

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

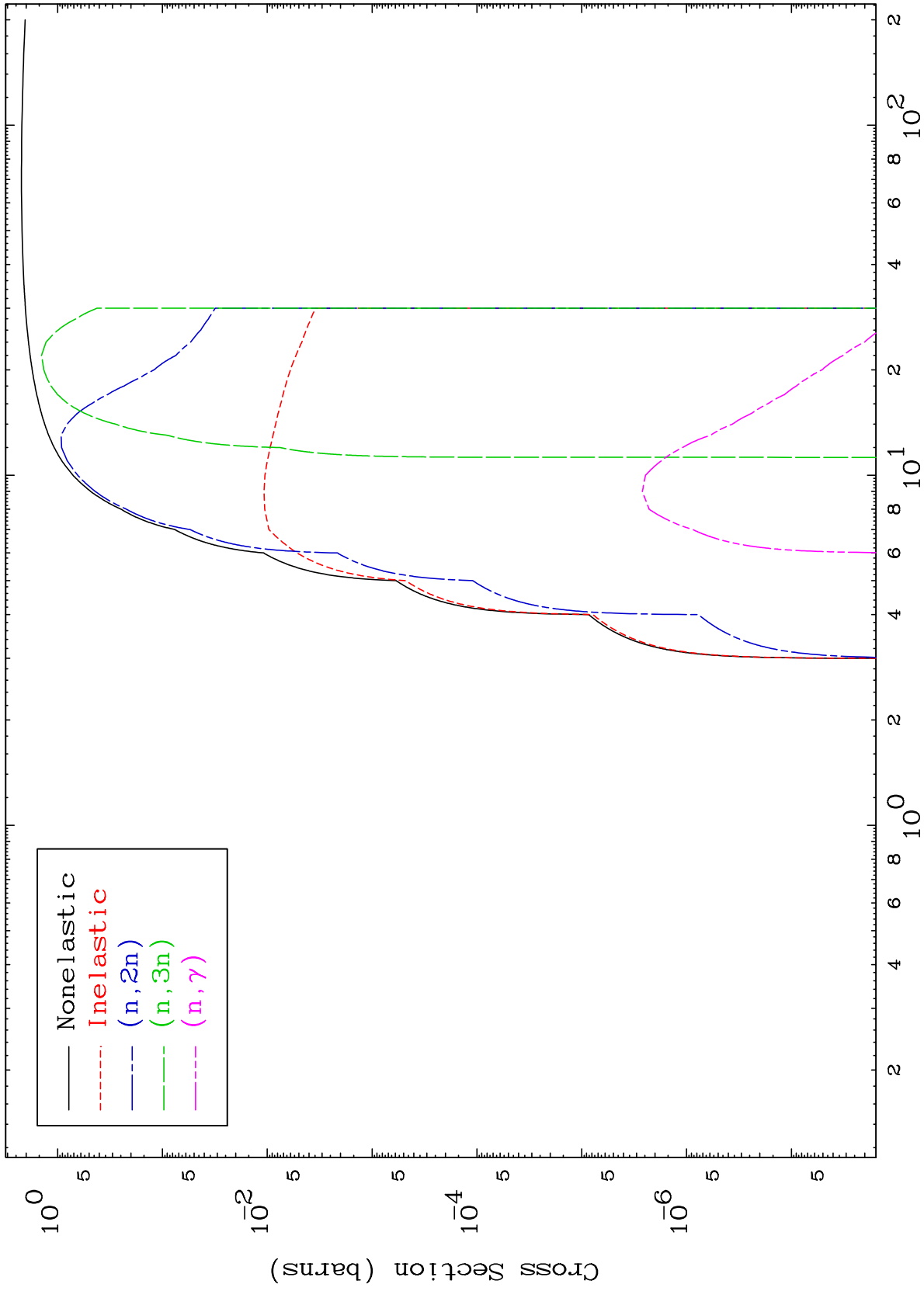
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

