

Program EVALPLOT
(Version 2015-2)

by

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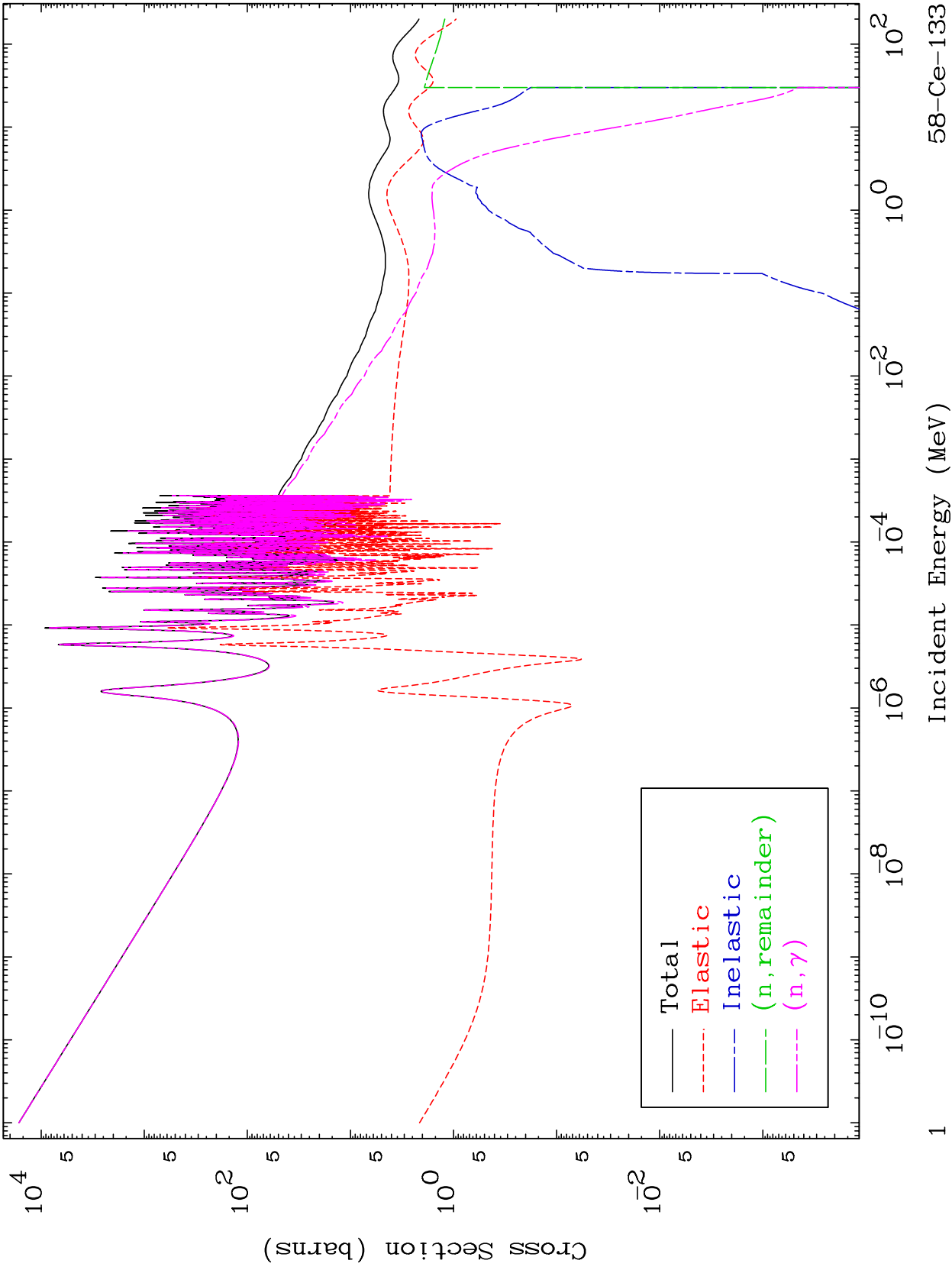
Press Mouse Button to Start

