

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)

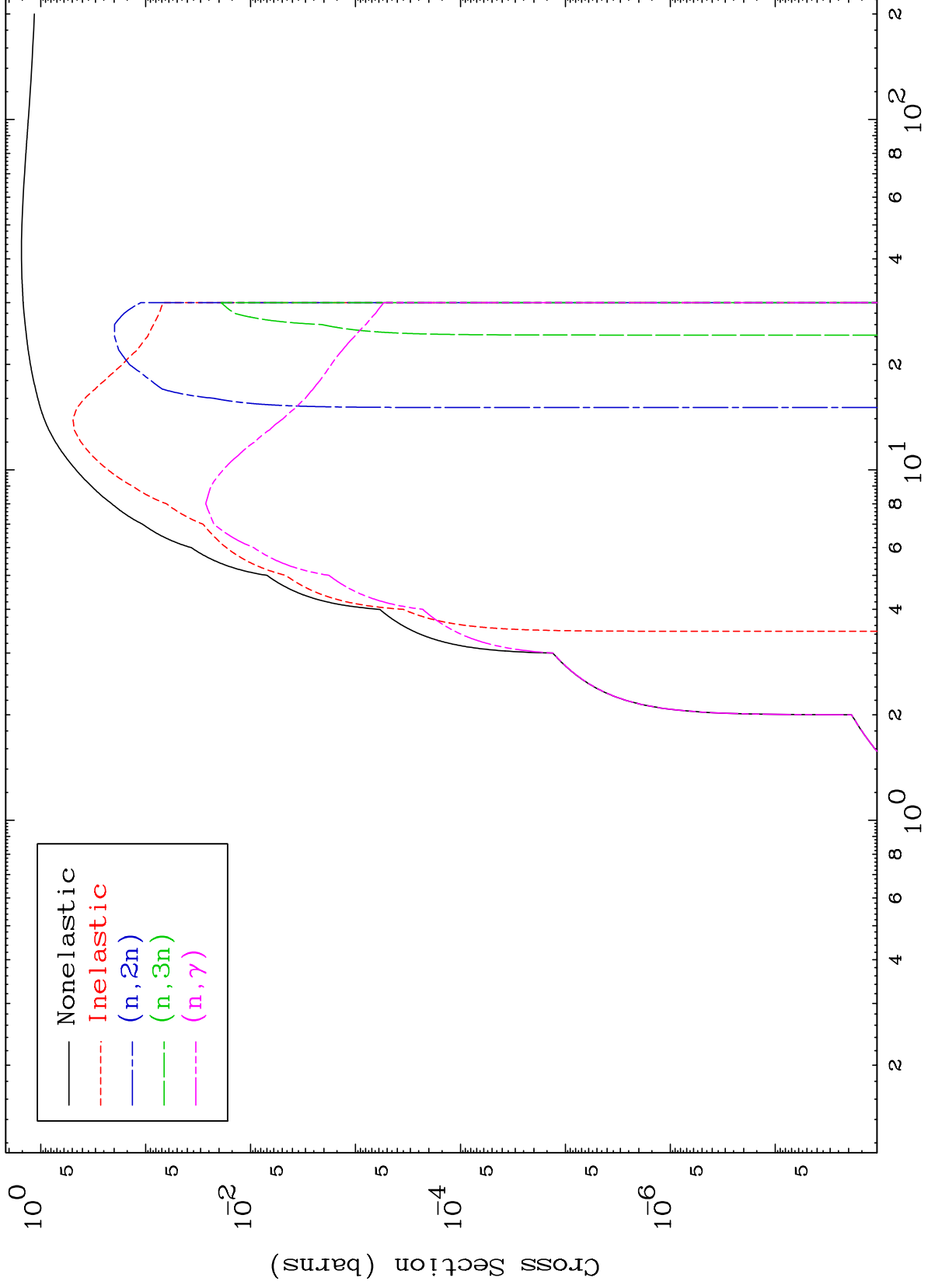
Press Mouse Button to Start

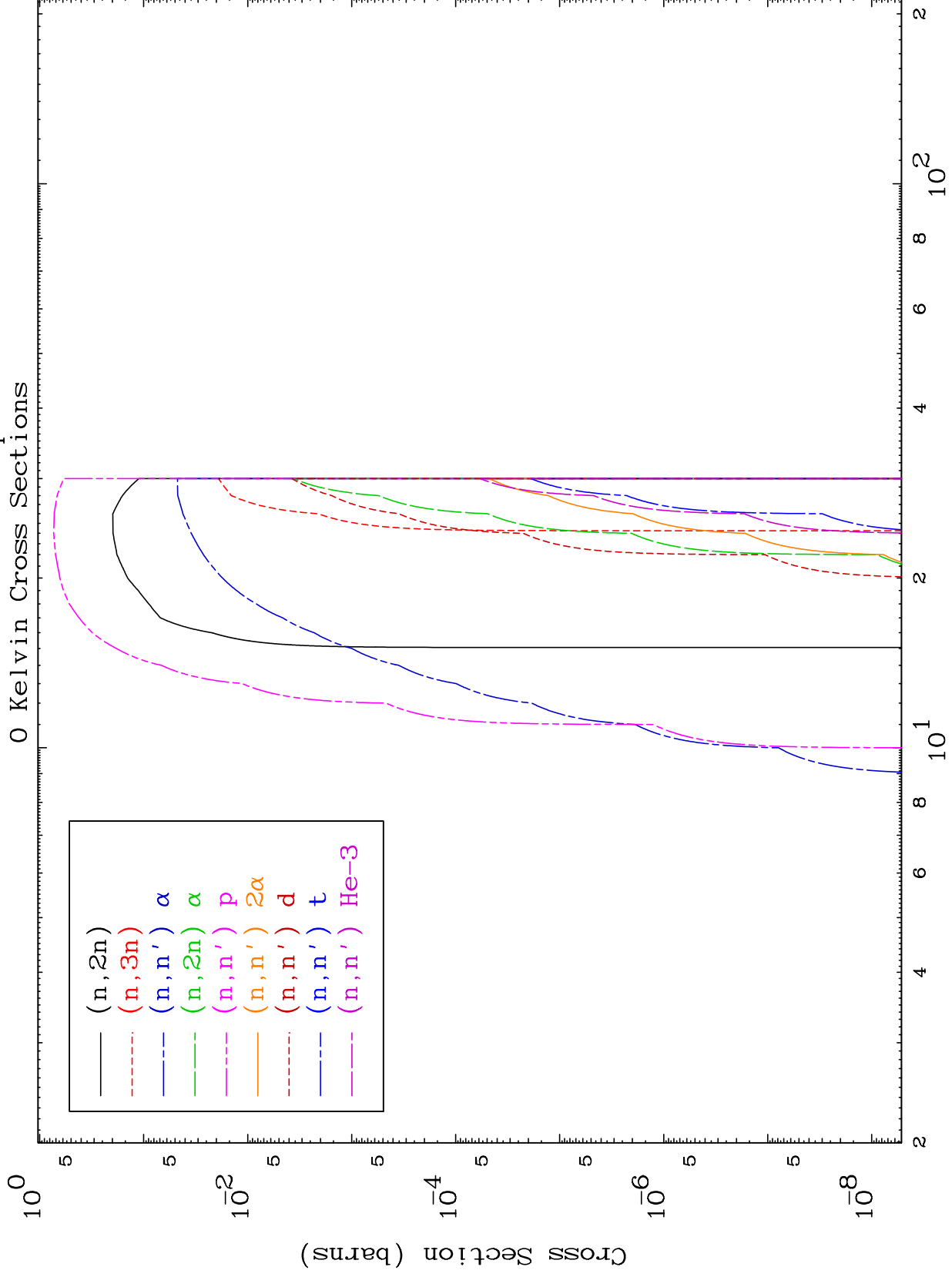
MAT 5498

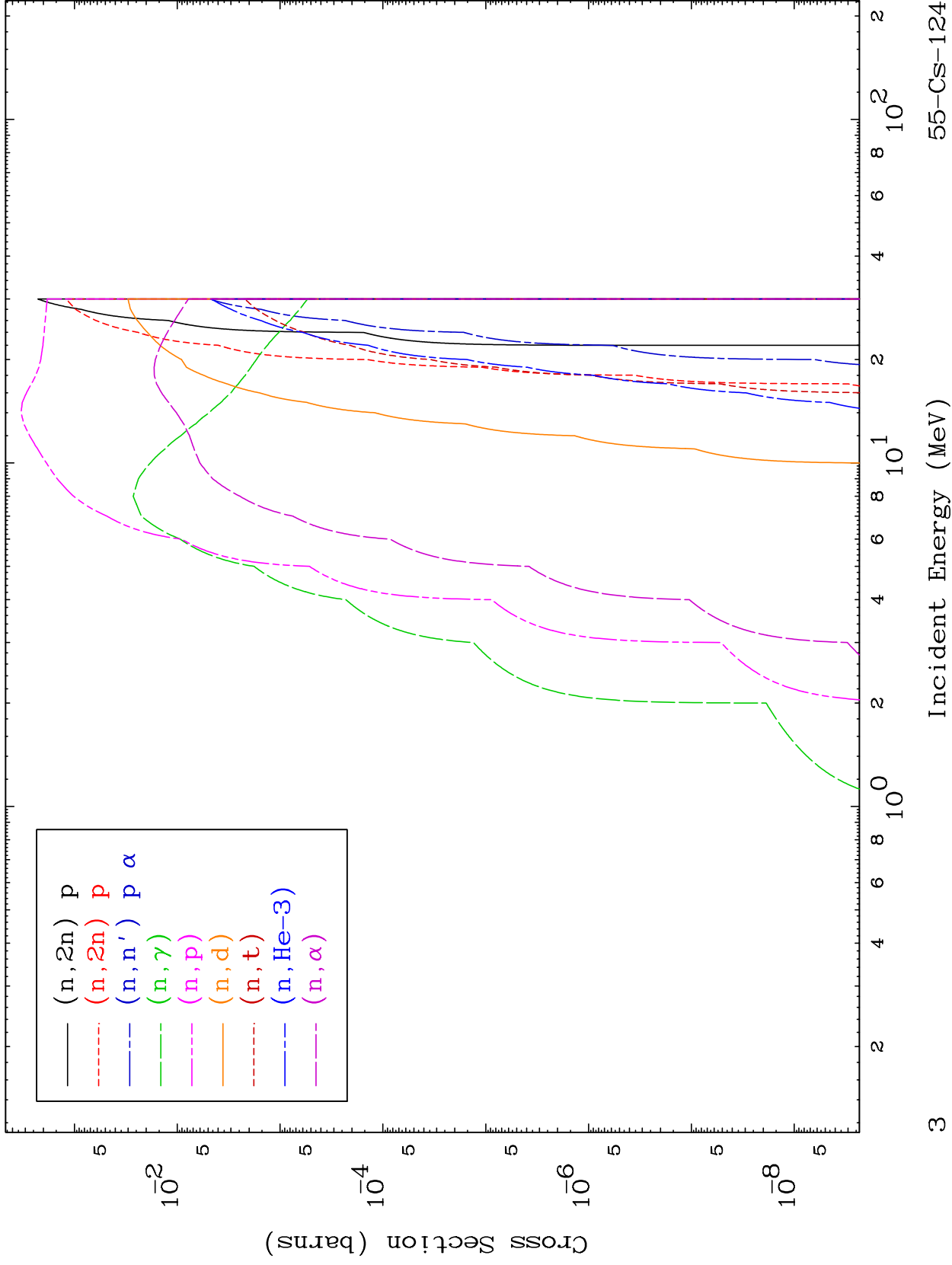
Proton Major

