

Program EVALPLOT
(Version 2018-1)

by

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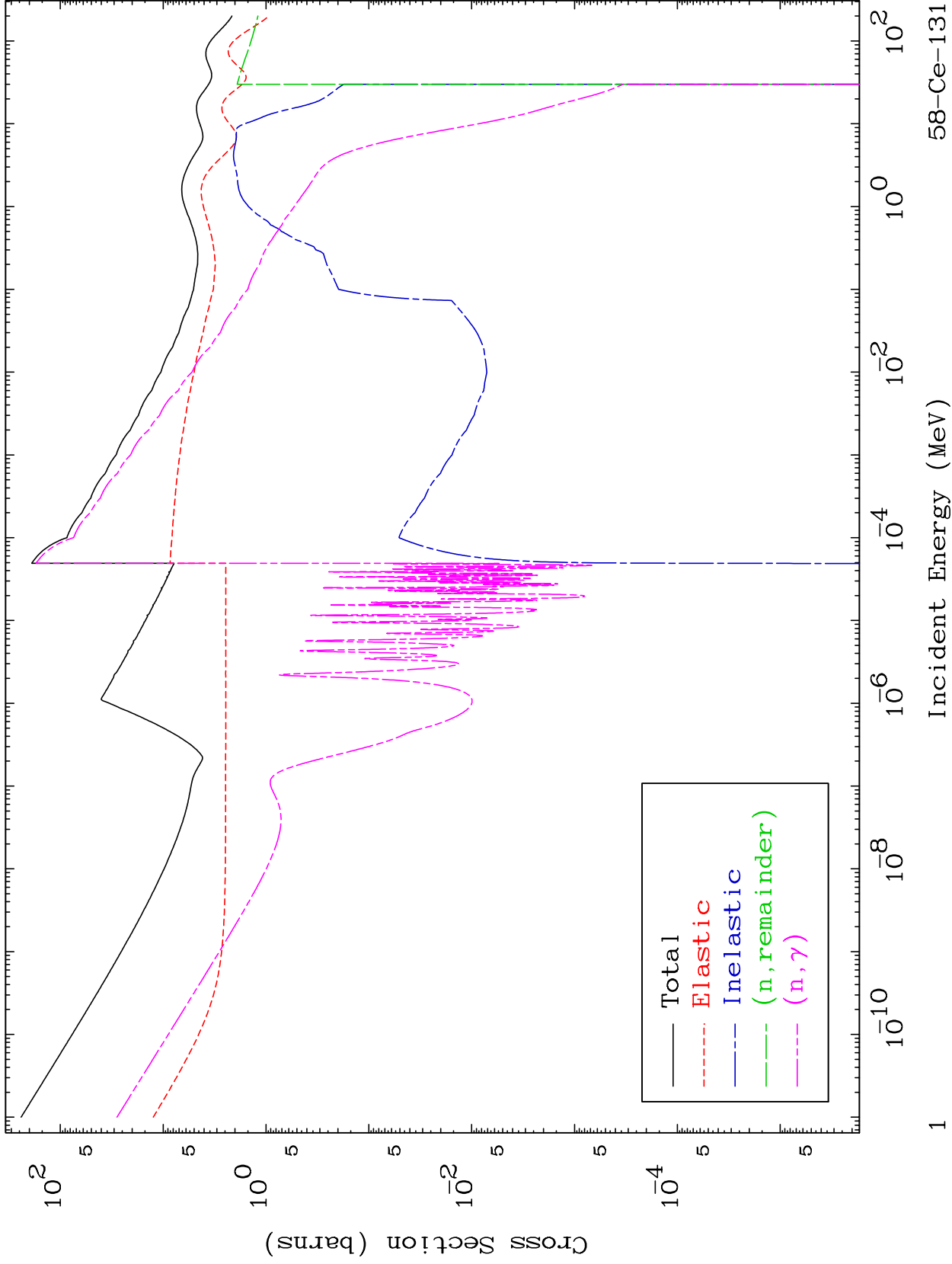
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5811

Major
293 Kelvin Cross Sections

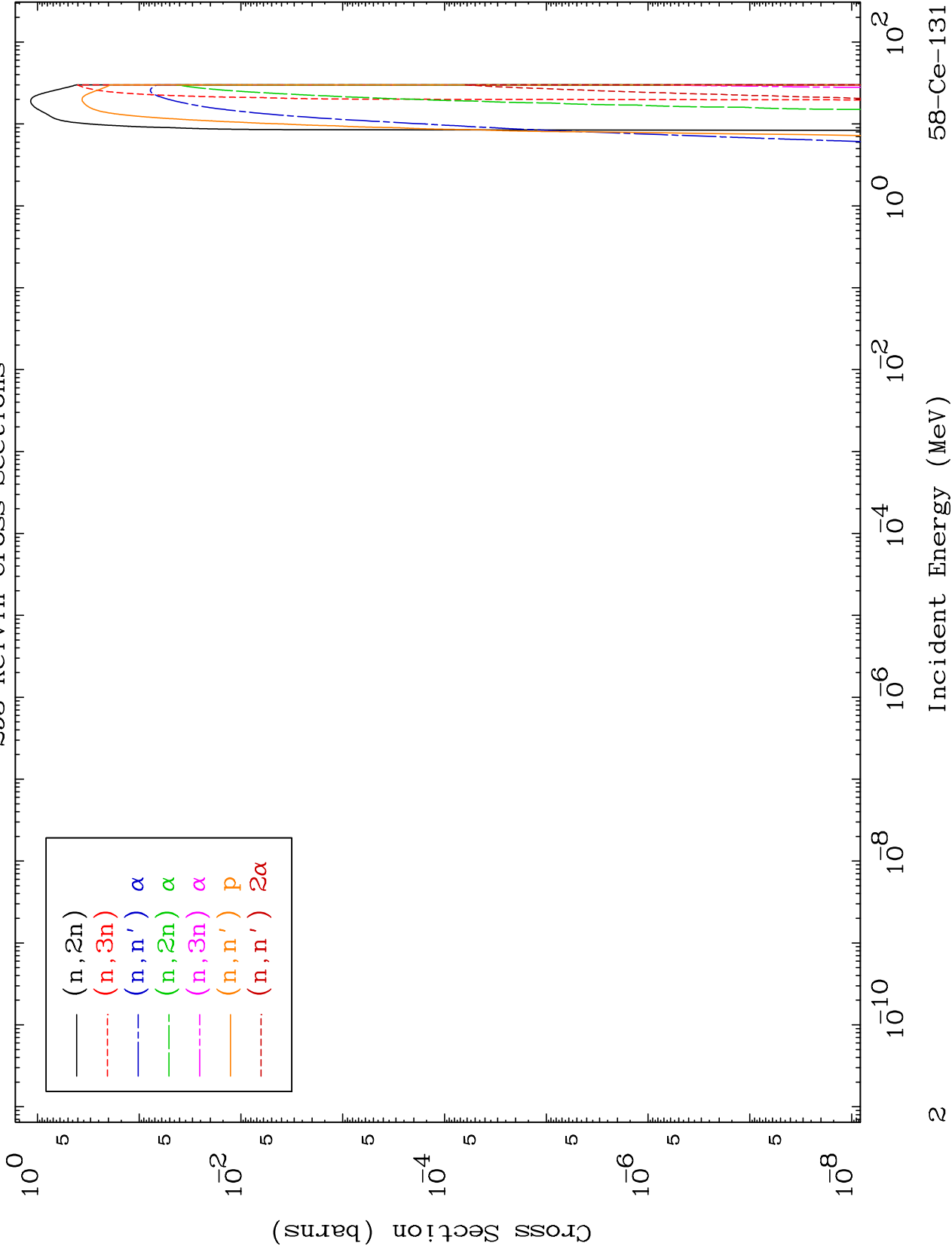
58-Ce-131



MAT 5811

Neutron Production
293 Kelvin Cross Sections

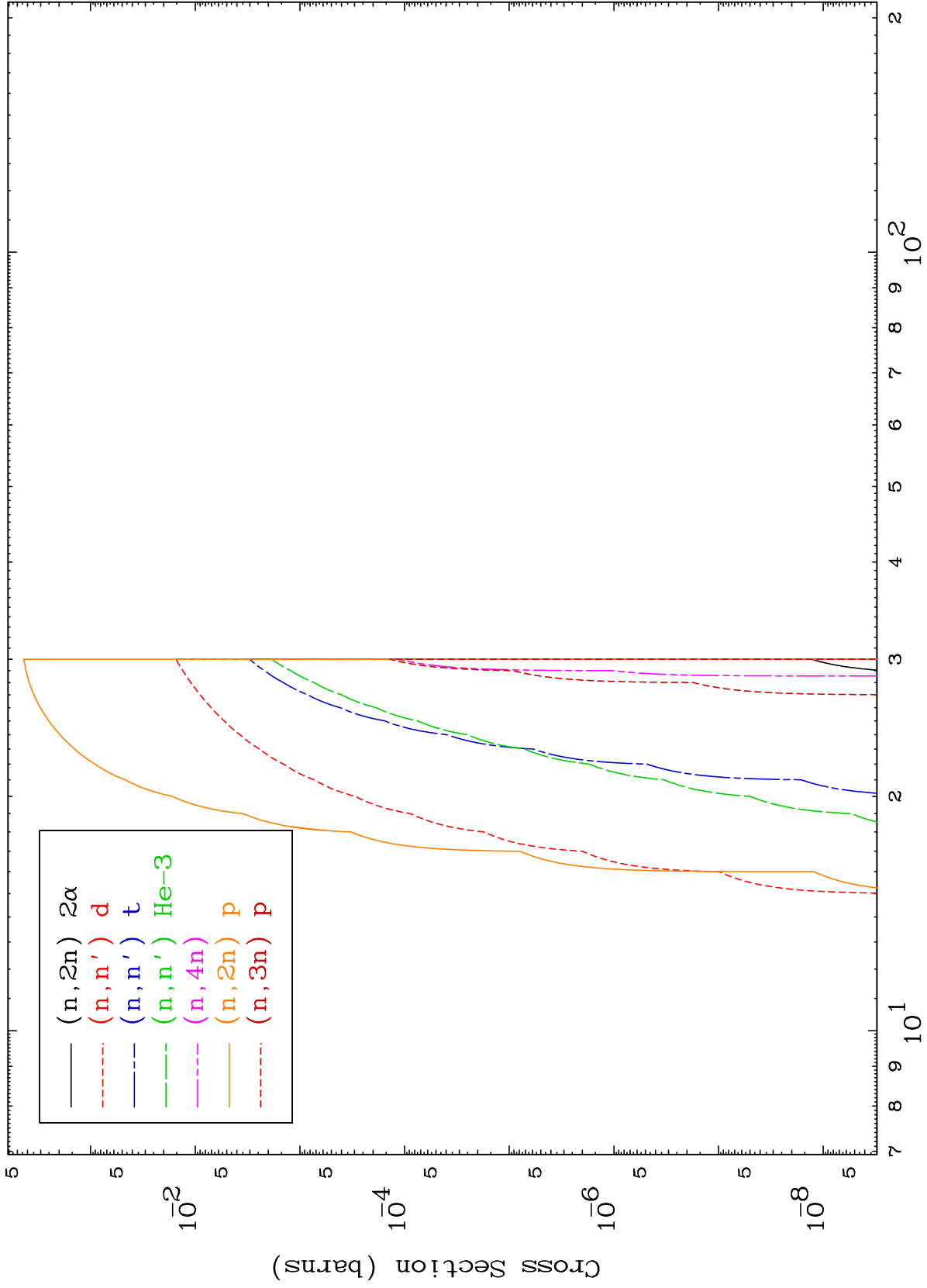
58-Ce-131



MAT 5811

Neutron Production
293 Kelvin Cross Sections

58-Ce-131



Incident Energy (MeV)