MAT 5817

Major

293 Kelvin Cross Sections

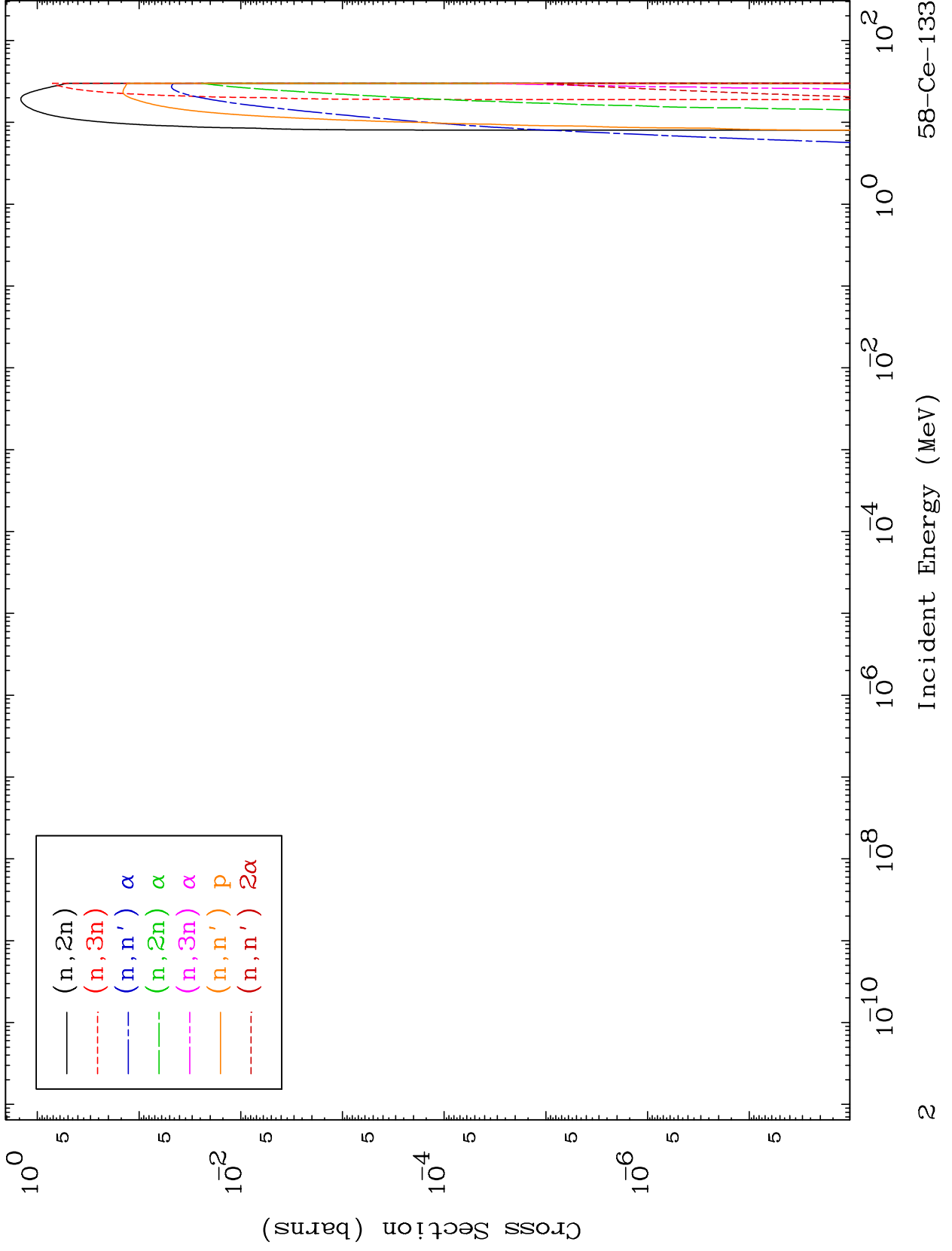
58-Ce-133

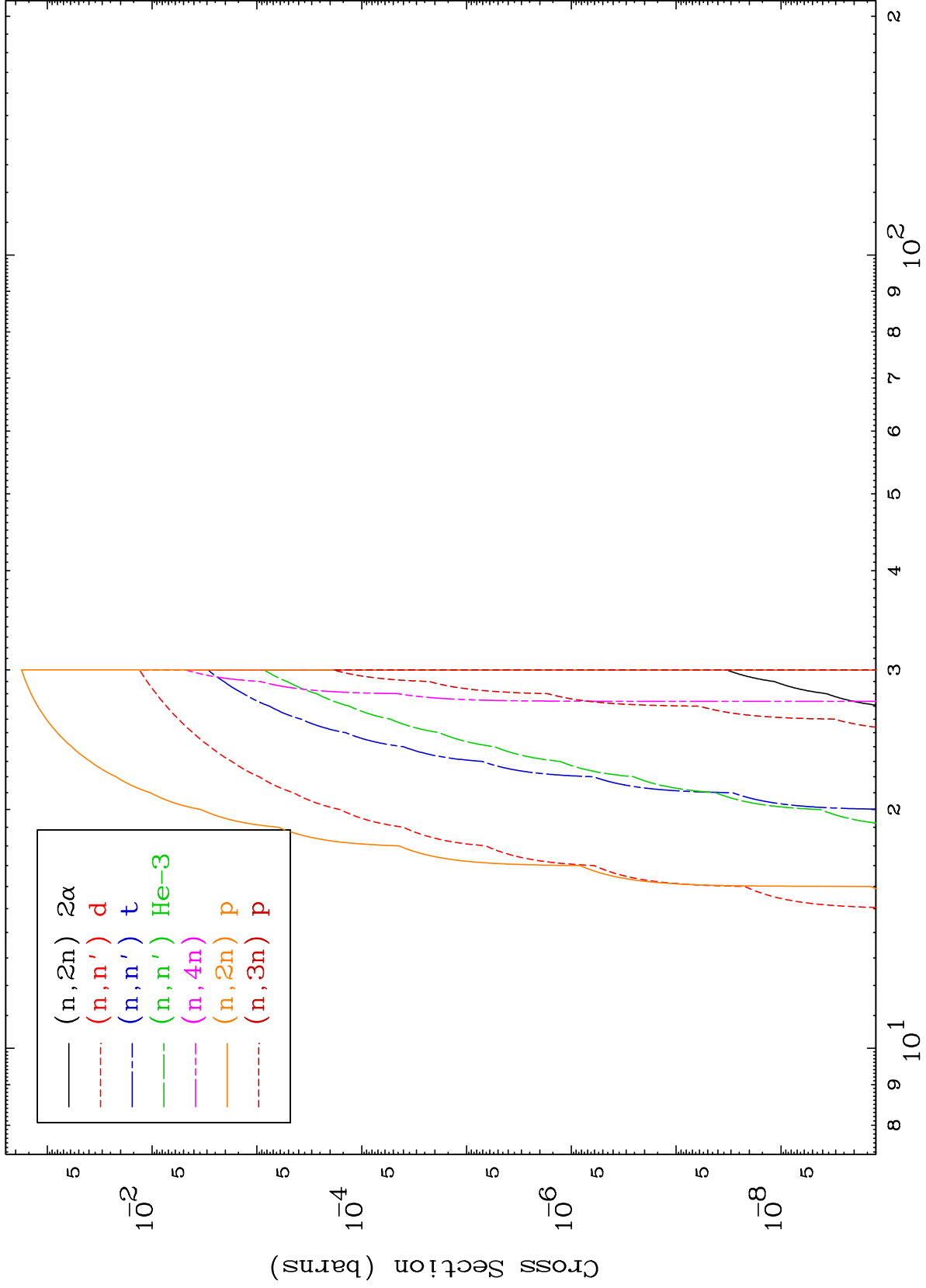


MAT 5817

Neutron Production
293 Kelvin Cross Sections

58-Ce-133

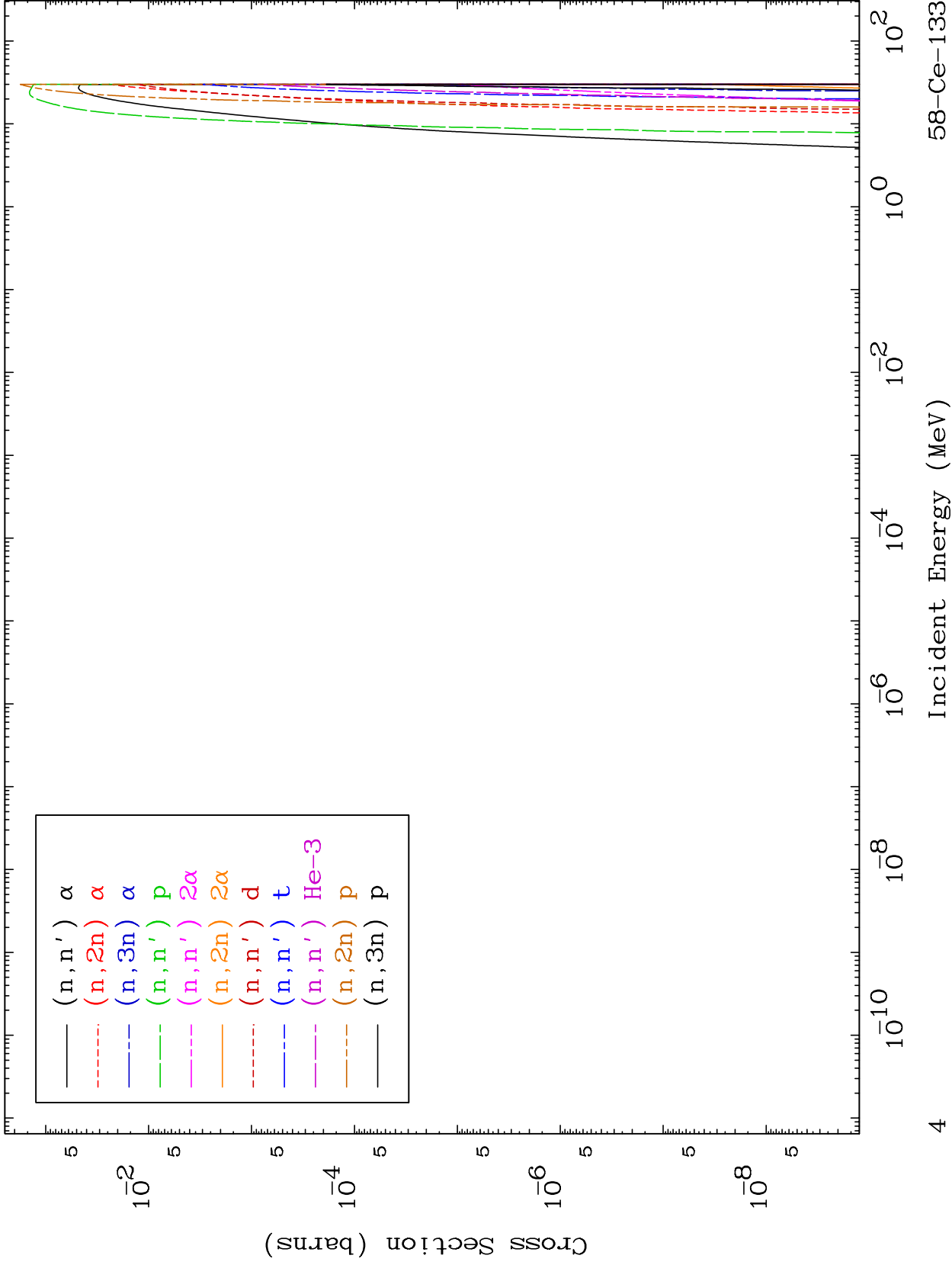




MAT 5817

Charged Particle
293 Kelvin Cross Sections

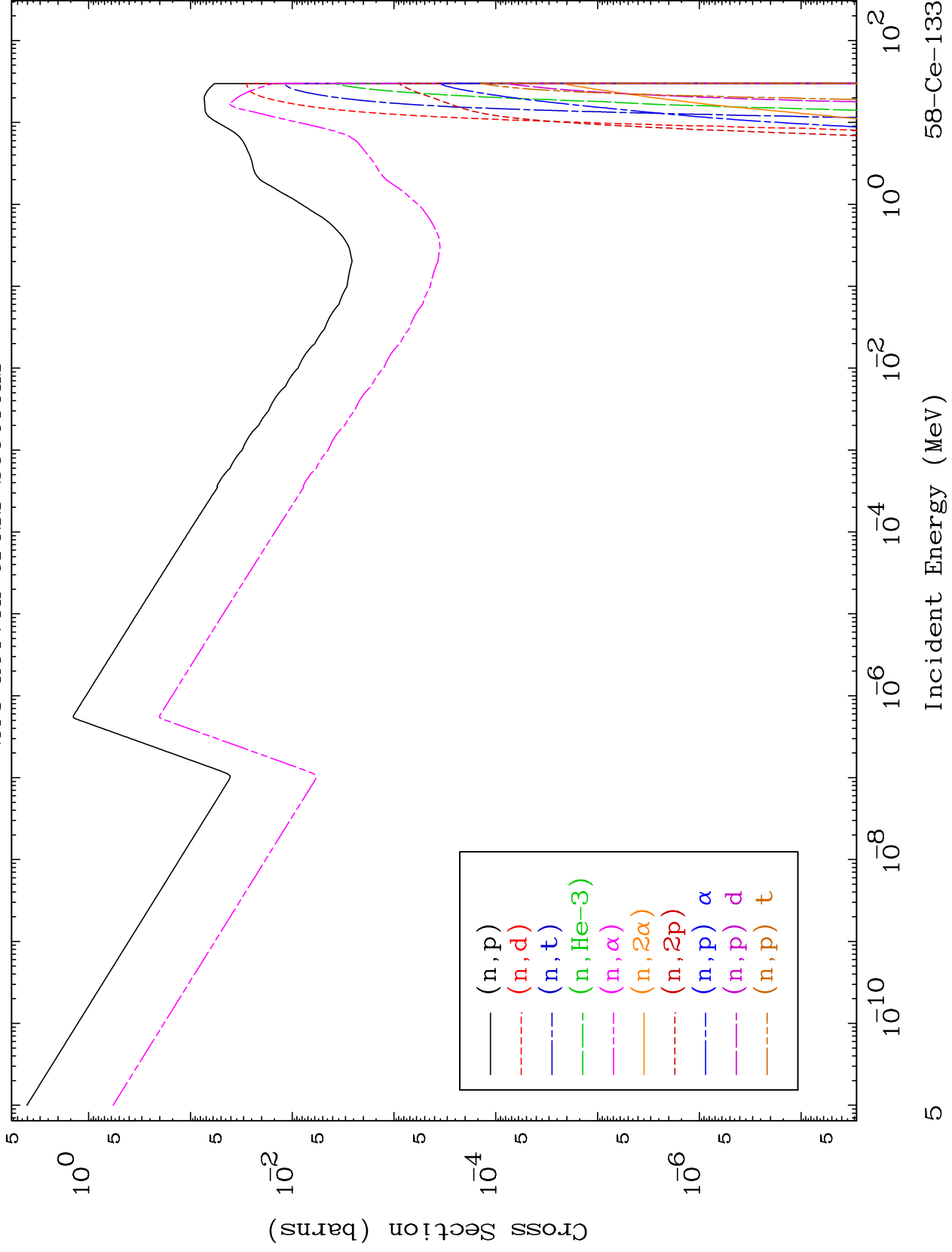
58-Ce-133



MAT 5817

Charged Particle
293 Kelvin Cross Sections

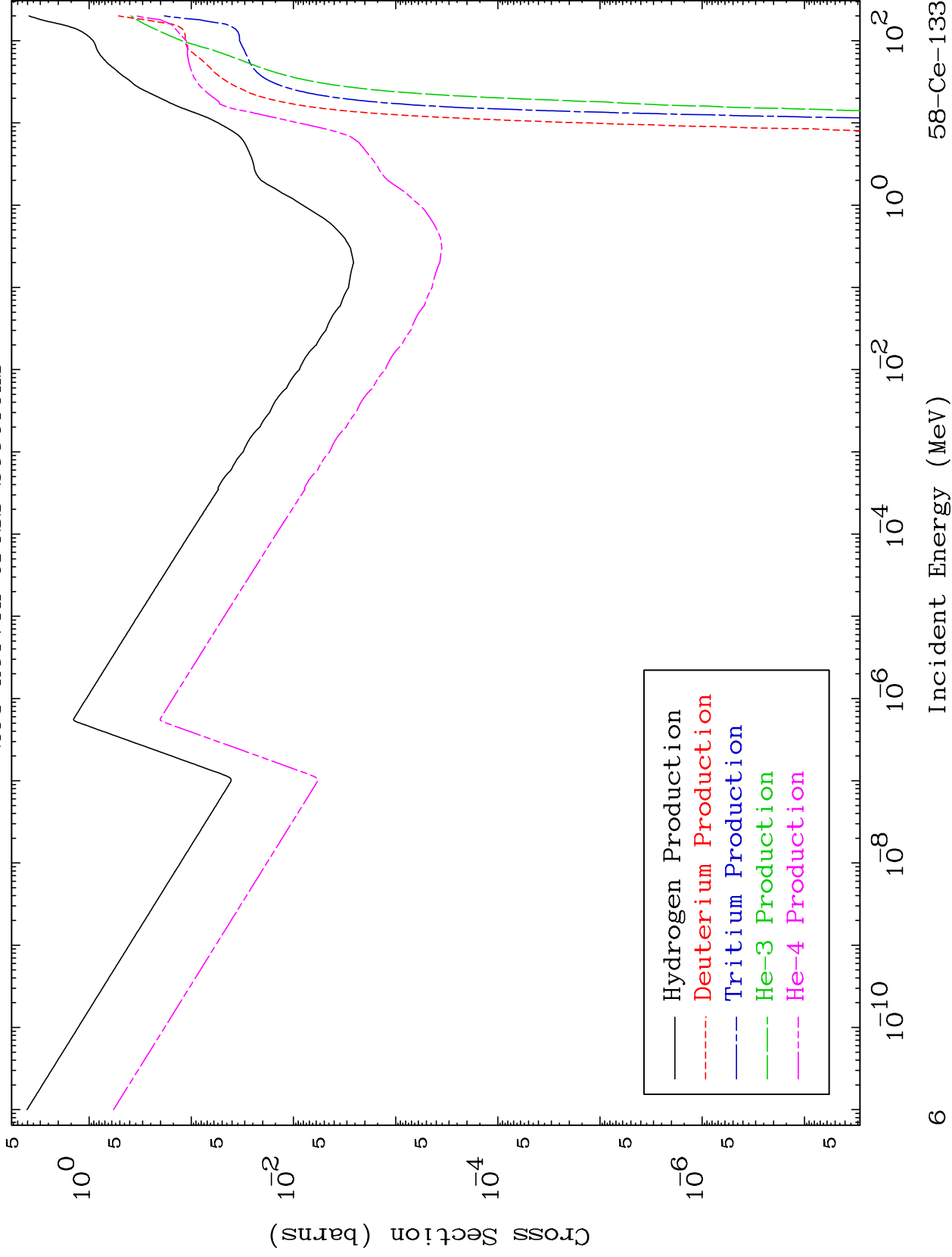
58-Ce-133



MAT 5817

Particle Production
293 Kelvin Cross Sections

