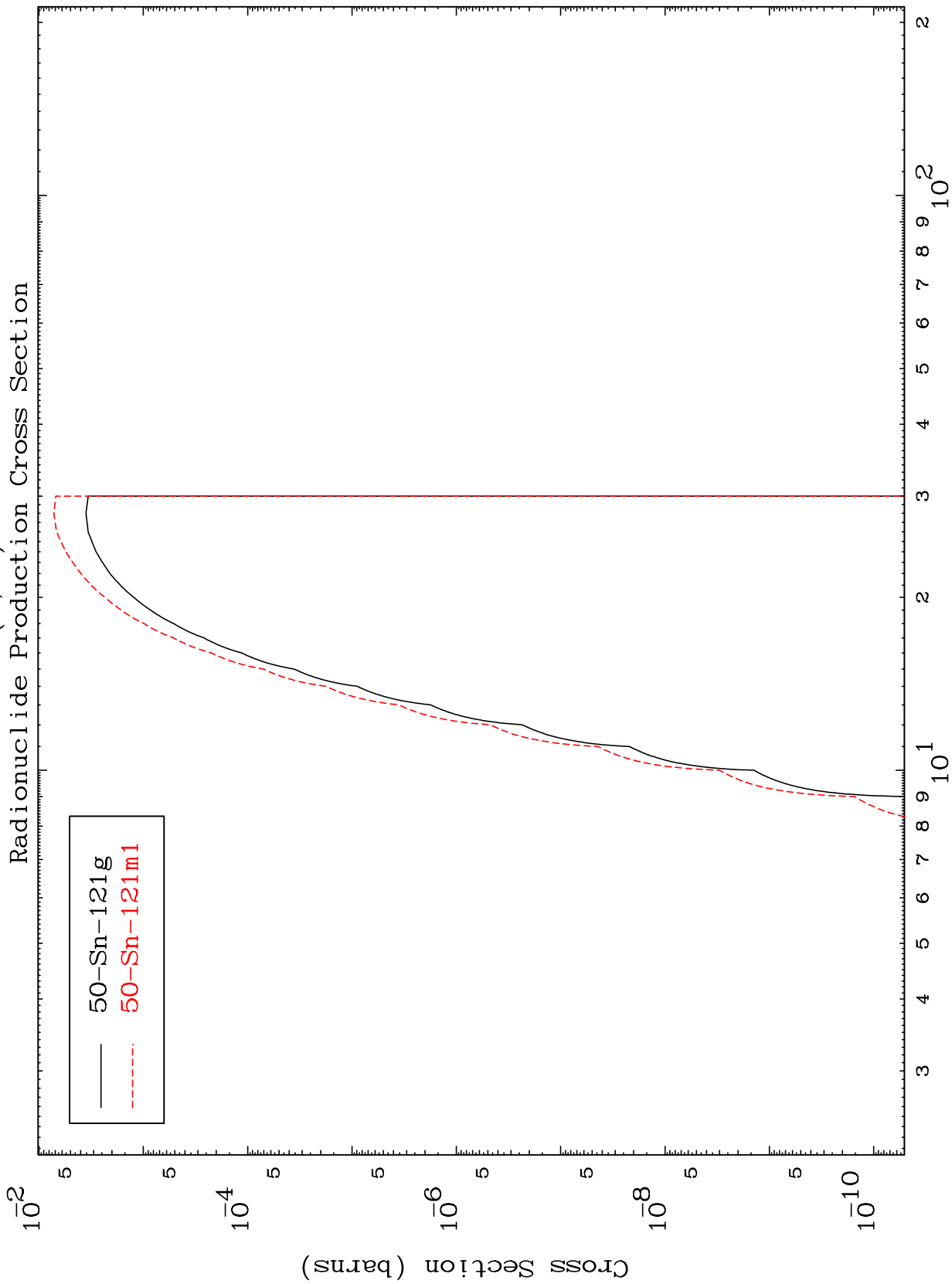
51-Sb-125

MAT 5137

51-Sb-125

(n,n')  $\alpha$

Radionuclide Production Cross Section



51-Sb-125

Incident Energy (MeV)

