

Program EVALPLOT
(Version 2018-1)

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

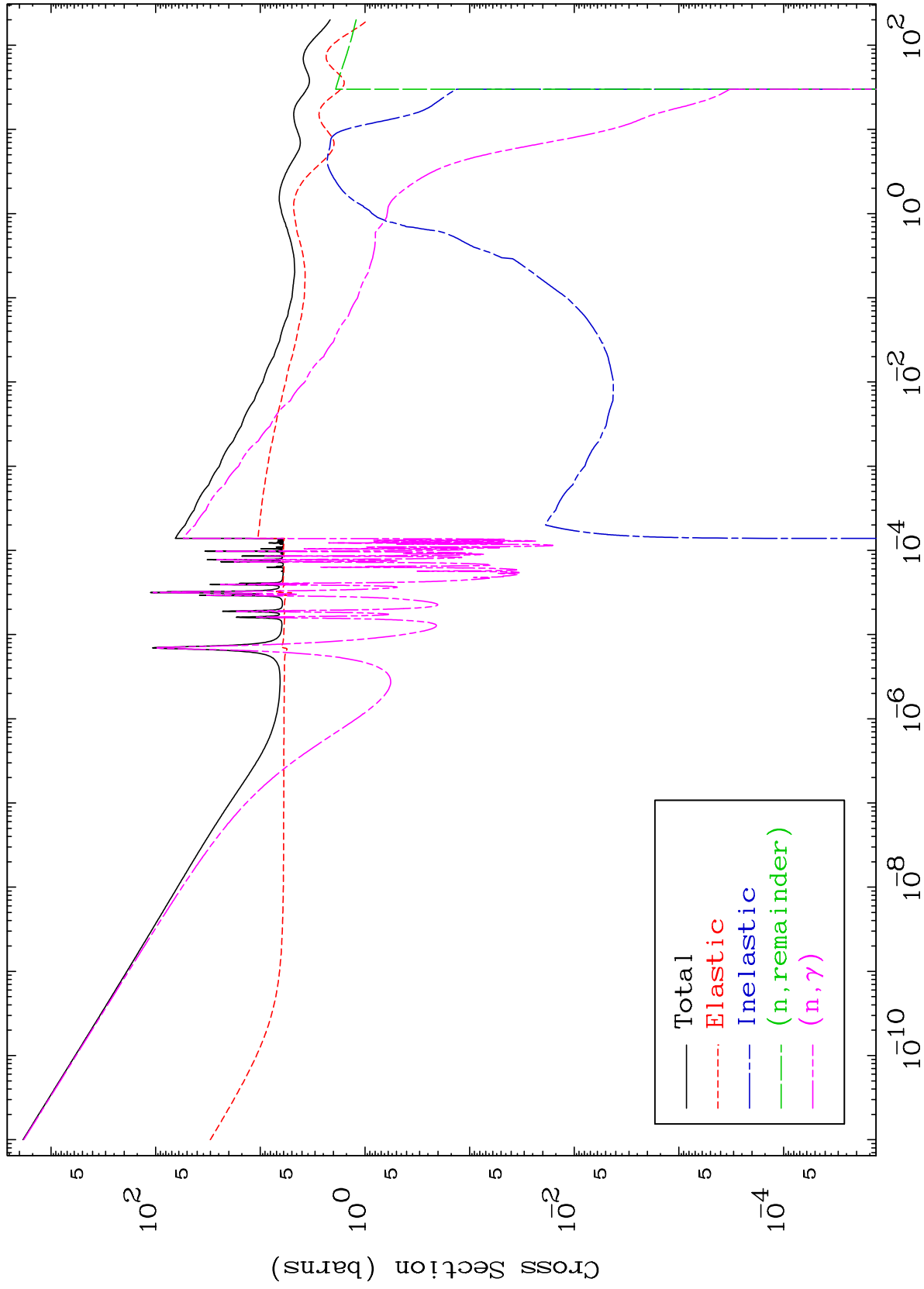
Press Mouse Button to Start

MAT 5635

Major

293 Kelvin Cross Sections

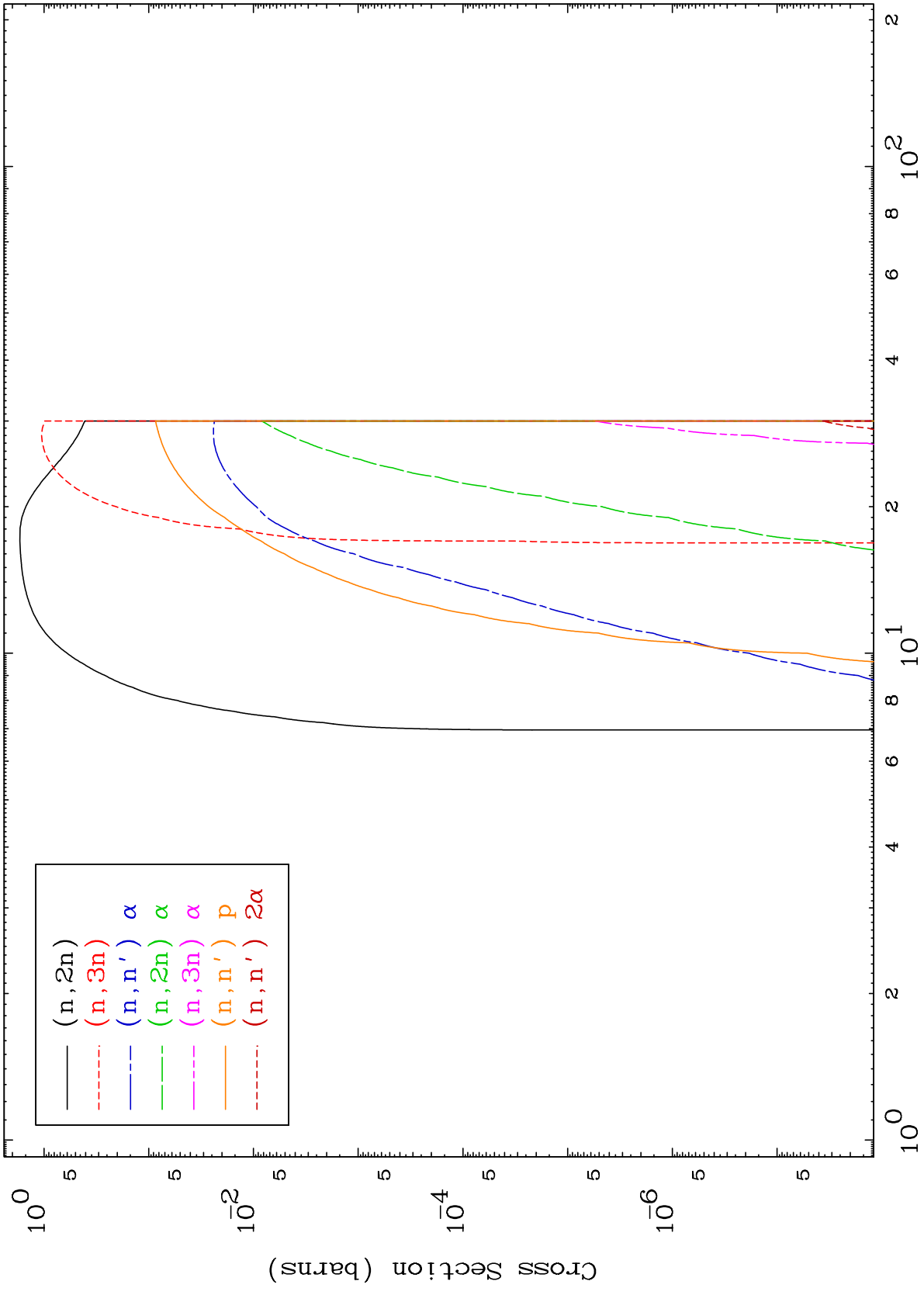
56-Ba-133



MAT 5635

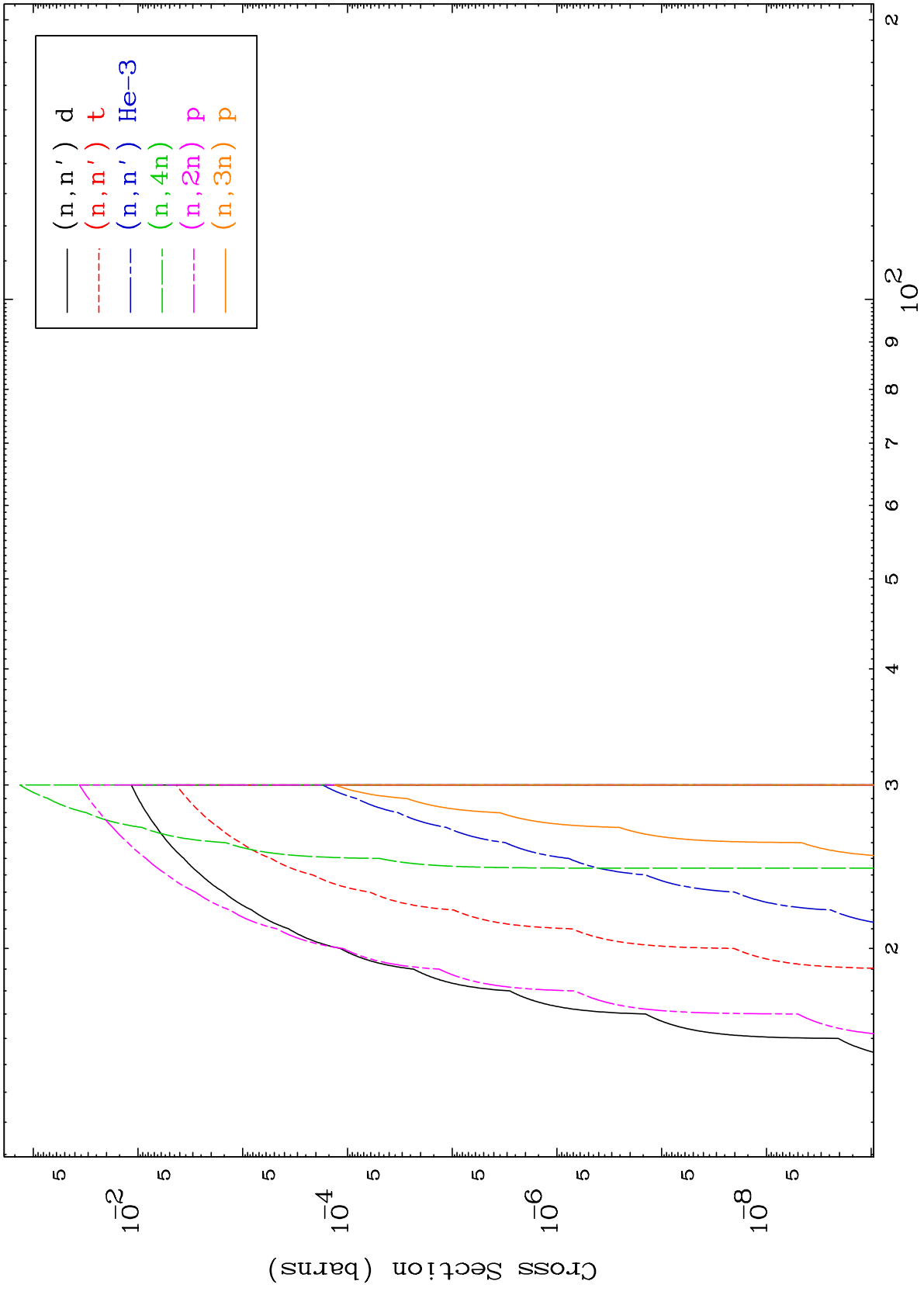
Neutron Production
293 Kelvin Cross Sections

56-Ba-133



Incident Energy (MeV)