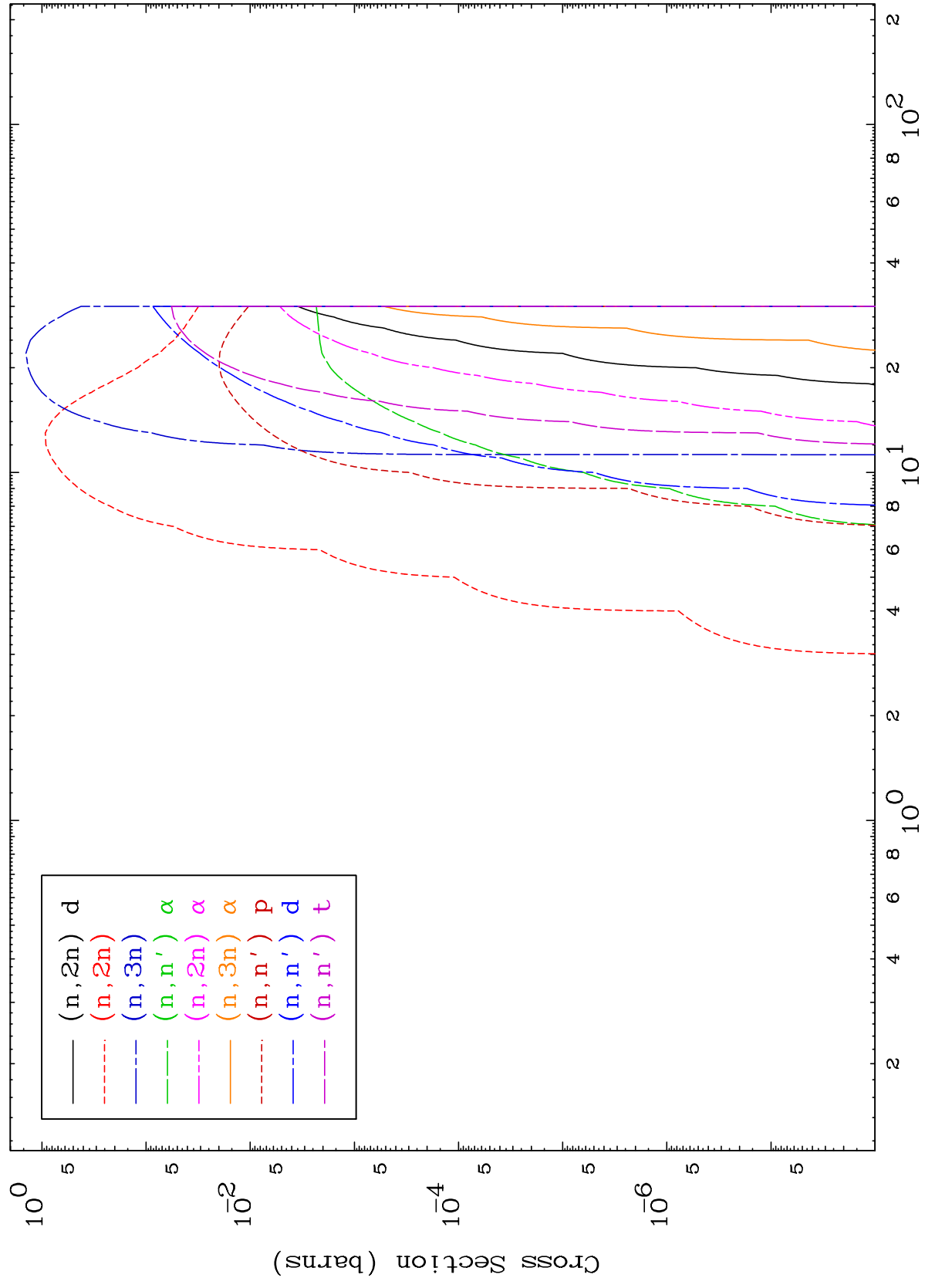
MAT 5649

Triton Major  
0 Kelvin Cross Sections

56-Ba-138



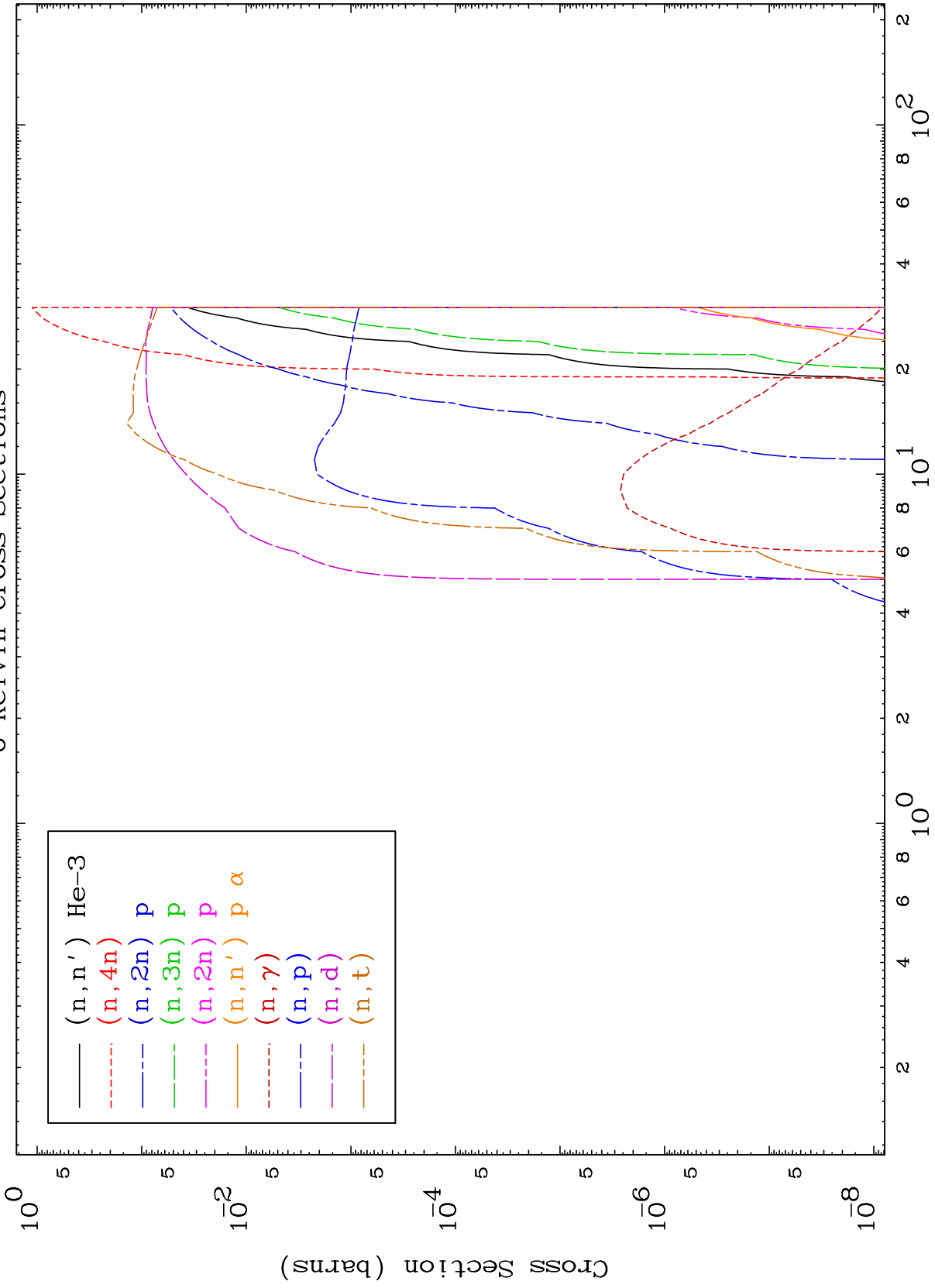
56-Ba-138



MAT 5649

Triton Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138



3

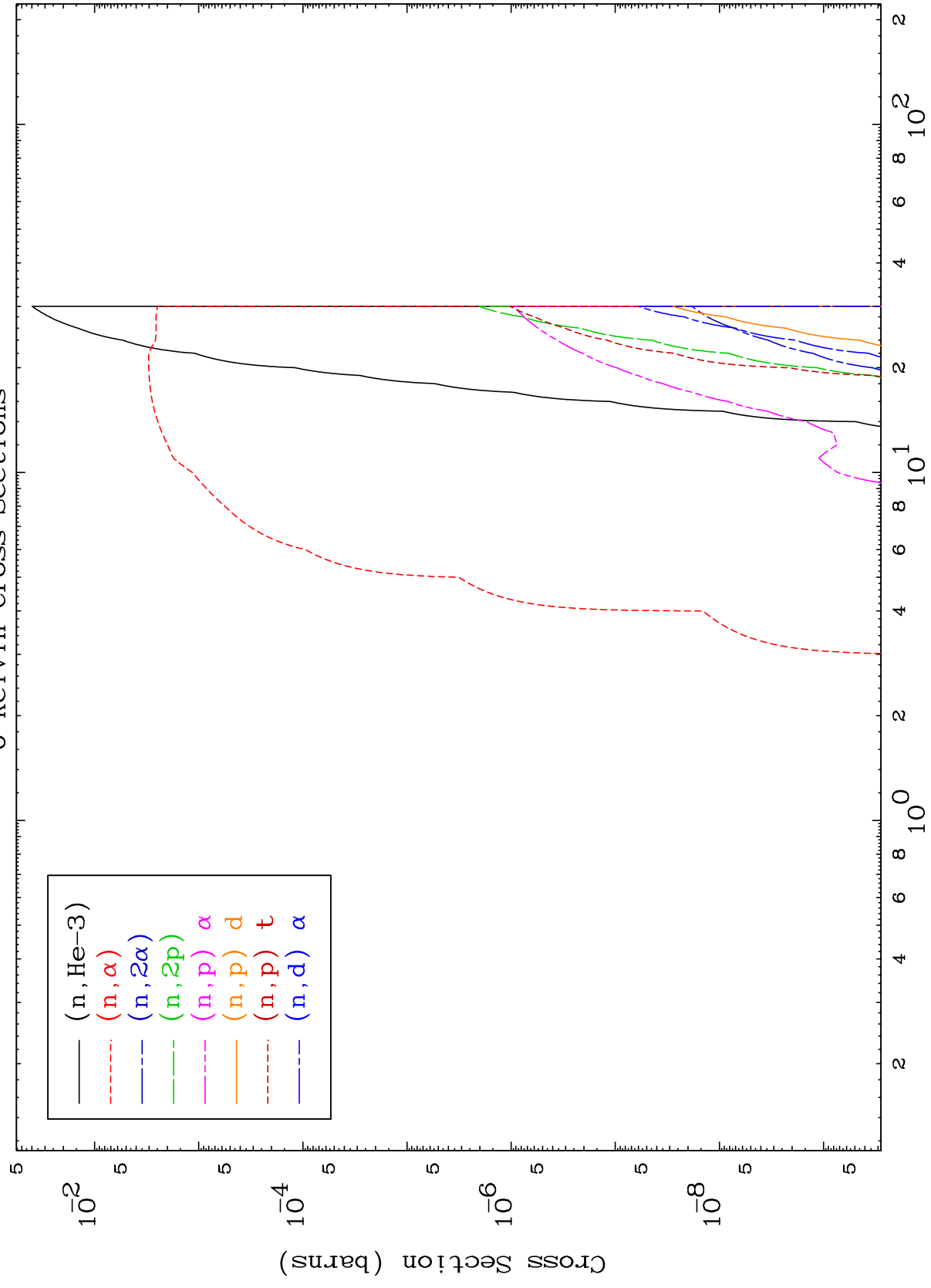
Incident Energy (MeV)