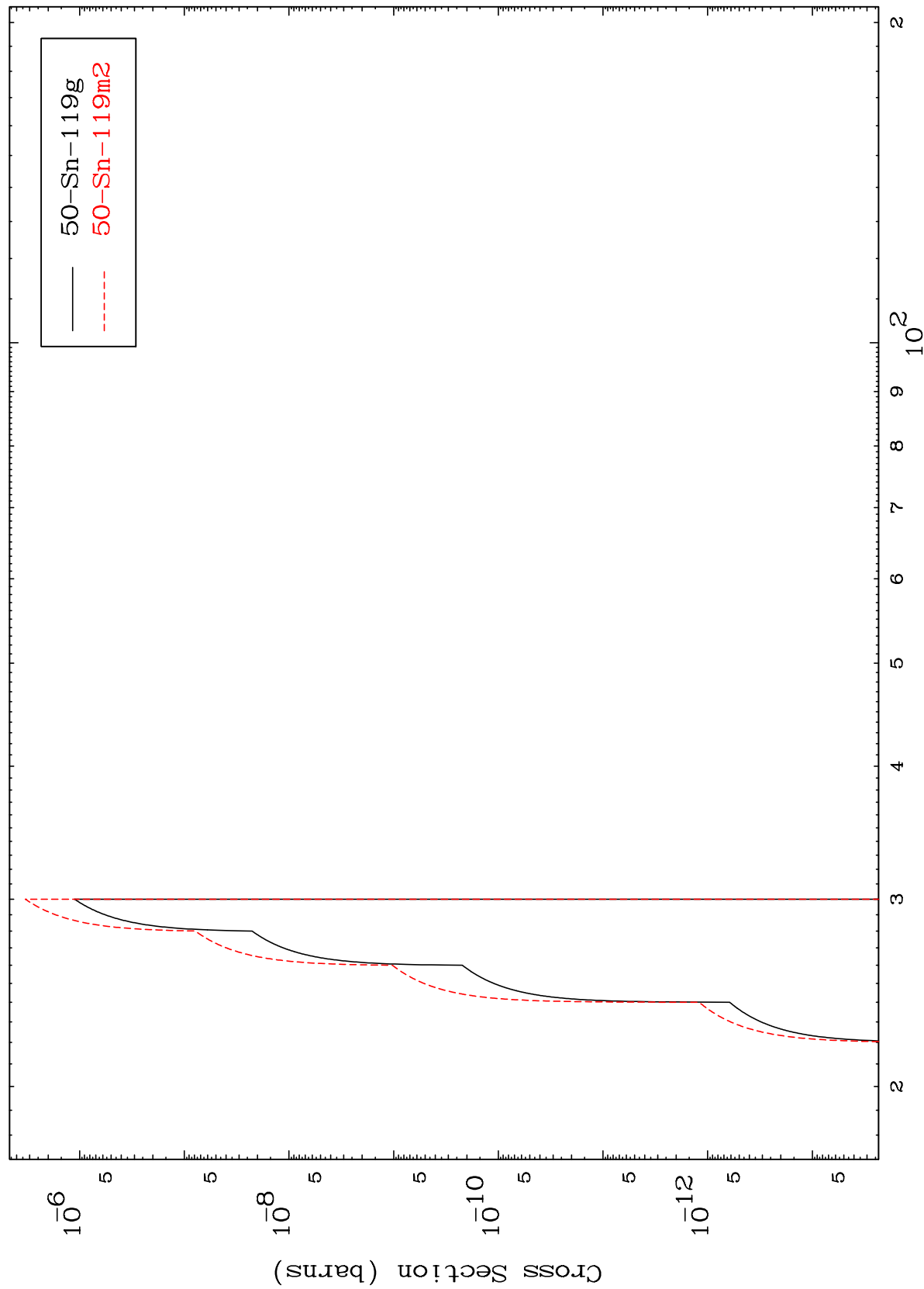
15

MAT 5137

(n,3n)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

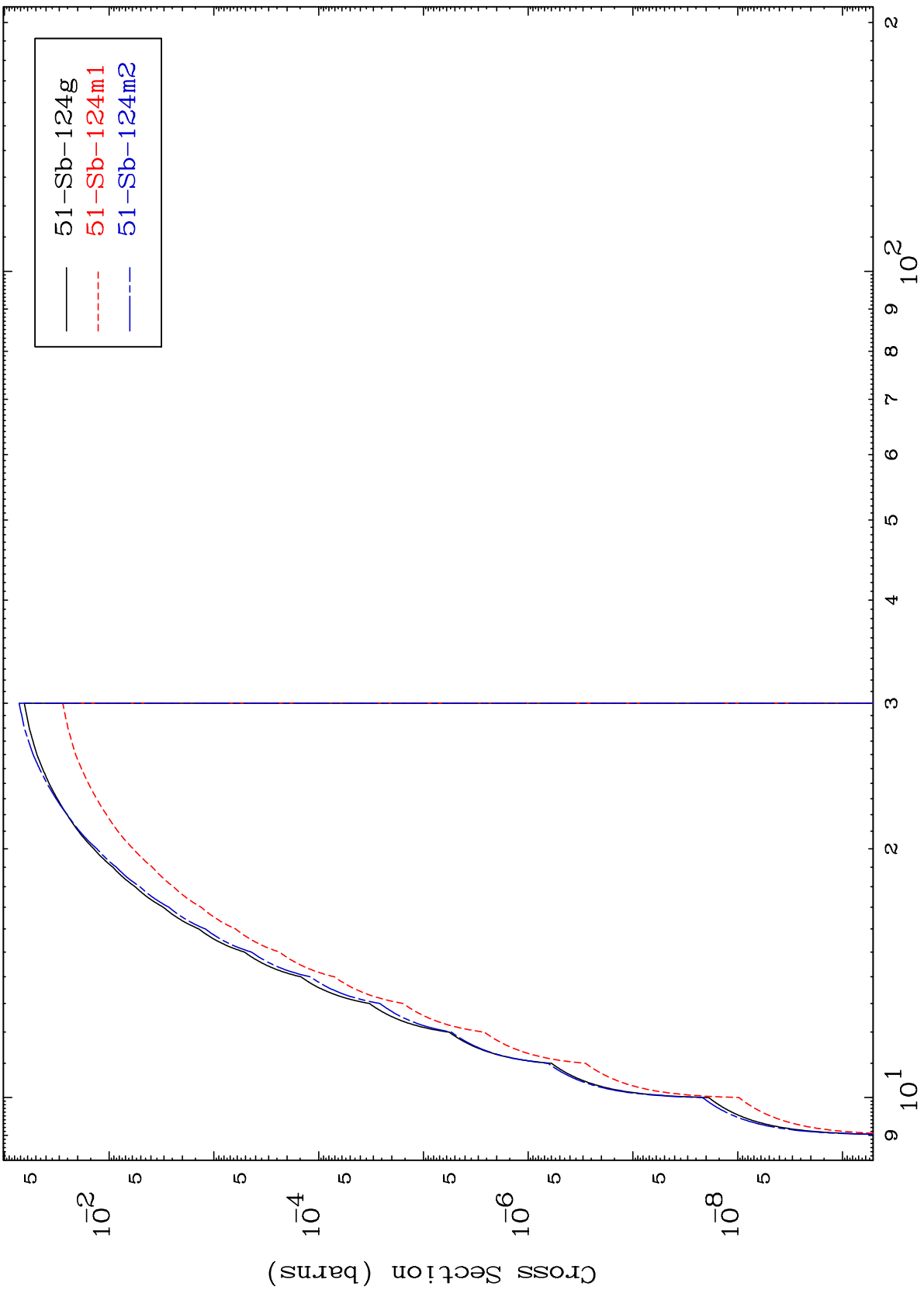
51-Sb-125

MAT 5137

(n,n') p

51-Sb-125

Radionuclide Production Cross Section



17

Incident Energy (MeV)