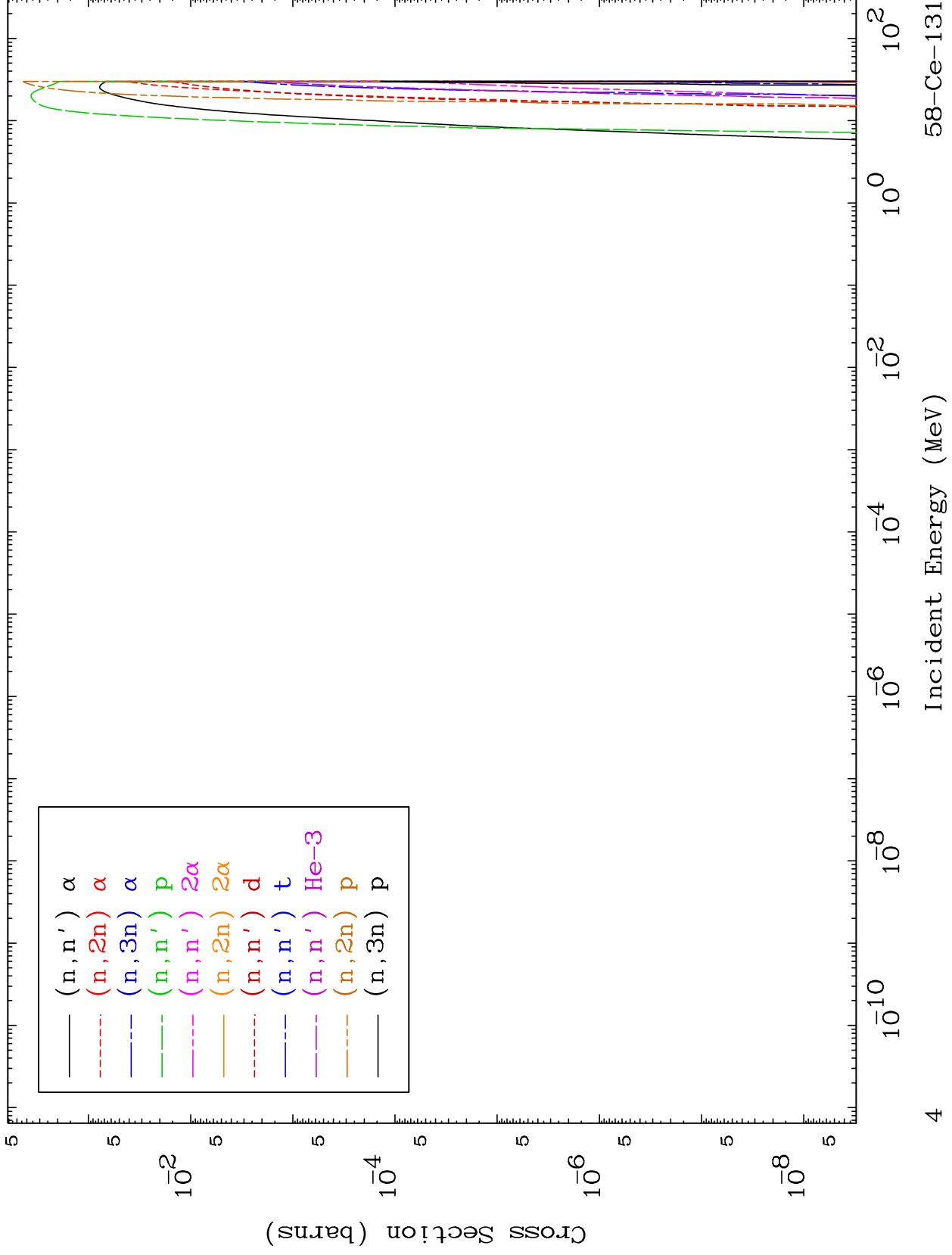
58-Ce-131

3

MAT 5811

Charged Particle
293 Kelvin Cross Sections

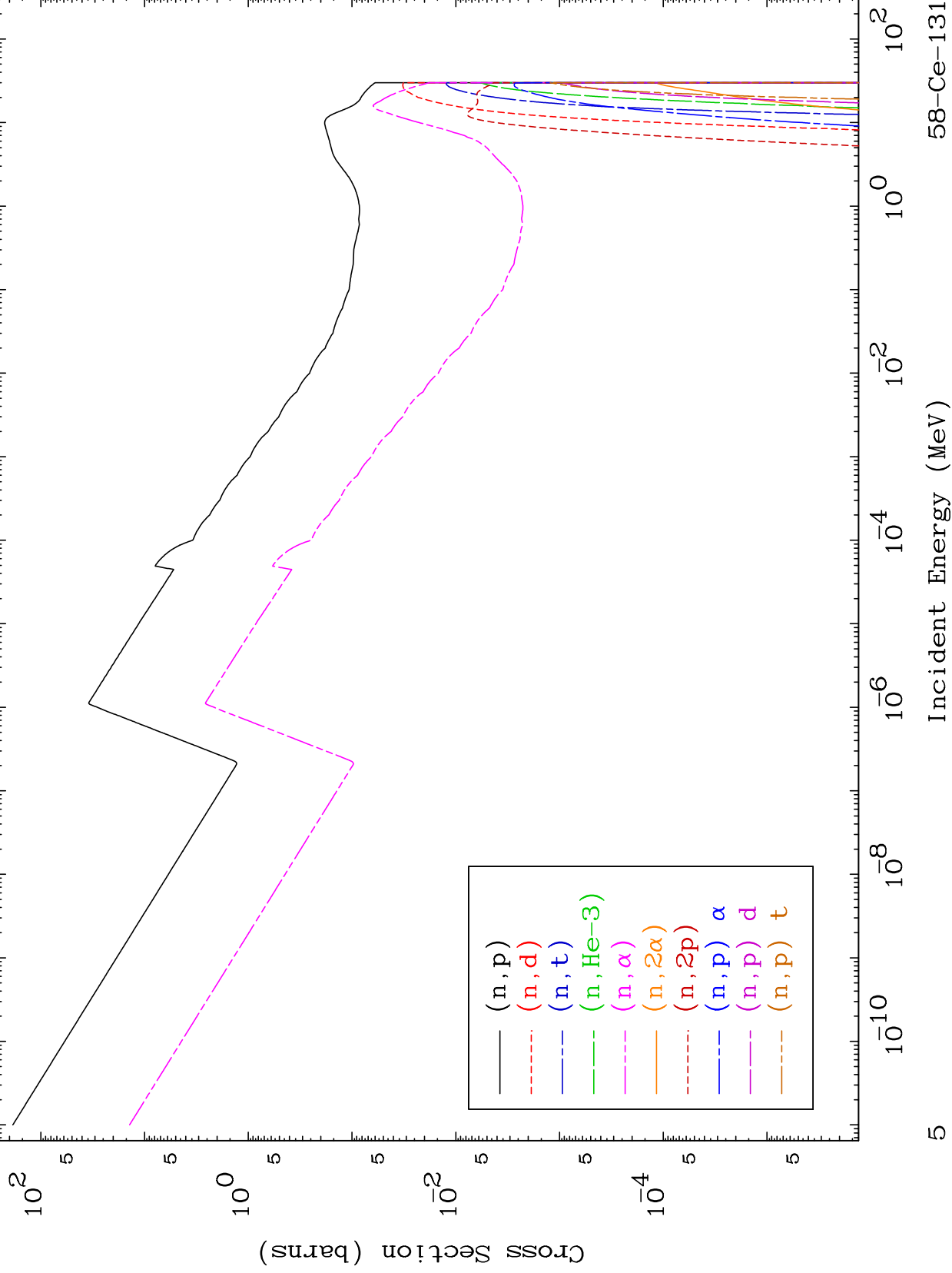
58-Ce-131



MAT 5811

Charged Particle
293 Kelvin Cross Sections

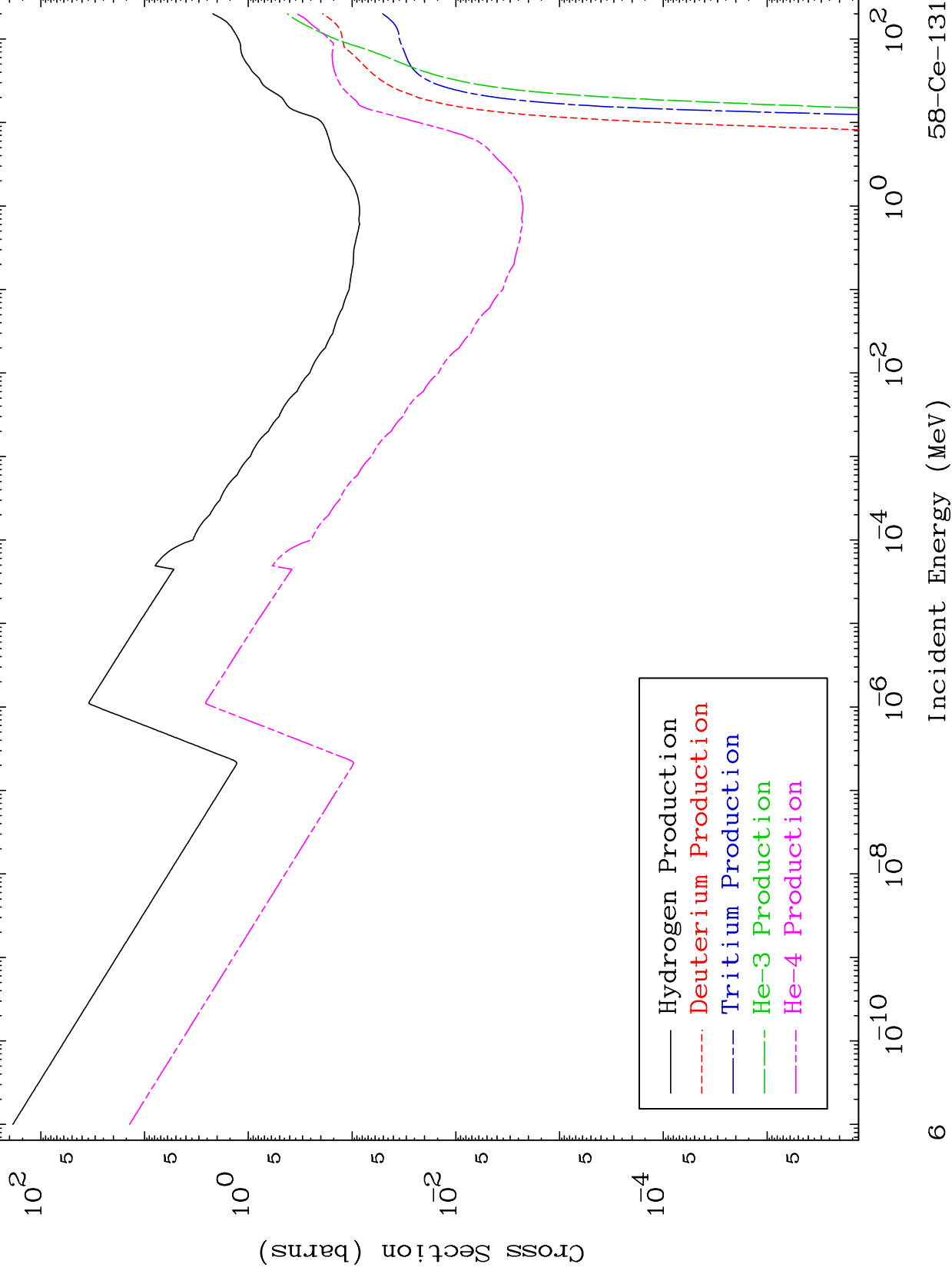
58-Ce-131



MAT 5811

Particle Production
293 Kelvin Cross Sections

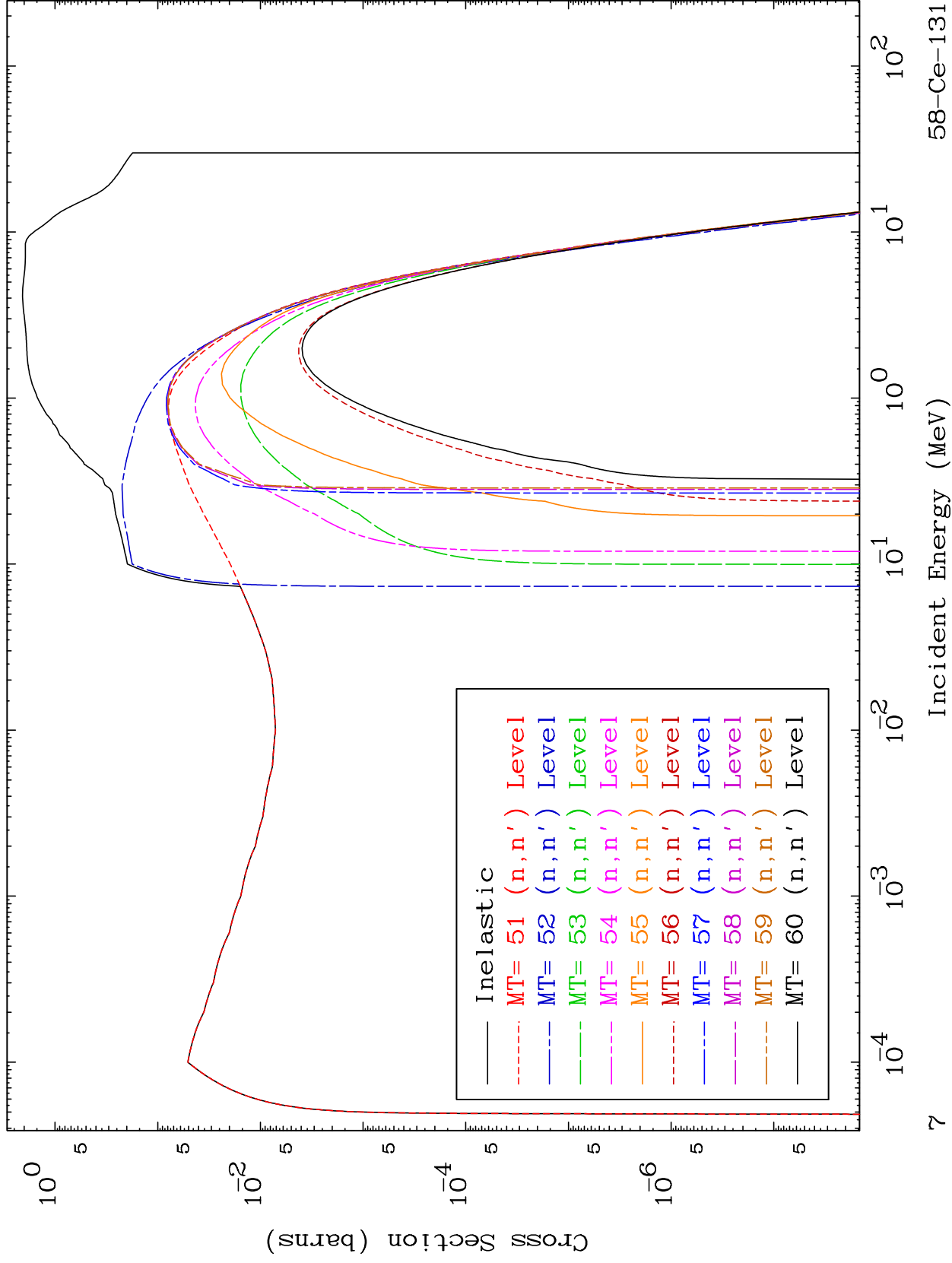
58-Ce-131