56-Ba-138

MAT 5649

Triton Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138

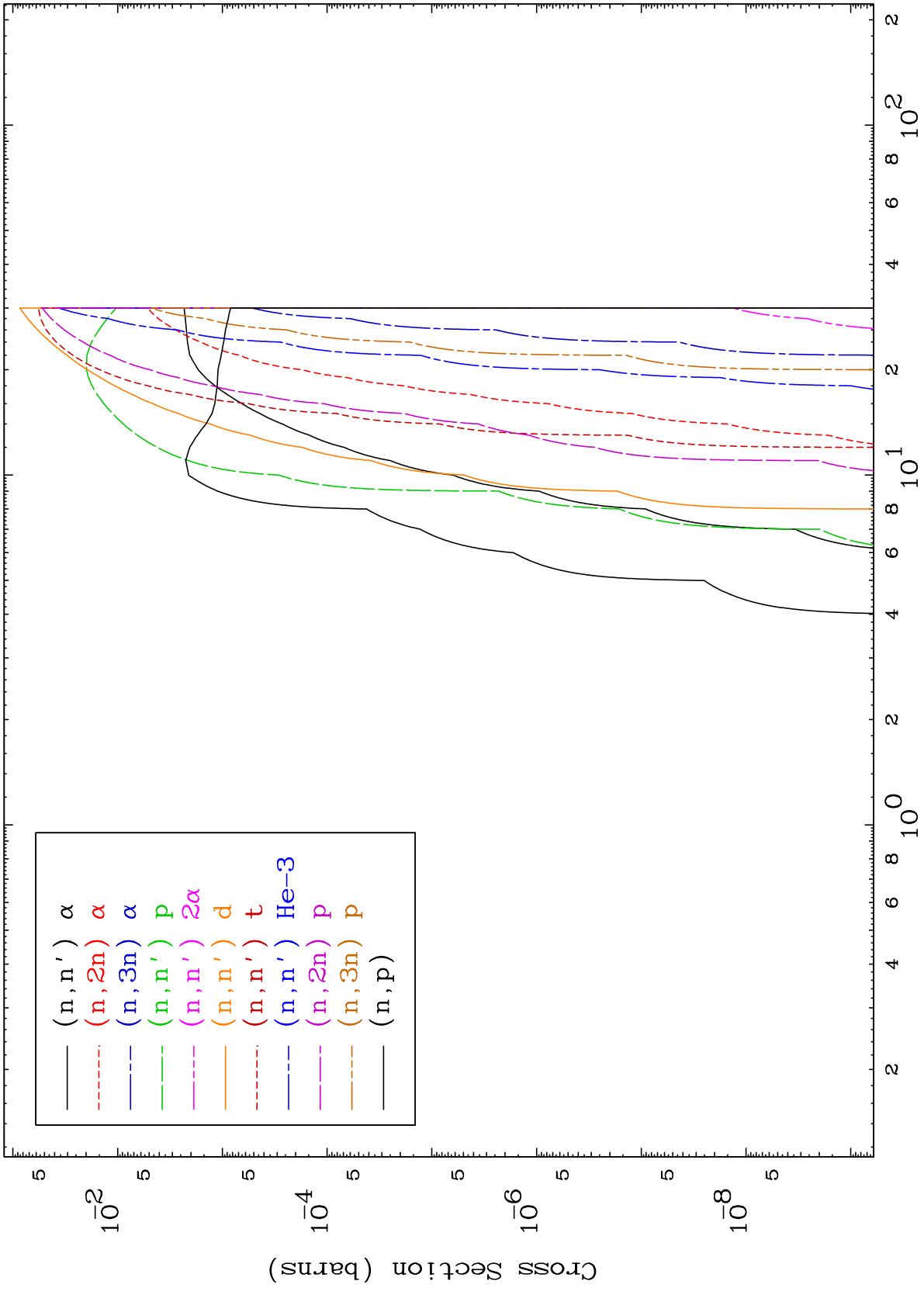


56-Ba-138

MAT 5649

Triton Charged Particle  
0 Kelvin Cross Sections

56-Ba-138

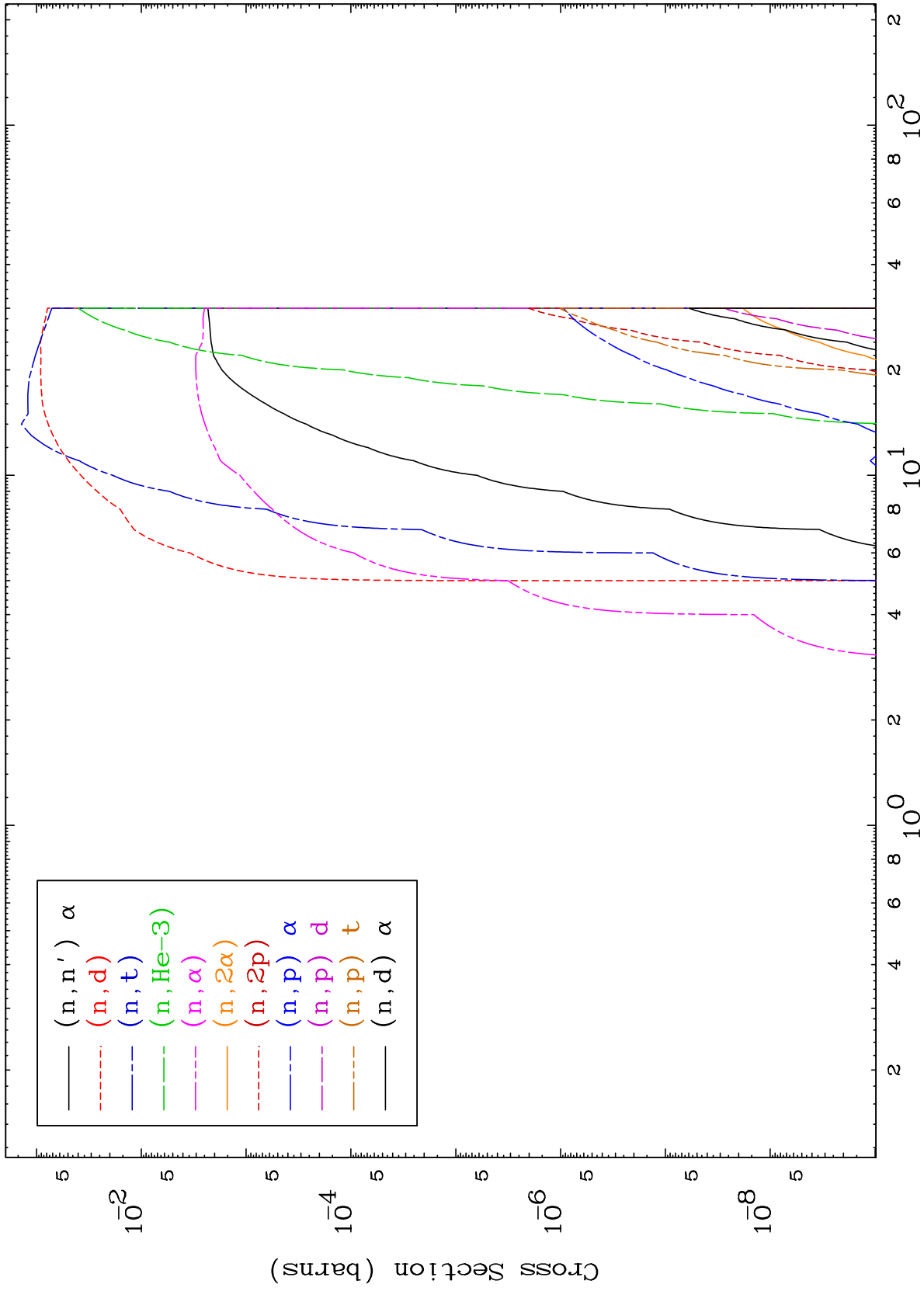


56-Ba-138

MAT 5649

Triton Charged Particle  
0 Kelvin Cross Sections

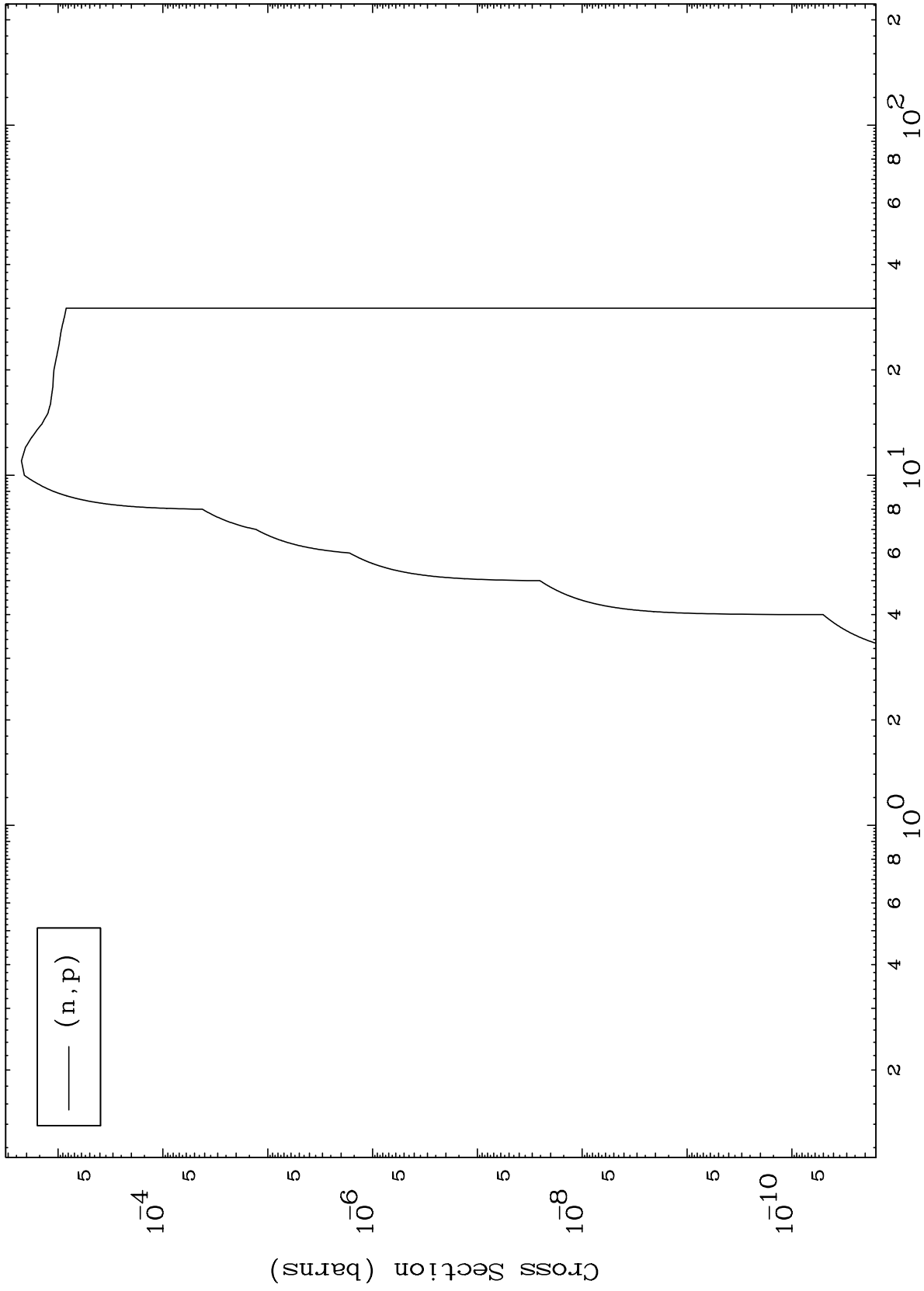
56-Ba-138



MAT 5649

(t,p) Levels  
0 Kelvin Cross Sections

56-Ba-138



7

Incident Energy (MeV)