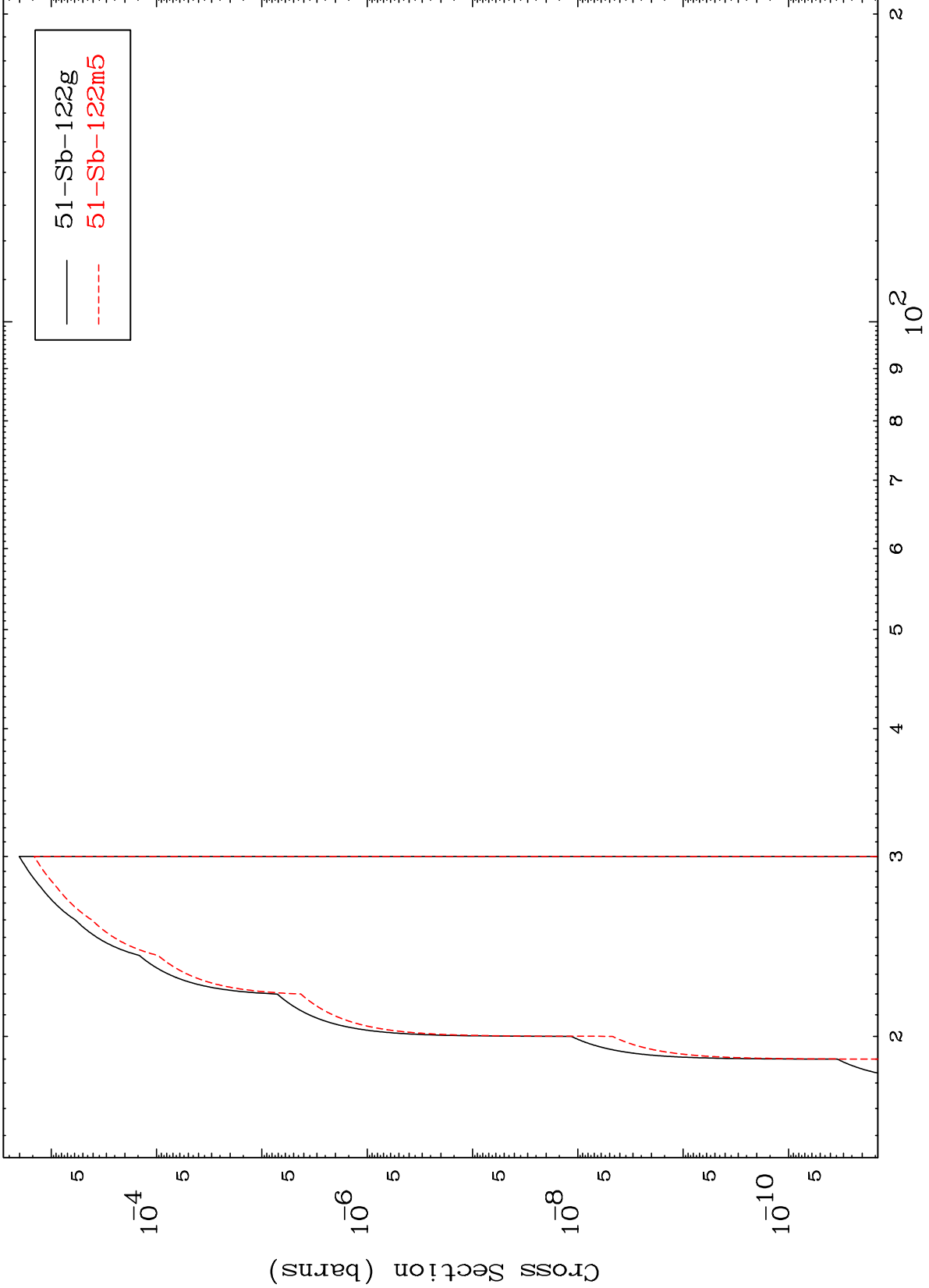
51-Sb-125

MAT 5137

(n,n') t

51-Sb-125

Radionuclide Production Cross Section