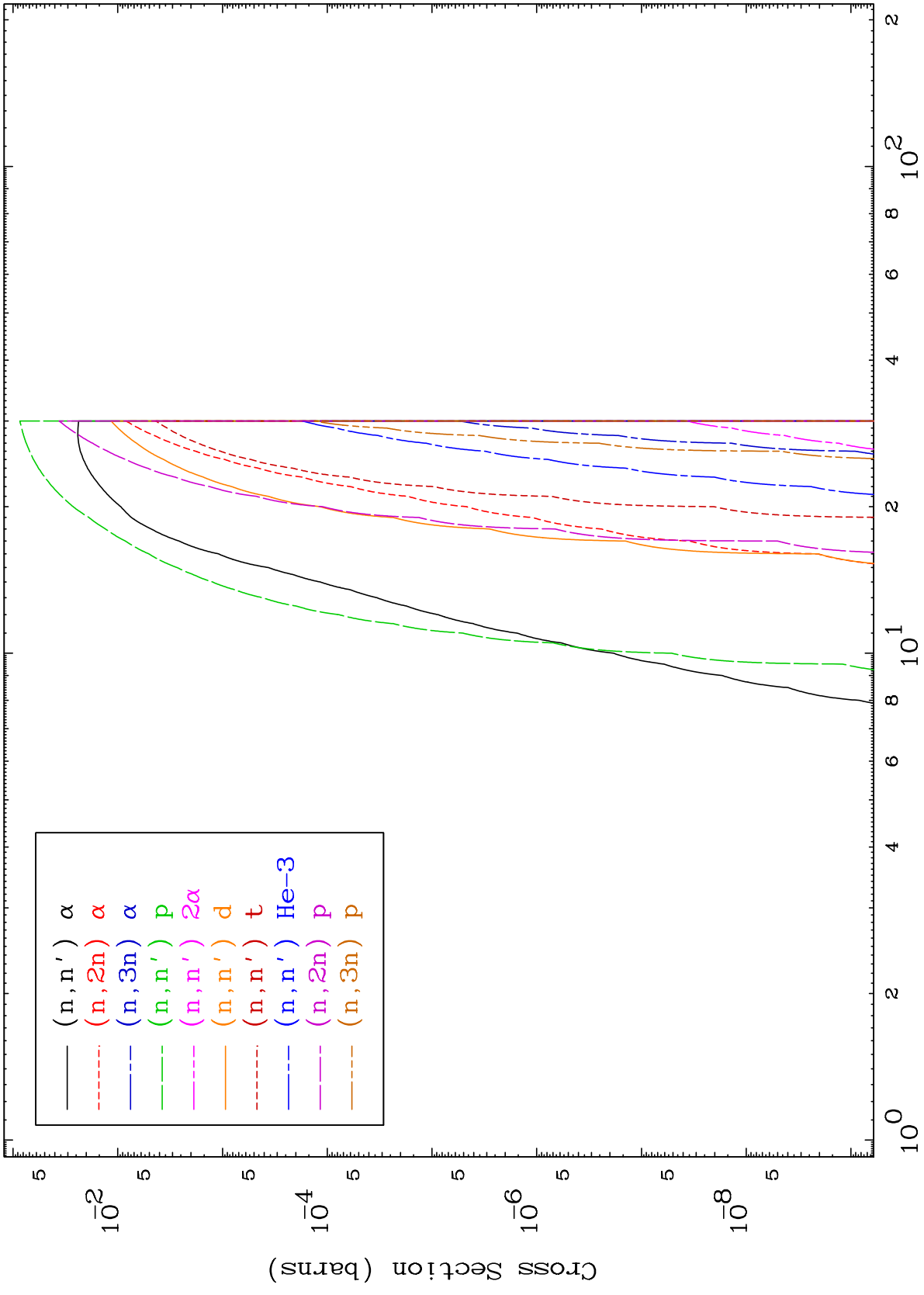
56-Ba-133



MAT 5635

Charged Particle
293 Kelvin Cross Sections

56-Ba-133



56-Ba-133

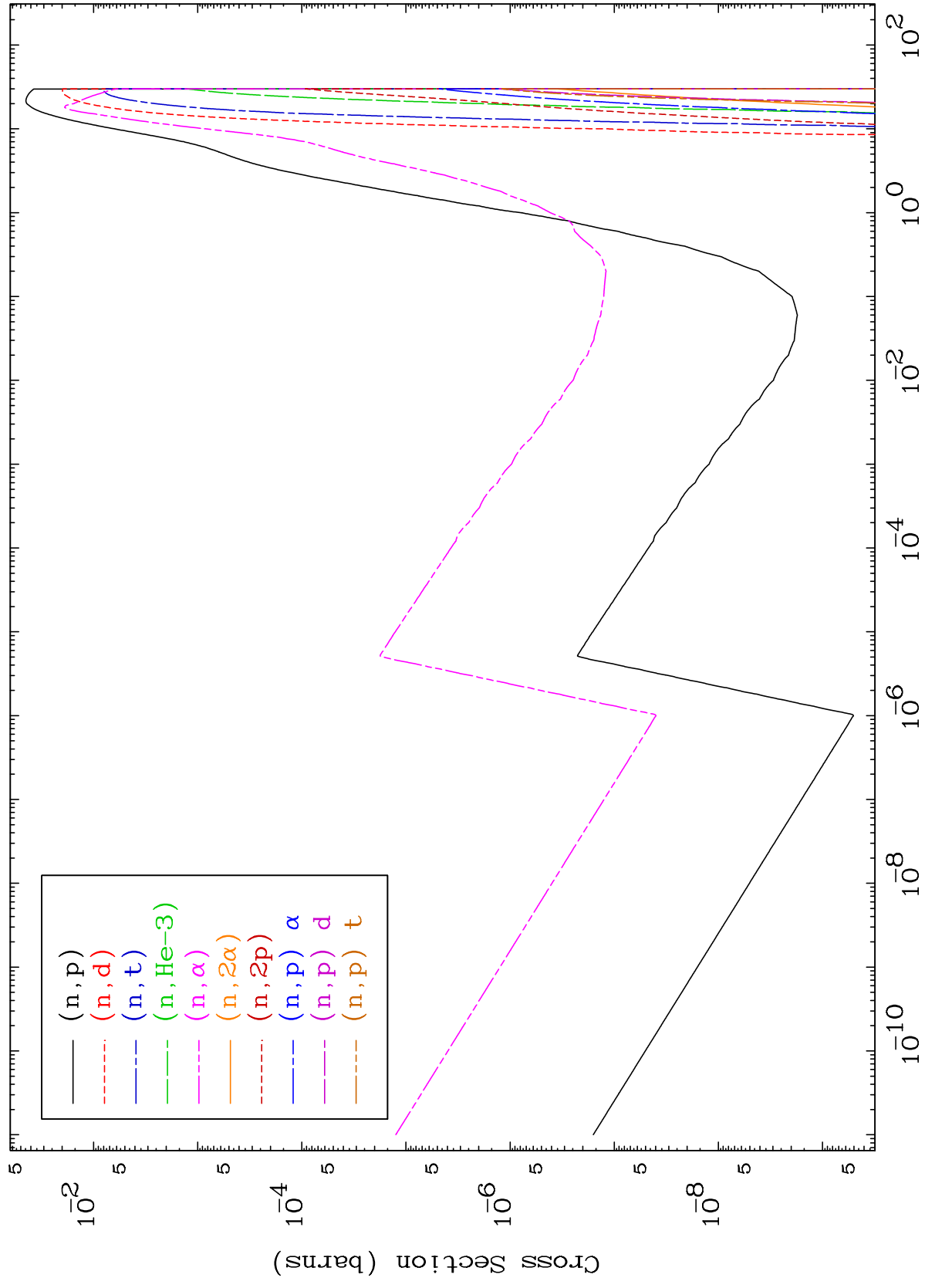
Incident Energy (MeV)