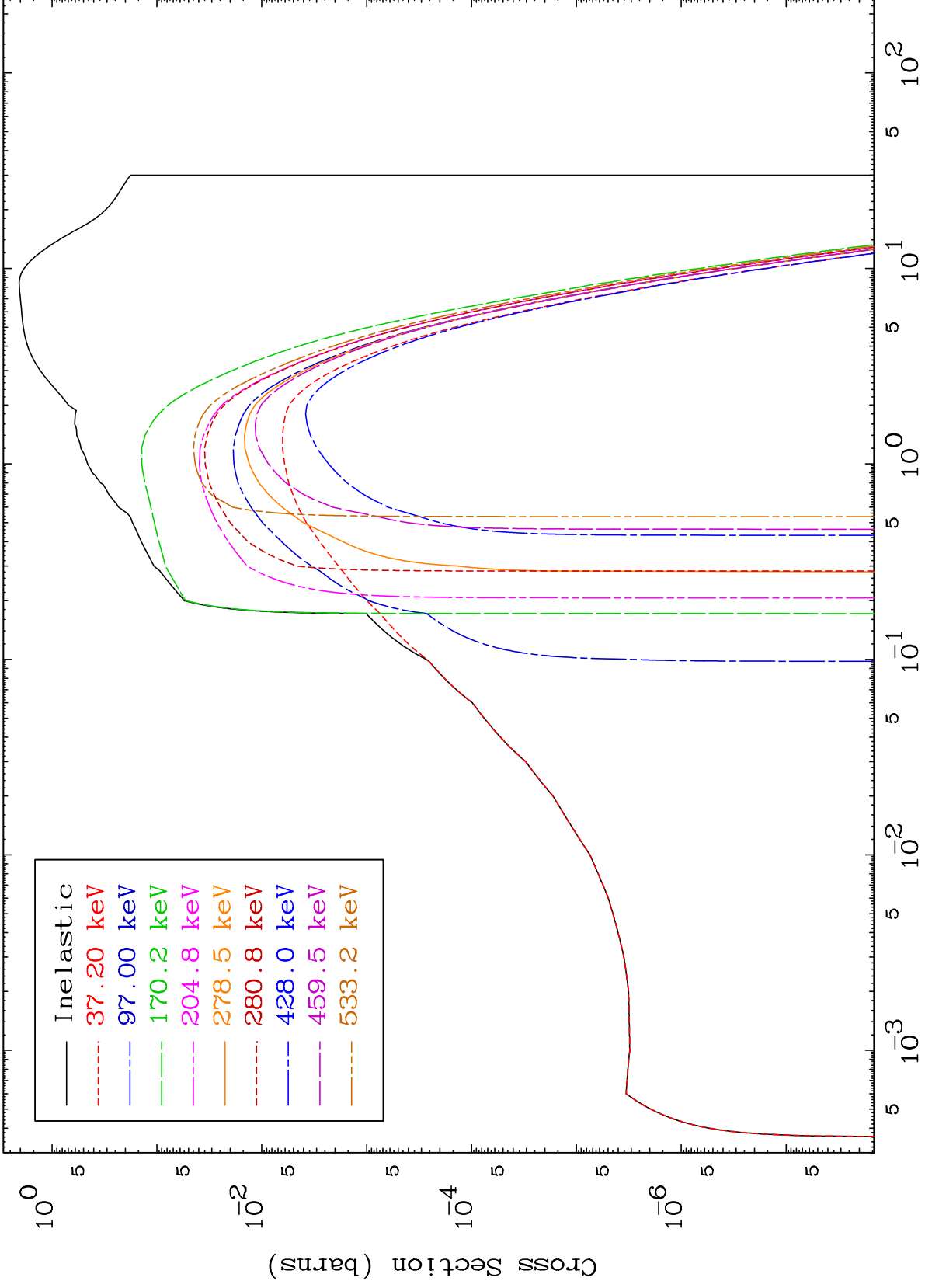
58-Ce-133



MAT 5817

(n,n') Level
293 Kelvin Cross Sections

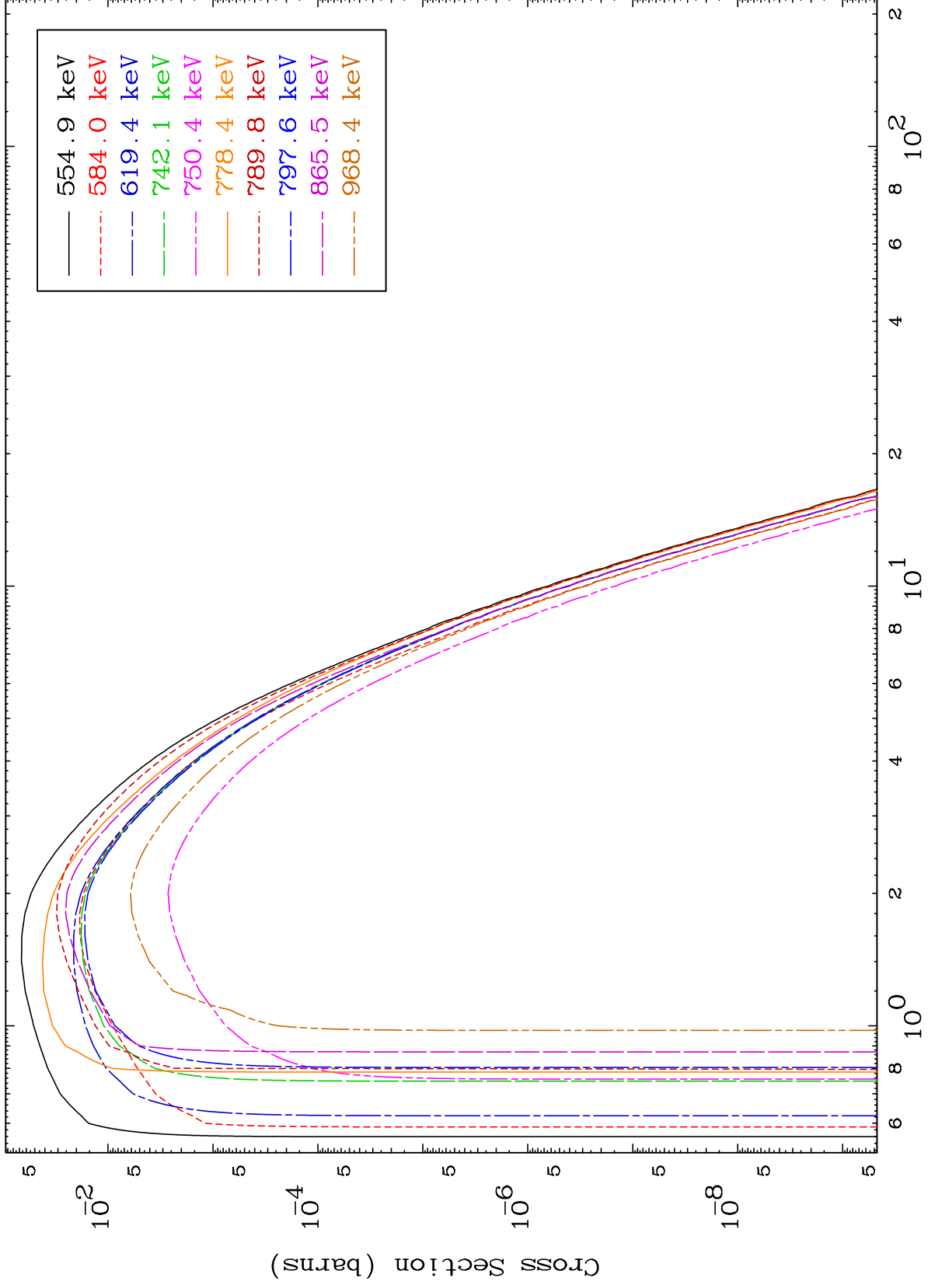
58-Ce-133



MAT 5817

(n,n') Level
293 Kelvin Cross Sections

58-Ce-133



8

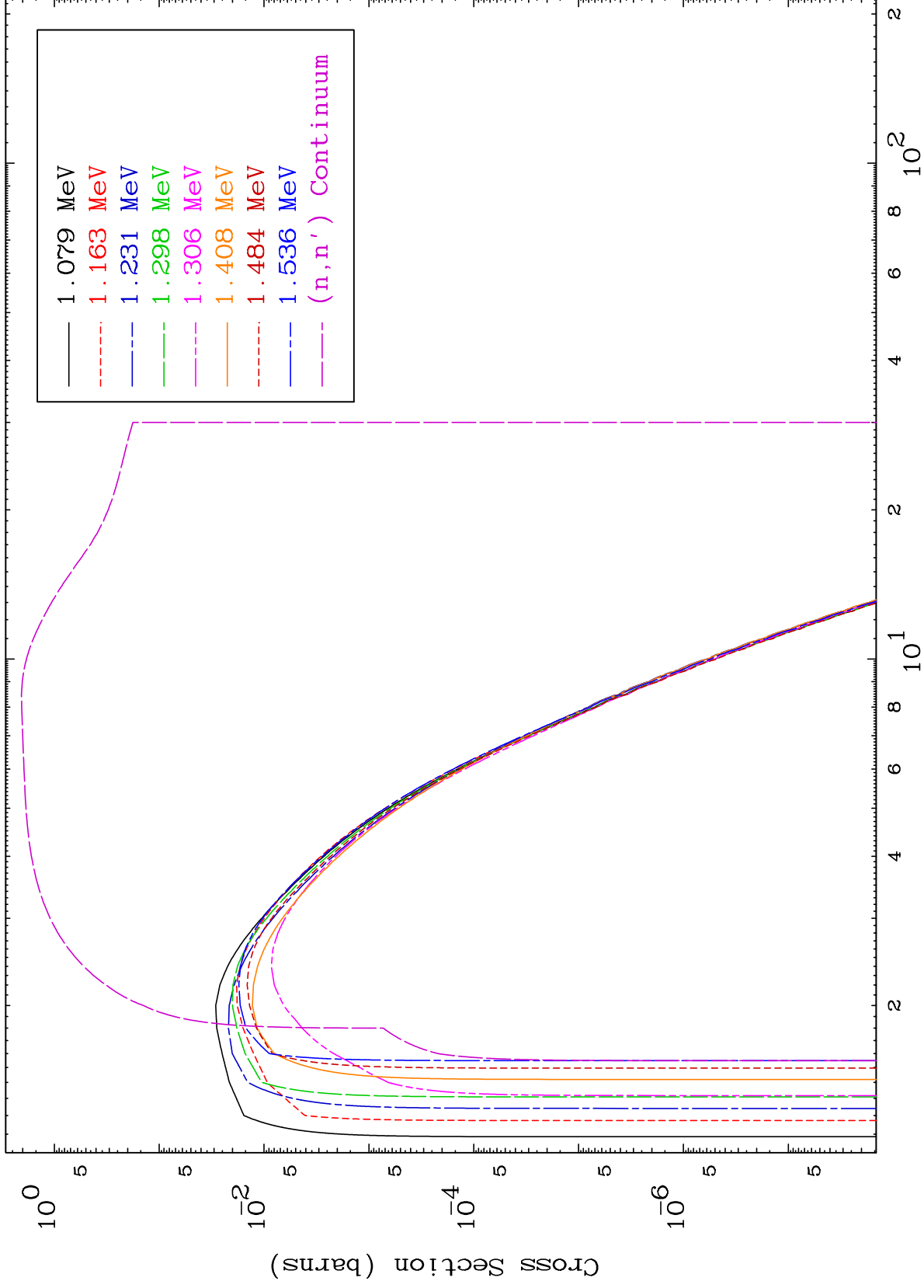
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,n') Level
293 Kelvin Cross Sections

58-Ce-133



9

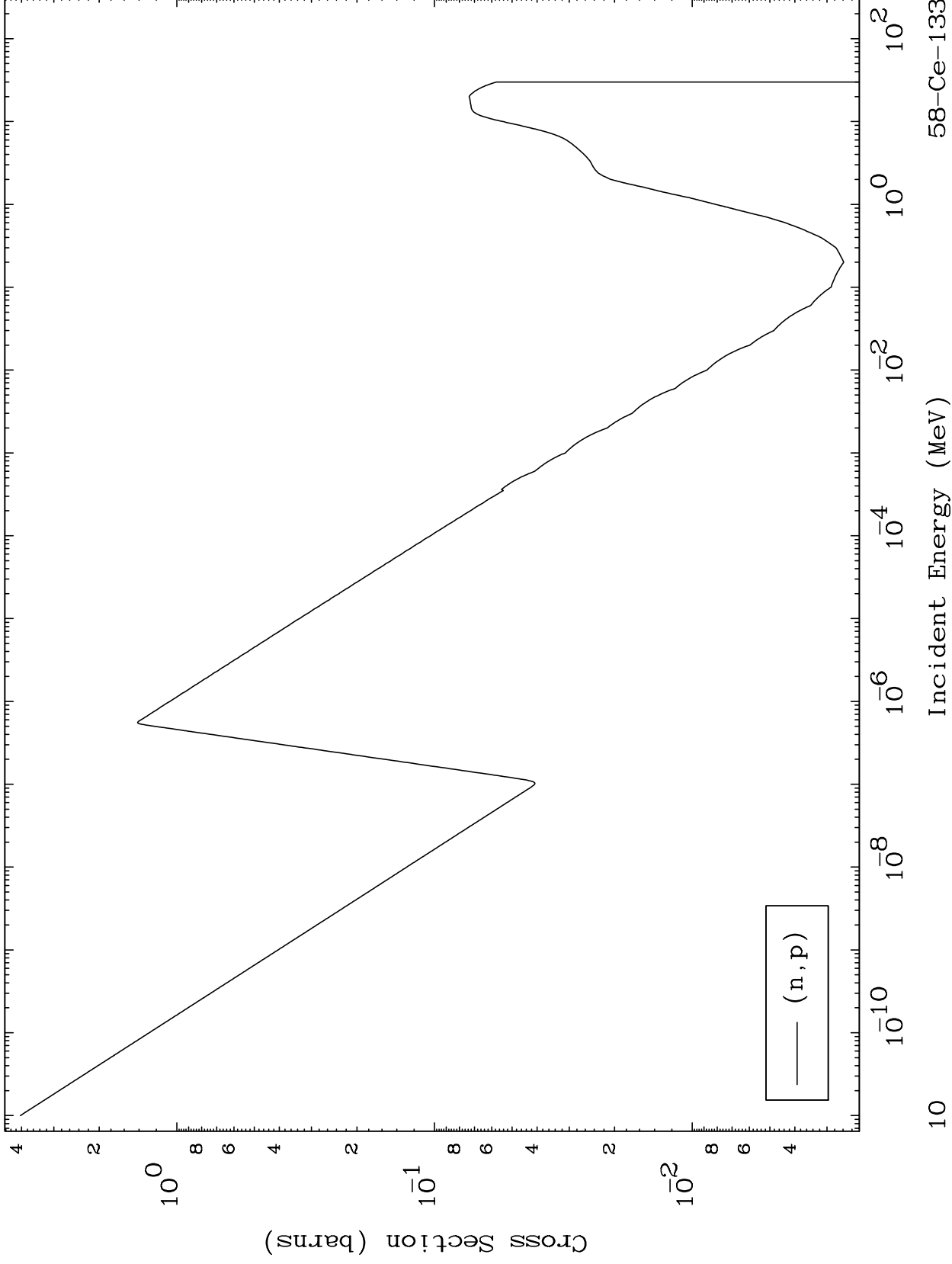
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,p) Levels
293 Kelvin Cross Sections