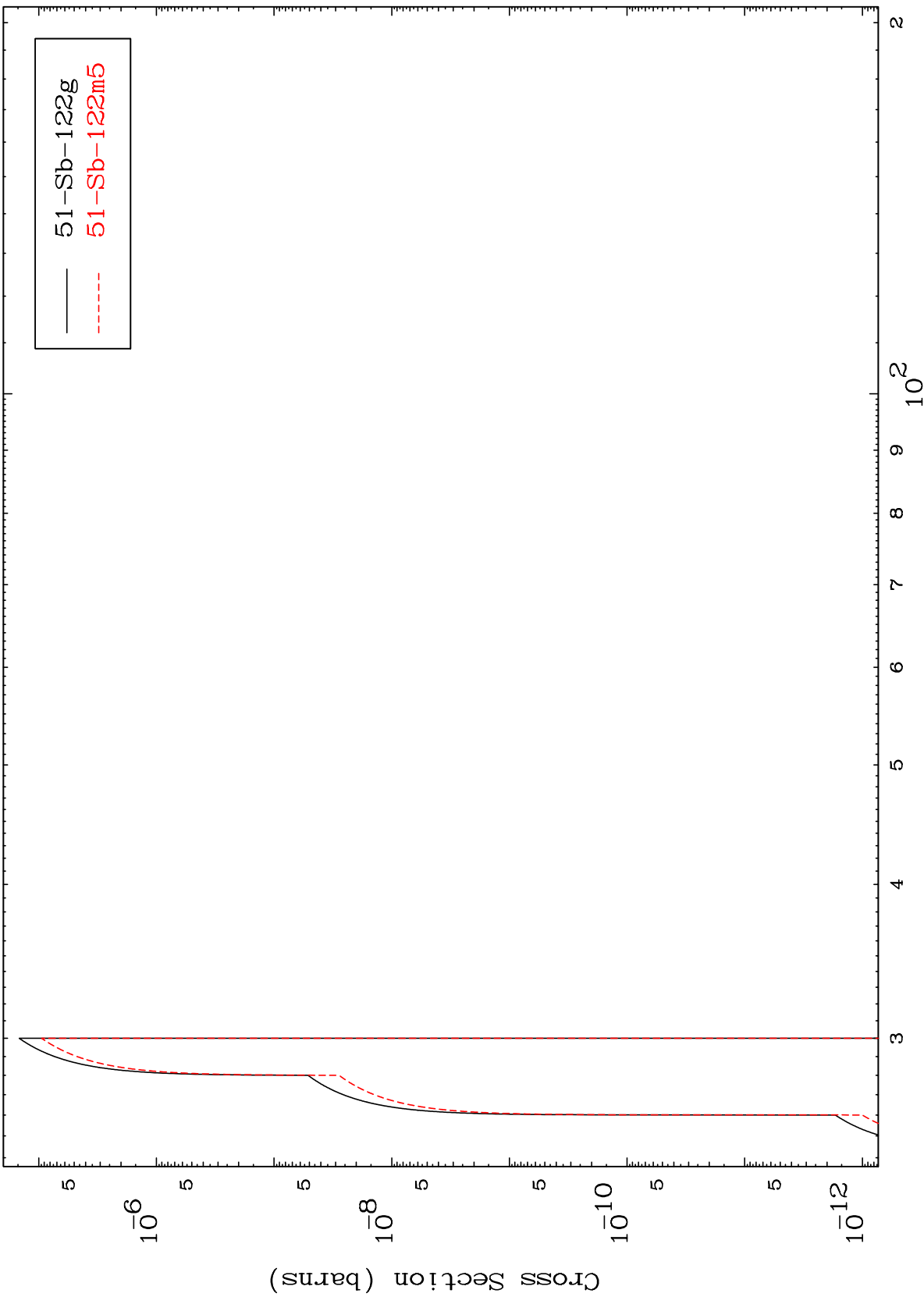


18

Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section



