

Program EVALPLOT
(Version 2021-1)

by

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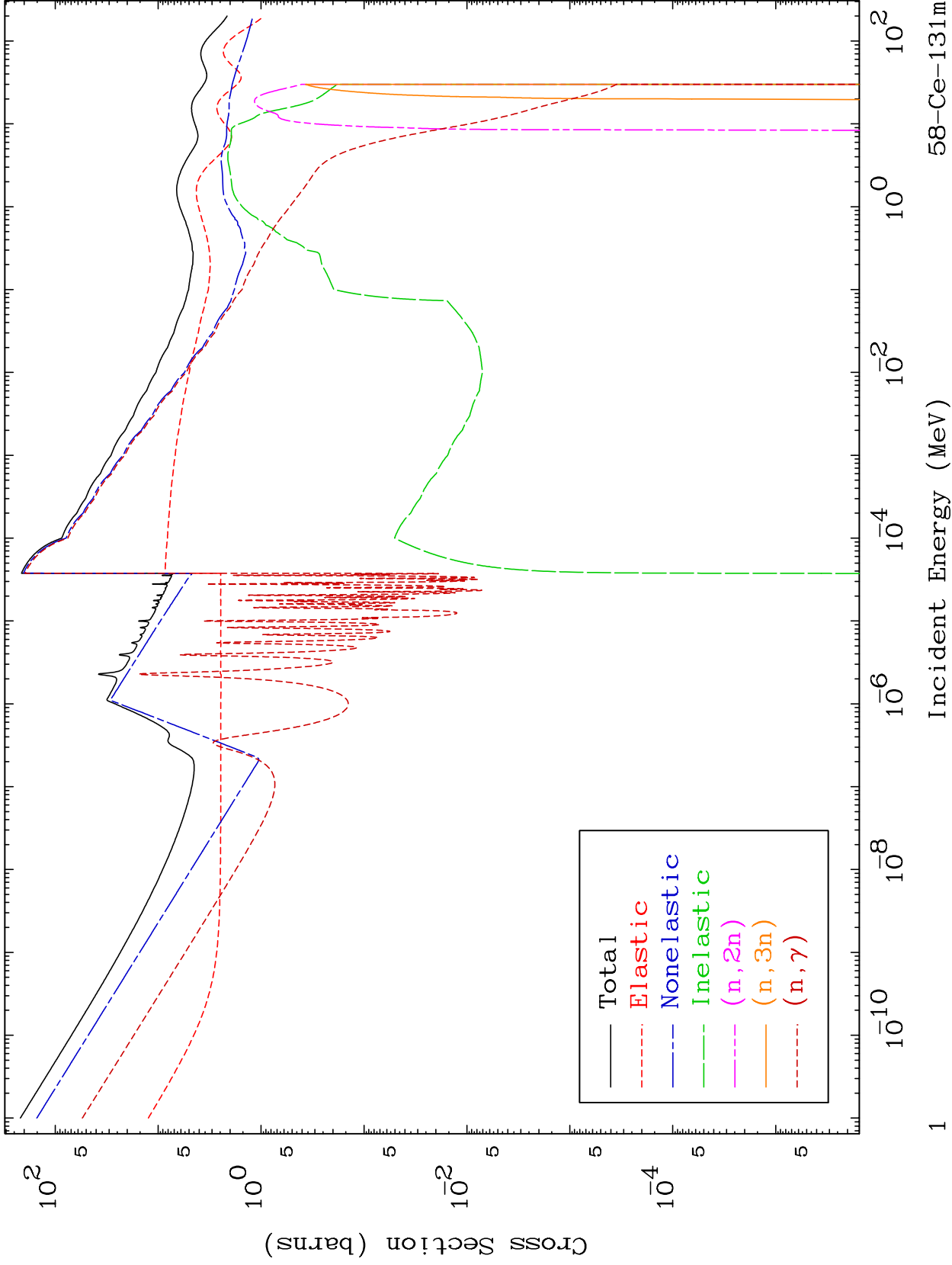
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5811