MAT 5811

(n,n') Level
293 Kelvin Cross Sections

58-Ce-131

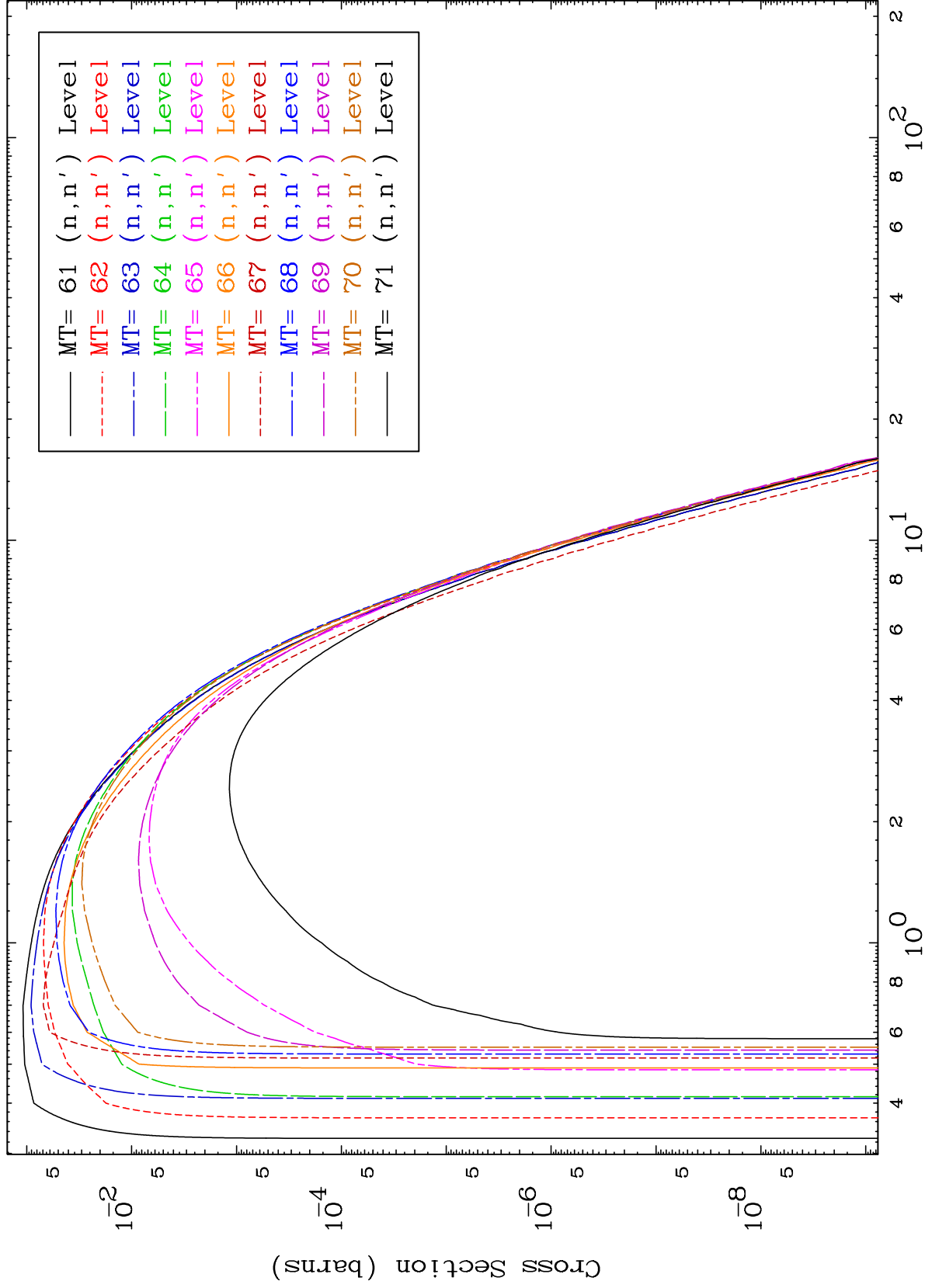


MAT 5811

(n,n') Level

58-Ce-131

293 Kelvin Cross Sections



8

Incident Energy (MeV)

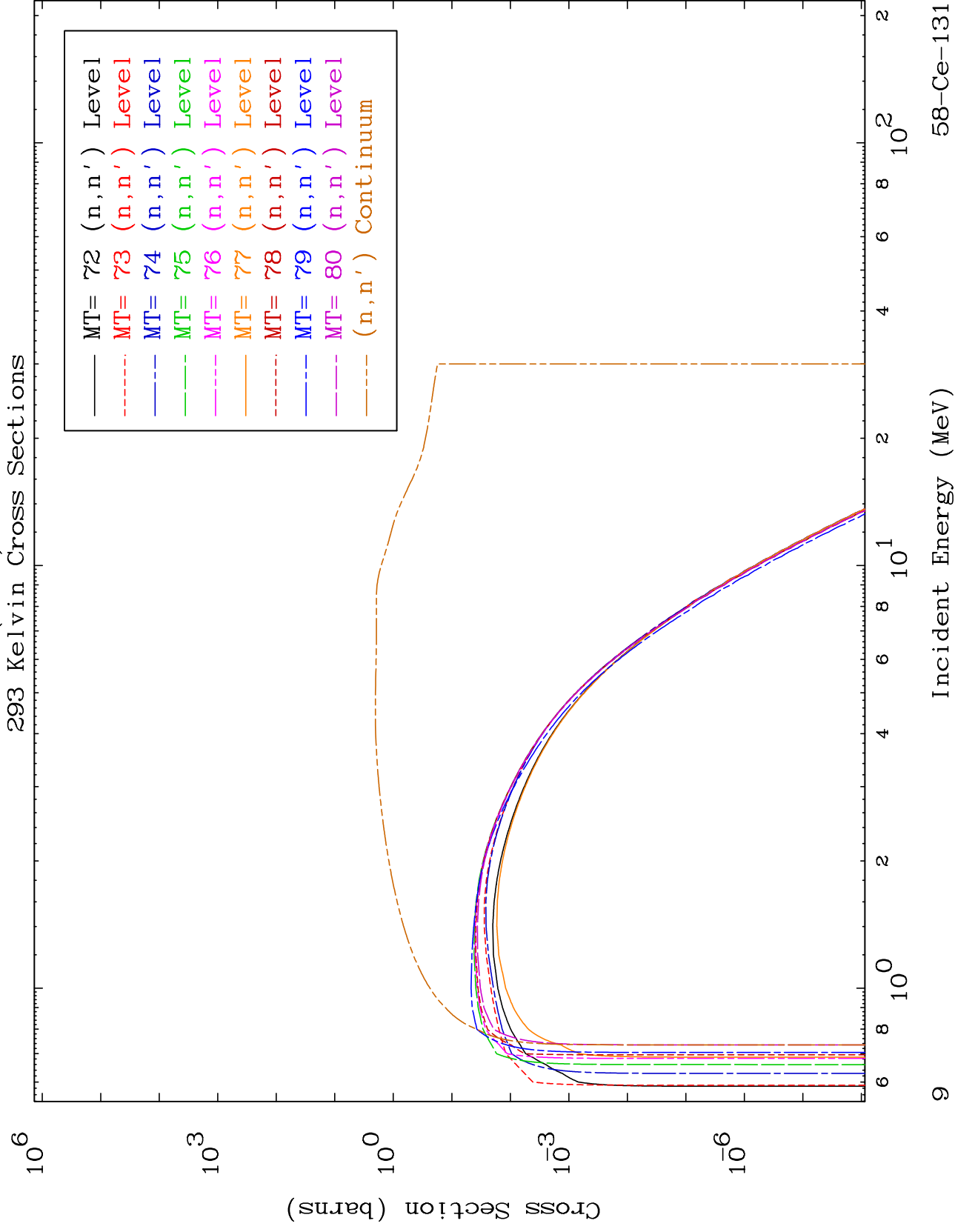
58-Ce-131

MAT 5811

(n,n') Level

58-Ce-131

293 Kelvin Cross Sections



9

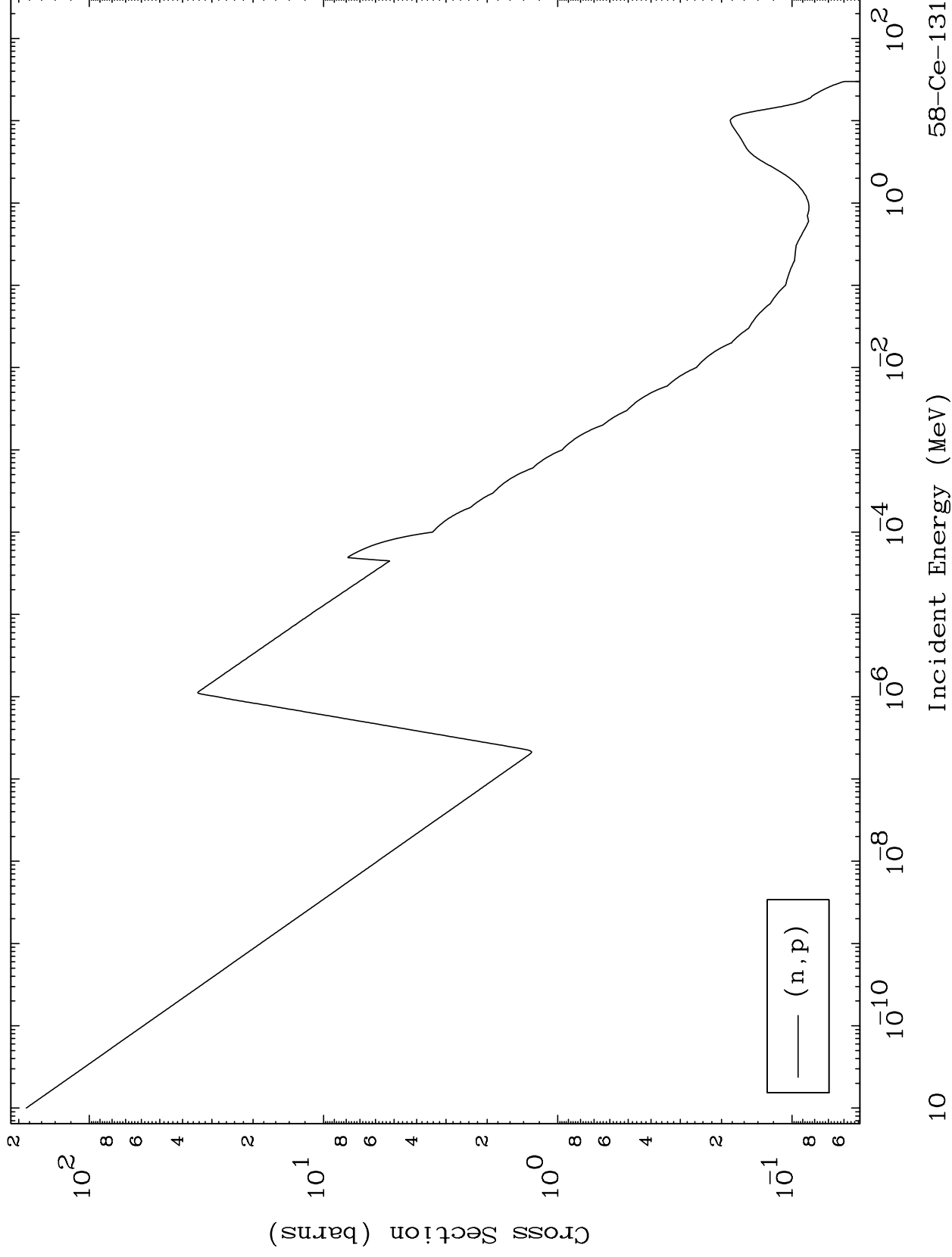
Incident Energy (MeV)

