

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

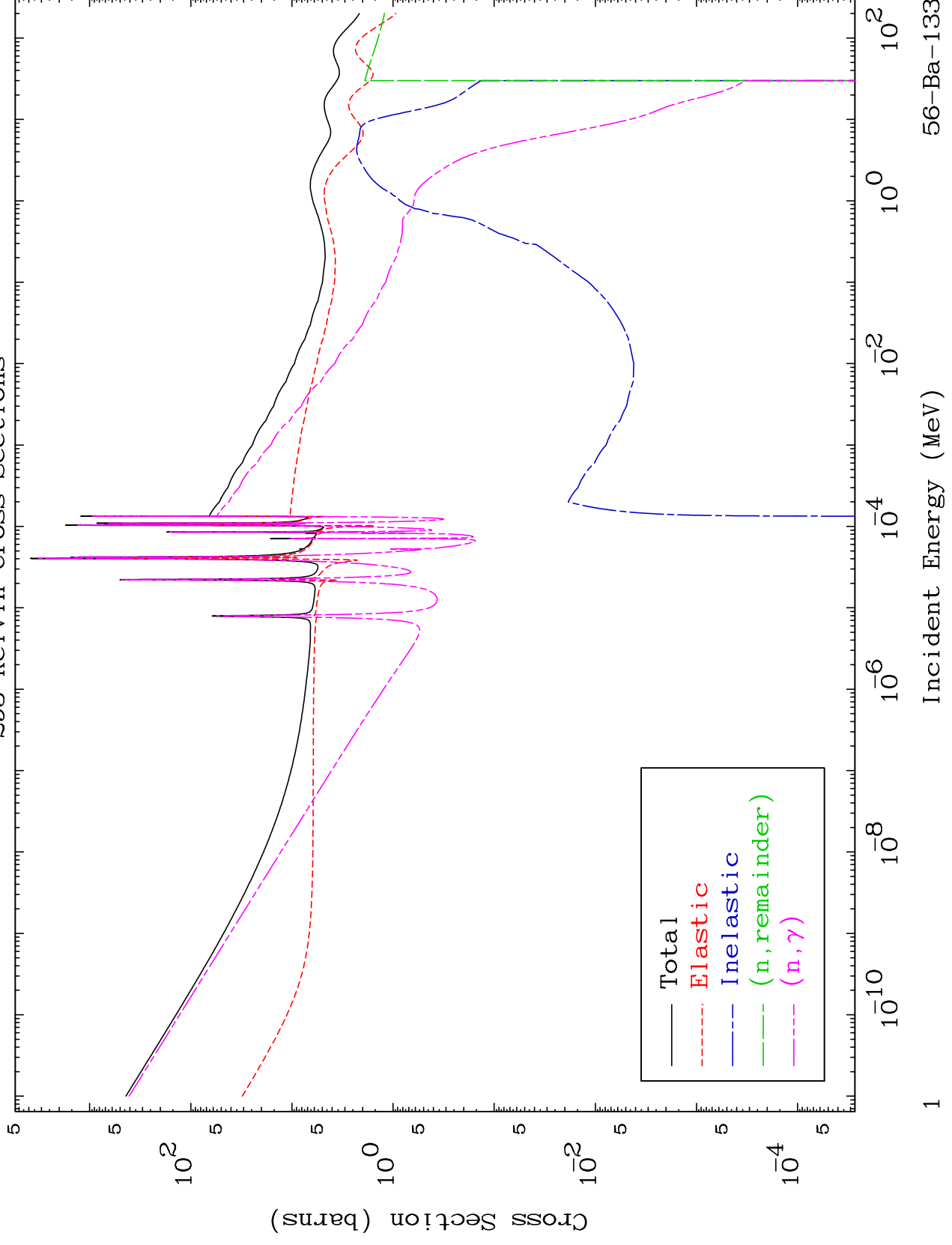
Press Mouse Button to Start

MAT 5635

Major

293 Kelvin Cross Sections

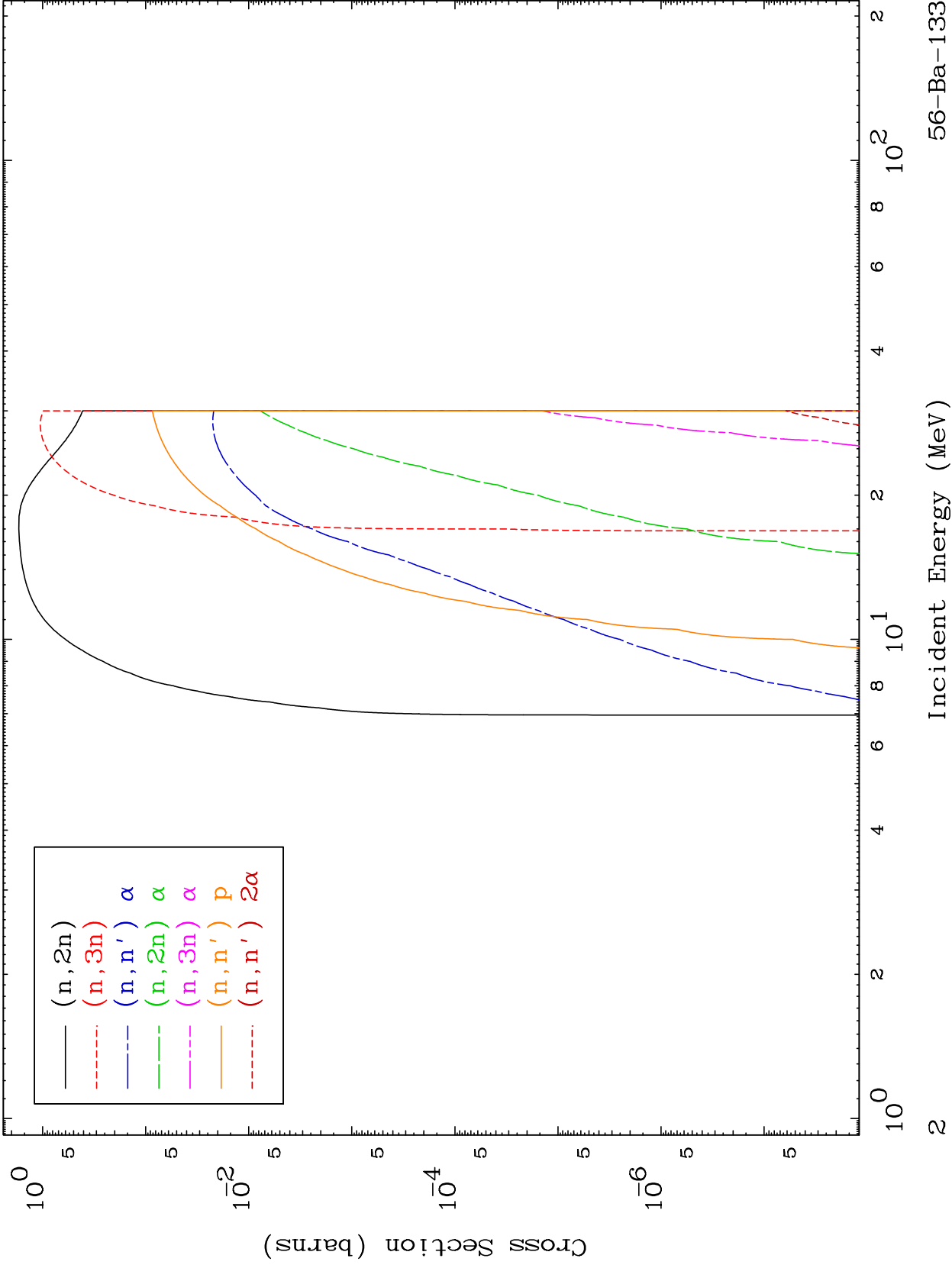
56-Ba-133



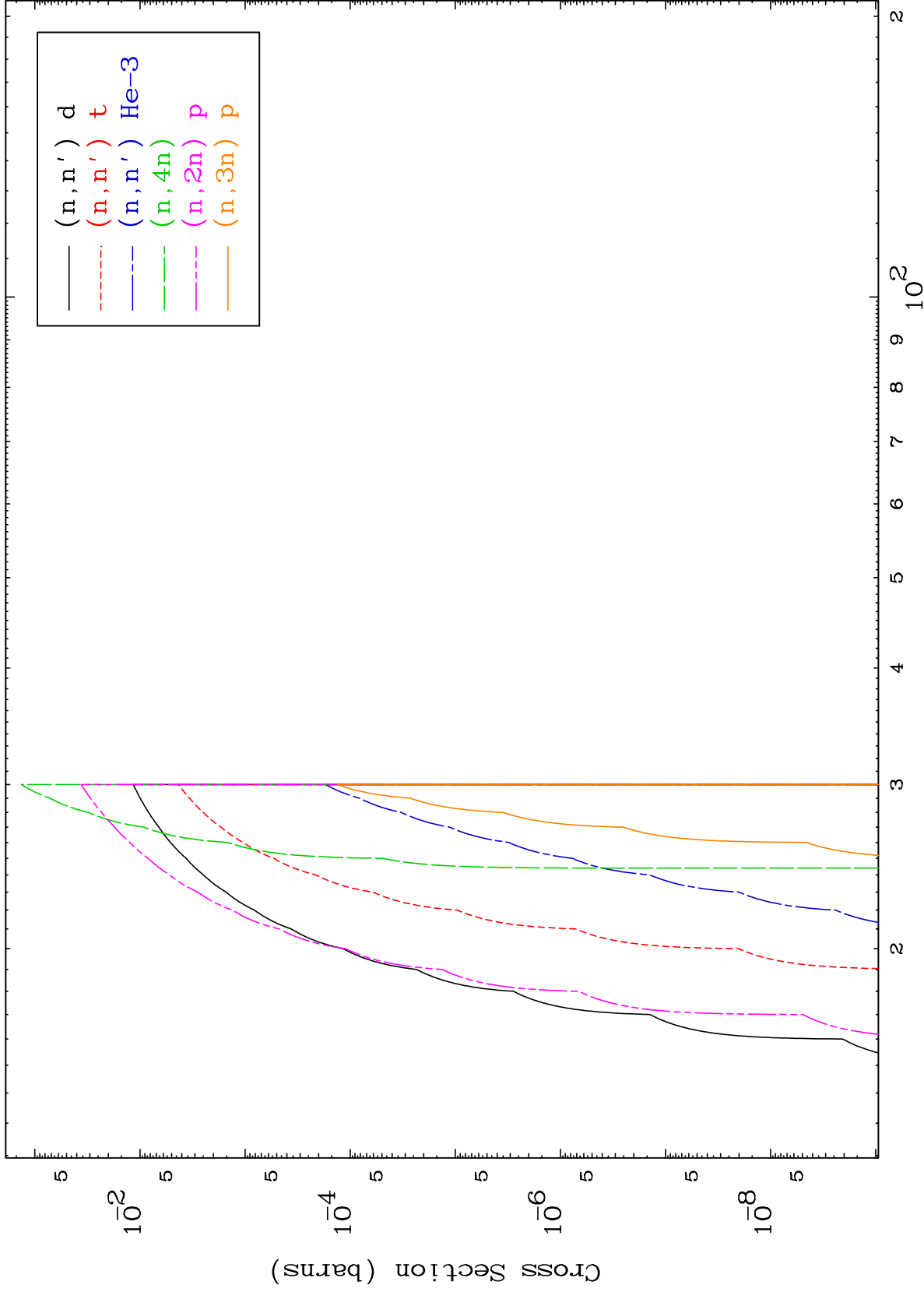
MAT 5635

Neutron Production  
293 Kelvin Cross Sections

56-Ba-133



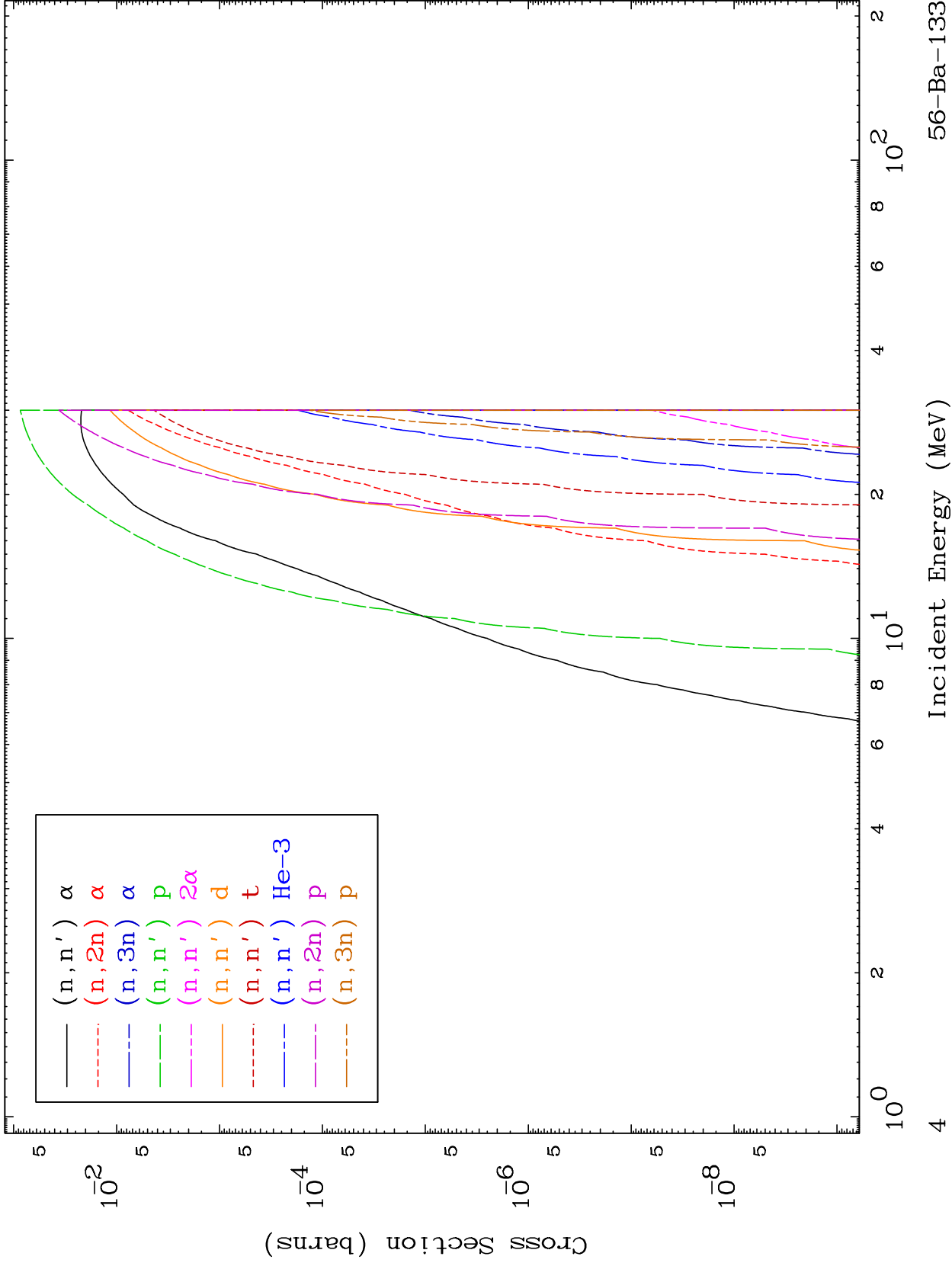
56-Ba-133



MAT 5635