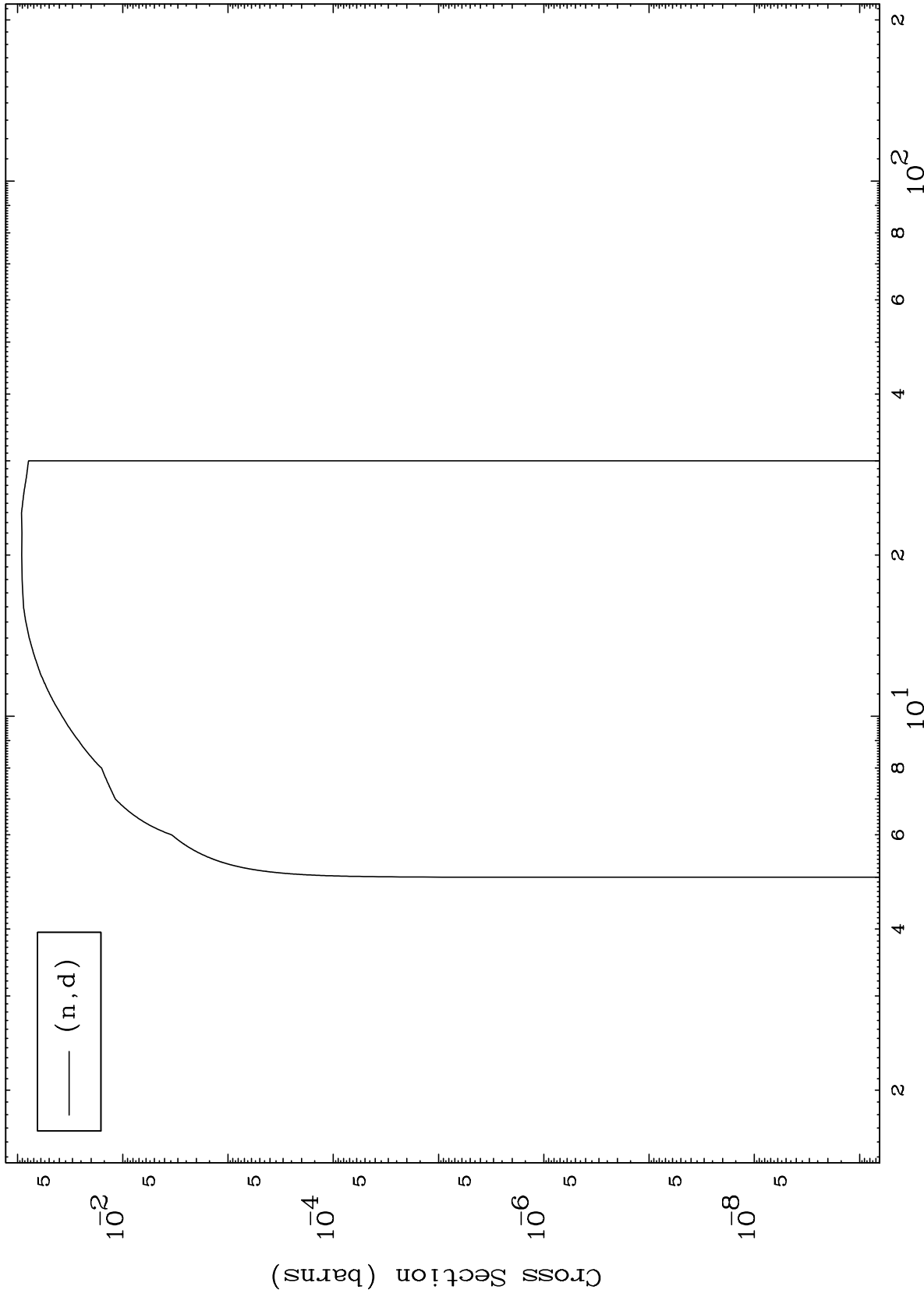
56-Ba-138



MAT 5649

(t,d) Levels  
0 Kelvin Cross Sections

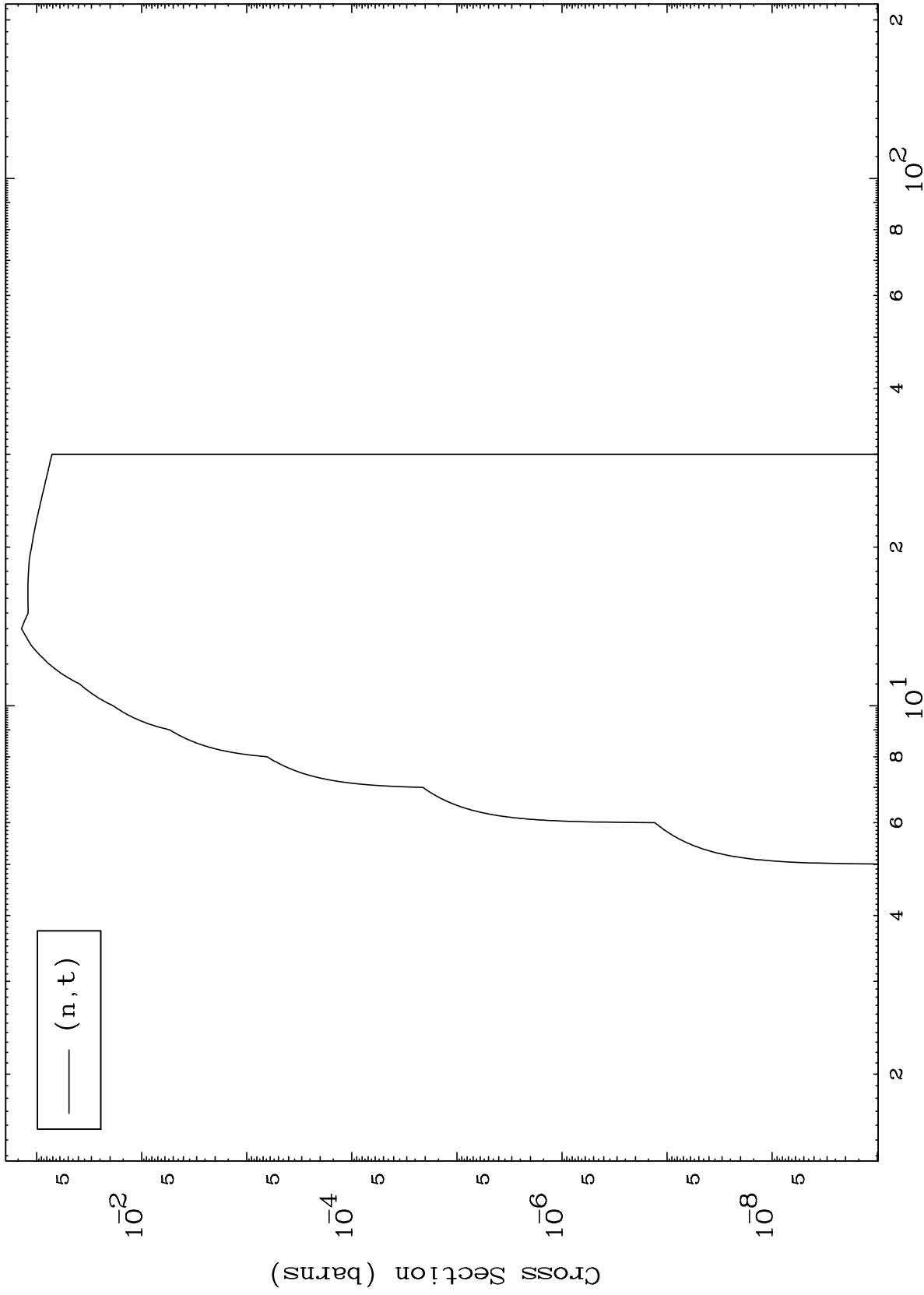
56-Ba-138



MAT 5649

(t,t) Levels  
0 Kelvin Cross Sections

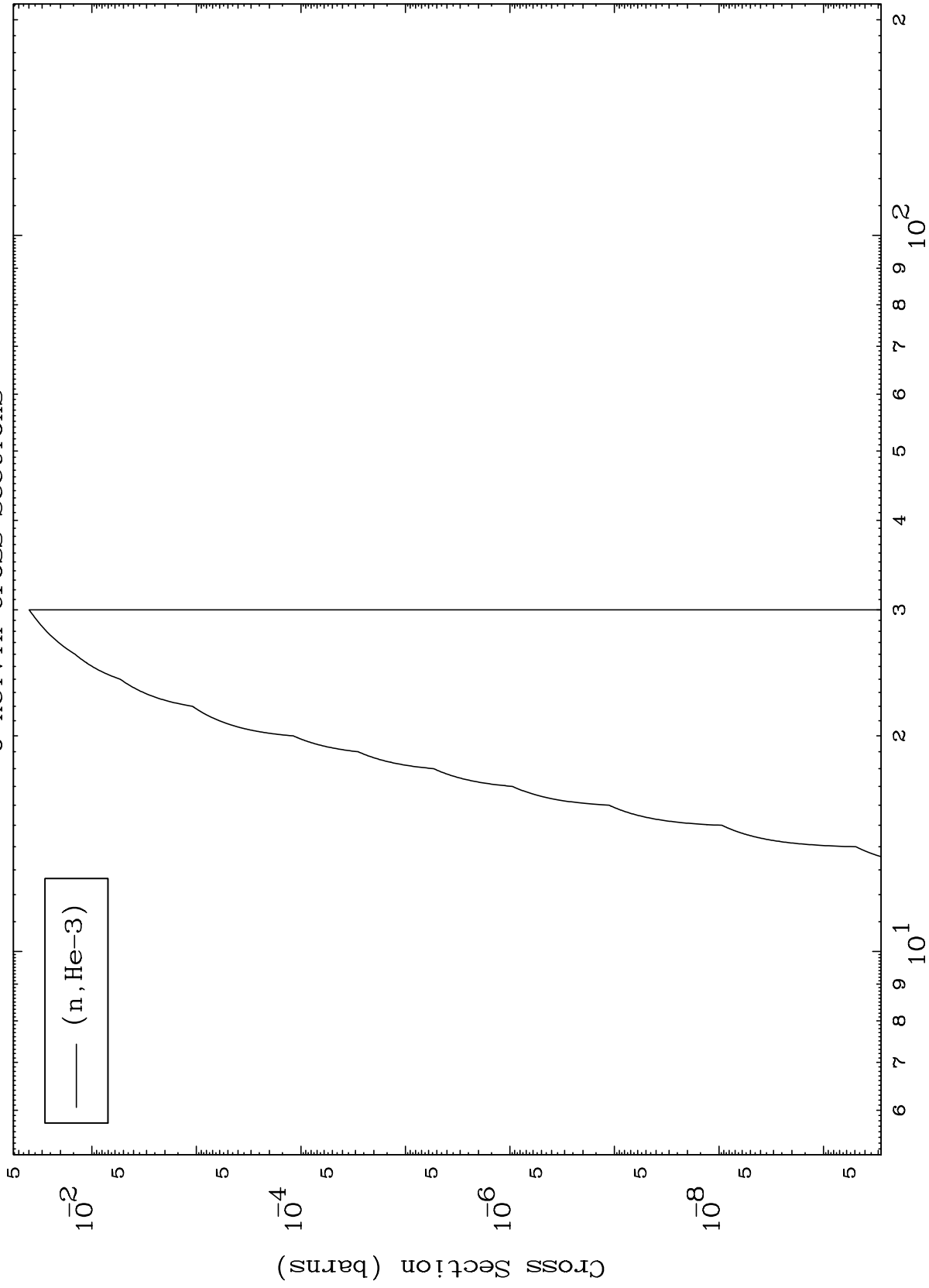
56-Ba-138



MAT 5649

(t,He3) Levels  
0 Kelvin Cross Sections

56-Ba-138



10

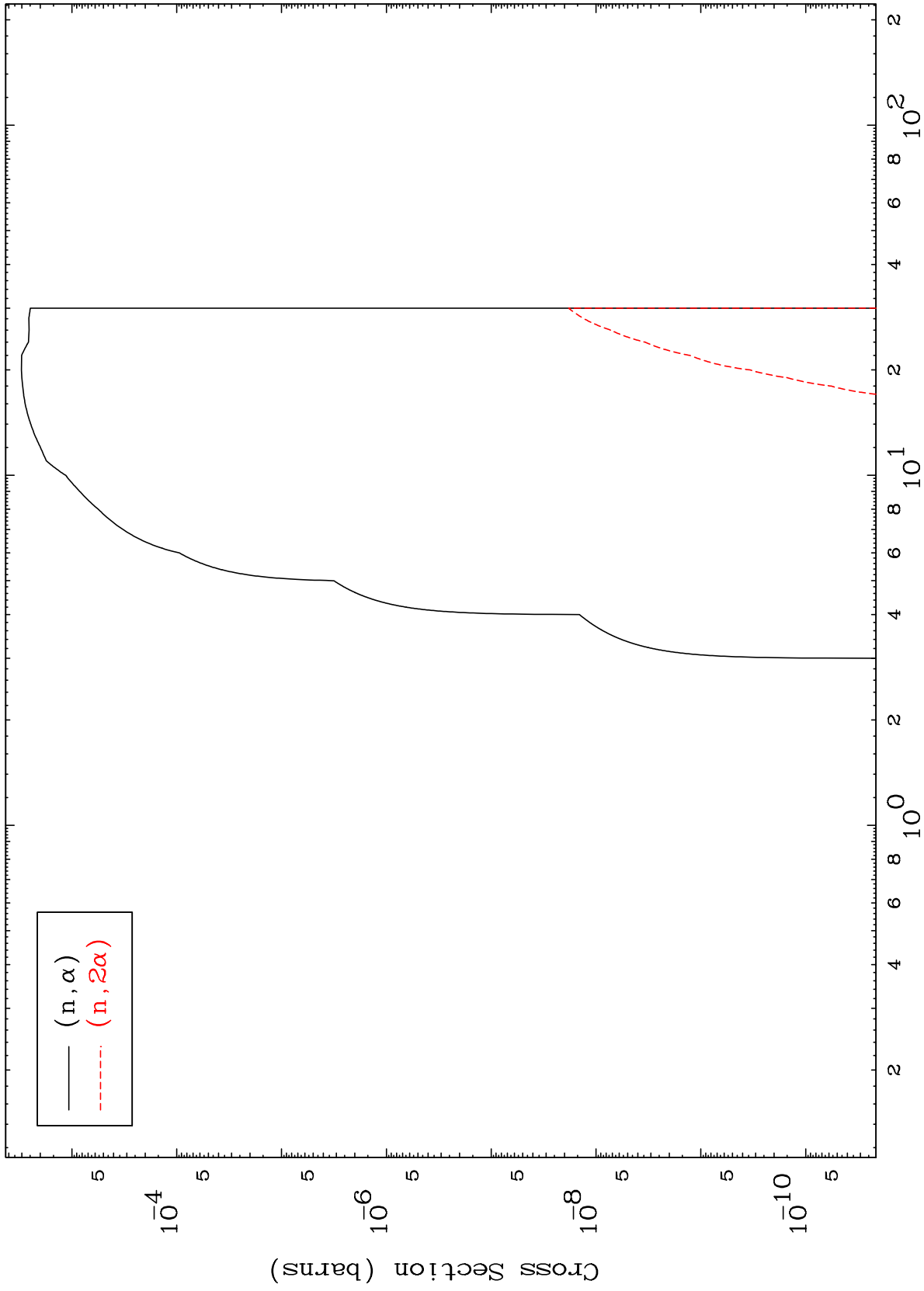
Incident Energy (MeV)

56-Ba-138

MAT 5649

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

56-Ba-138



11

Incident Energy (MeV)