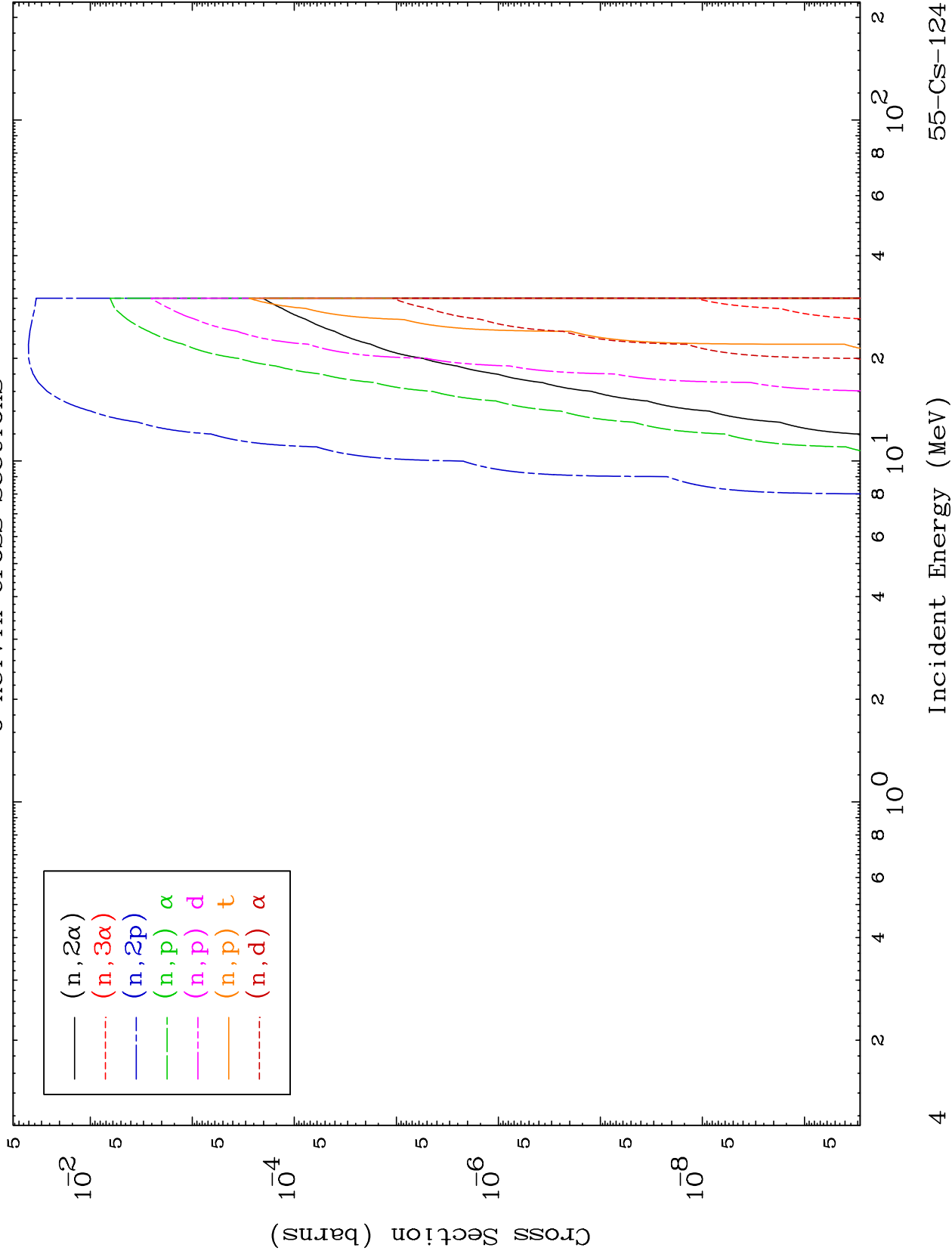
55-Cs-124

0 Kelvin Cross Sections





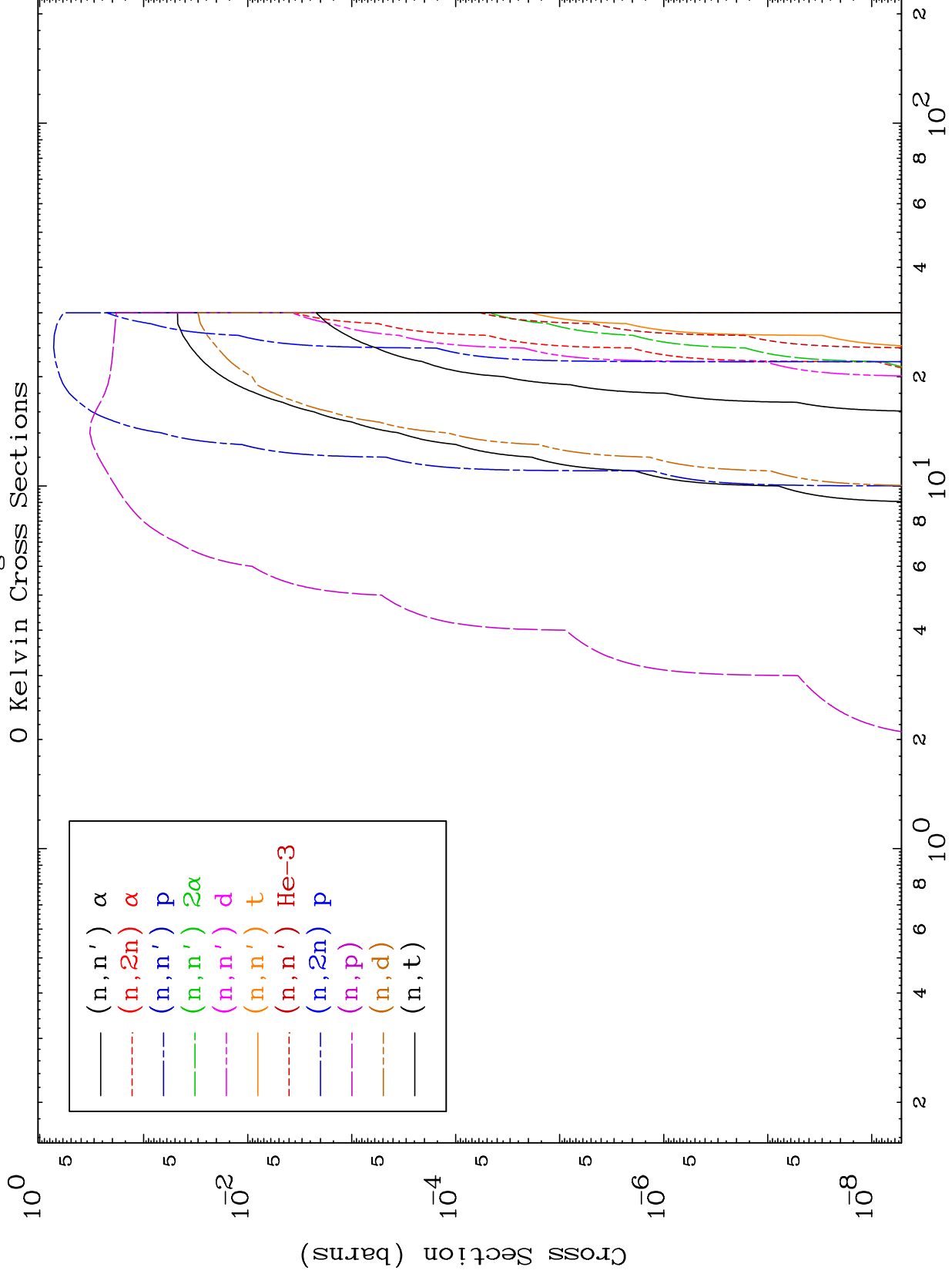




MAT 5498

Proton Charged Particle  
0 Kelvin Cross Sections

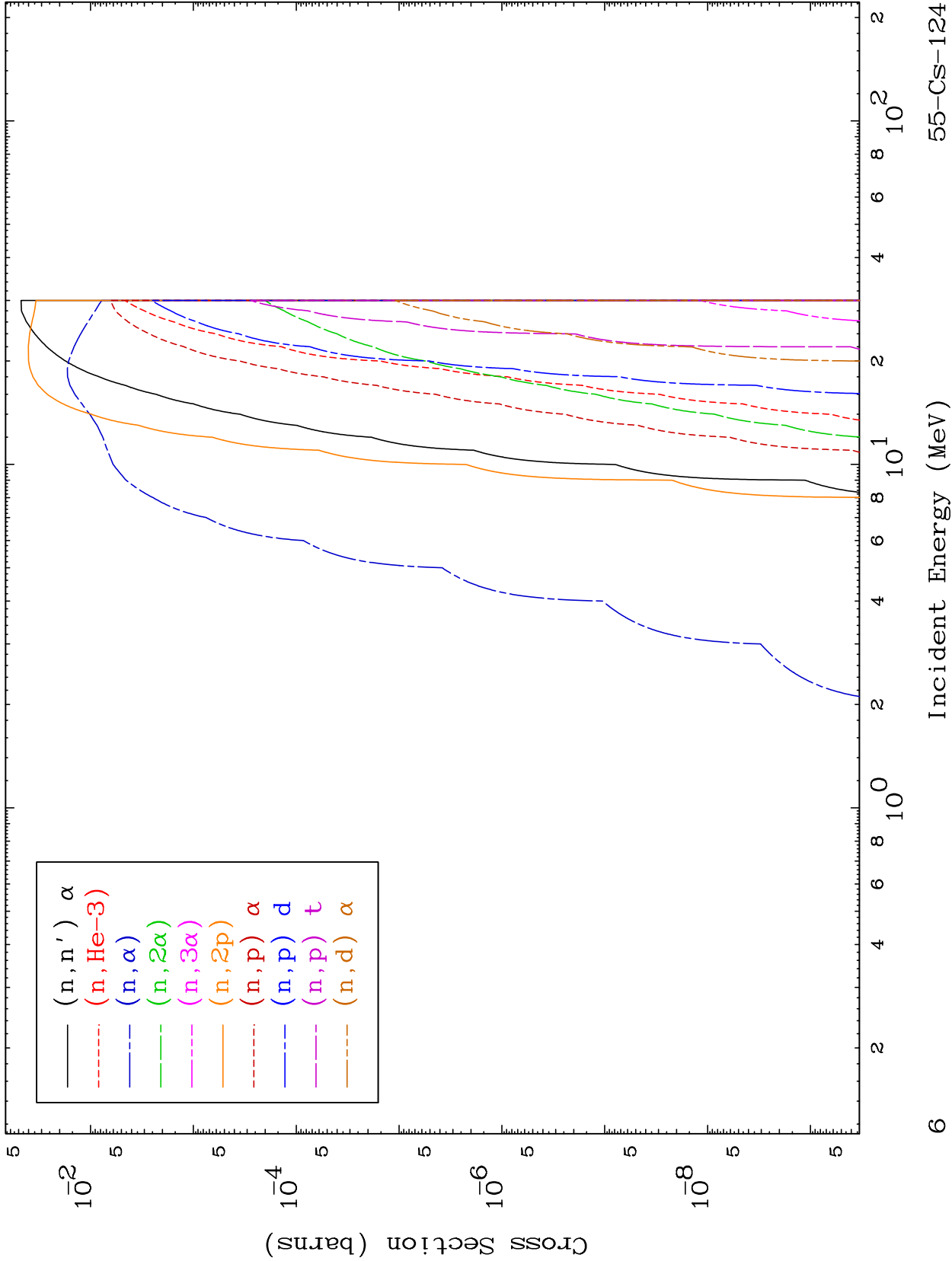
55-Cs-124



5

Incident Energy (MeV)