4

MAT 5635

Charged Particle
293 Kelvin Cross Sections

56-Ba-133



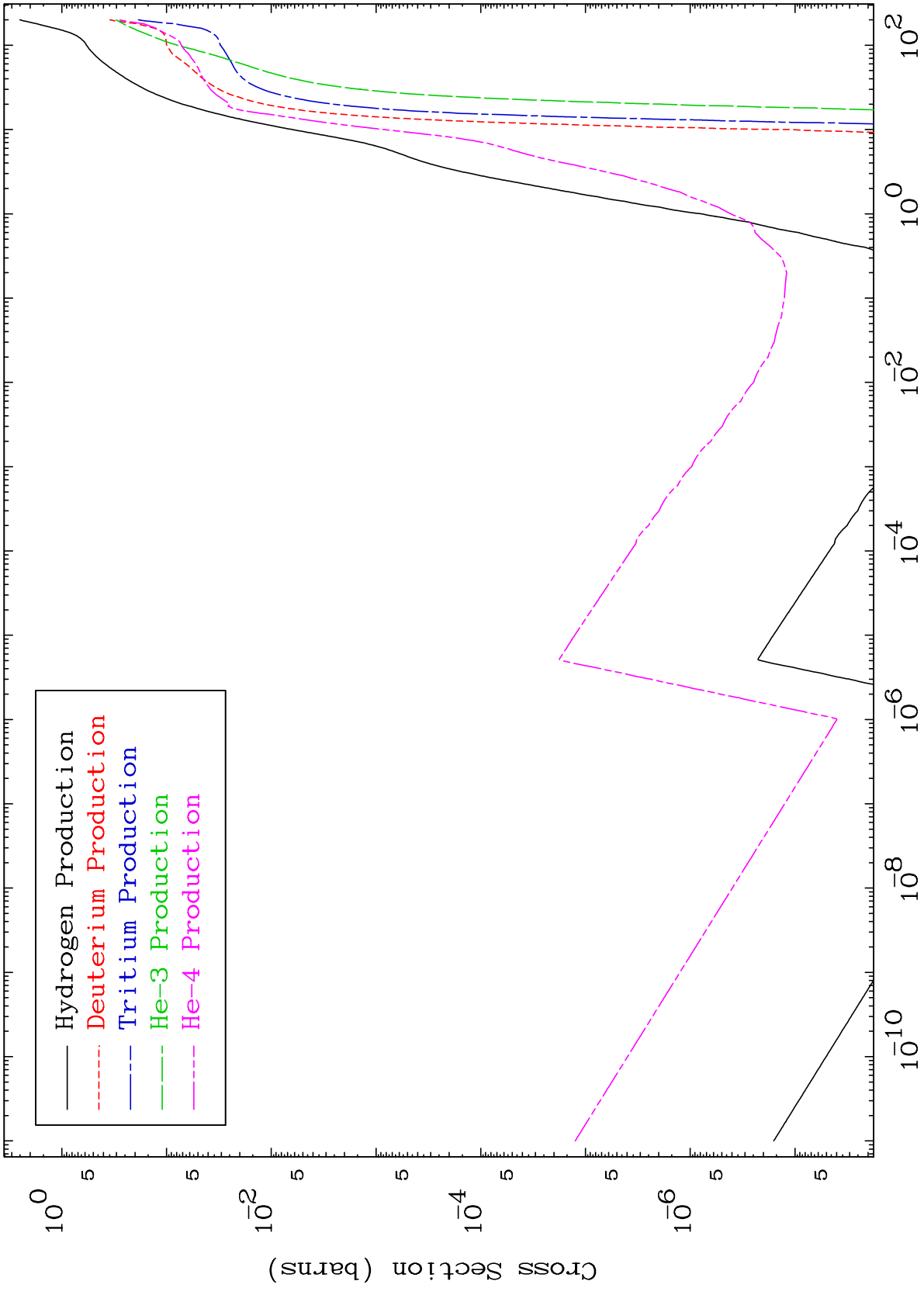
5

56-Ba-133

MAT 5635

Particle Production
293 Kelvin Cross Sections

56-Ba-133



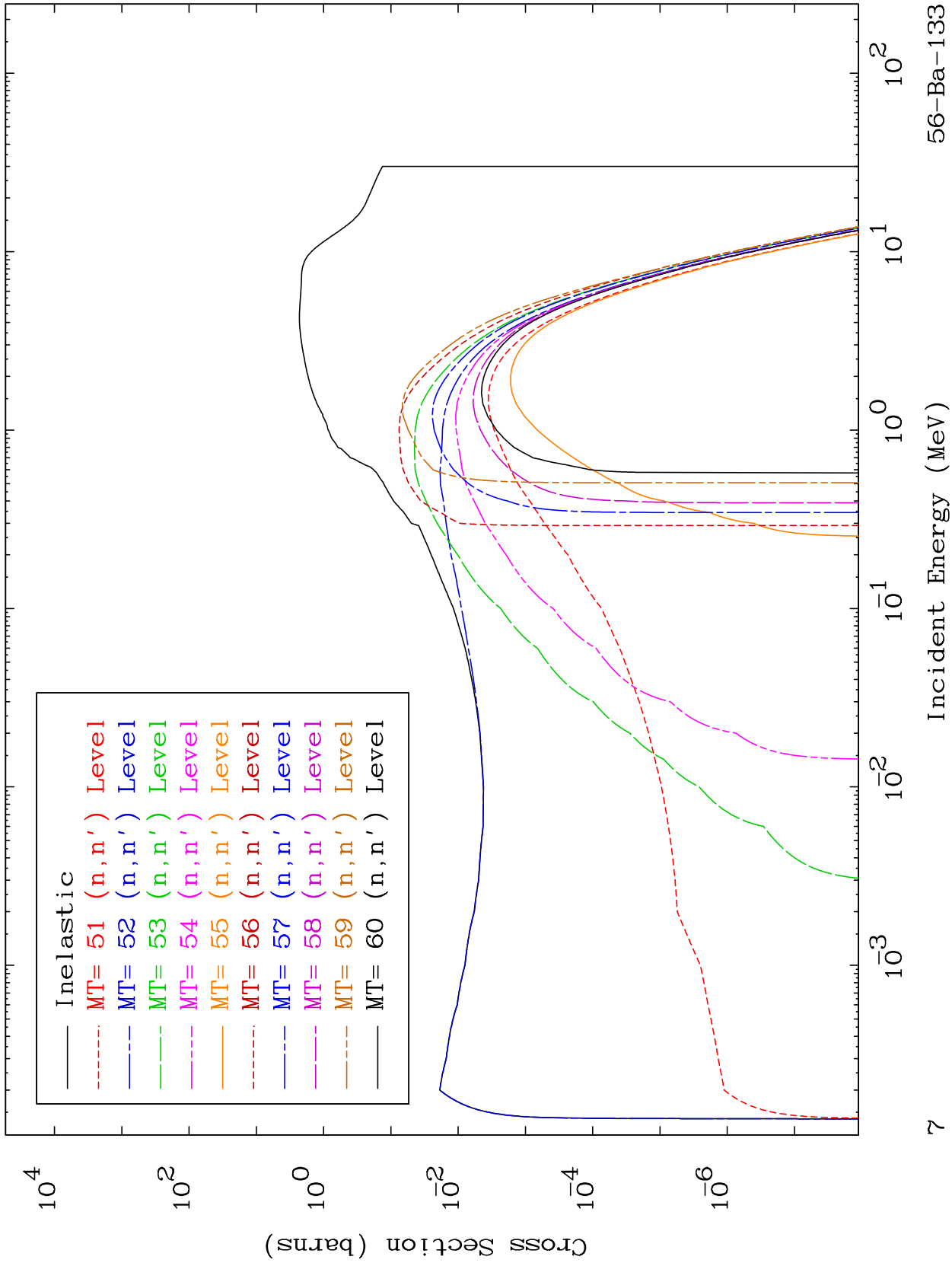
6

56-Ba-133

MAT 5635

293 Kelvin Cross Sections

56-Ba-133

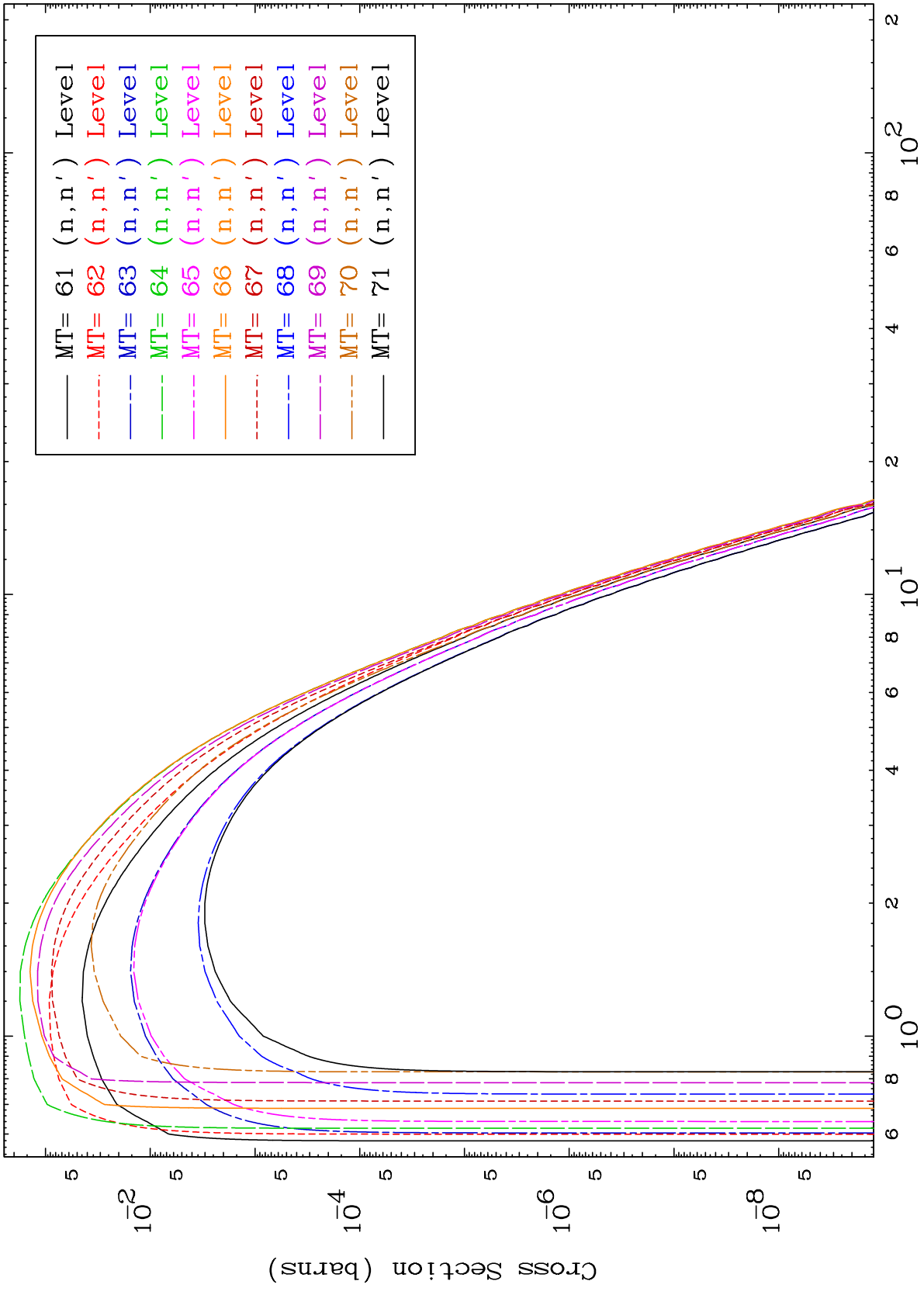


MAT 5635

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections



8

Incident Energy (MeV)

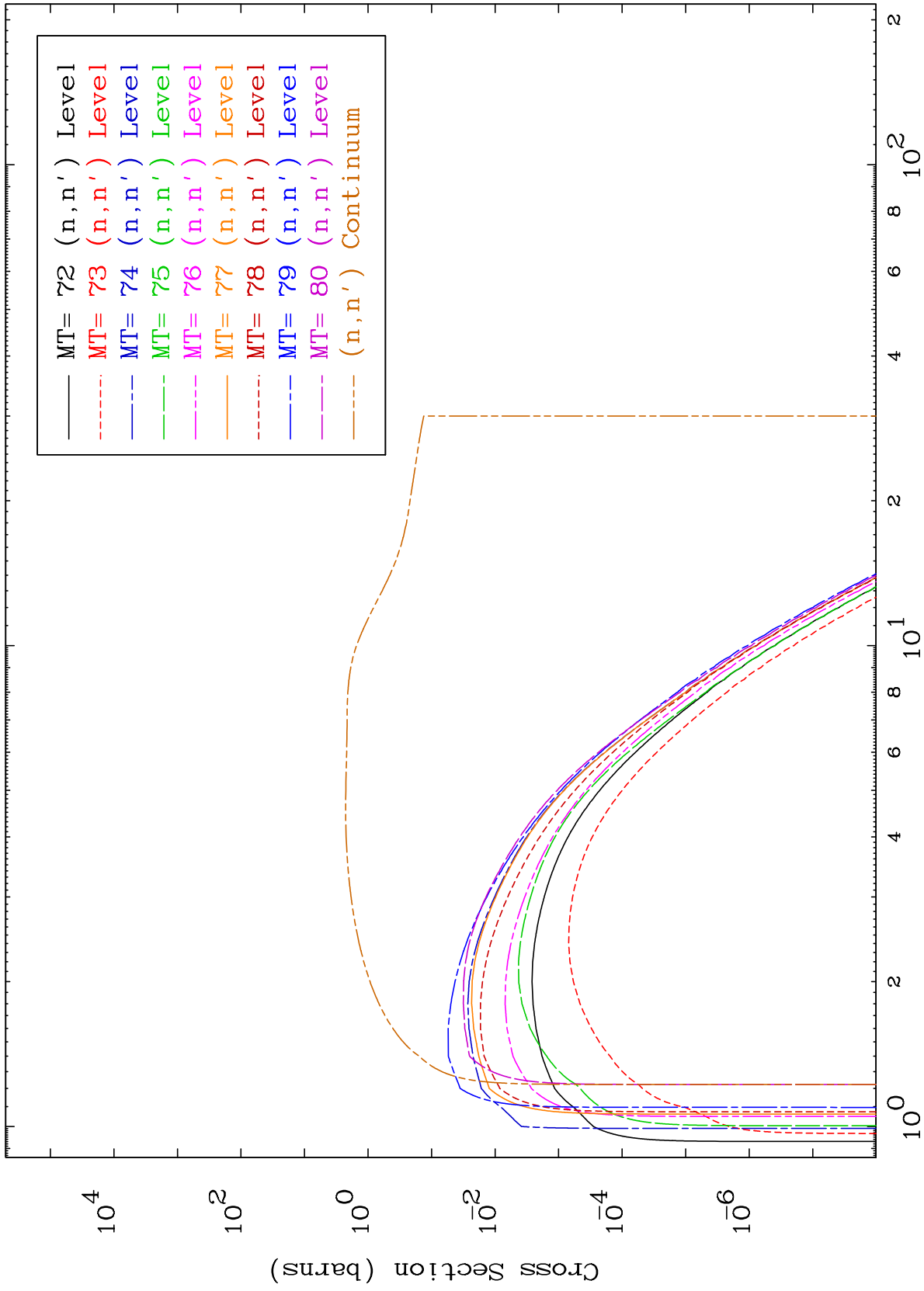
56-Ba-133

MAT 5635

(n,n') Level

56-Ba-133

293 Kelvin Cross Sections



9

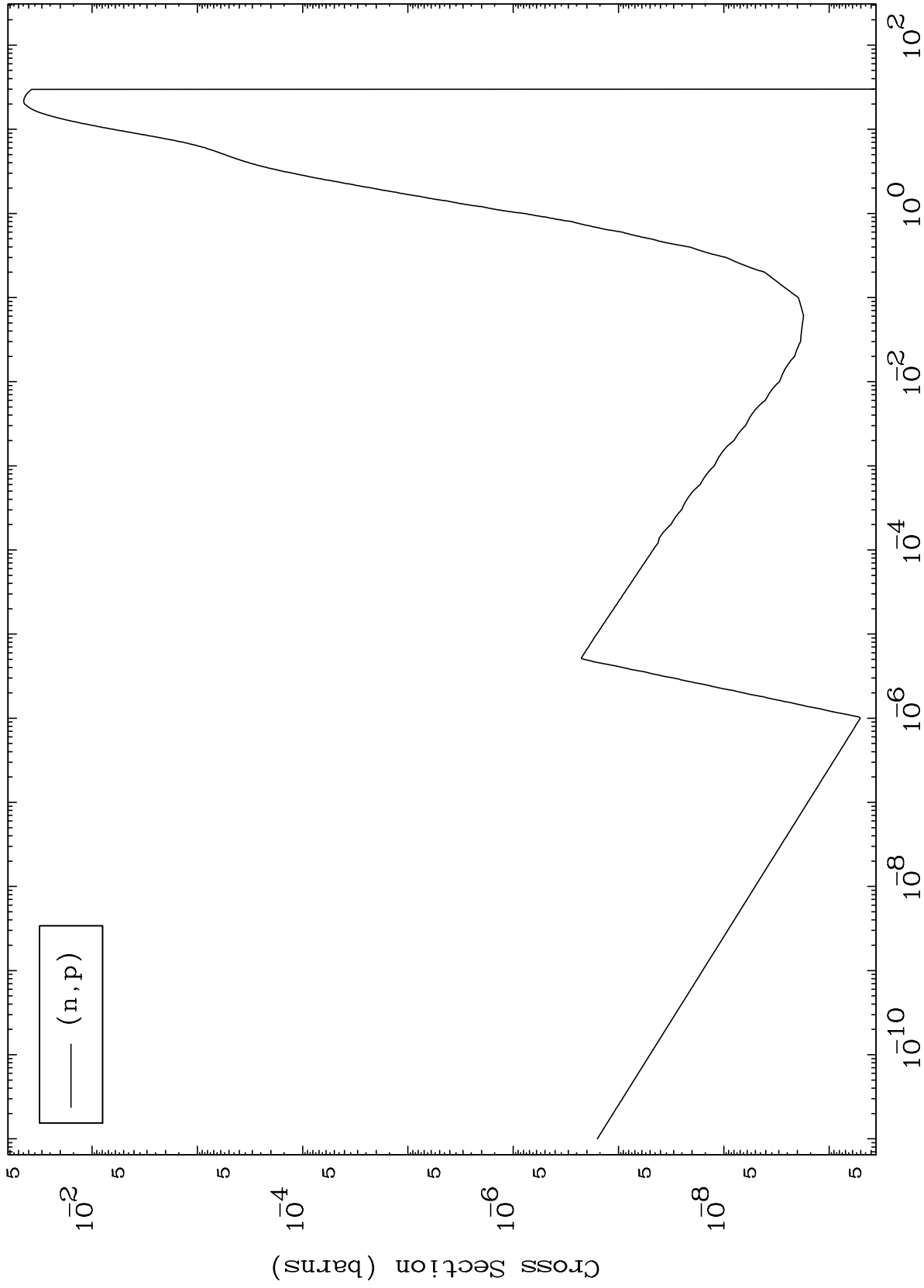
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-133



10

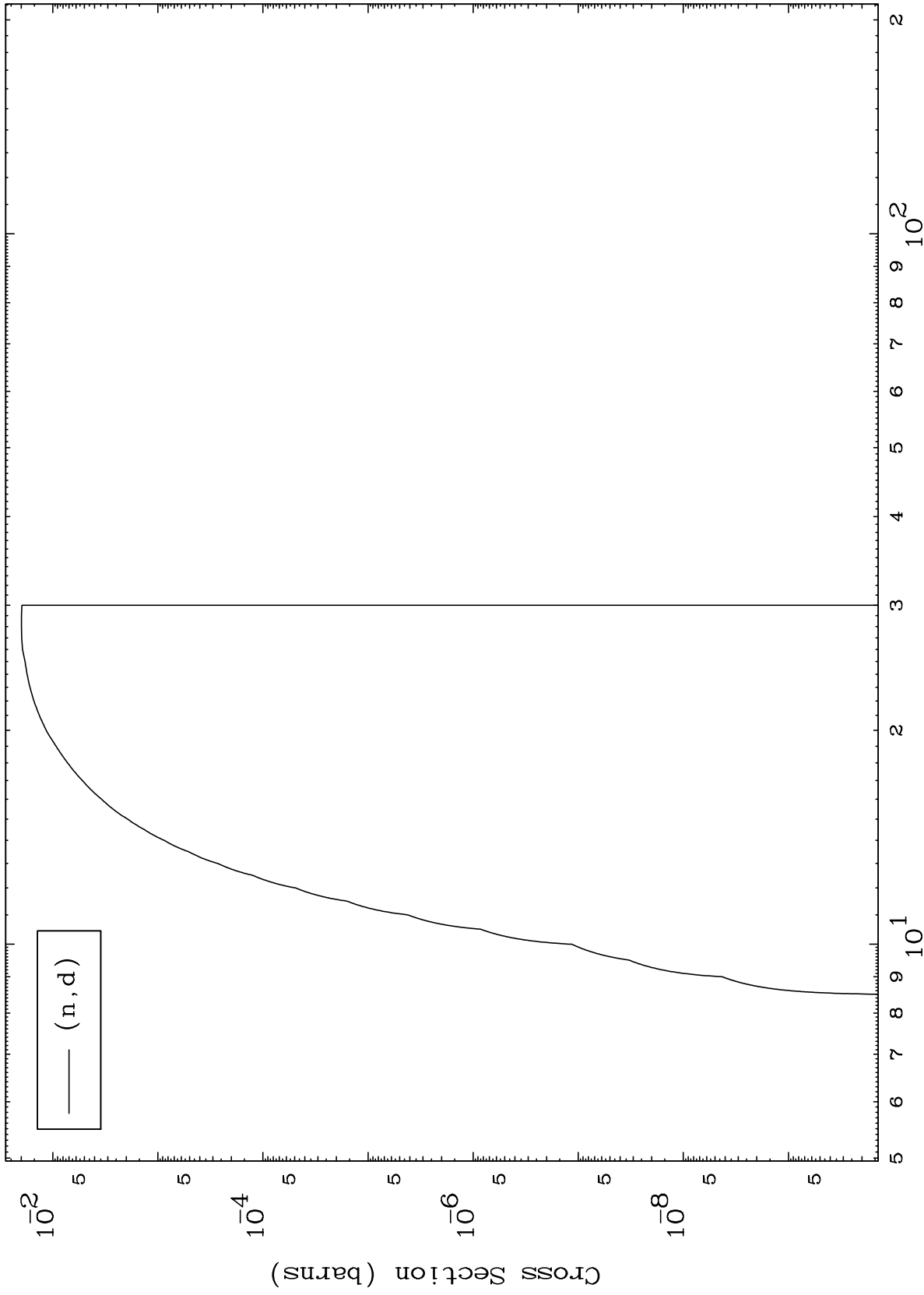
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-133