Charged Particle  
293 Kelvin Cross Sections

56-Ba-133

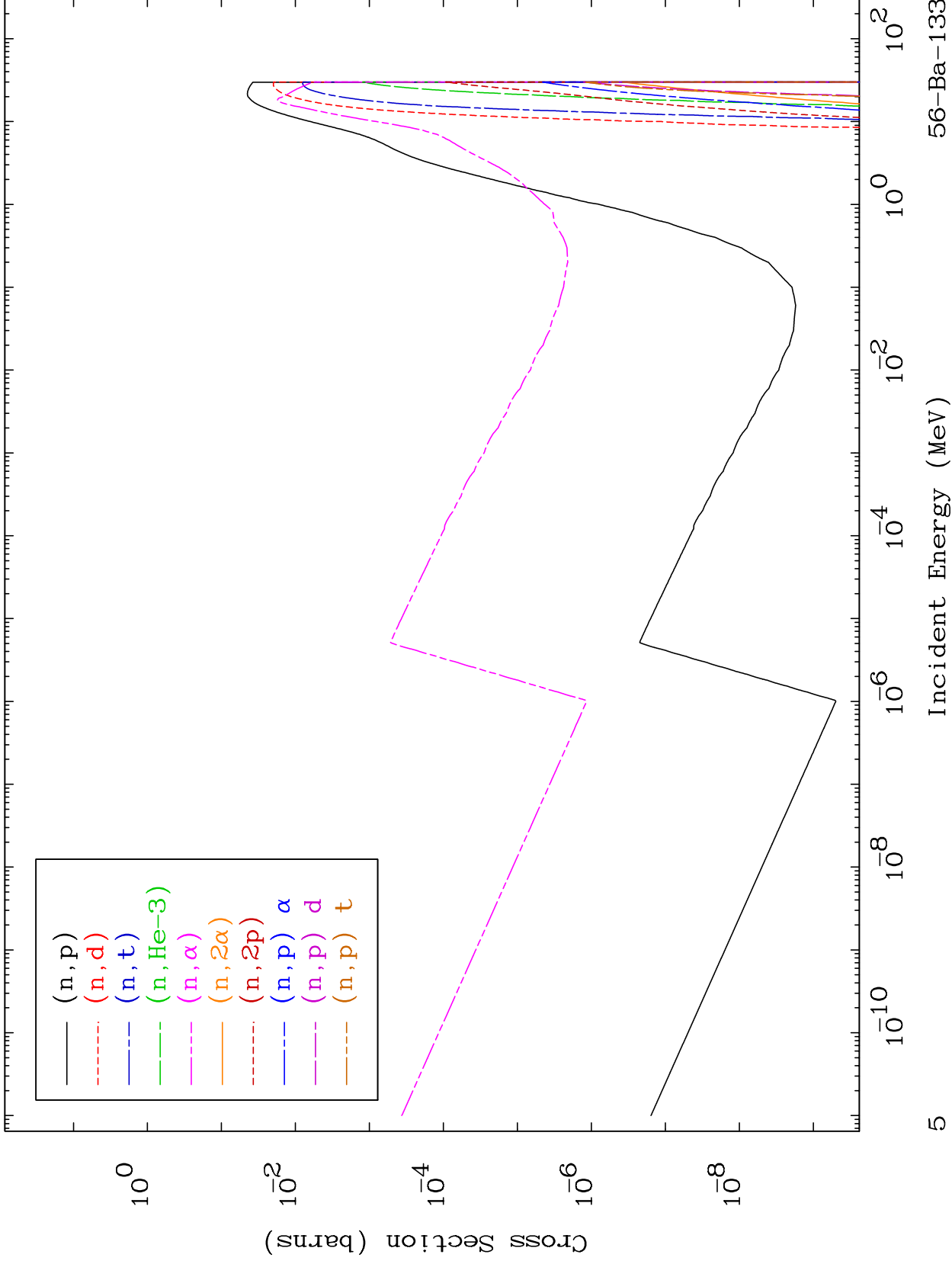


56-Ba-133

MAT 5635

Charged Particle  
293 Kelvin Cross Sections

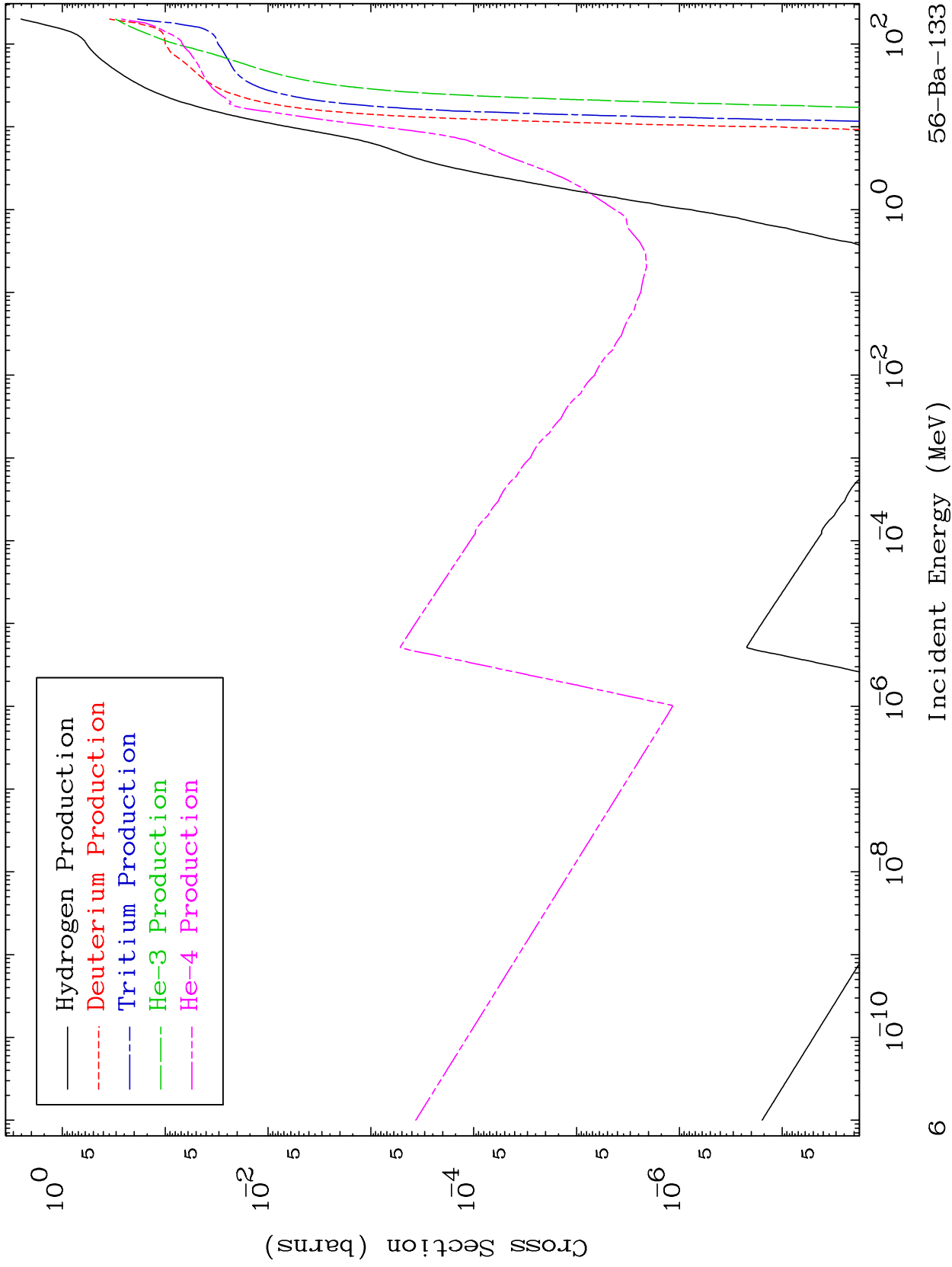
56-Ba-133



MAT 5635

Particle Production  
293 Kelvin Cross Sections

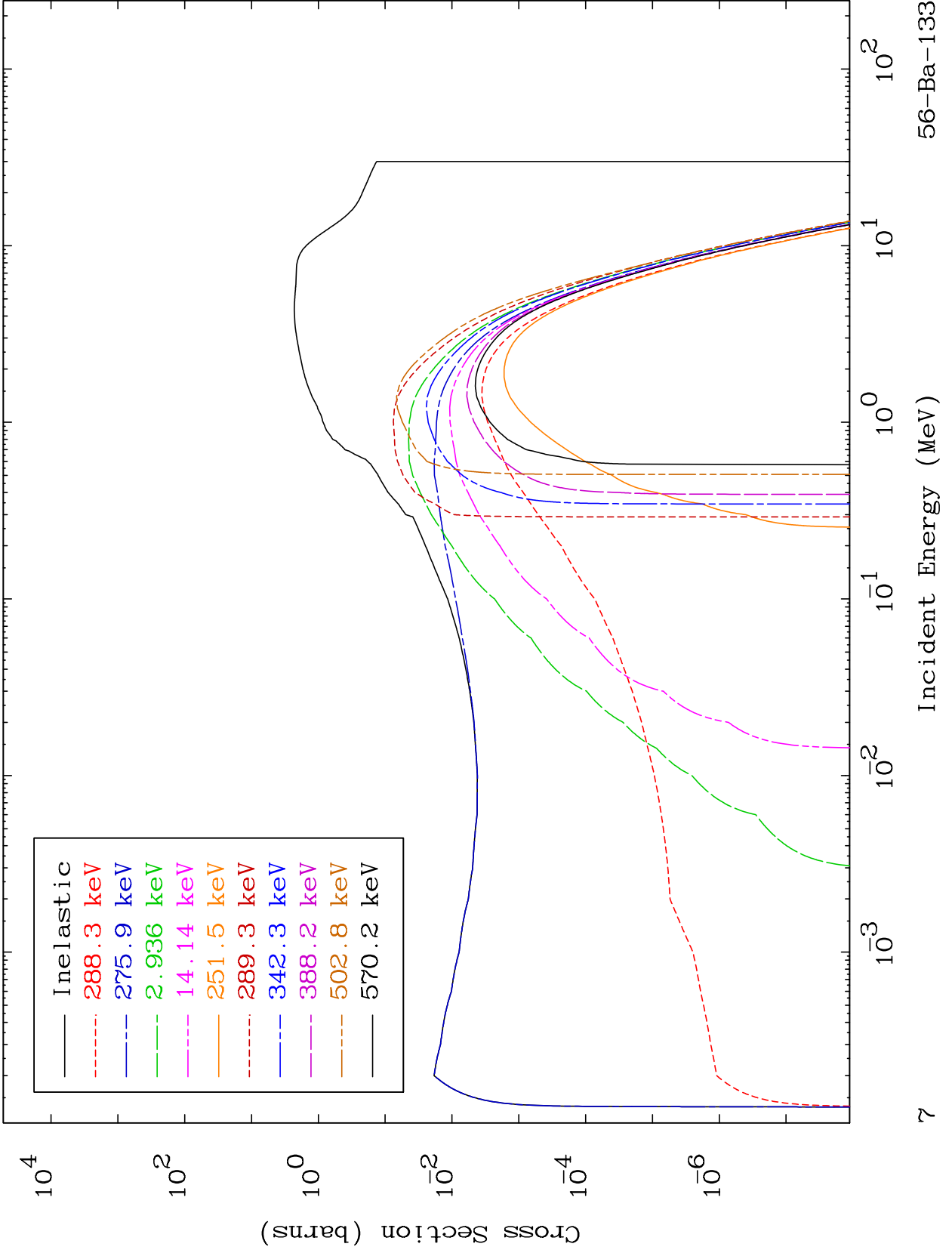
56-Ba-133



MAT 5635

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-133