58-Ce-131

MAT 5811

(n,p) Levels
293 Kelvin Cross Sections

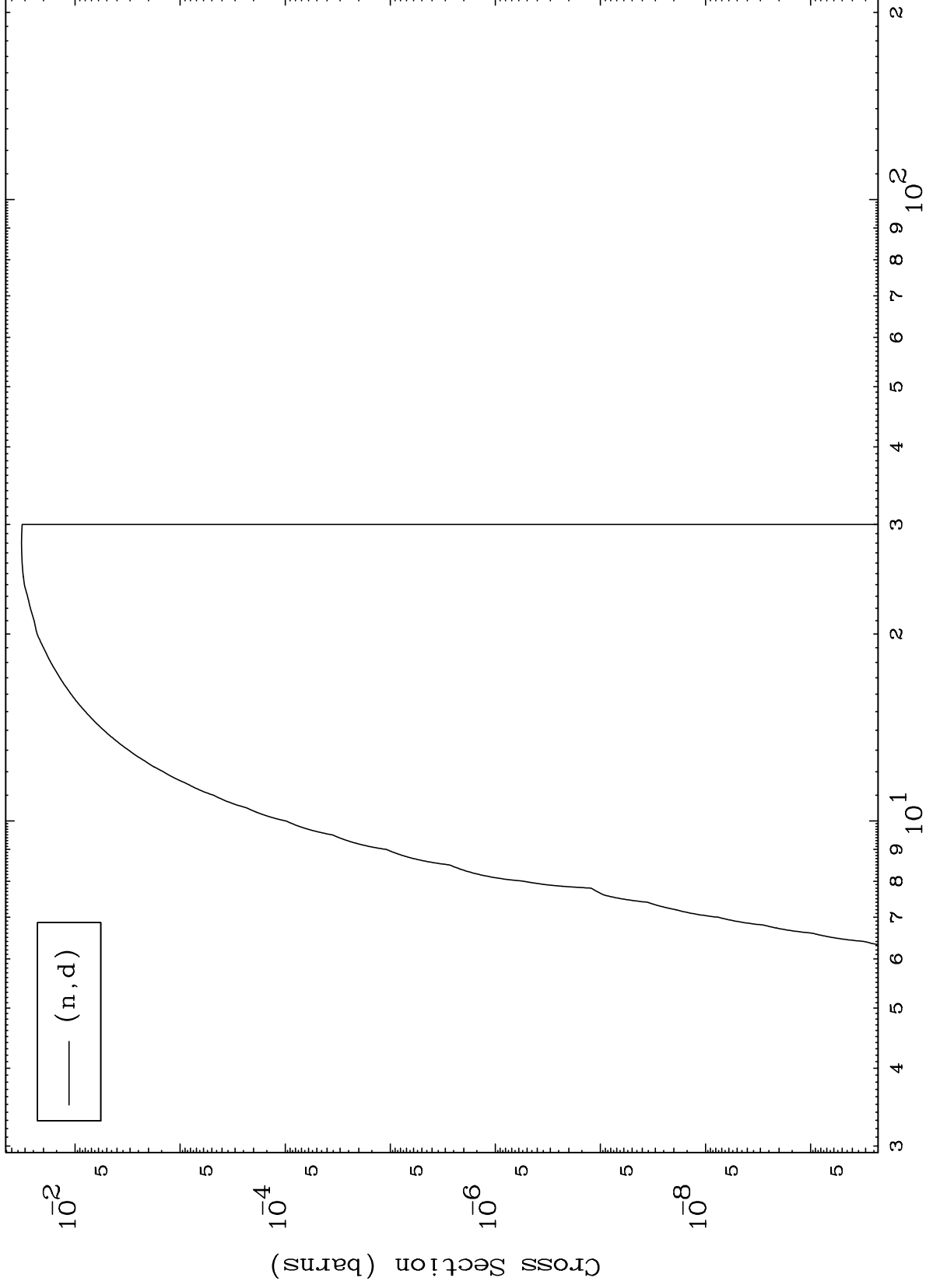
58-Ce-131



MAT 5811

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-131



11

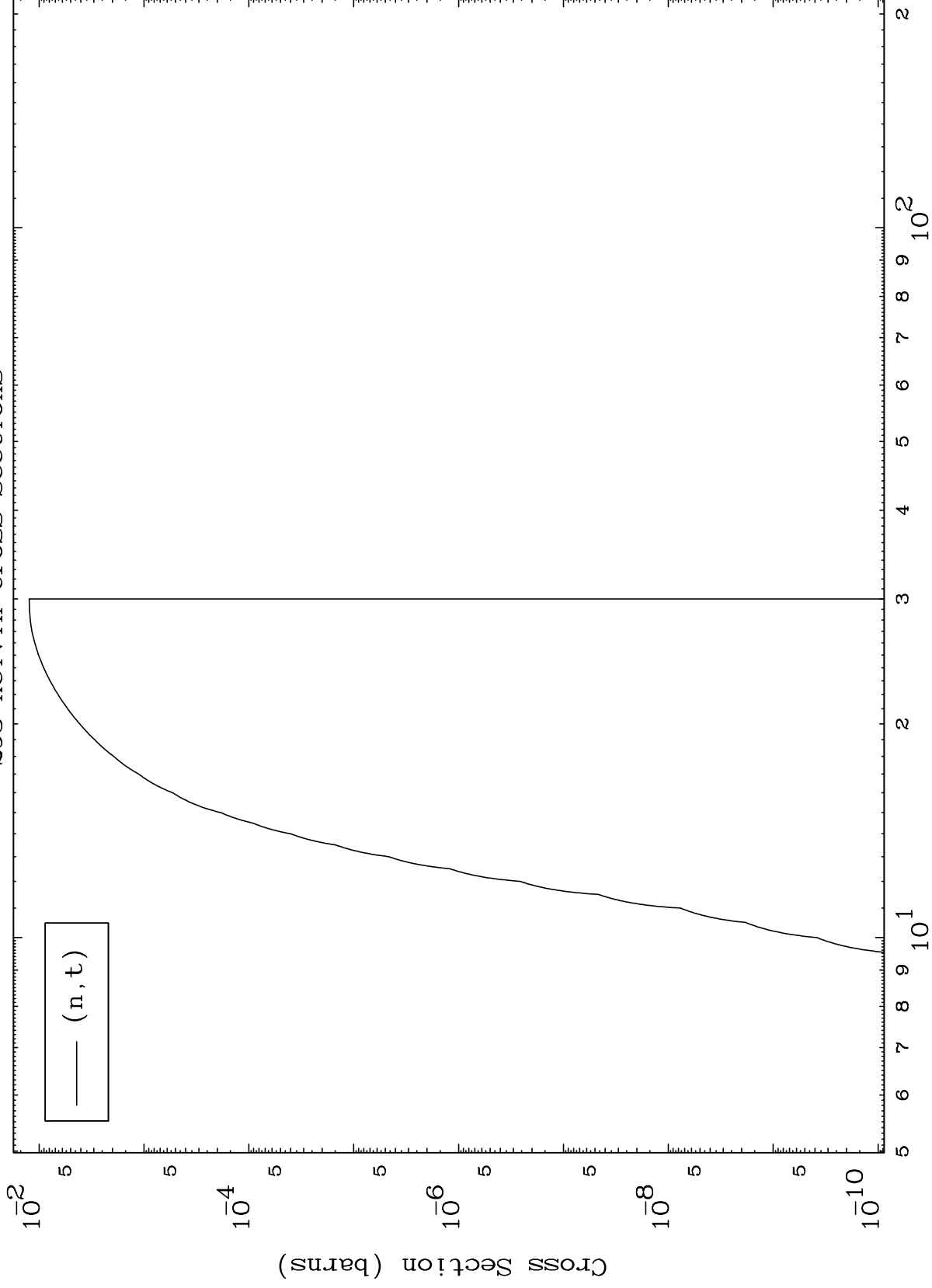
Incident Energy (MeV)

58-Ce-131

MAT 5811

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-131



12

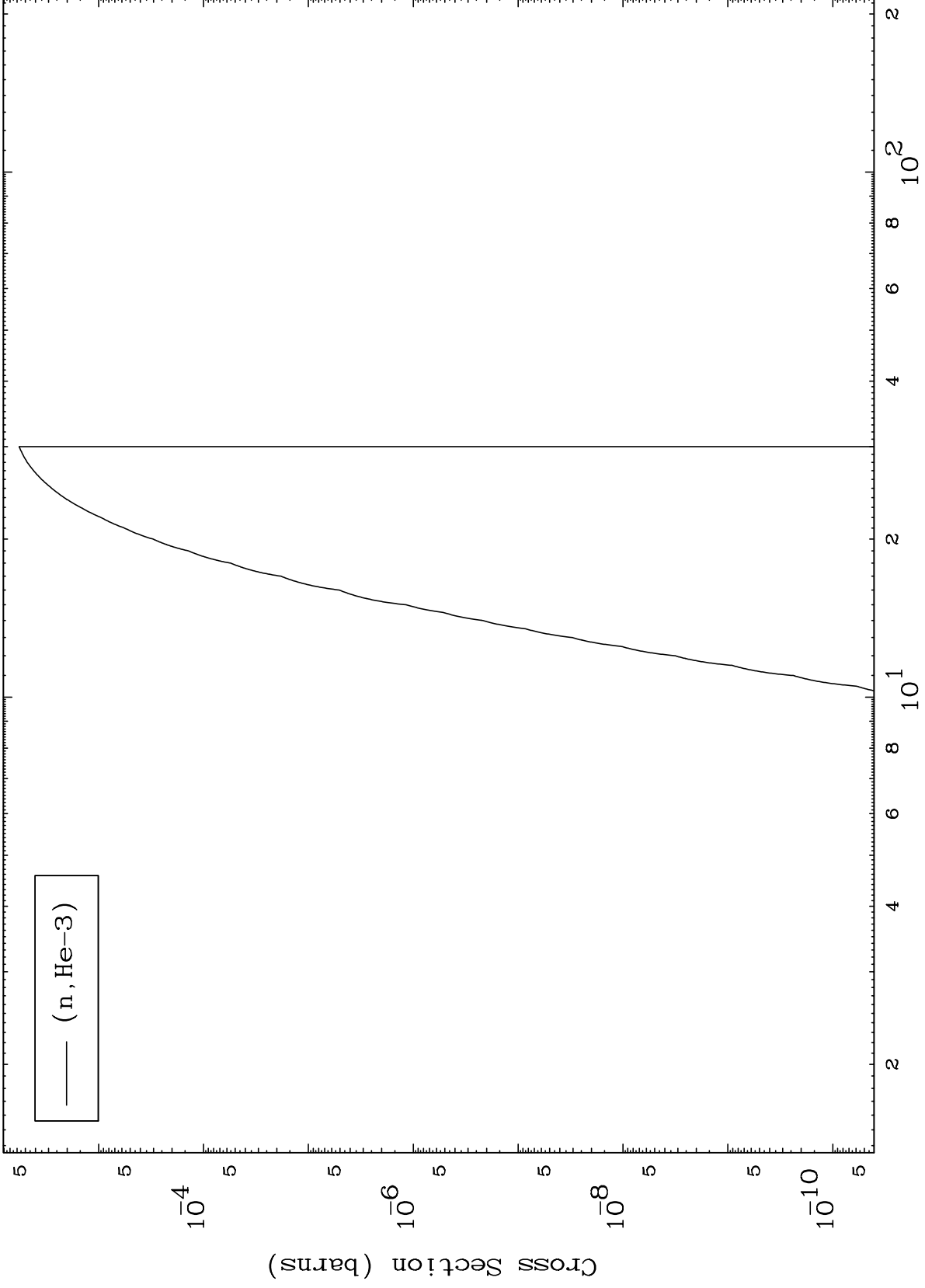
Incident Energy (MeV)

58-Ce-131

MAT 5811

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-131



13

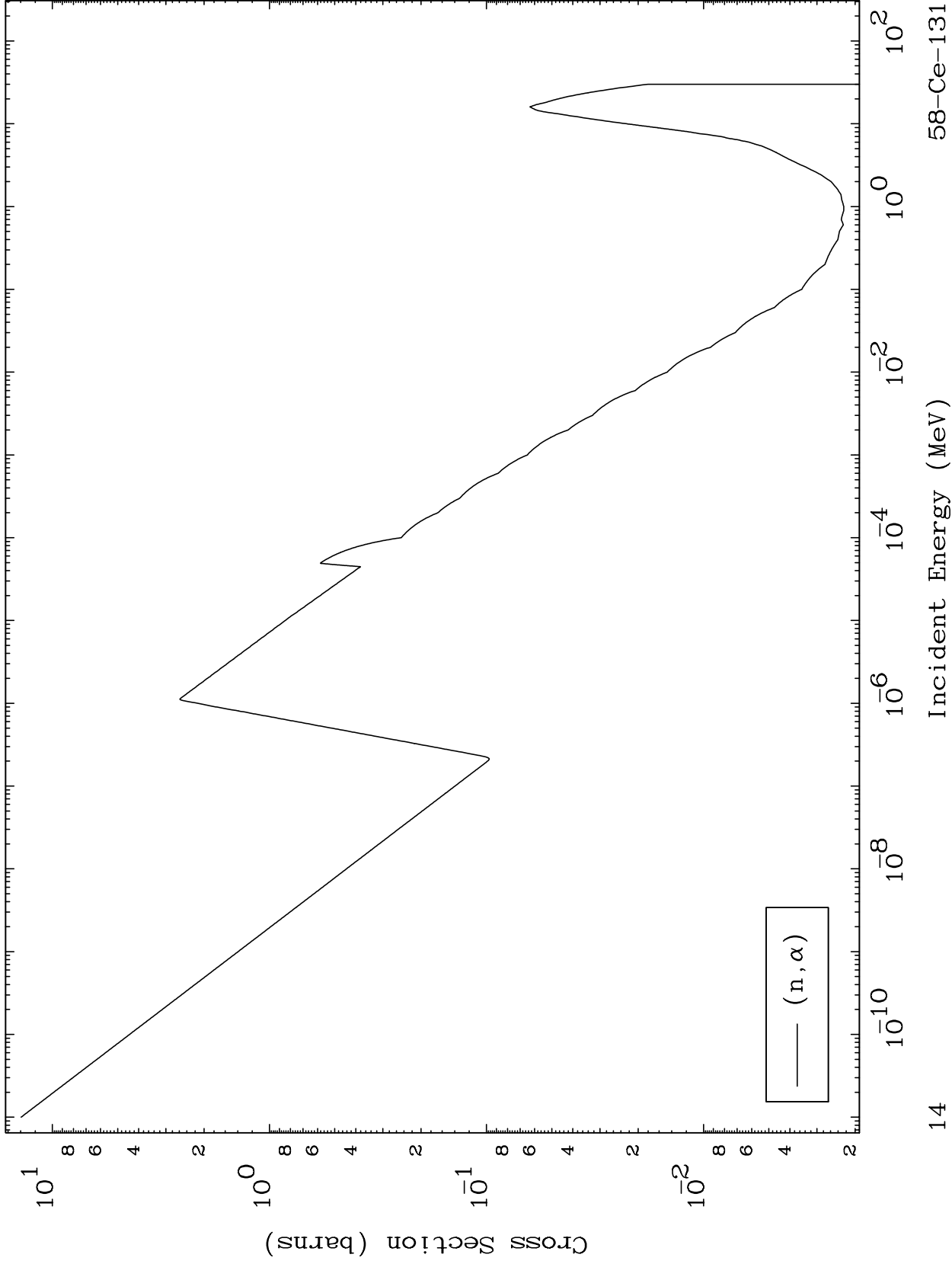
Incident Energy (MeV)