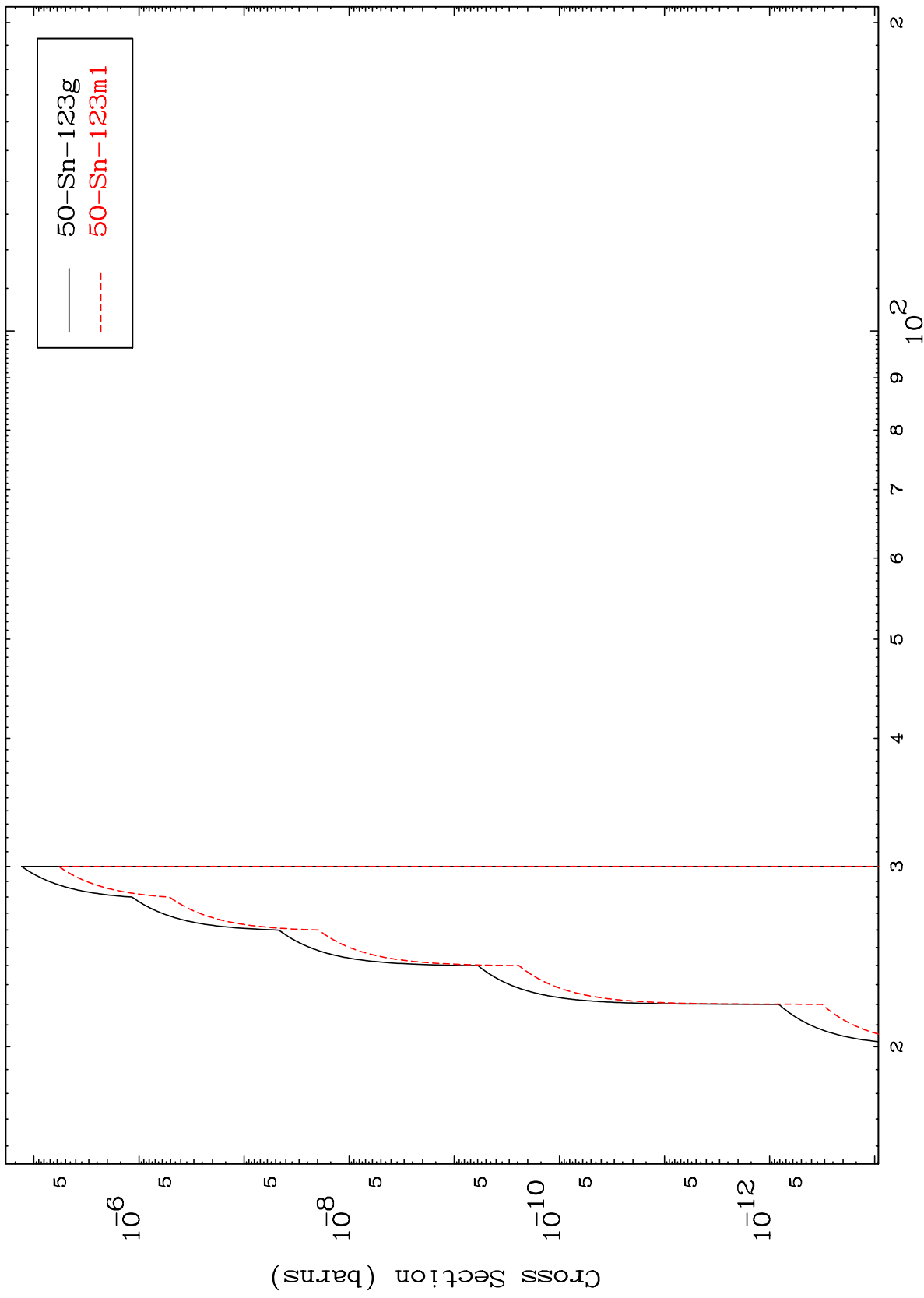
51-Sb-122g  
51-Sb-122m5

MAT 5137

(n,2n) p

51-Sb-125

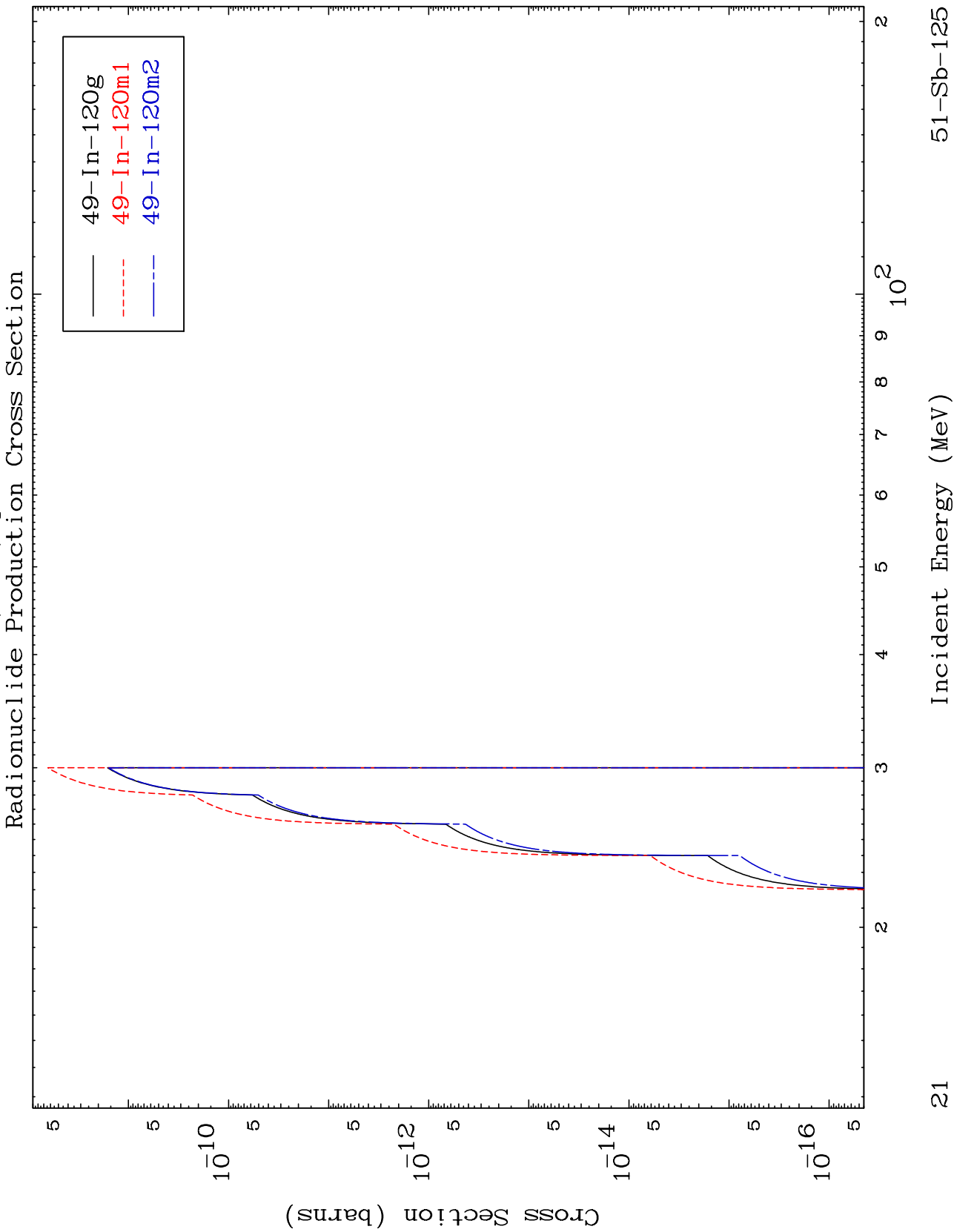