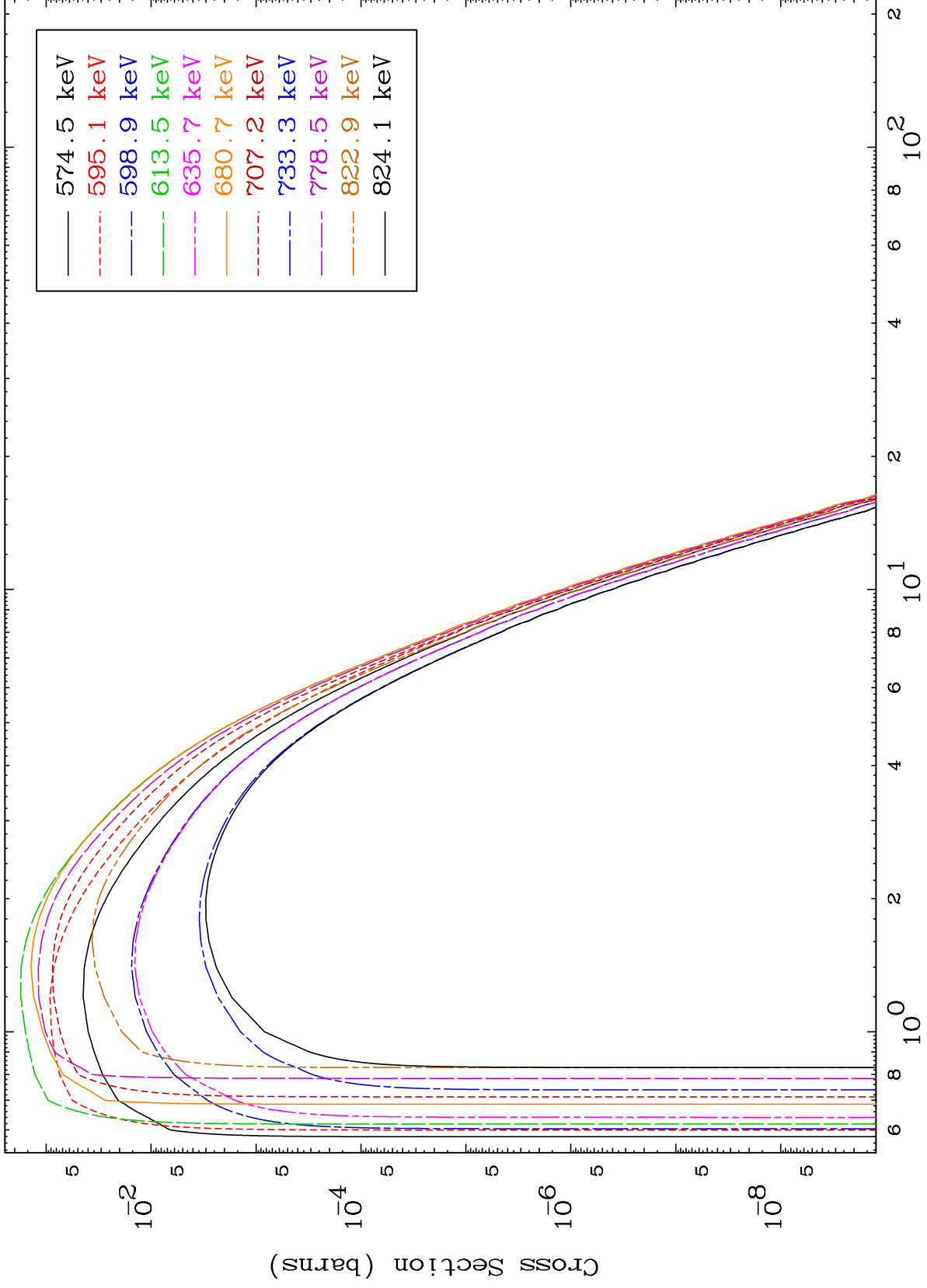




MAT 5635

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-133



8

Incident Energy (MeV)

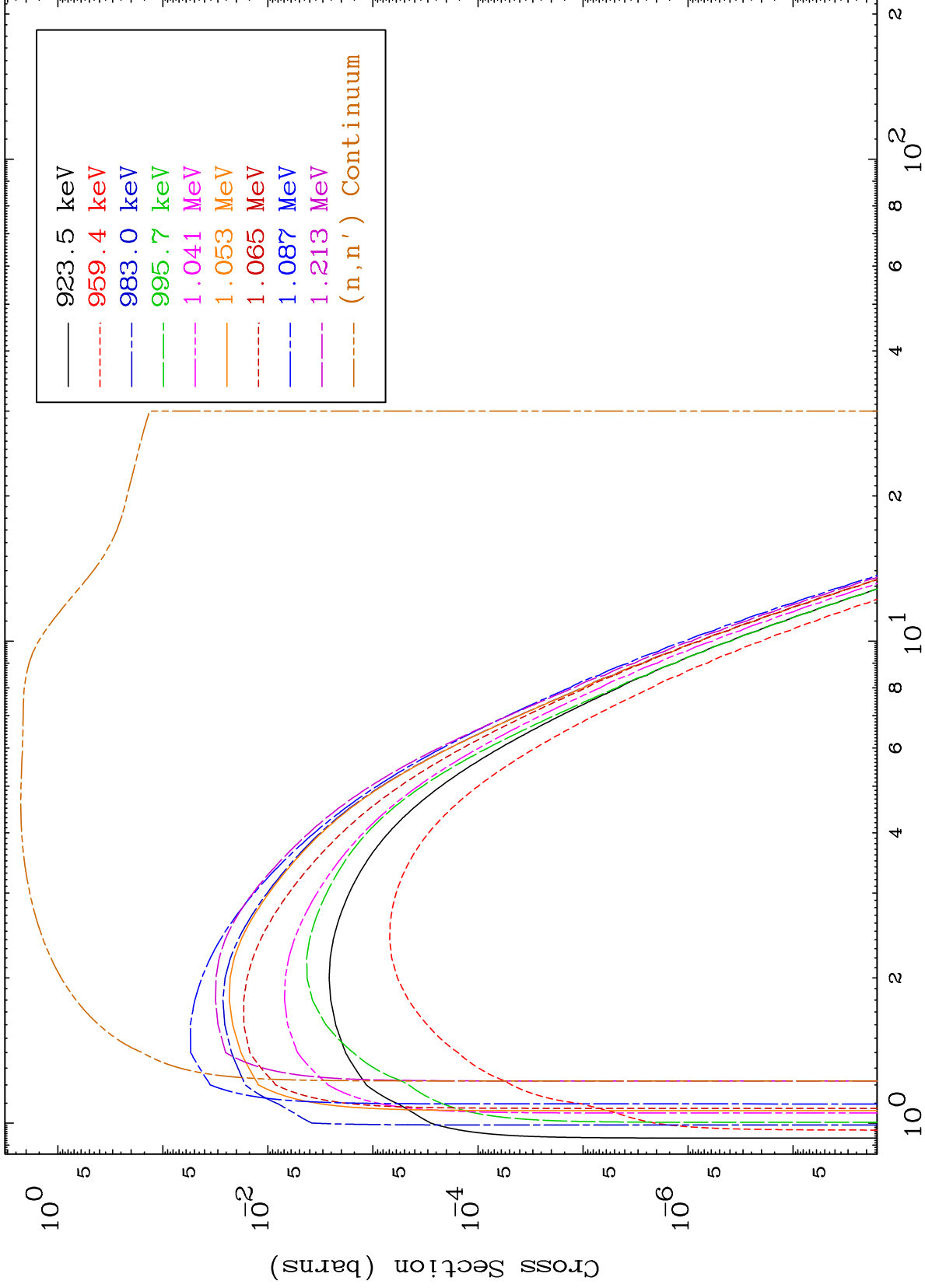
56-Ba-133

MAT 5635

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections



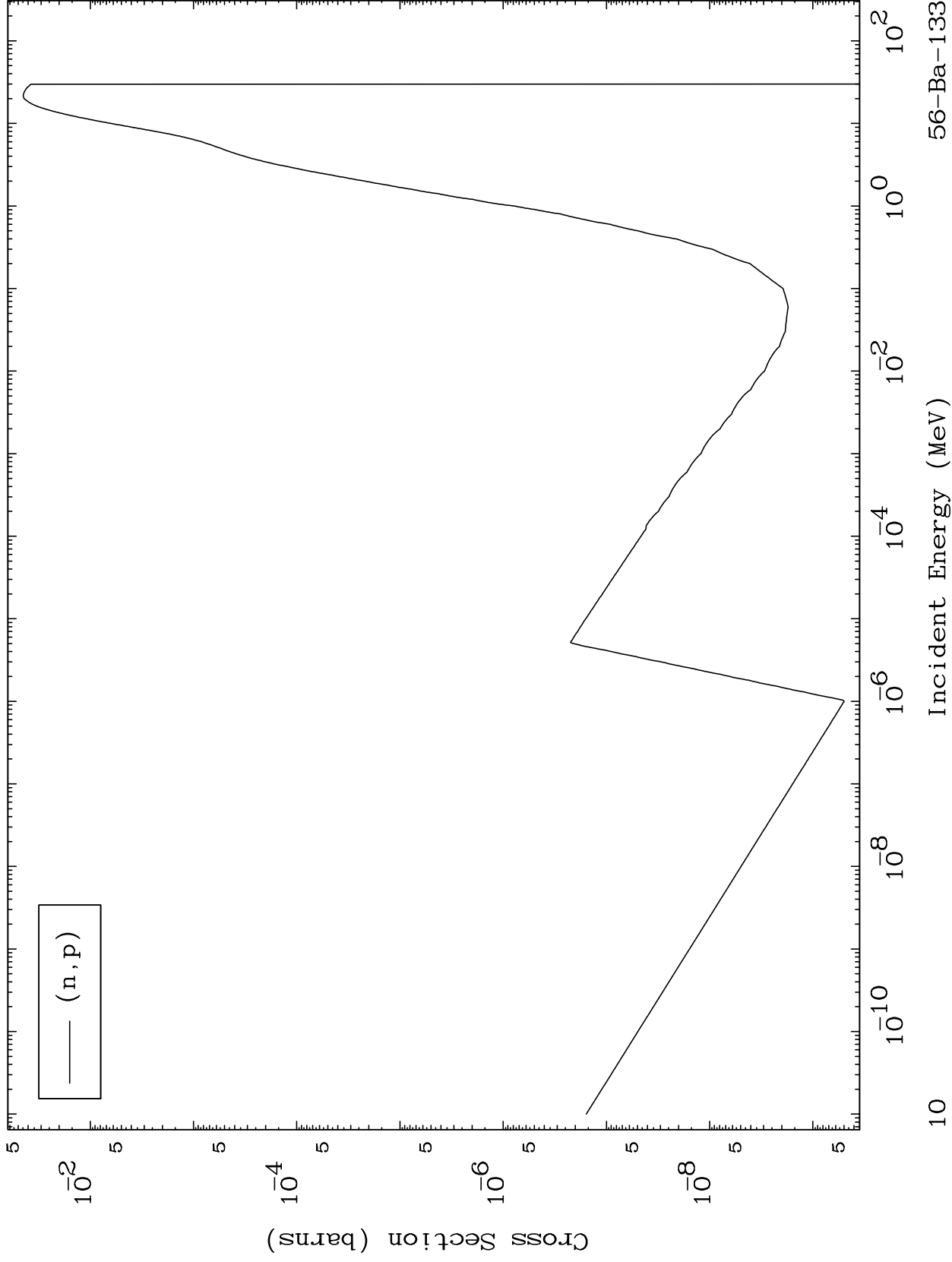
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,p) Levels  
293 Kelvin Cross Sections

