

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

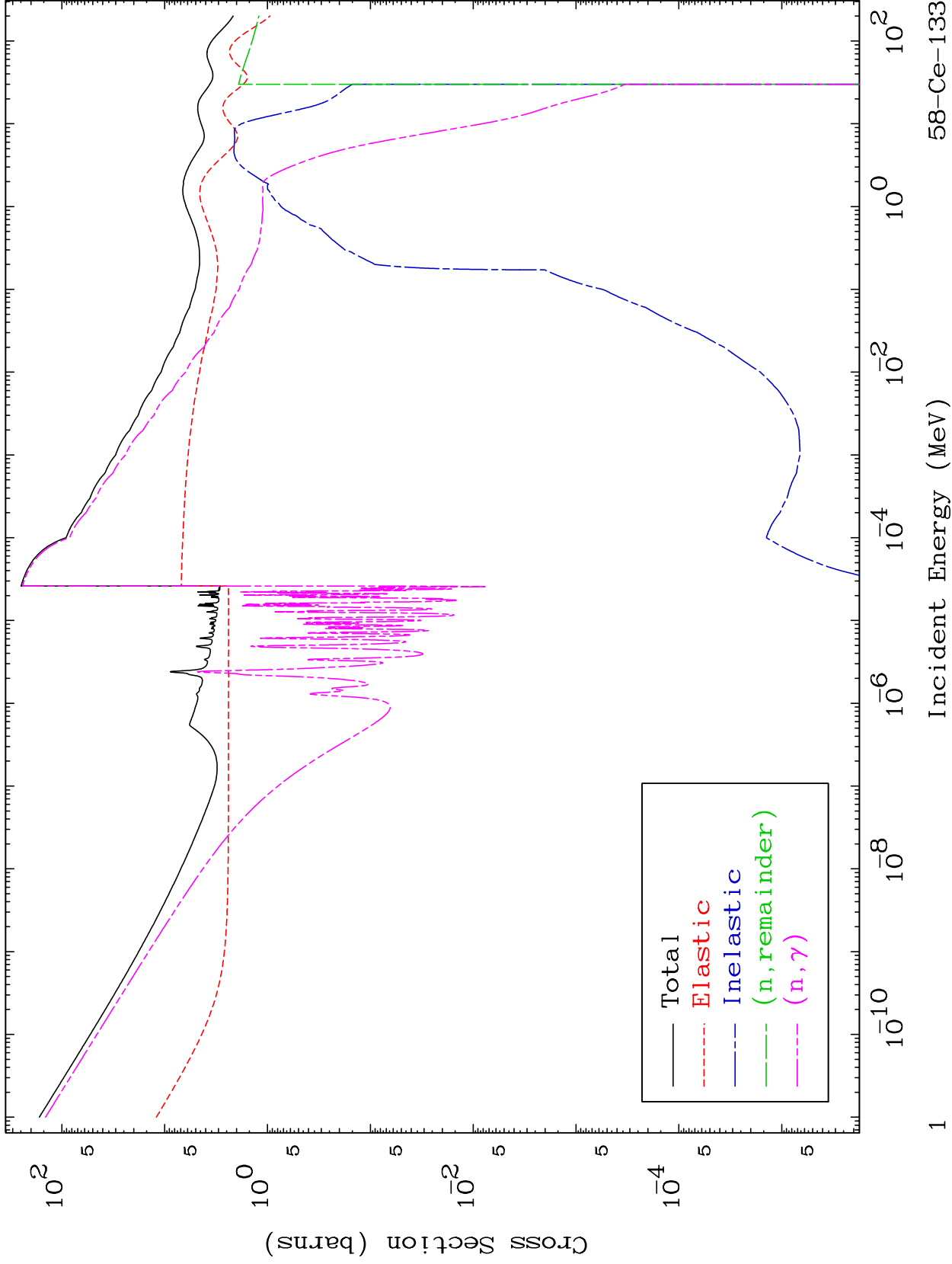
Press Mouse Button to Start

MAT 5817

Major

293 Kelvin Cross Sections

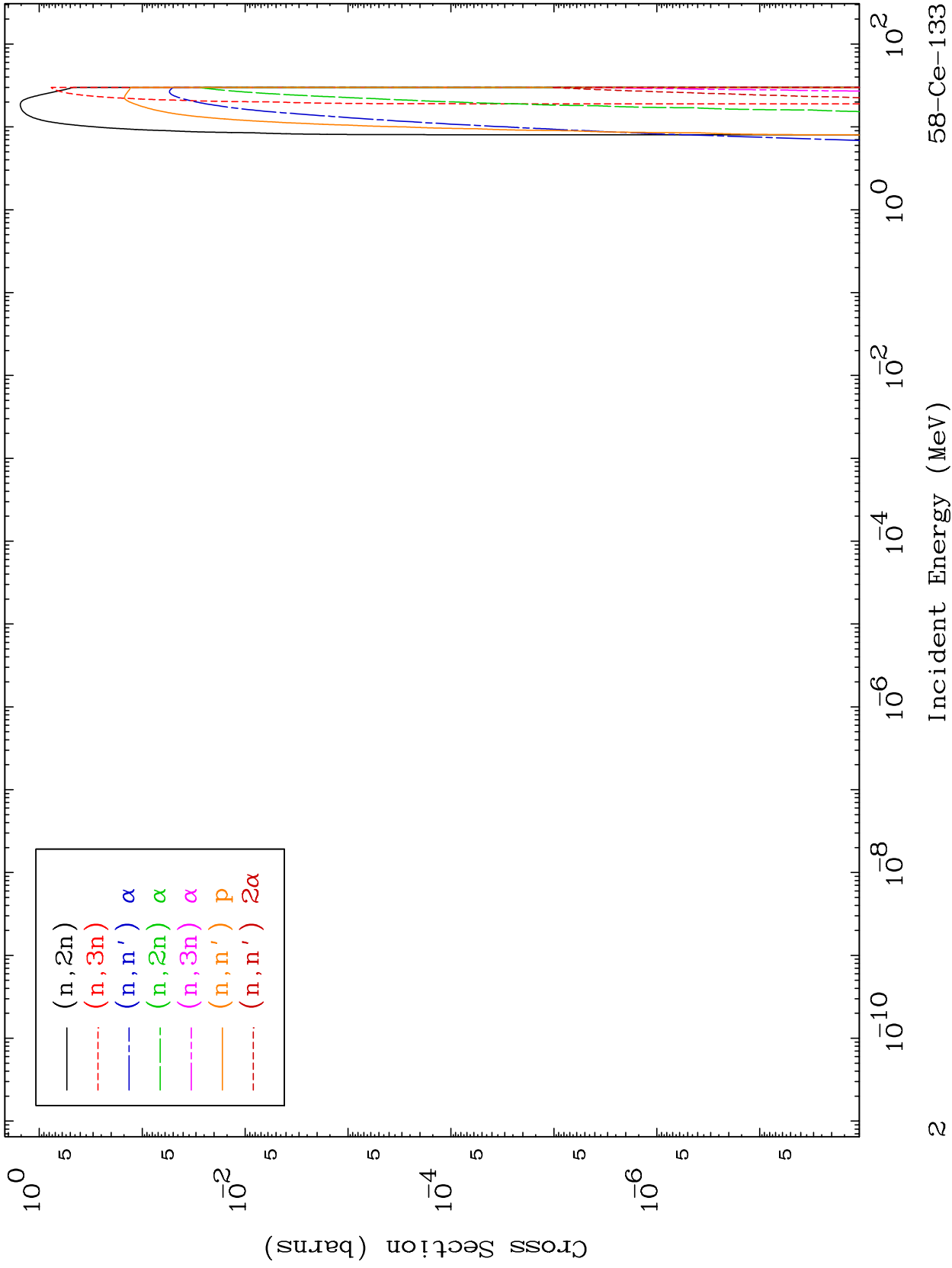
58-Ce-133

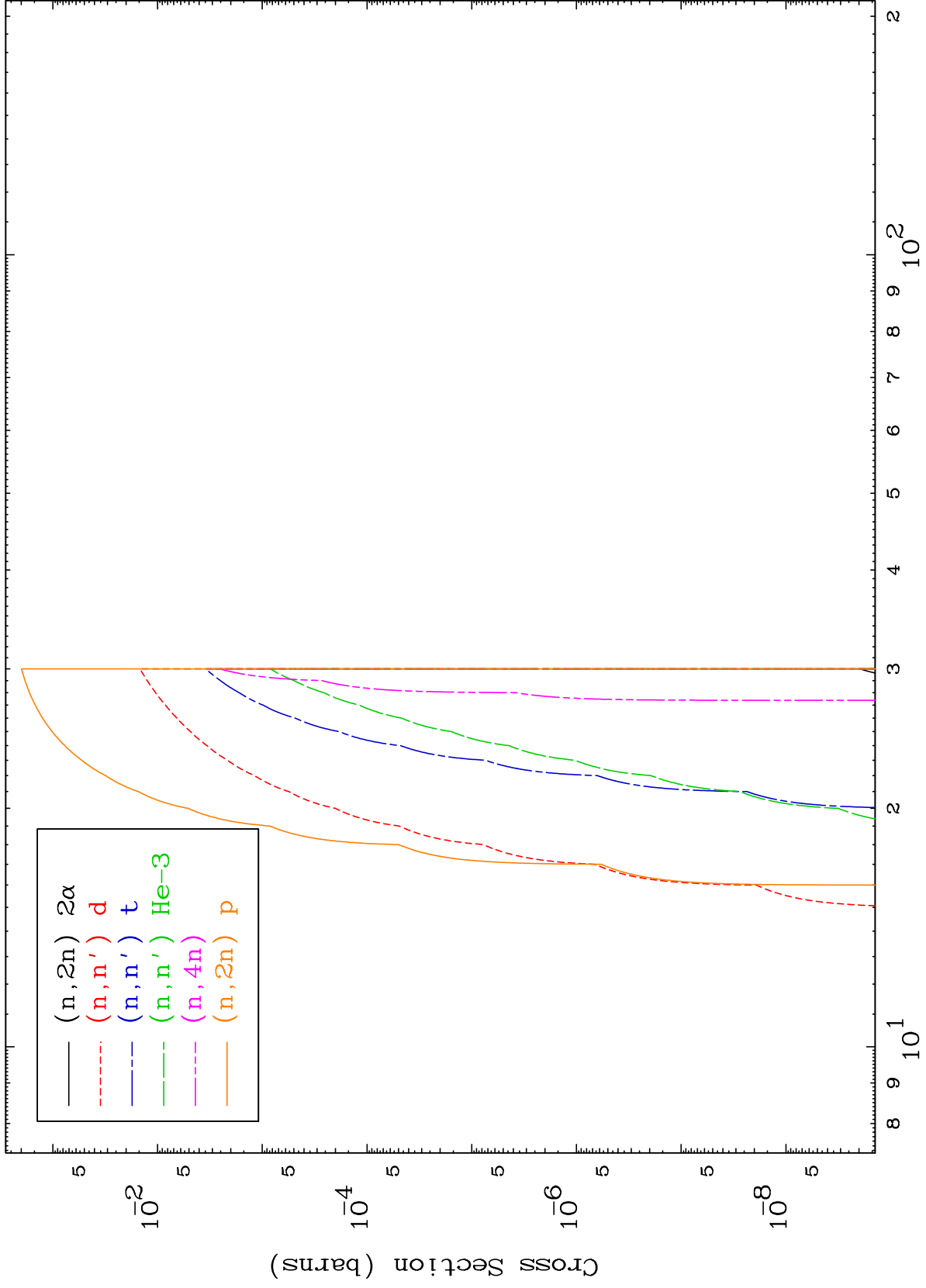


MAT 5817

Neutron Production
293 Kelvin Cross Sections