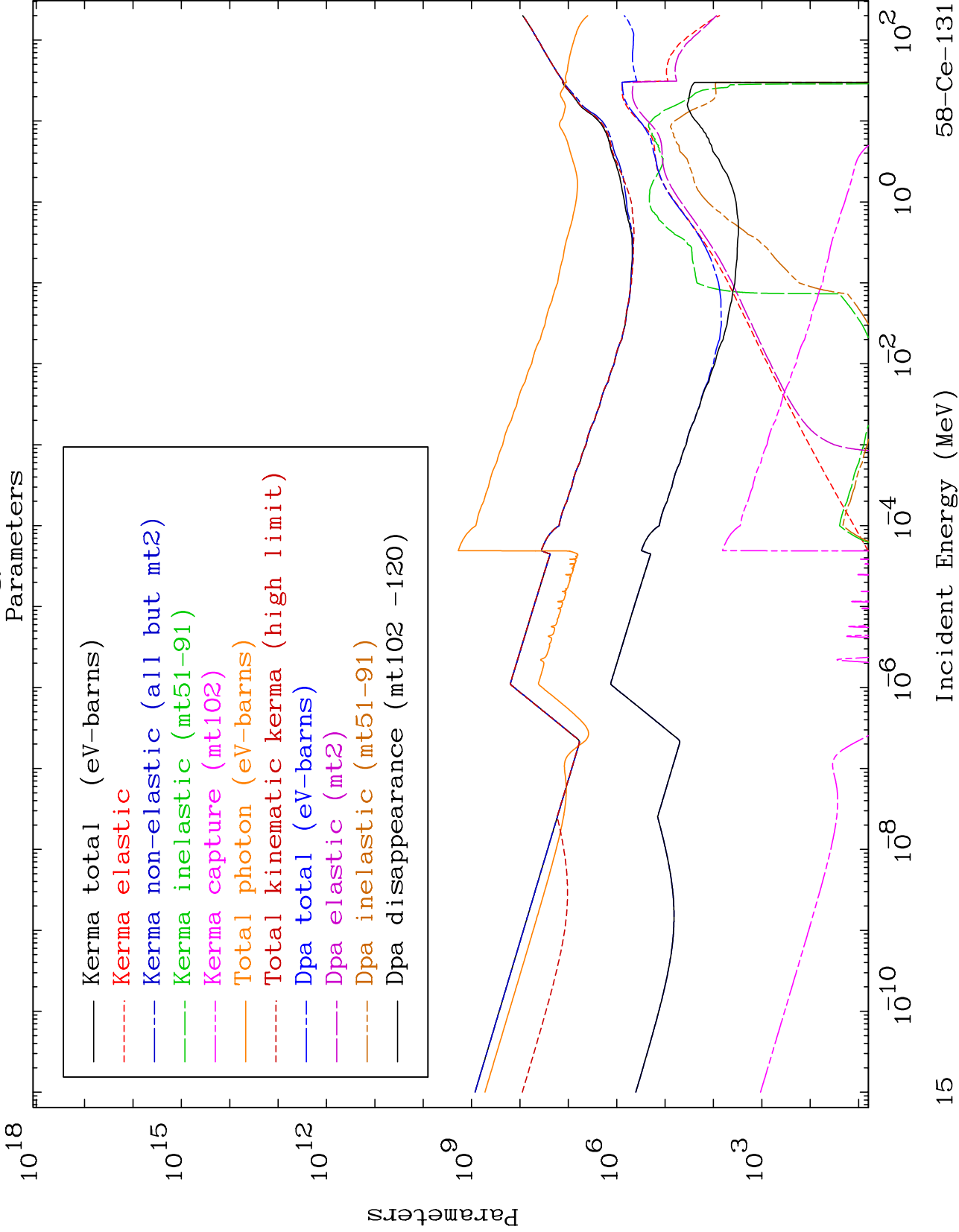
58-Ce-131

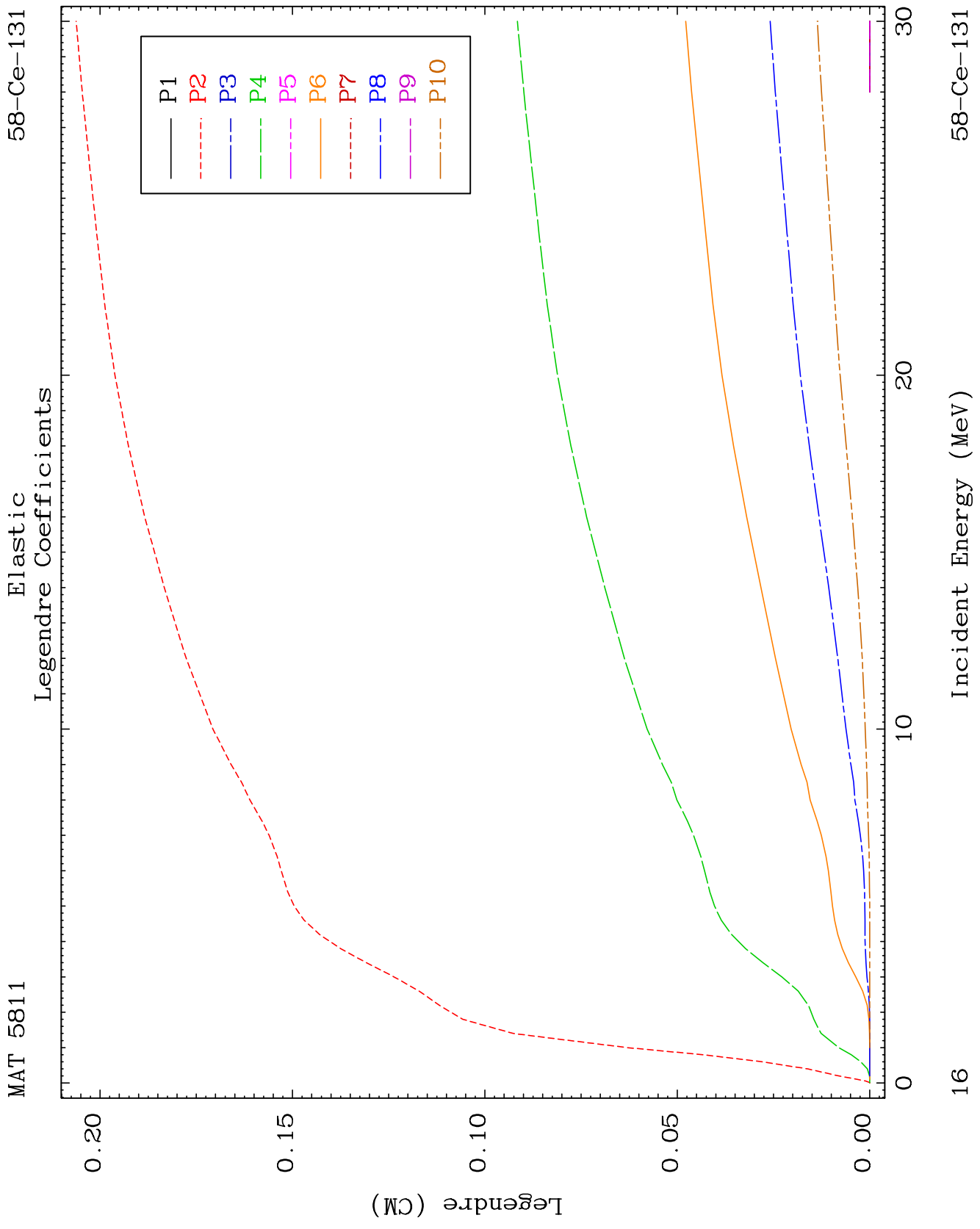
MAT 5811

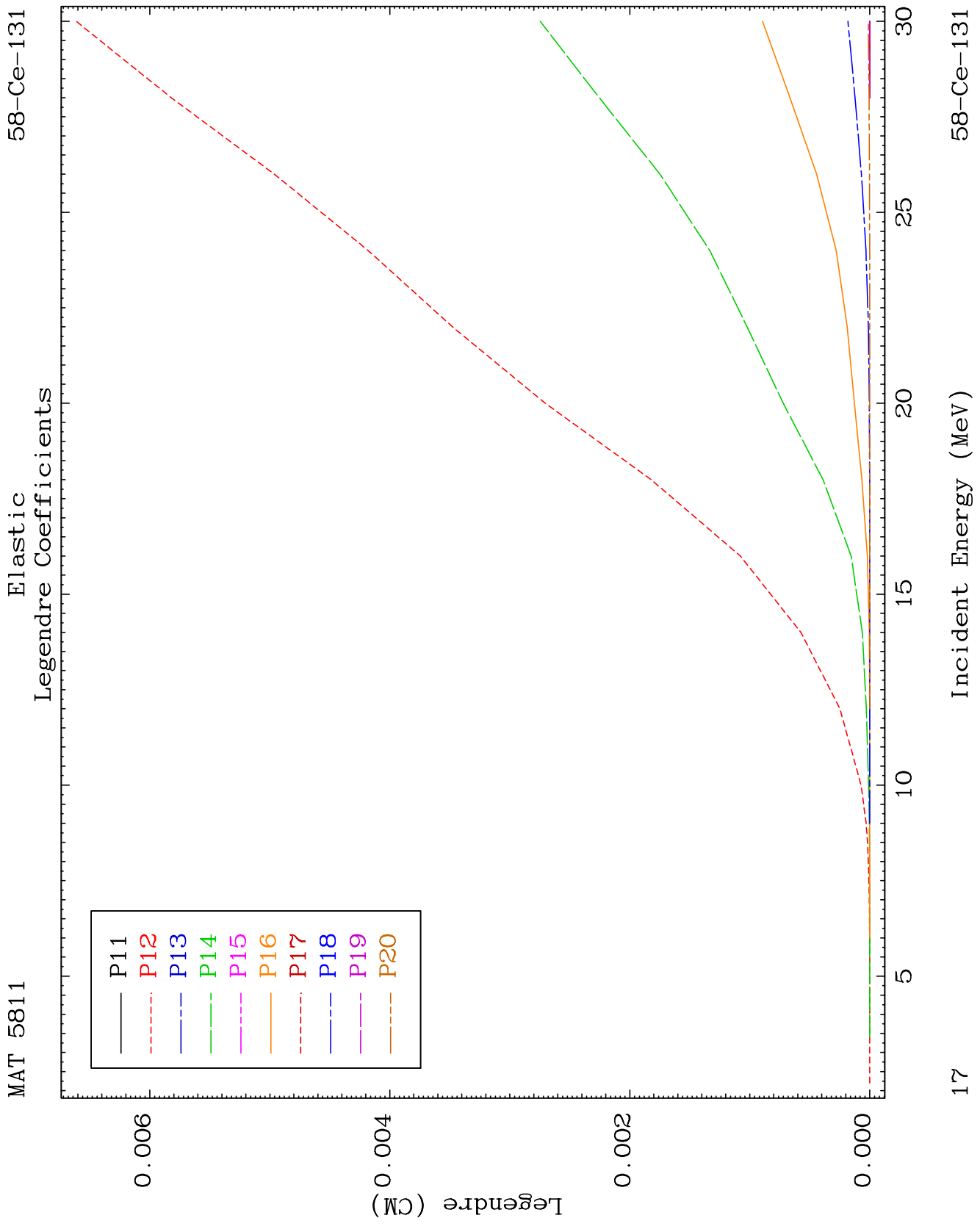
(n,α) Levels
293 Kelvin Cross Sections

58-Ce-131





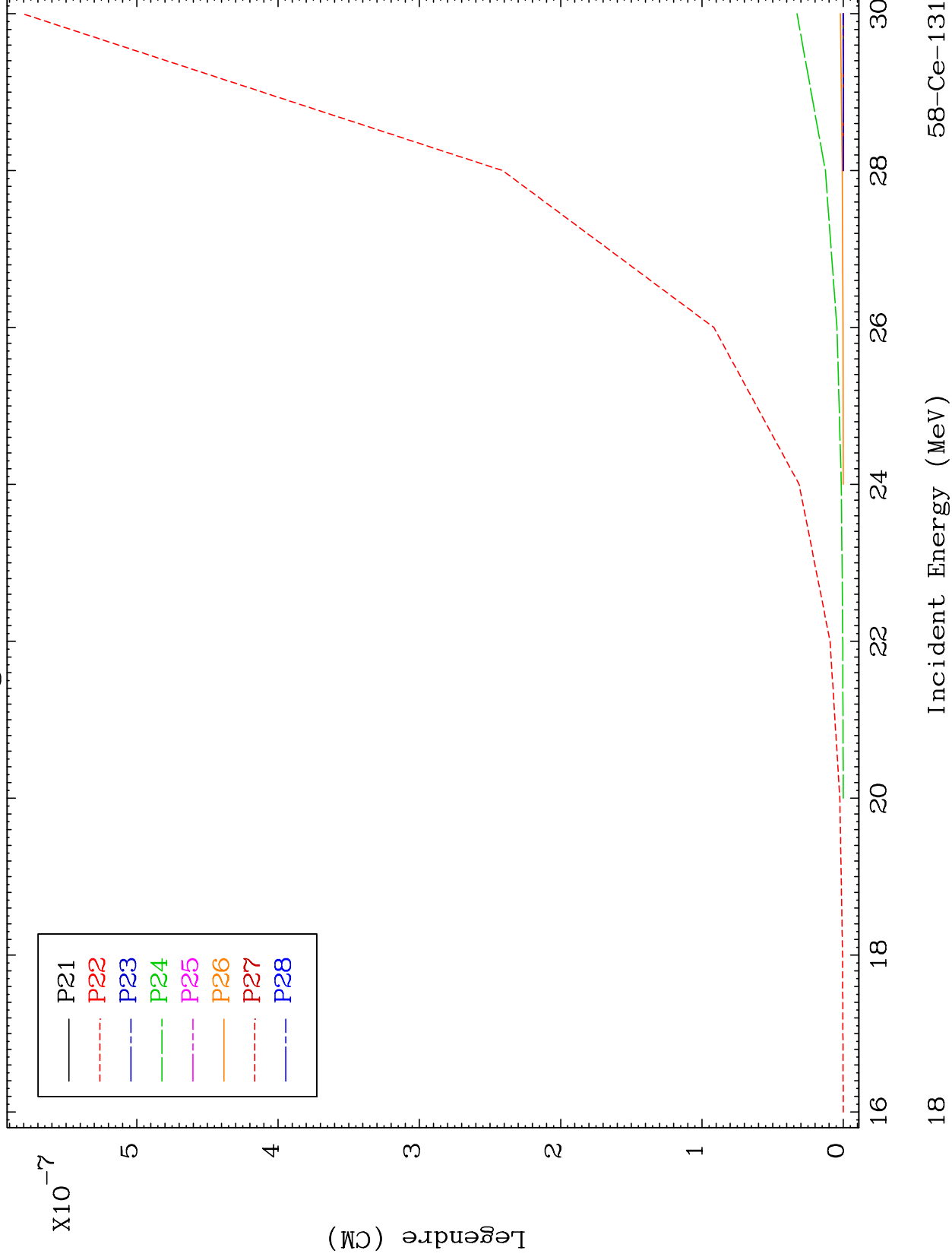




MAT 5811

Elastic
Legendre Coefficients

58-Ce-131



18

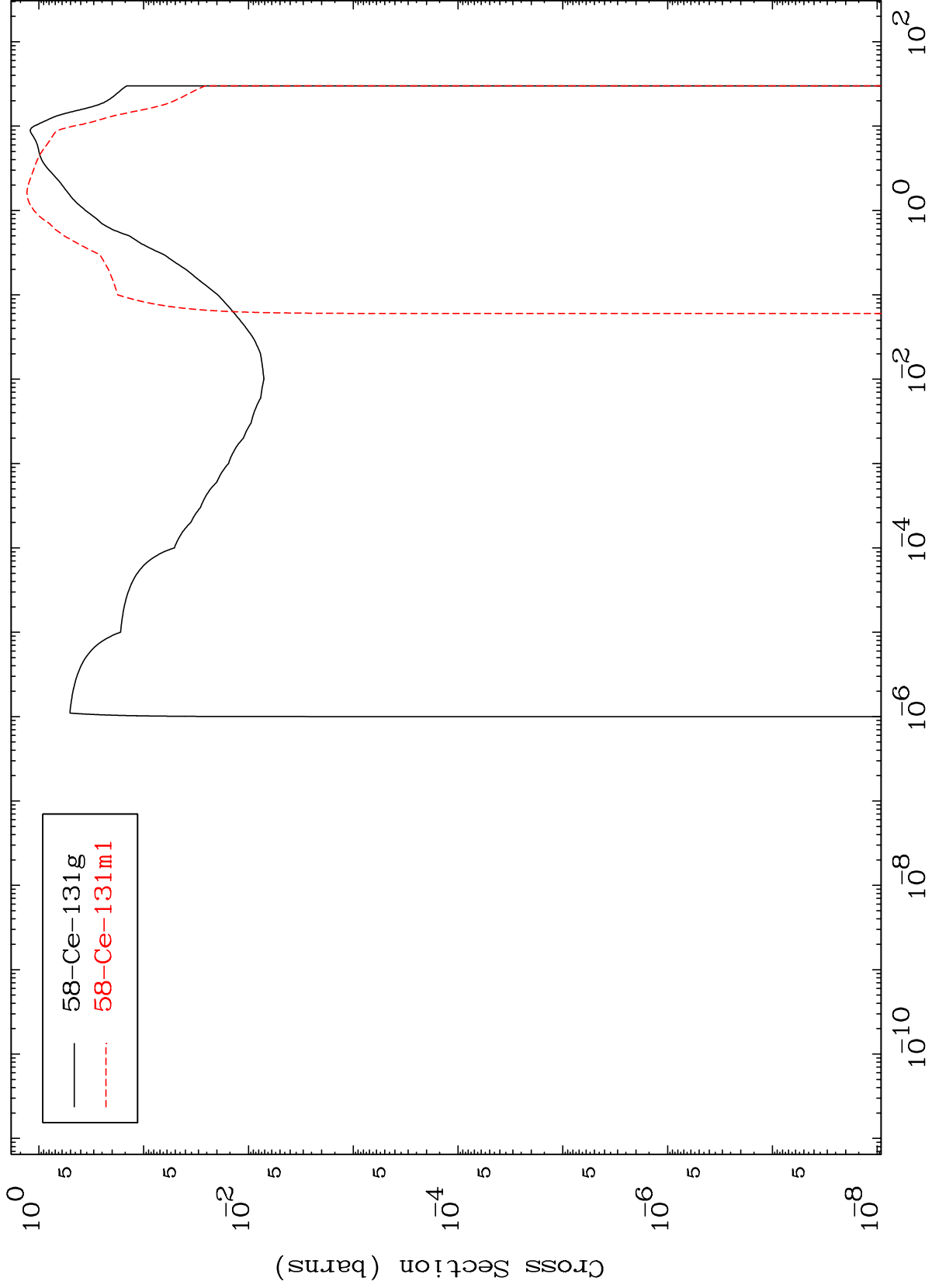
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