Radionuclide Production Cross Section



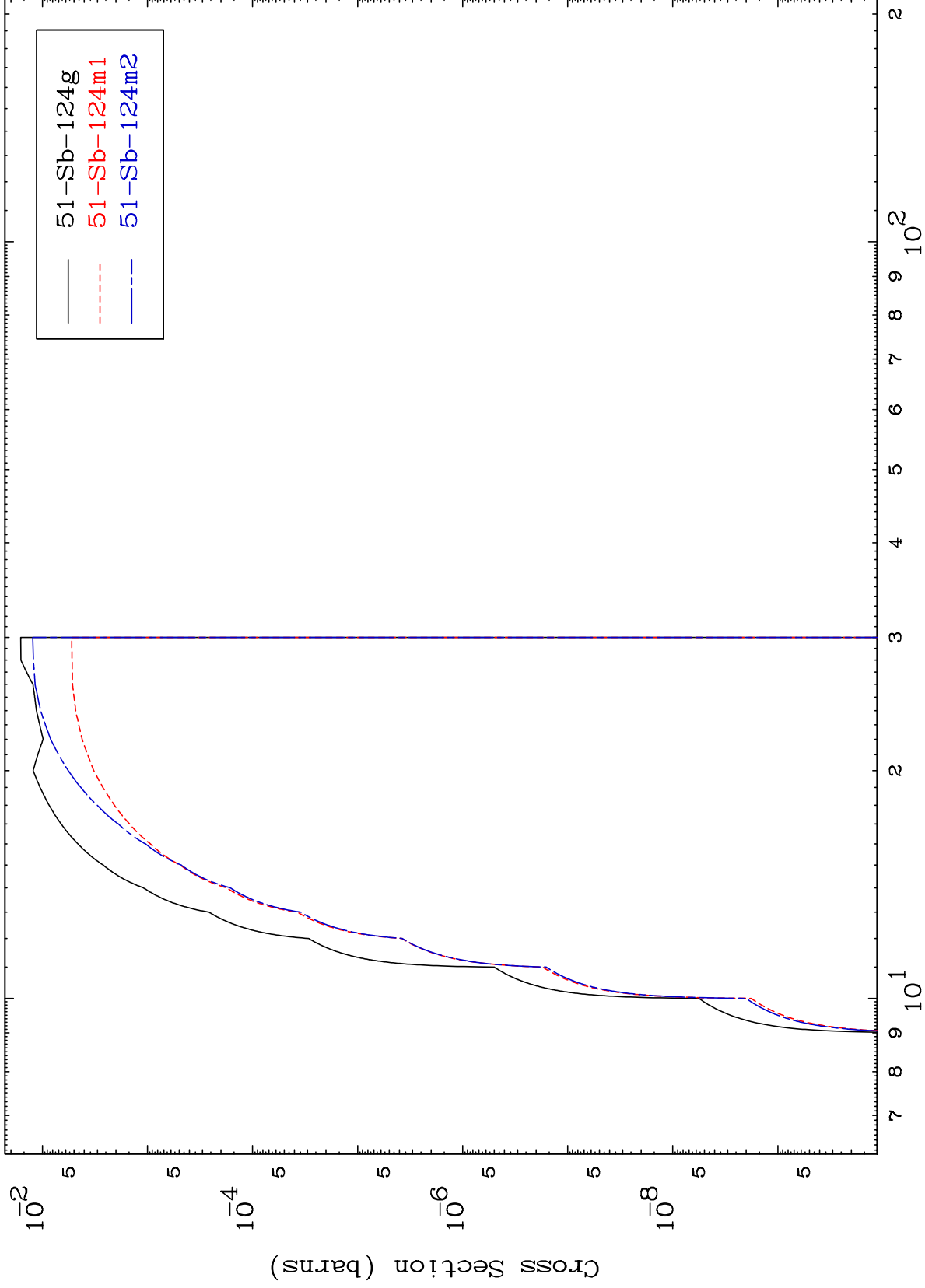
20

Incident Energy (MeV)