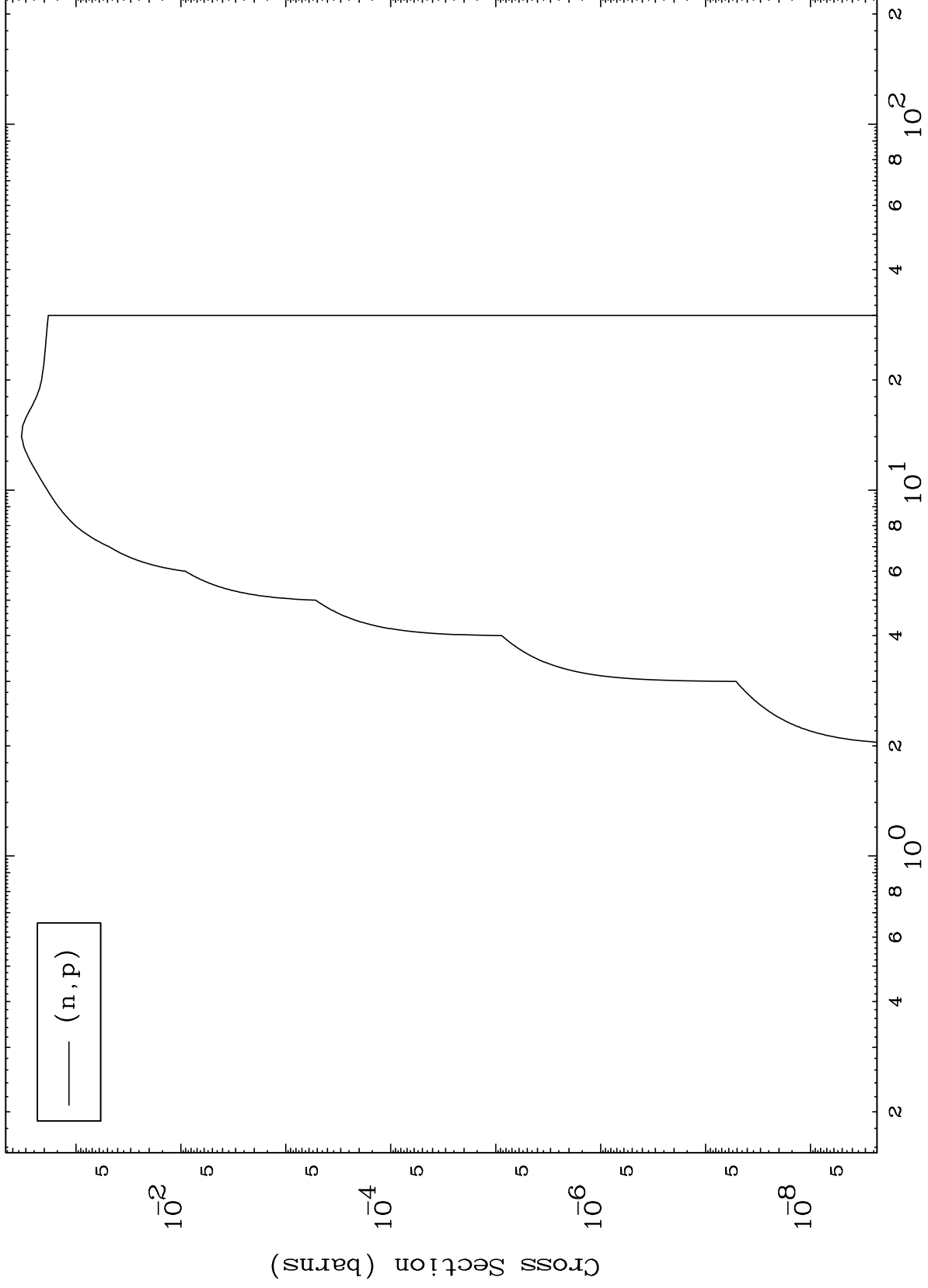
55-Cs-124



MAT 5498

(p,p) Levels  
0 Kelvin Cross Sections

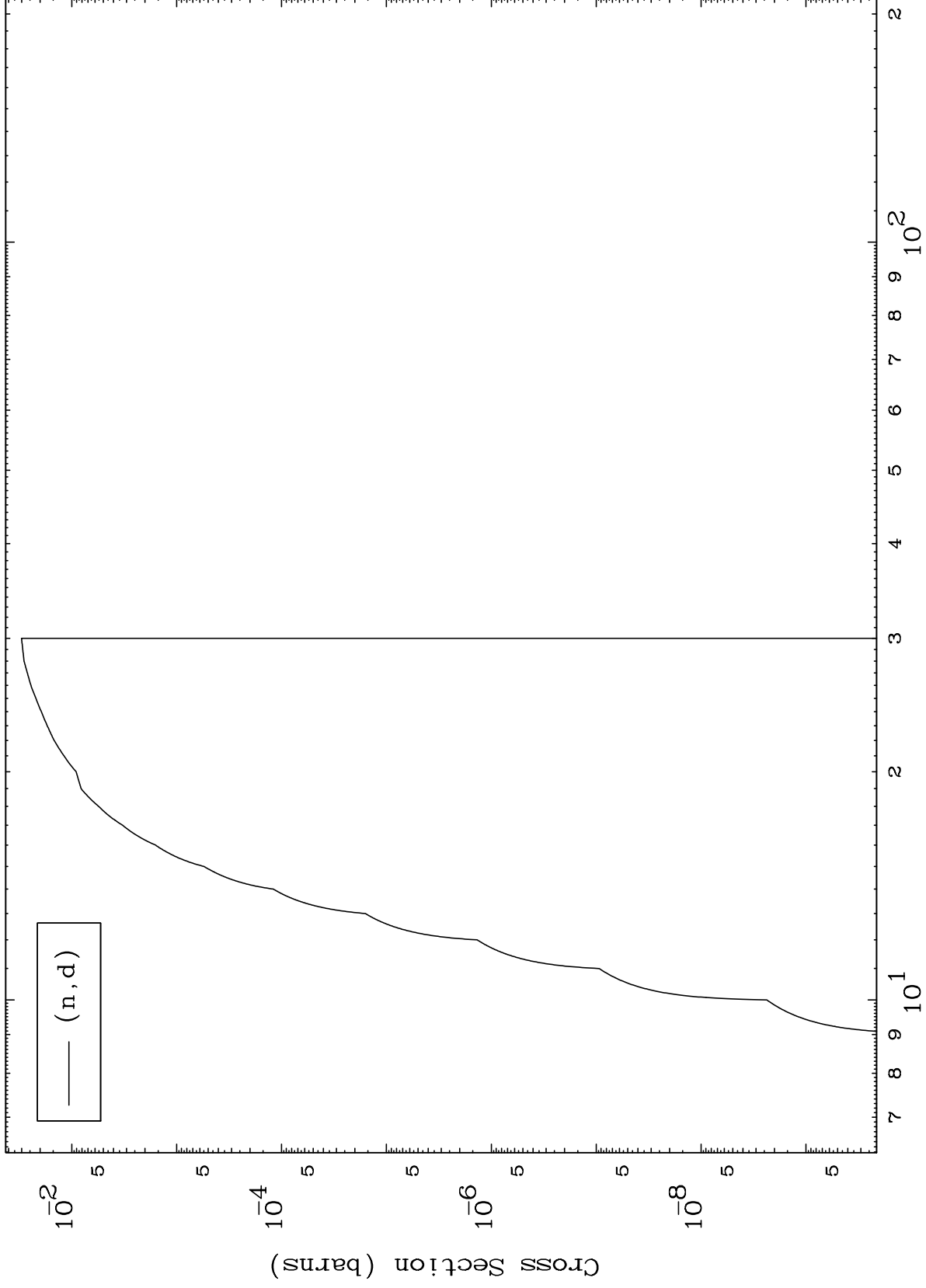
55-Cs-124



MAT 5498

(p,d) Levels  
0 Kelvin Cross Sections

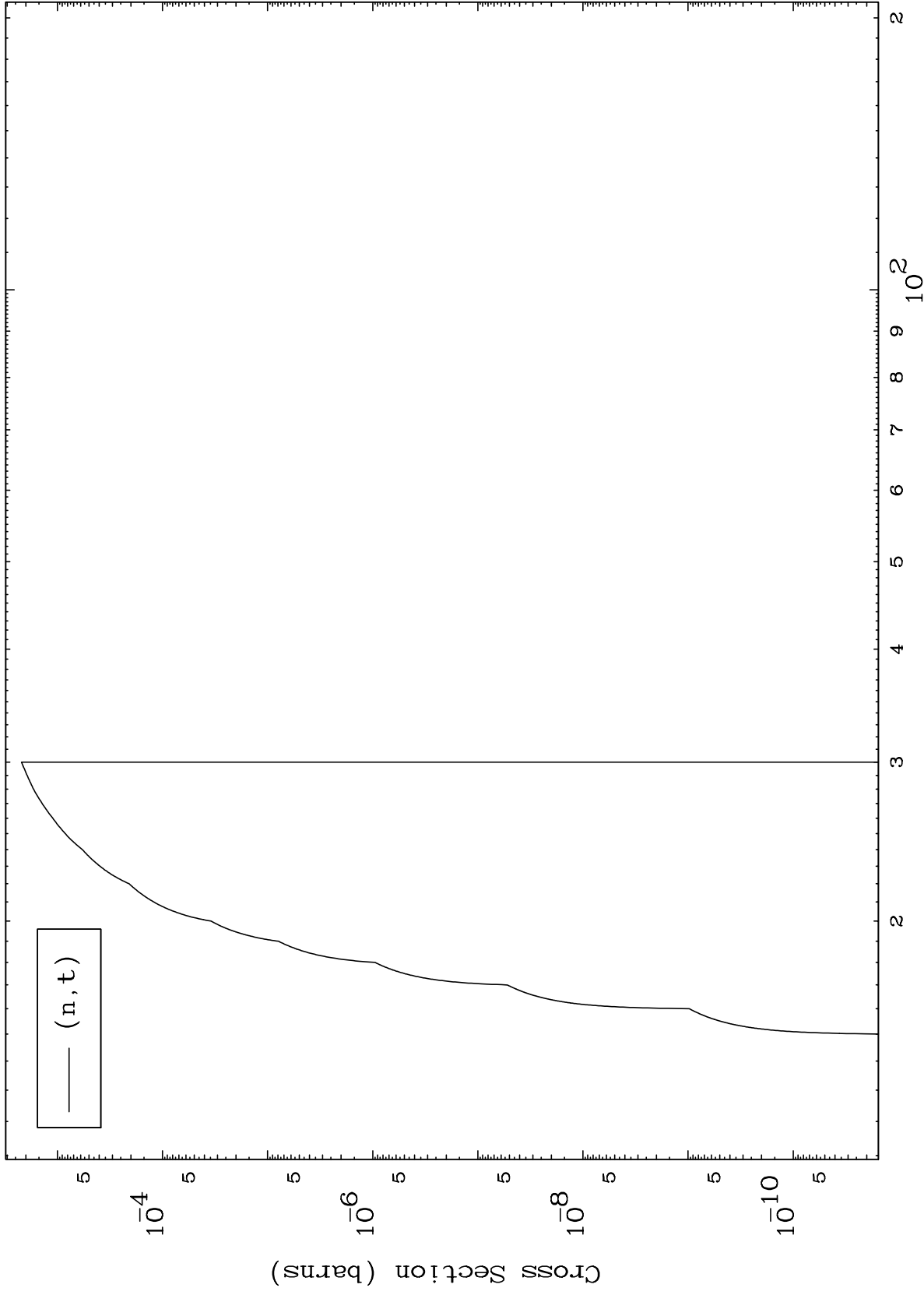