58-Ce-133

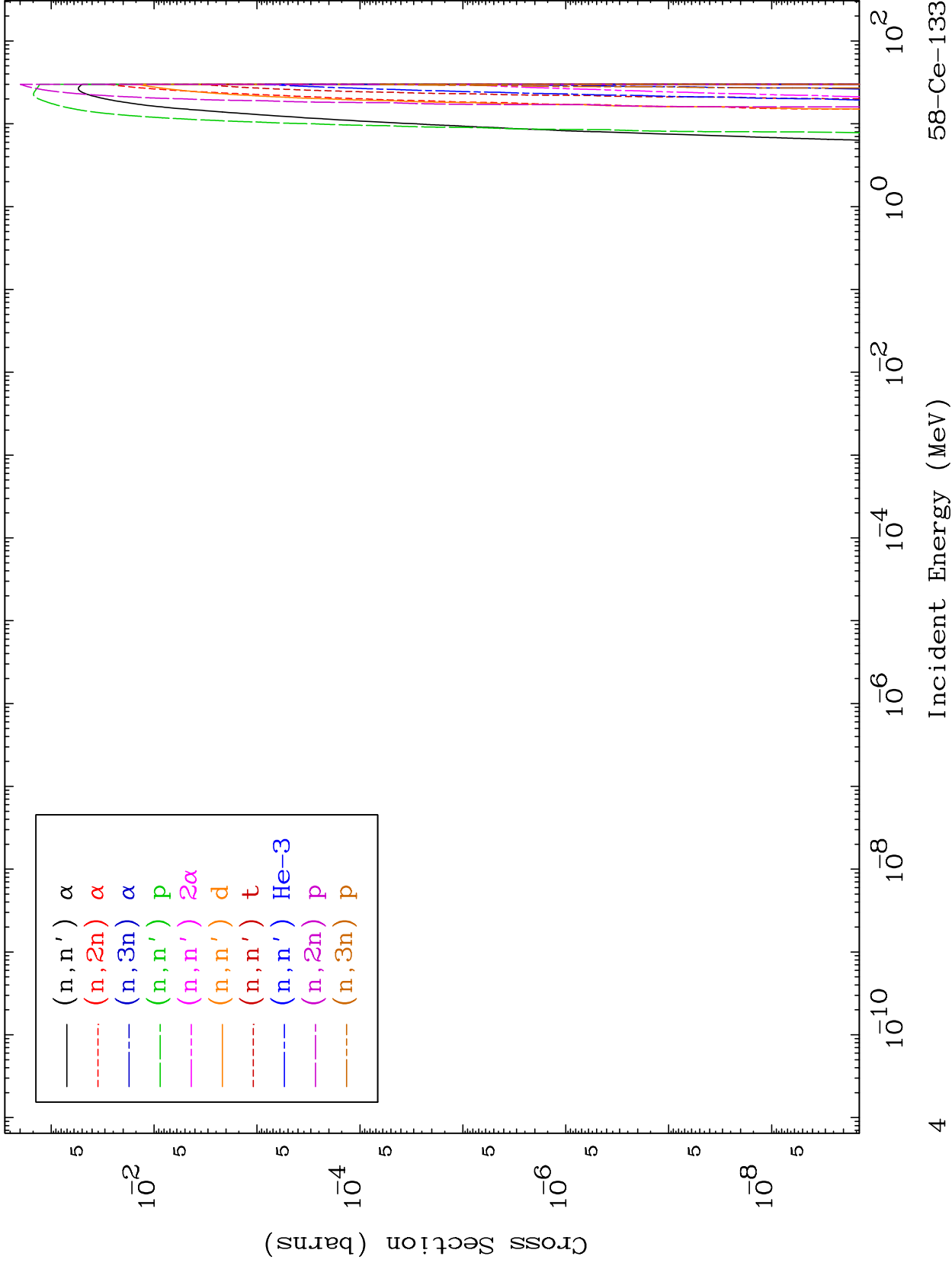




MAT 5817

Charged Particle
293 Kelvin Cross Sections

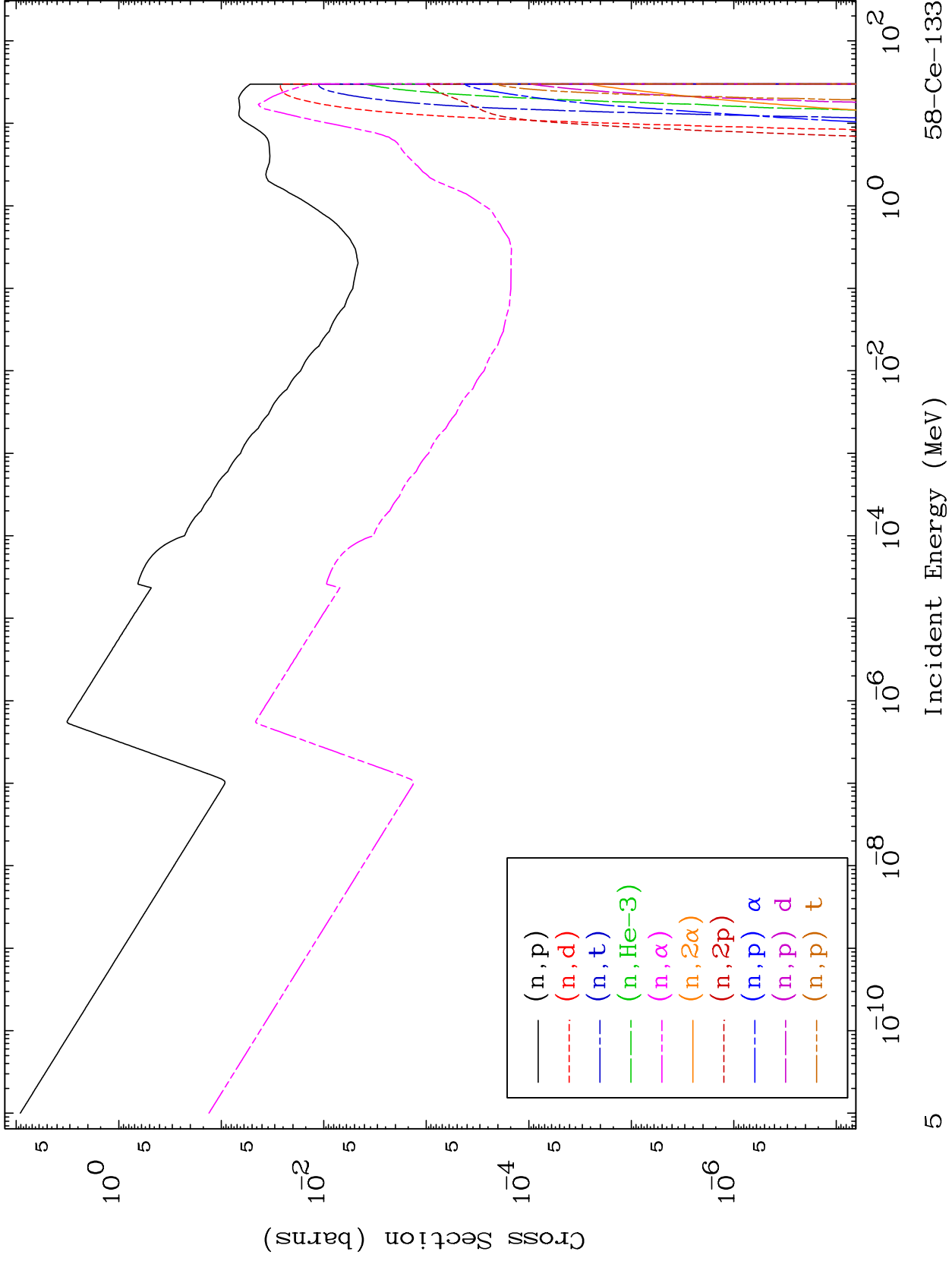
58-Ce-133



MAT 5817

Charged Particle
293 Kelvin Cross Sections

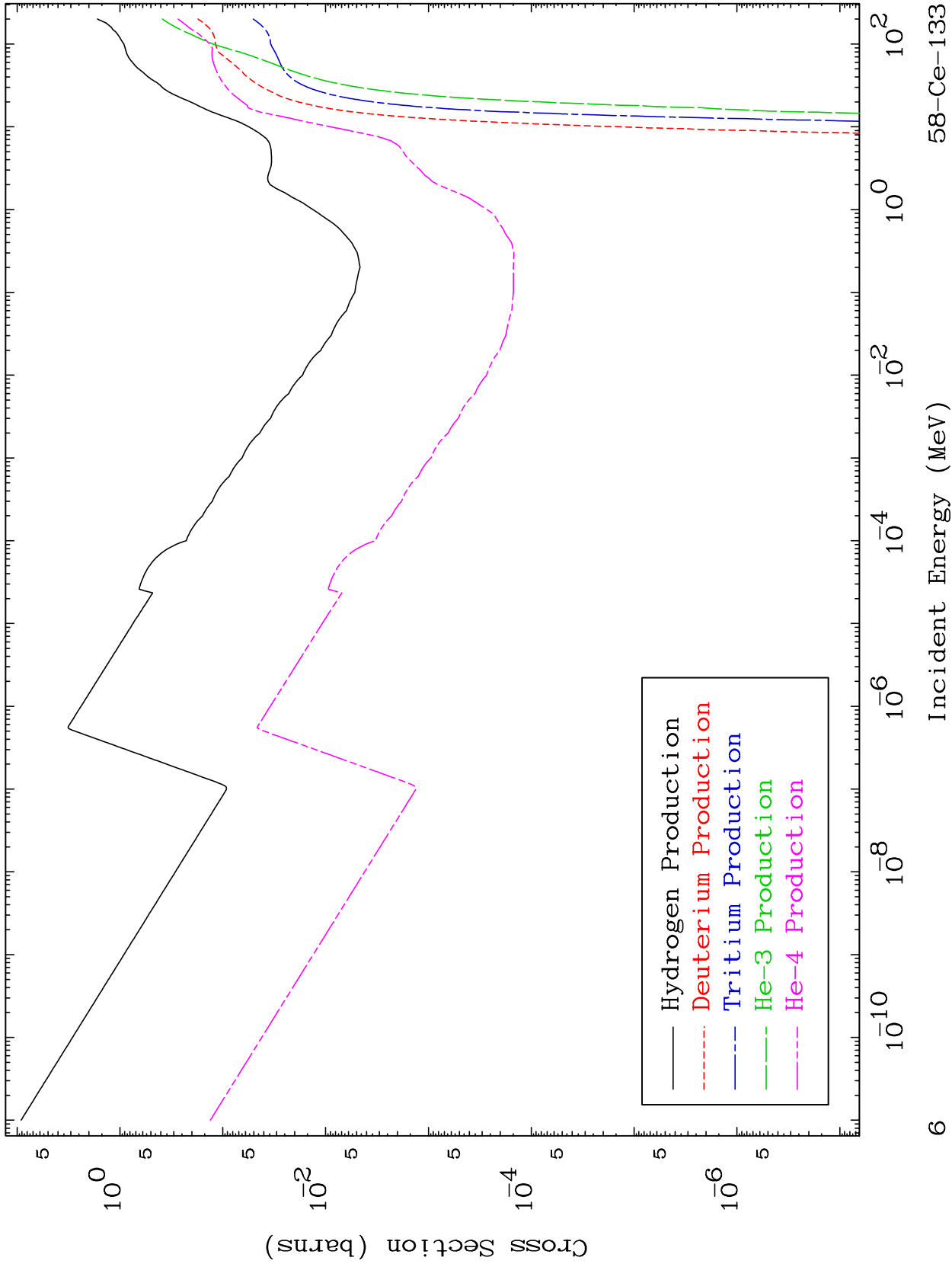
58-Ce-133



MAT 5817

Particle Production