Inelastic
Radionuclide Production Cross Section



19

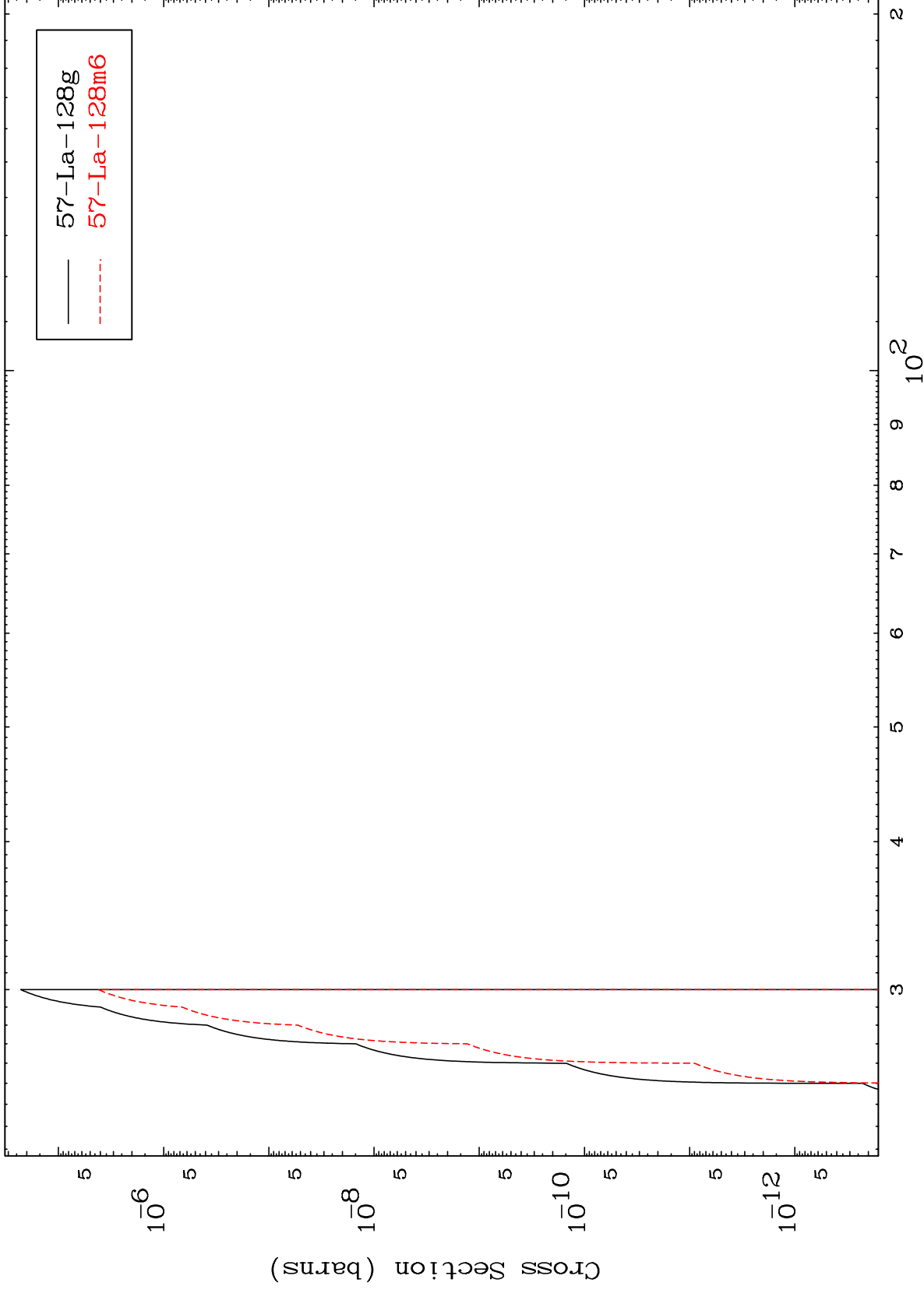
58-Ce-131

MAT 58111

(n,2n) d

58-Ce-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

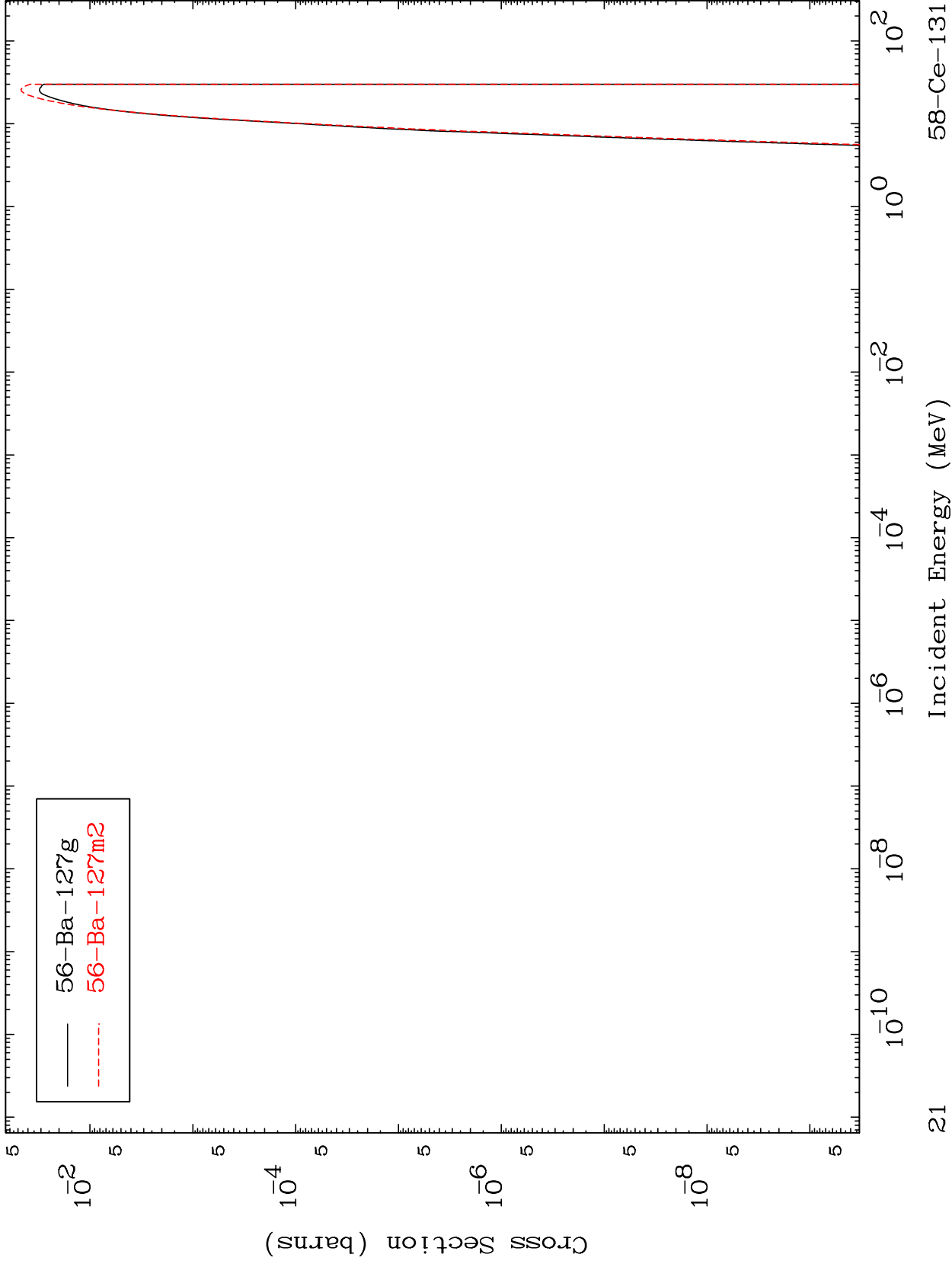
58-Ce-131

MAT 5811

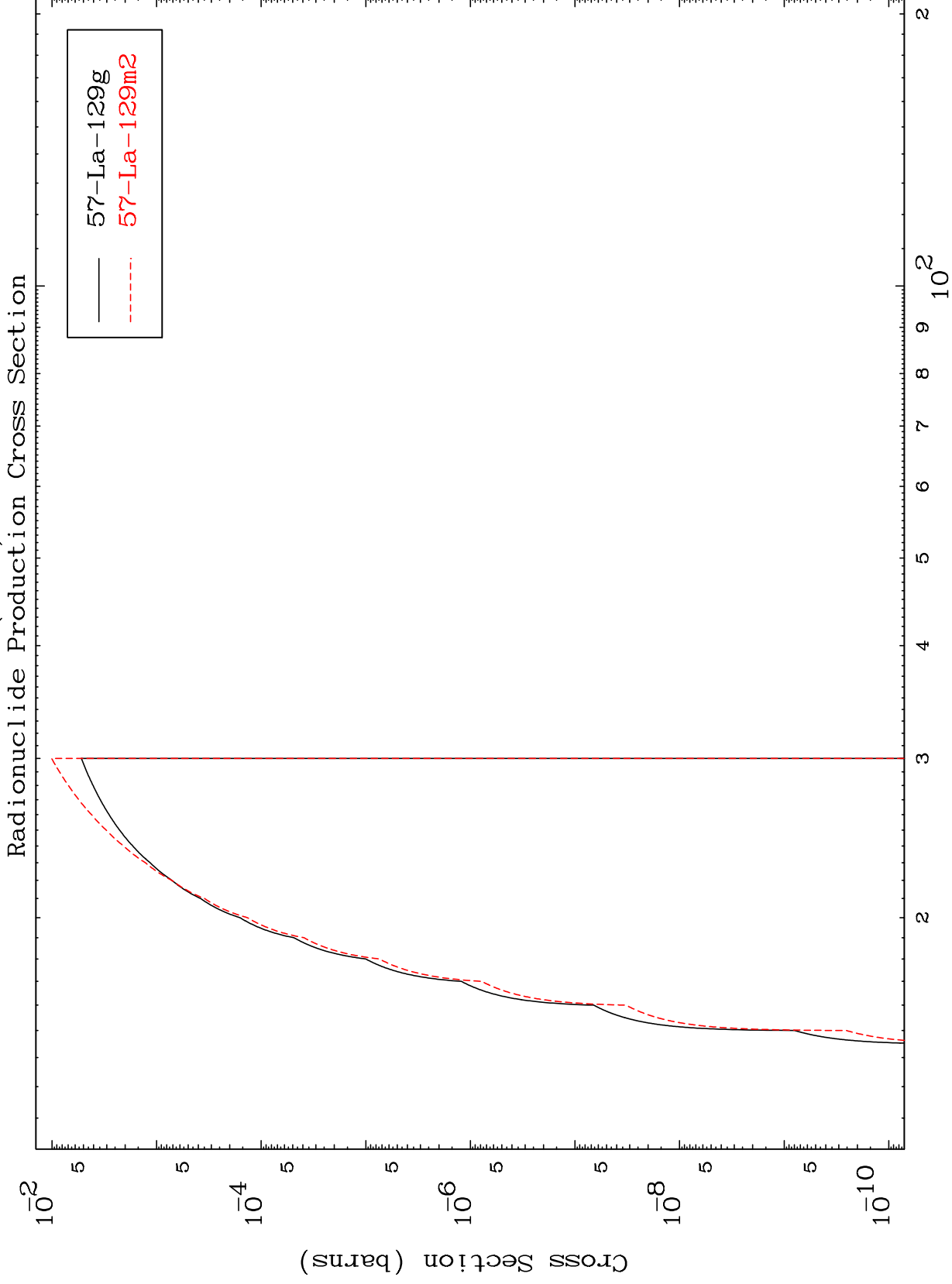
$(n, n') \alpha$

58-Ce-131

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2