55-Cs-124



8

Incident Energy (MeV)

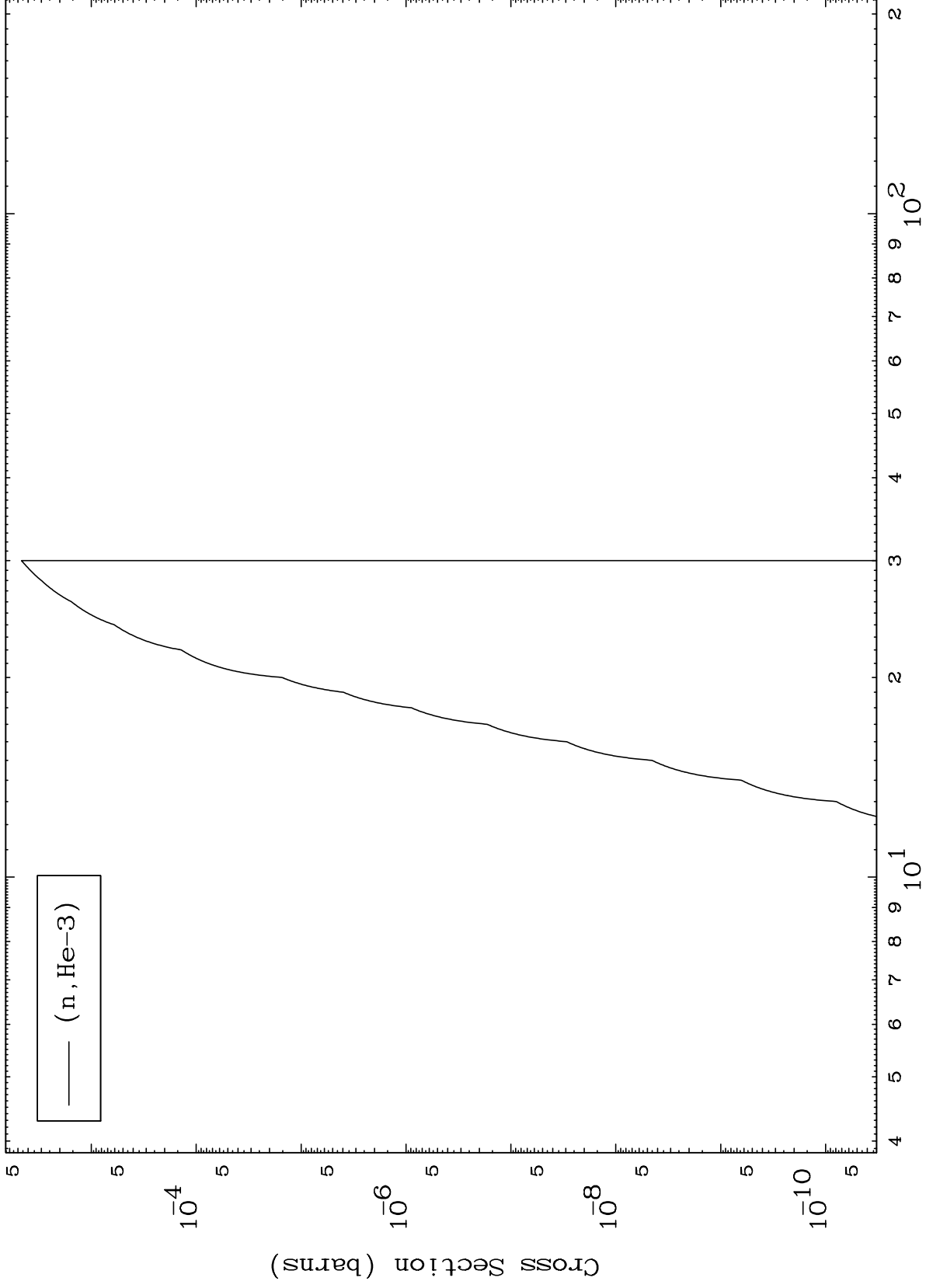
55-Cs-124



MAT 5498

(p,He3) Levels  
0 Kelvin Cross Sections

55-Cs-124



10

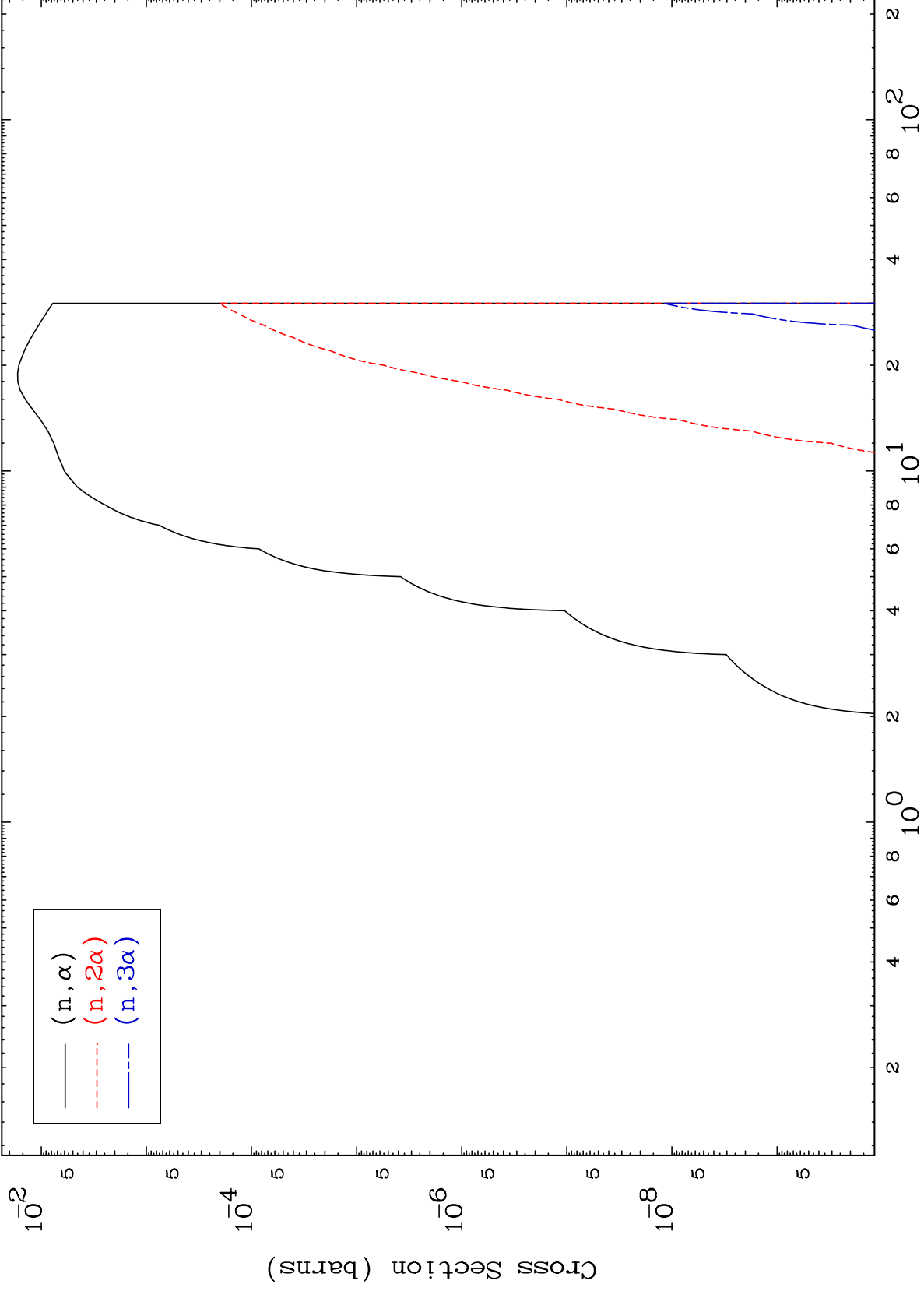
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124