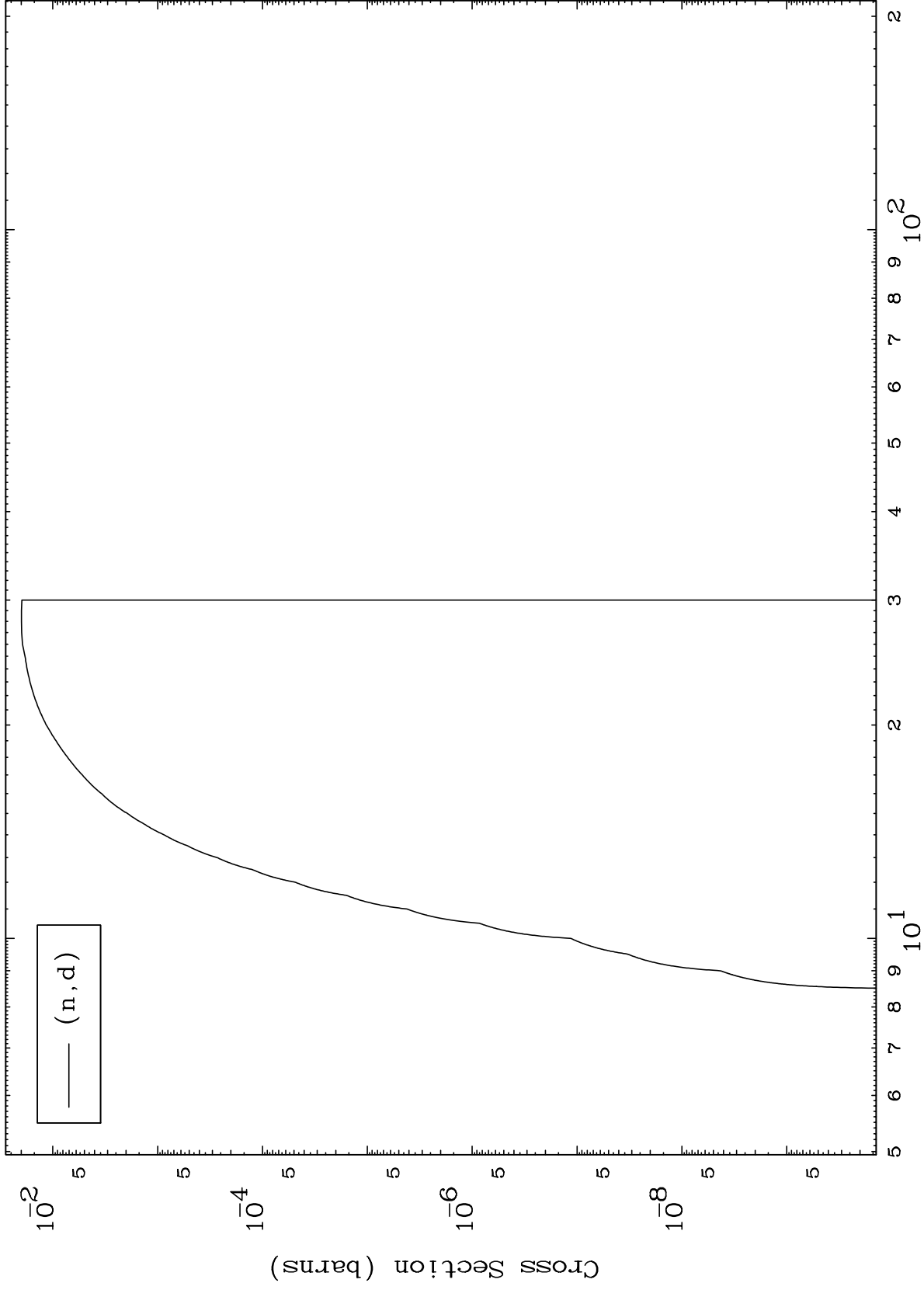
56-Ba-133



MAT 5635

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-133



11

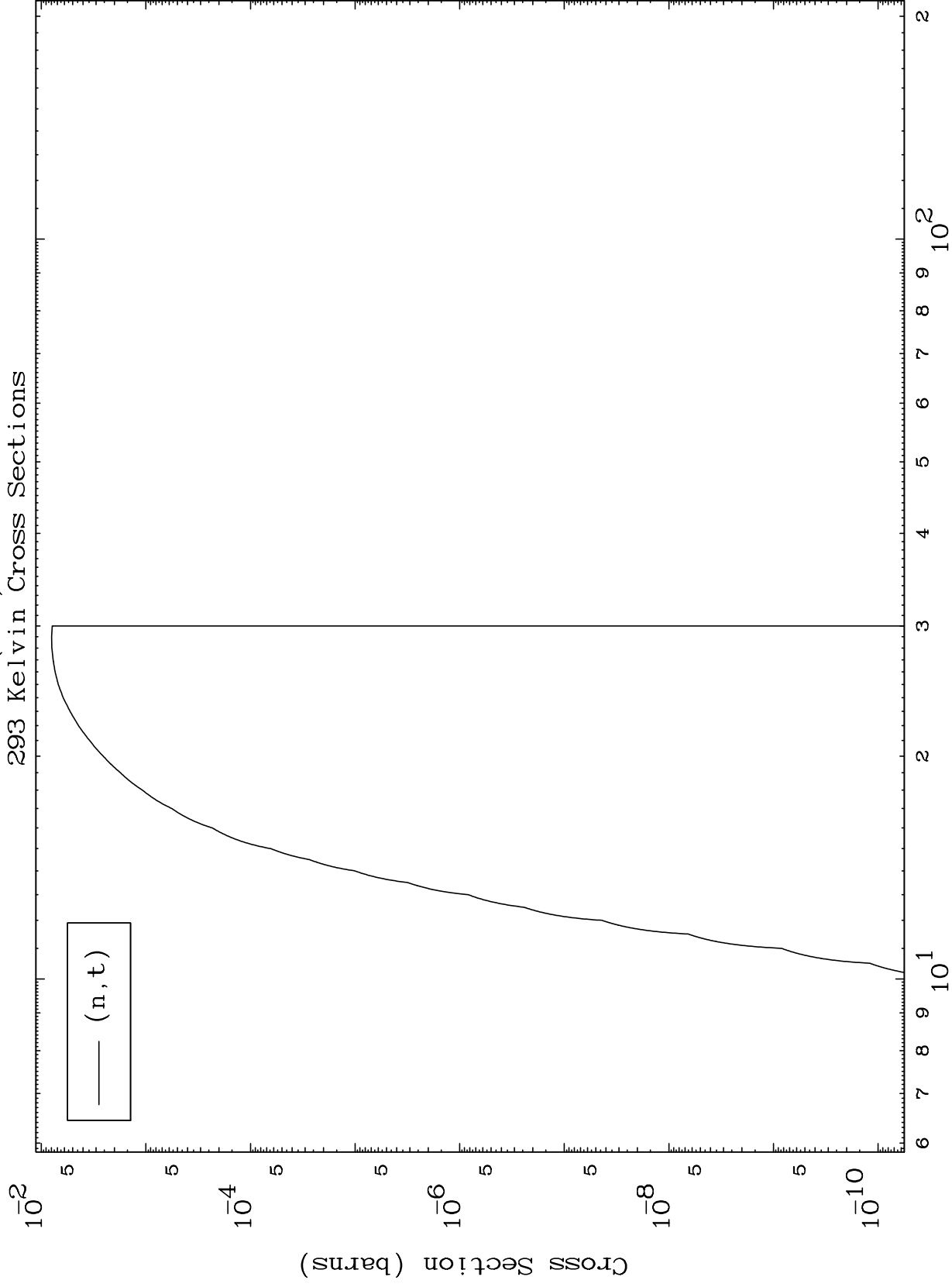
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-133



12

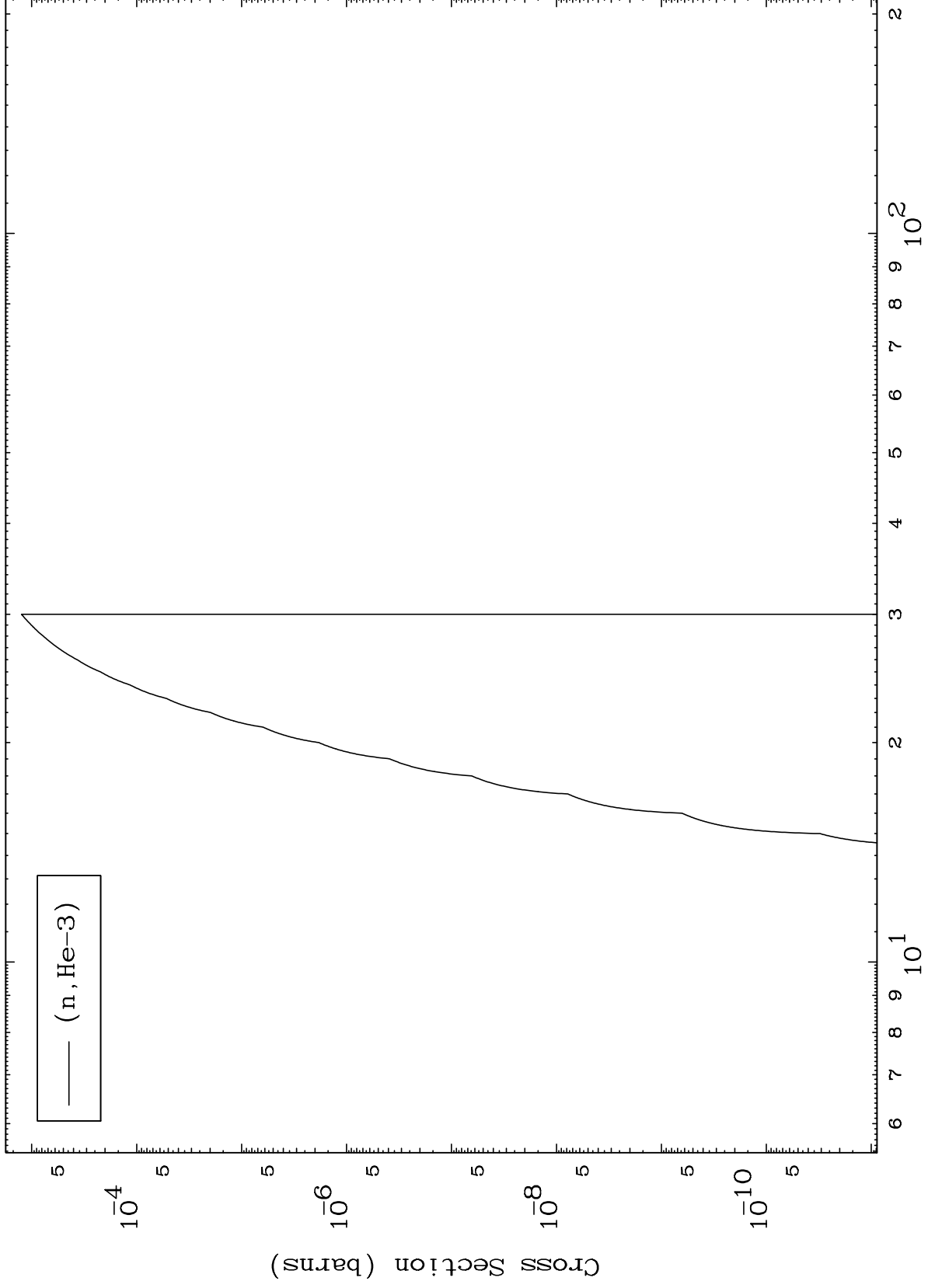
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-133



13

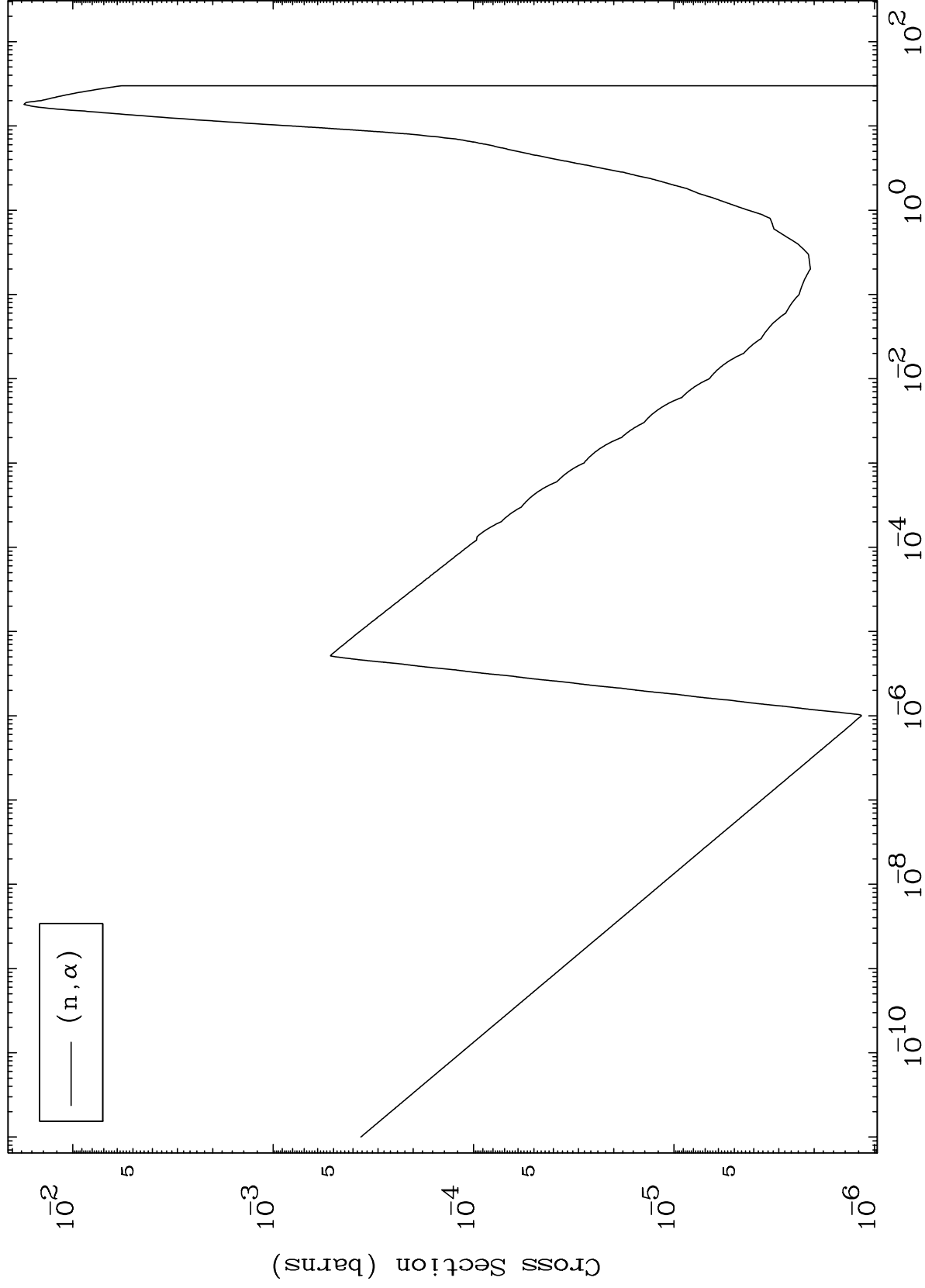
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