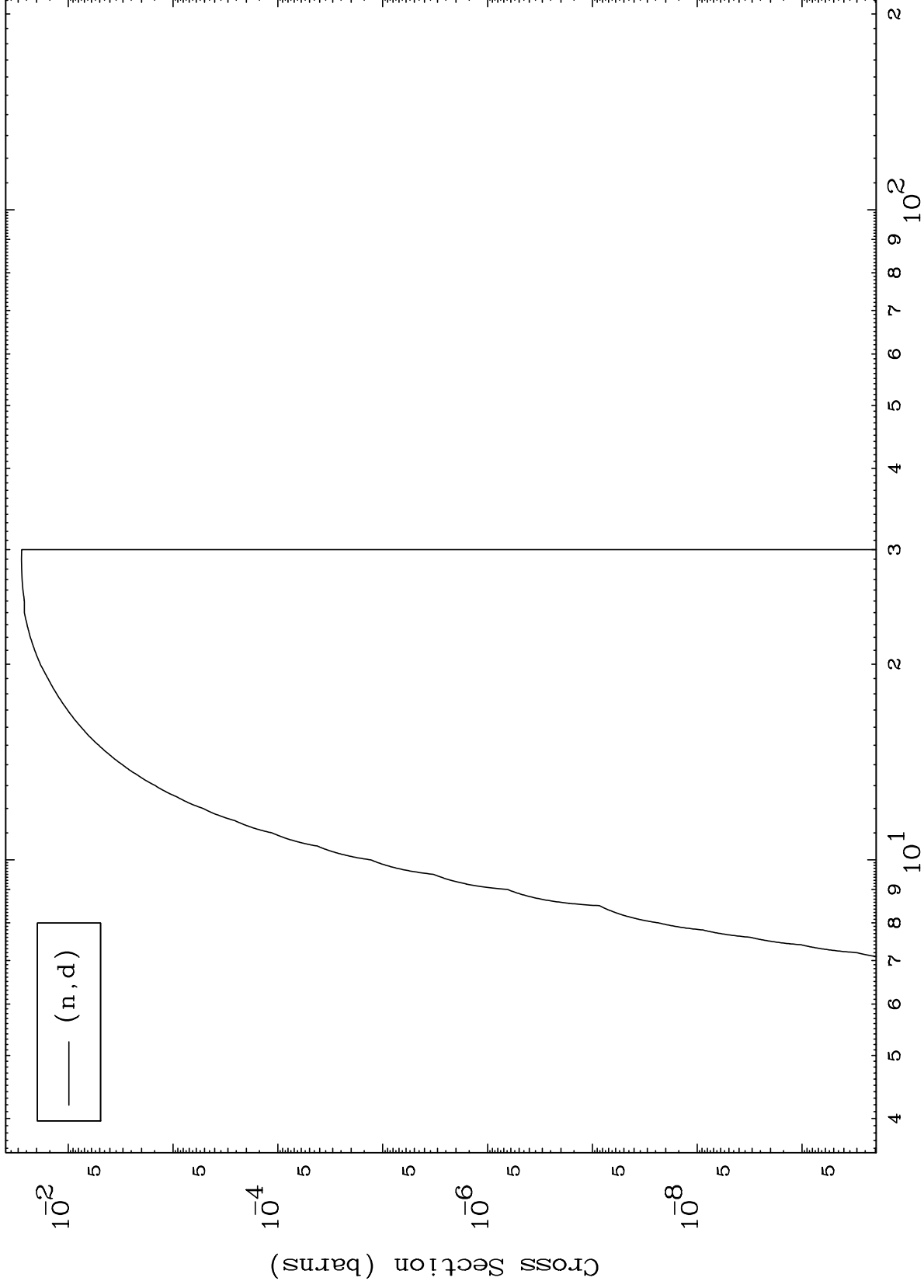
58-Ce-133



MAT 5817

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-133



11

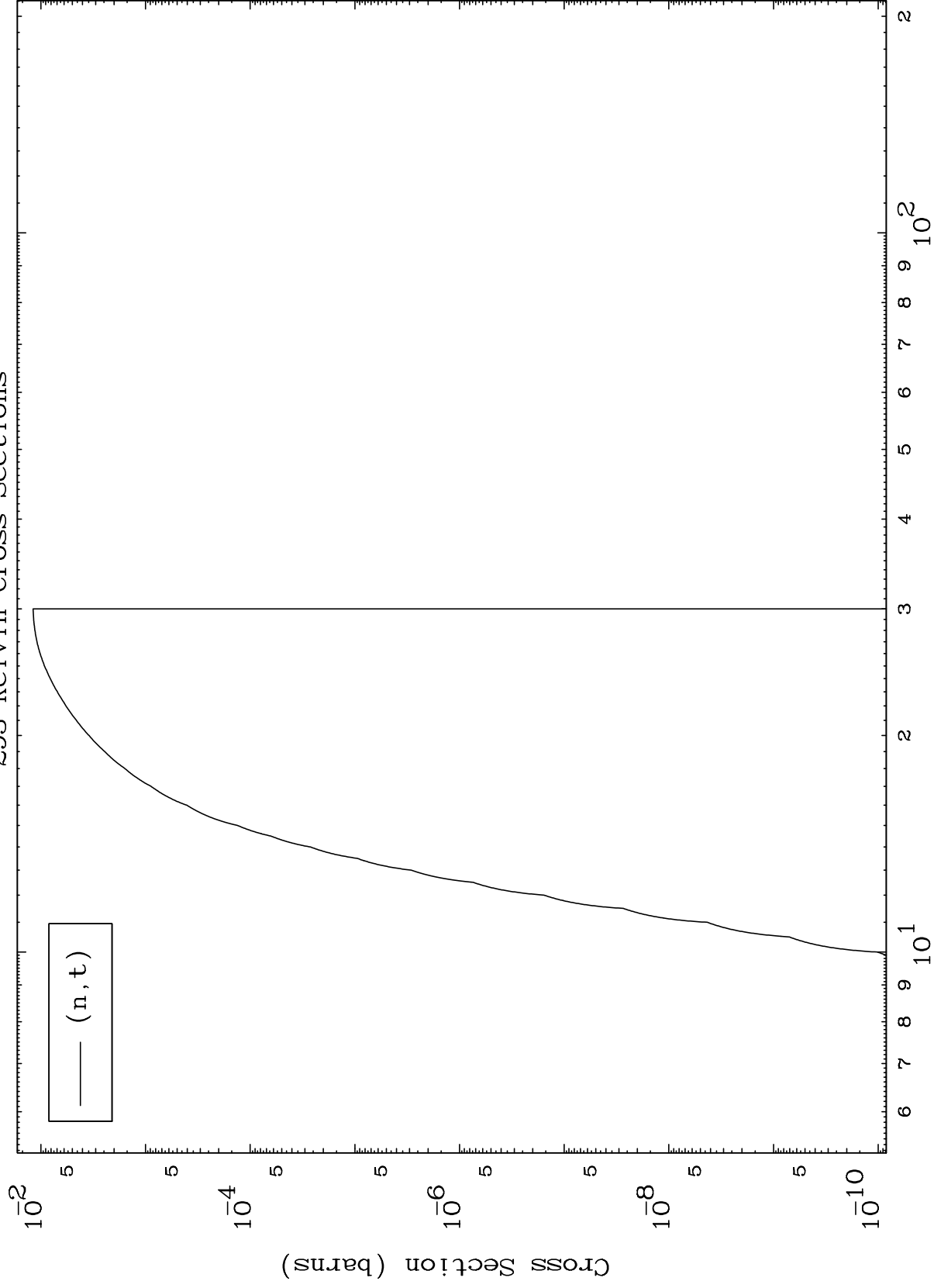
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-133



12

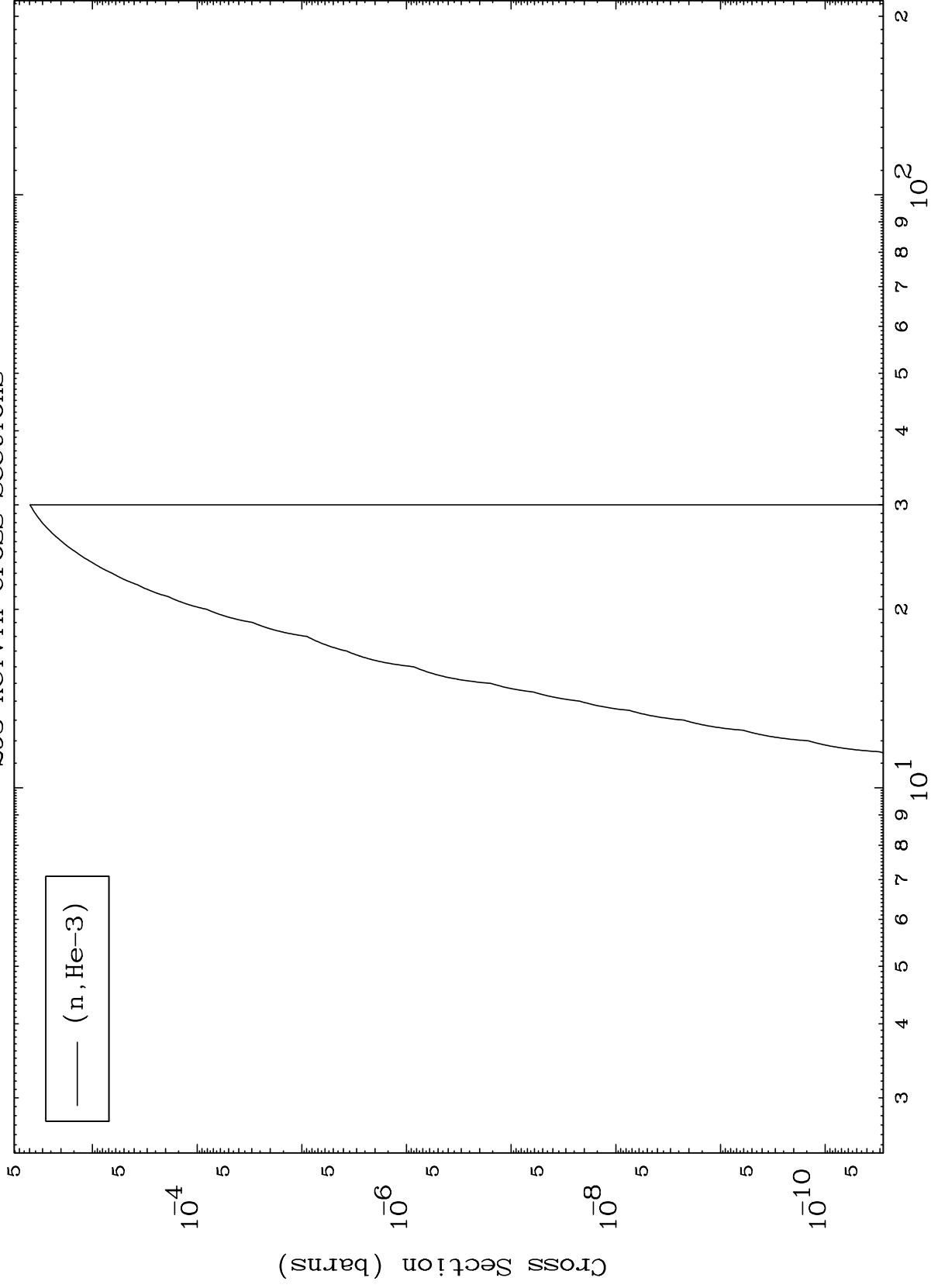
Incident Energy (MeV)