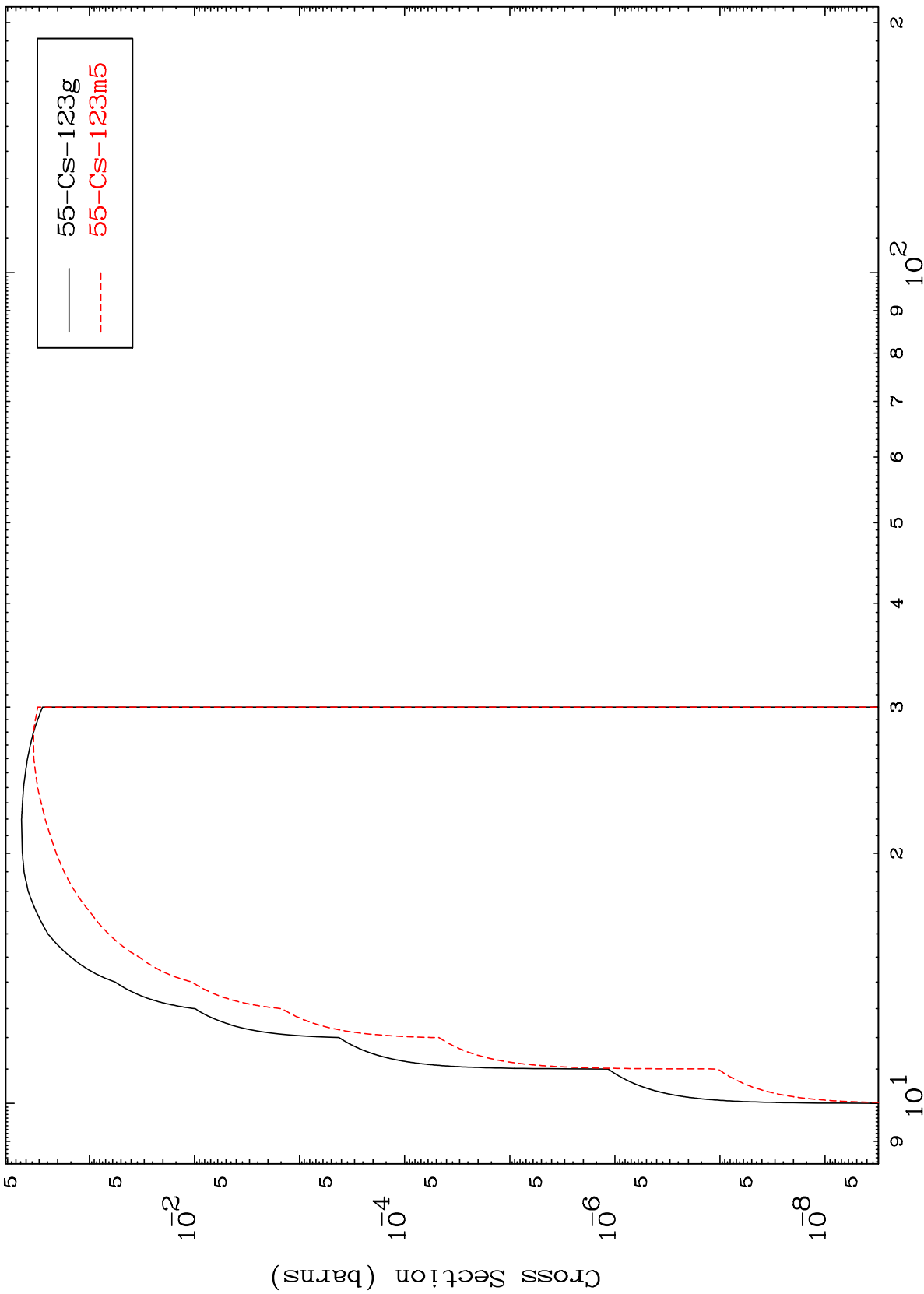


MAT 5498

(n,n') p

55-Cs-124

Radionuclide Production Cross Section

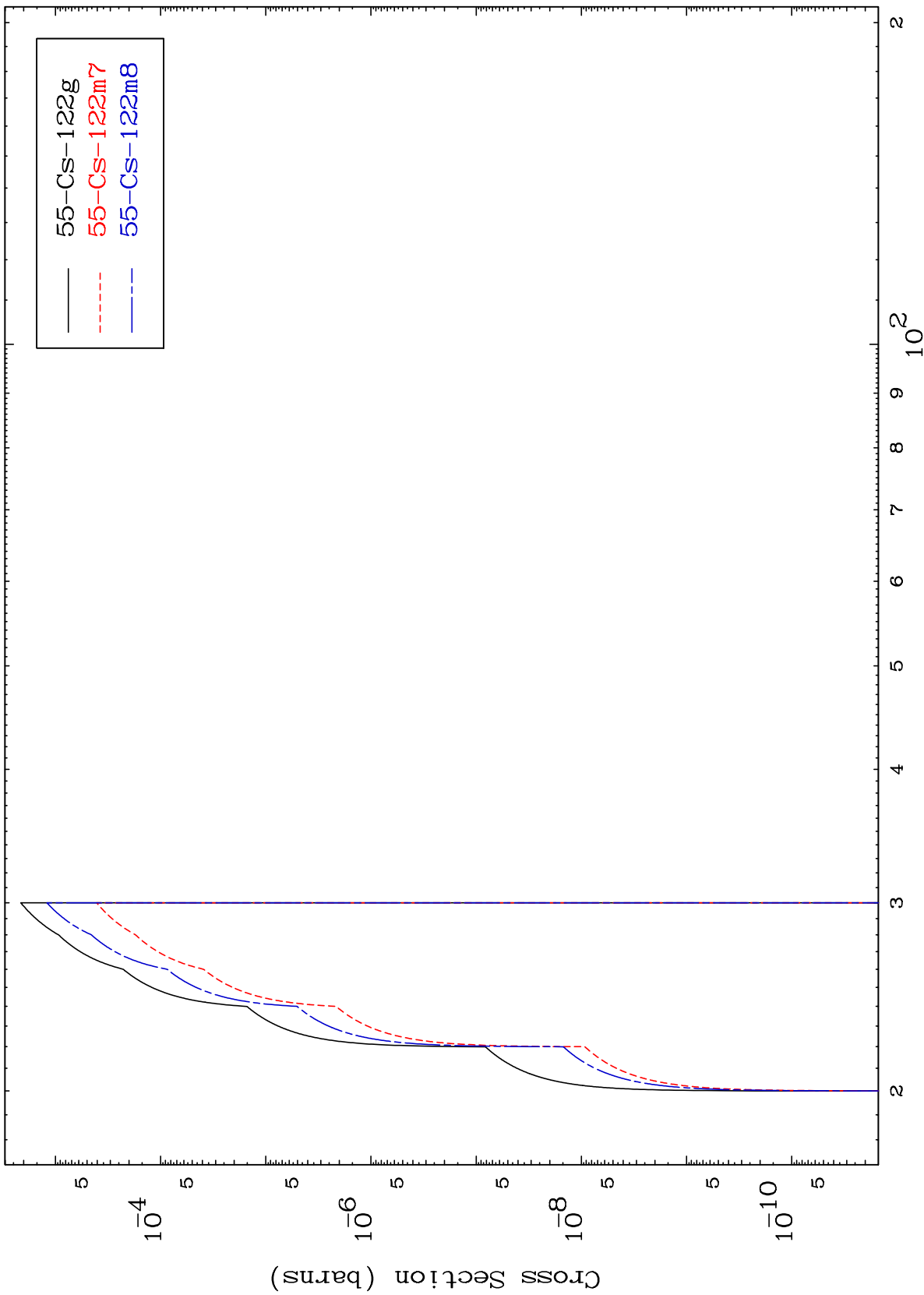


12

Incident Energy (MeV)