293 Kelvin Cross Sections

58-Ce-133

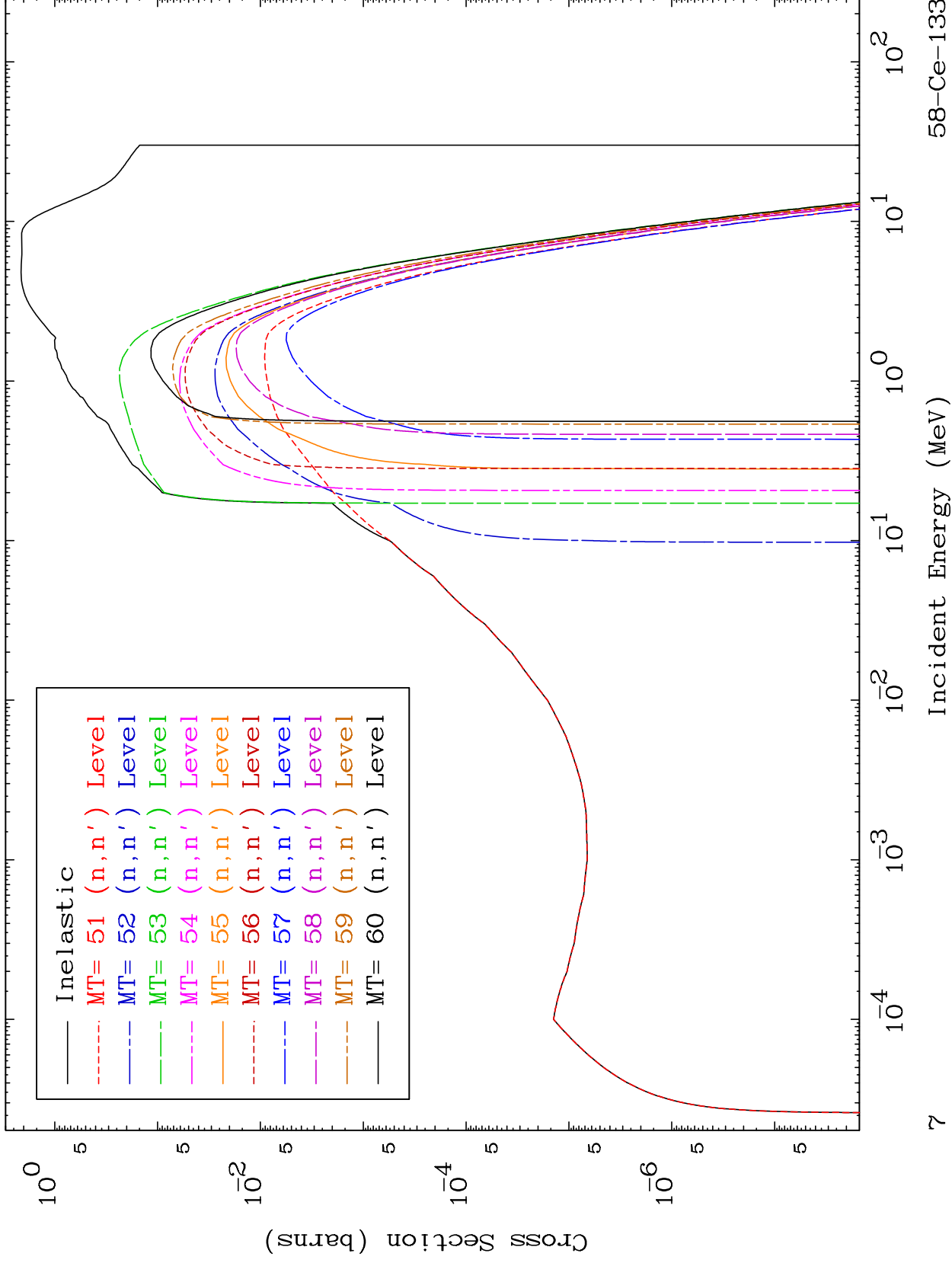


MAT 5817

(n,n') Level

58-Ce-133

293 Kelvin Cross Sections

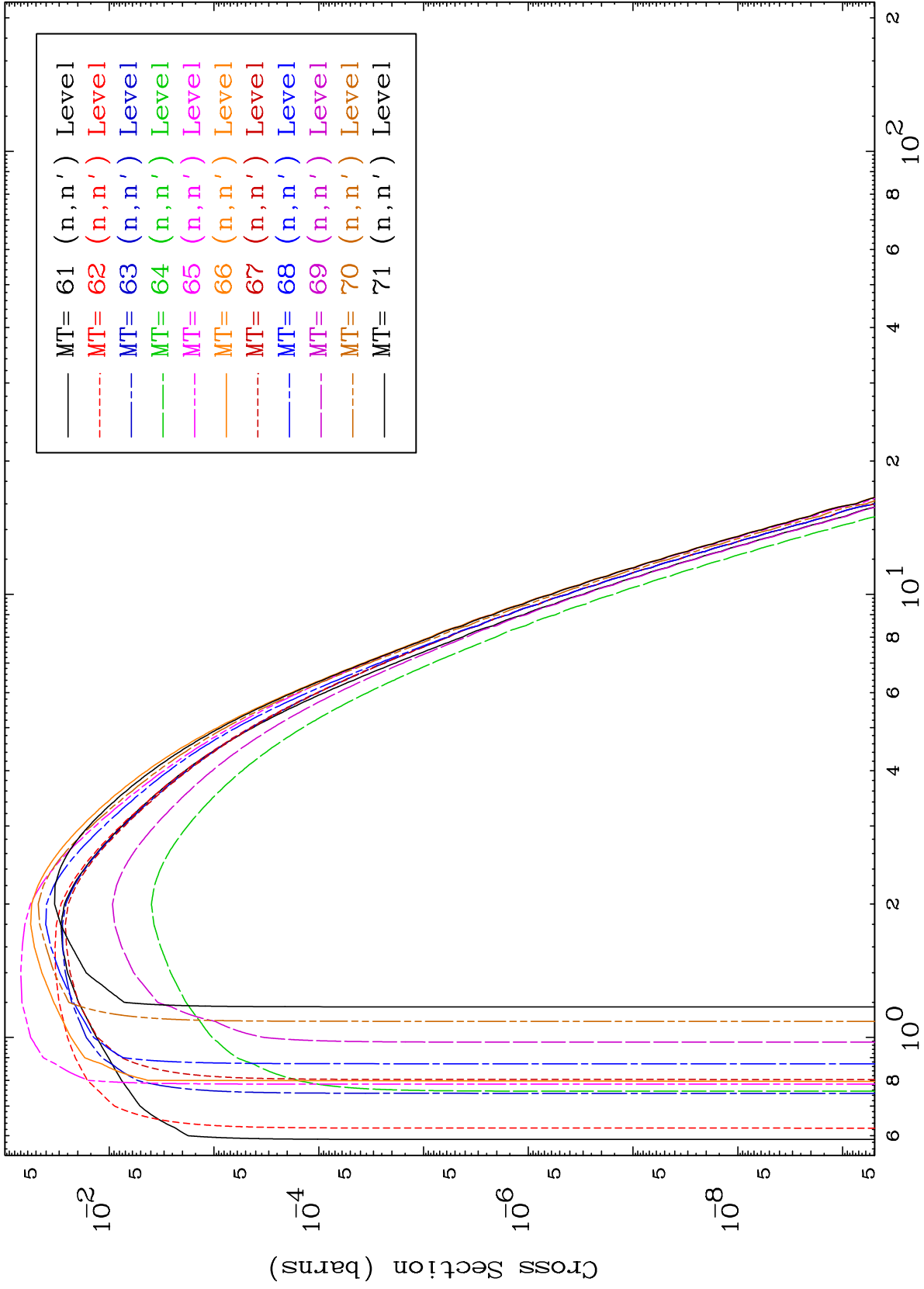


MAT 5817

(n,n') Level

58-Ce-133

293 Kelvin Cross Sections

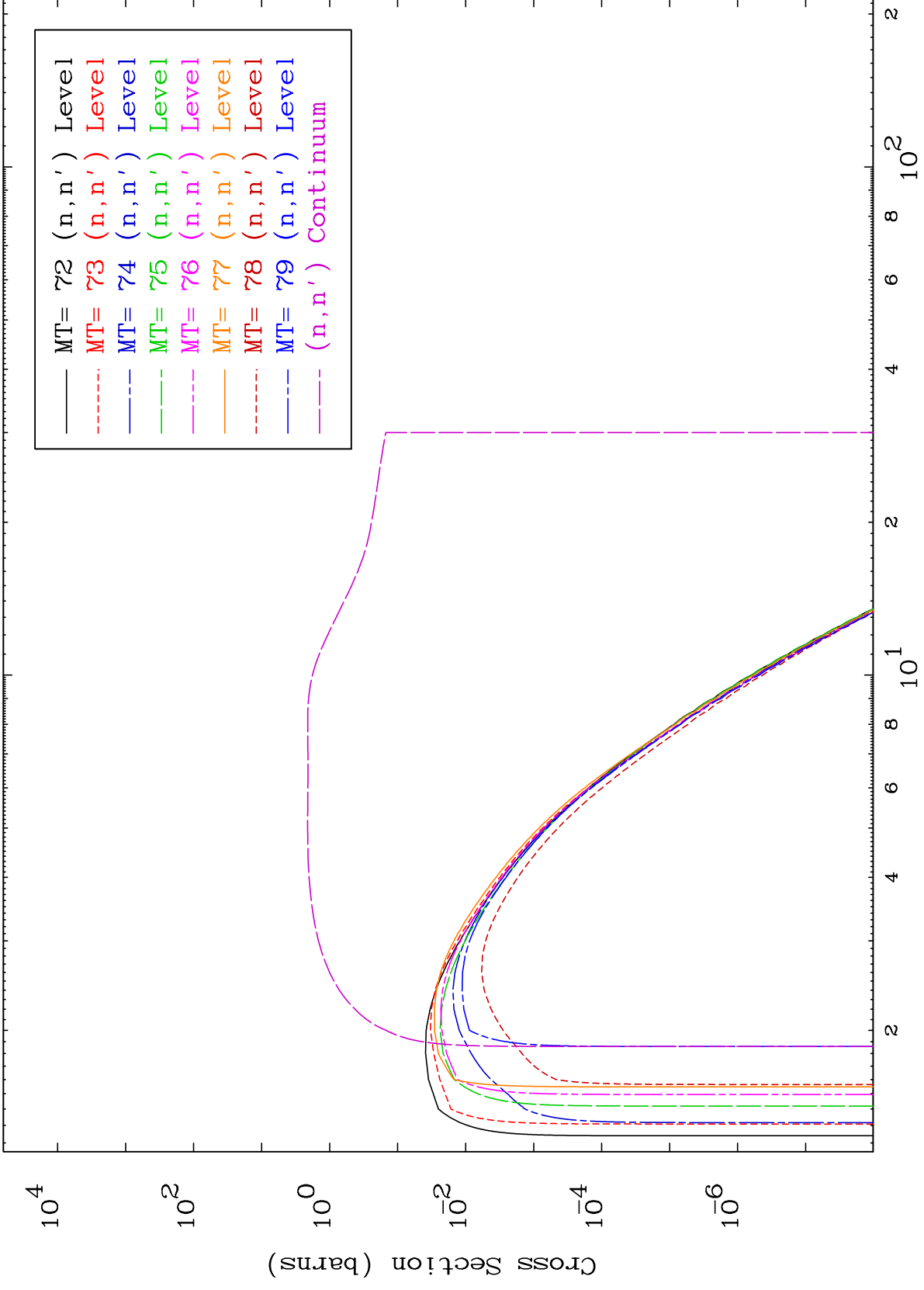


Incident Energy (MeV)