58-Ce-133

MAT 5817

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-133



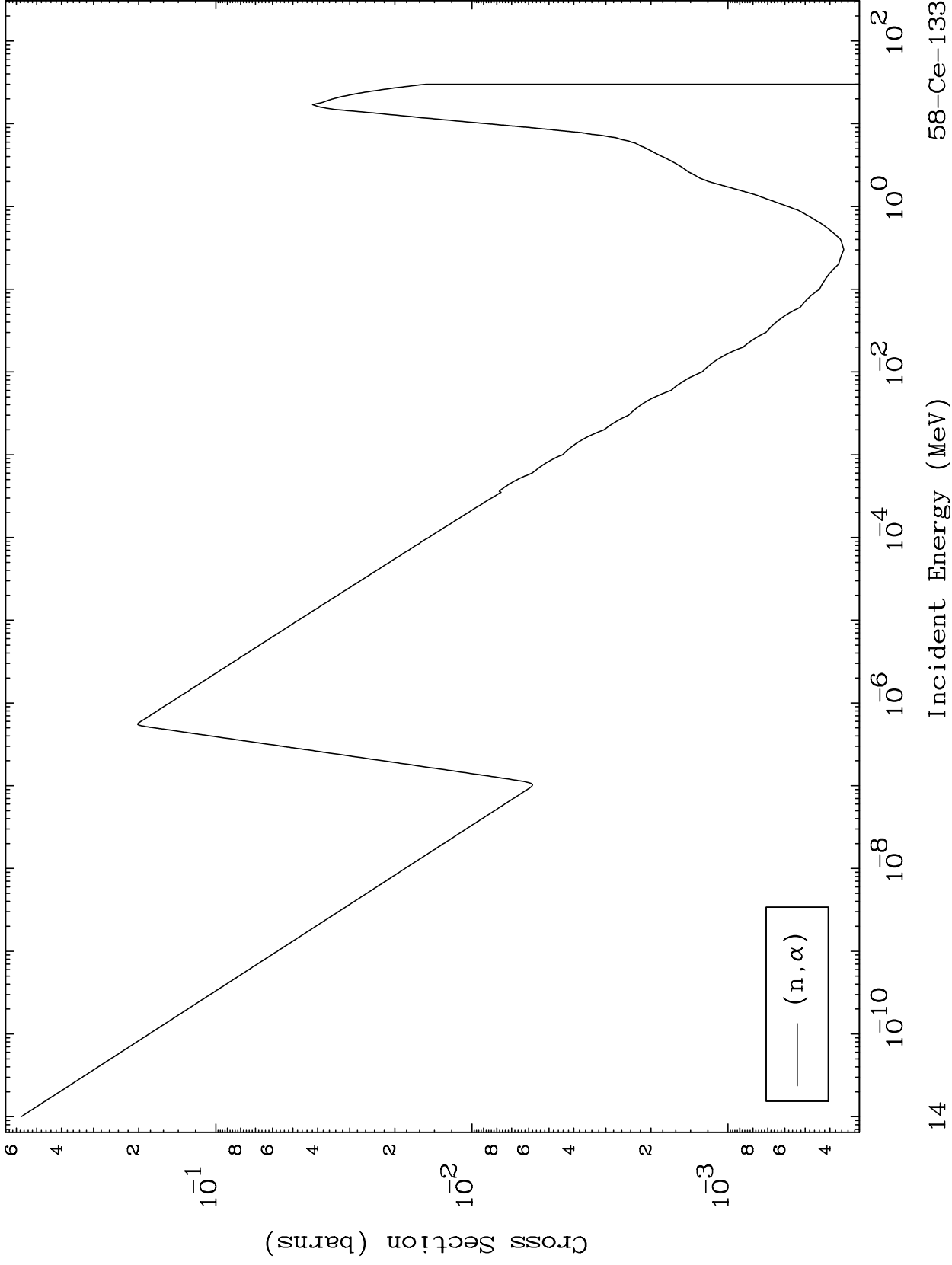
13

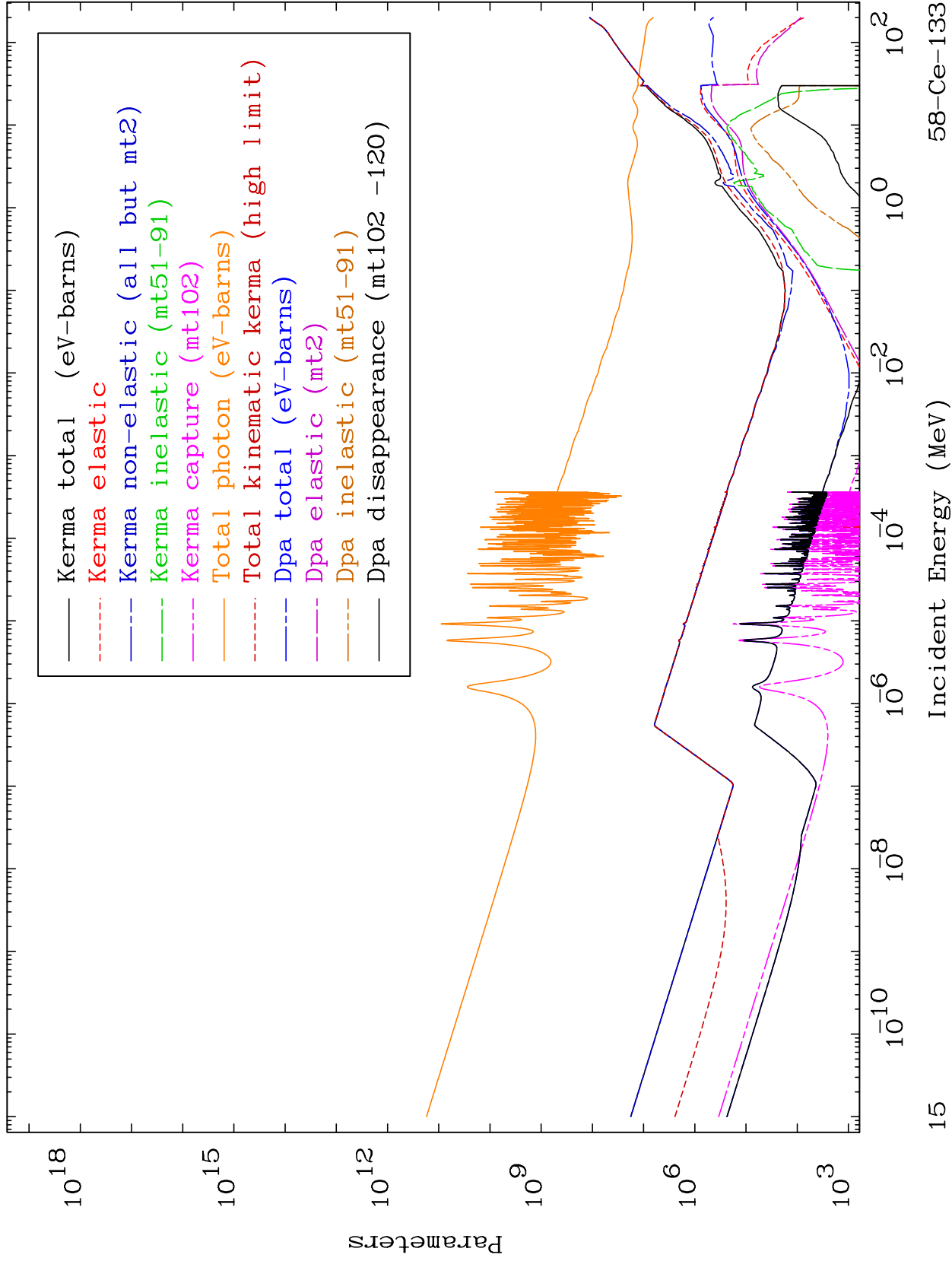
58-Ce-133

MAT 5817

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-133

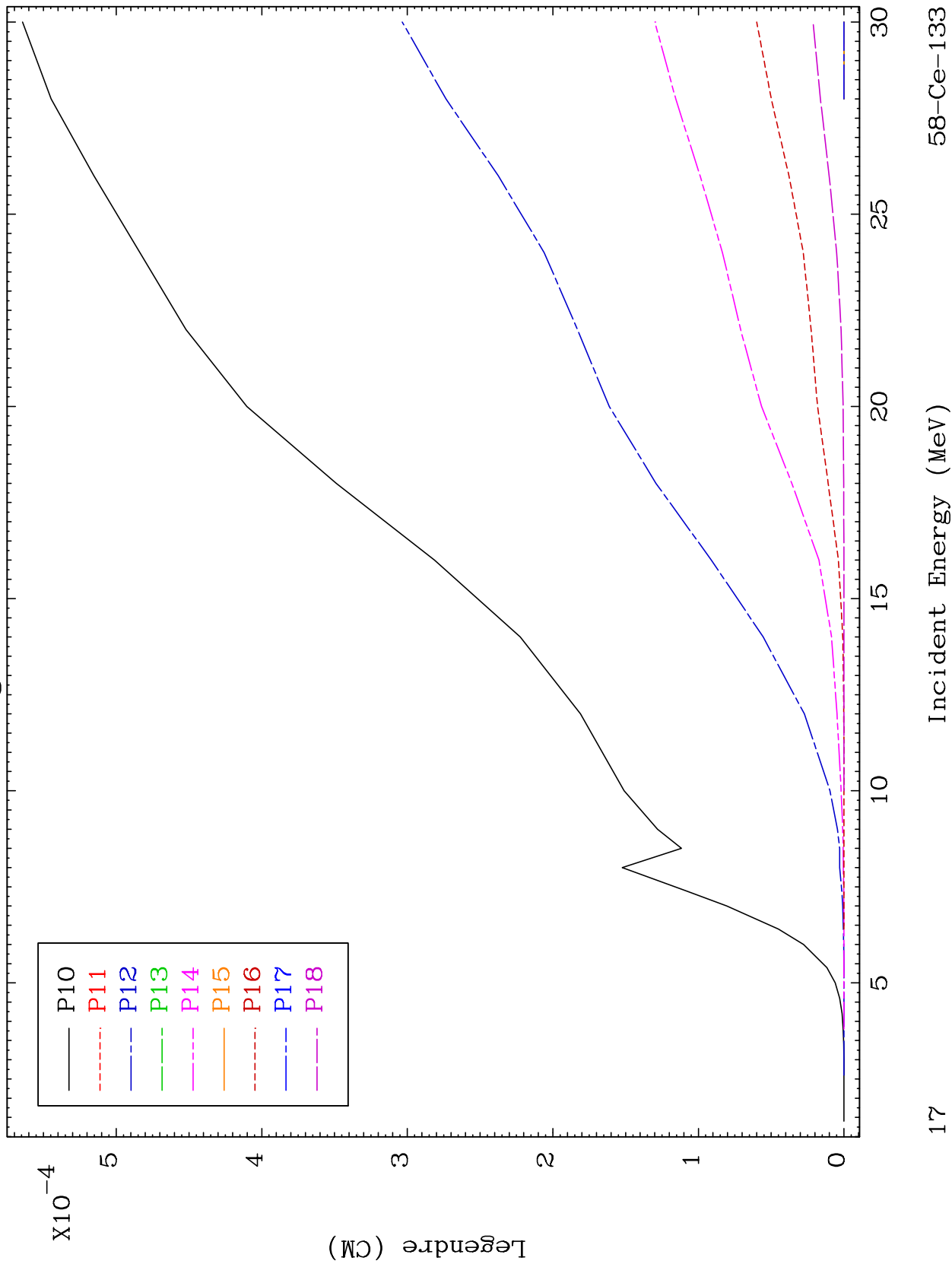




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Elastic Legendre Coefficients