55-Cs-124

Radionuclide Production Cross Section

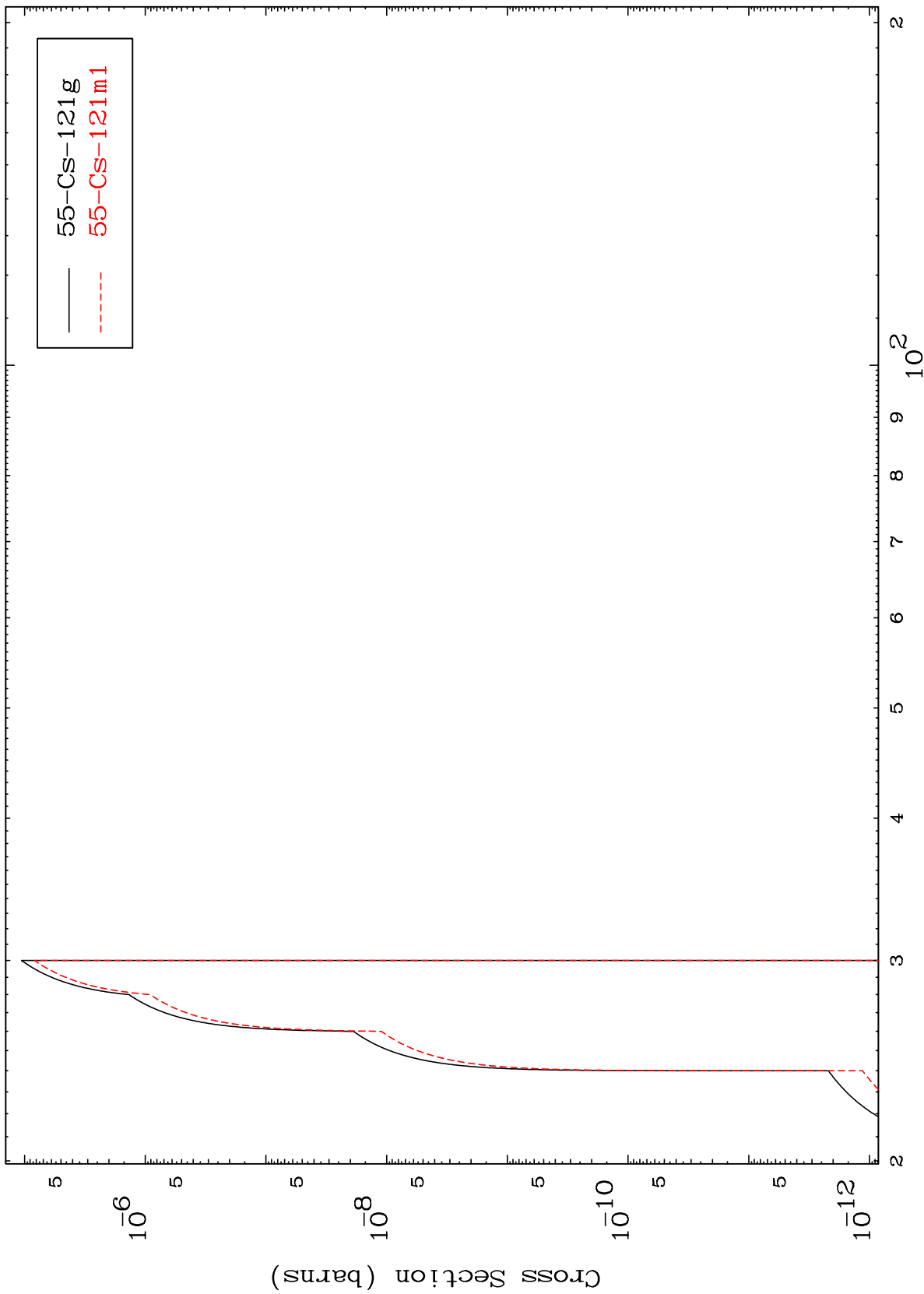


MAT 5498

(n,n') t

55-Cs-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

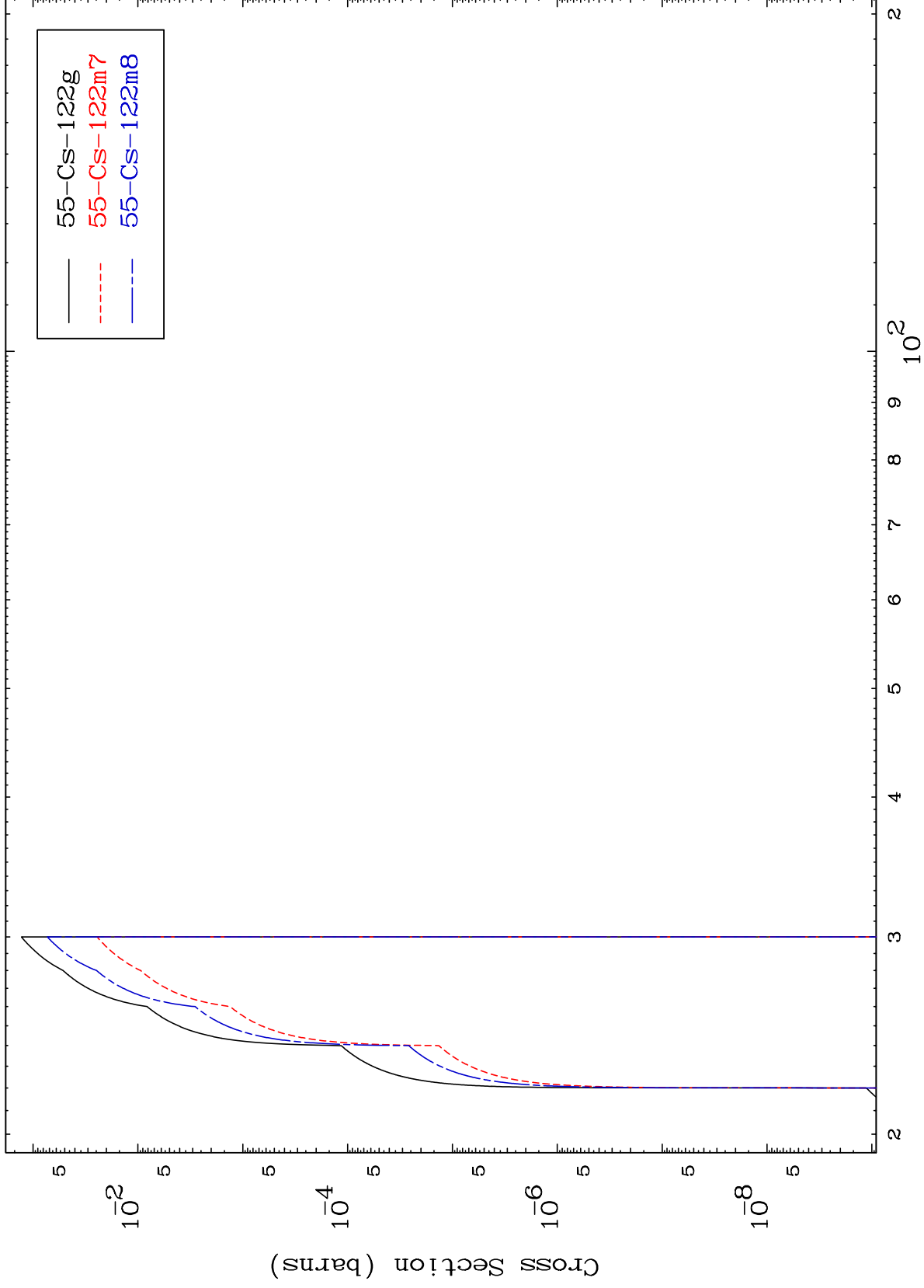
55-Cs-124

MAT 5498

(n,2n) p

55-Cs-124

Radionuclide Production Cross Section



15

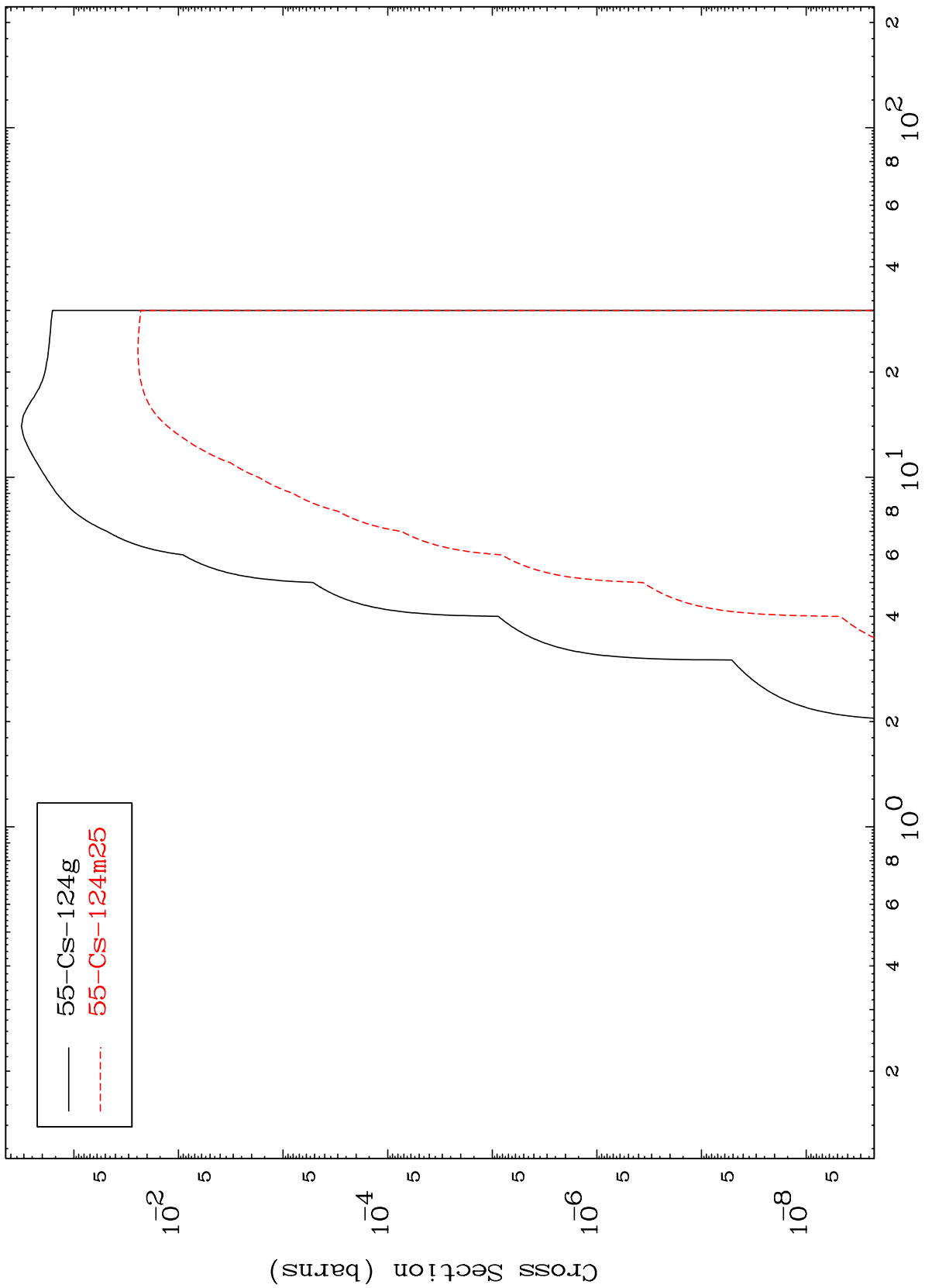
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(n,p)  
Radionuclide Production Cross Section