11

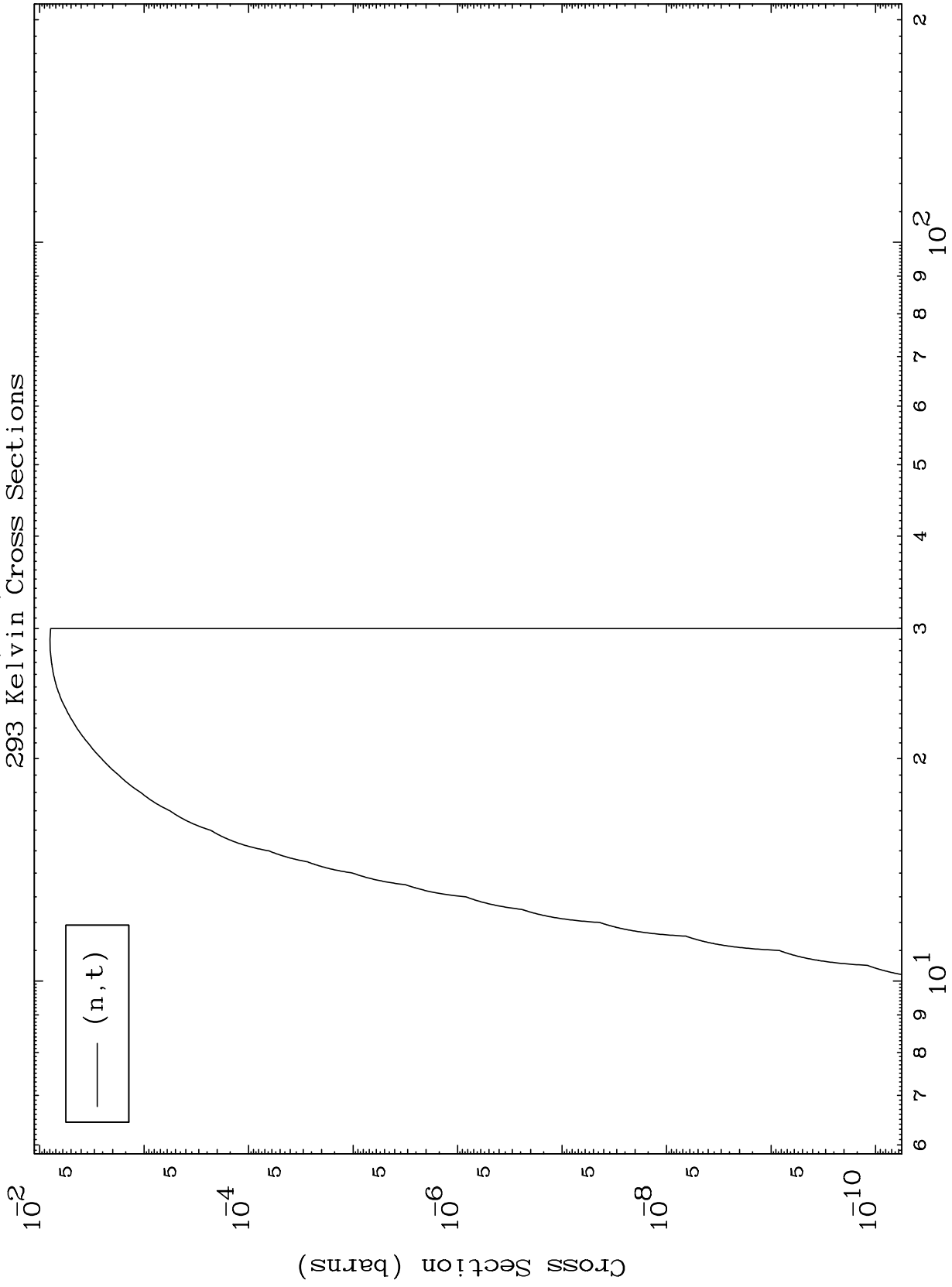
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-133



12

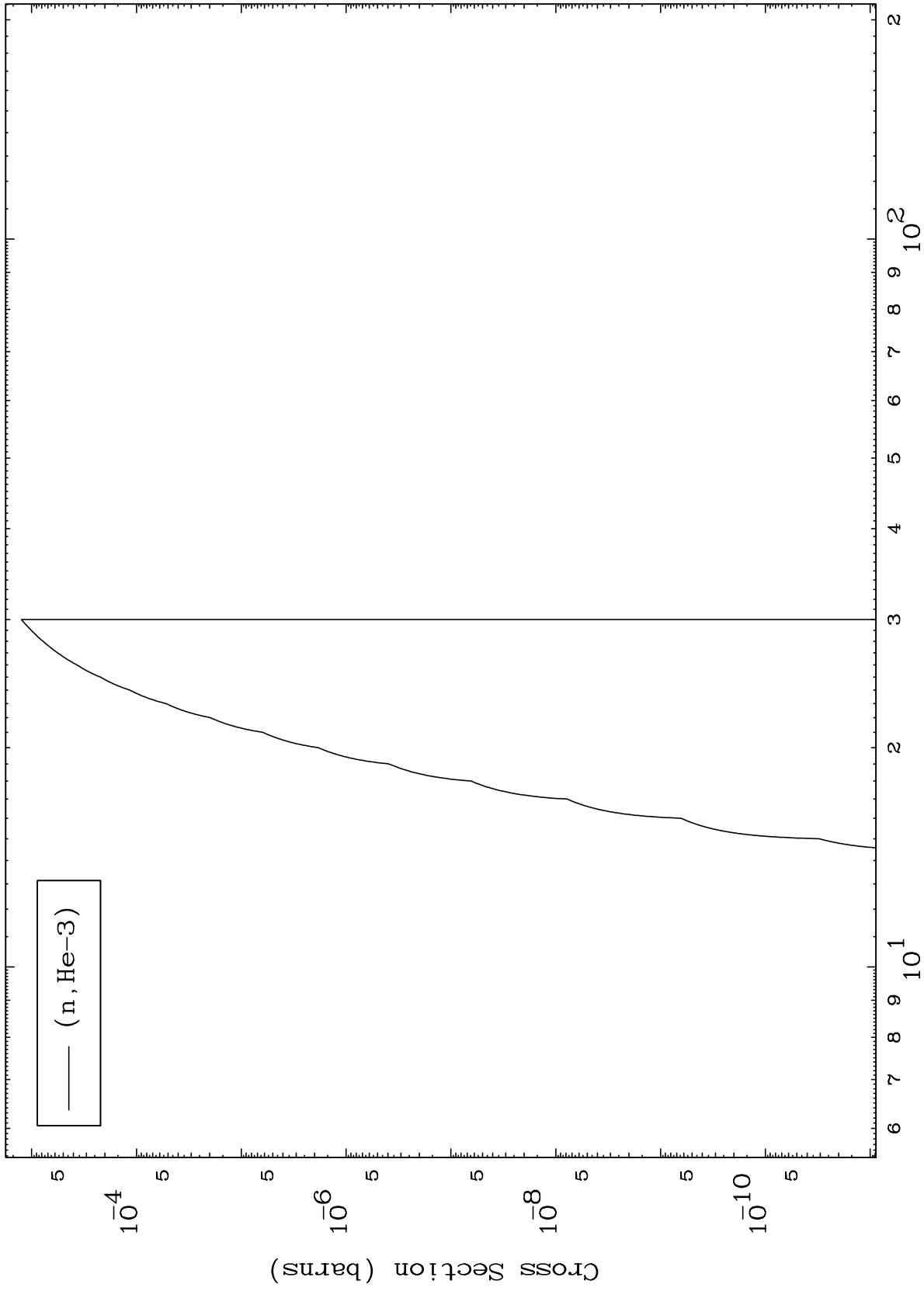
Incident Energy (MeV)

56-Ba-133

MAT 5635

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-133



13

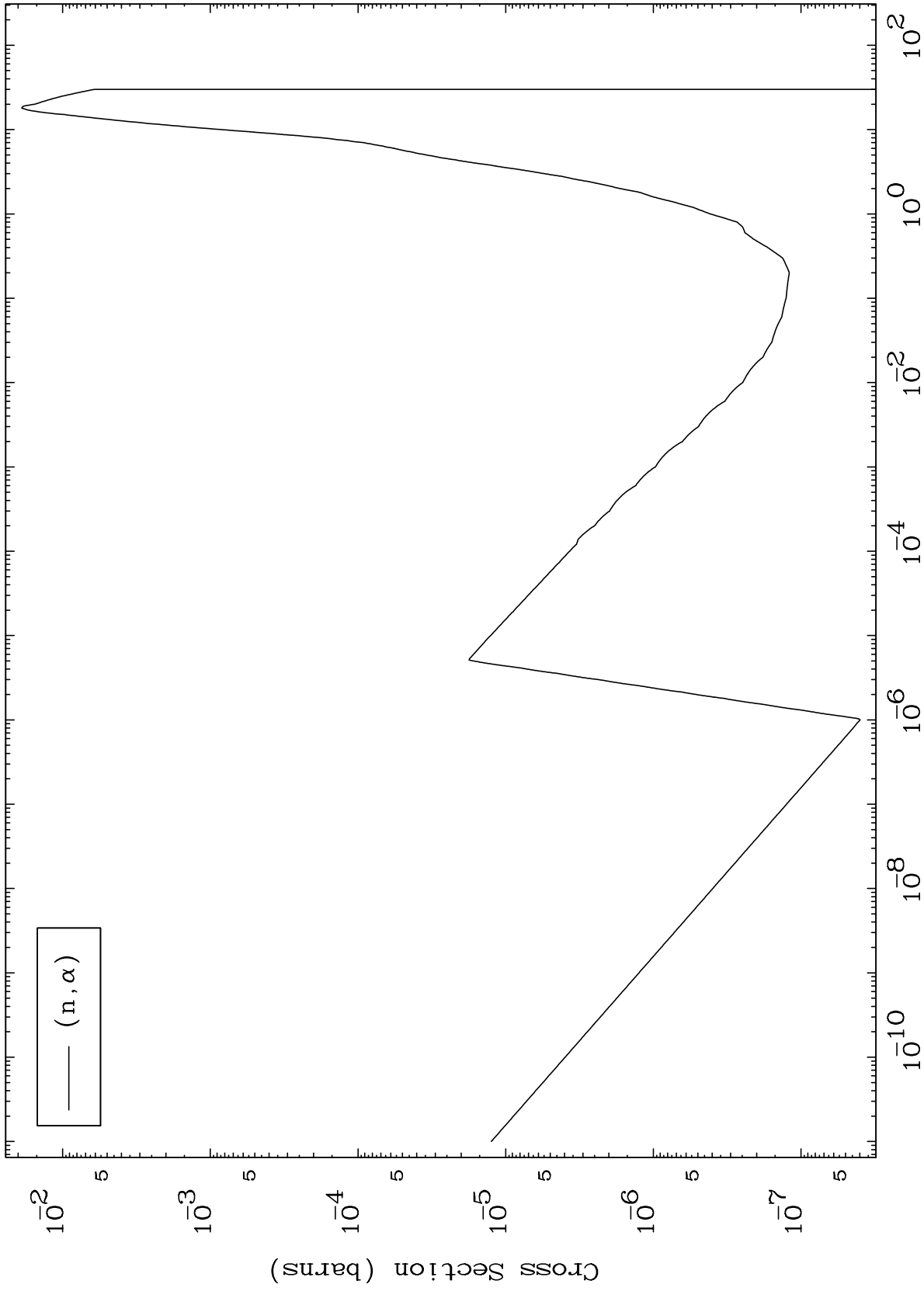
Incident Energy (MeV)