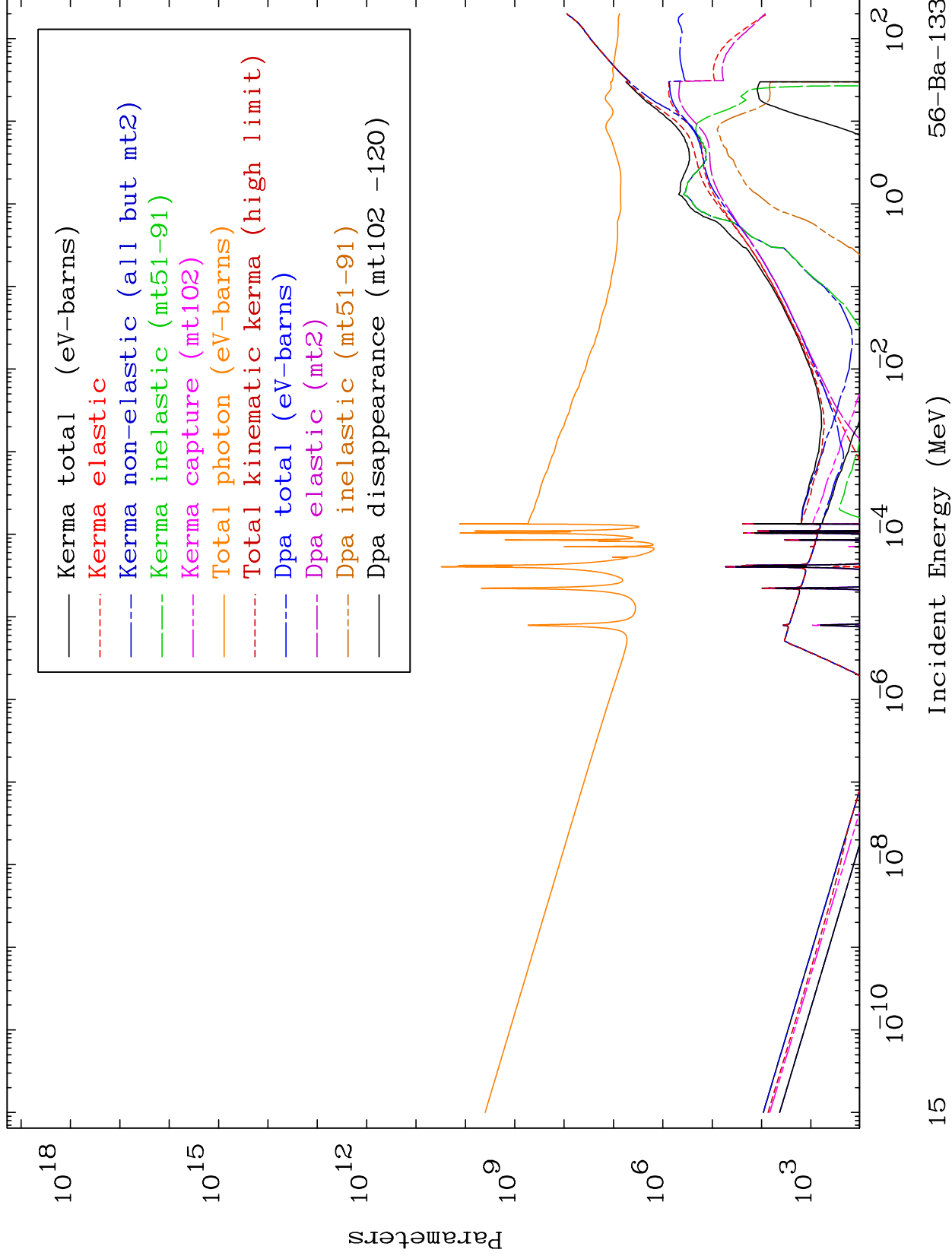
56-Ba-133



14

Incident Energy (MeV)