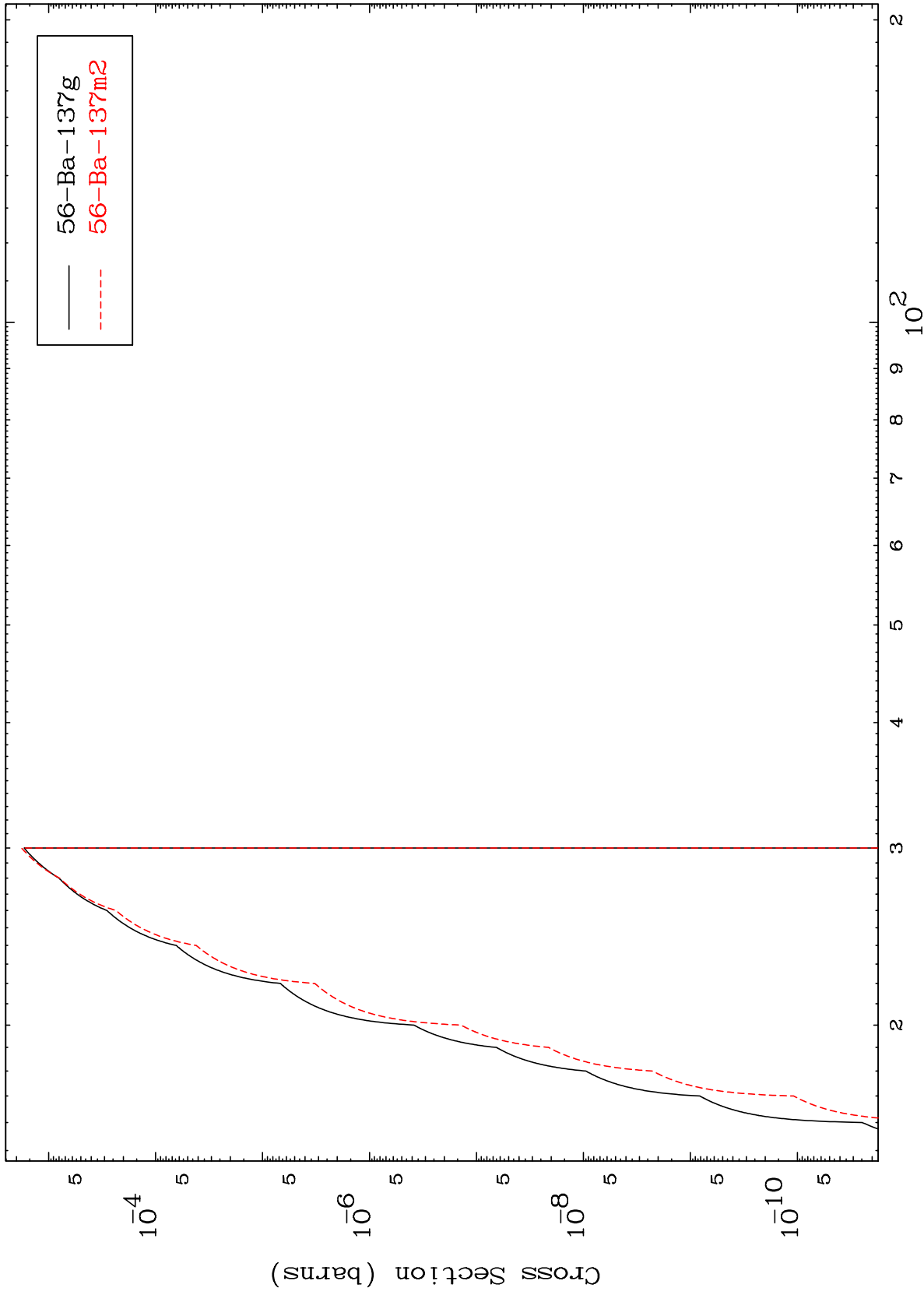
56-Ba-138

MAT 5649

(n,2n) d

56-Ba-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

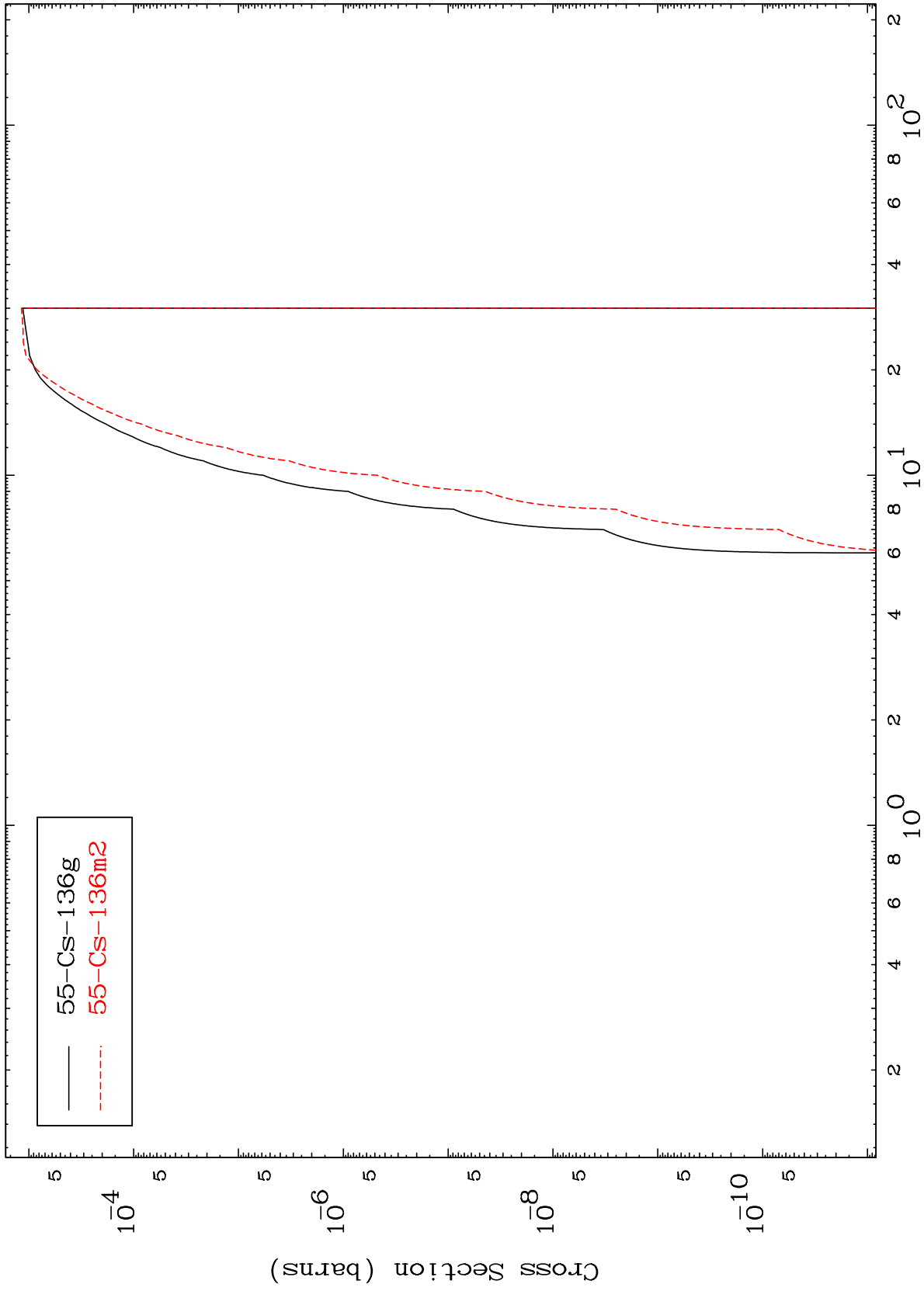
56-Ba-138

MAT 5649

(n,n')  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



13

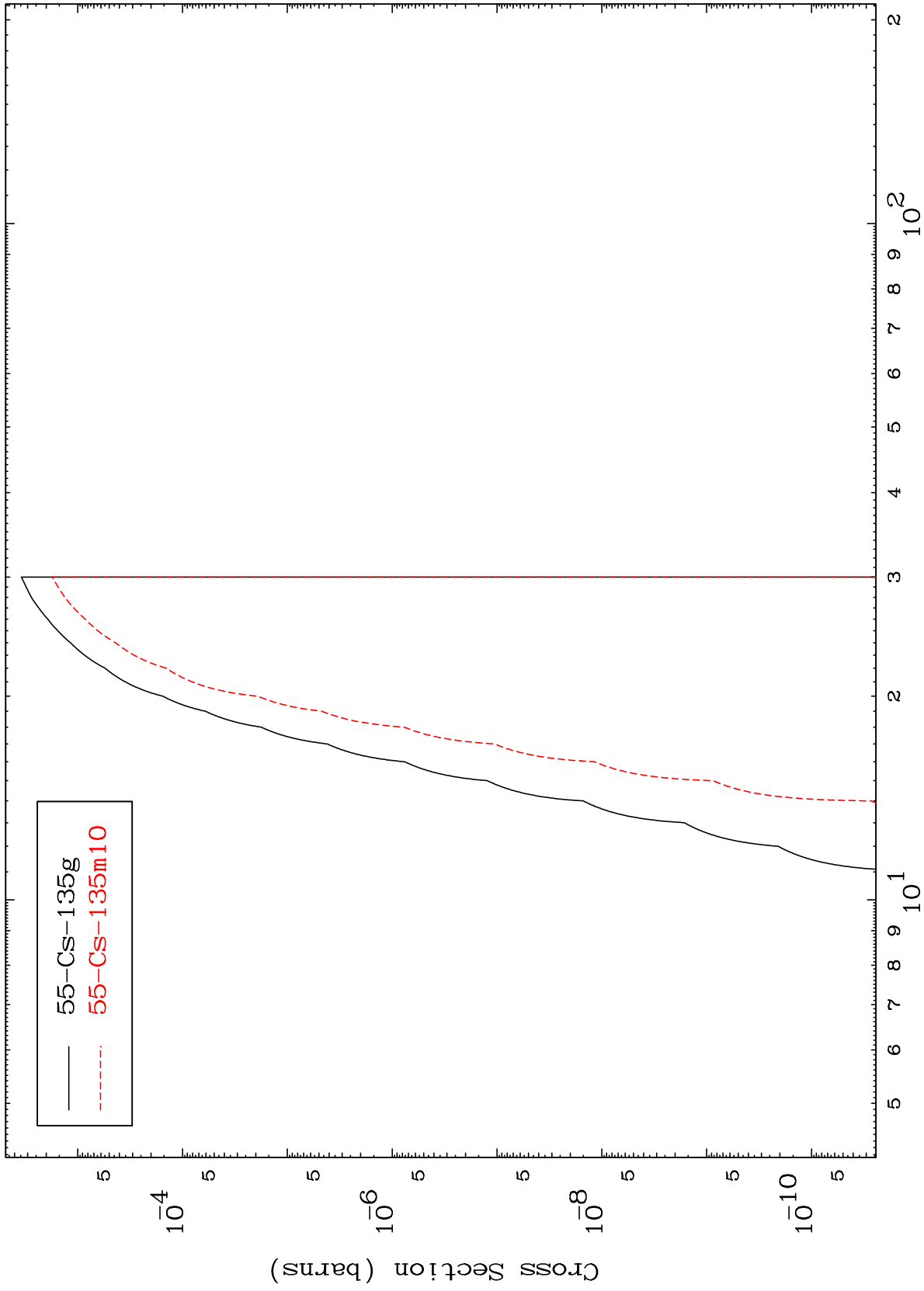
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



14

Incident Energy (MeV)