58-Ce-133



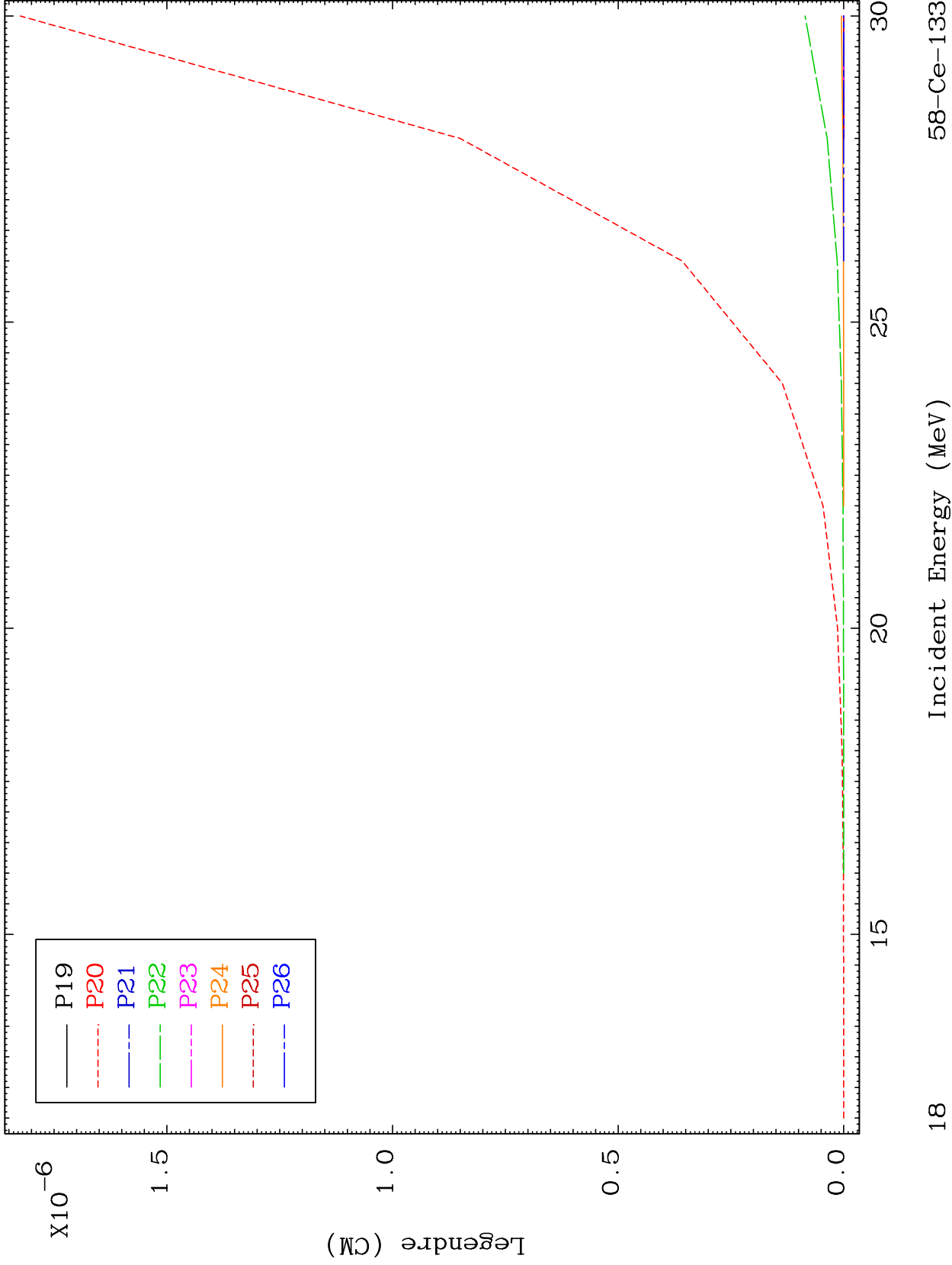
17

58-Ce-133

MAT 5817

Elastic Legendre Coefficients

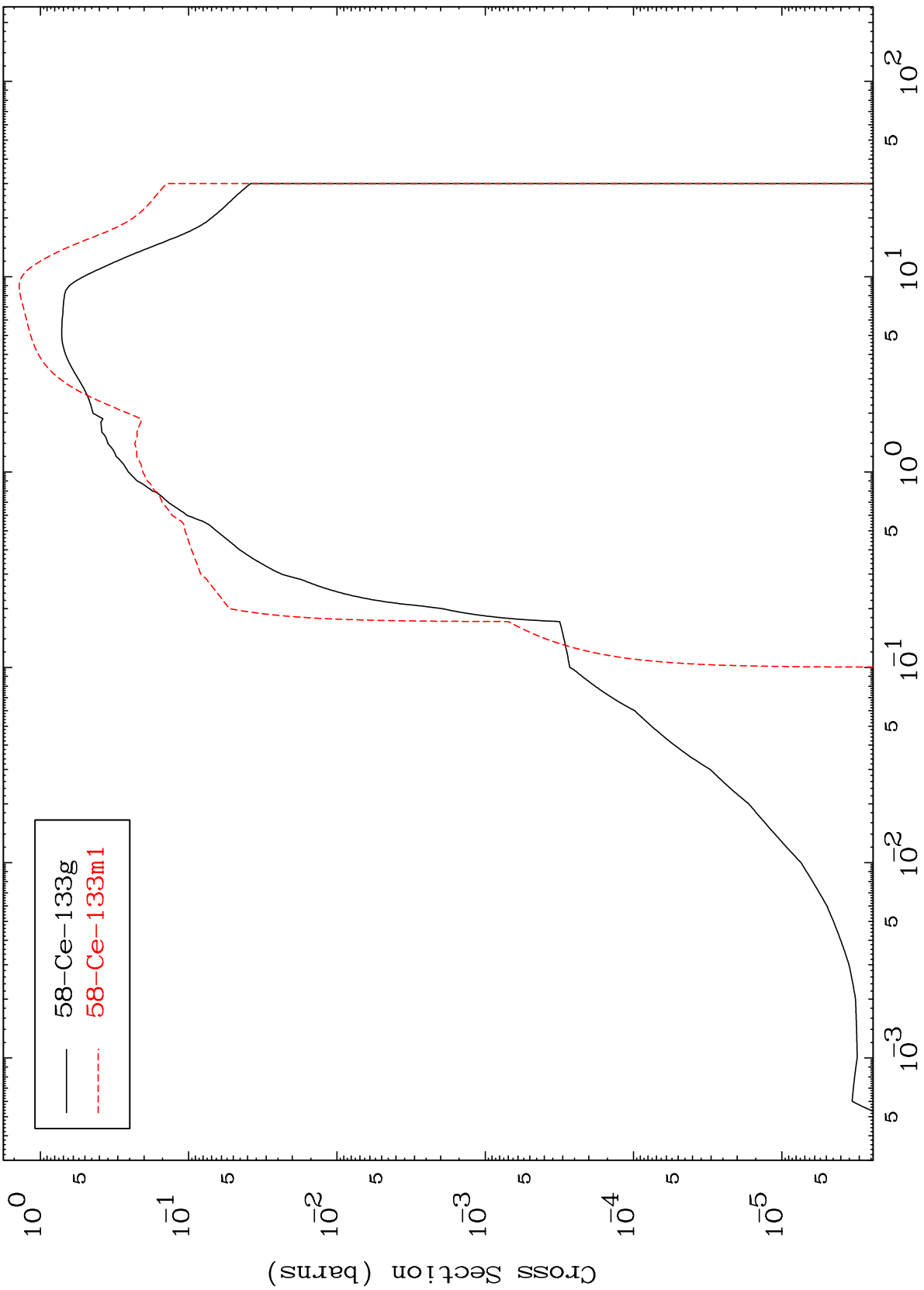
58-Ce-133



MAT 5817

58-Ce-133

Inelastic
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

58-Ce-133

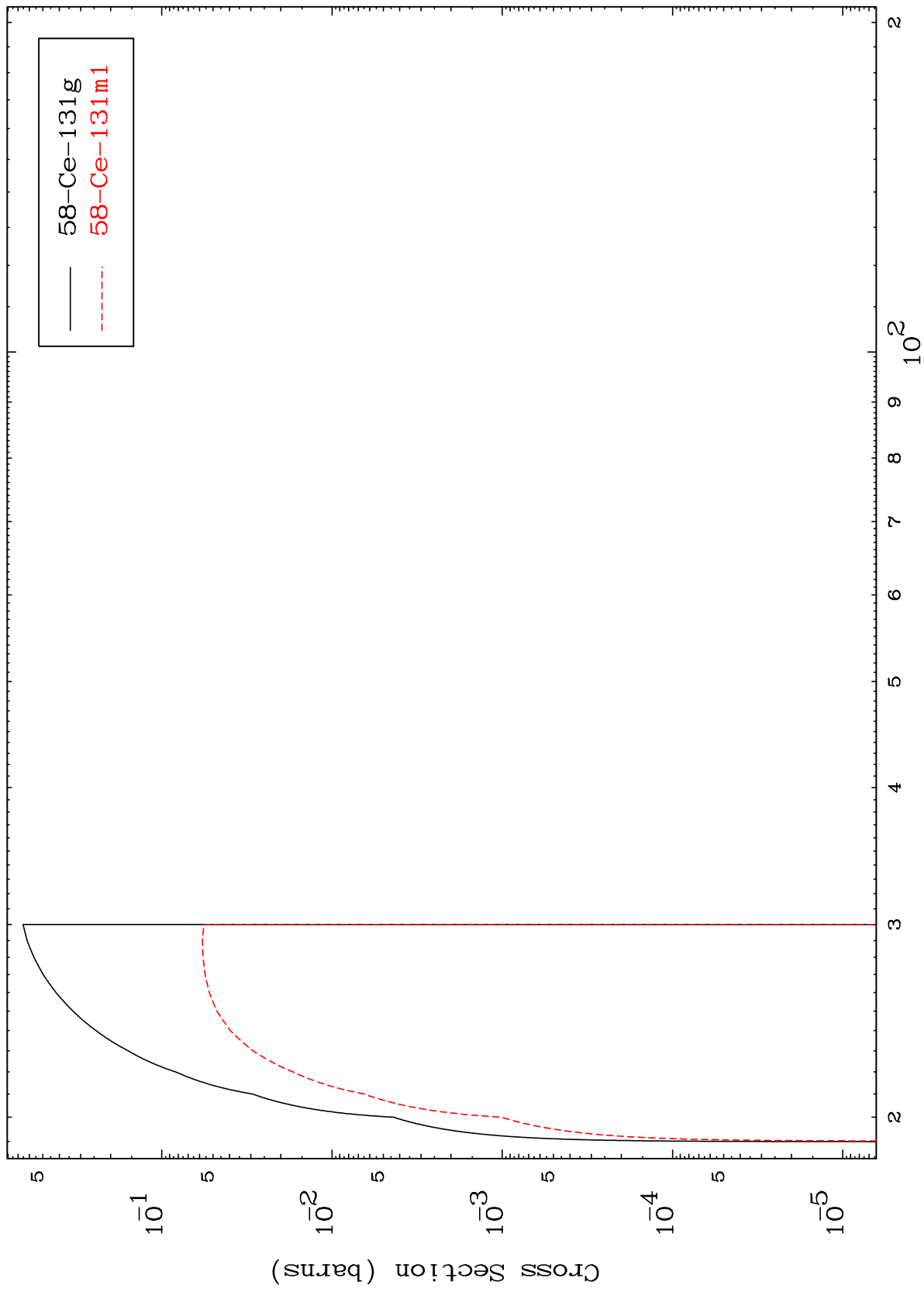
Incident Energy (MeV)

19

MAT 5817

58-Ce-133

(n,3n)
Radionuclide Production Cross Section



58-Ce-133

Incident Energy (MeV)