56-Ba-133



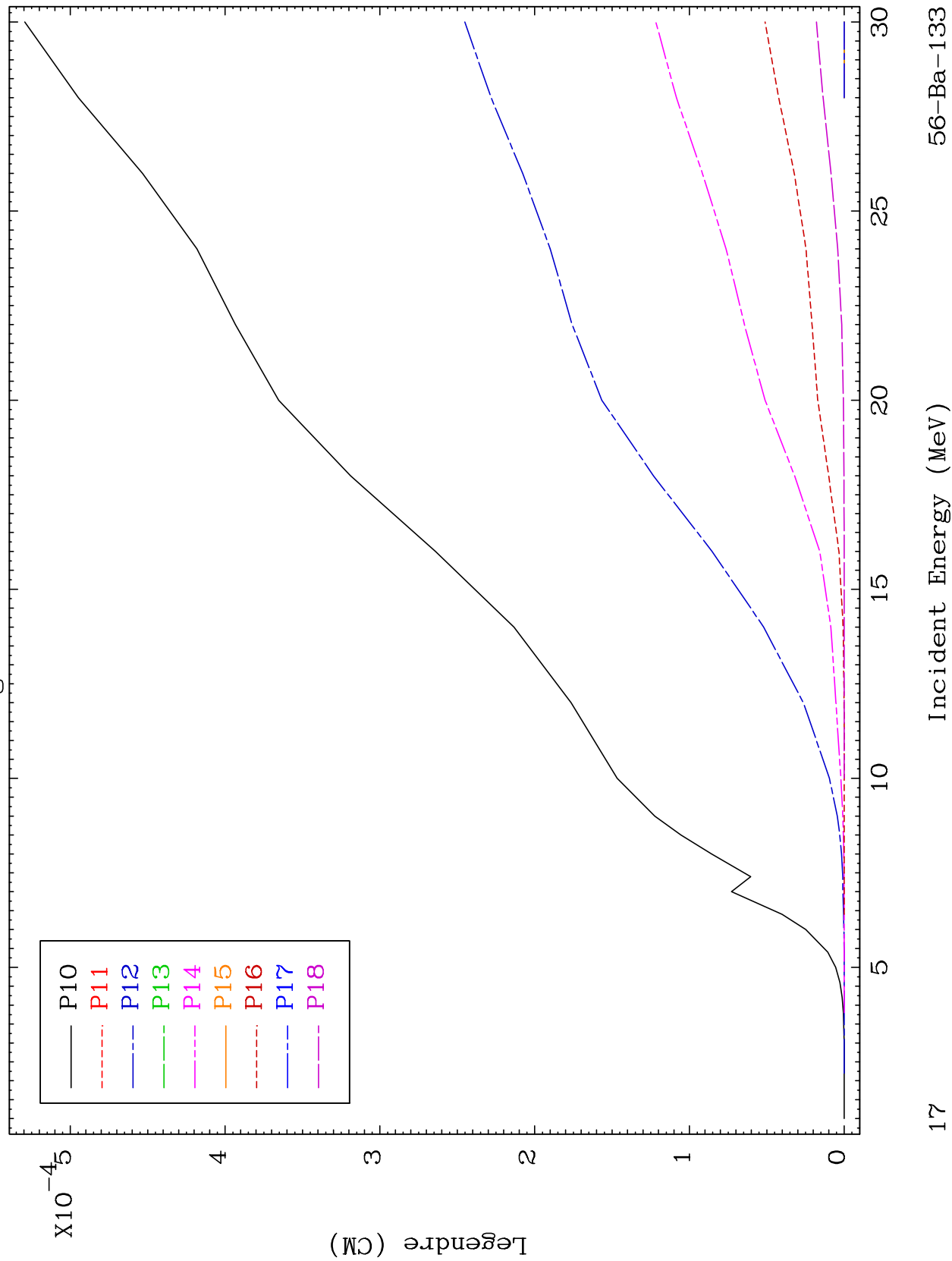




MAT 5635

Elastic Legendre Coefficients

56-Ba-133



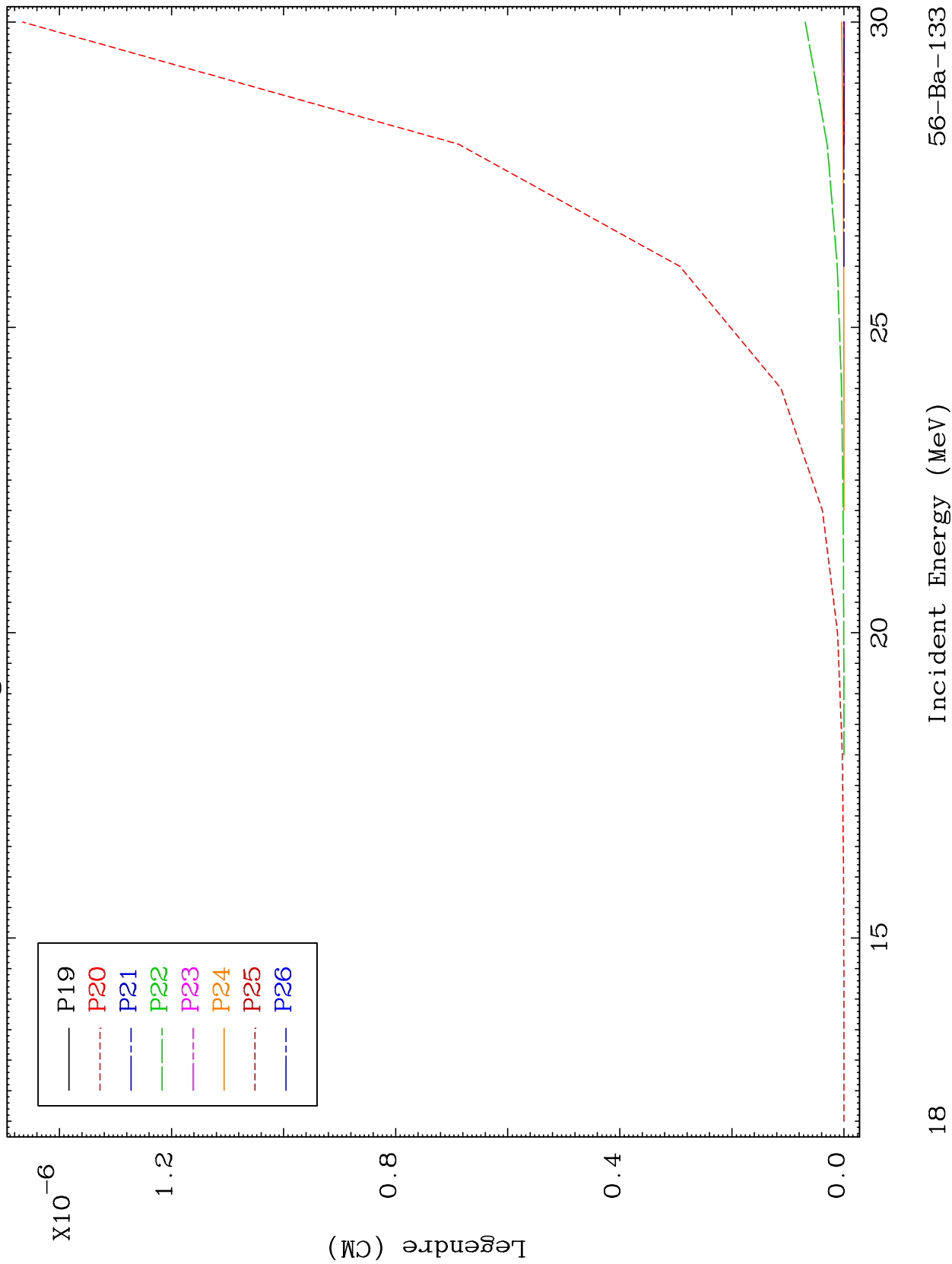
17

56-Ba-133

MAT 5635

Elastic  
Legendre Coefficients

56-Ba-133



18

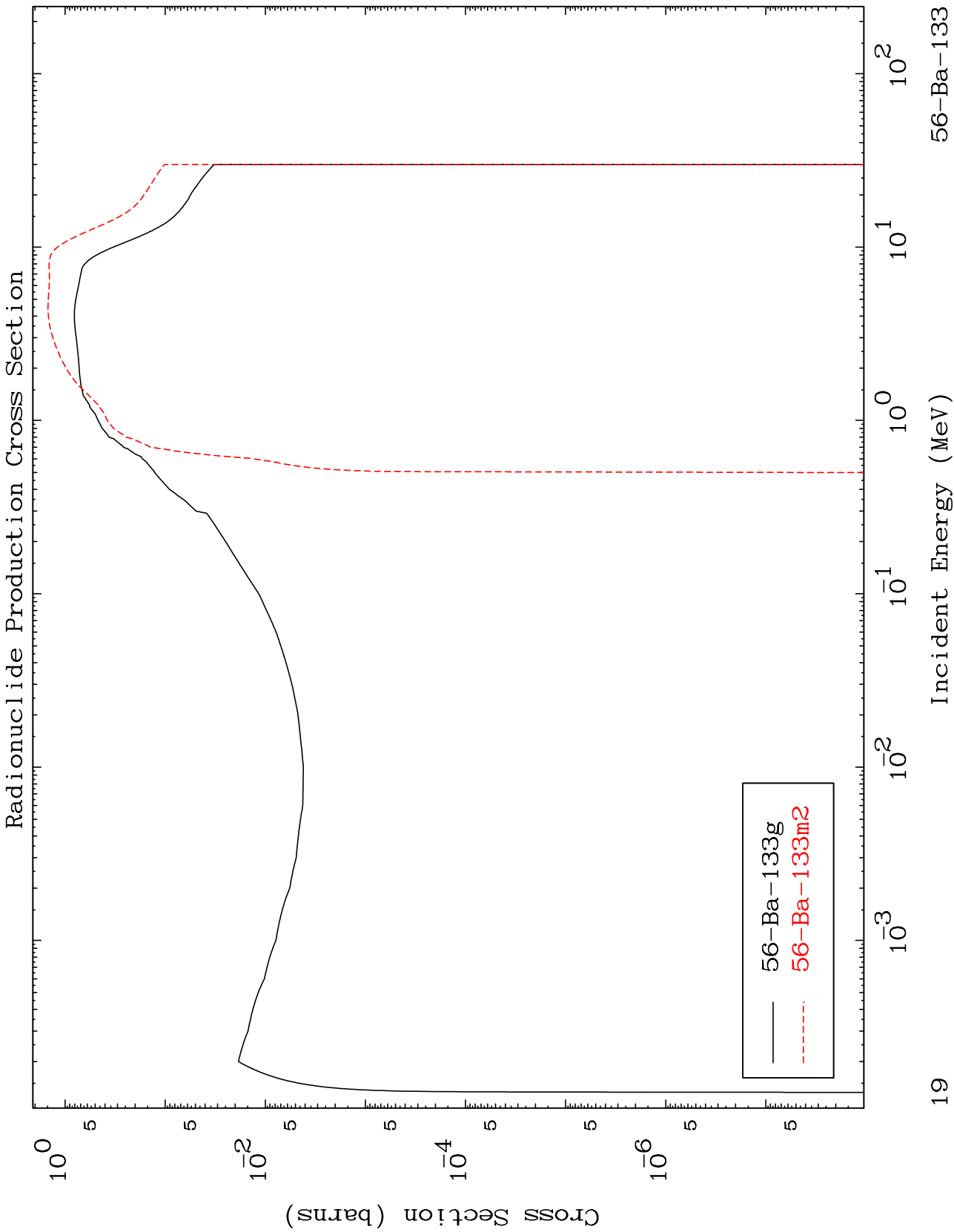
Incident Energy (MeV)

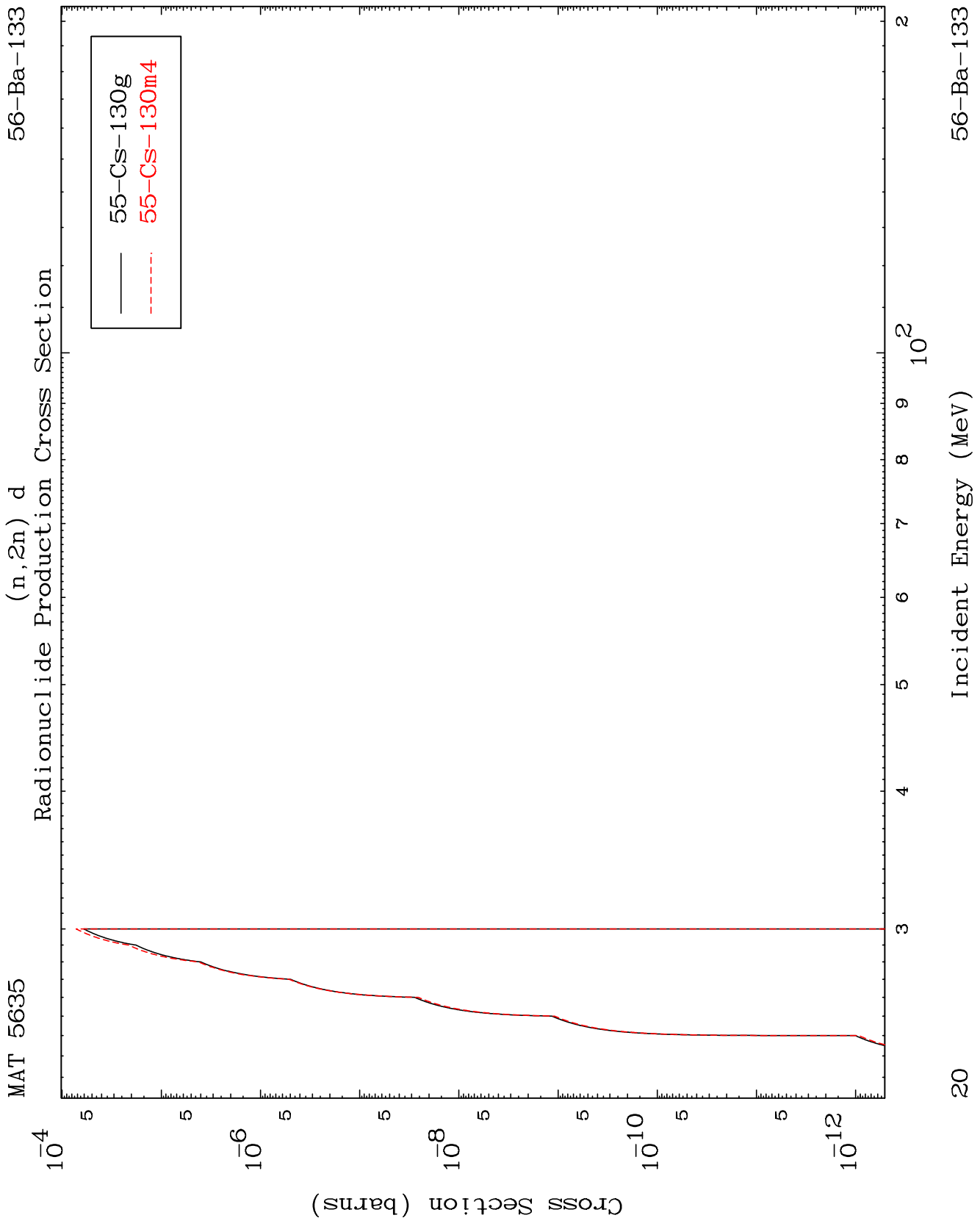
56-Ba-133

MAT 5635

56-Ba-133

Inelastic  
Radionuclide Production Cross Section

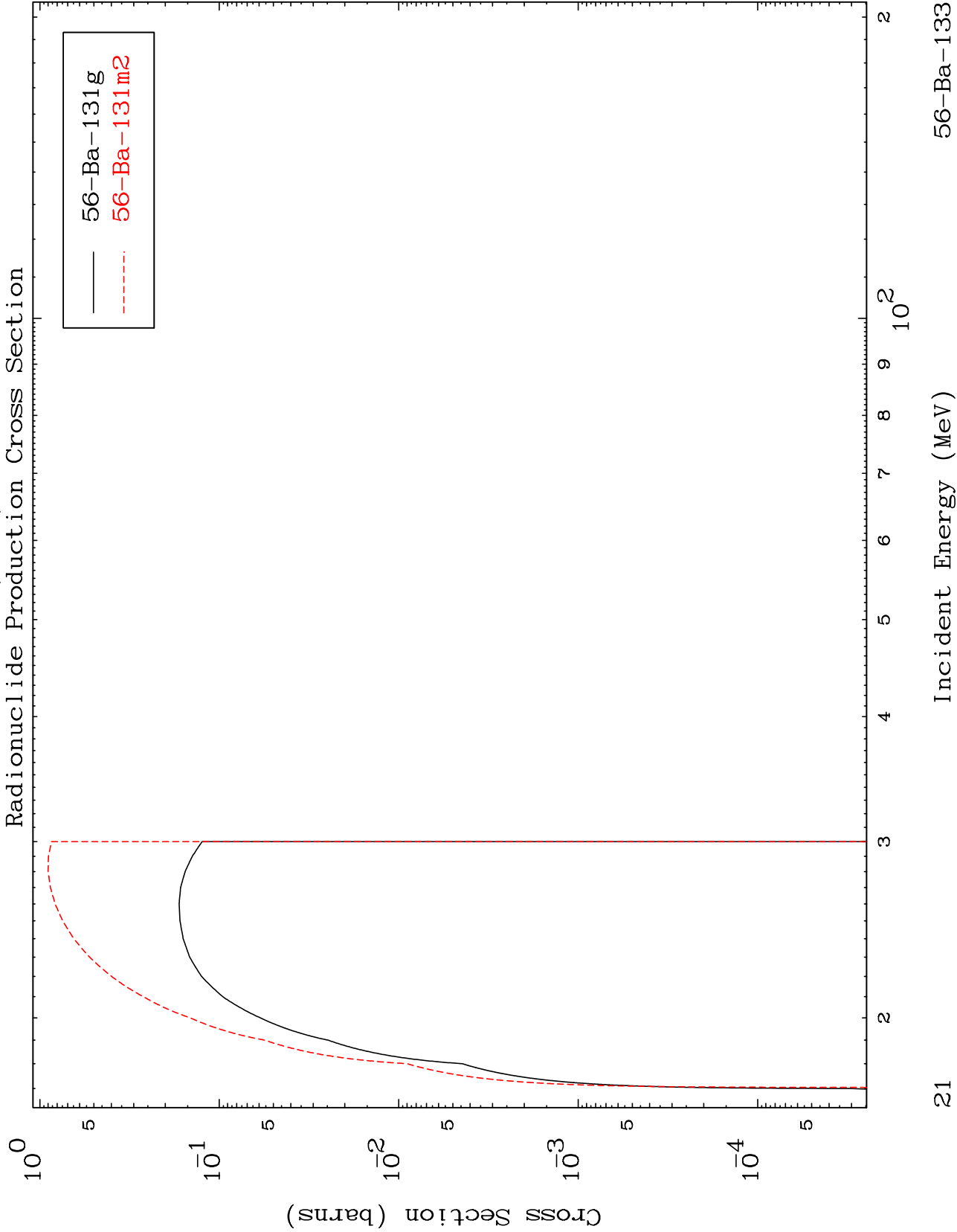




MAT 5635

(n,3n)