58-Ce-133

8

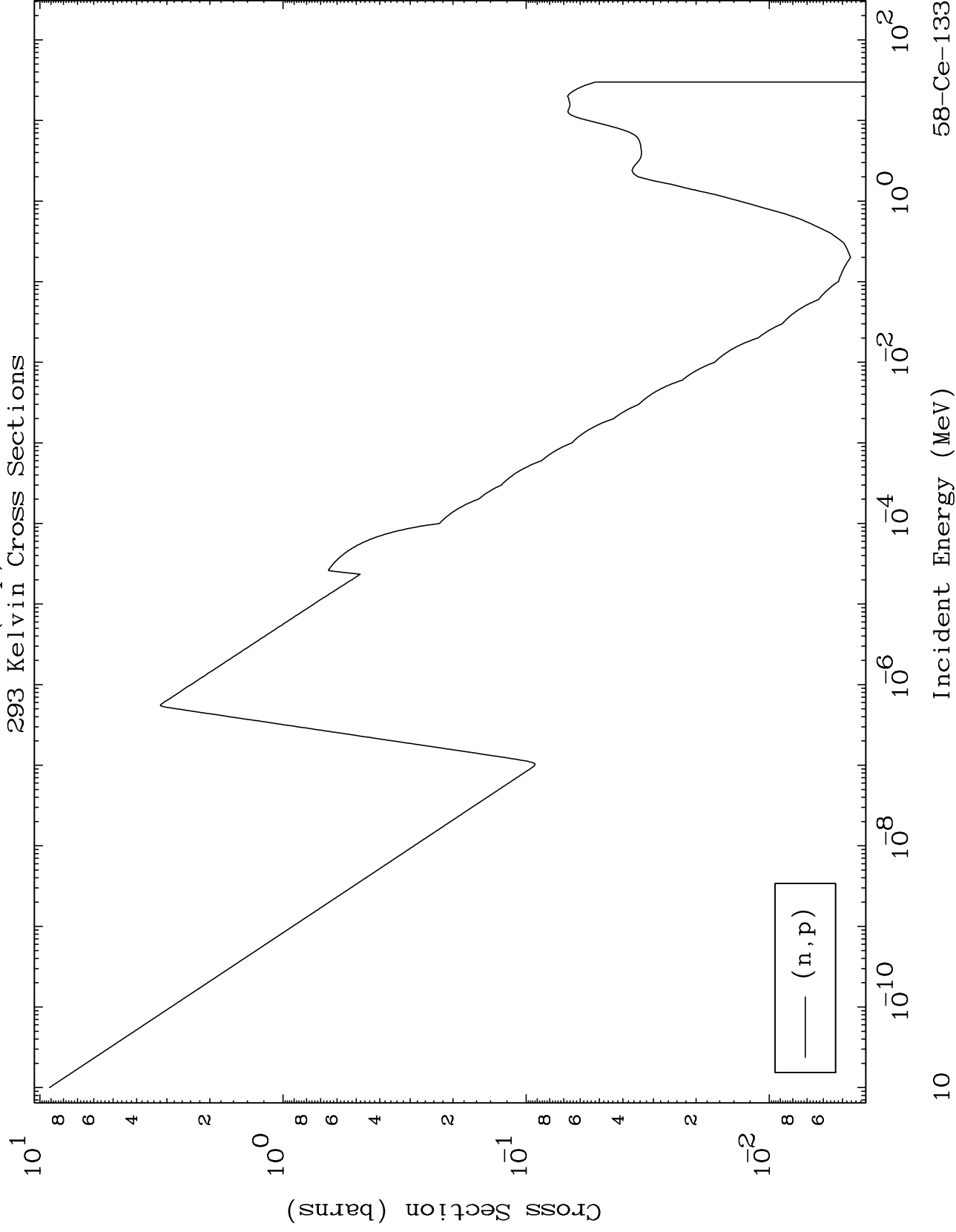
293 Kelvin Cross Sections



MAT 5817

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-133



10

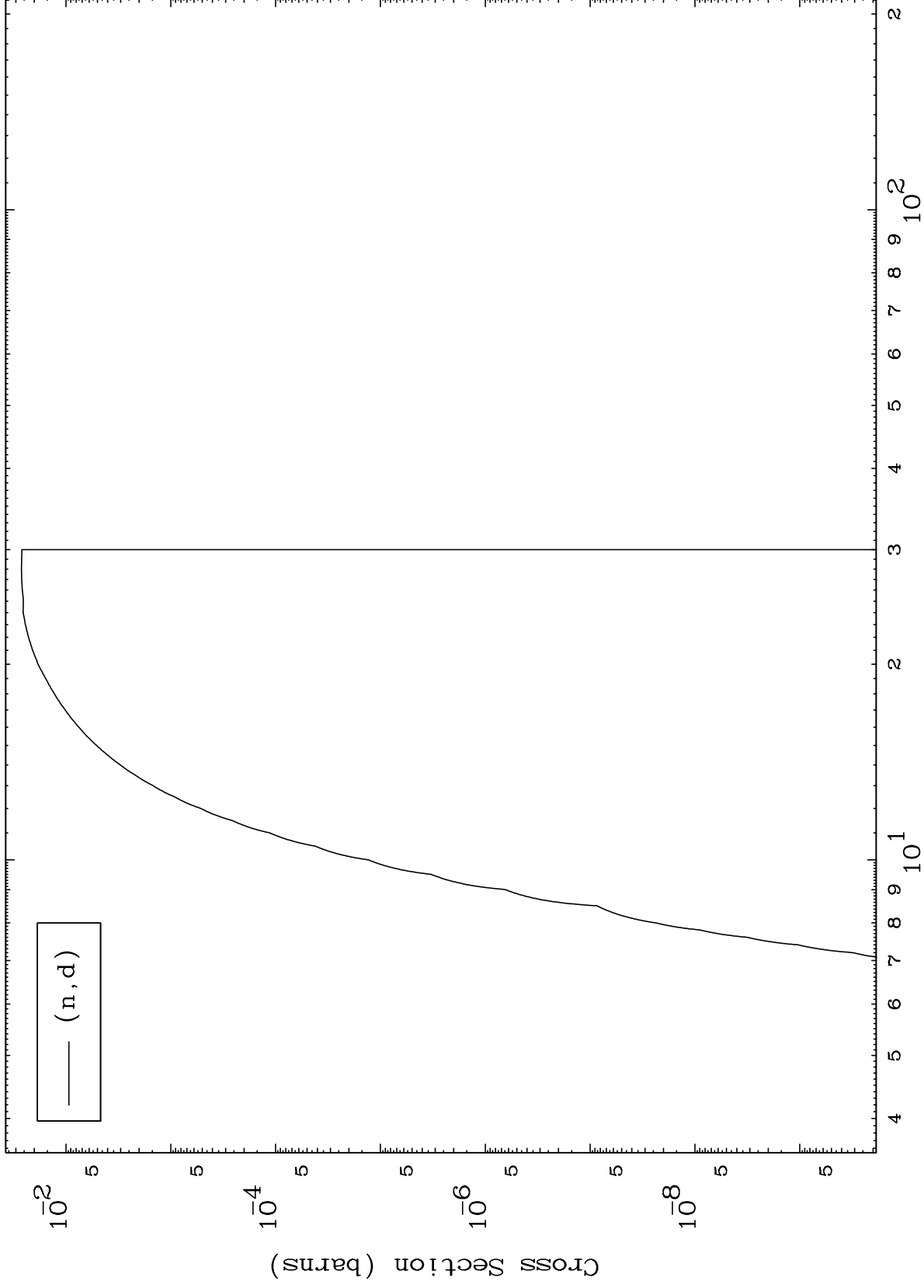
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-133



11

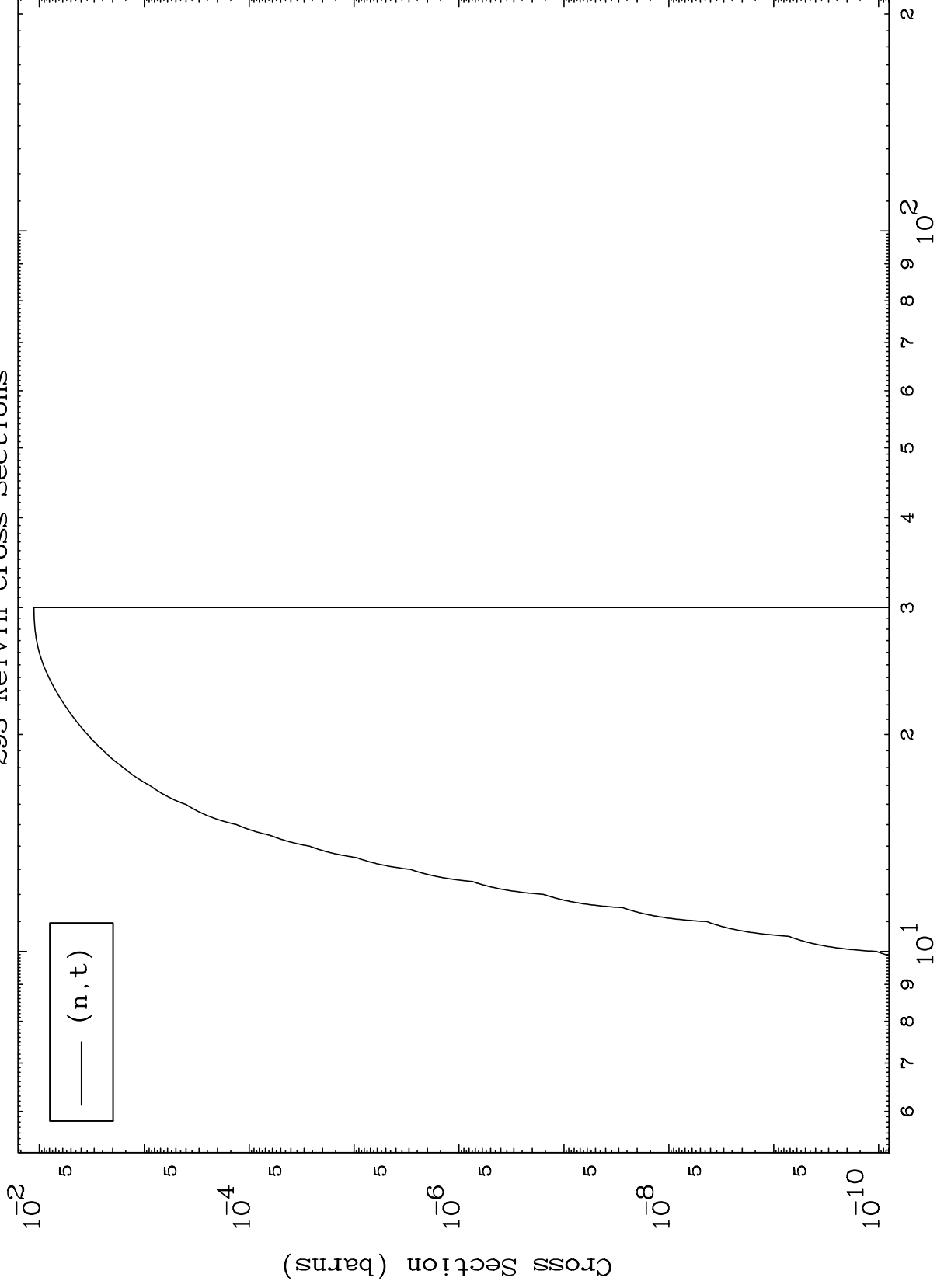
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-133



12

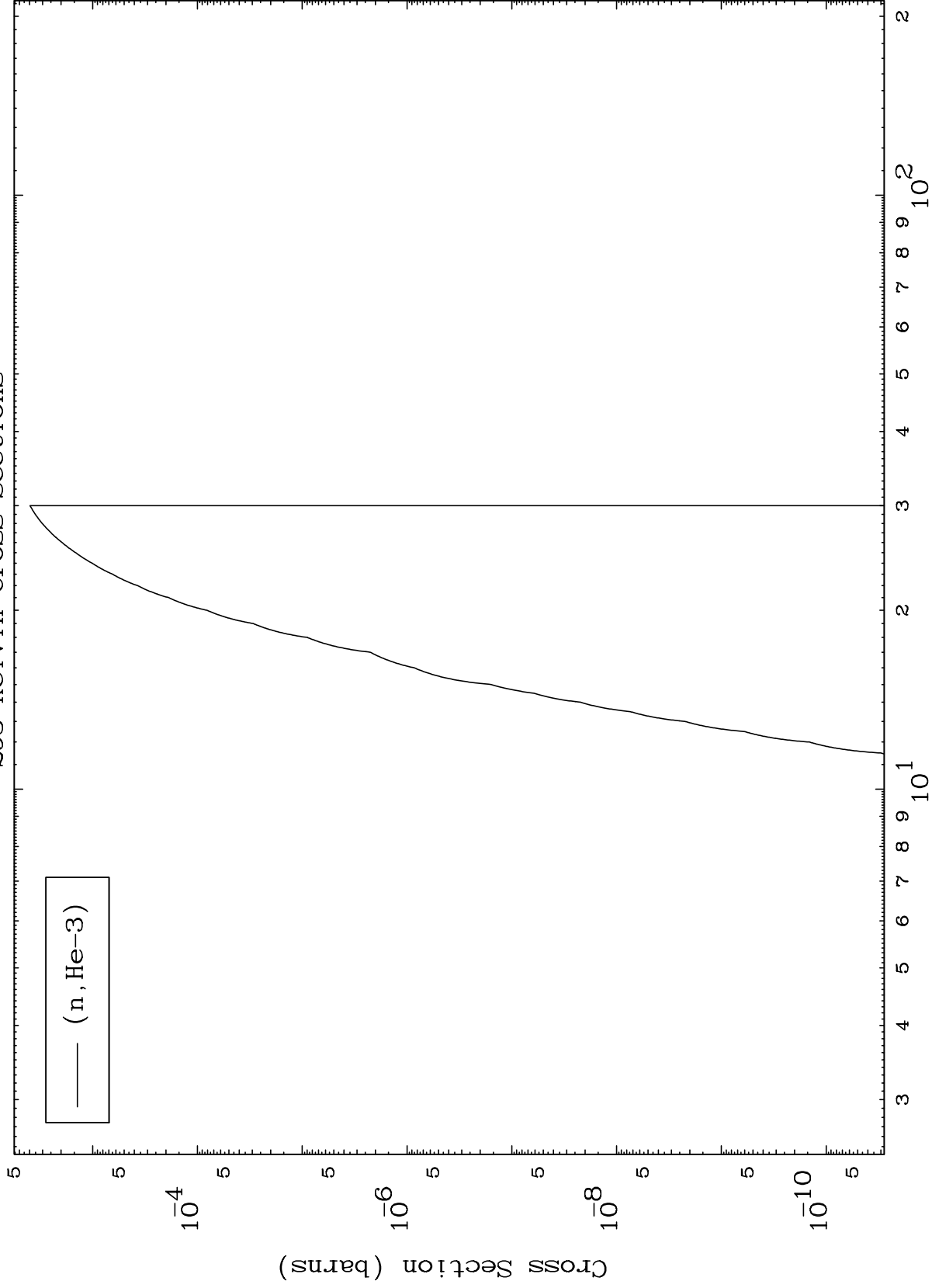
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-133



13

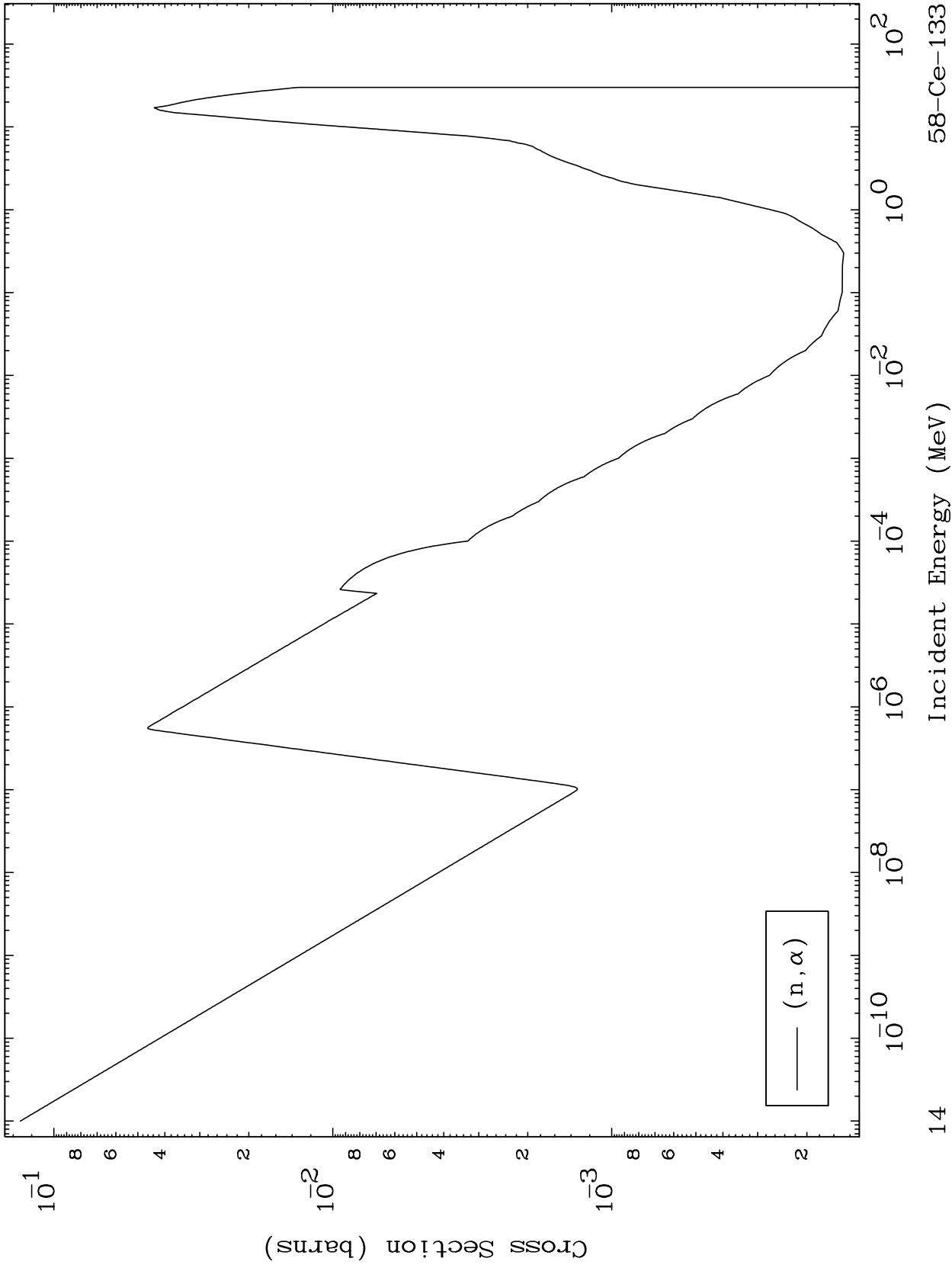
Incident Energy (MeV)