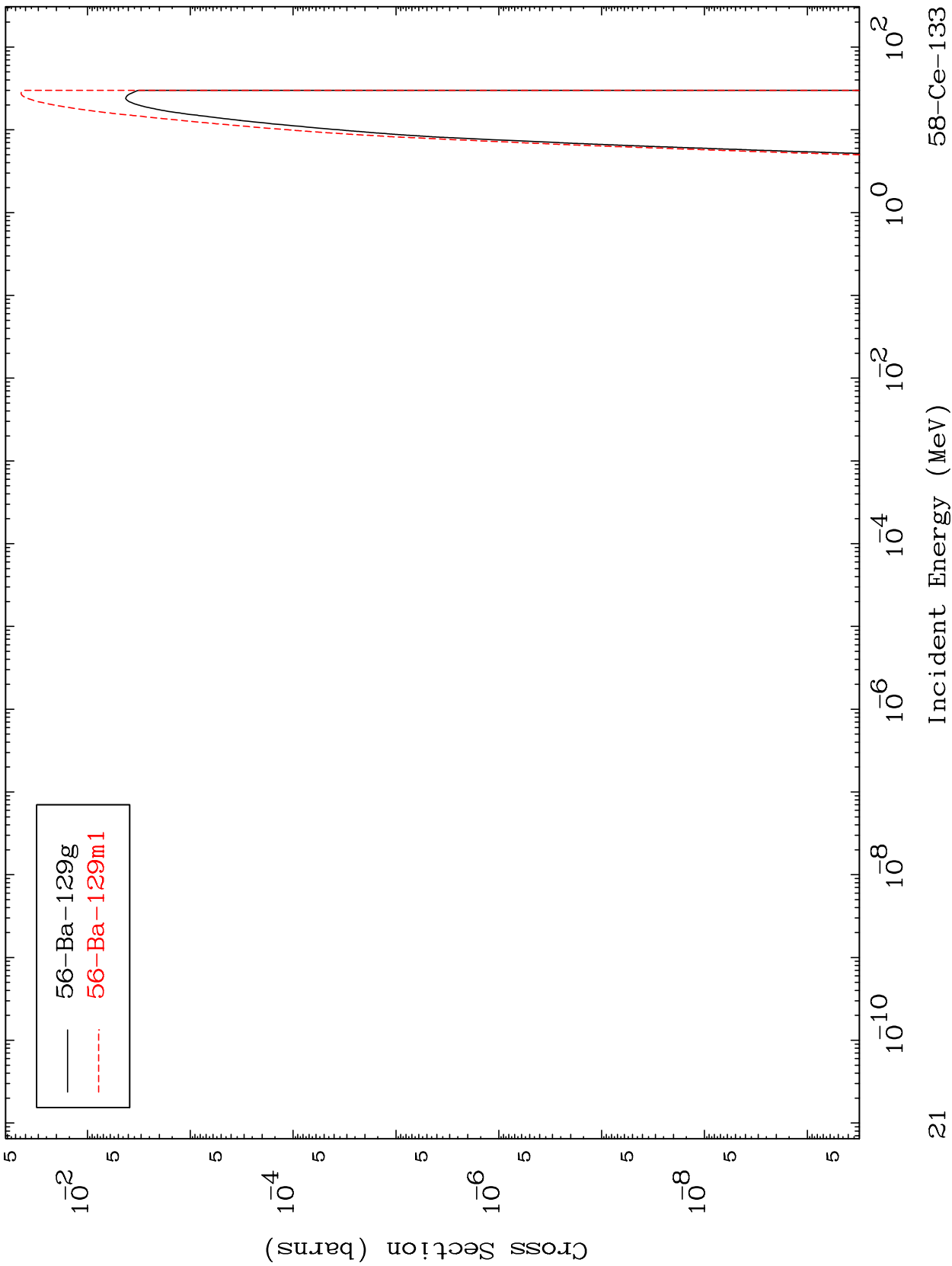
20

MAT 5817

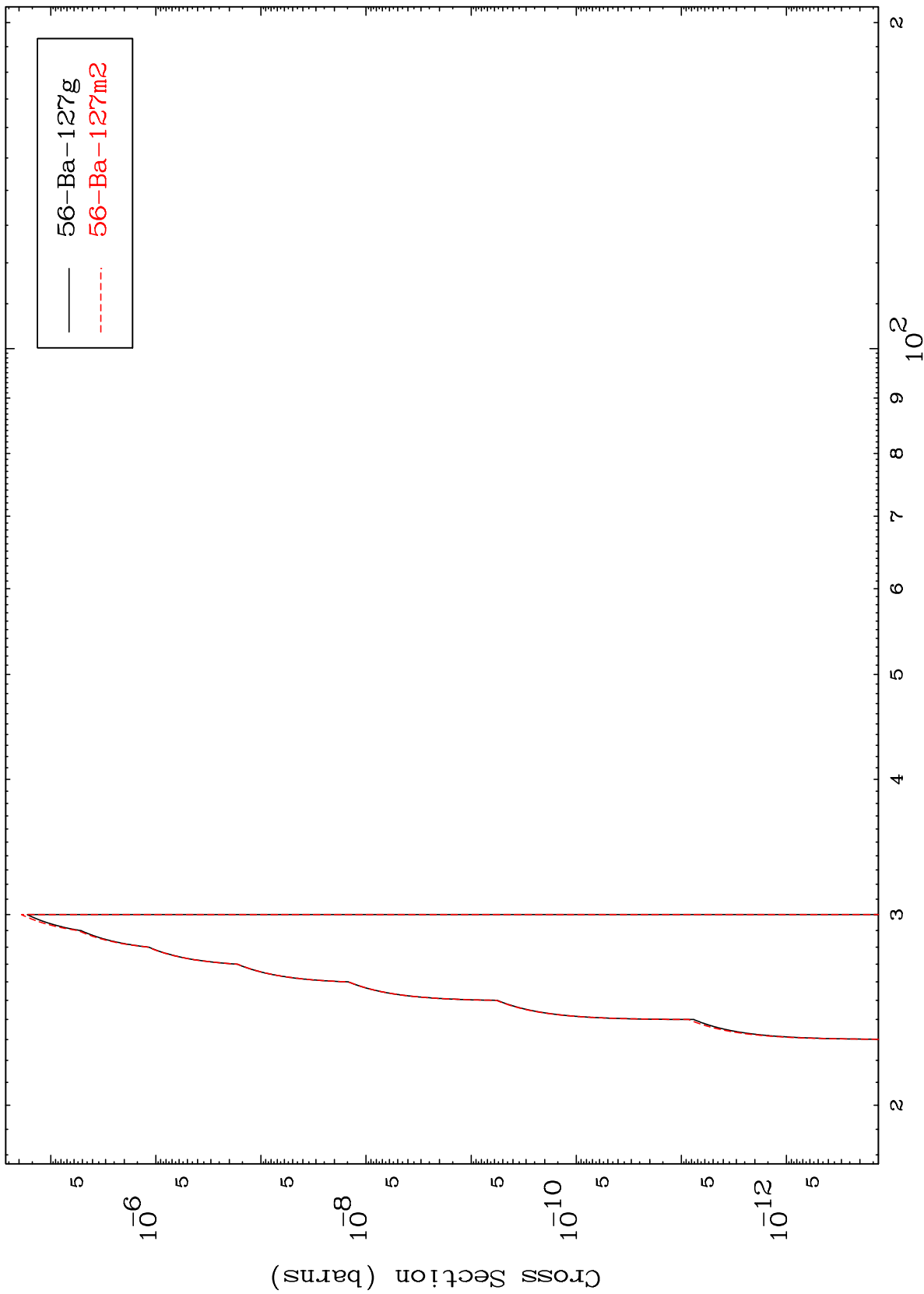
$(n, n') \alpha$

58-Ce-133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

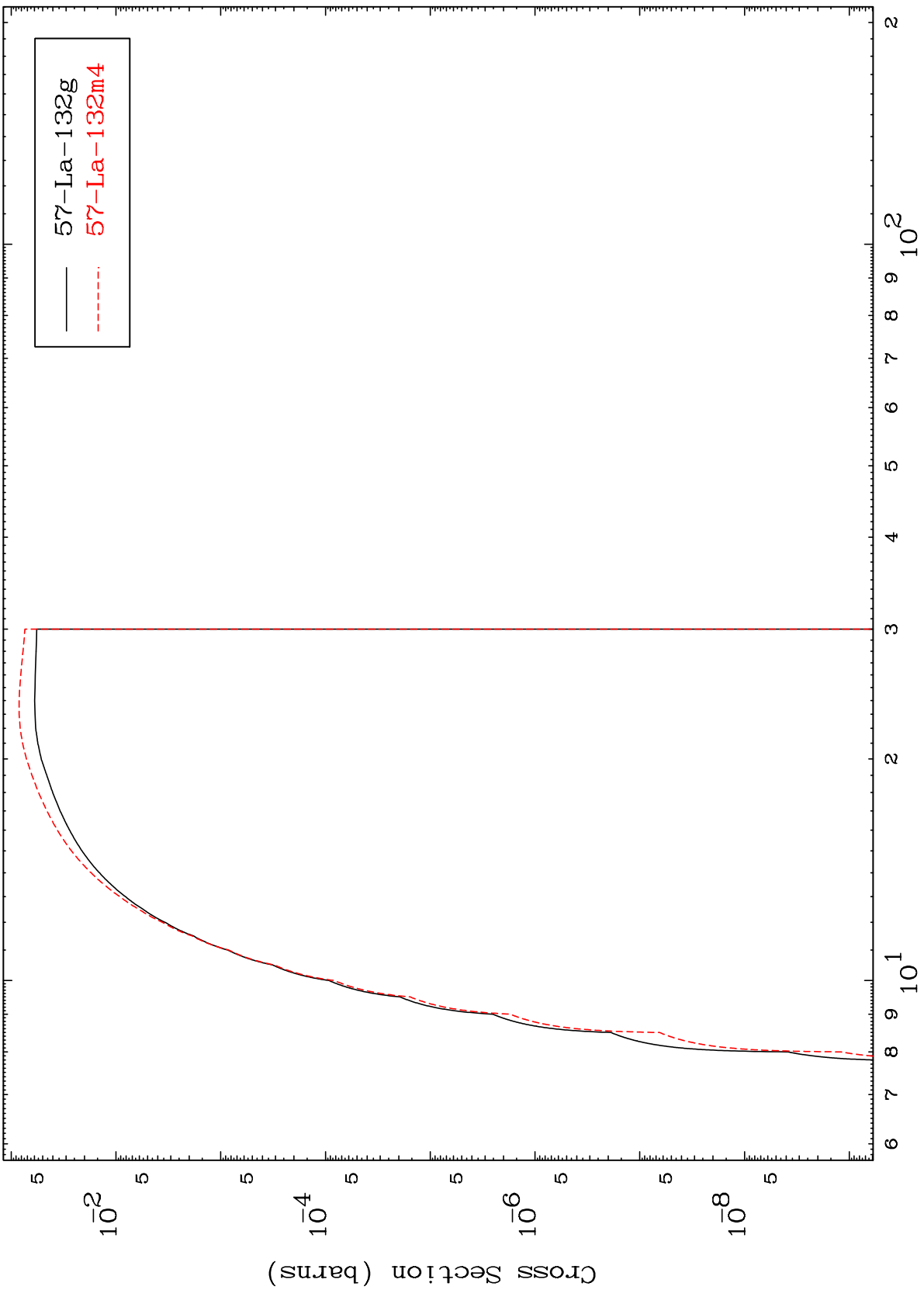


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(n,n') p

58-Ce-133

Radionuclide Production Cross Section



23

Incident Energy (MeV)

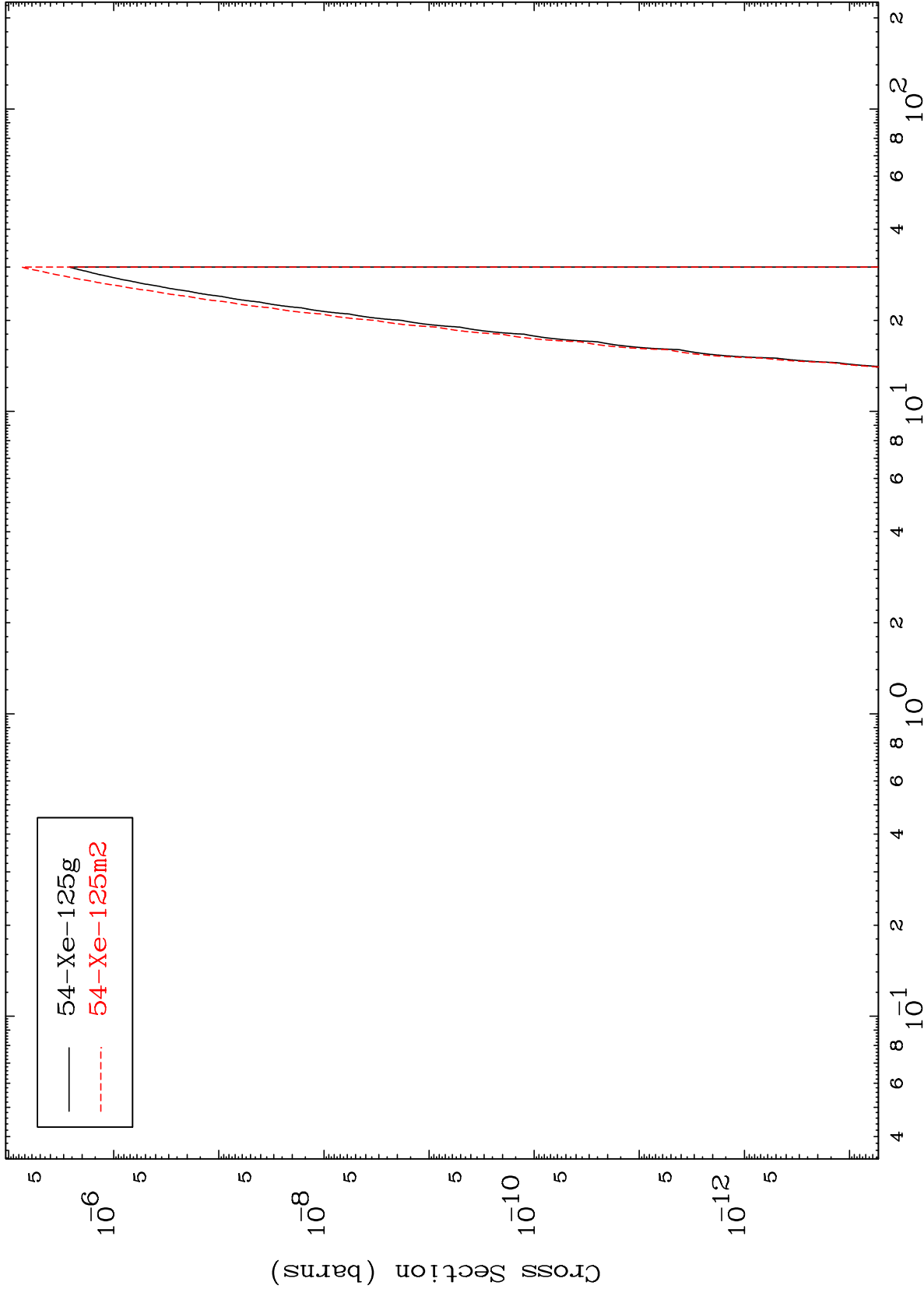
58-Ce-133

MAT 5817

(n,n') 2α

58-Ce-133

Radionuclide Production Cross Section



54-Xe-125g
54-Xe-125m2

24

Incident Energy (MeV)

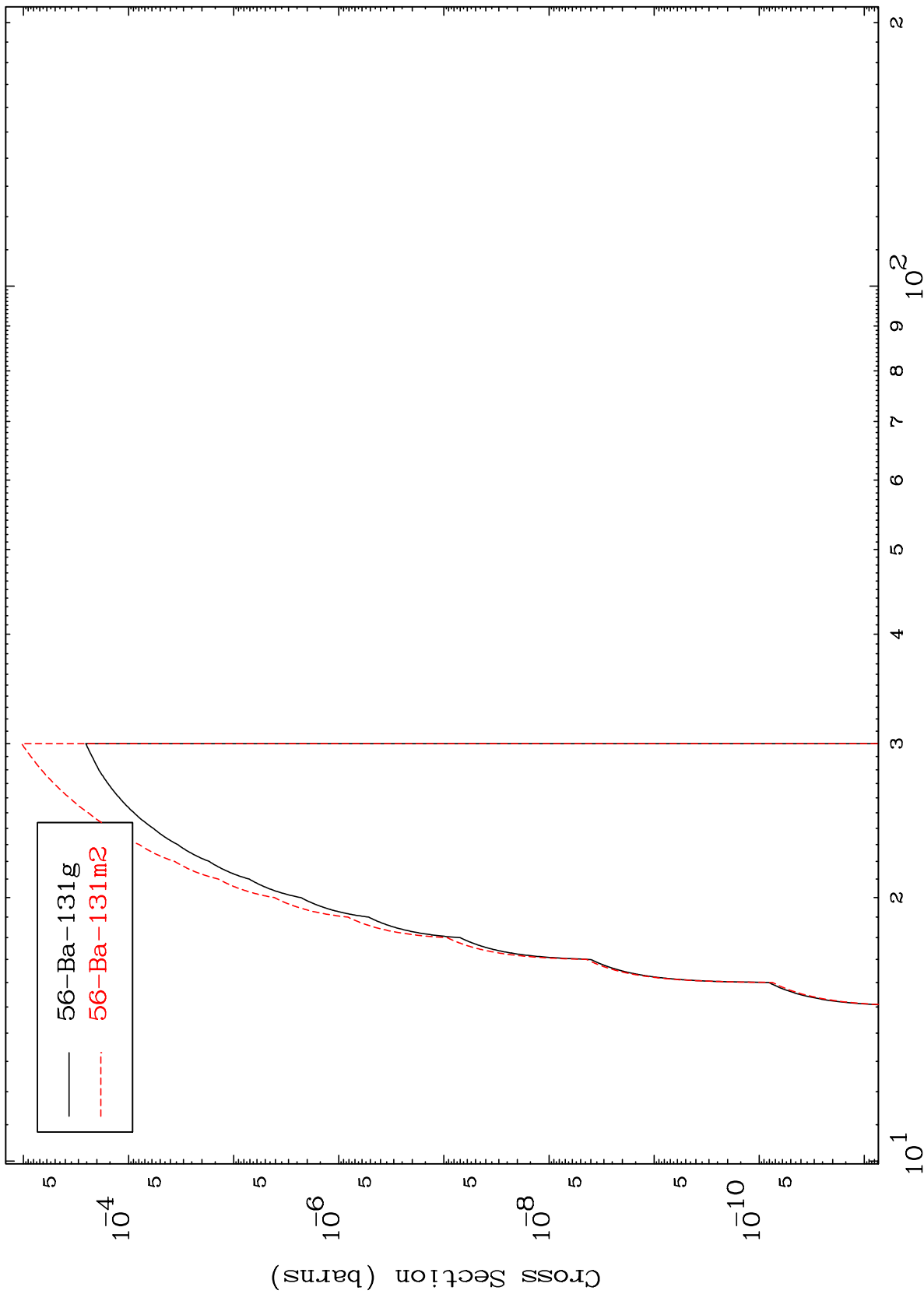
58-Ce-133

MAT 5817

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



Incident Energy (MeV)