56-Ba-133

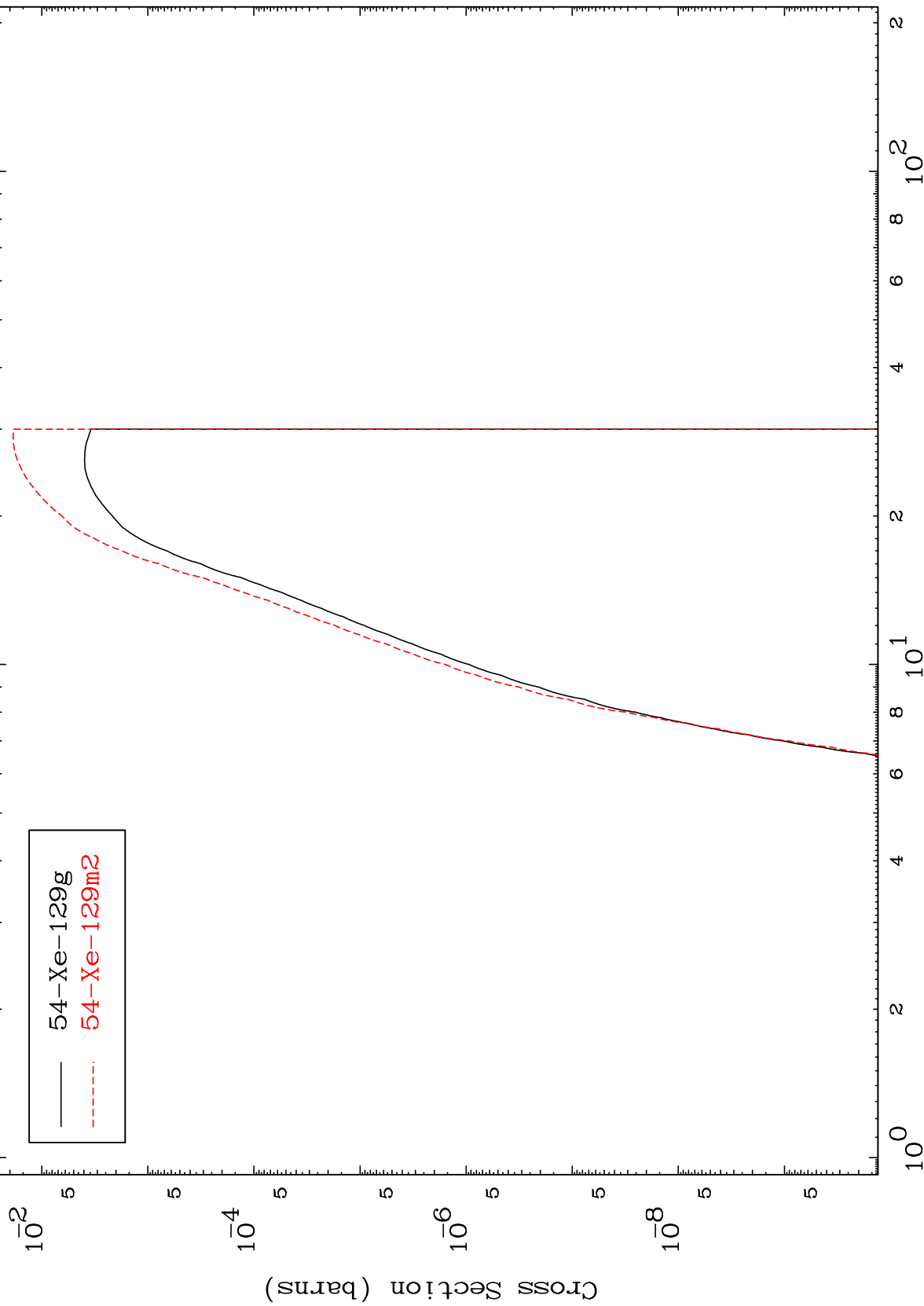


MAT 5635

(n,n')  $\alpha$

56-Ba-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

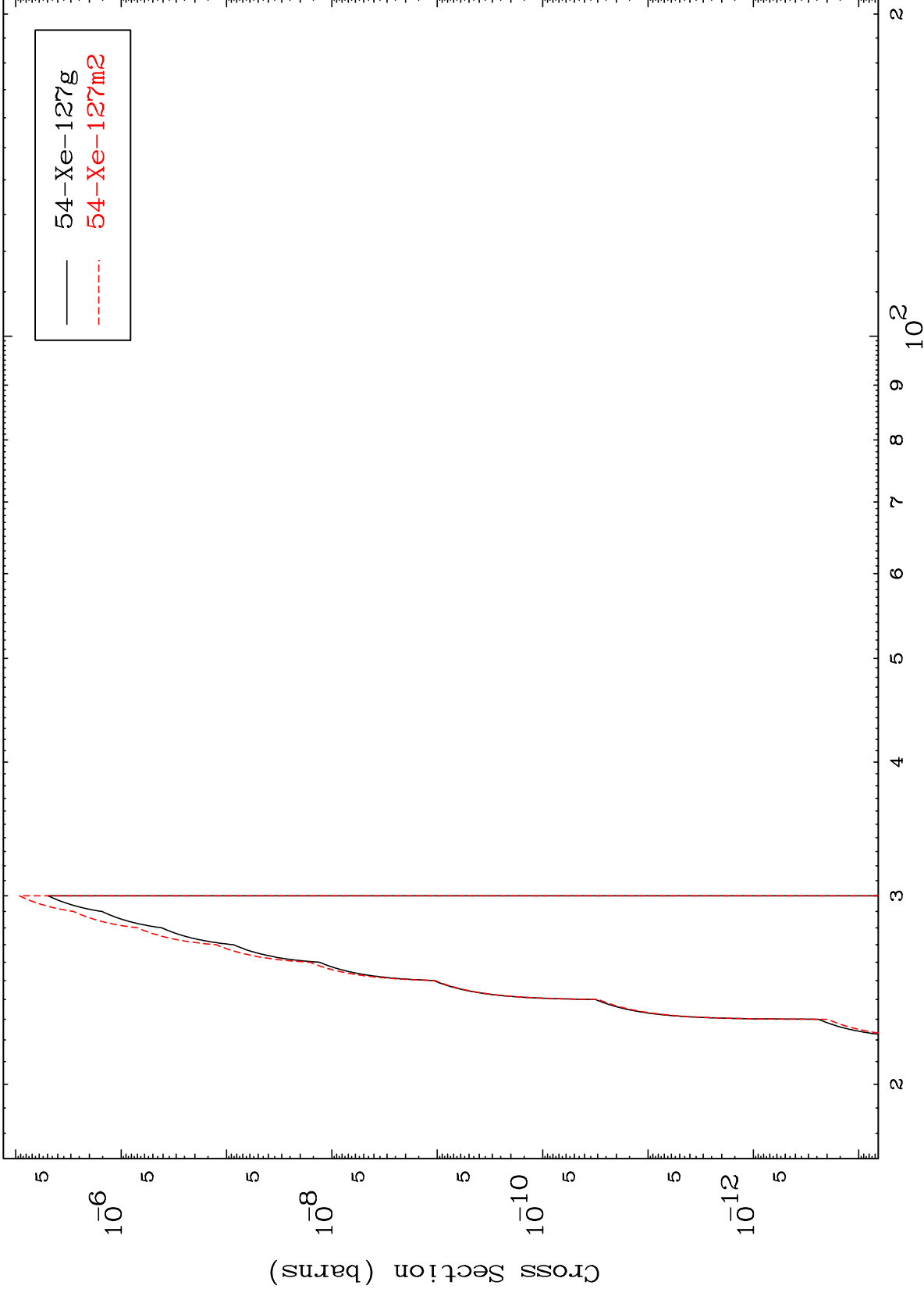
56-Ba-133

MAT 5635

(n,3n)  $\alpha$

56-Ba-133

Radionuclide Production Cross Section



54-Xe-127g  
54-Xe-127m2

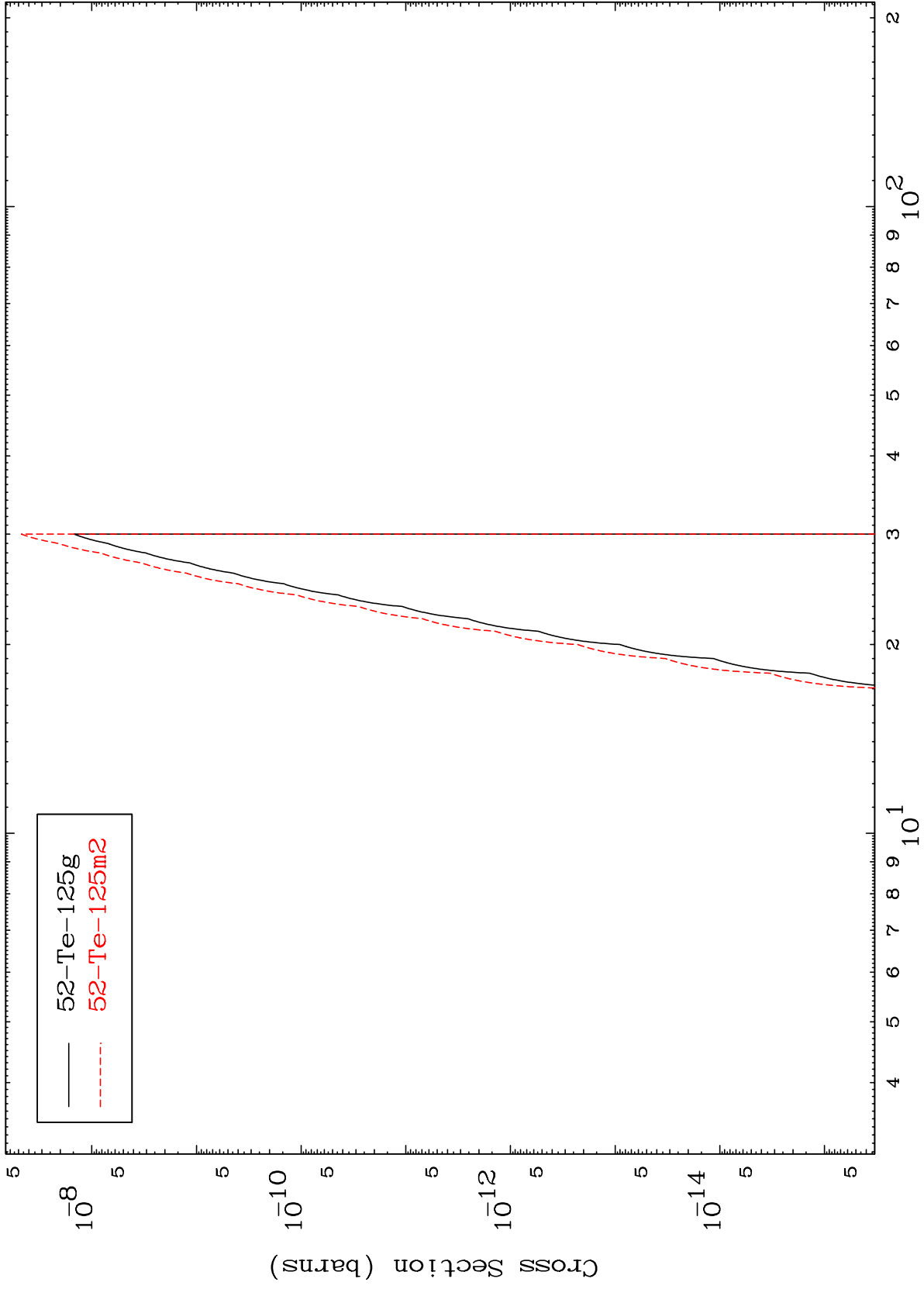


MAT 5635

(n,n') 2α

56-Ba-133

Radionuclide Production Cross Section



52-Te-125g  
52-Te-125m2

24

Incident Energy (MeV)