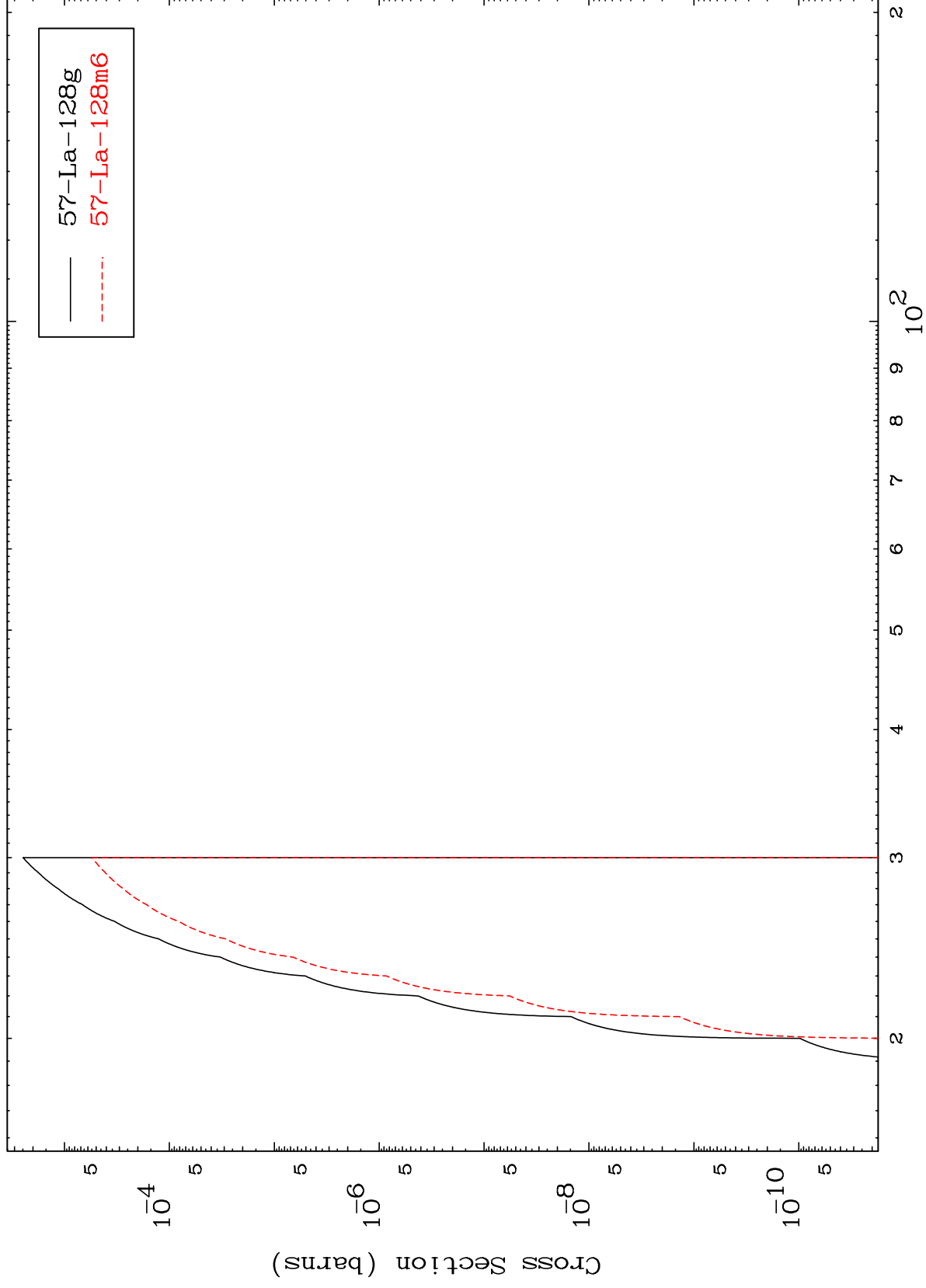


MAT 5811

(n,n') t

58-Ce-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

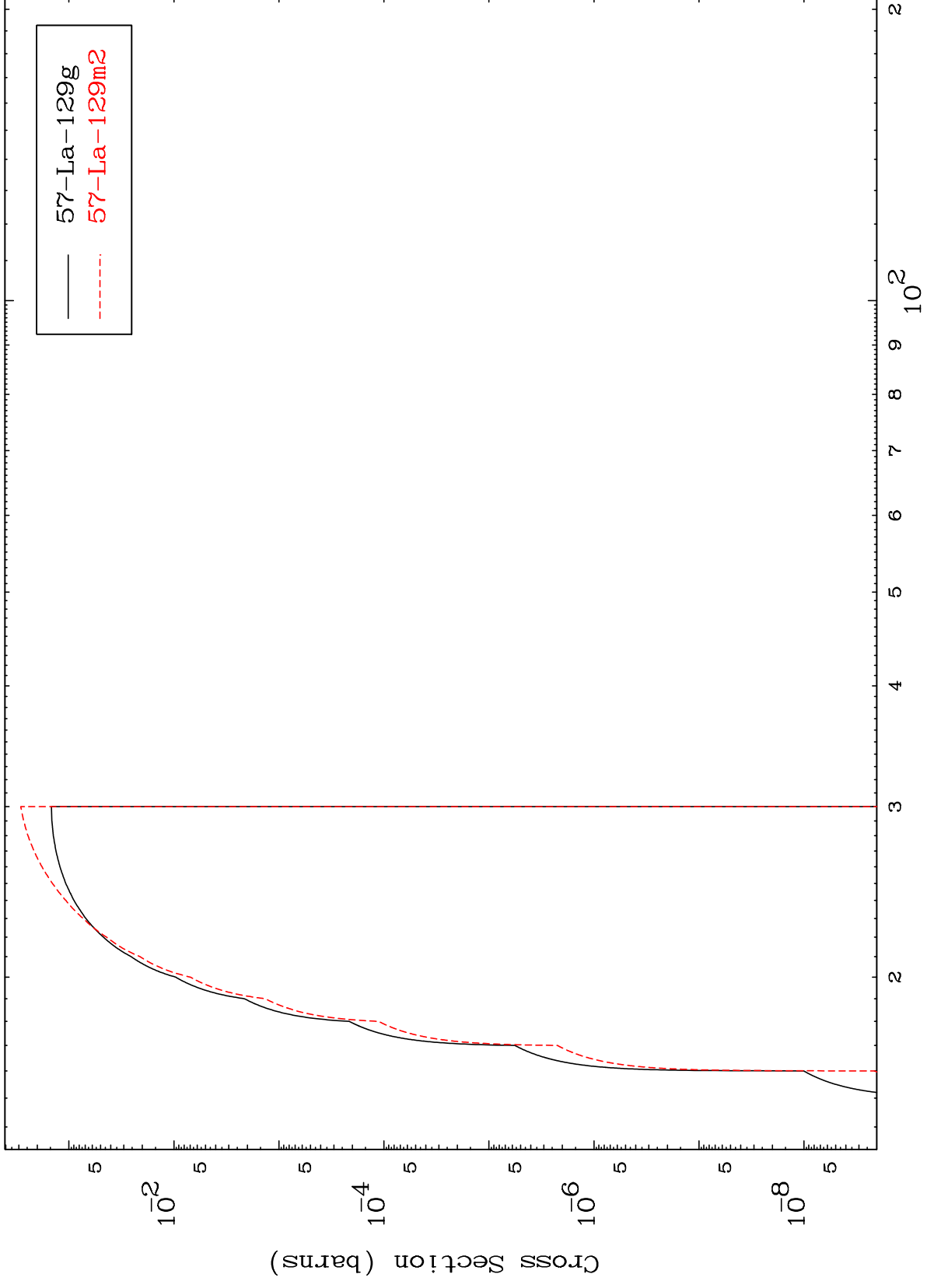
58-Ce-131

MAT 5811

(n,2n) p

58-Ce-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

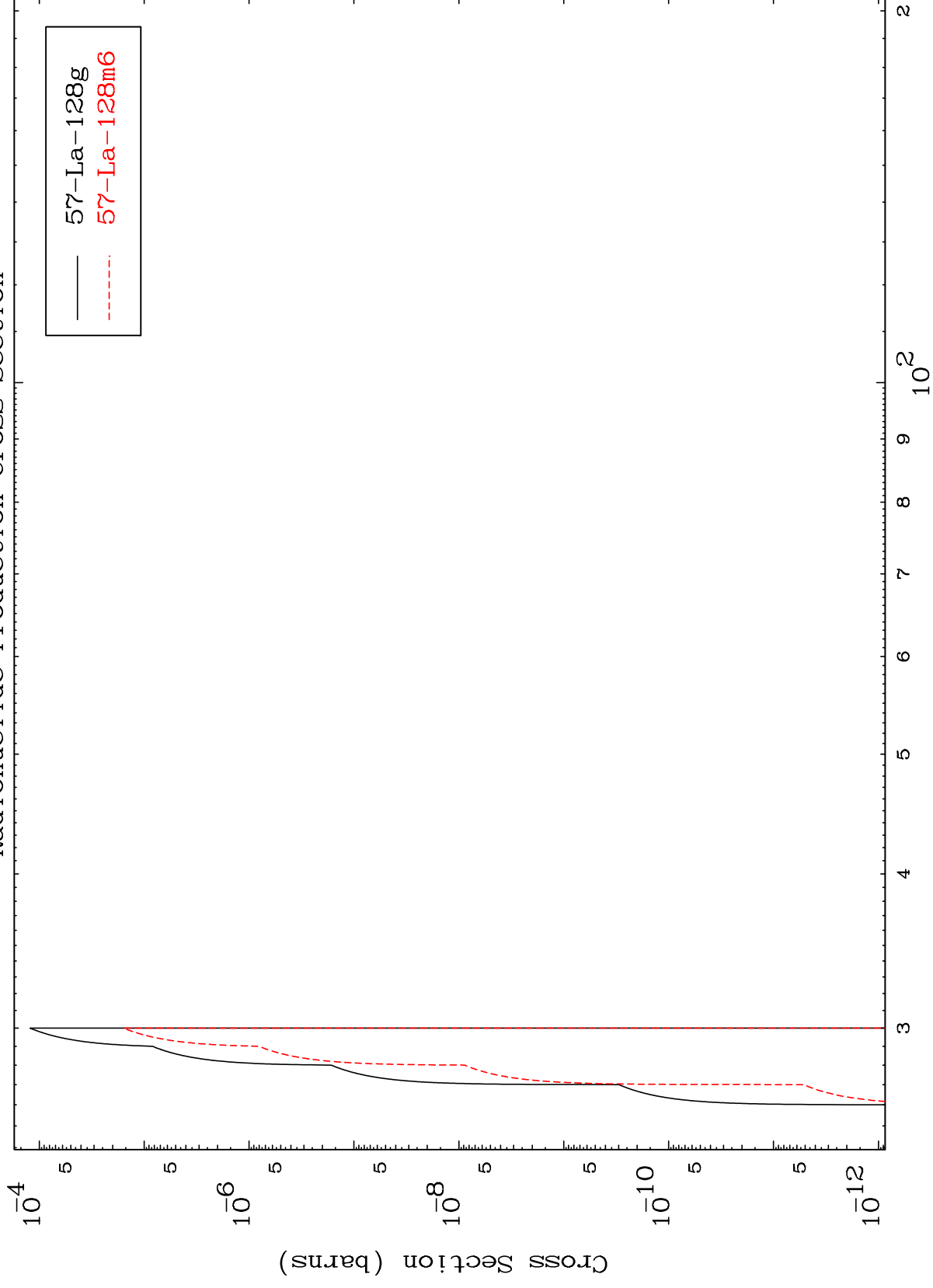
58-Ce-131

MAT 5811

(n,3n) p

58-Ce-131

Radionuclide Production Cross Section



25

Incident Energy (MeV)