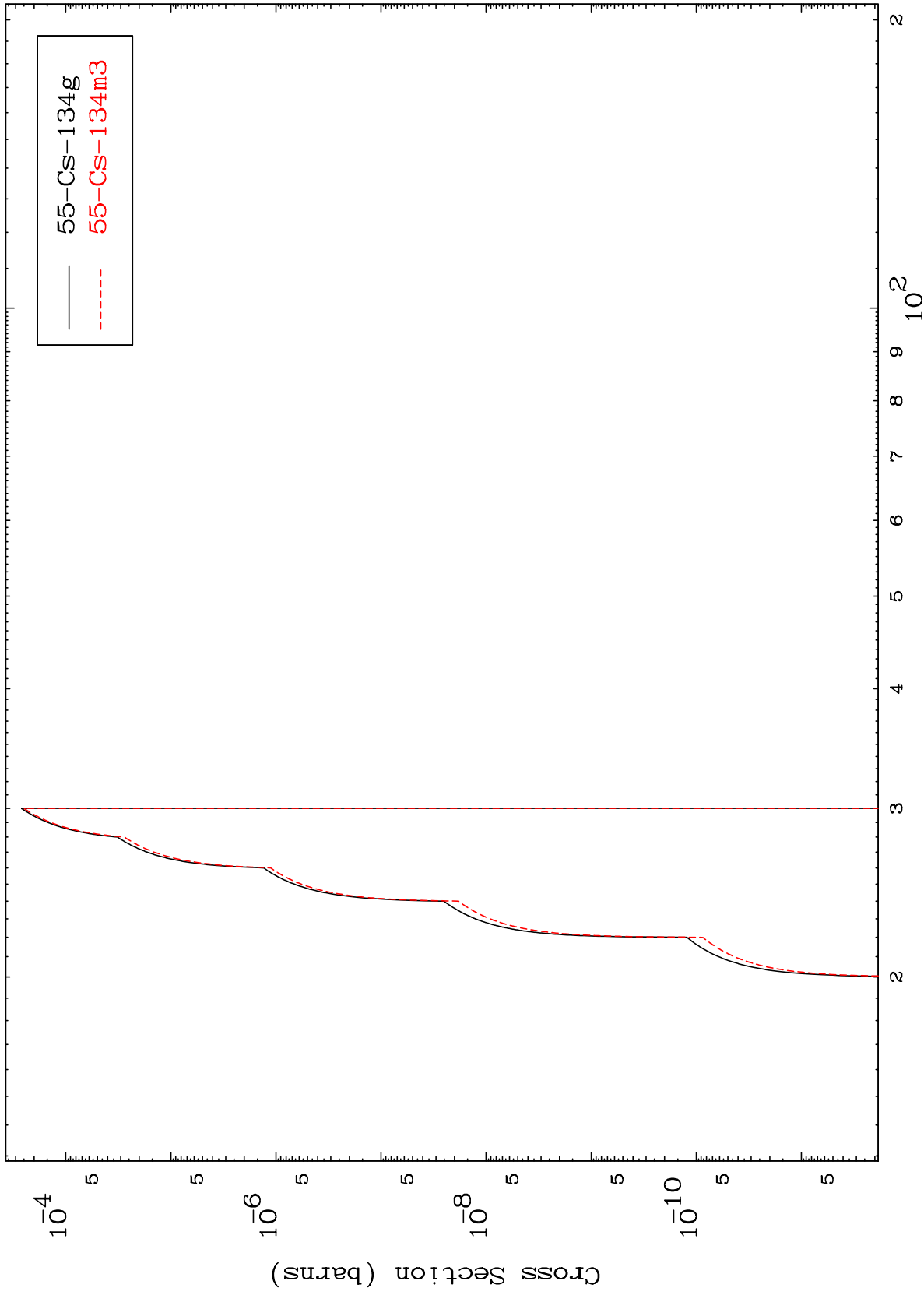
56-Ba-138

MAT 5649

(n,3n)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

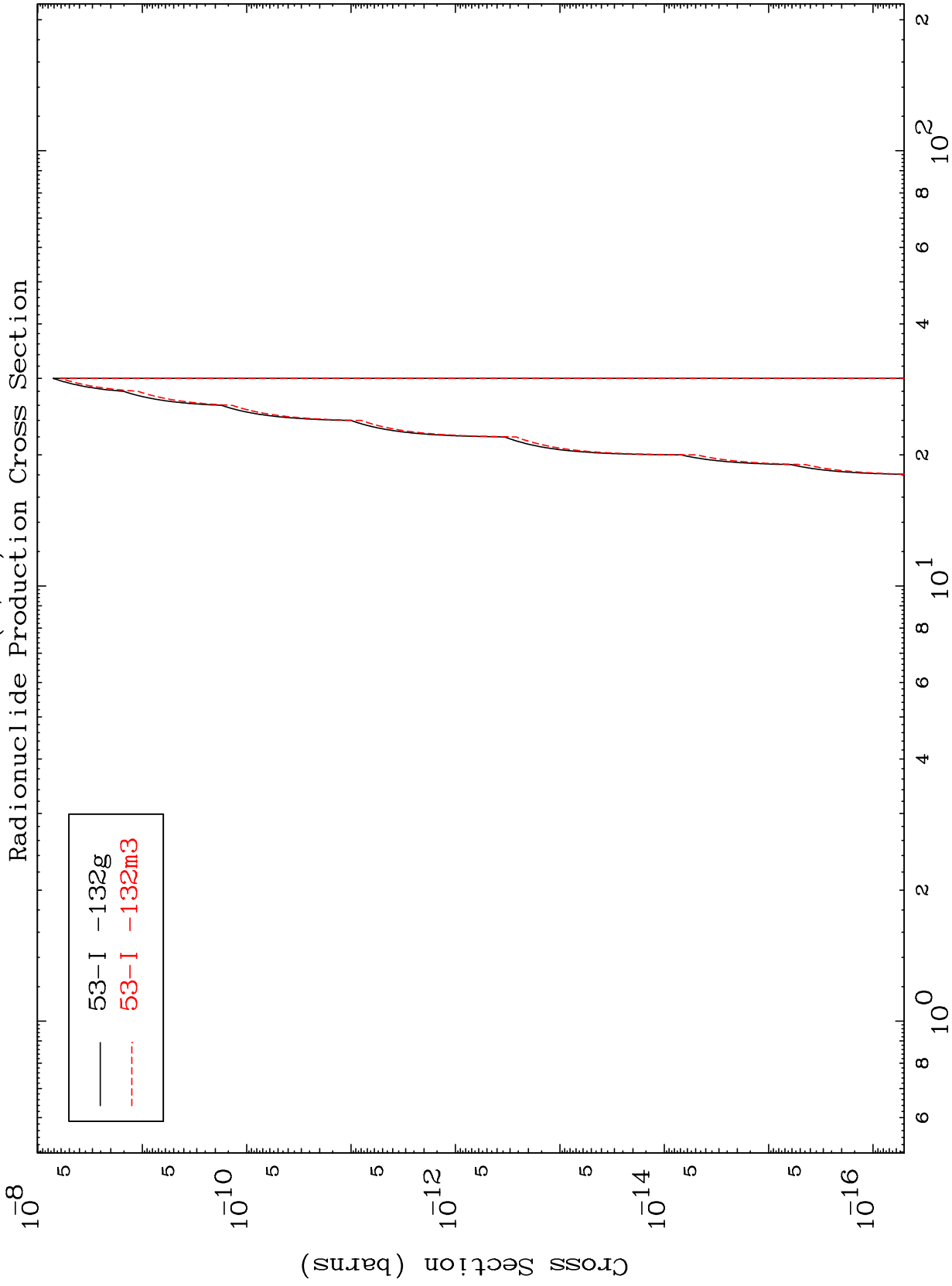
56-Ba-138



MAT 5649

(n,n') 2 $\alpha$

56-Ba-138



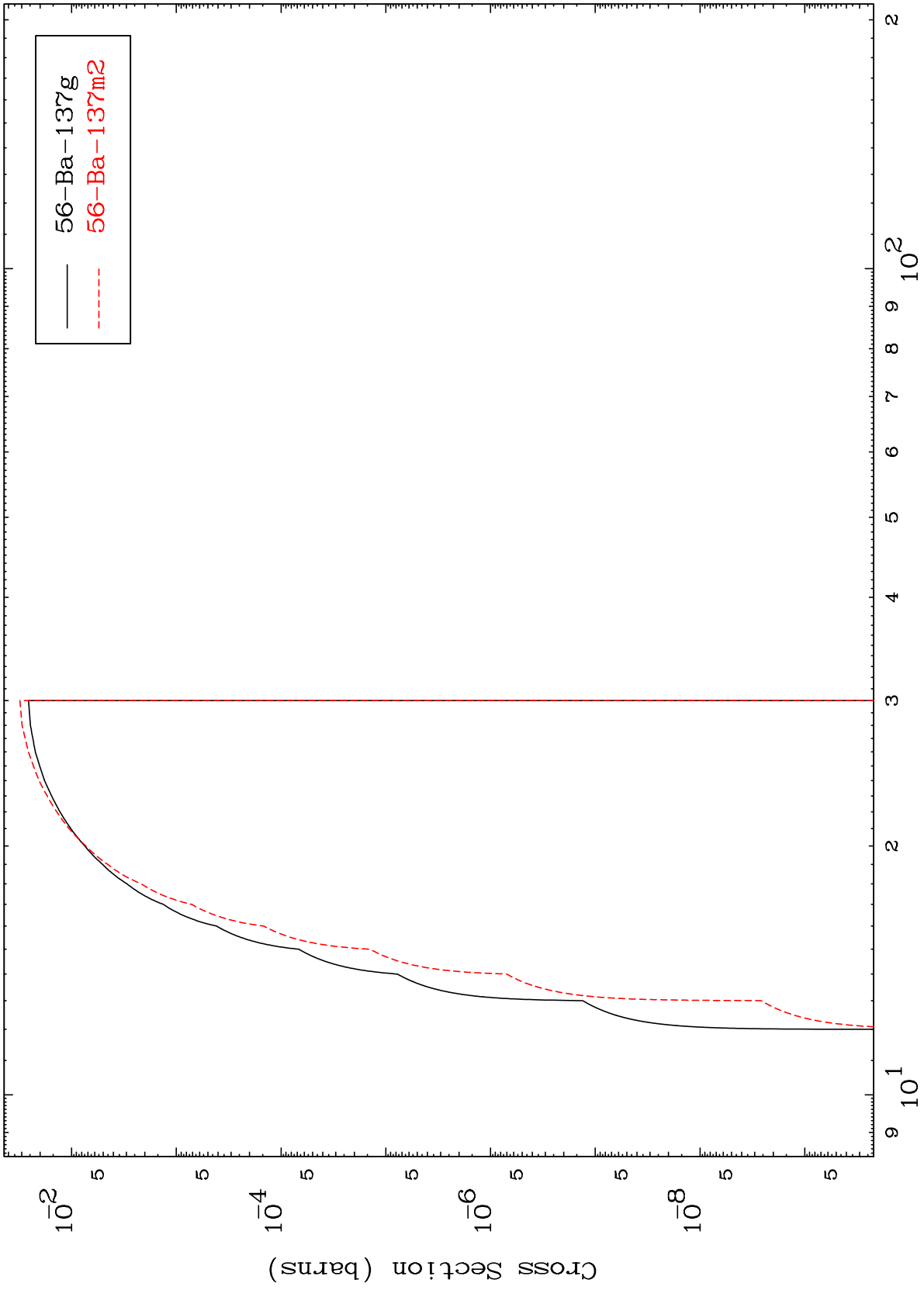
16

MAT 5649

(n,n') t

56-Ba-138

Radionuclide Production Cross Section



17

Incident Energy (MeV)

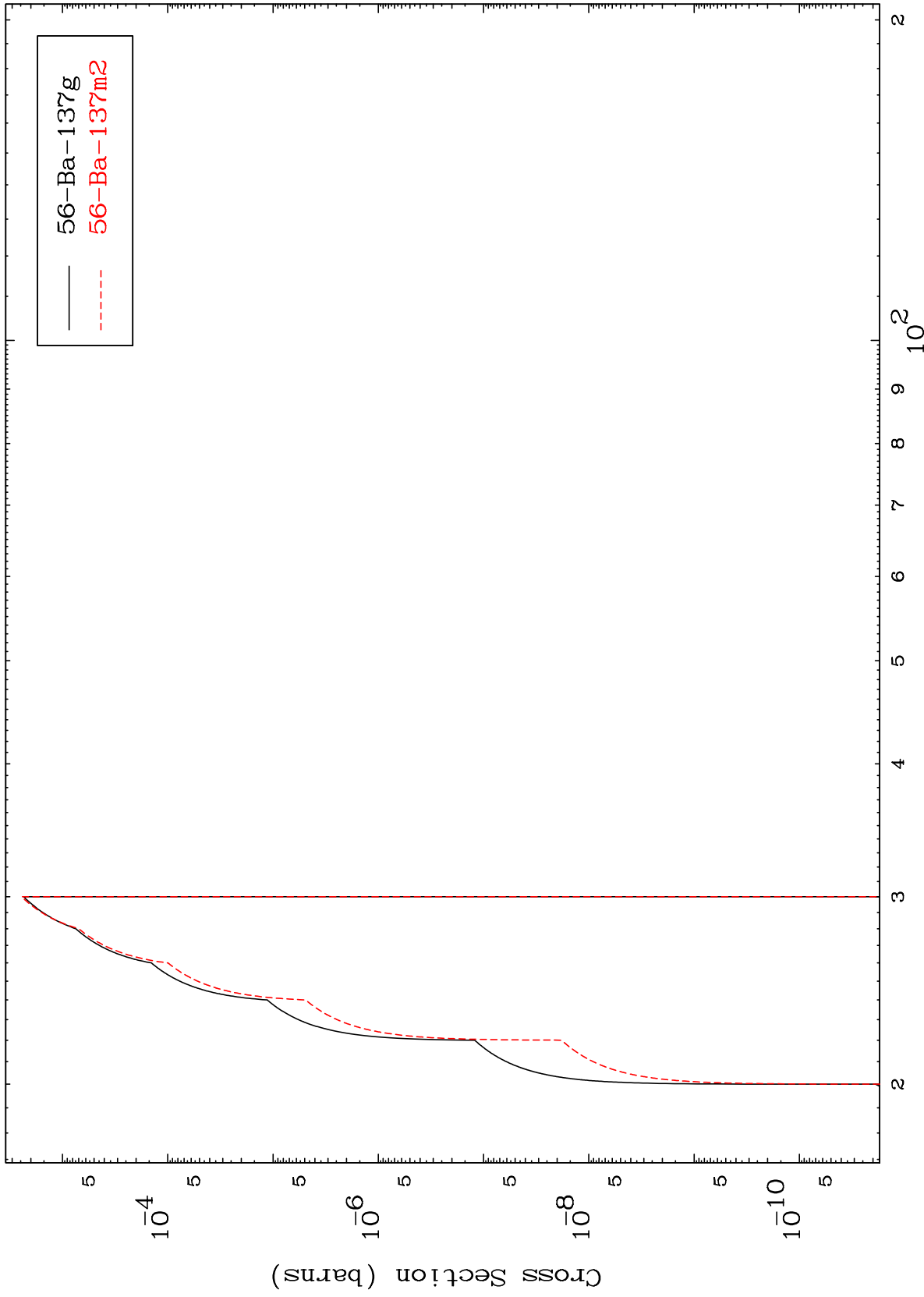
56-Ba-138

MAT 5649

(n,3n) p

56-Ba-138

Radionuclide Production Cross Section



18

Incident Energy (MeV)