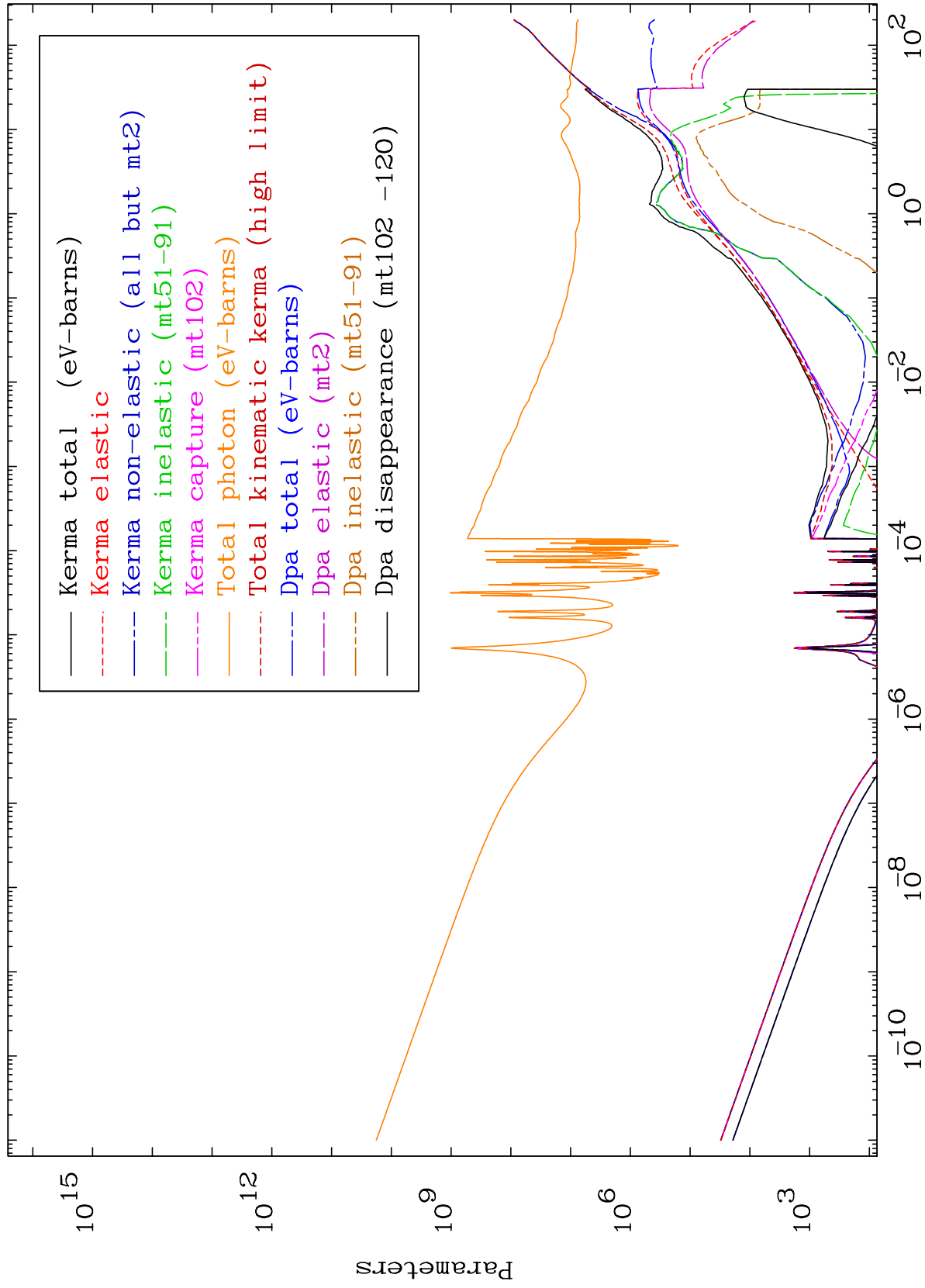
56-Ba-133

MAT 5635

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-133

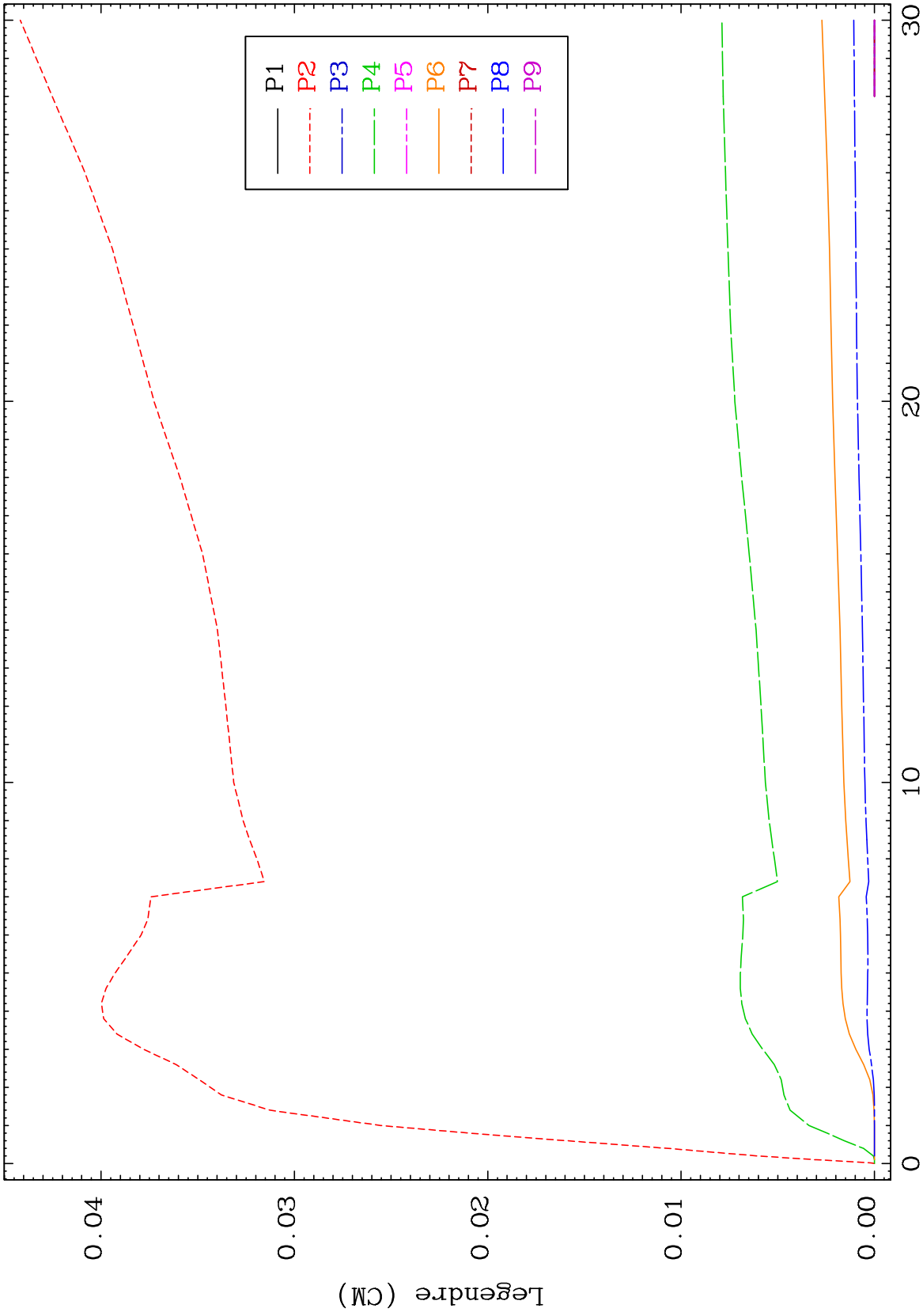




MAT 5635

Elastic Legendre Coefficients

56-Ba-133



16

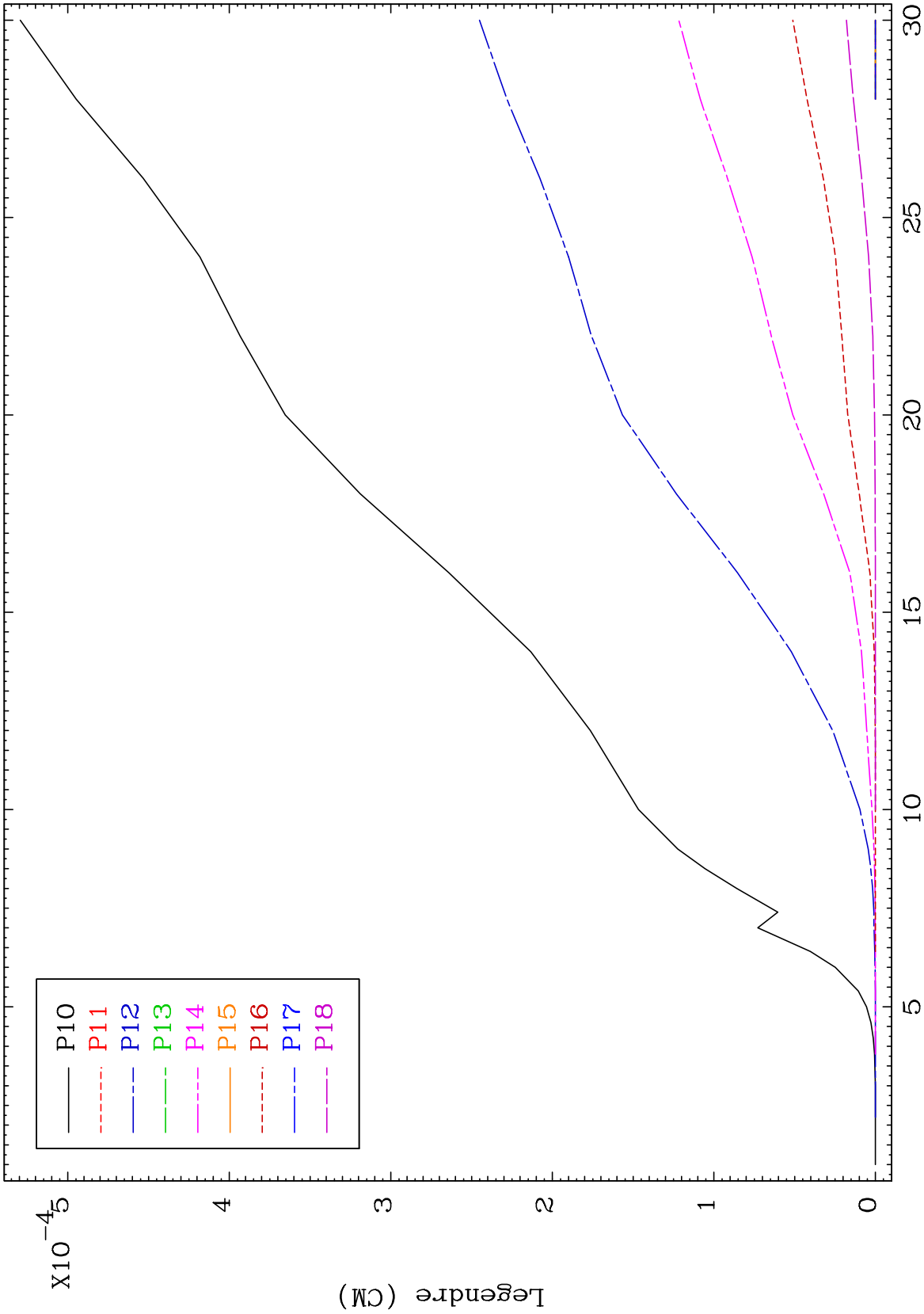
Incident Energy (MeV)

56-Ba-133

MAT 5635

Elastic Legendre Coefficients

56-Ba-133



17

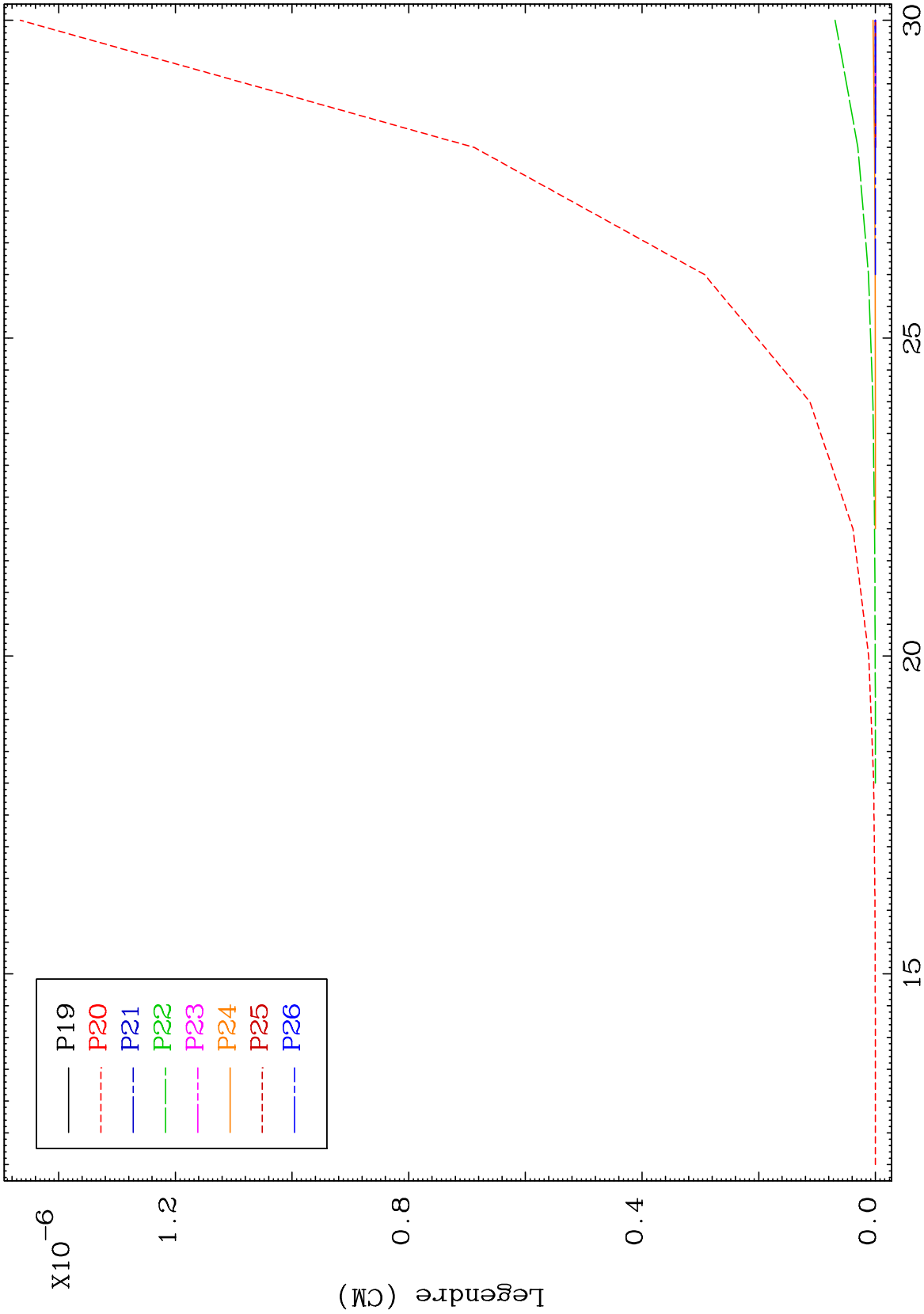
Incident Energy (MeV)

