

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

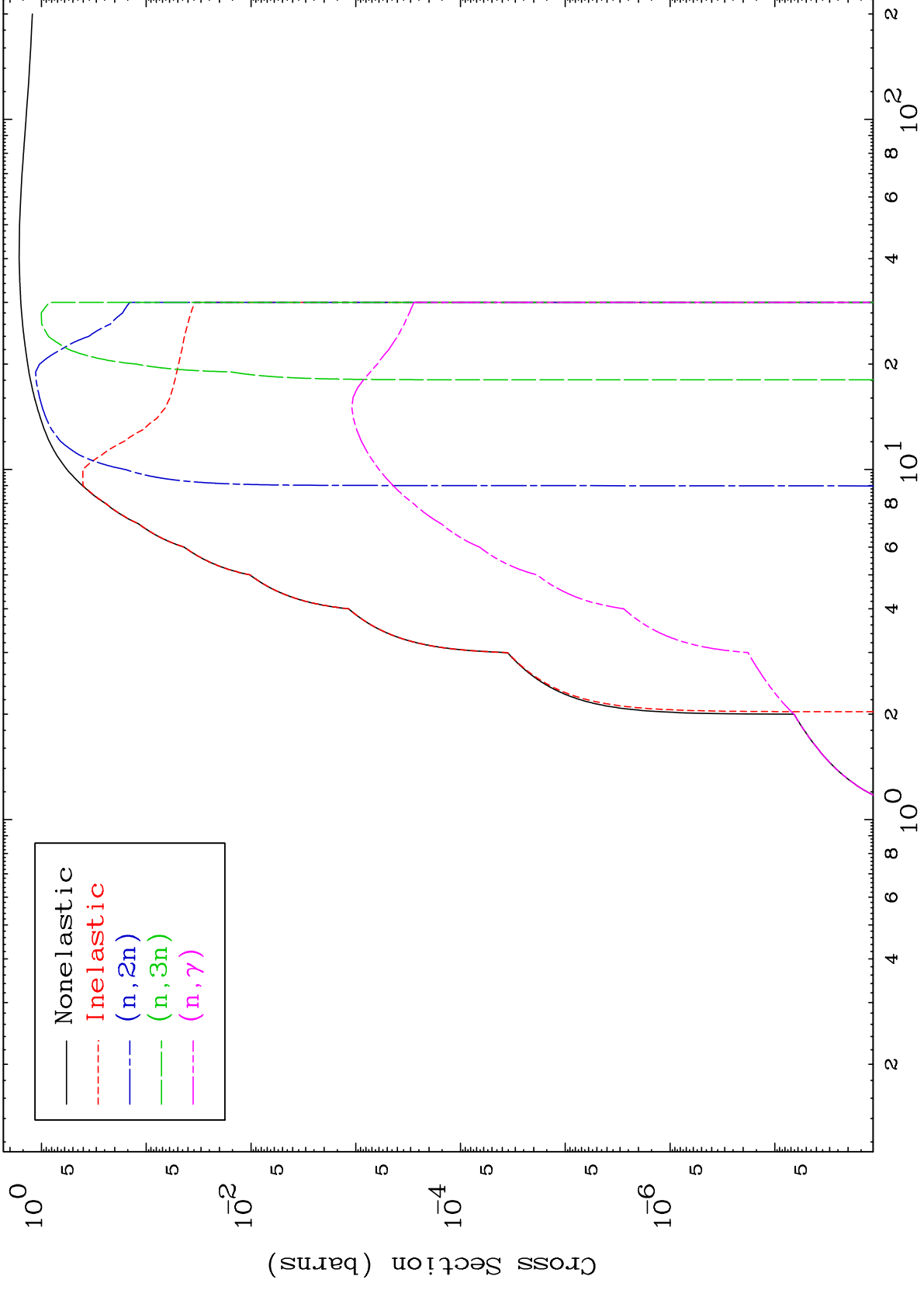
Press Mouse Button to Start

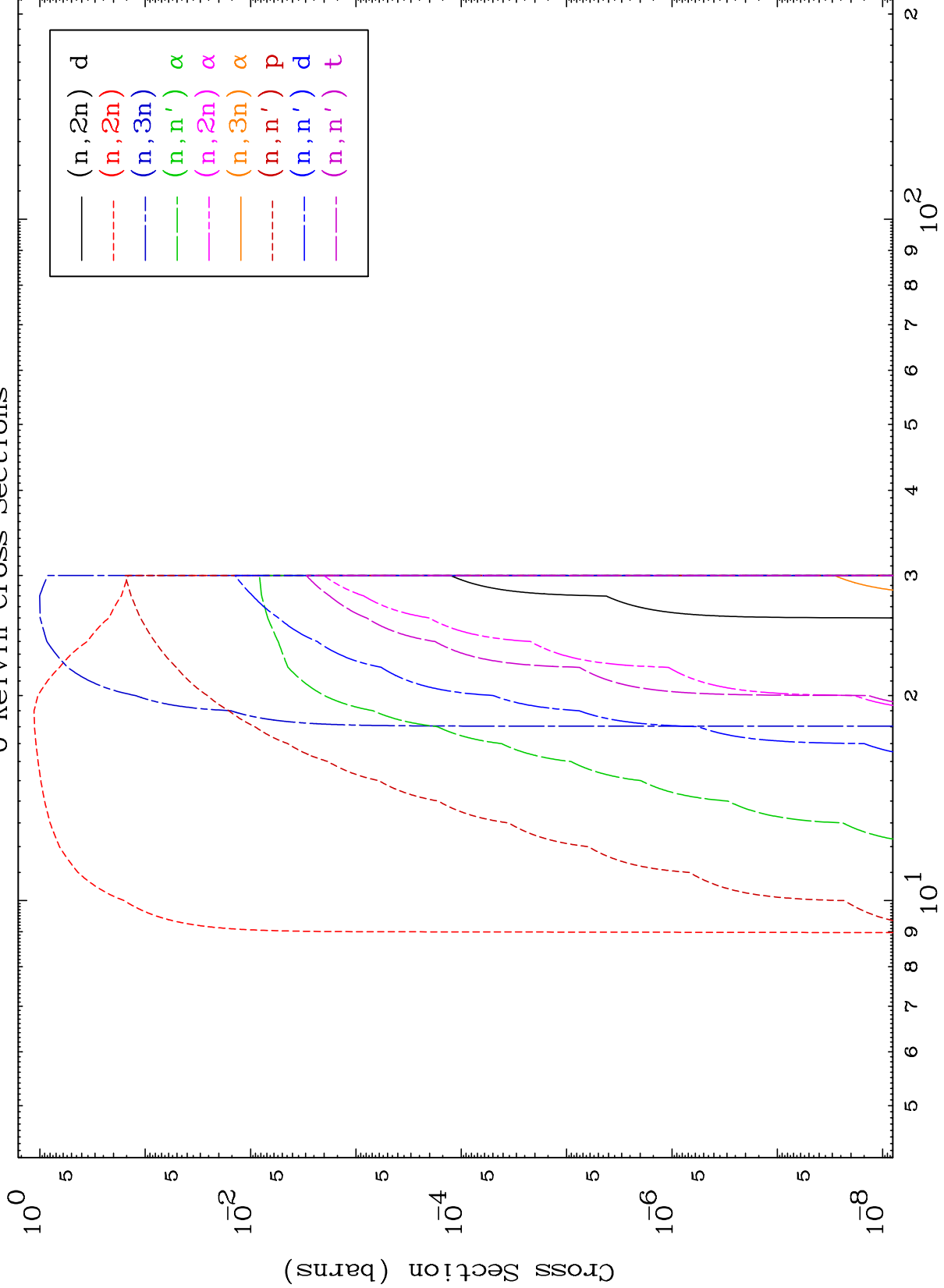
MAT 5455

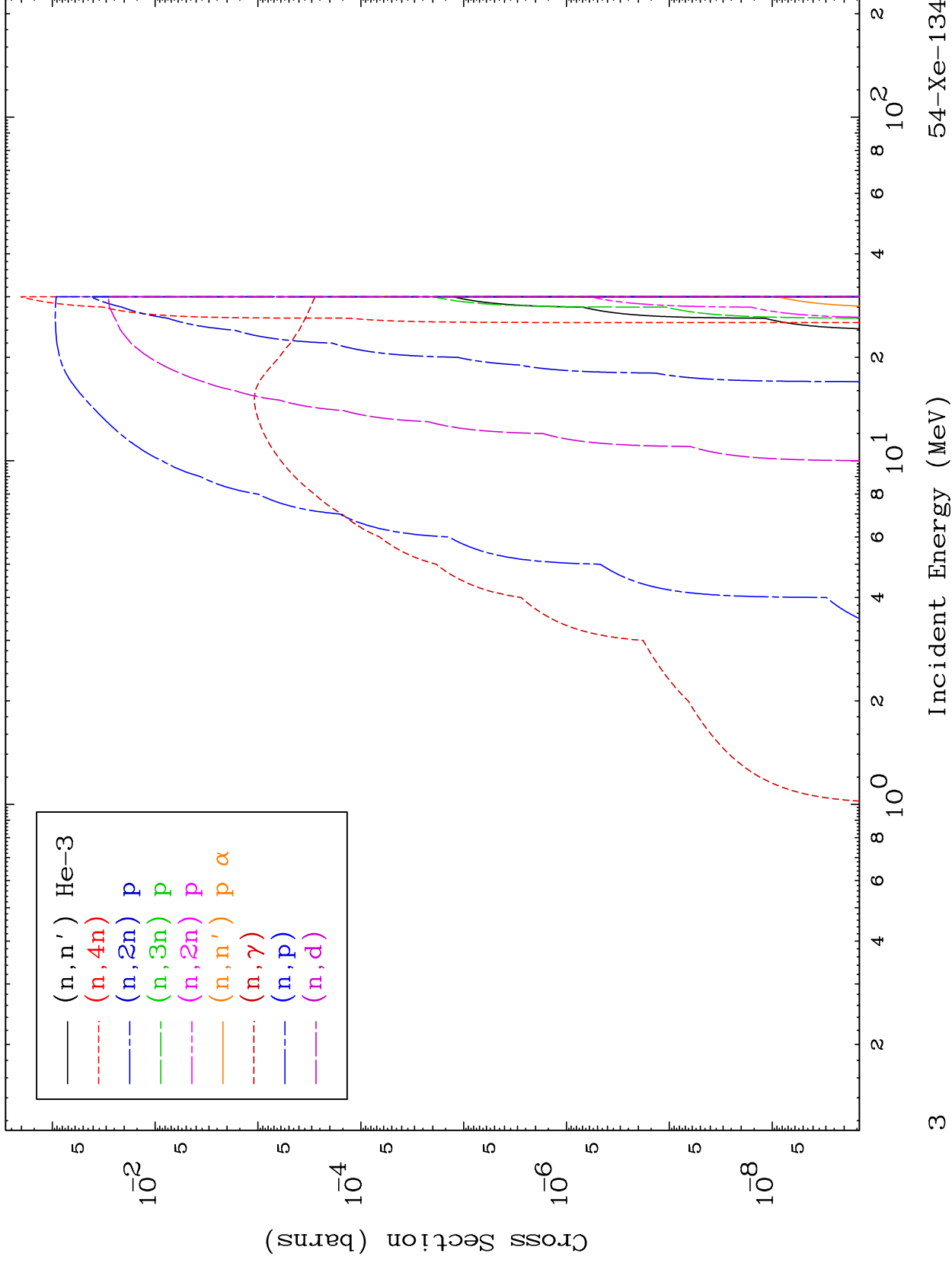
Proton Major

54-Xe-134

0 Kelvin Cross Sections