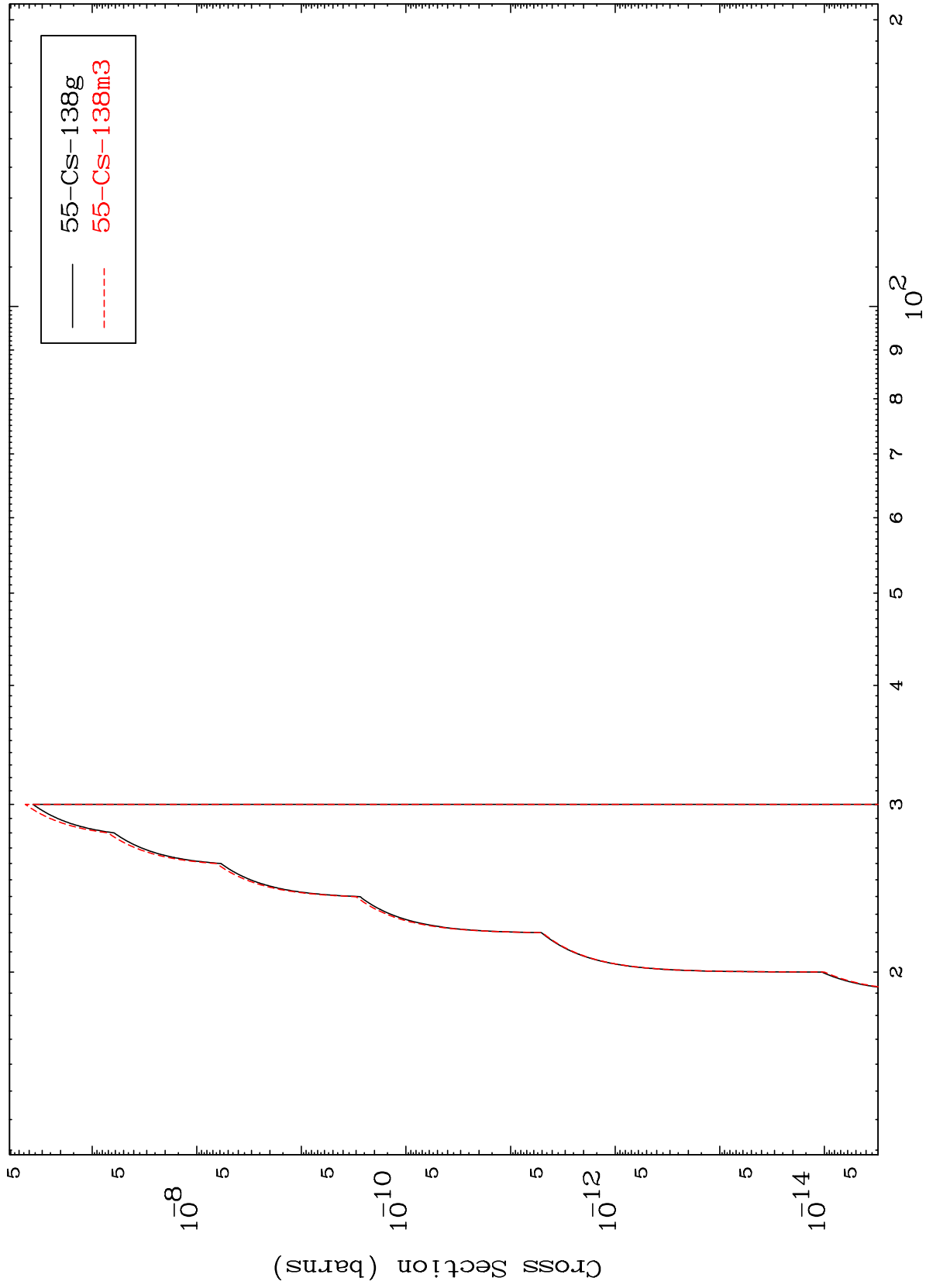
56-Ba-138

MAT 5649

(n,2n) p

56-Ba-138

Radionuclide Production Cross Section



19

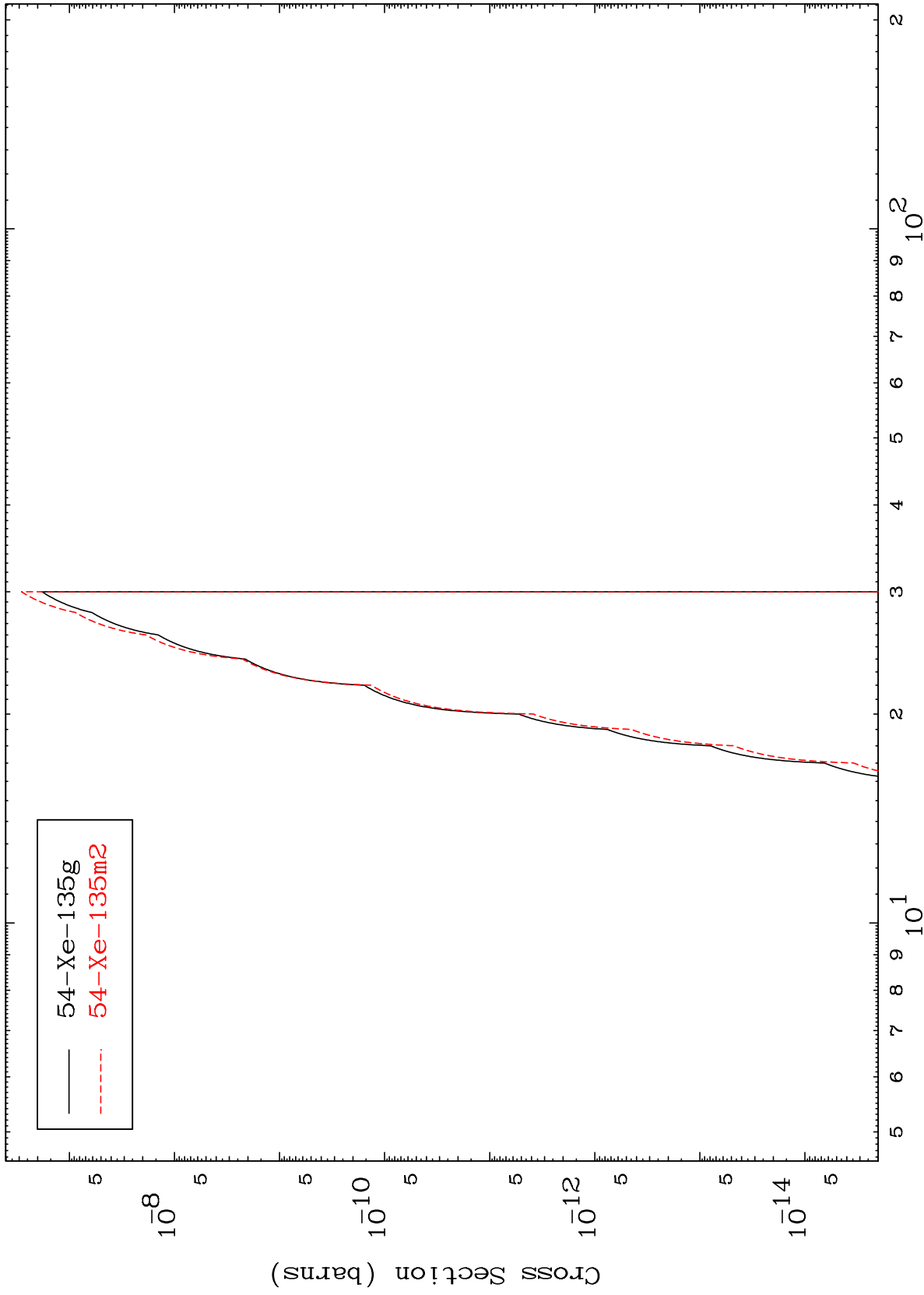
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



20

Incident Energy (MeV)

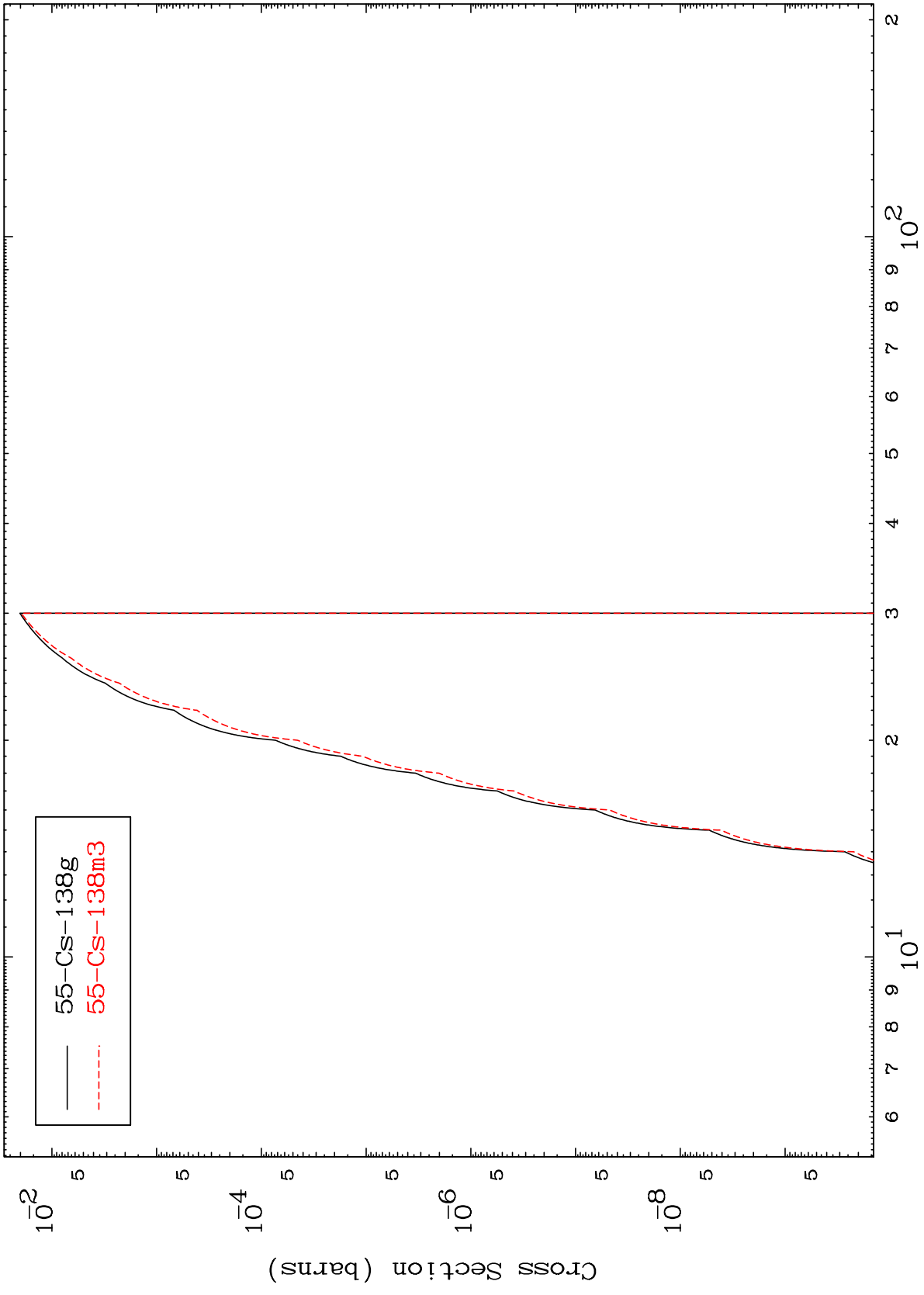
56-Ba-138

MAT 5649

(n, He-3)