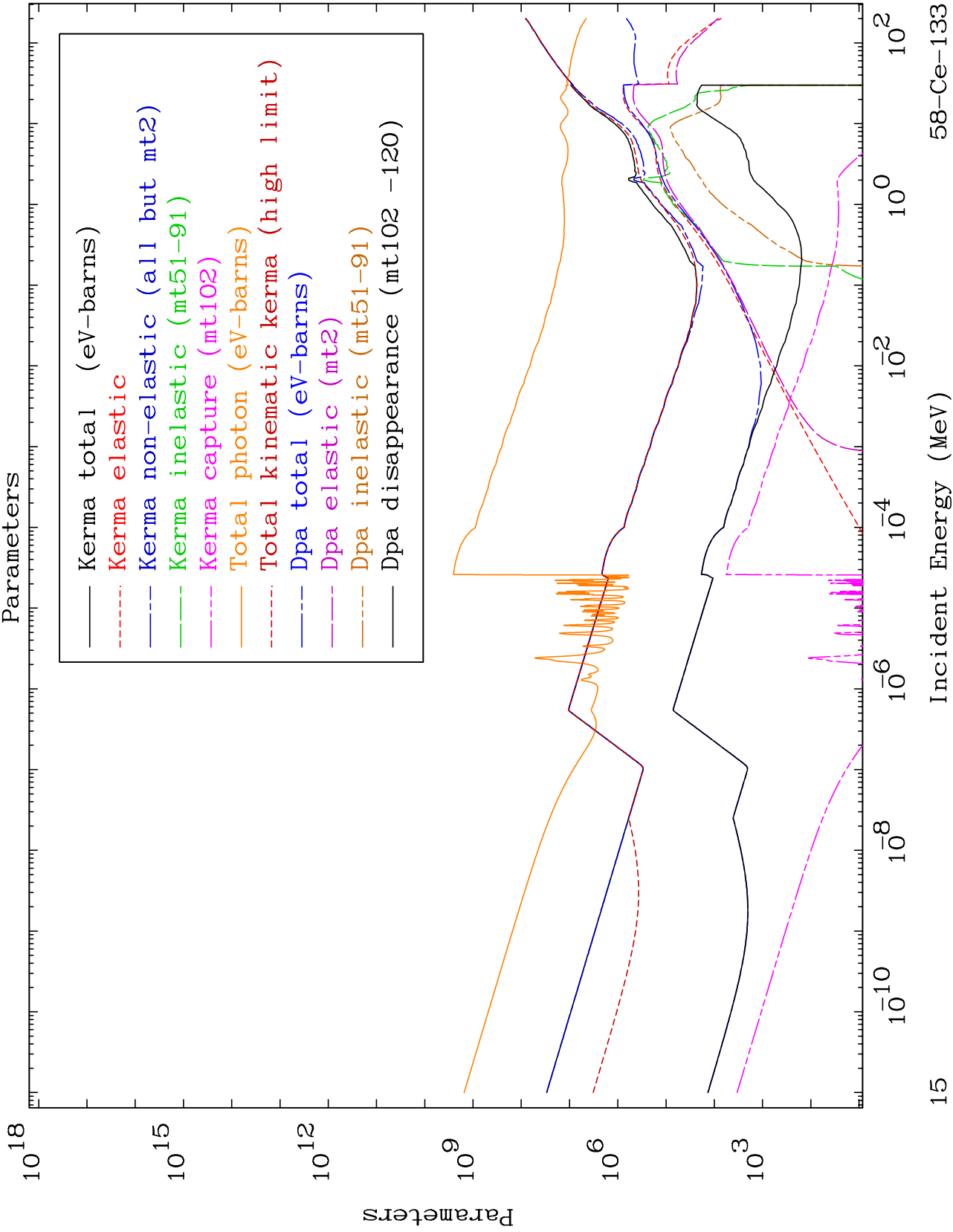
58-Ce-133

MAT 5817

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-133

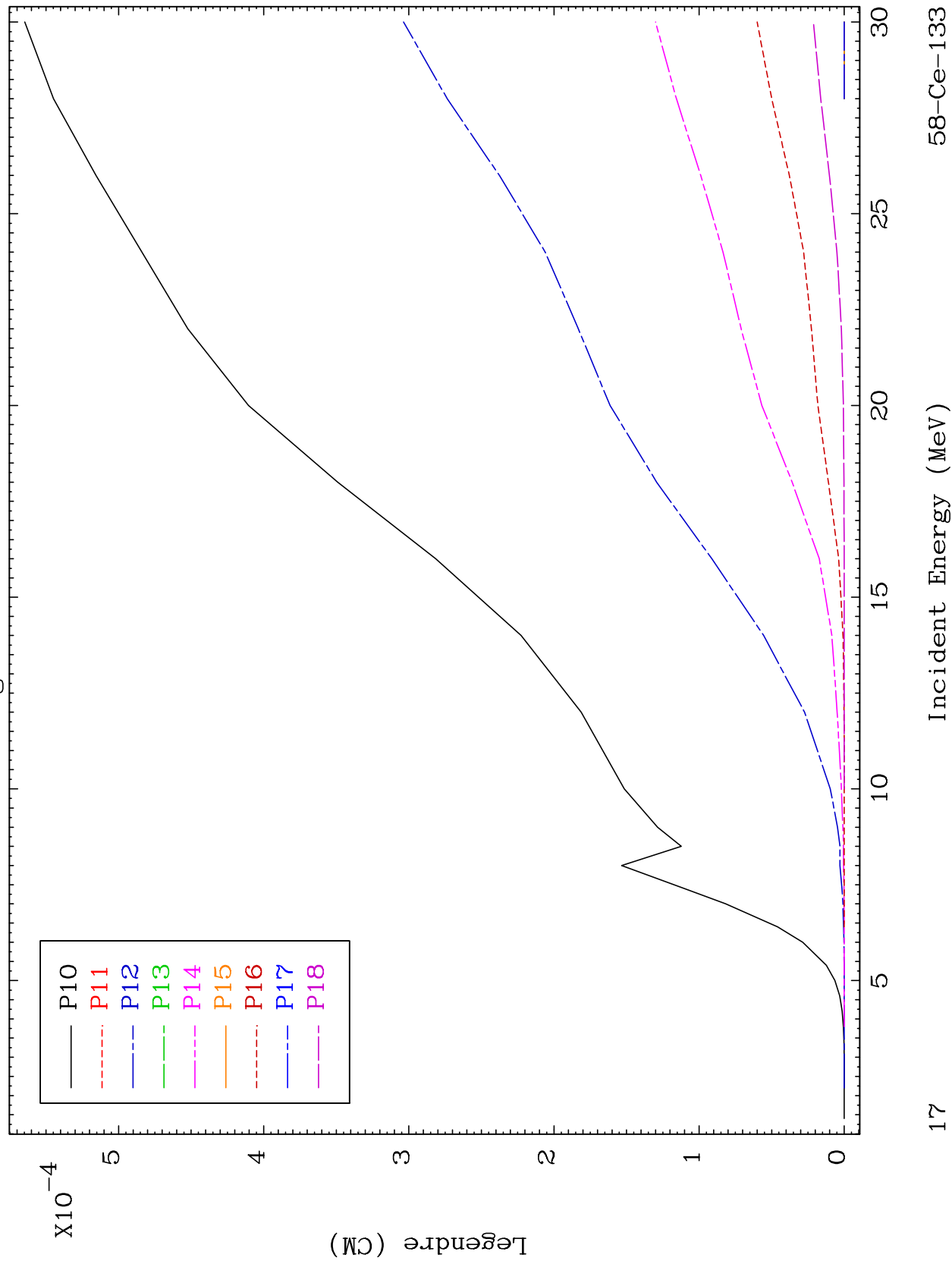




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Elastic Legendre Coefficients

58-Ce-133



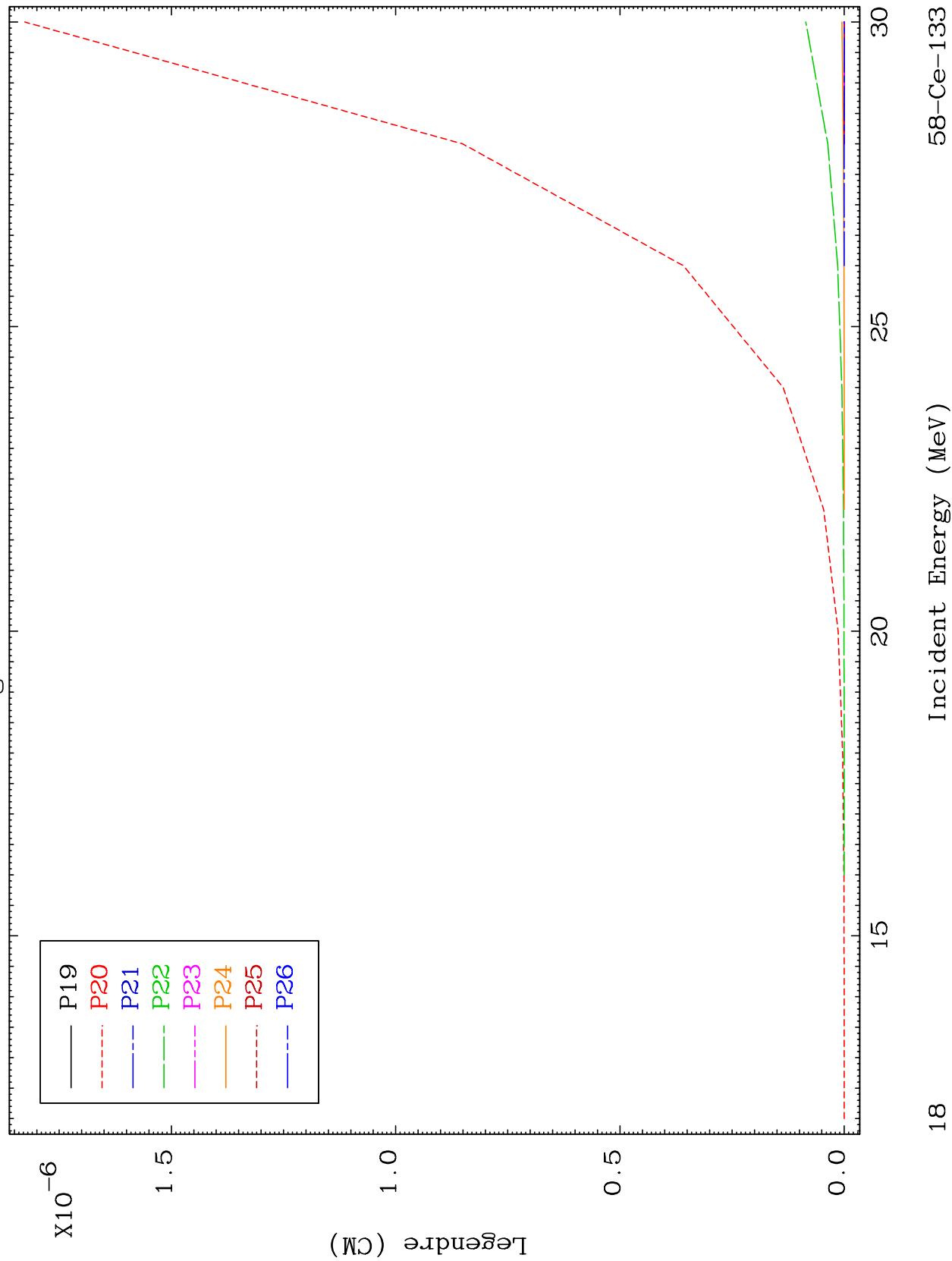
17

58-Ce-133

MAT 5817

Elastic Legendre Coefficients

58-Ce-133



18

Incident Energy (MeV)