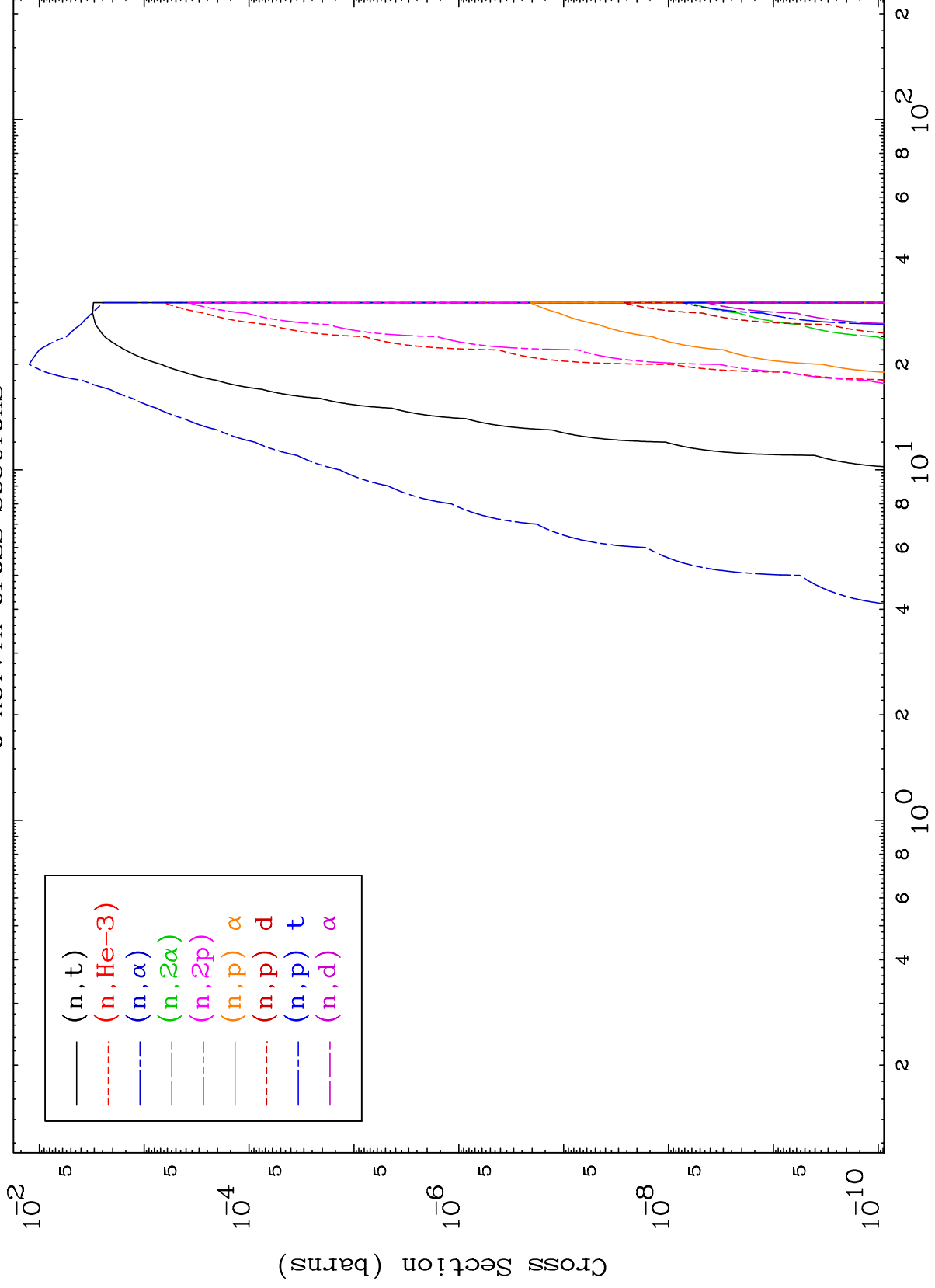




MAT 5455

Proton Neutron Absorption  
0 Kelvin Cross Sections

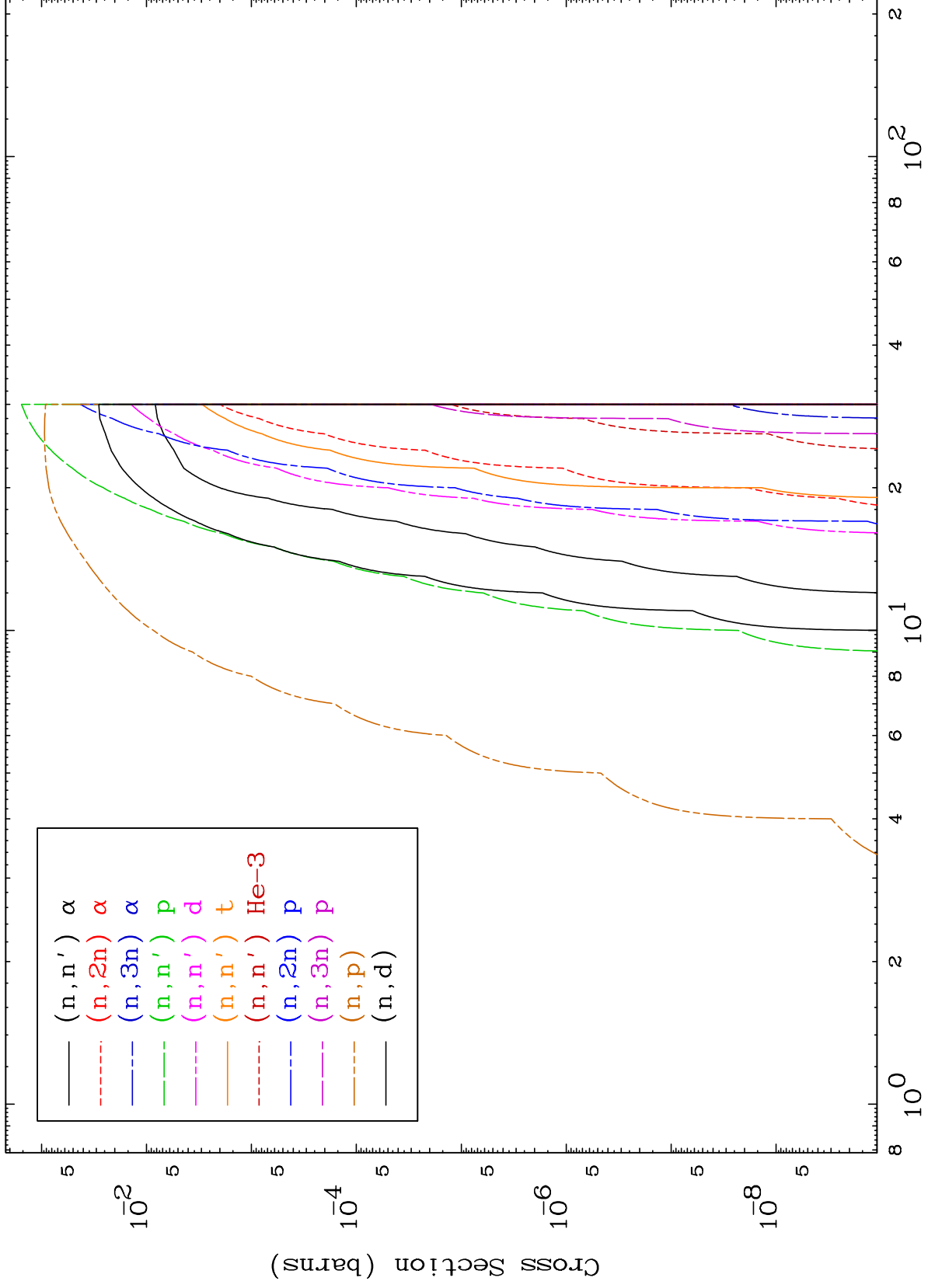
54-Xe-134



MAT 5455

Proton Charged Particle  
0 Kelvin Cross Sections

54-Xe-134



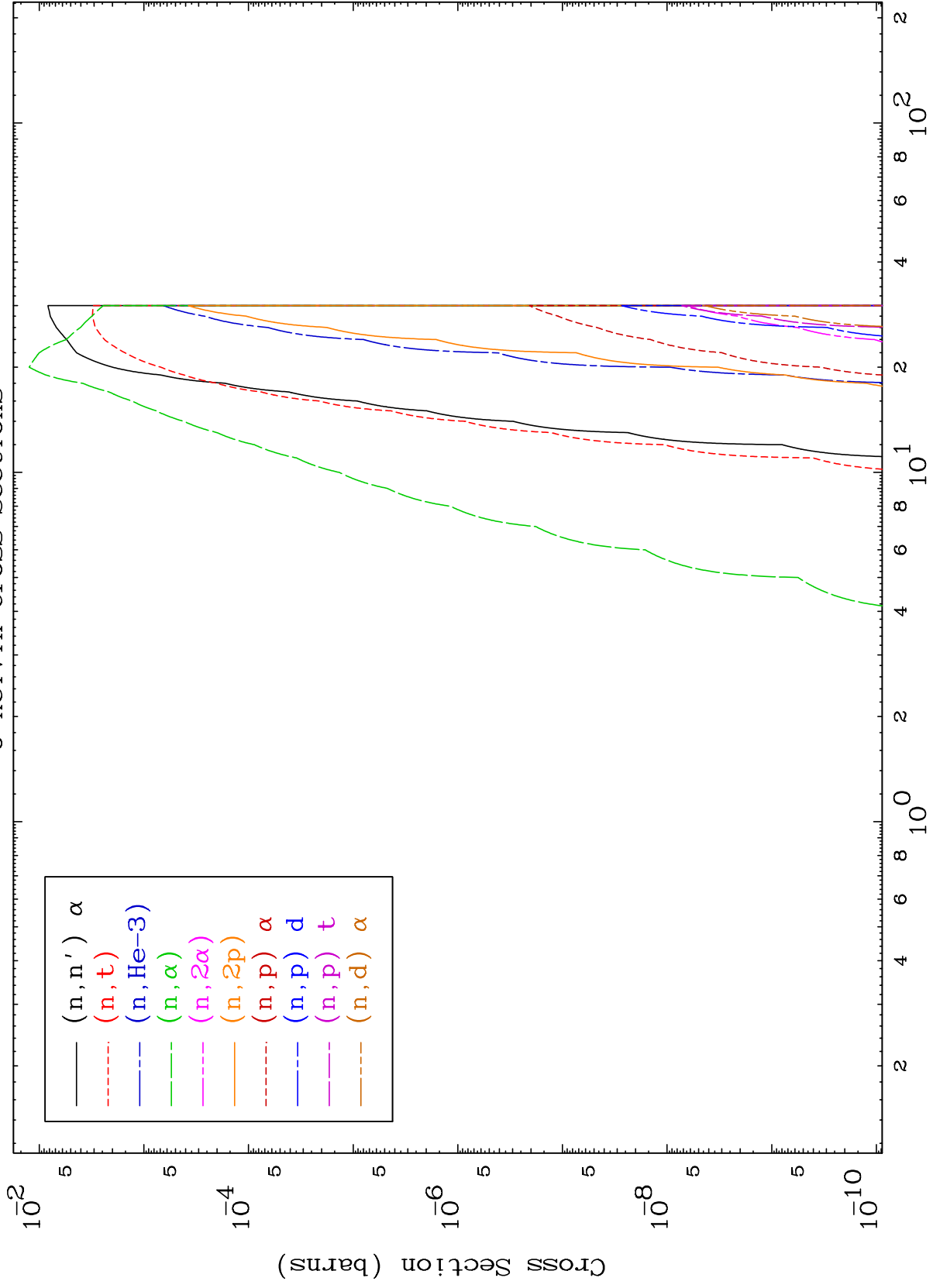
Incident Energy (MeV)