16

55-Cs-124

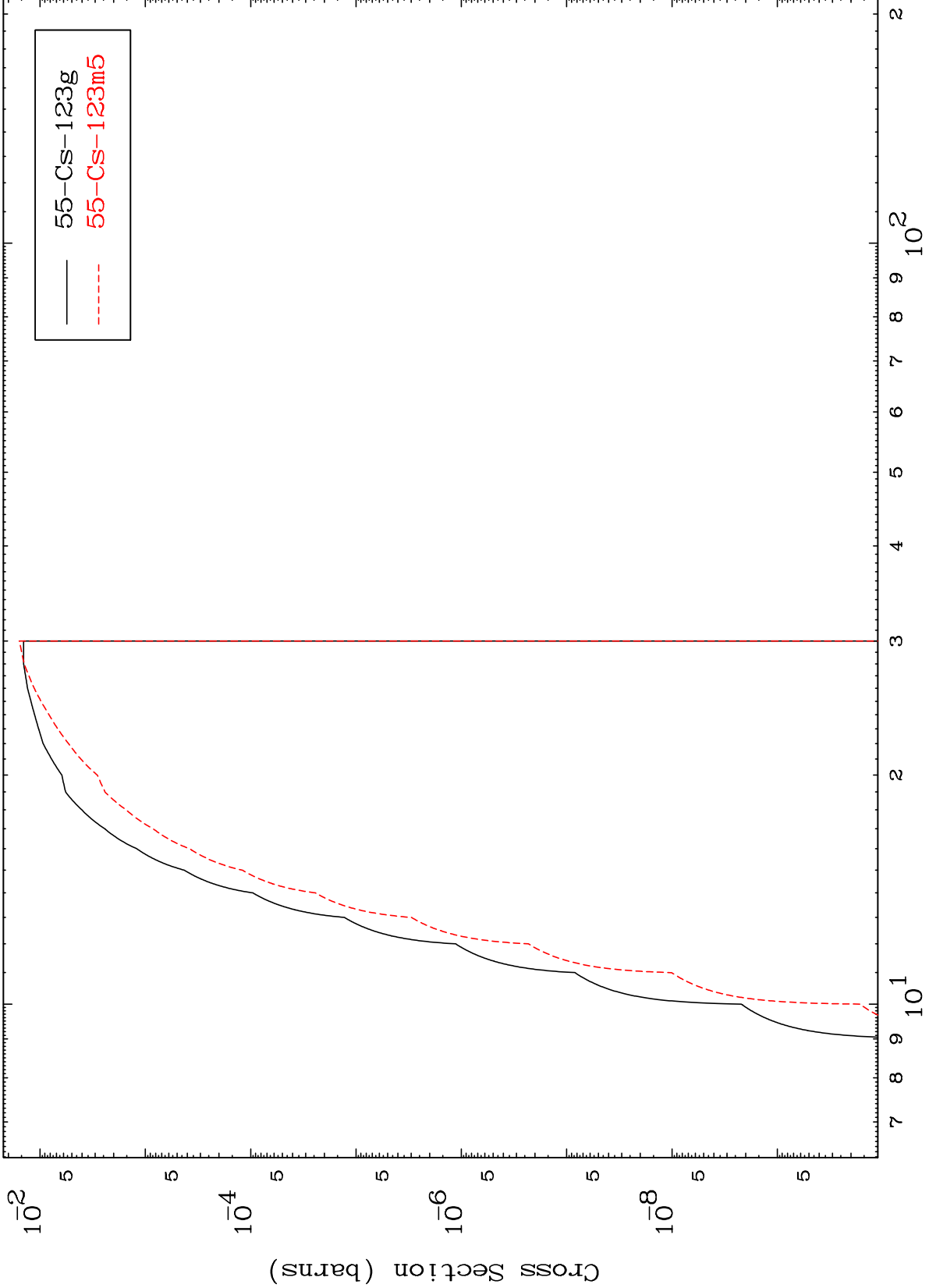
Incident Energy (MeV)

MAT 5498

(n,d)

55-Cs-124

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

17

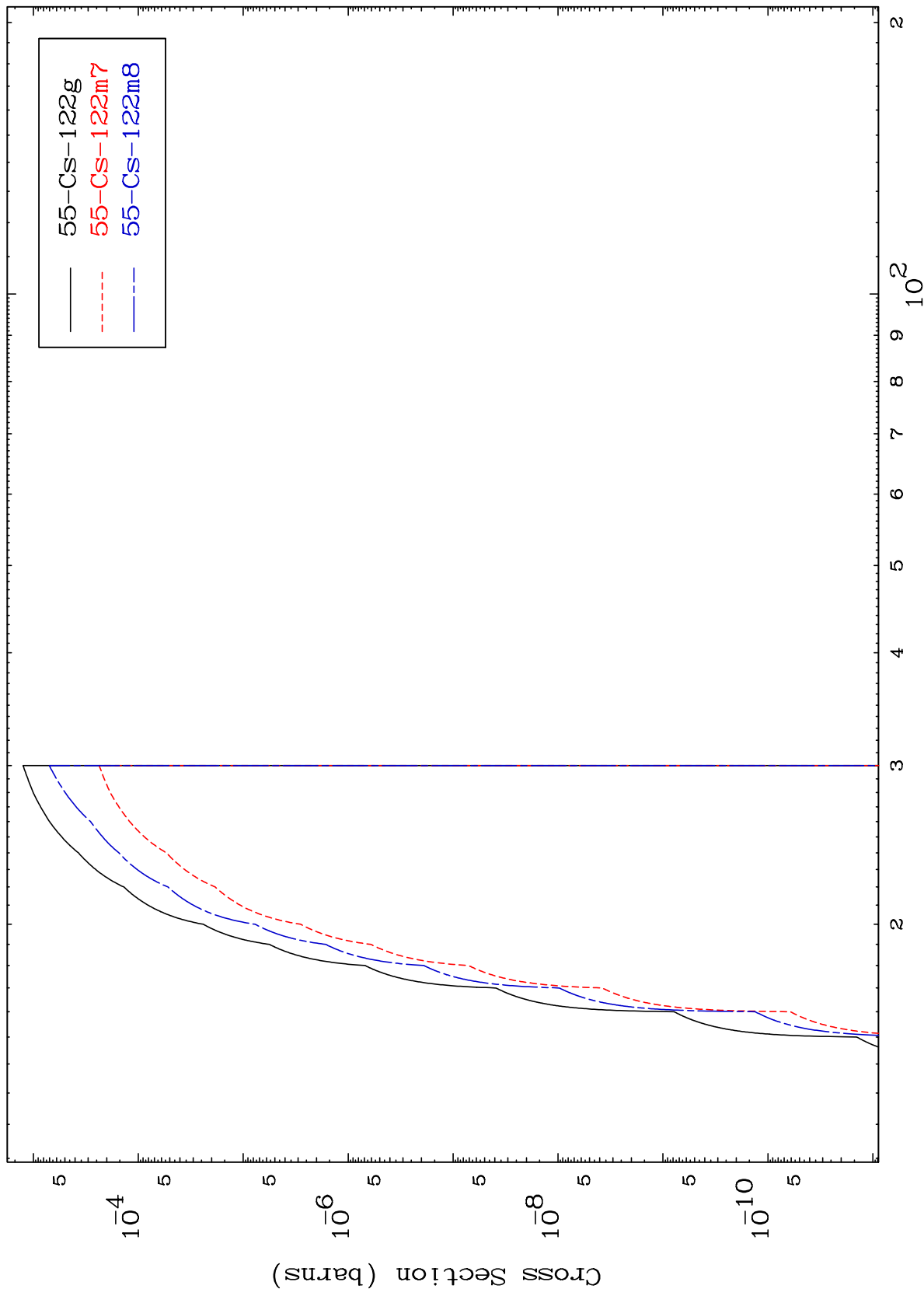
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