56-Ba-133

MAT 5635

Elastic Legendre Coefficients

56-Ba-133



18

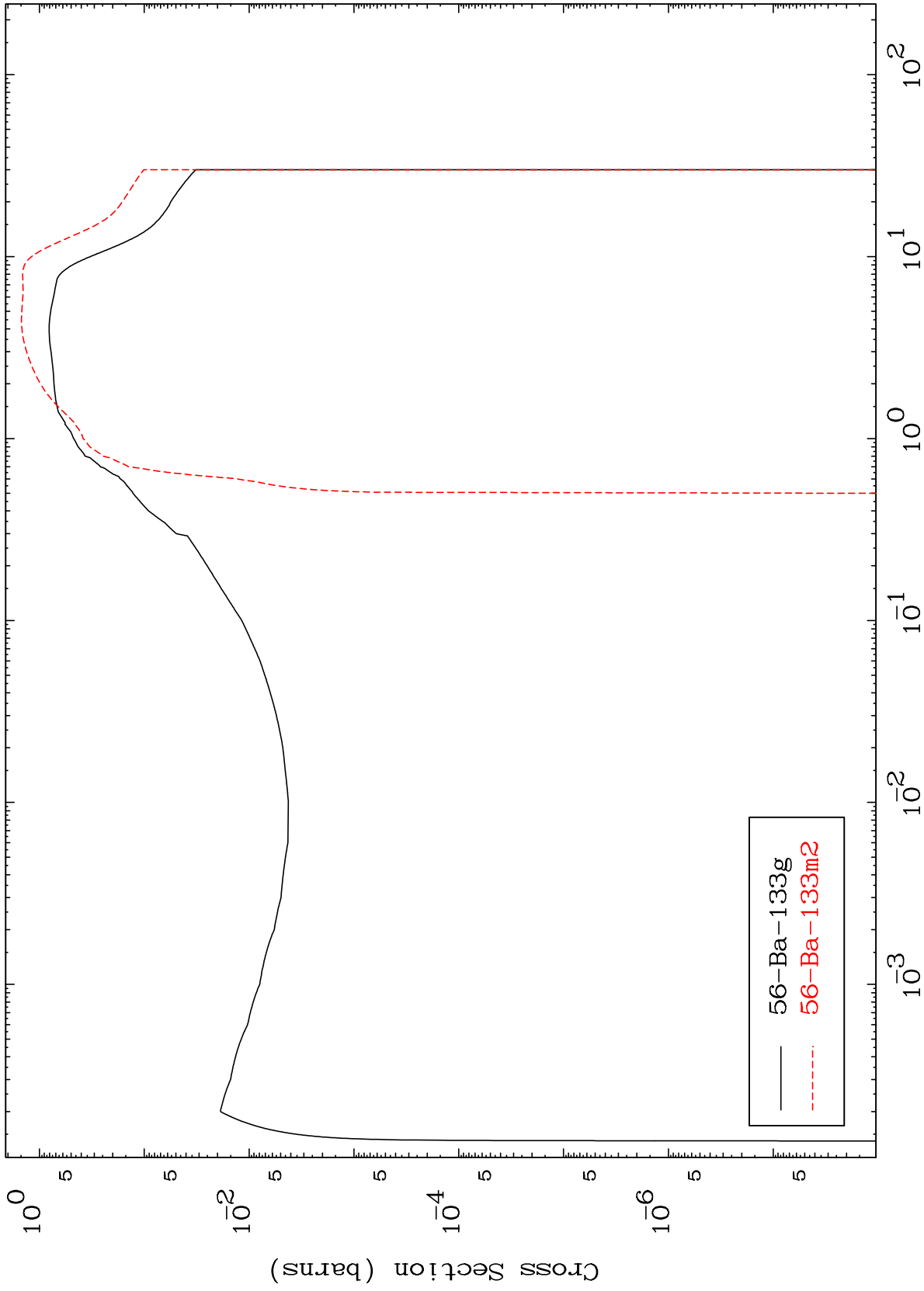
Incident Energy (MeV)

56-Ba-133

MAT 5635

56-Ba-133

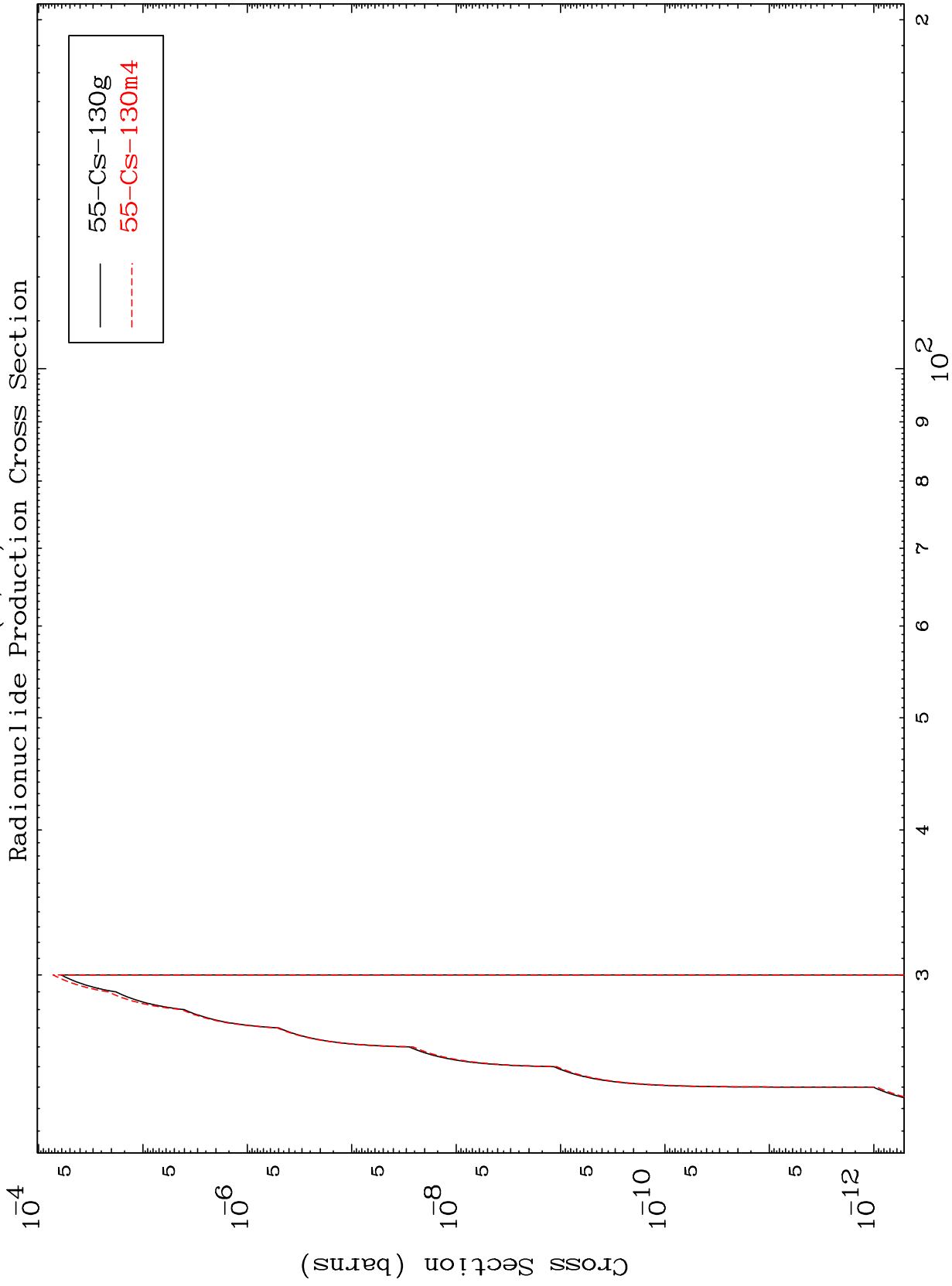
Inelastic
Radionuclide Production Cross Section



MAT 5635

(n,2n) d

56-Ba-133



20

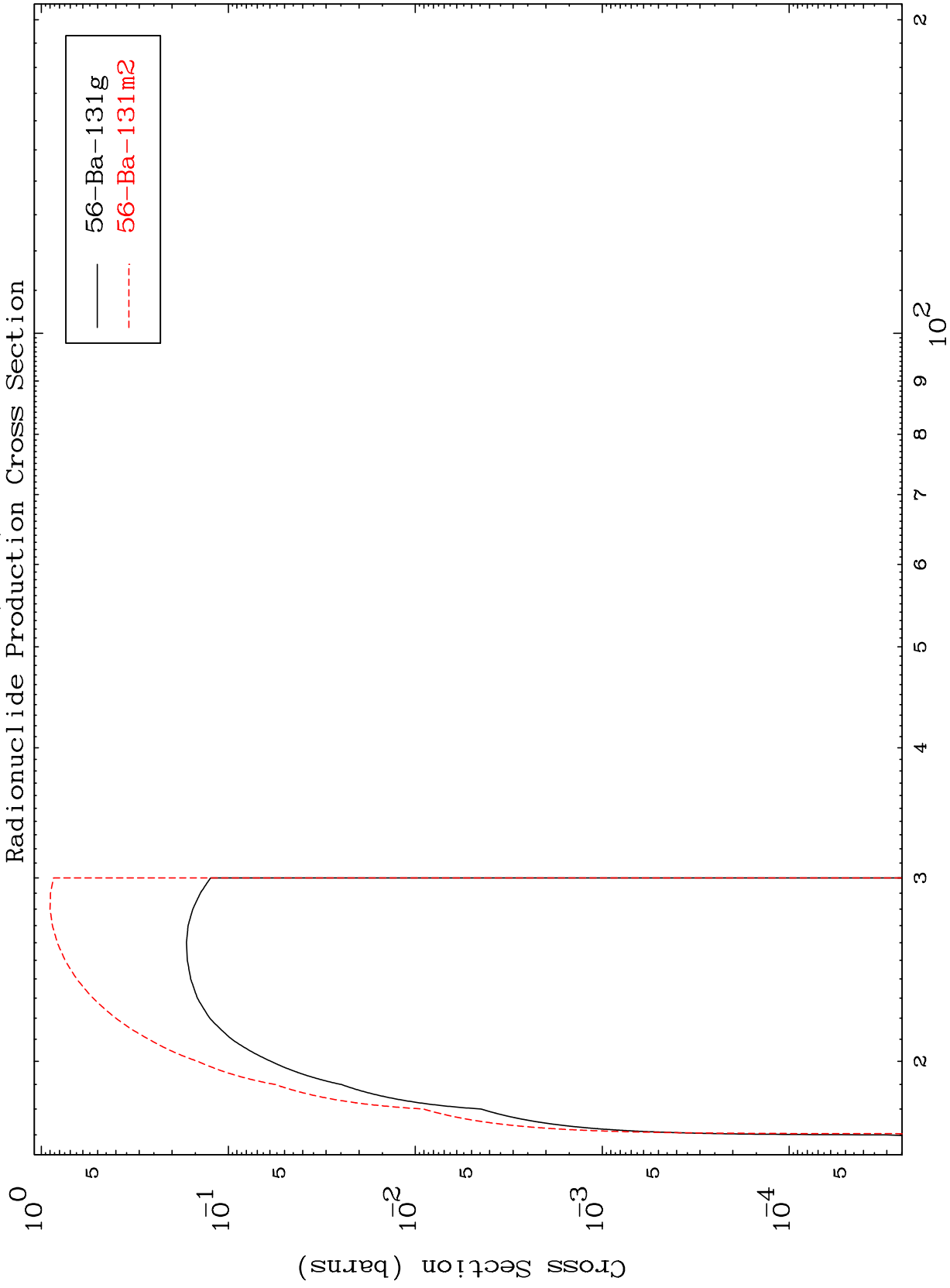
Incident Energy (MeV)