54-Xe-134

MAT 5455

Proton Charged Particle  
0 Kelvin Cross Sections

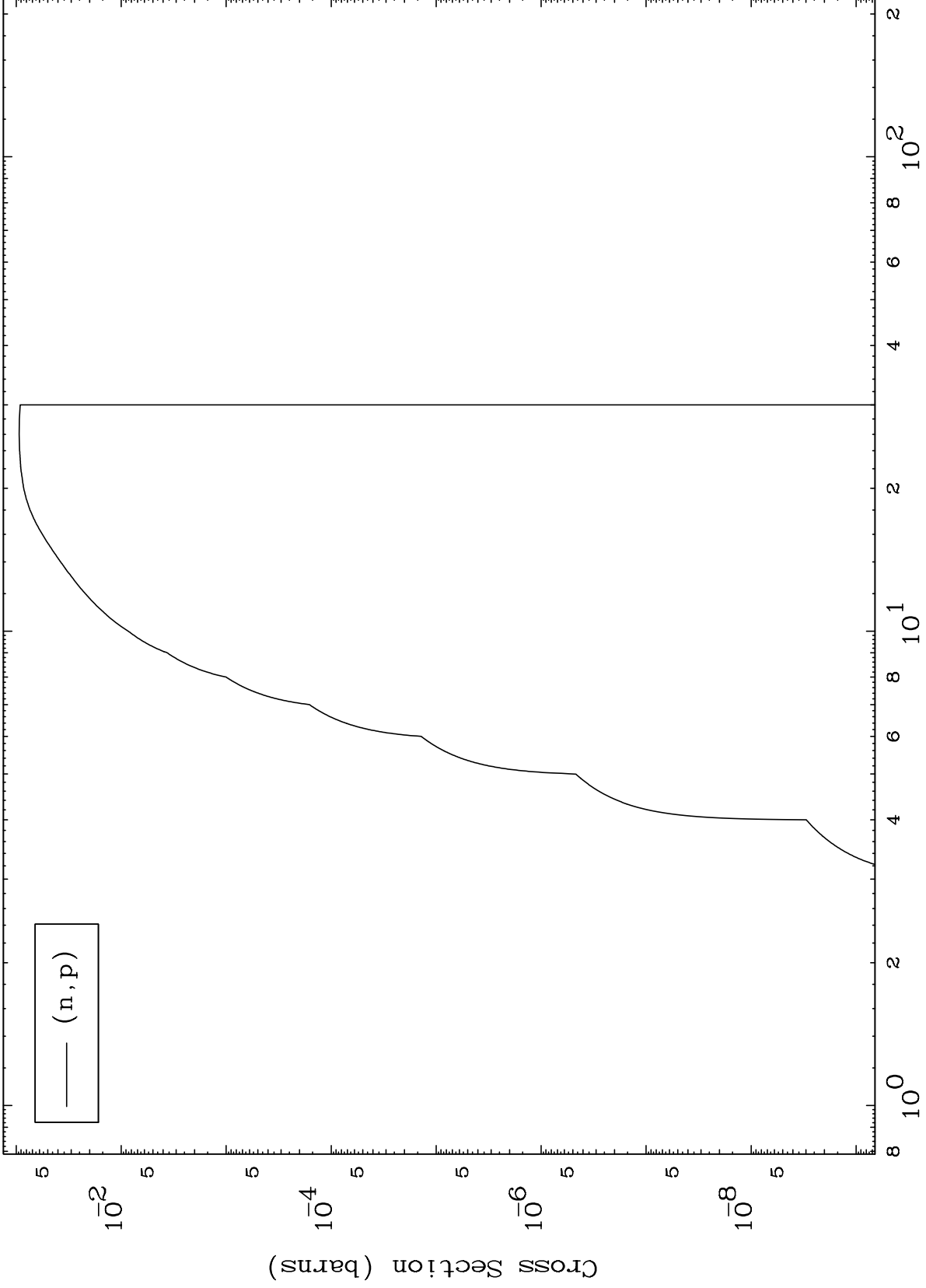
54-Xe-134



MAT 5455

54-Xe-134

(p,p) Levels  
0 Kelvin Cross Sections



54-Xe-134

Incident Energy (MeV)

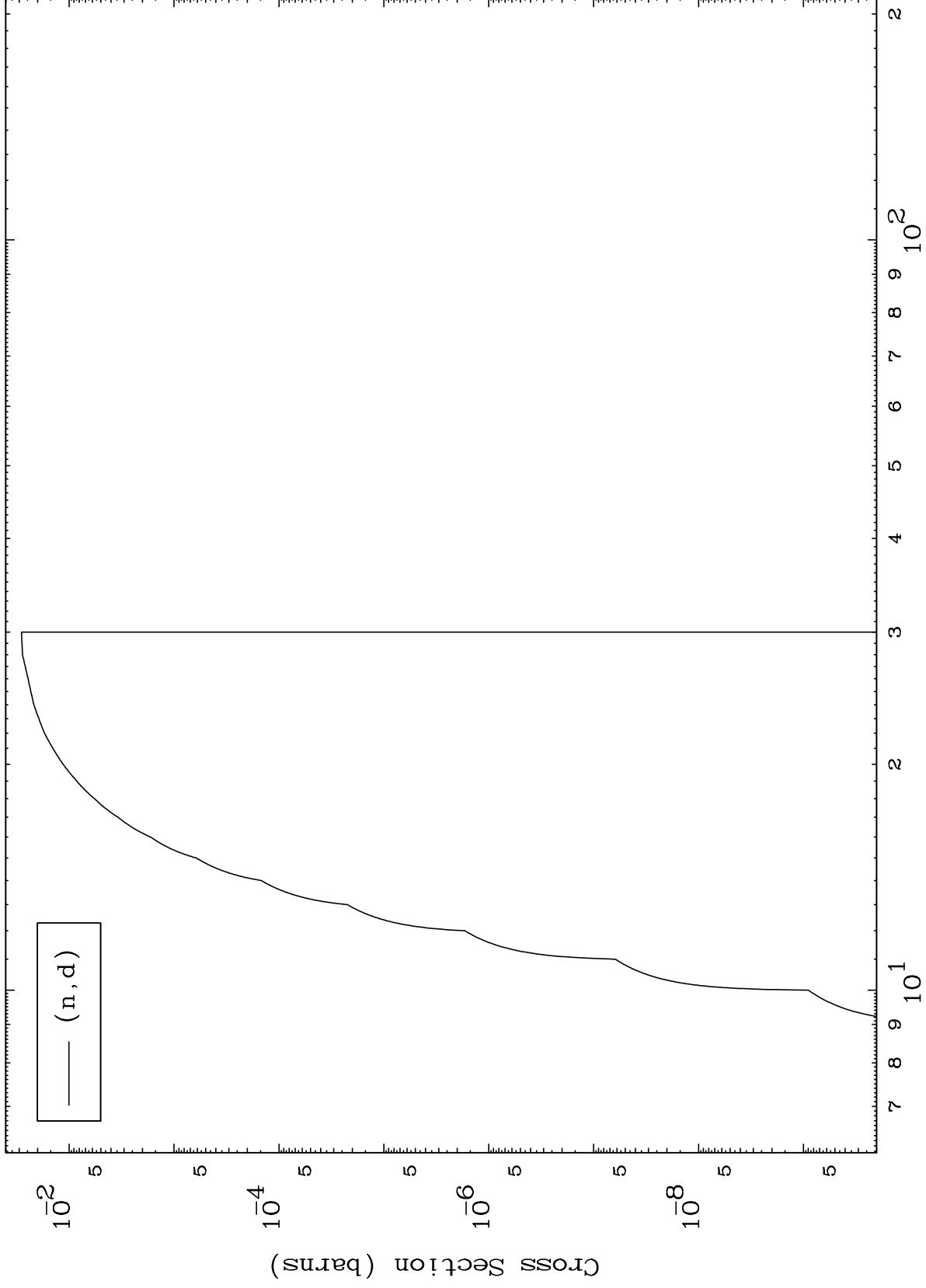
7



MAT 5455

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-134



8

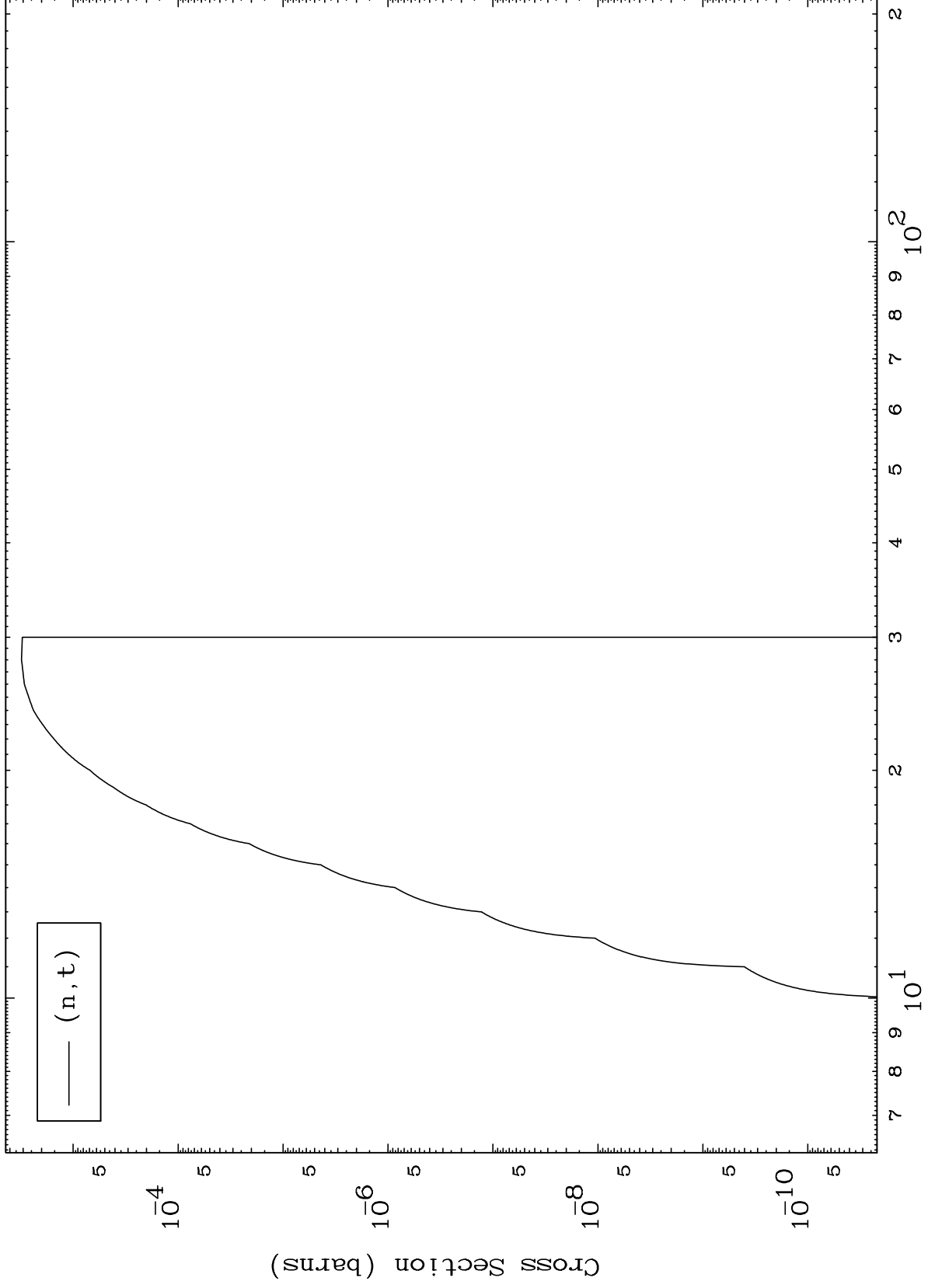
Incident Energy (MeV)

54-Xe-134

MAT 5455

(p, t) Levels  
0 Kelvin Cross Sections

54-Xe-134



9

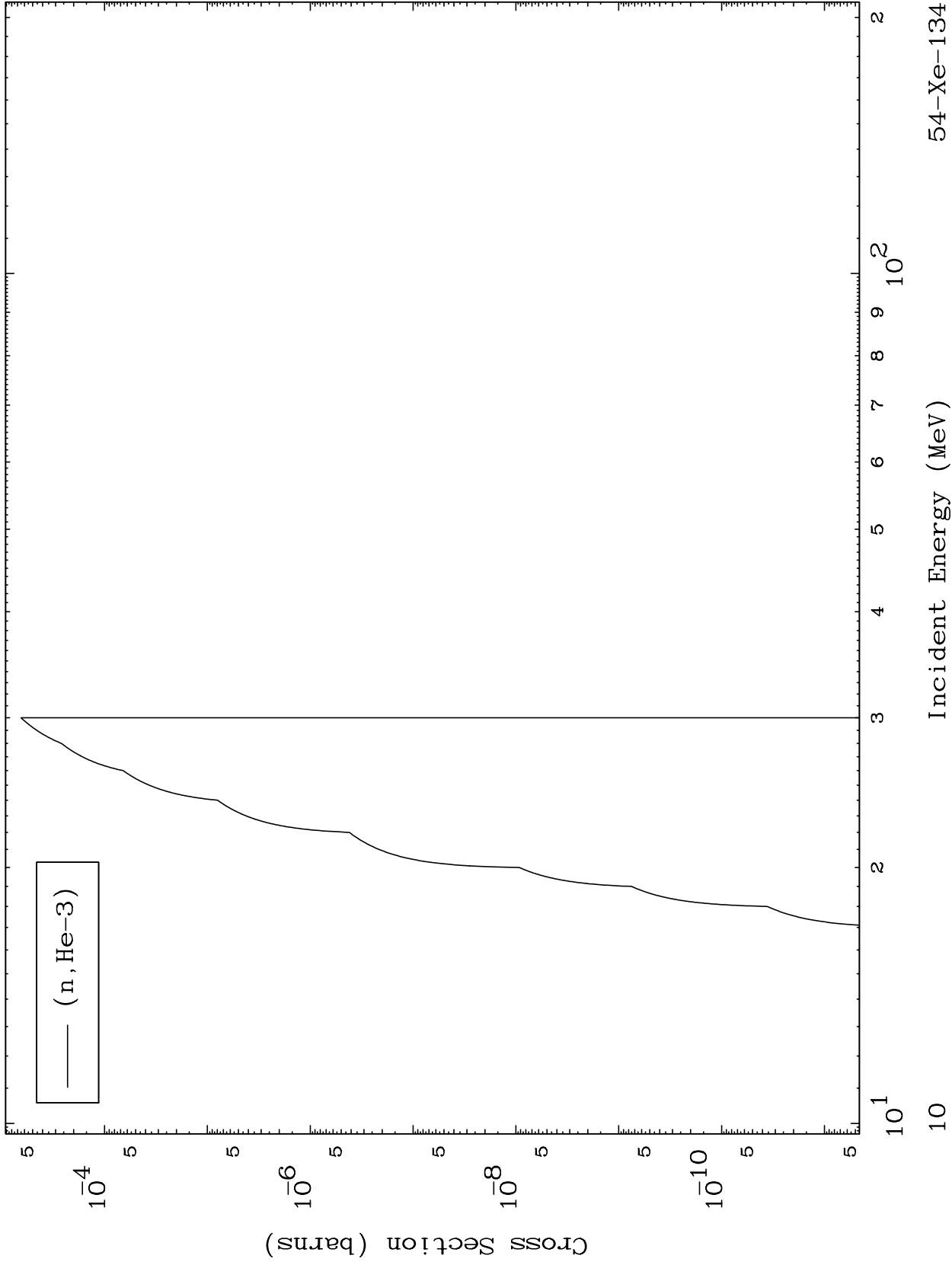
Incident Energy (MeV)