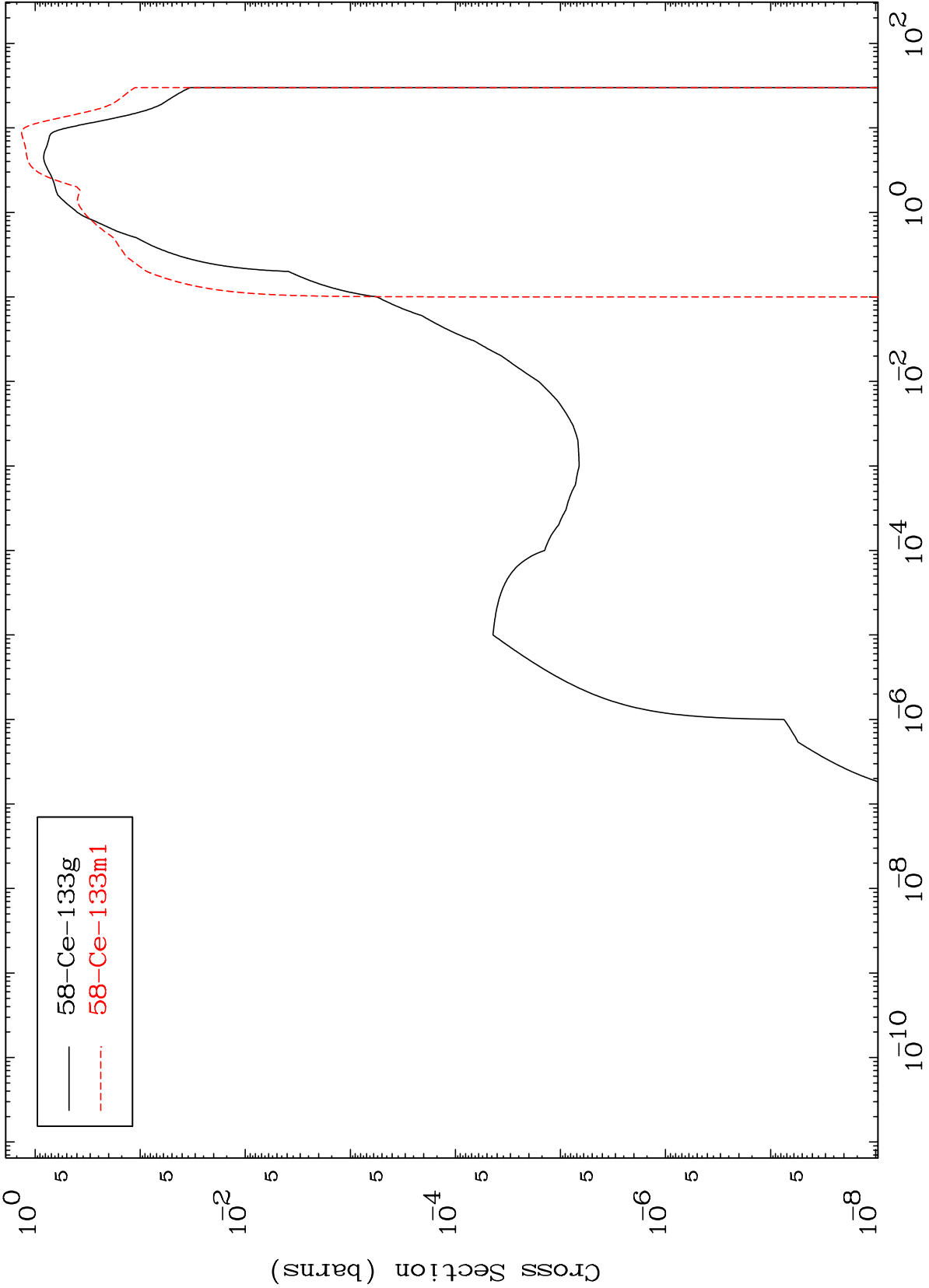
58-Ce-133

MAT 5817

Inelastic

58-Ce-133

Radionuclide Production Cross Section

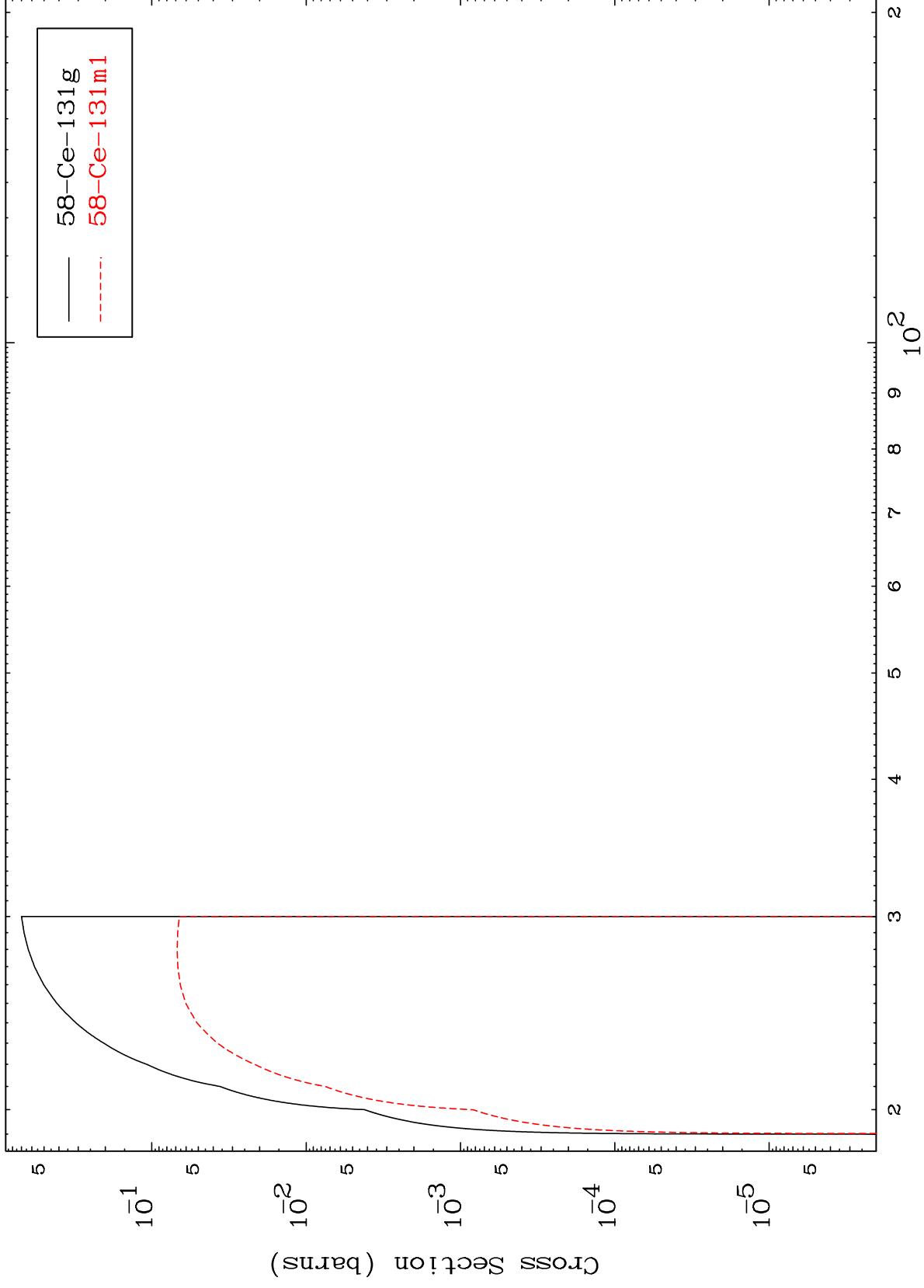


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(n,3n)

58-Ce-133

Radionuclide Production Cross Section



20

Incident Energy (MeV)