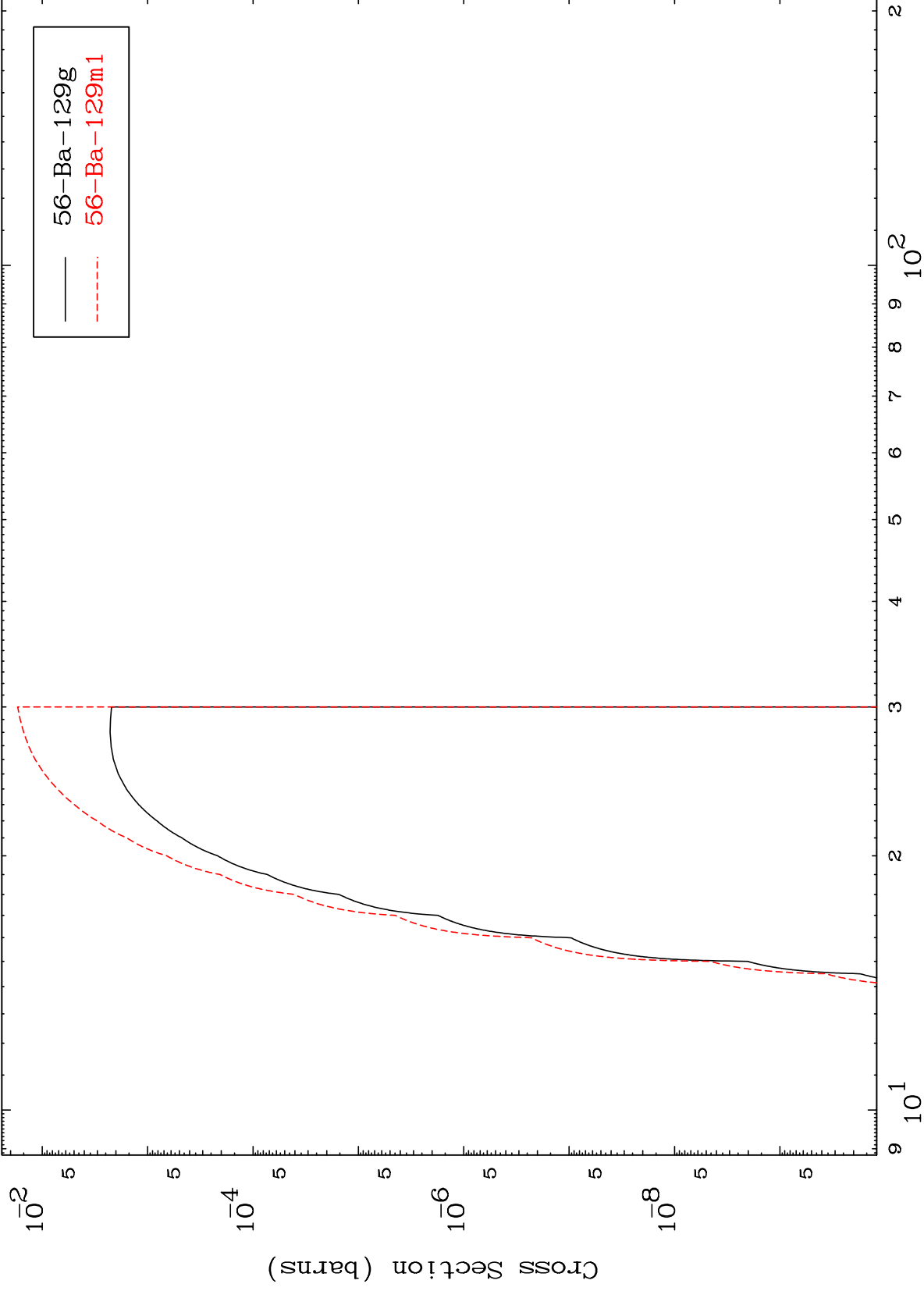
58-Ce-131

MAT 5811

(n,2n) p

58-Ce-131

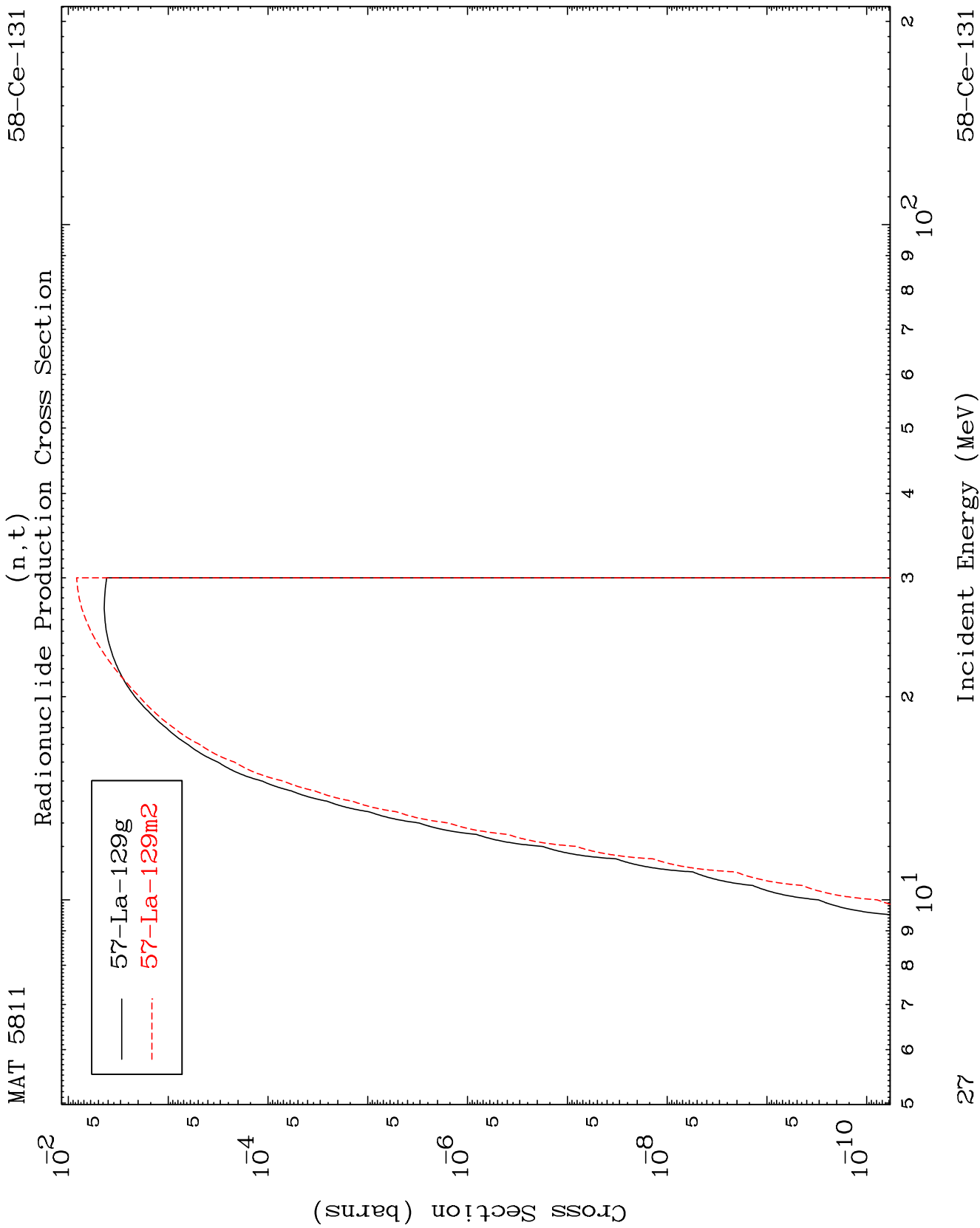
Radionuclide Production Cross Section



26

Incident Energy (MeV)

58-Ce-131

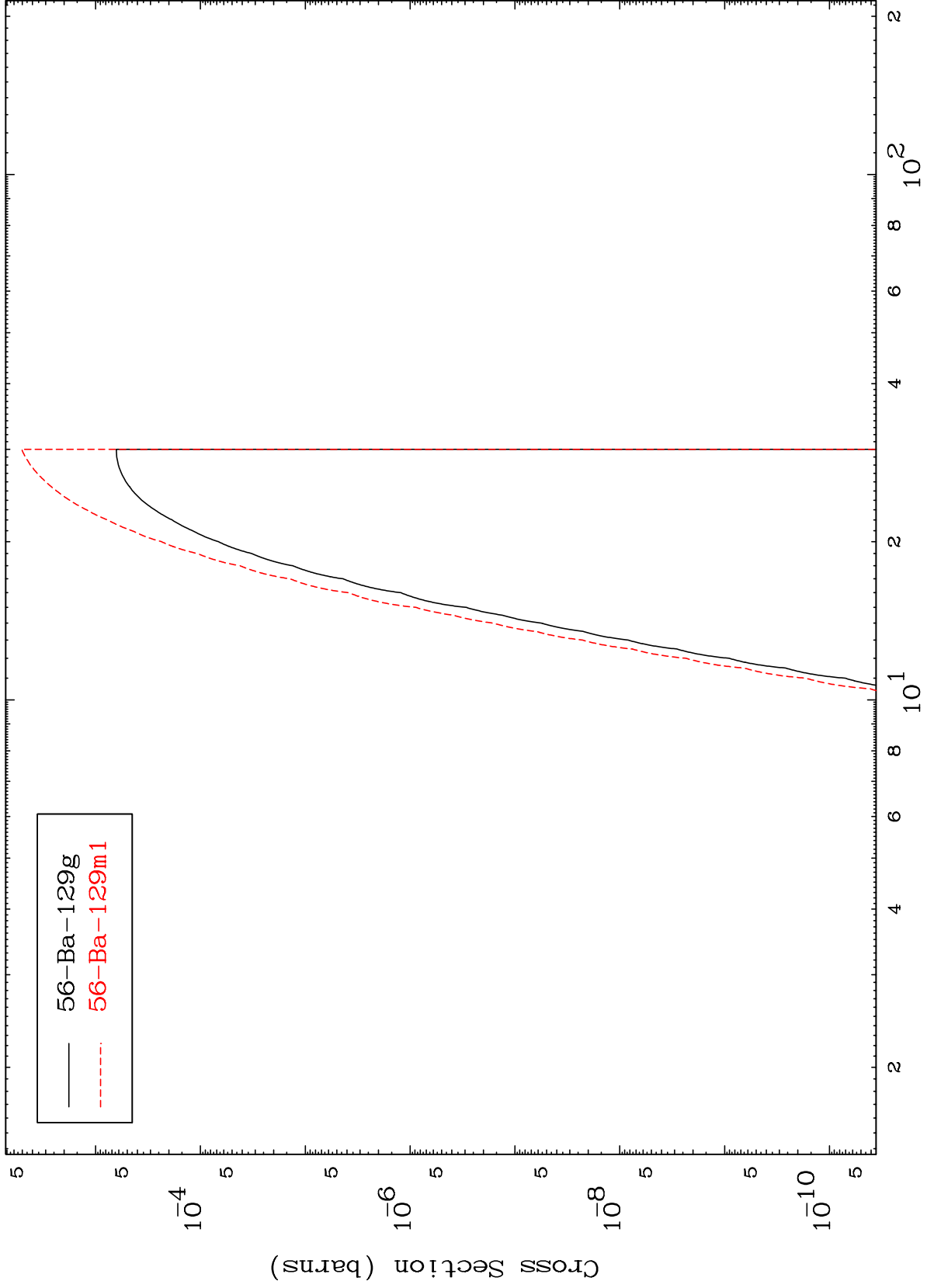


MAT 5811

(n,He-3)

58-Ce-131

Radionuclide Production Cross Section



28

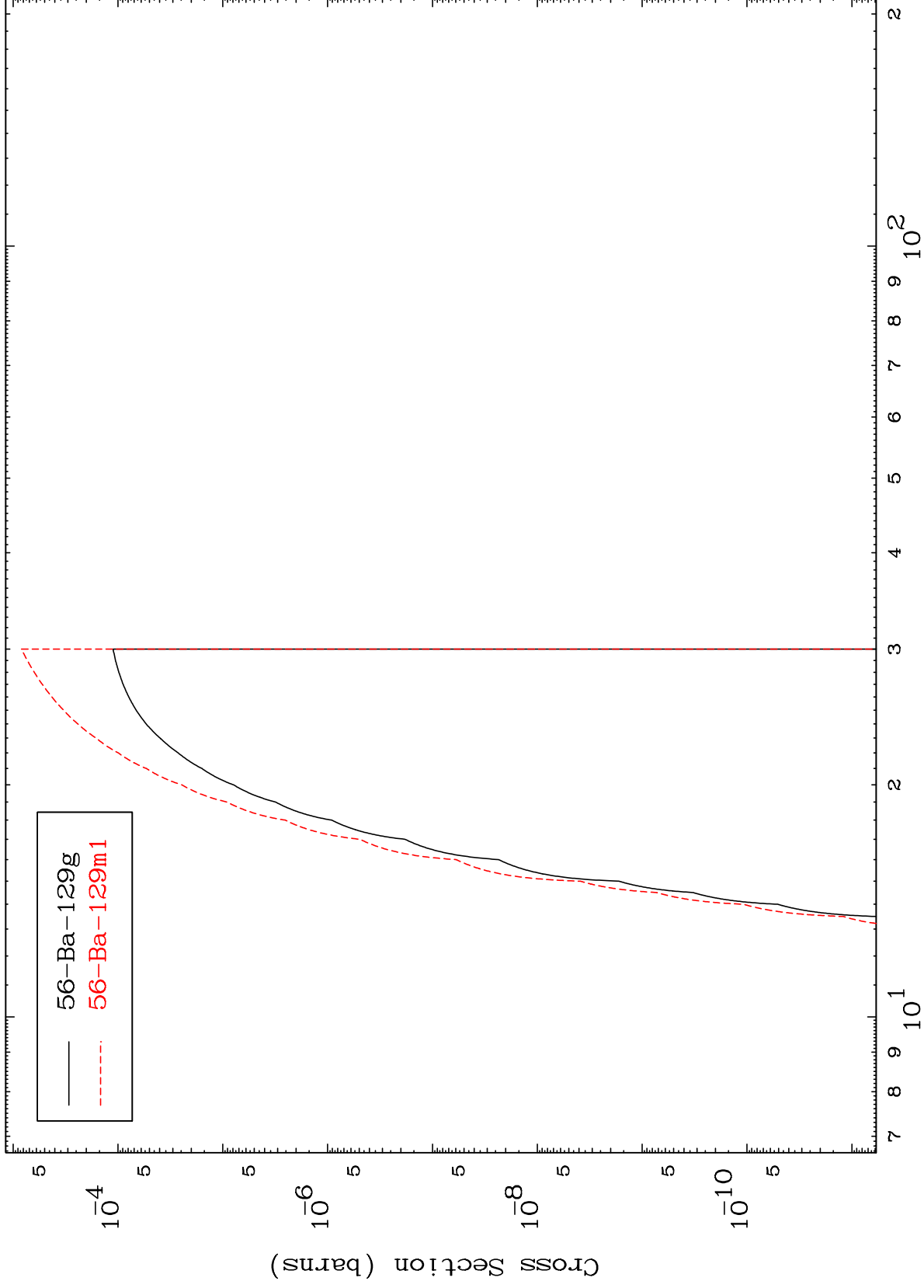
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

(n,p) d
Radionuclide Production Cross Section



29

Incident Energy (MeV)

58-Ce-131