54-Xe-134

MAT 5455

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-134



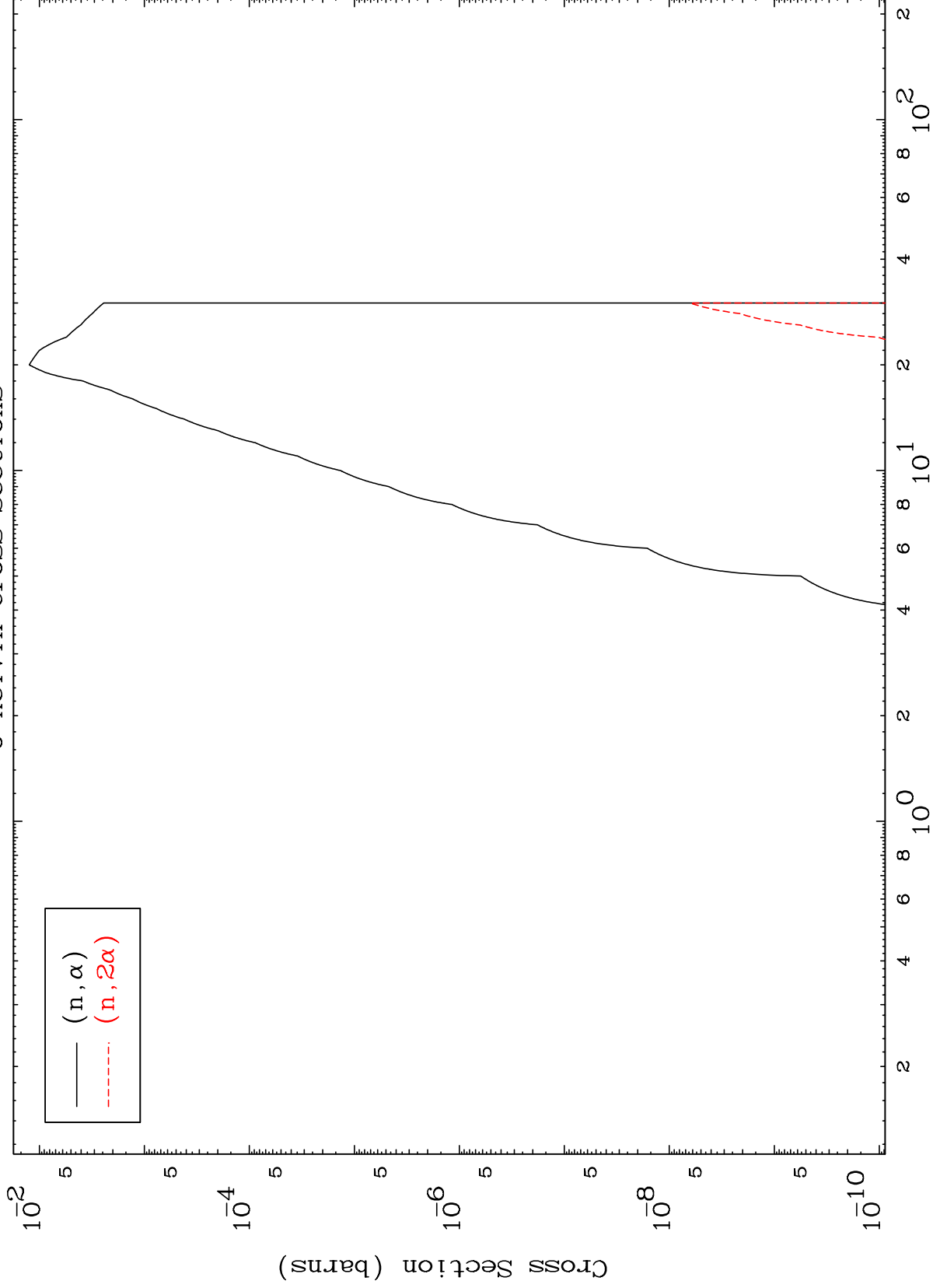
54-Xe-134

MAT 5455

(p,  $\alpha$ ) Levels

54-Xe-134

0 Kelvin Cross Sections



11

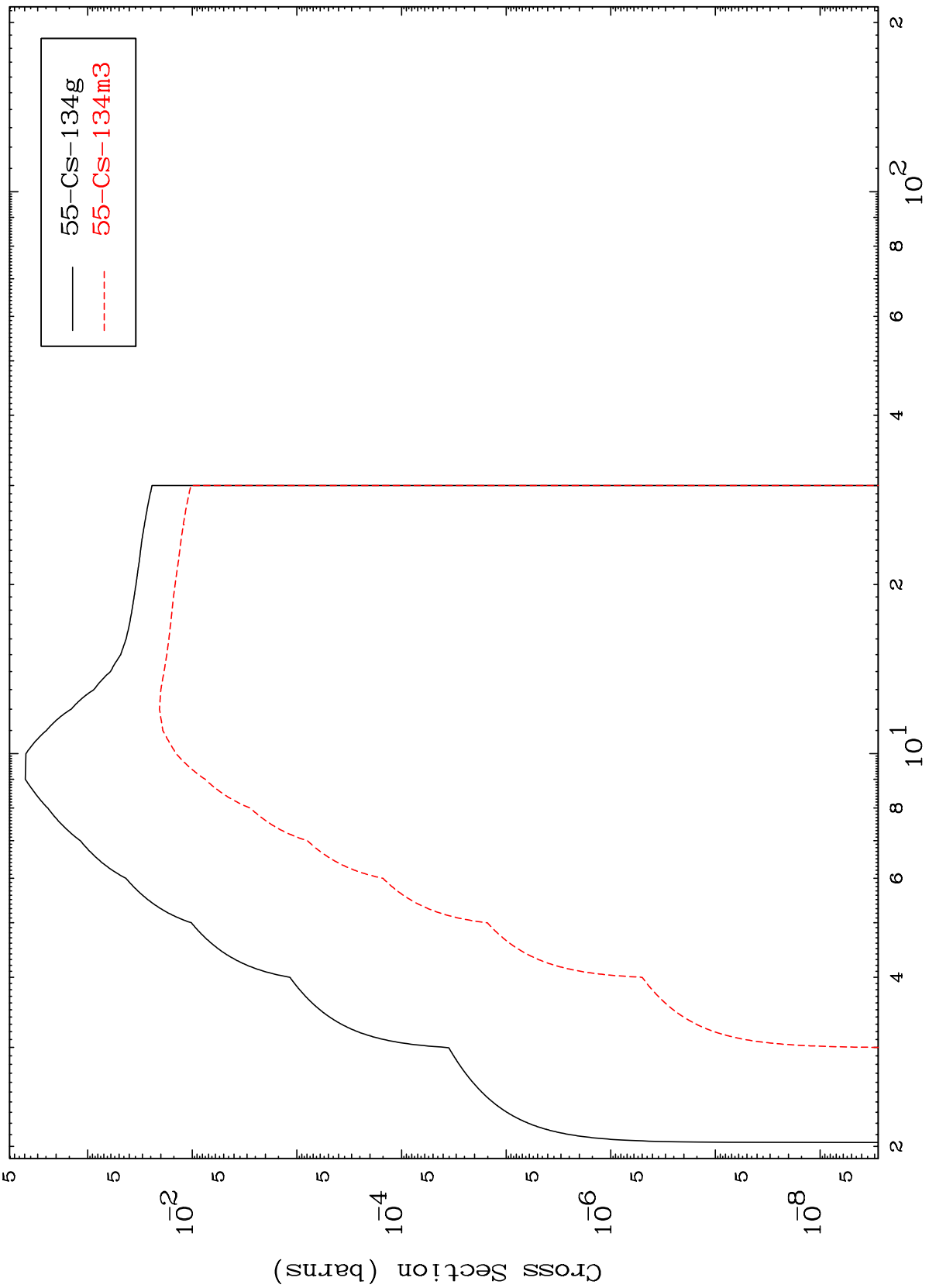
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

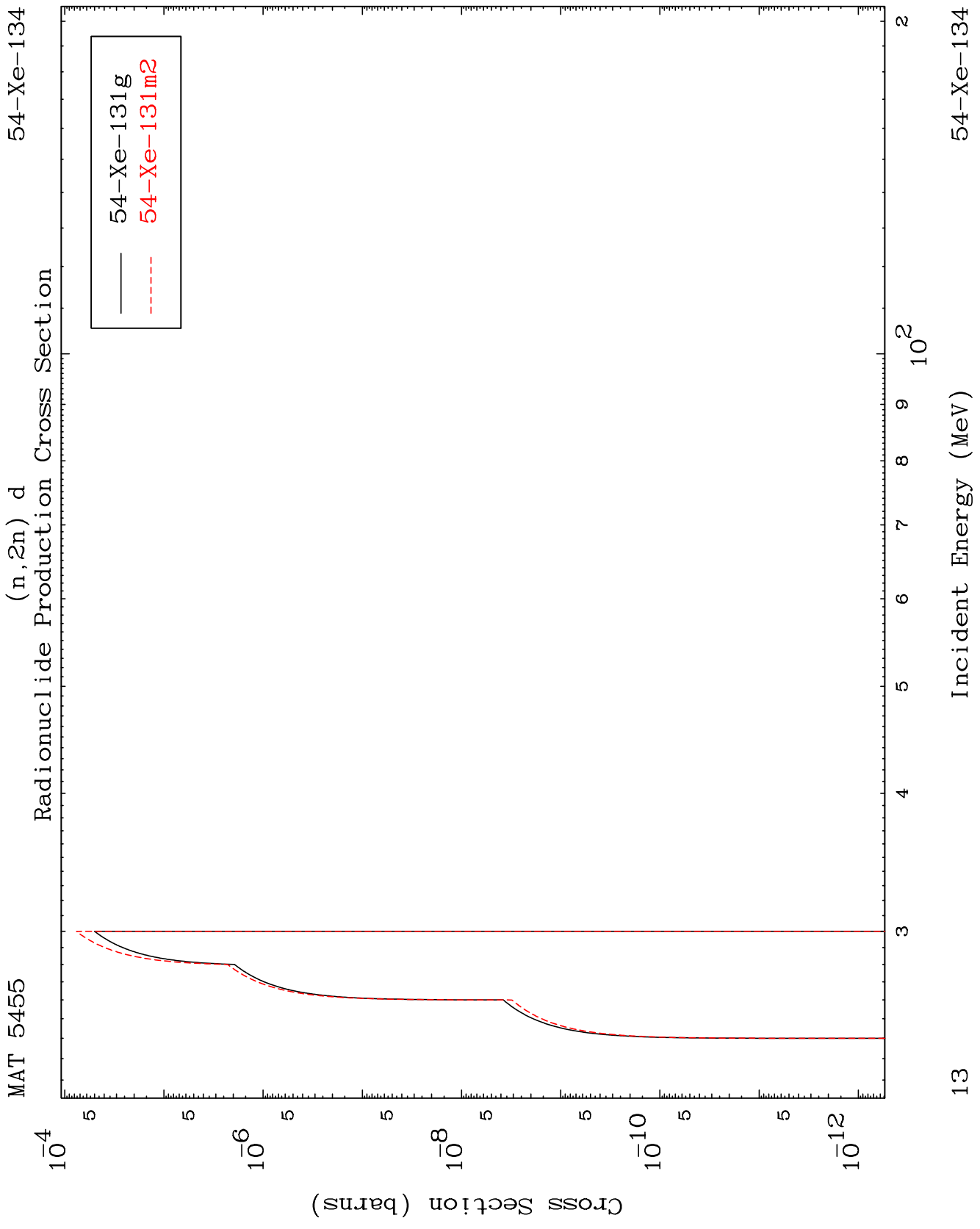
Inelastic  
Radionuclide Production Cross Section