56-Ba-133

MAT 5635

56-Ba-133

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

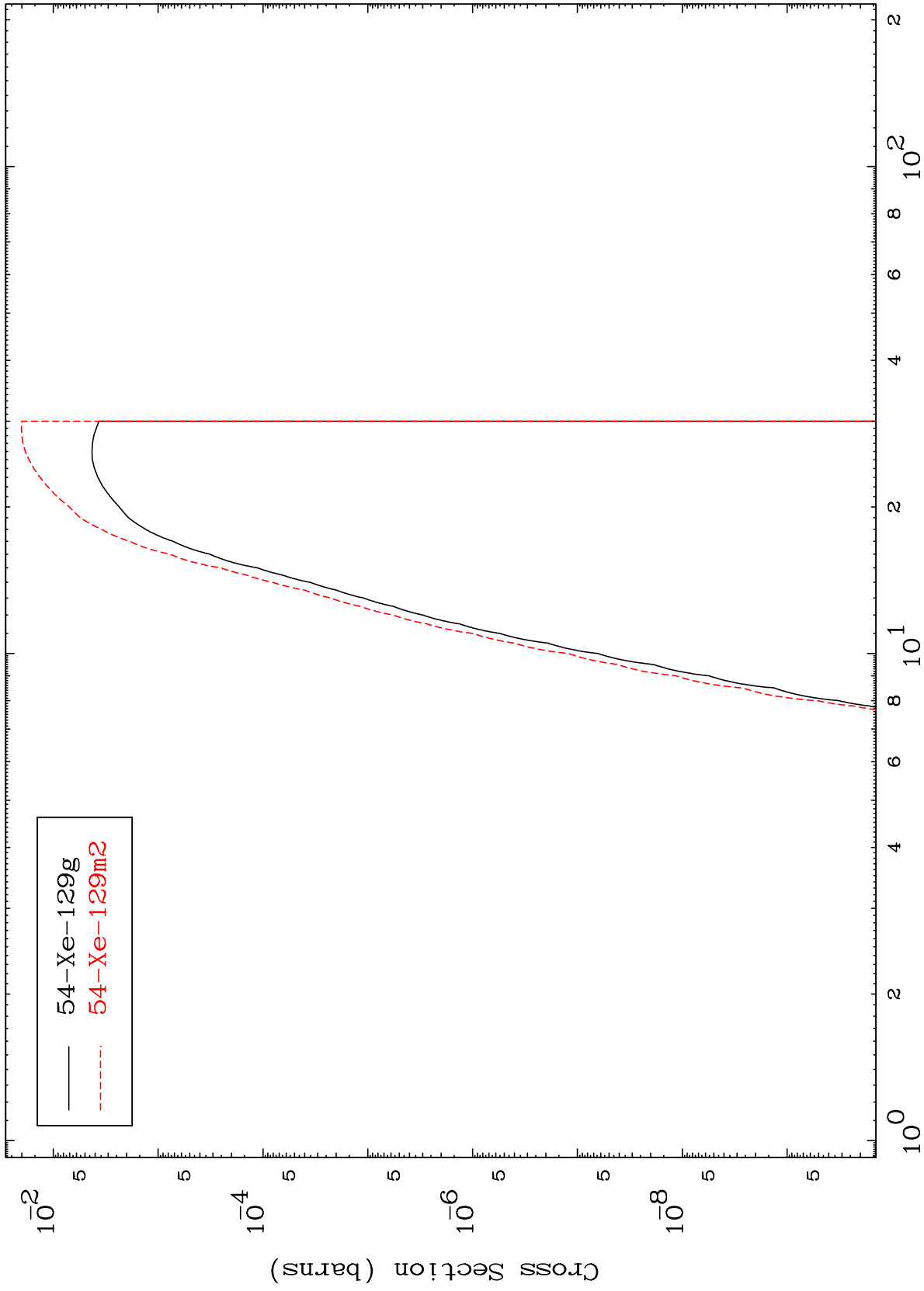
56-Ba-133

MAT 5635

(n,n') α

56-Ba-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

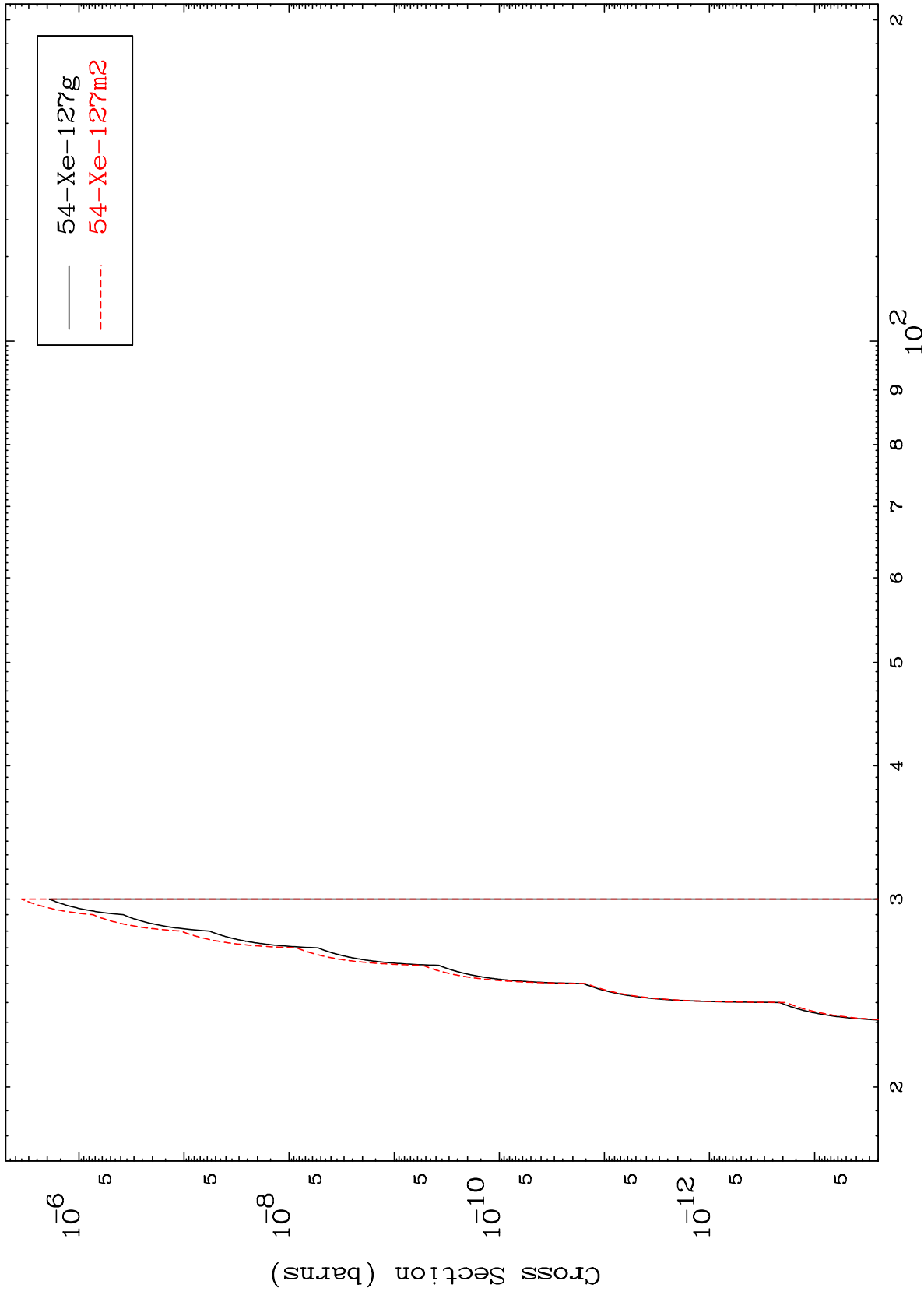
56-Ba-133

MAT 5635

(n,3n) α

56-Ba-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

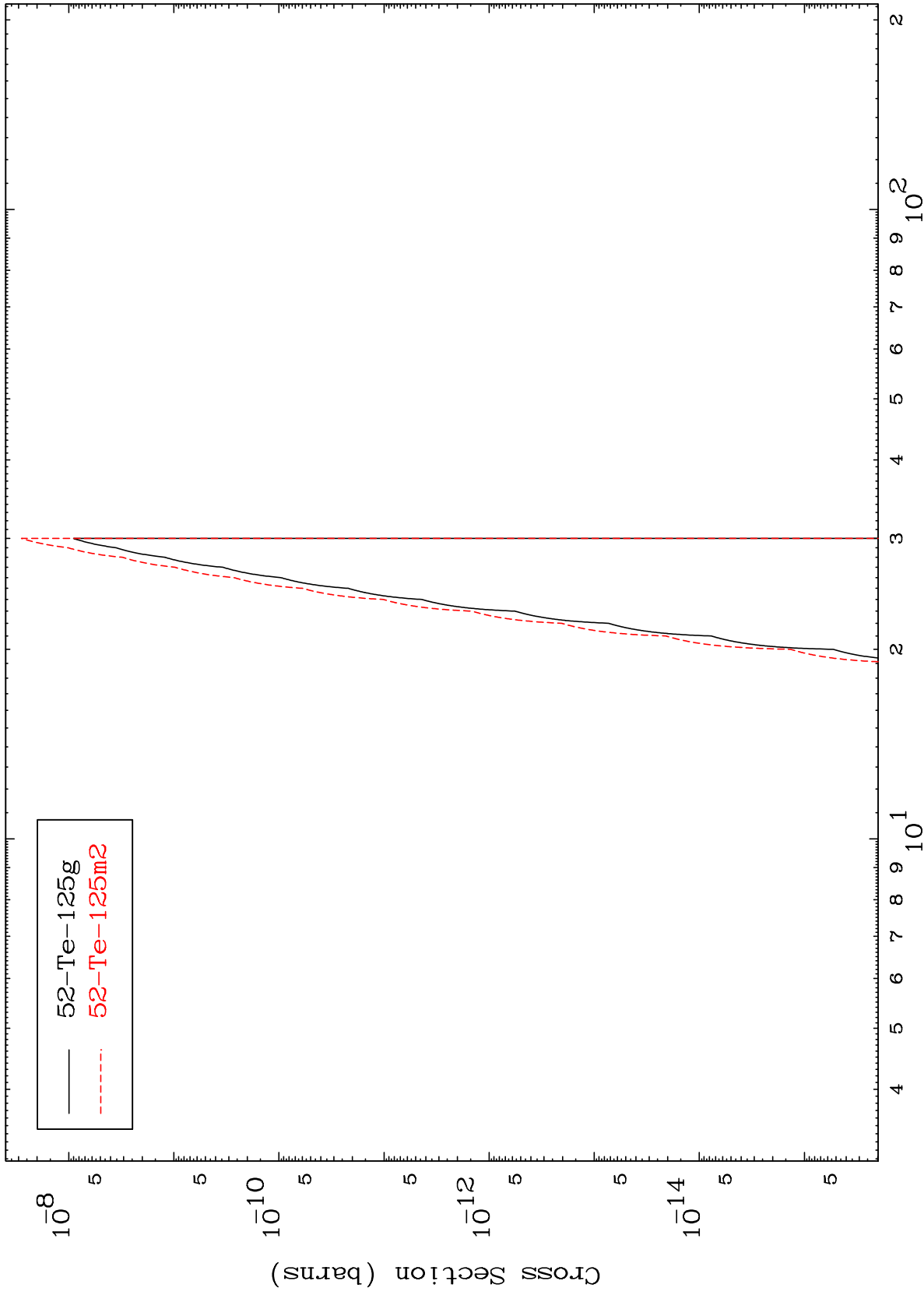
56-Ba-133

MAT 5635

(n, n') 2 α

56-Ba-133

Radionuclide Production Cross Section



24

Incident Energy (MeV)