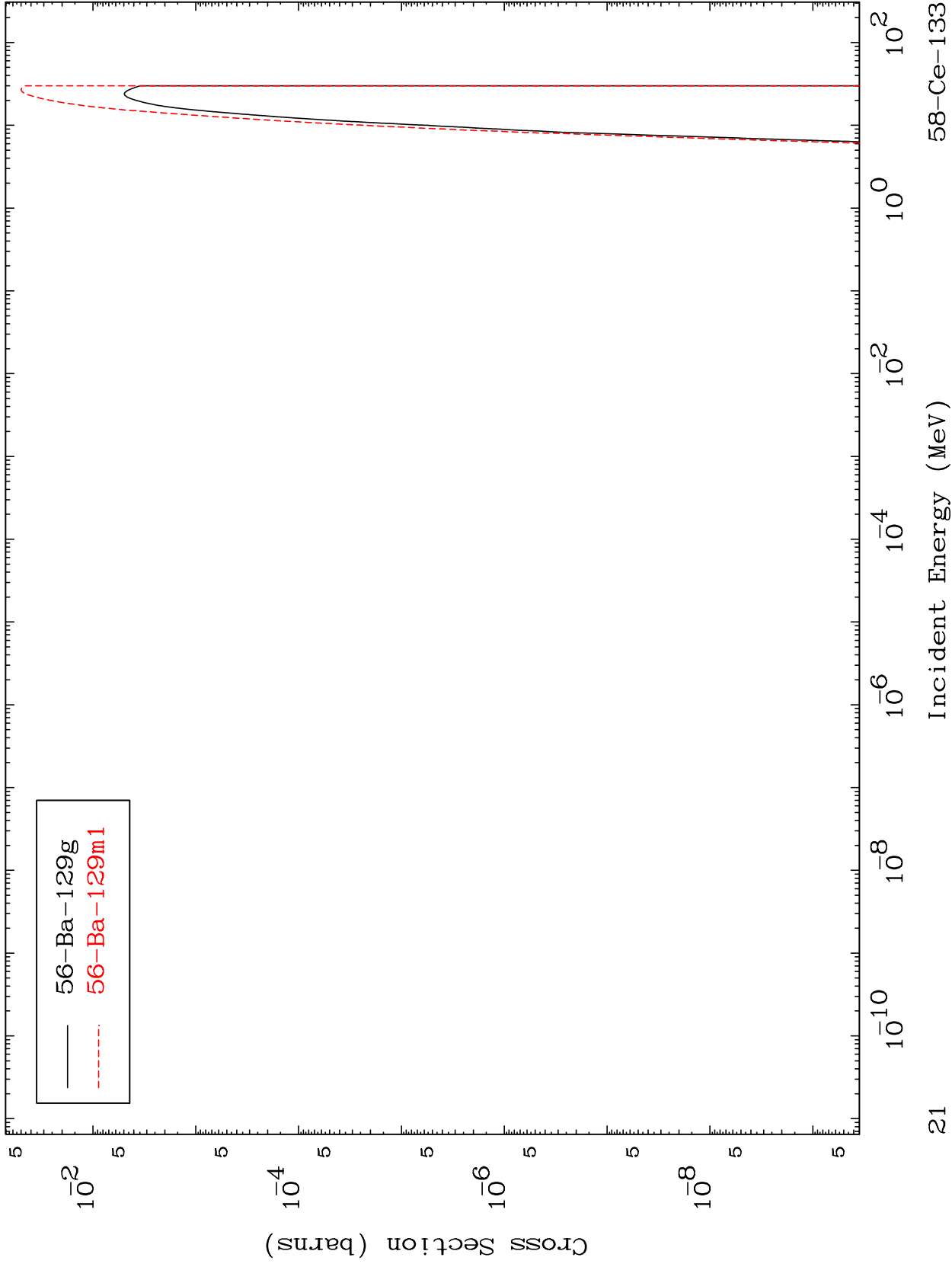
58-Ce-133

MAT 5817

$(n, n') \alpha$

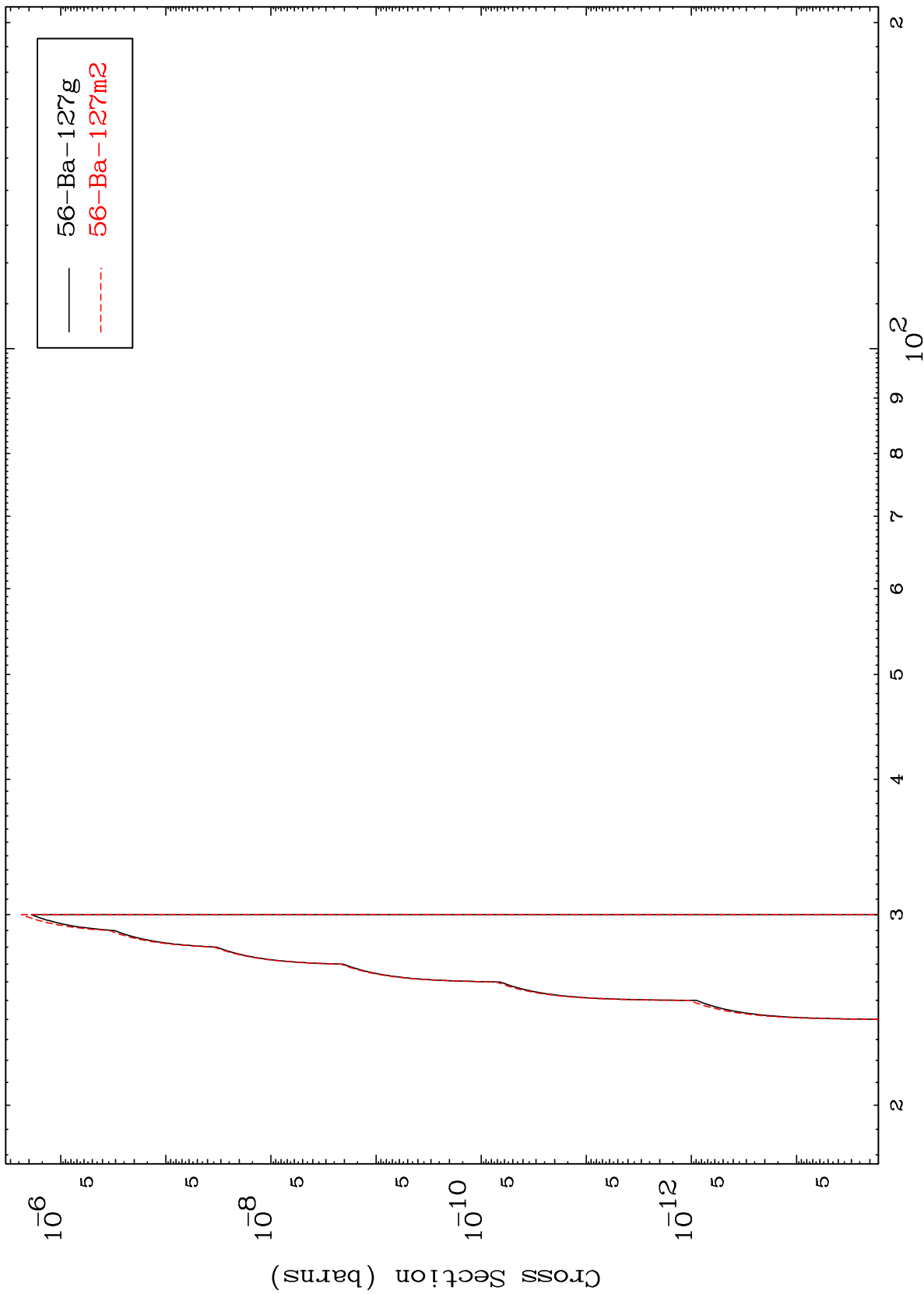
58-Ce-133

Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

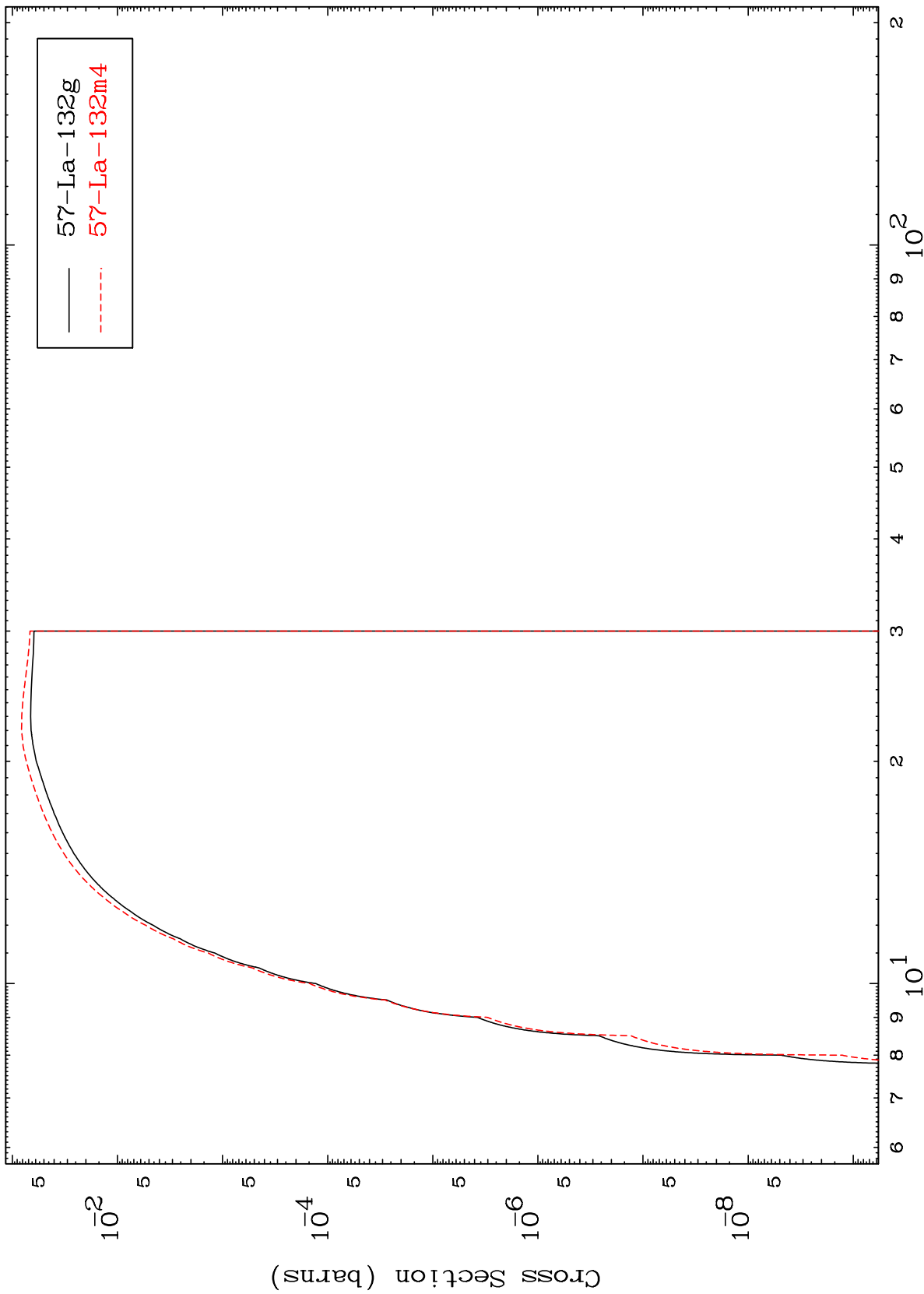
Radionuclide Production Cross Section



MAT 5817

58-Ce-133

(n, n') p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

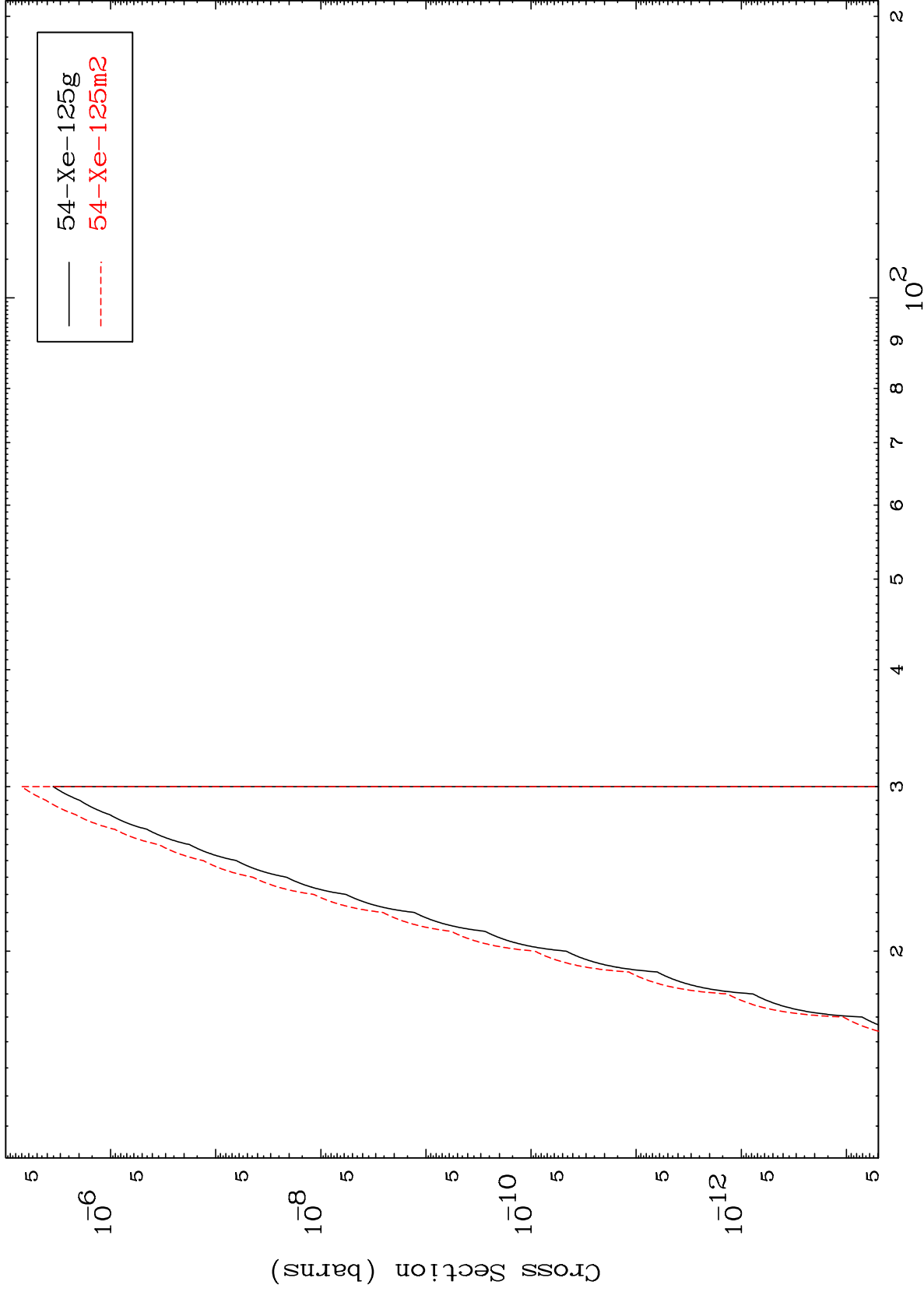
58-Ce-133

MAT 5817

(n,n') 2α

58-Ce-133

Radionuclide Production Cross Section



24

Incident Energy (MeV)

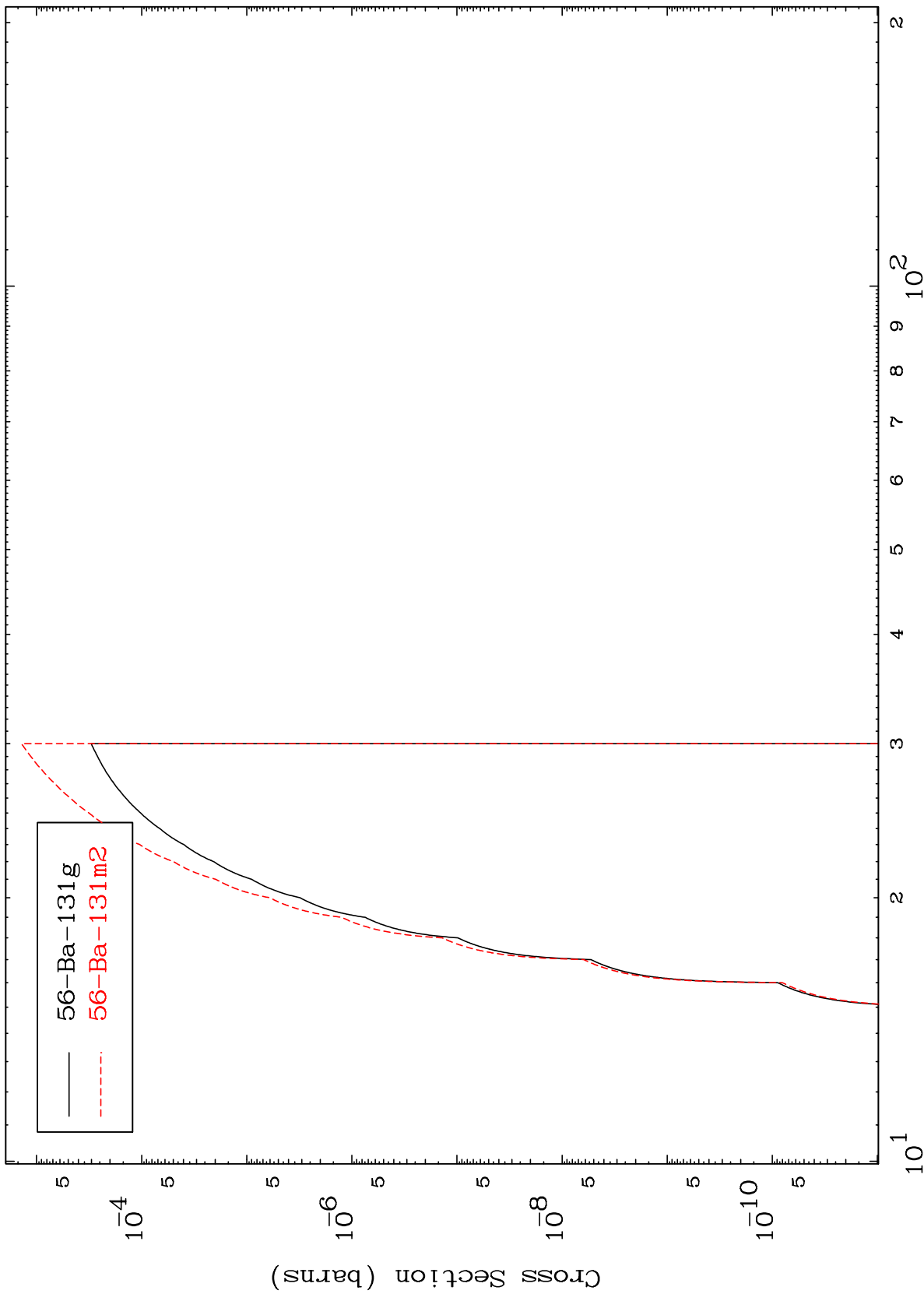
58-Ce-133

MAT 5817

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



Incident Energy (MeV)