12

54-Xe-134

Incident Energy (MeV)

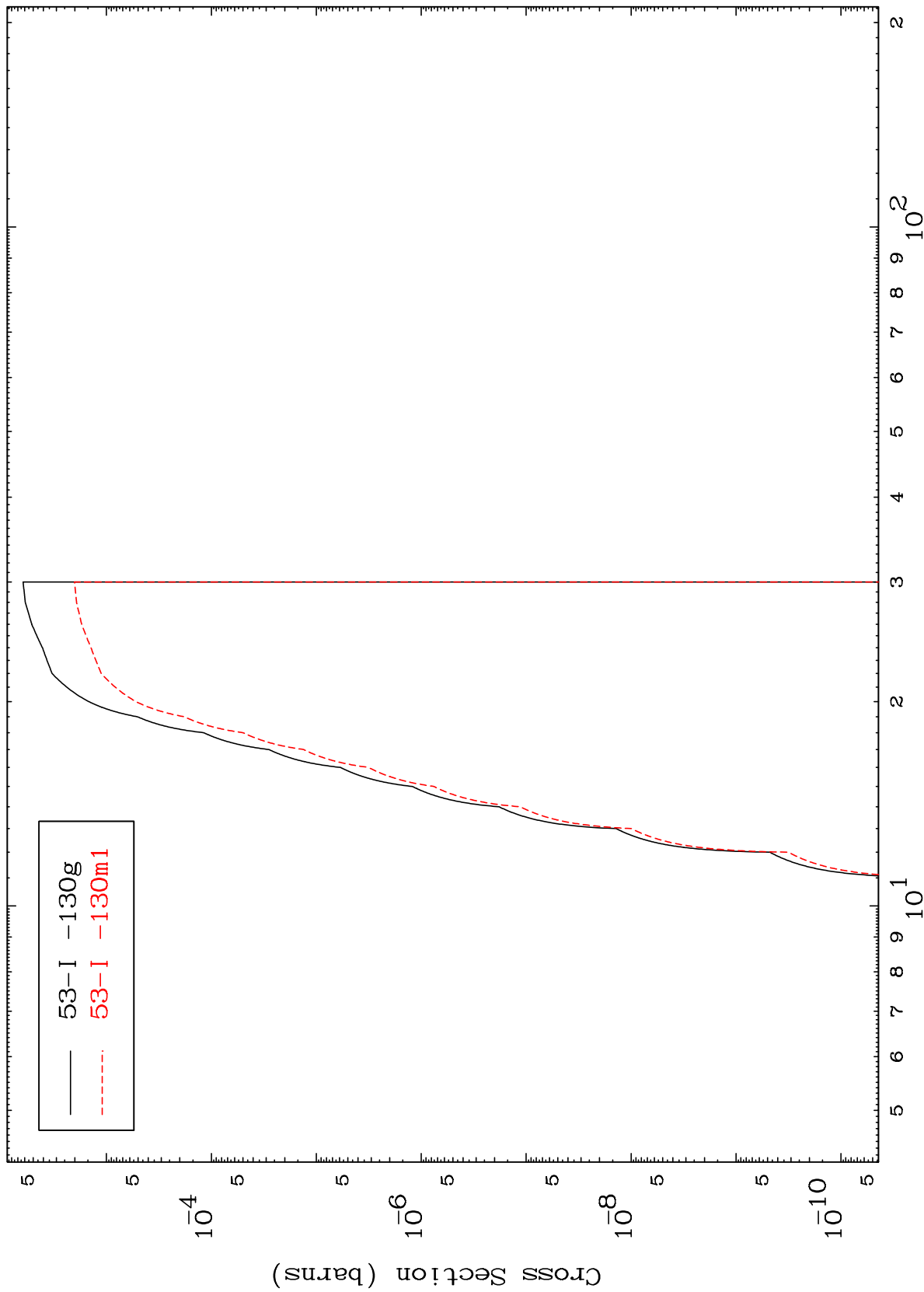


MAT 5455

(n,n')  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



53-I -130g  
53-I -130m1

14

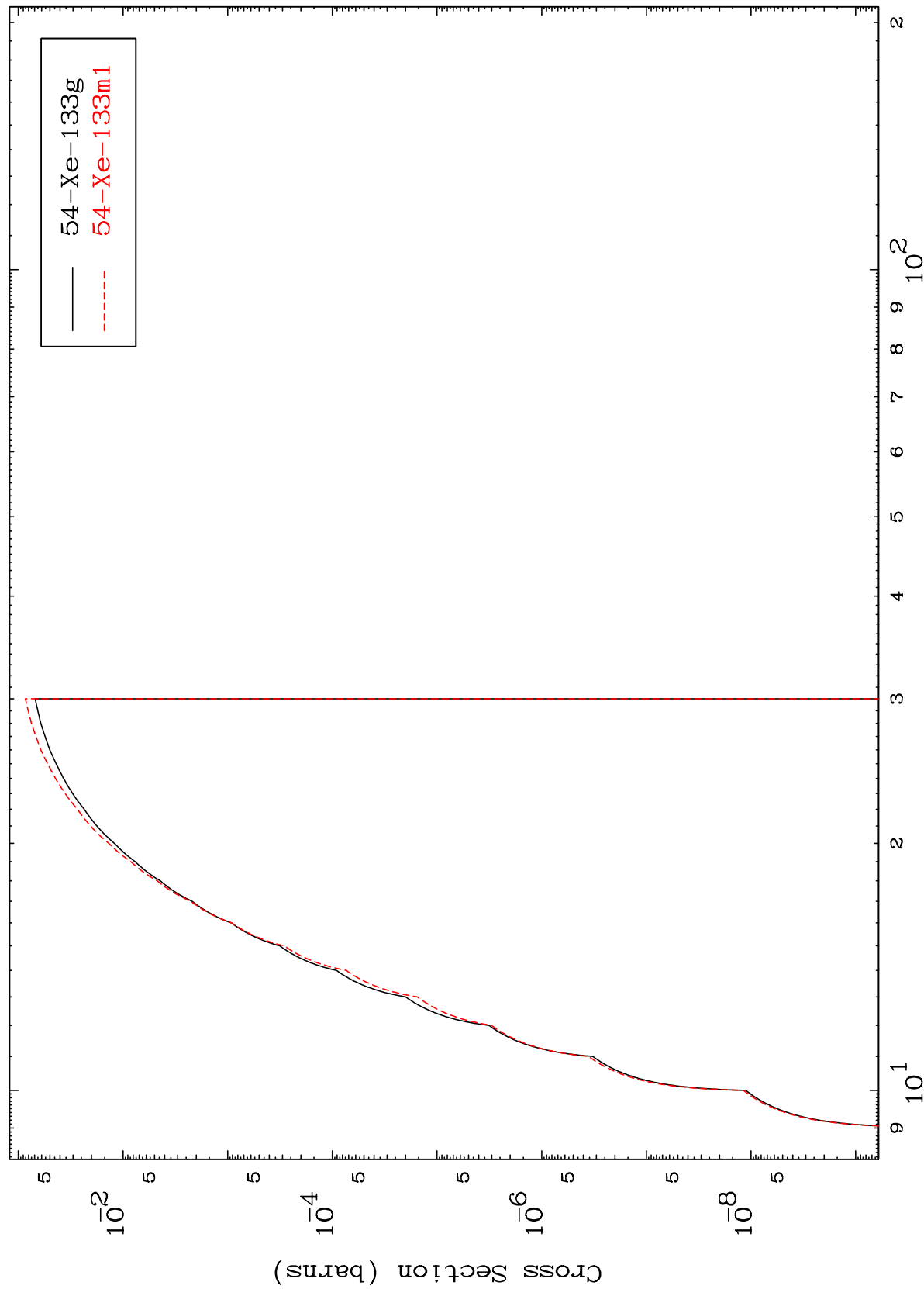
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,n') p  
Radionuclide Production Cross Section



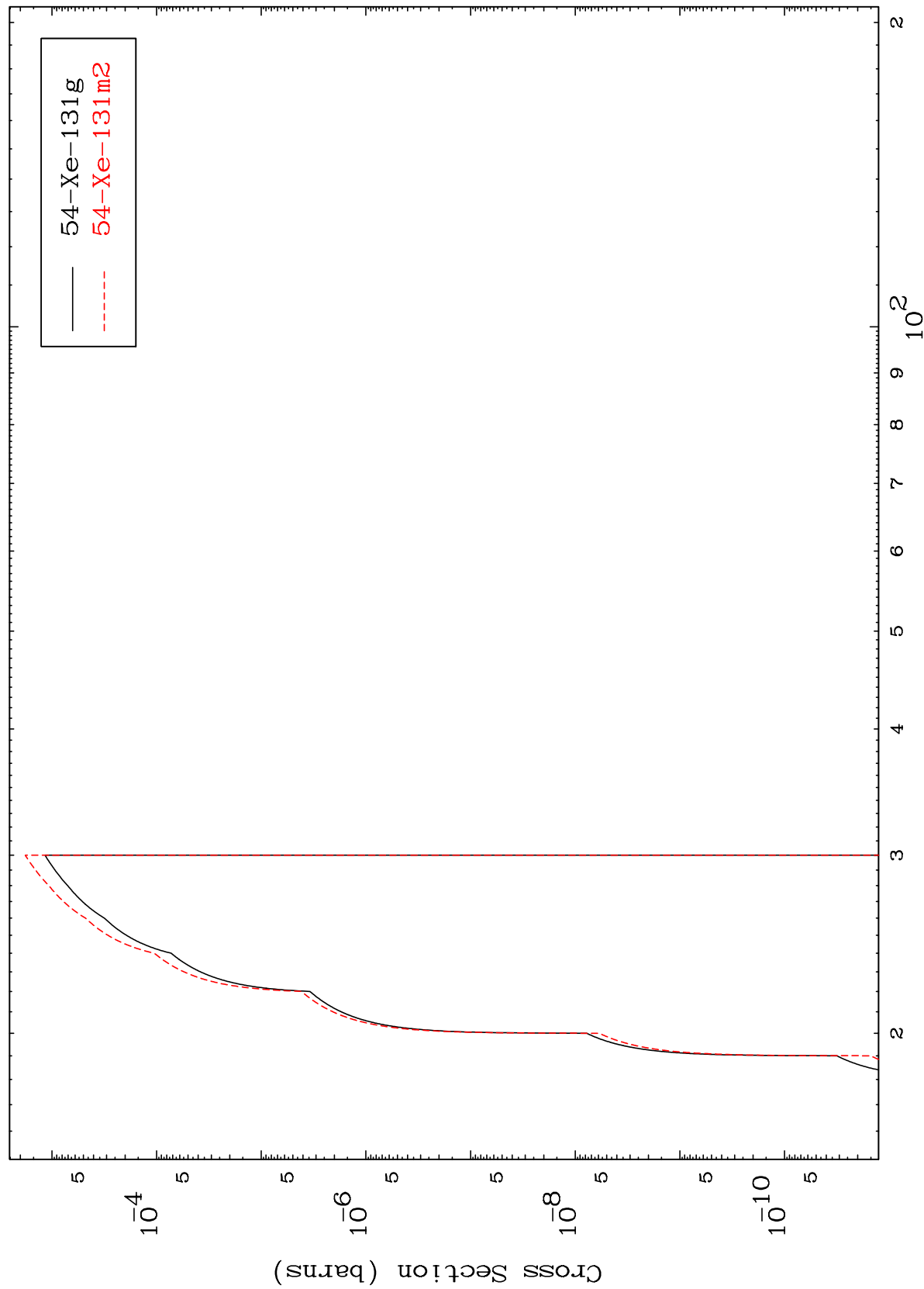
54-Xe-134

Incident Energy (MeV)