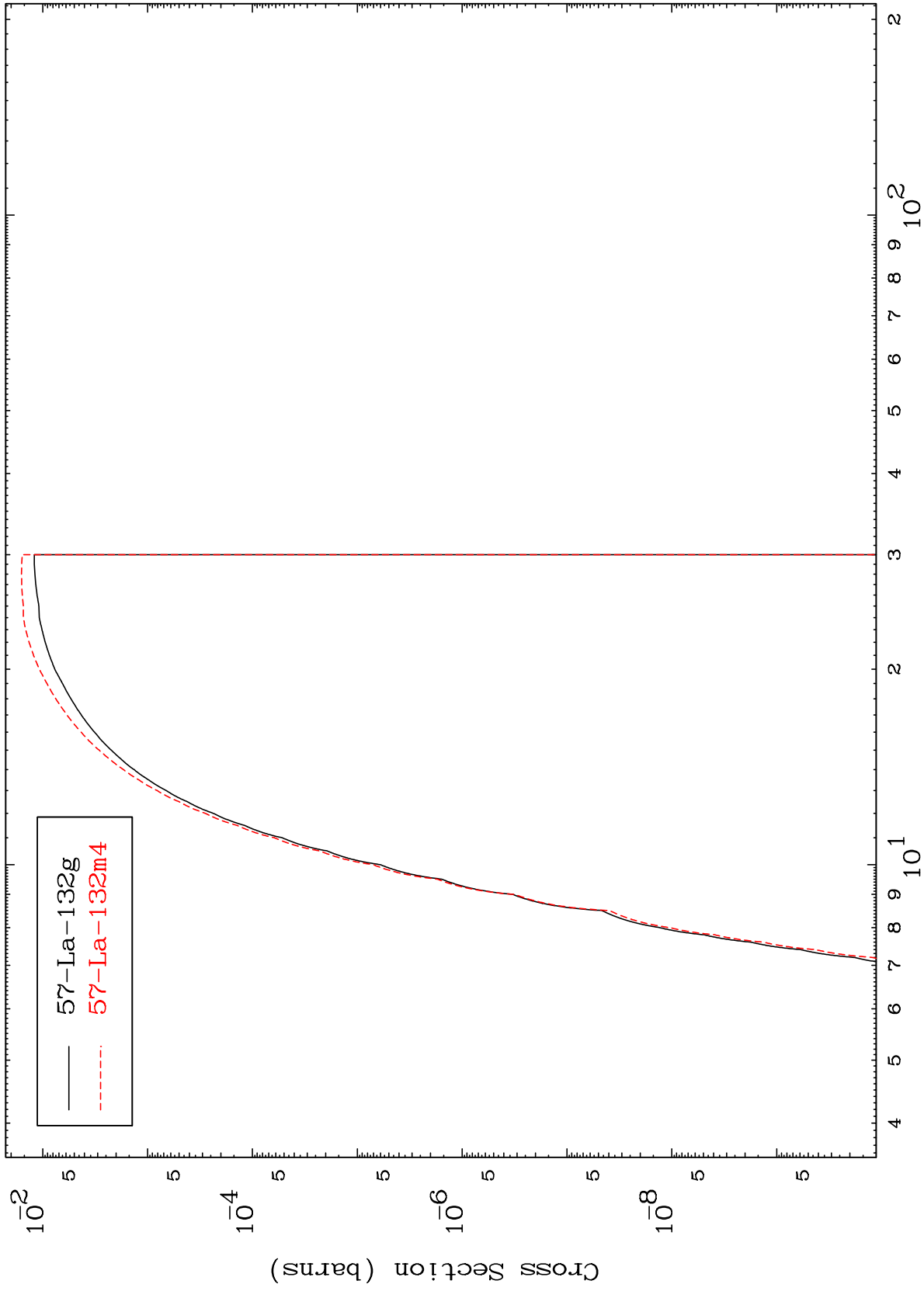
58-Ce-133

25

MAT 5817

58-Ce-133

(n,d)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

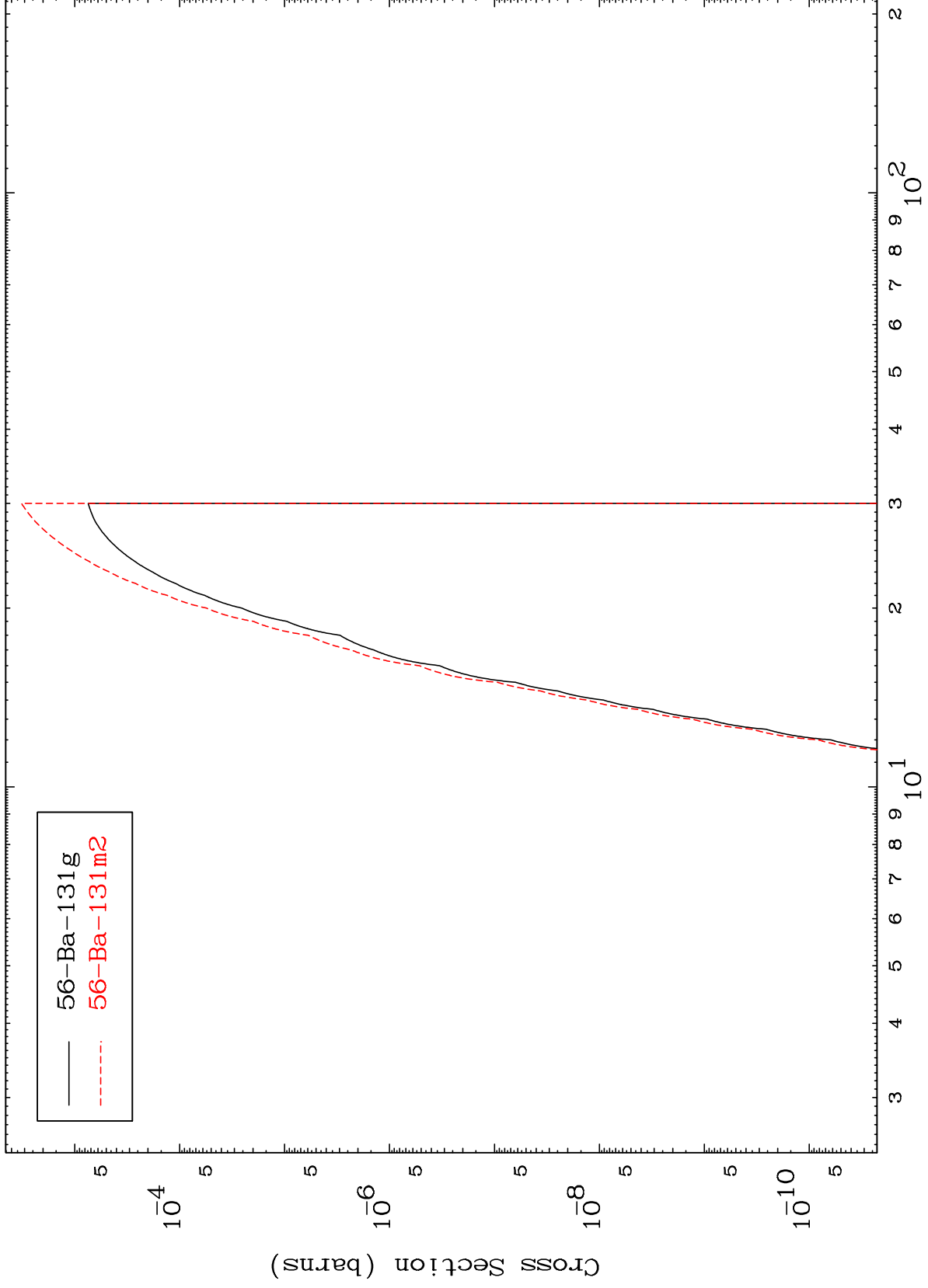
58-Ce-133

MAT 5817

(n,He-3)

58-Ce-133

Radionuclide Production Cross Section



27

Incident Energy (MeV)

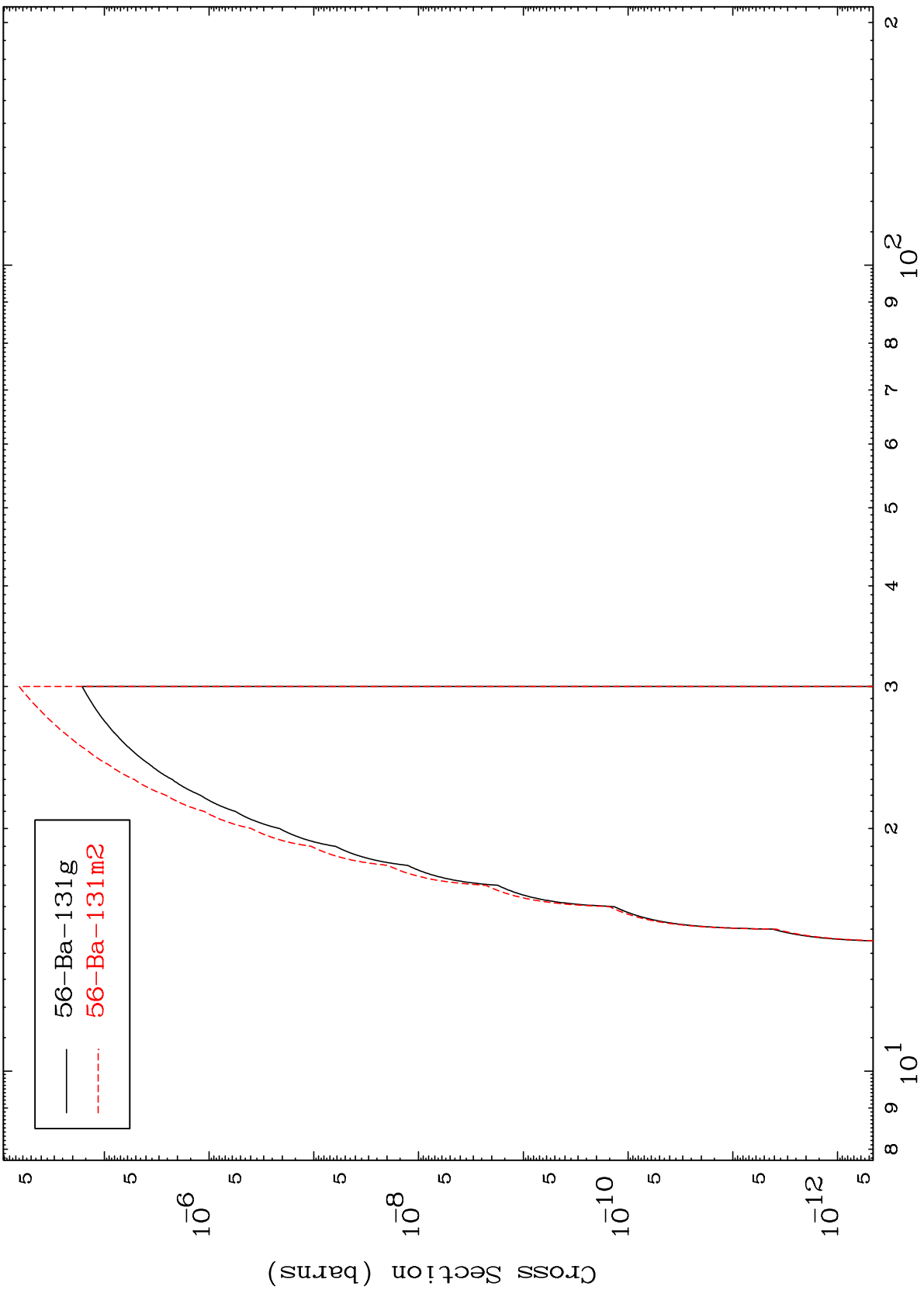
58-Ce-133

MAT 5817

(n,p) d

58-Ce-133

Radionuclide Production Cross Section



28

Incident Energy (MeV)

58-Ce-133