56-Ba-138

Radionuclide Production Cross Section



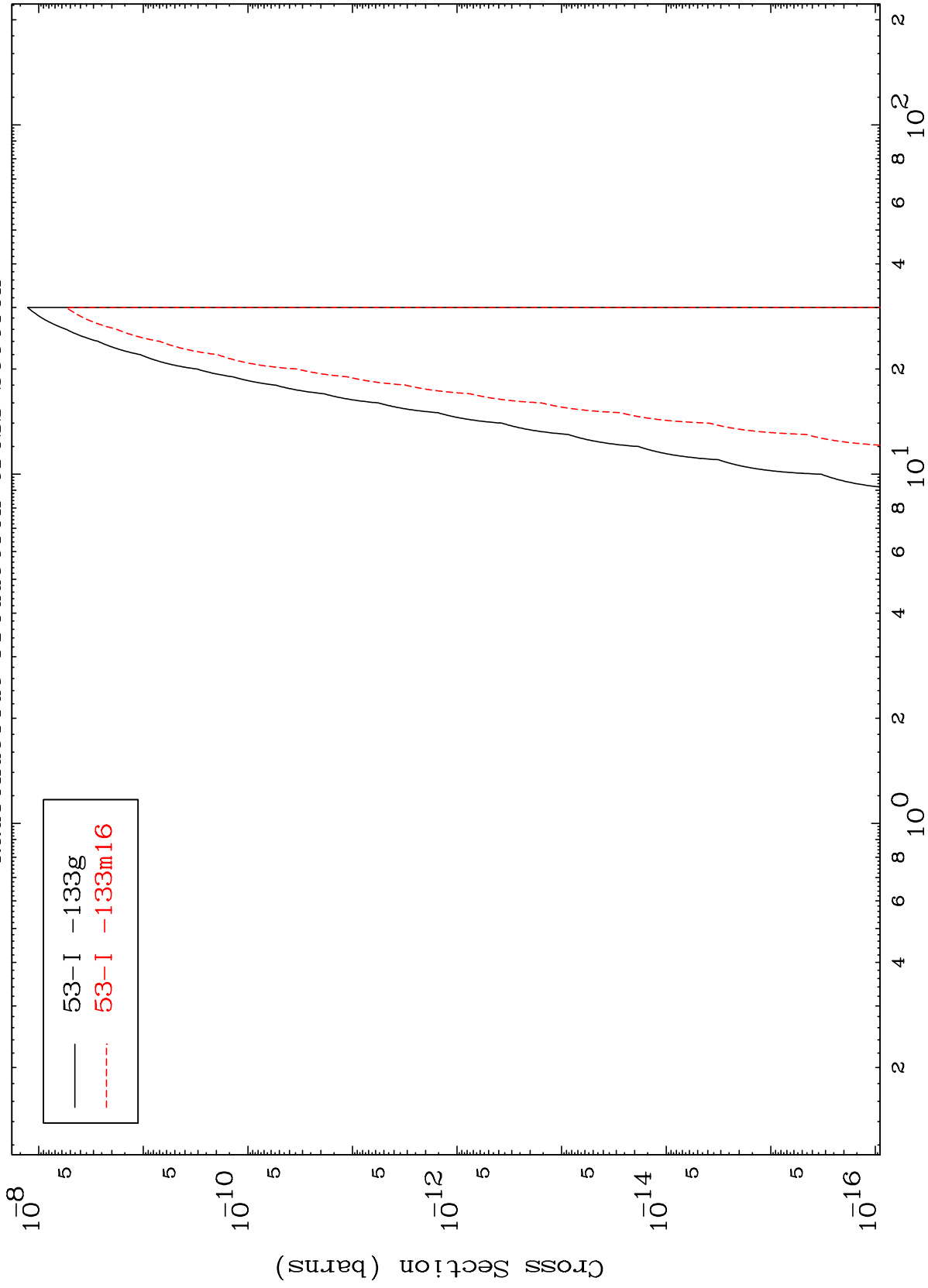
55-Cs-138g  
55-Cs-138m3

MAT 5649

(n,2α)

56-Ba-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

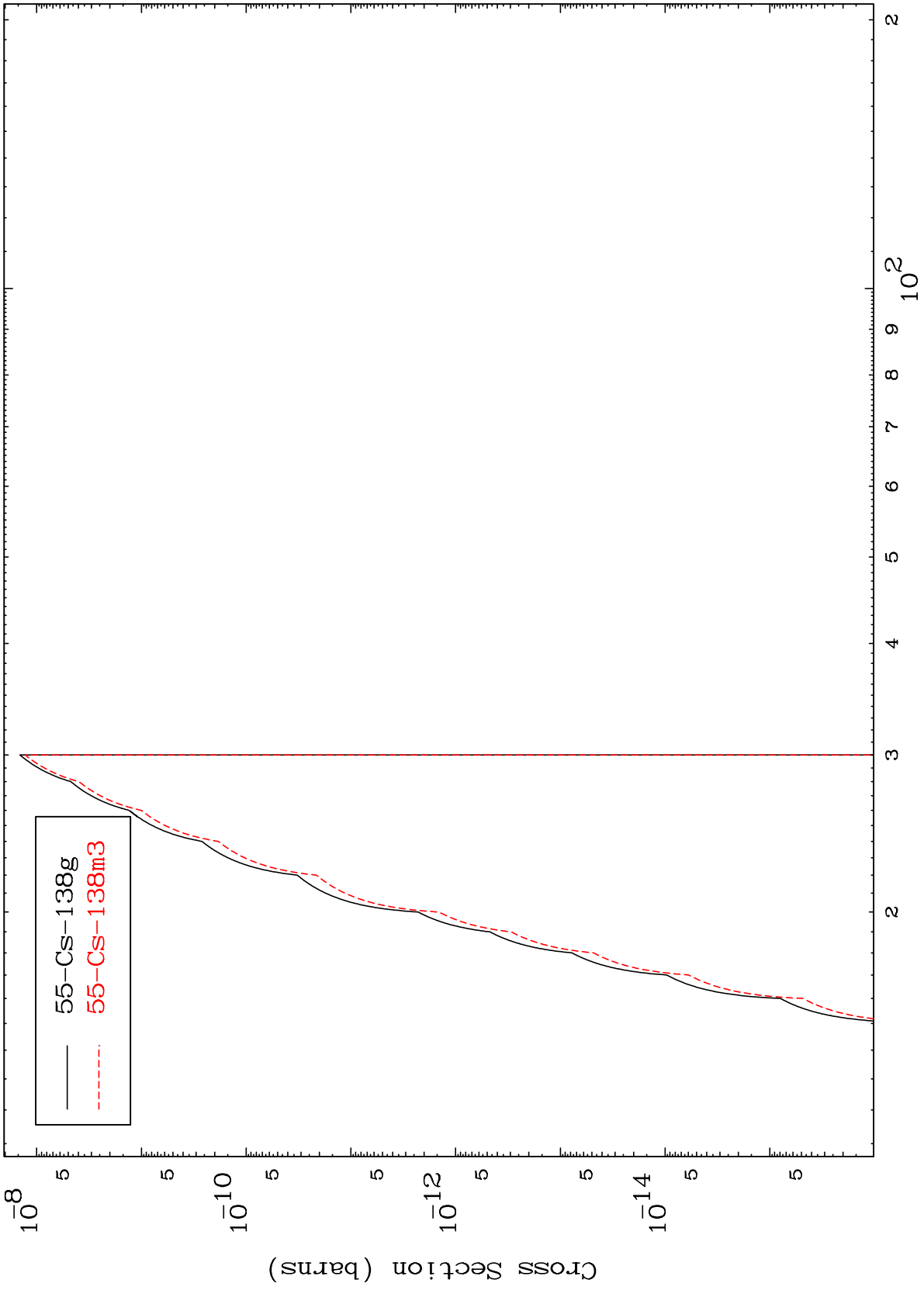
56-Ba-138

MAT 5649

(n,p) d

56-Ba-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

56-Ba-138

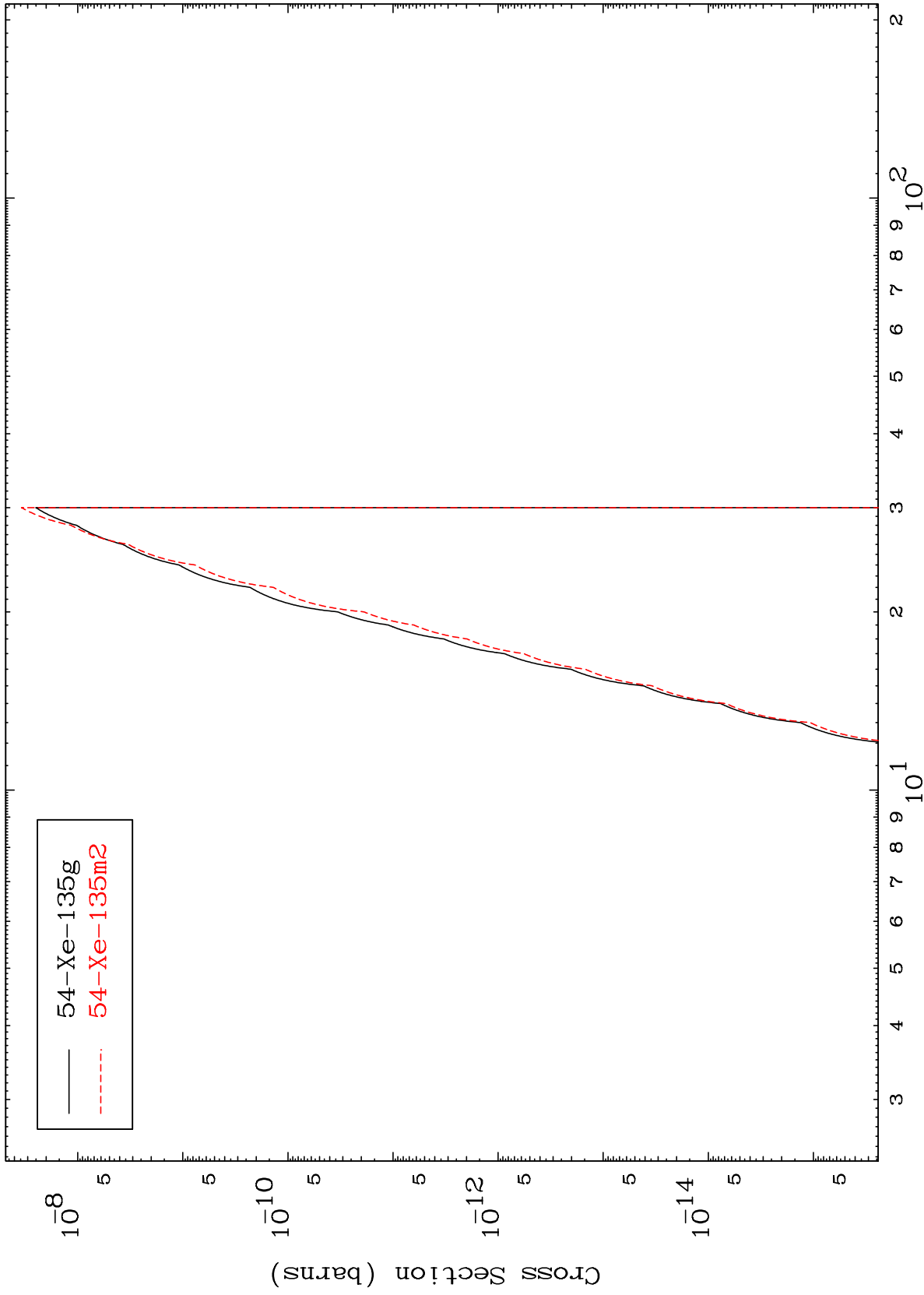


MAT 5649

(n,d)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



24

Incident Energy (MeV)

56-Ba-138