15



Radionuclide Production Cross Section

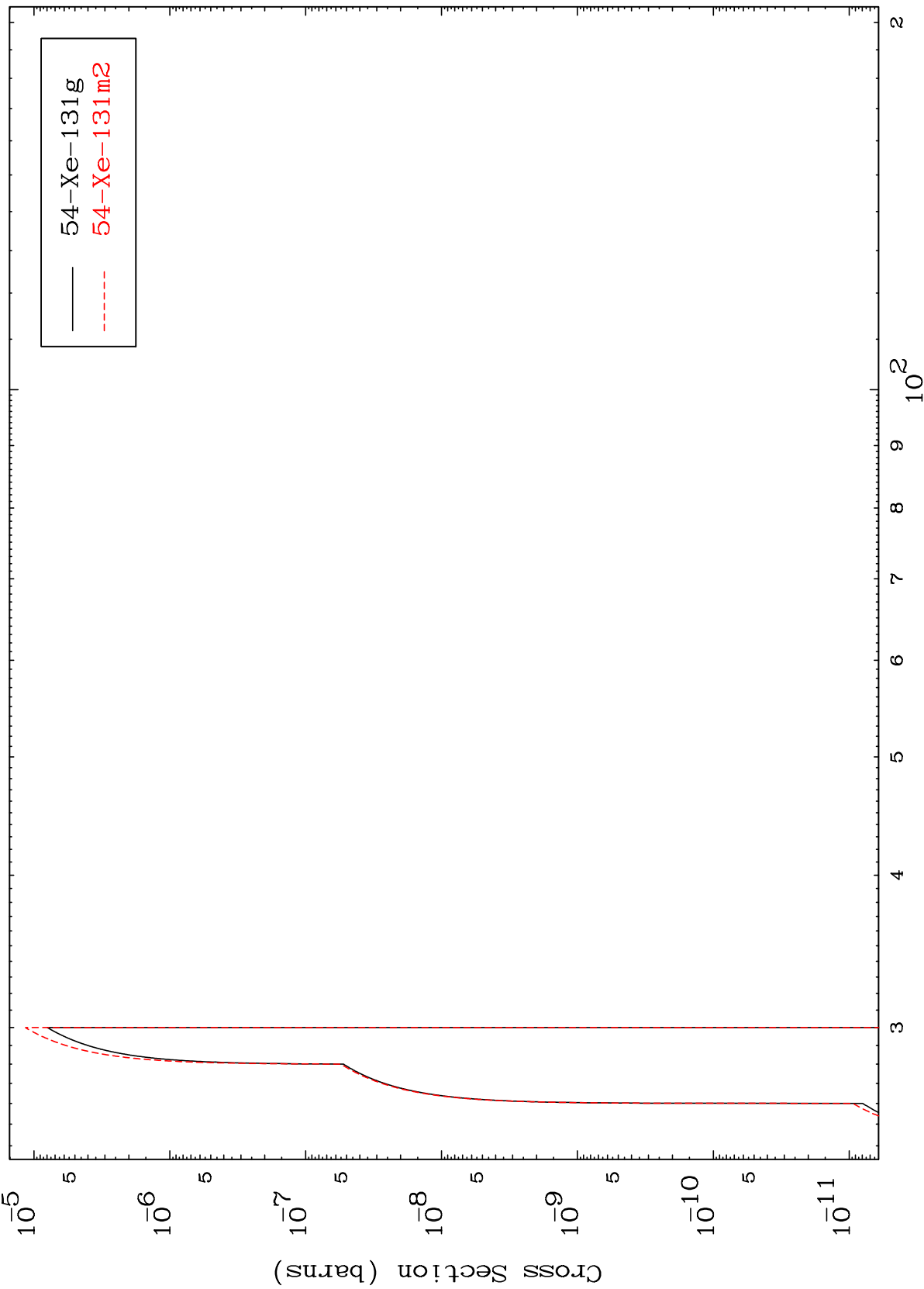


MAT 5455

(n,3n) p

54-Xe-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

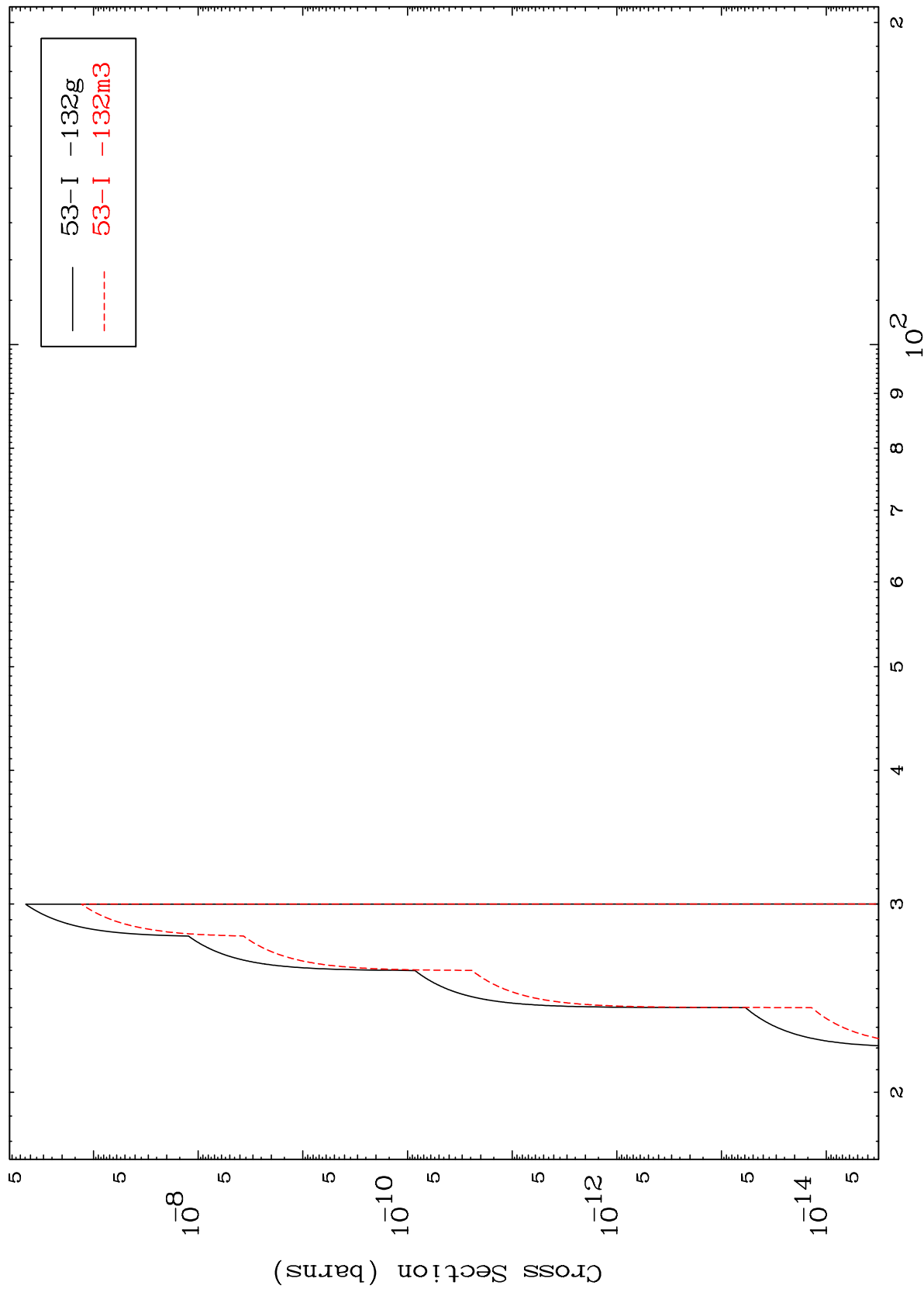
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



18

Incident Energy (MeV)

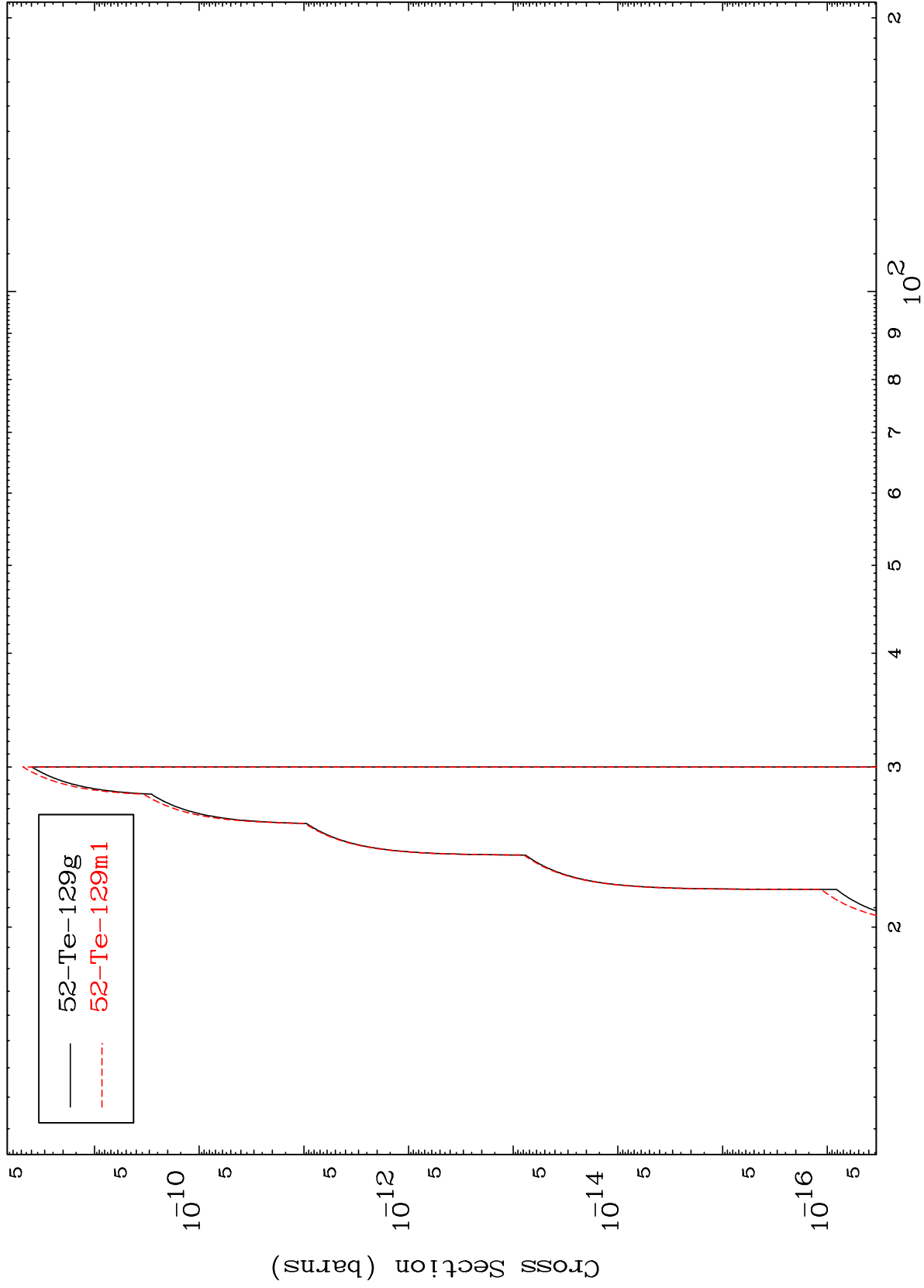
54-Xe-134

MAT 5455

(n,n') p  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



19

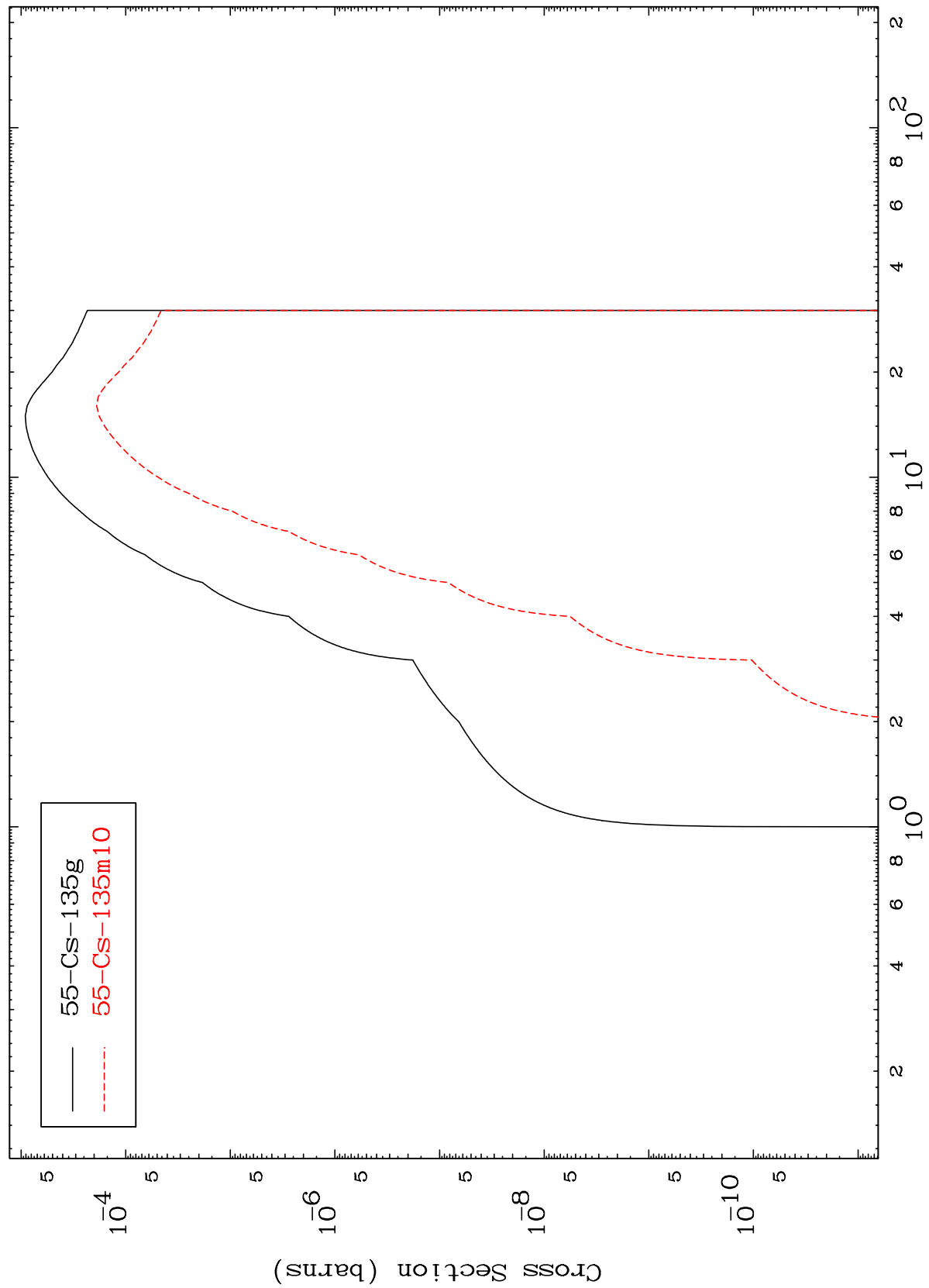
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,  $\gamma$ )  
Radionuclide Production Cross Section