51-Sb-125



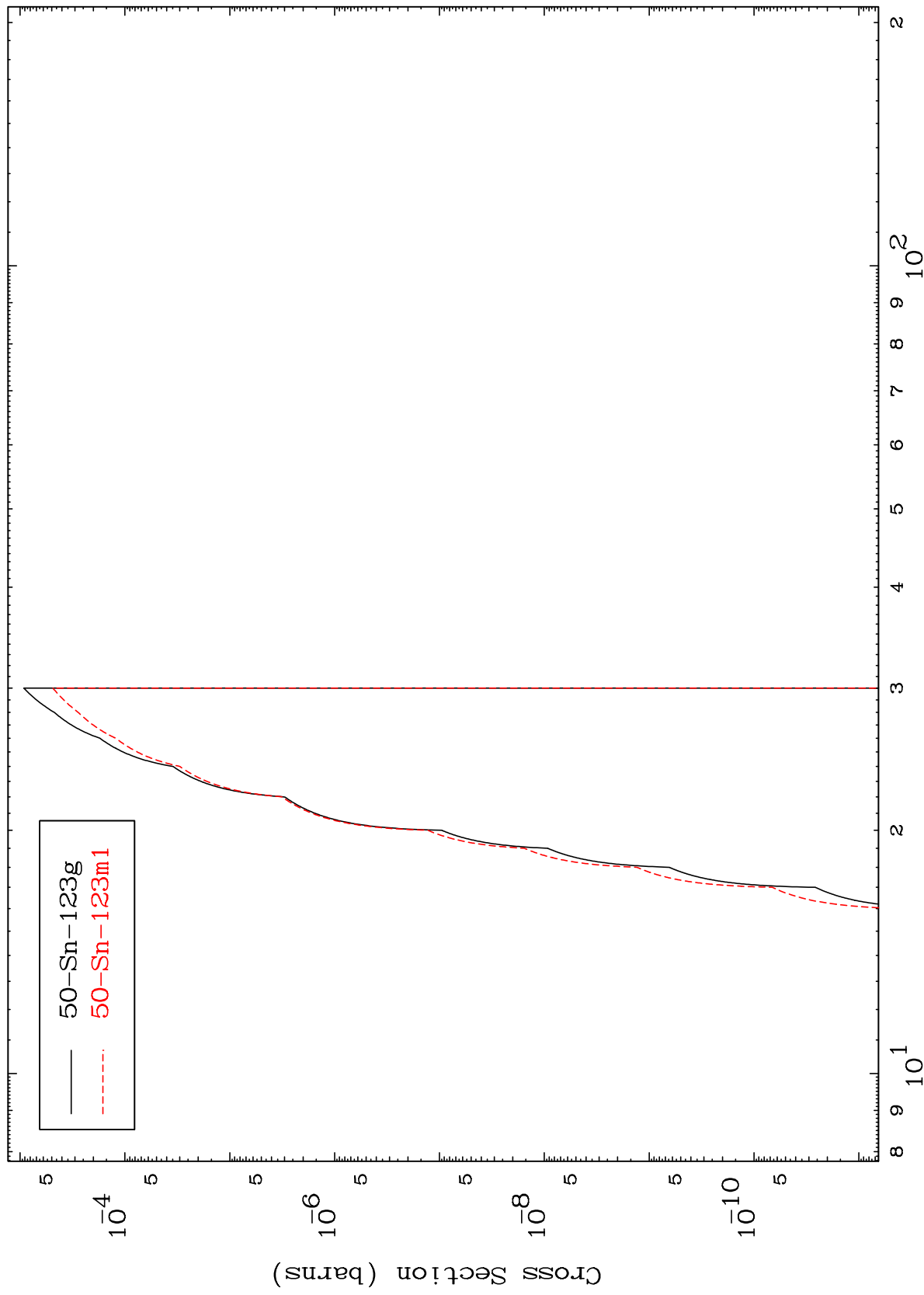
Radionuclide Production Cross Section



MAT 5137

51-Sb-125

(n,He-3)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

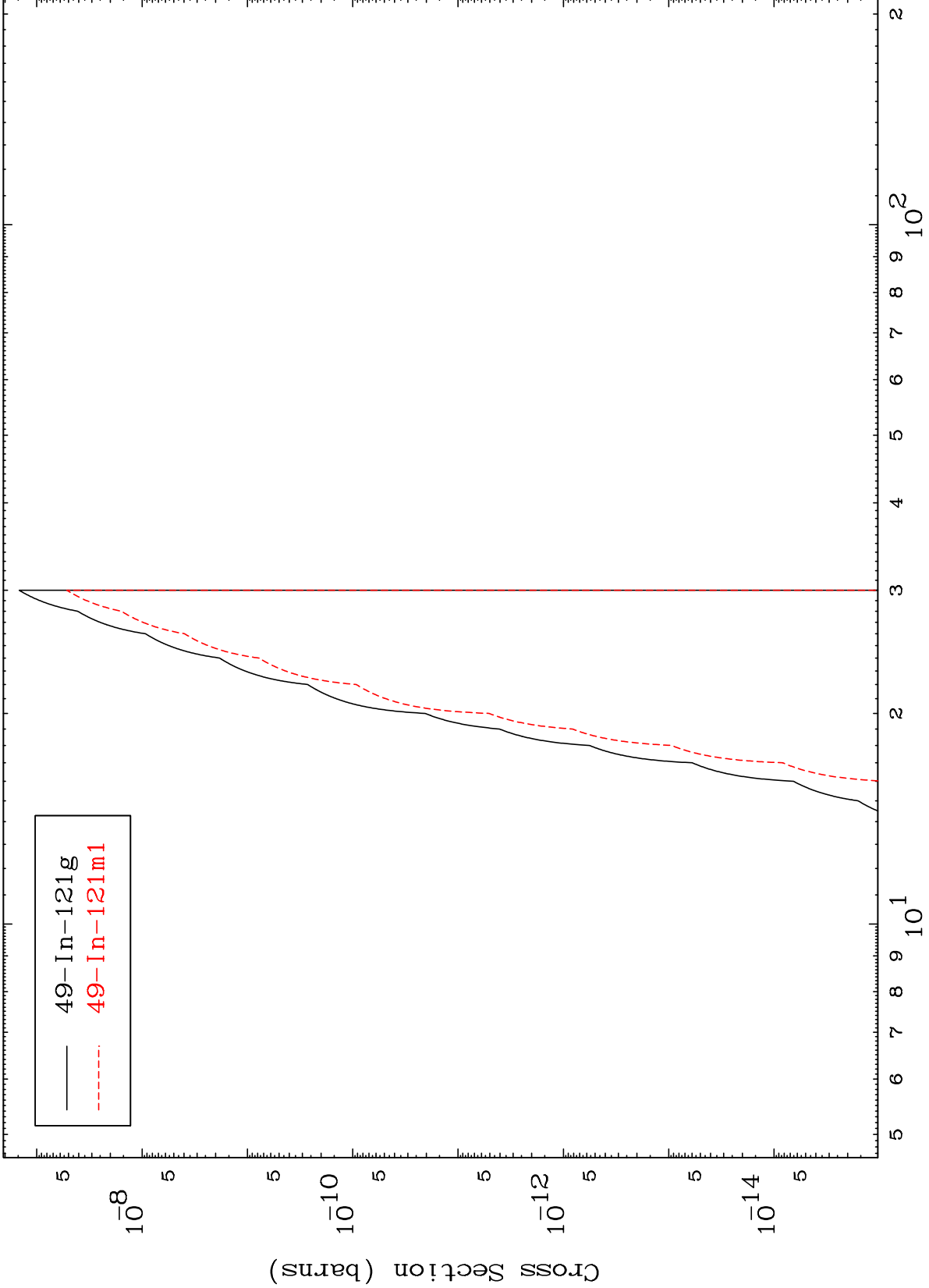
51-Sb-125

MAT 5137