(n,t)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

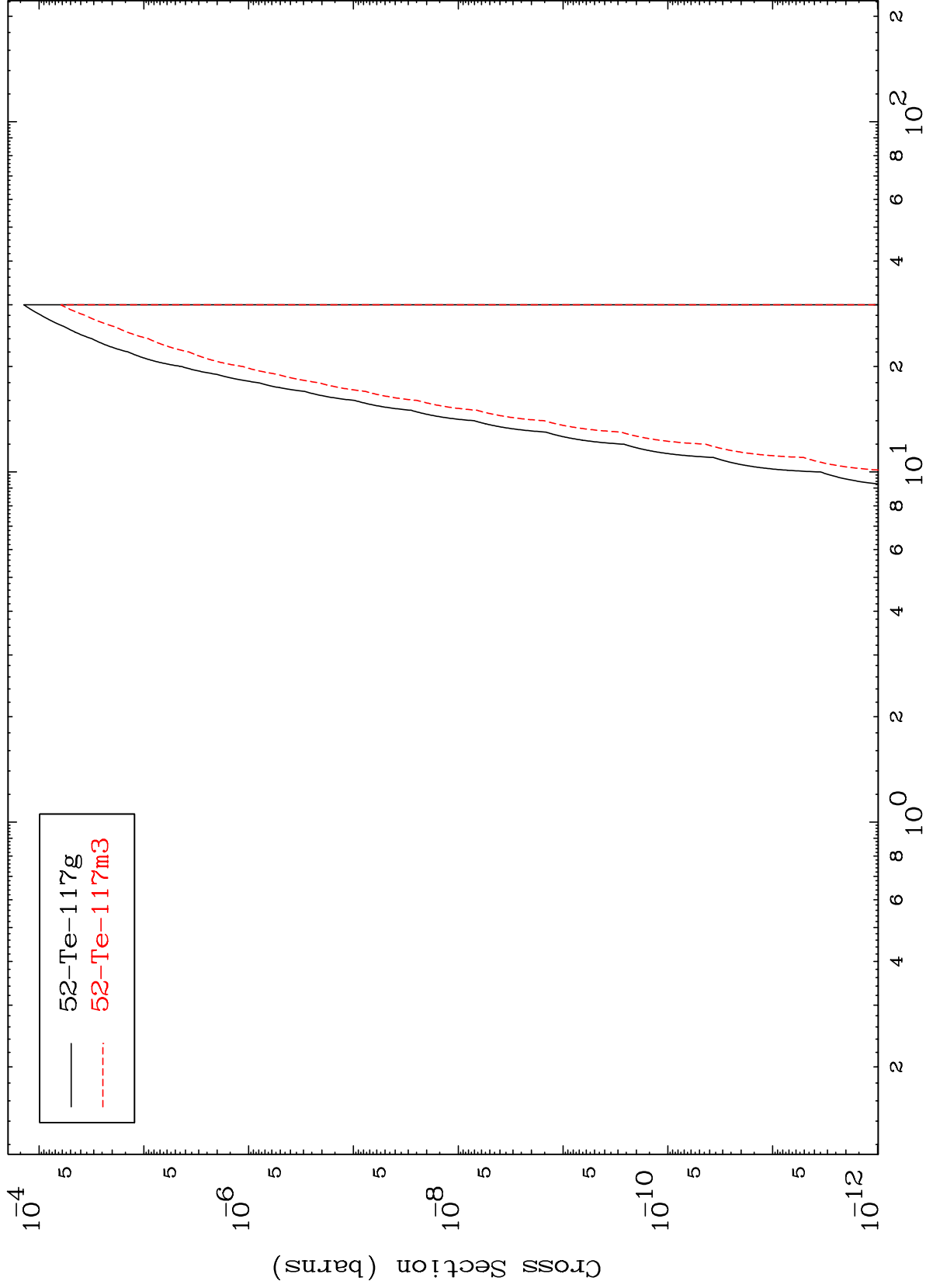
55-Cs-124

MAT 5498

(n,2α)

55-Cs-124

Radionuclide Production Cross Section



19

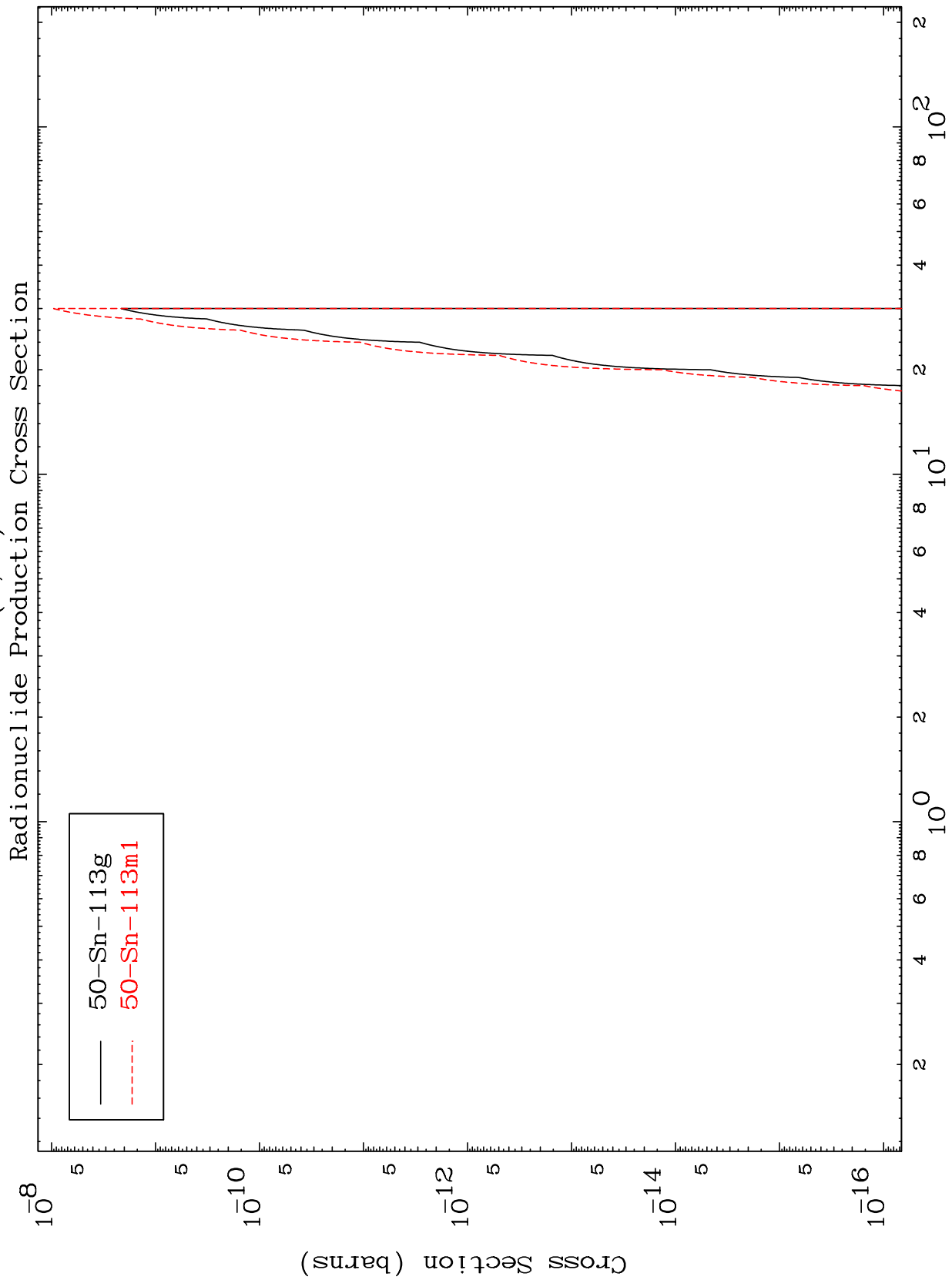
Incident Energy (MeV)

55-Cs-124

MAT 5498

55-Cs-124

55-Cs-124



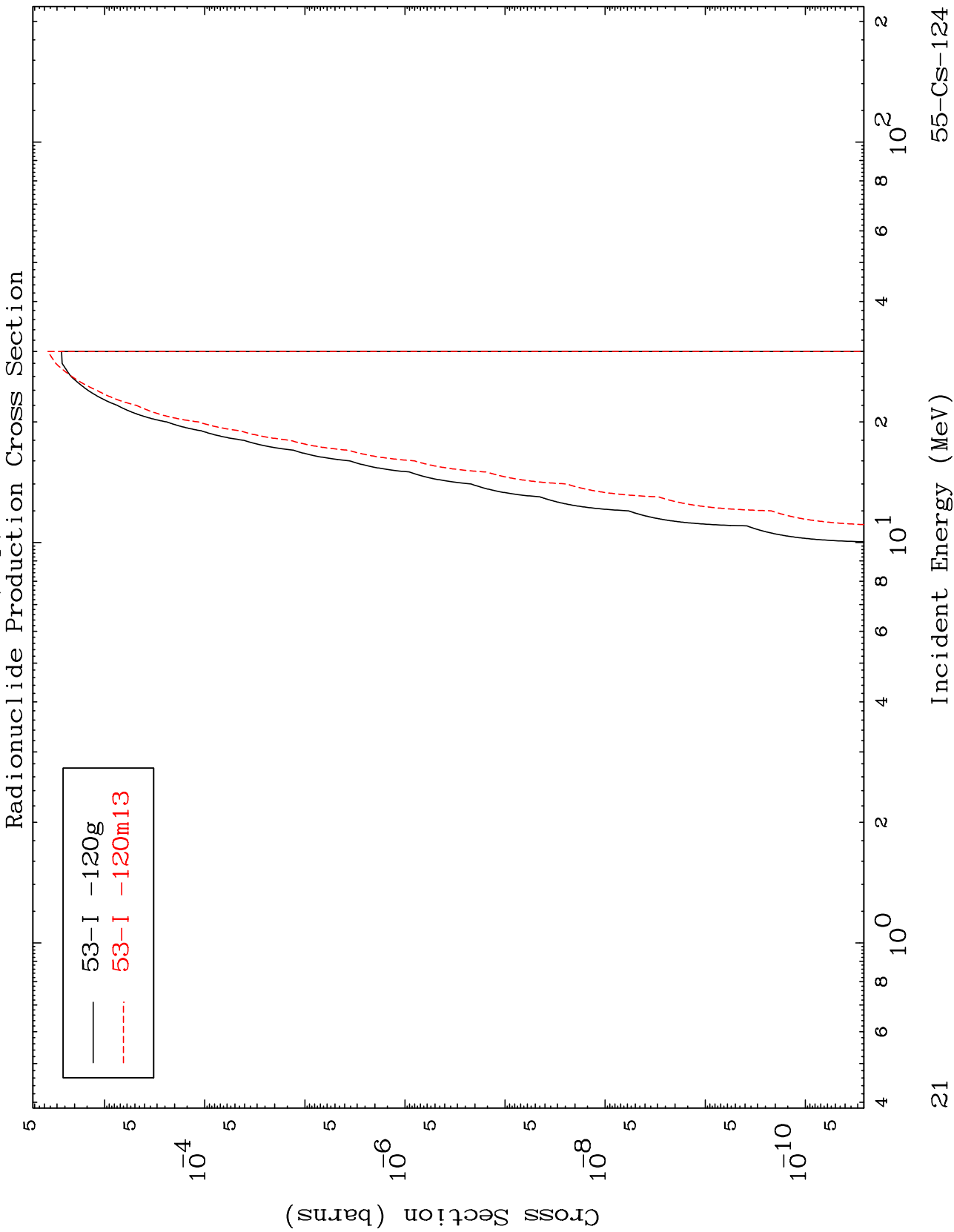
Incident Energy (MeV)

20

MAT 5498

(n,p)  $\alpha$

55-Cs-124



53-I -120g  
53-I -120m13