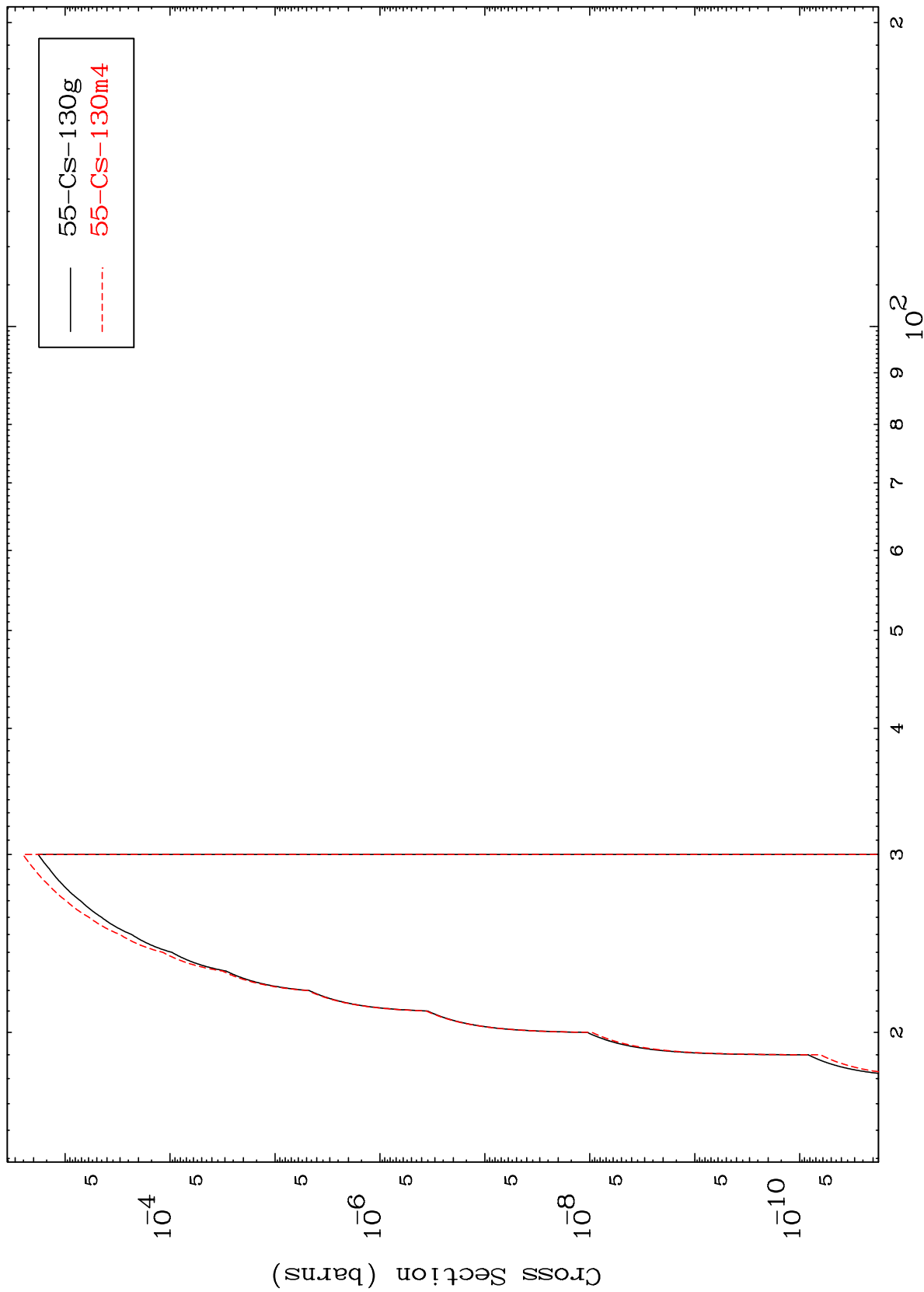
56-Ba-133

MAT 5635

(n,n') t

56-Ba-133

Radionuclide Production Cross Section



25

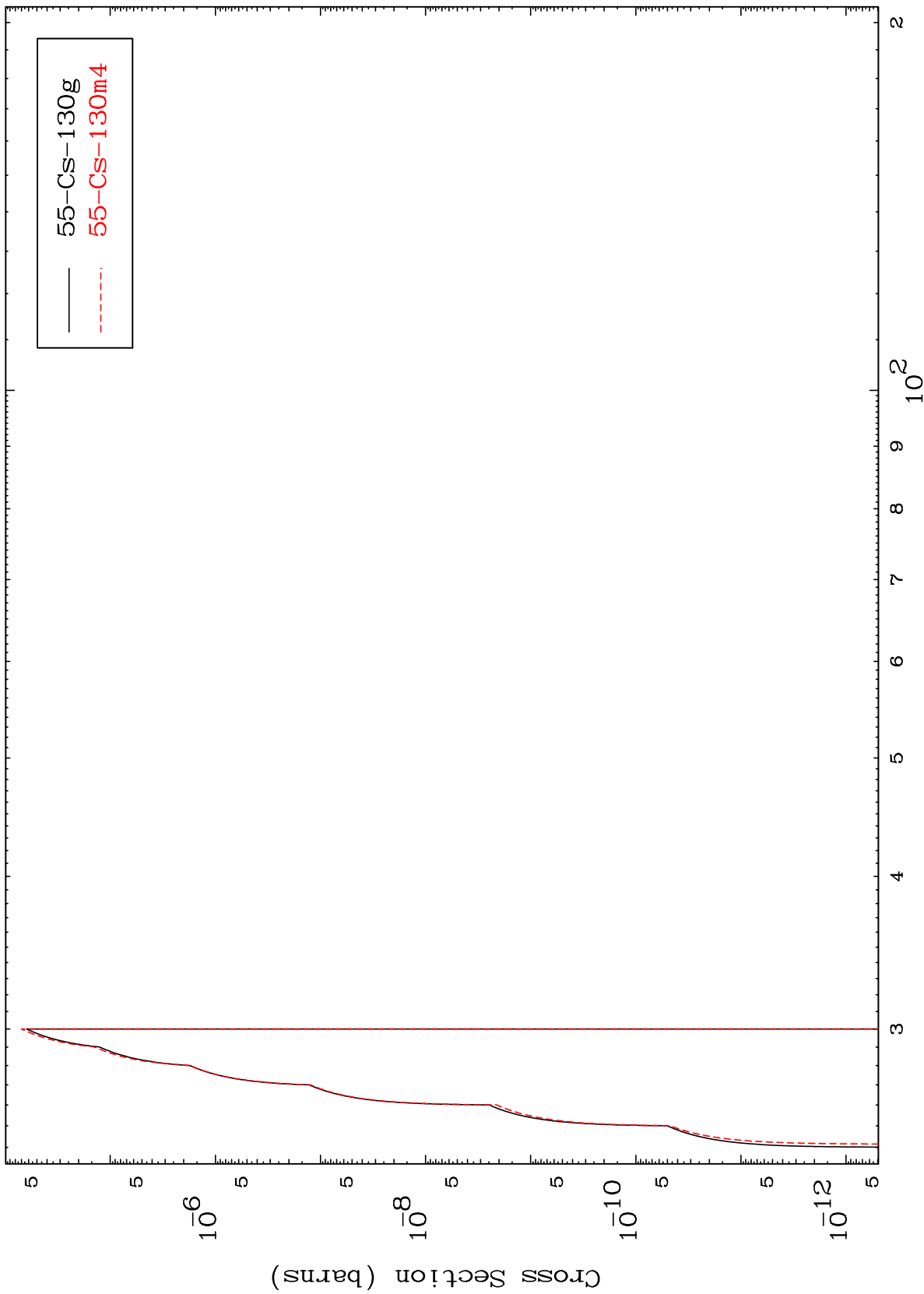
Incident Energy (MeV)

56-Ba-133

MAT 5635

56-Ba-133

(n,3n) p  
Radionuclide Production Cross Section



26

56-Ba-133

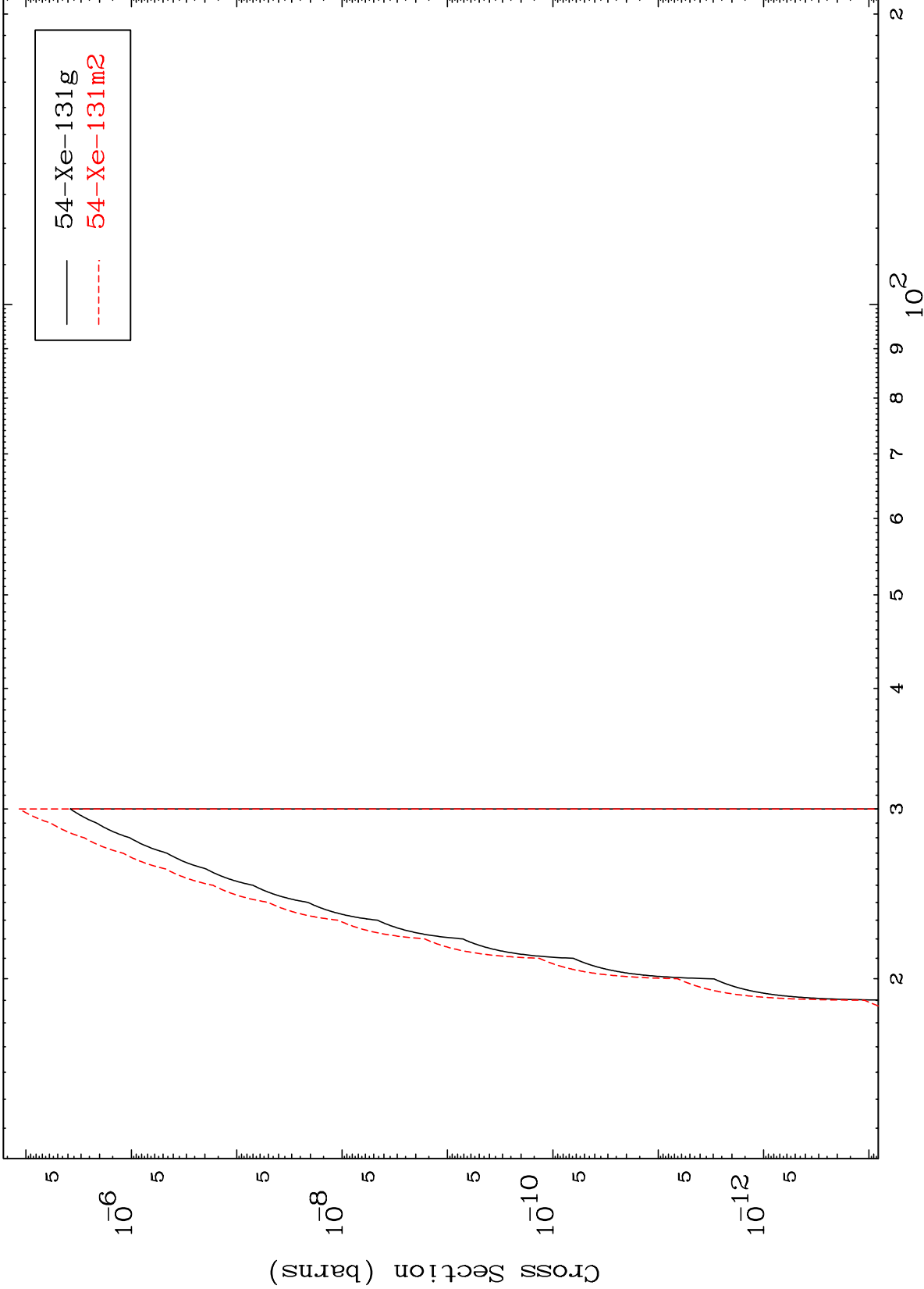
Incident Energy (MeV)

MAT 5635

(n,2n) p

56-Ba-133

Radionuclide Production Cross Section



27

Incident Energy (MeV)

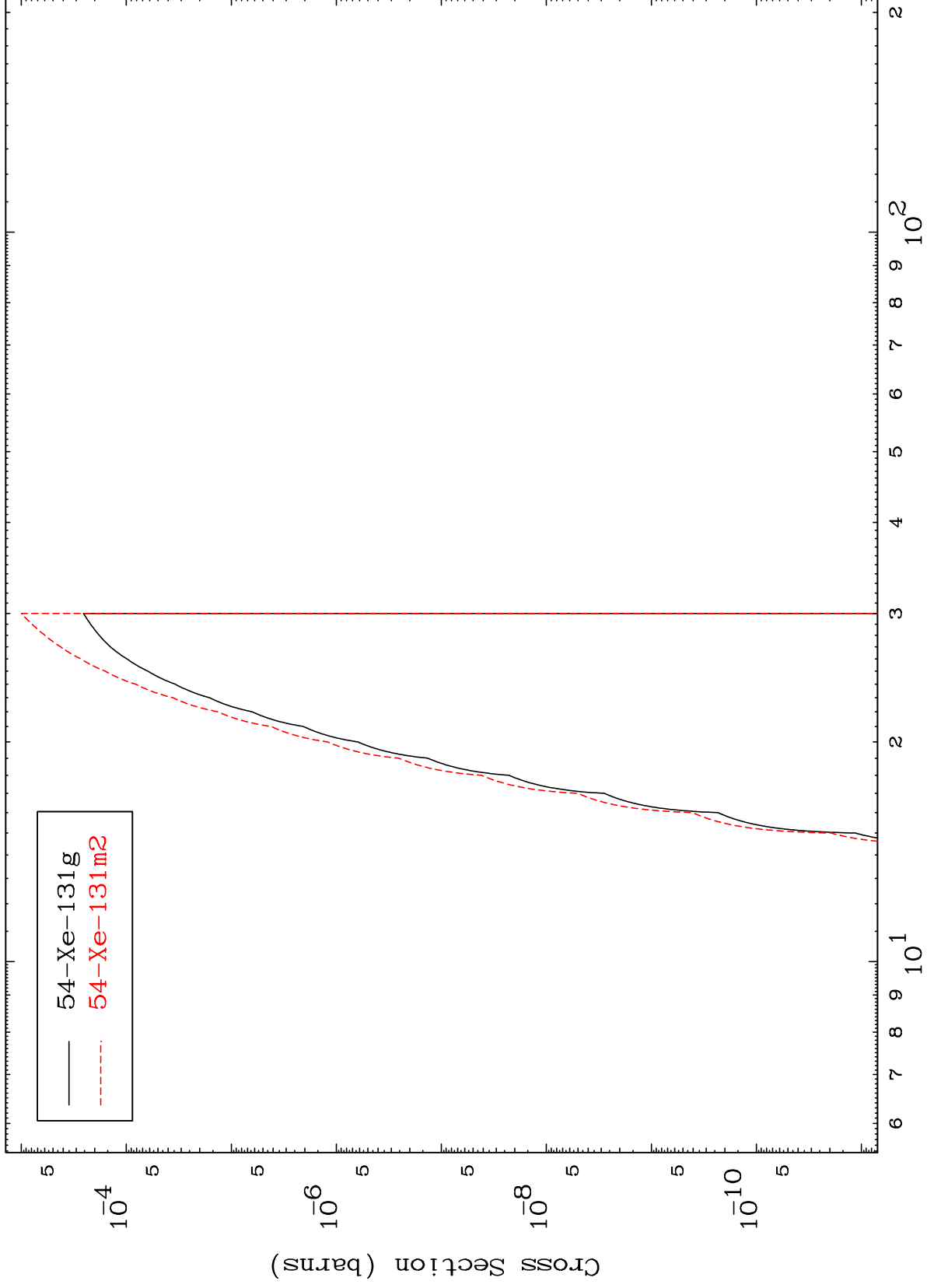
56-Ba-133

MAT 5635

(n,He-3)

56-Ba-133

Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,p) d

56-Ba-133