(n,p)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



24

Incident Energy (MeV)

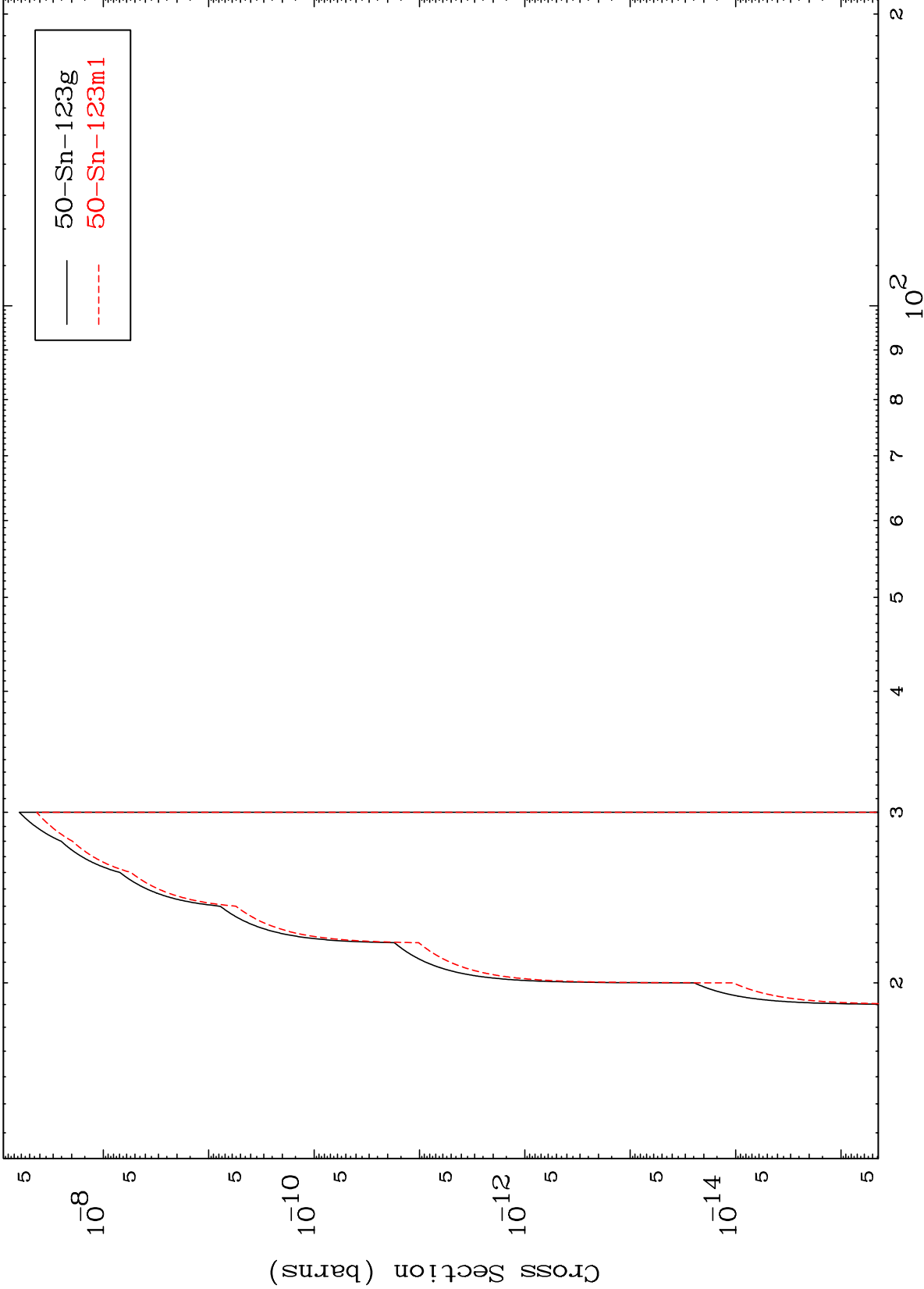
51-Sb-125

MAT 5137

(n,p) d

51-Sb-125

Radionuclide Production Cross Section



25

Incident Energy (MeV)

51-Sb-125