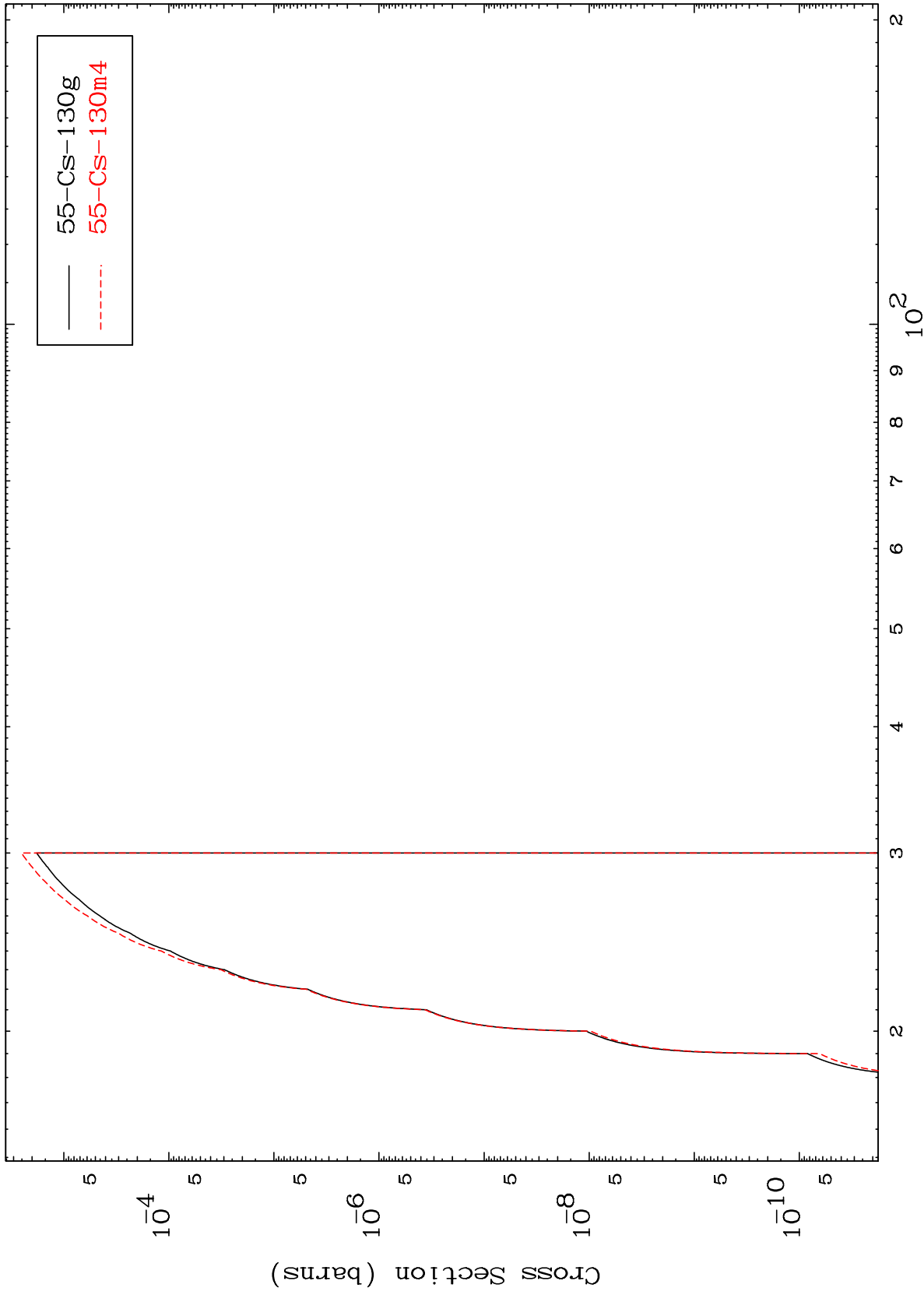
56-Ba-133

MAT 5635

(n,n') t

56-Ba-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

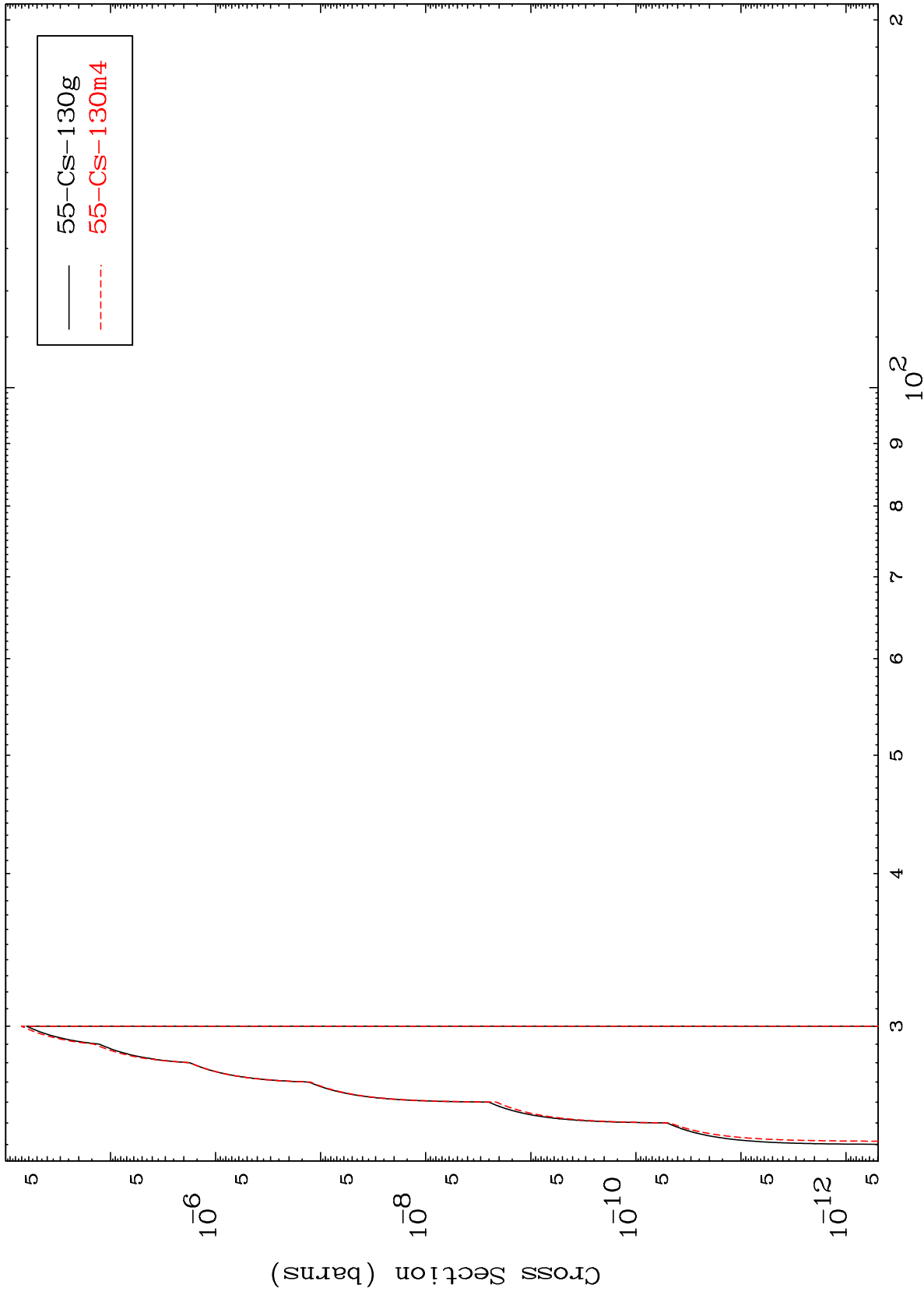
56-Ba-133

MAT 5635

(n,3n) p

56-Ba-133

Radionuclide Production Cross Section



26

Incident Energy (MeV)

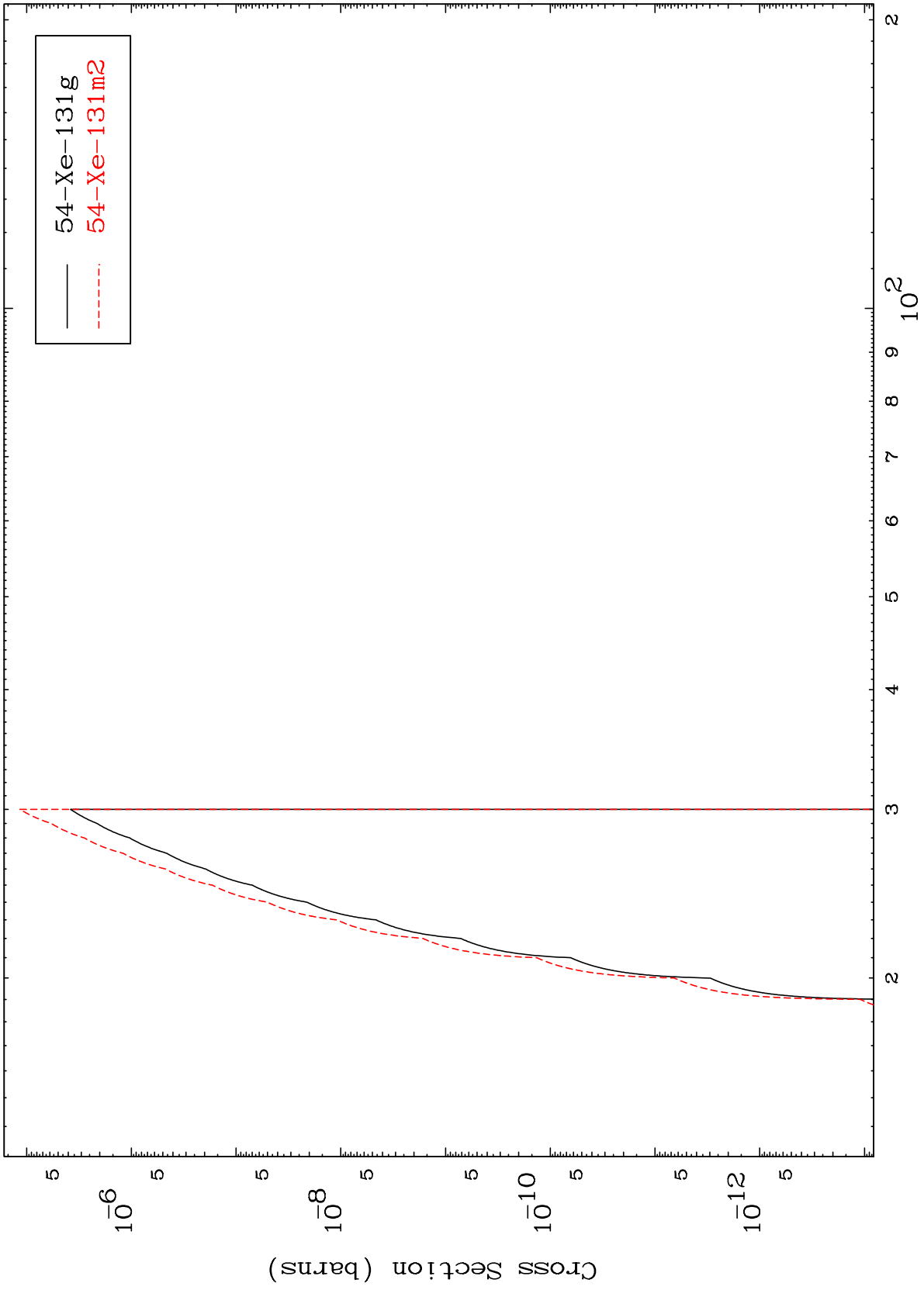
56-Ba-133

MAT 5635

(n,2n) p

56-Ba-133

Radionuclide Production Cross Section



27

Incident Energy (MeV)

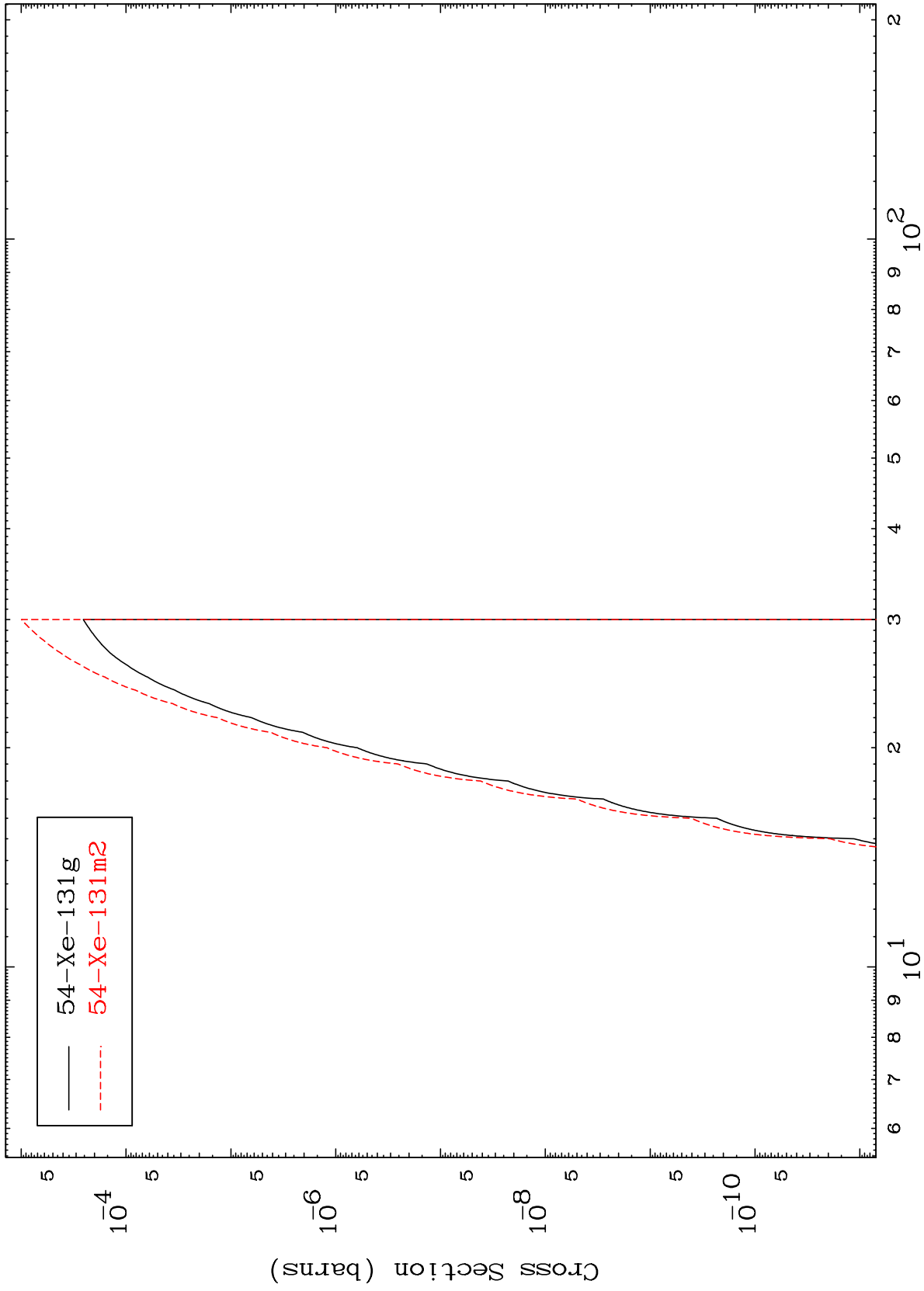
56-Ba-133

MAT 5635

(n, He-3)

56-Ba-133

Radionuclide Production Cross Section



28

Incident Energy (MeV)

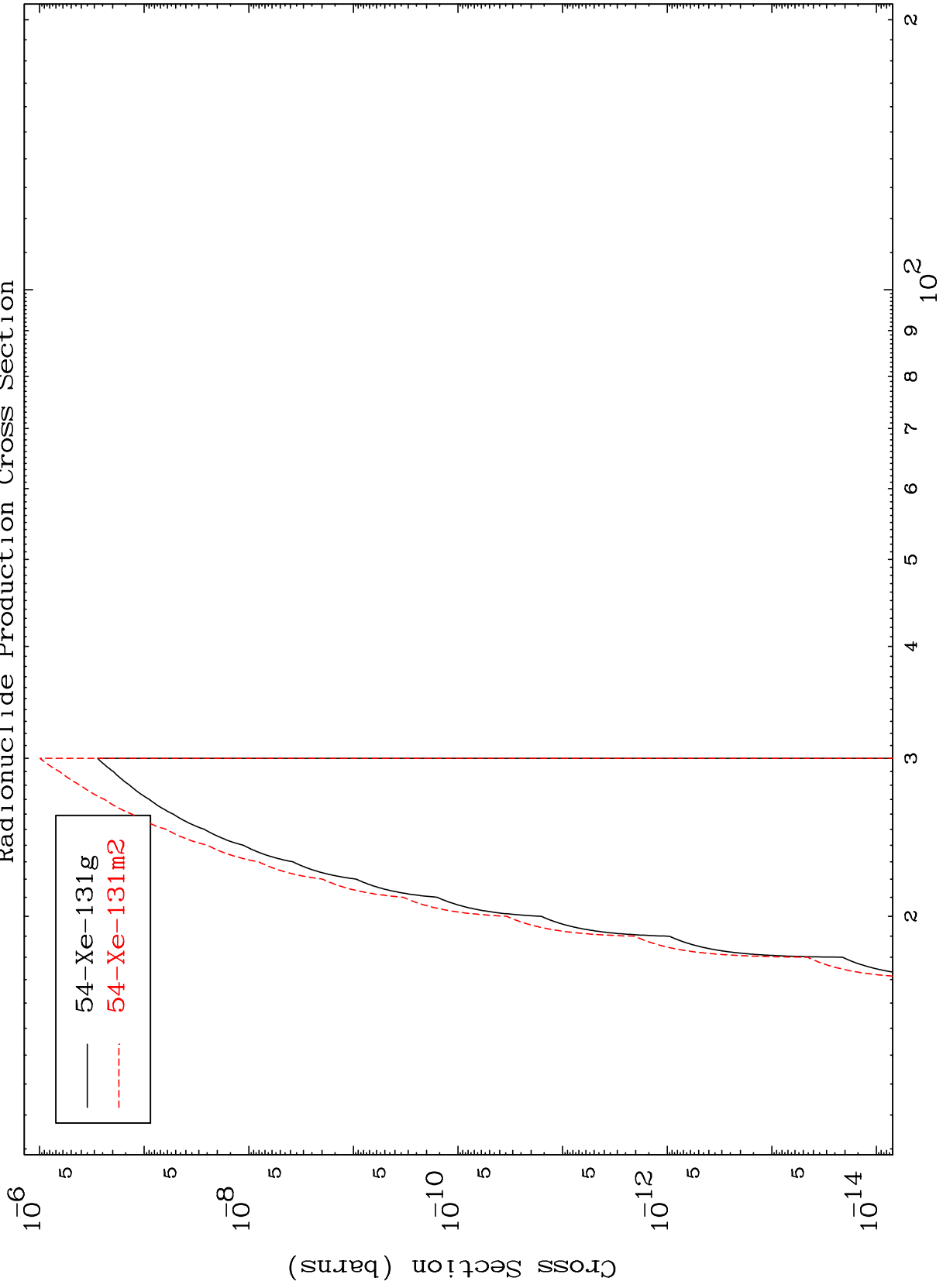
56-Ba-133

MAT 5635

(n,p) d

56-Ba-133

Radionuclide Production Cross Section



29

Incident Energy (MeV)

56-Ba-133