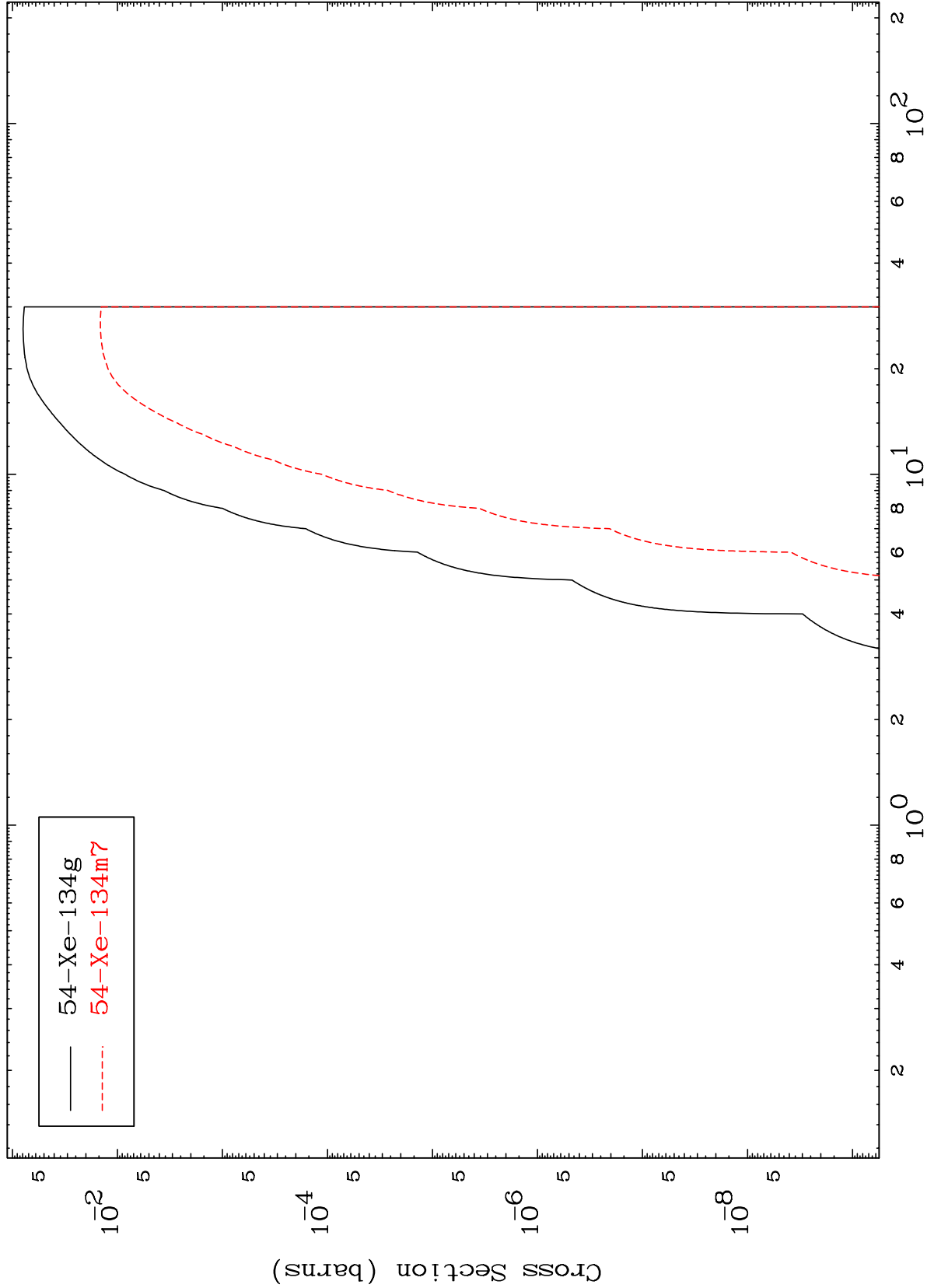
20

54-Xe-134

MAT 5455

54-Xe-134

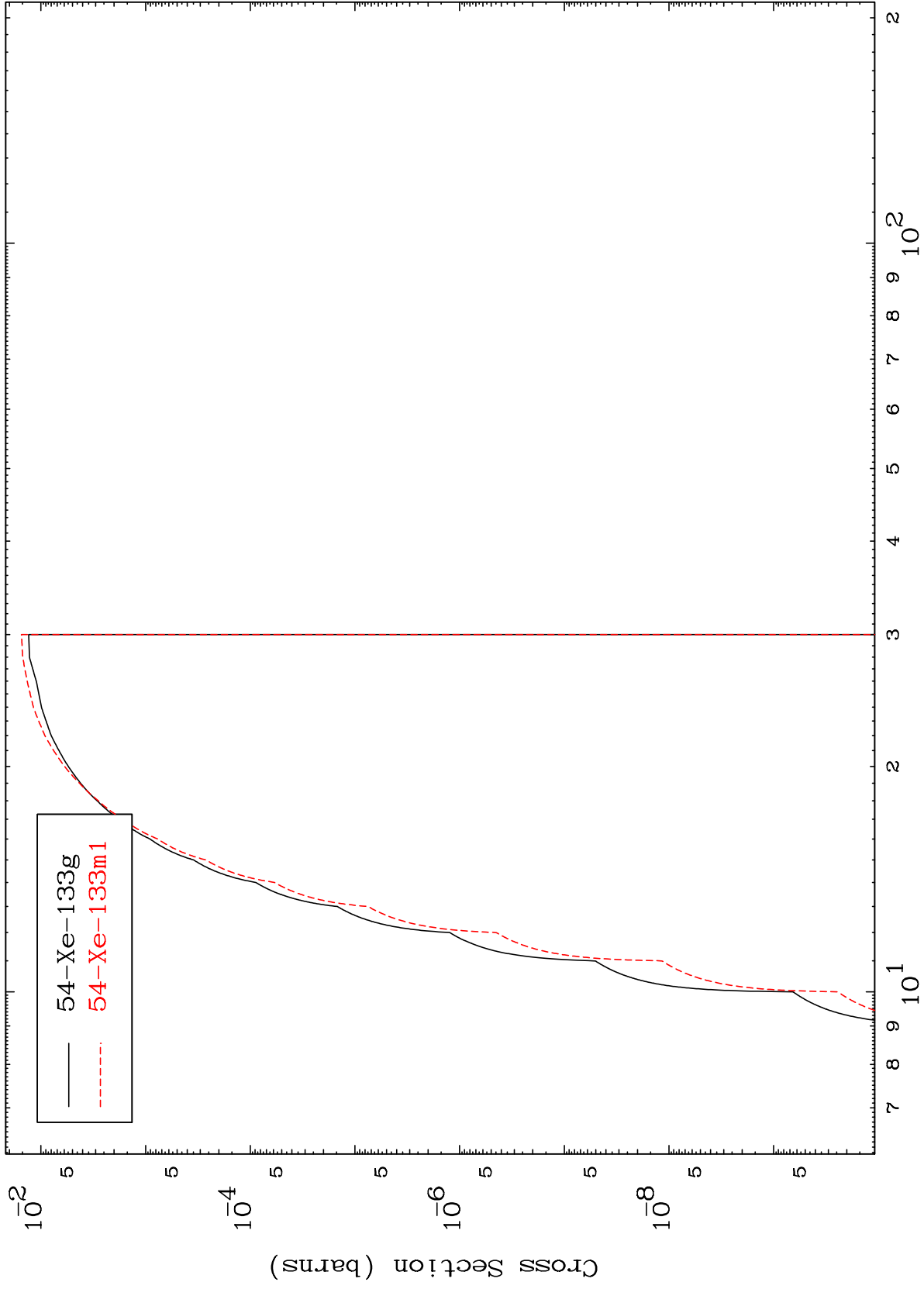
(n,p)  
Radionuclide Production Cross Section



MAT 5455

54-Xe-134

(n,d)  
Radionuclide Production Cross Section



22

54-Xe-134

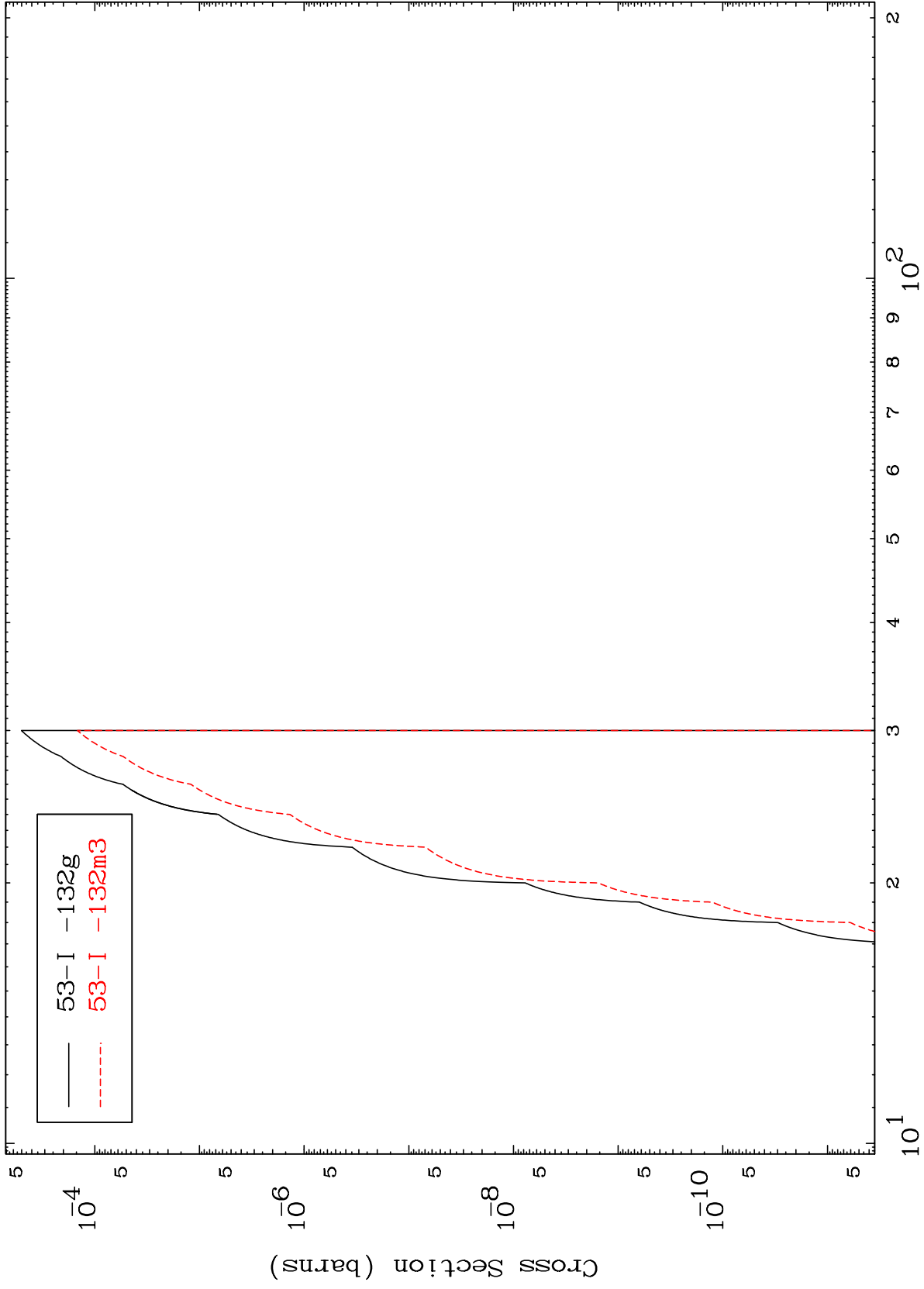
Incident Energy (MeV)