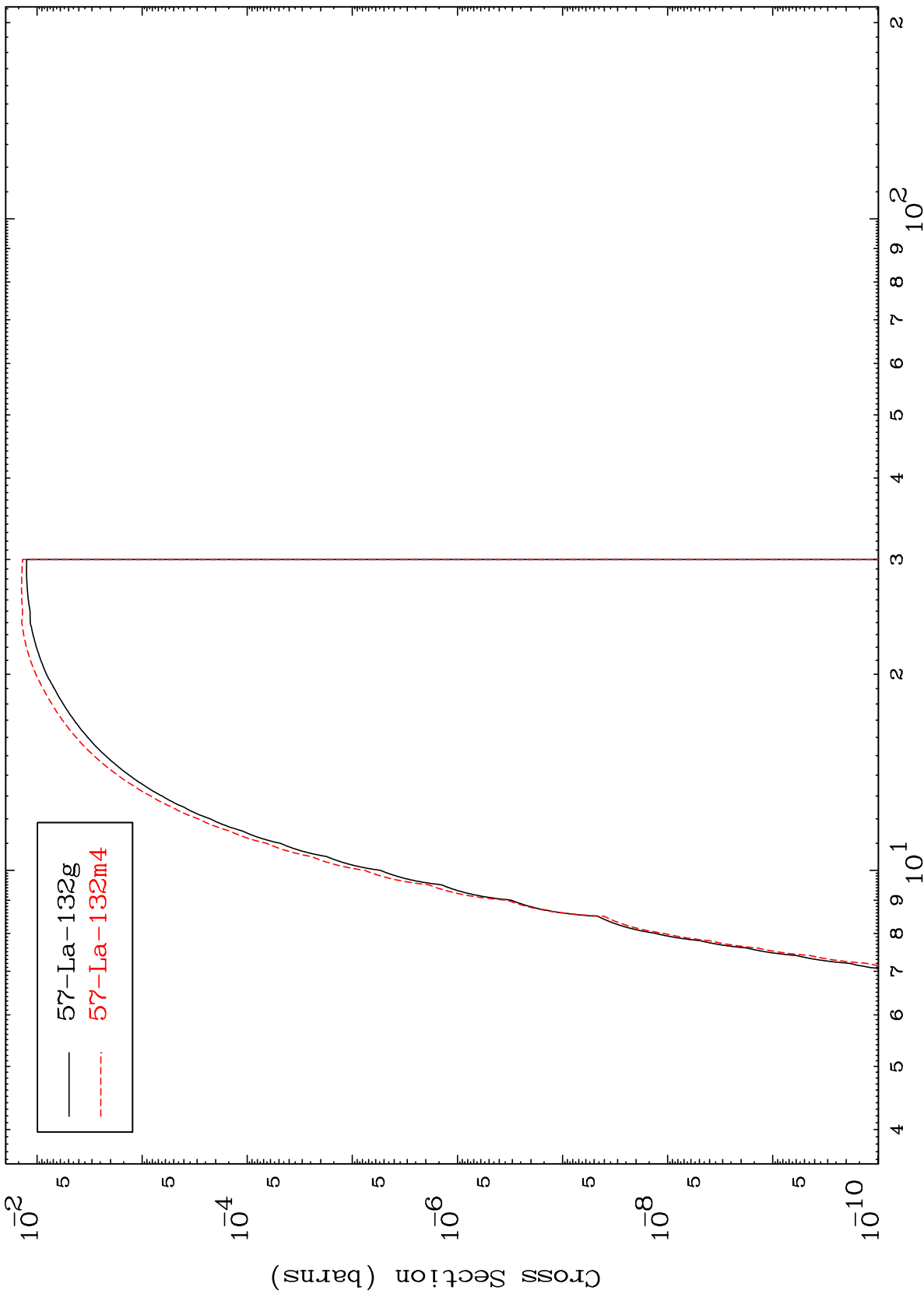
58-Ce-133

25

MAT 5817

58-Ce-133

(n,d)
Radionuclide Production Cross Section



— 57-La-132g
- - - 57-La-132m4

26

Incident Energy (MeV)

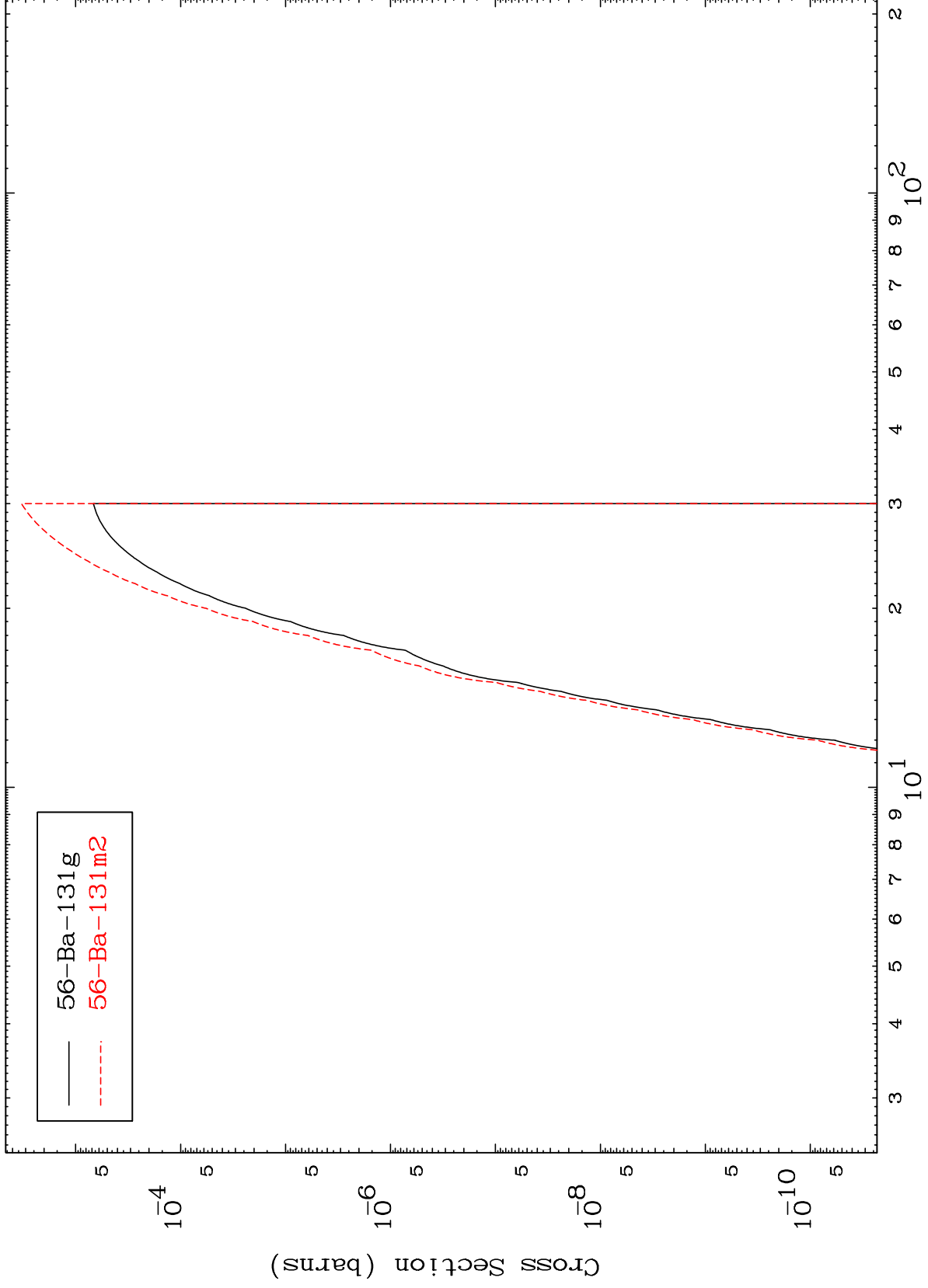
58-Ce-133

MAT 5817

(n,He-3)

58-Ce-133

Radionuclide Production Cross Section



27

Incident Energy (MeV)

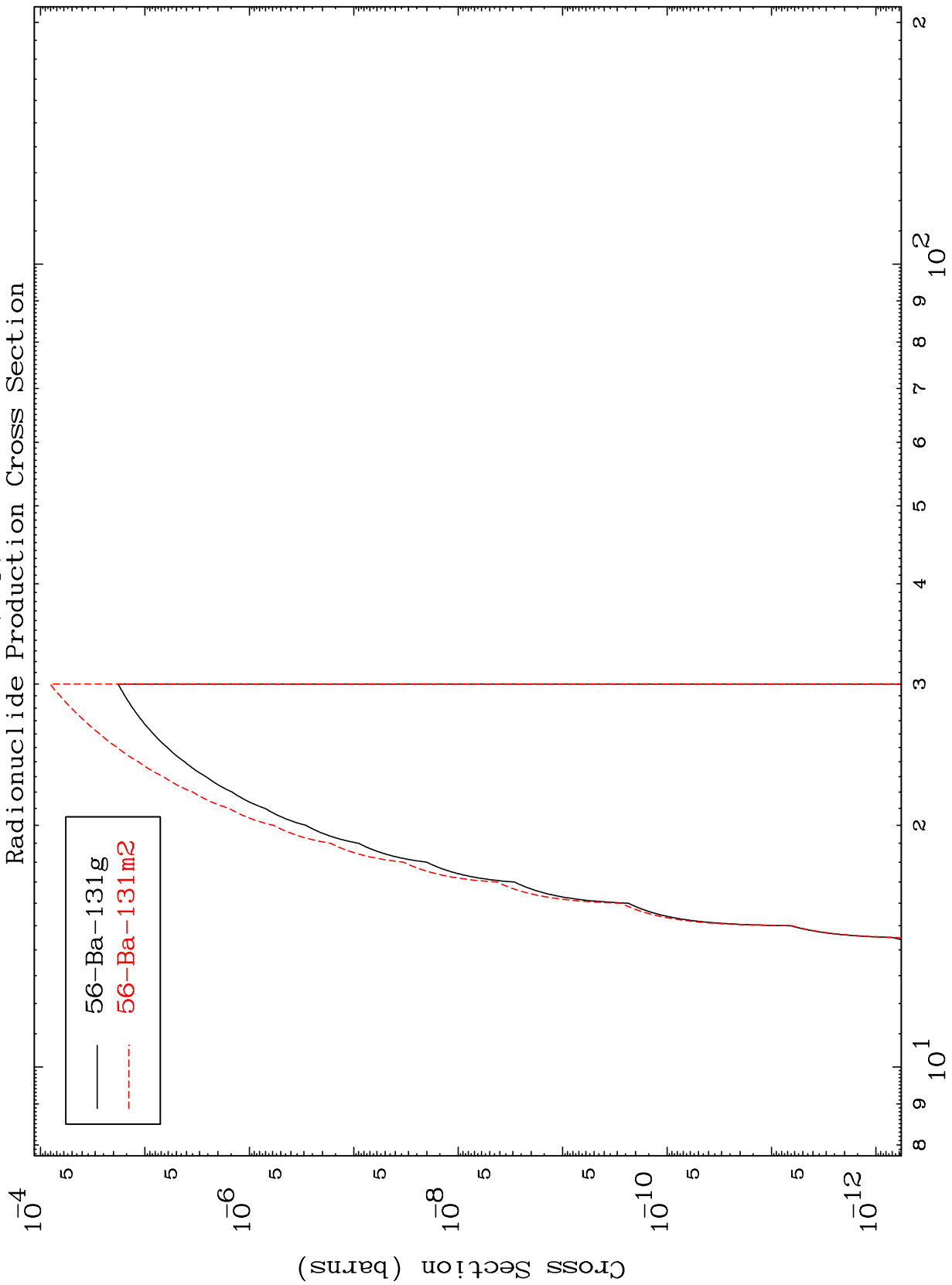
58-Ce-133

MAT 5817

(n,p) d

58-Ce-133

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

Incident Energy (MeV)

58-Ce-133

28