MAT 5455

(n,He-3)

54-Xe-134

Radionuclide Production Cross Section



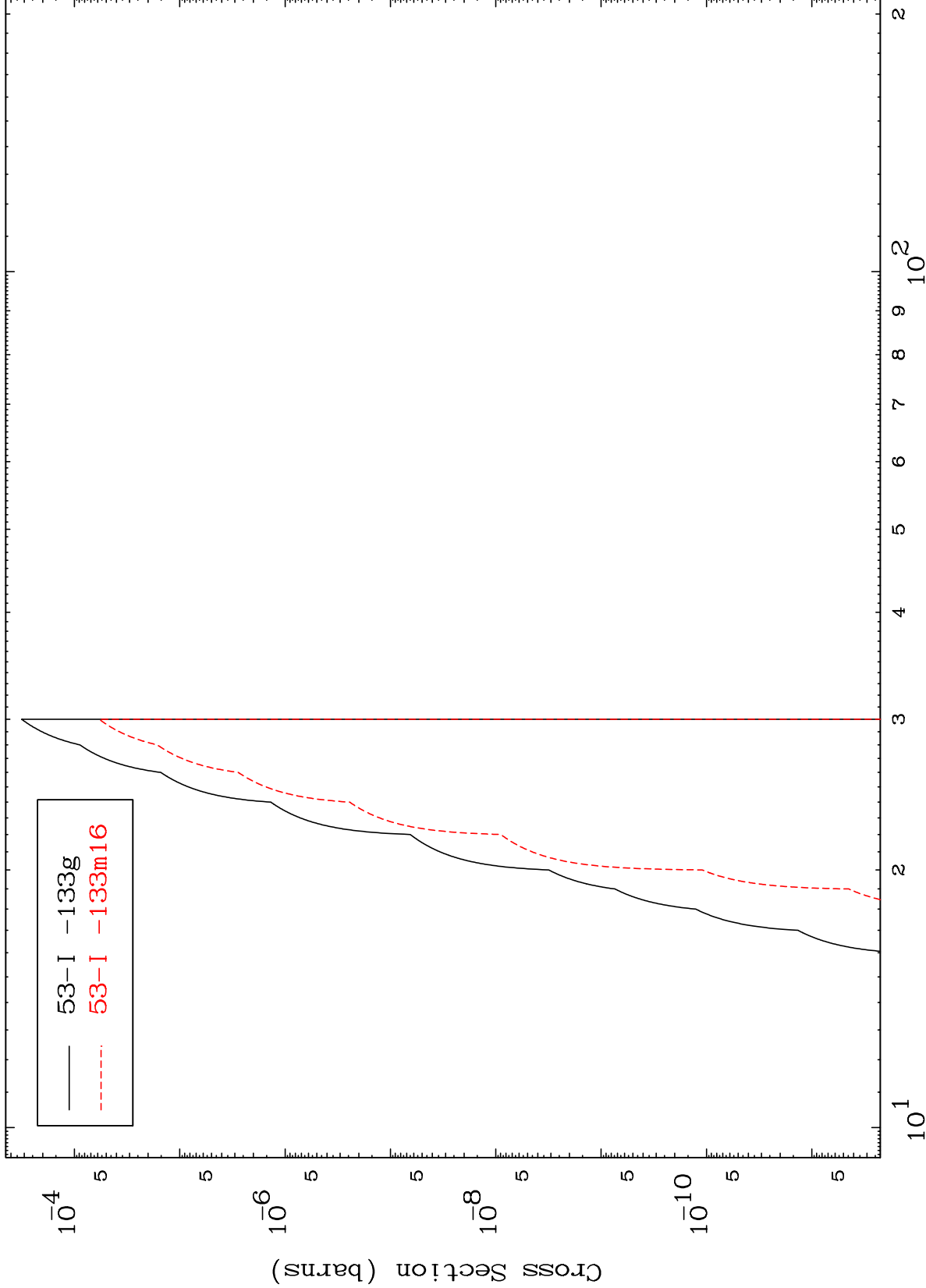
53-I-132g  
53-I-132m3



MAT 5455

54-Xe-134

(n,2p)  
Radionuclide Production Cross Section

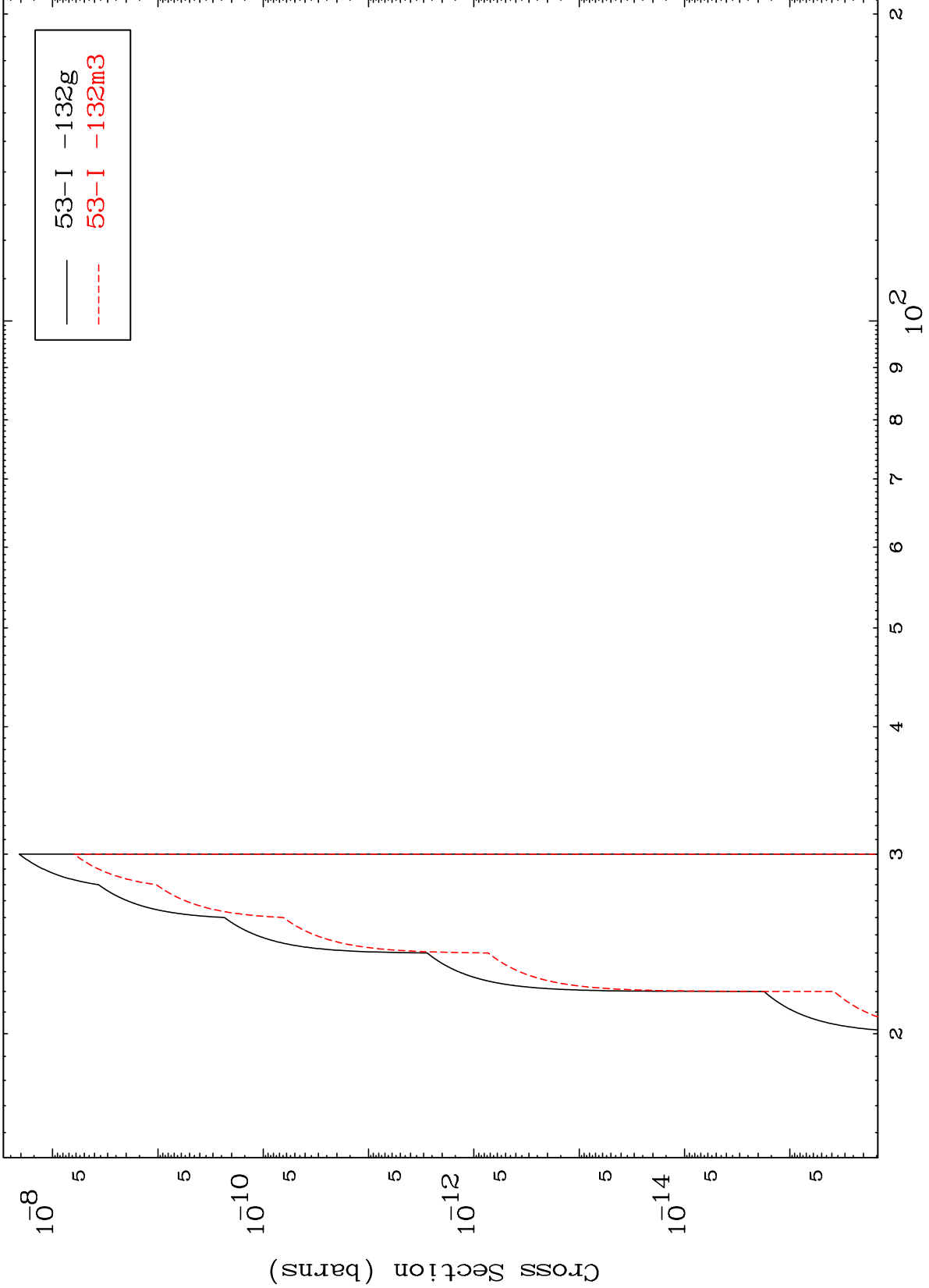


54-Xe-134

Incident Energy (MeV)

24

Radionuclide Production Cross Section

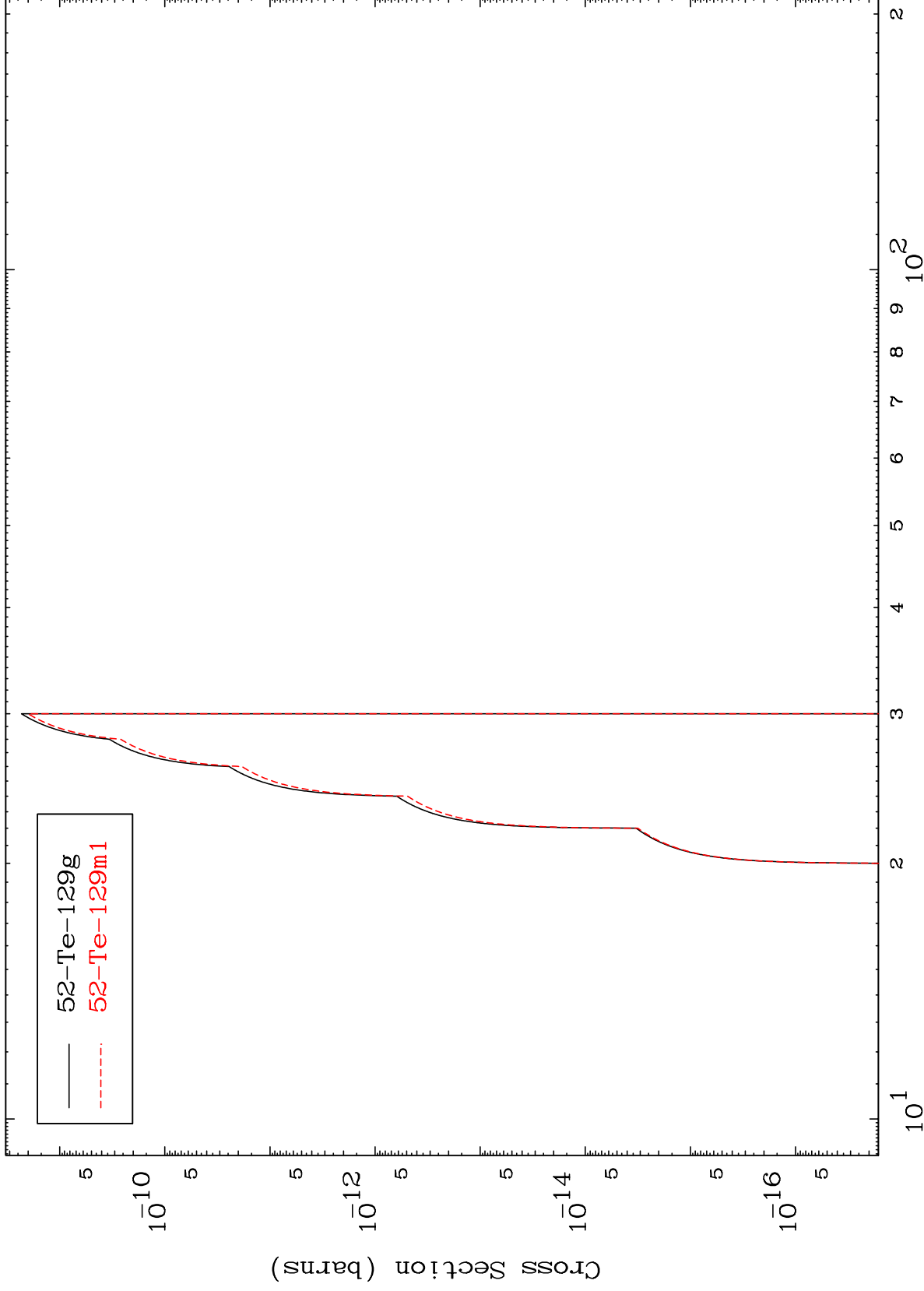


MAT 5455

(n,d)  $\alpha$

54-Xe-134

Radionuclide Production Cross Section



26

Incident Energy (MeV)

54-Xe-134