Neutron Major
293 Kelvin Cross Sections

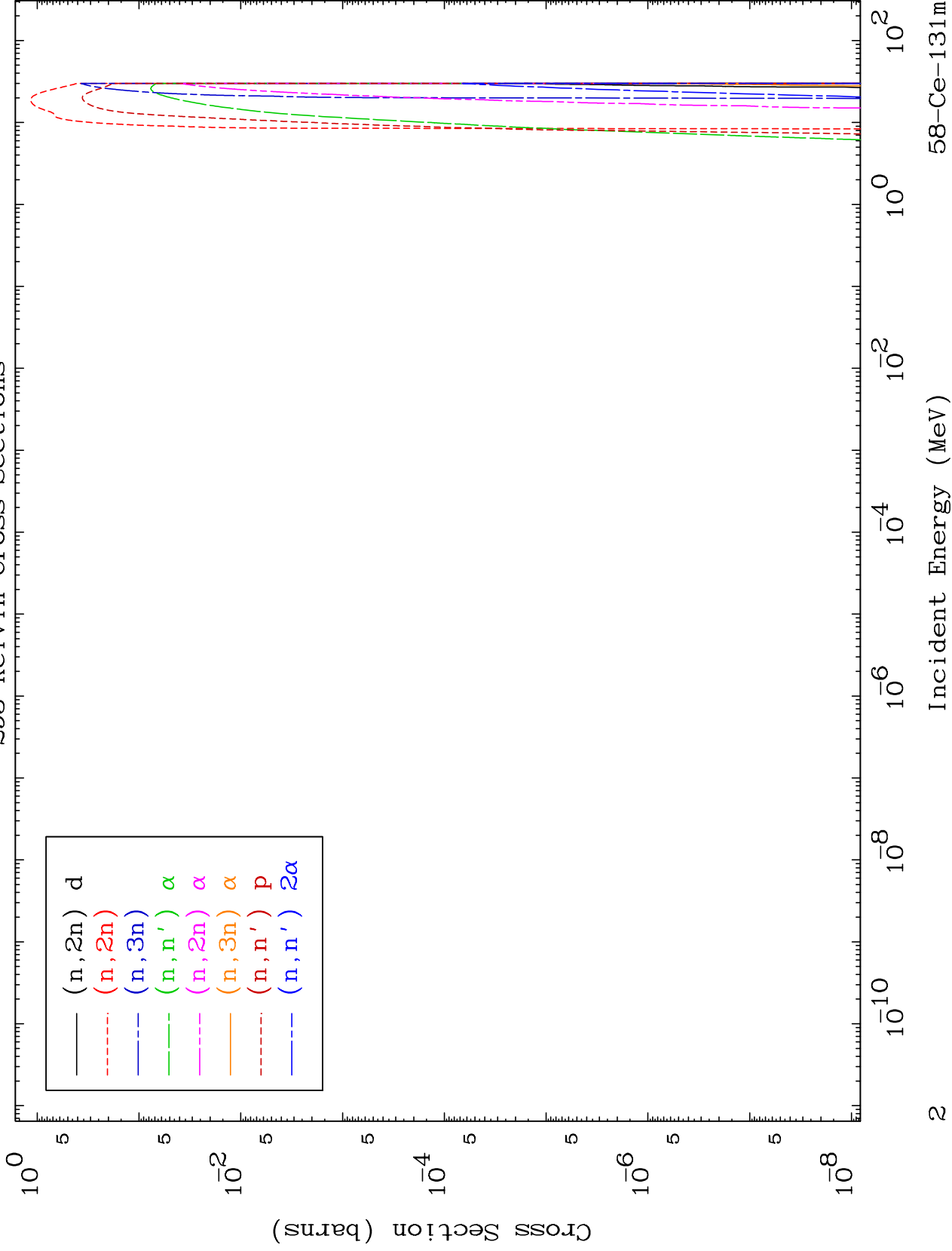
58-Ce-131m



MAT 5811

Neutron Absorption
293 Kelvin Cross Sections

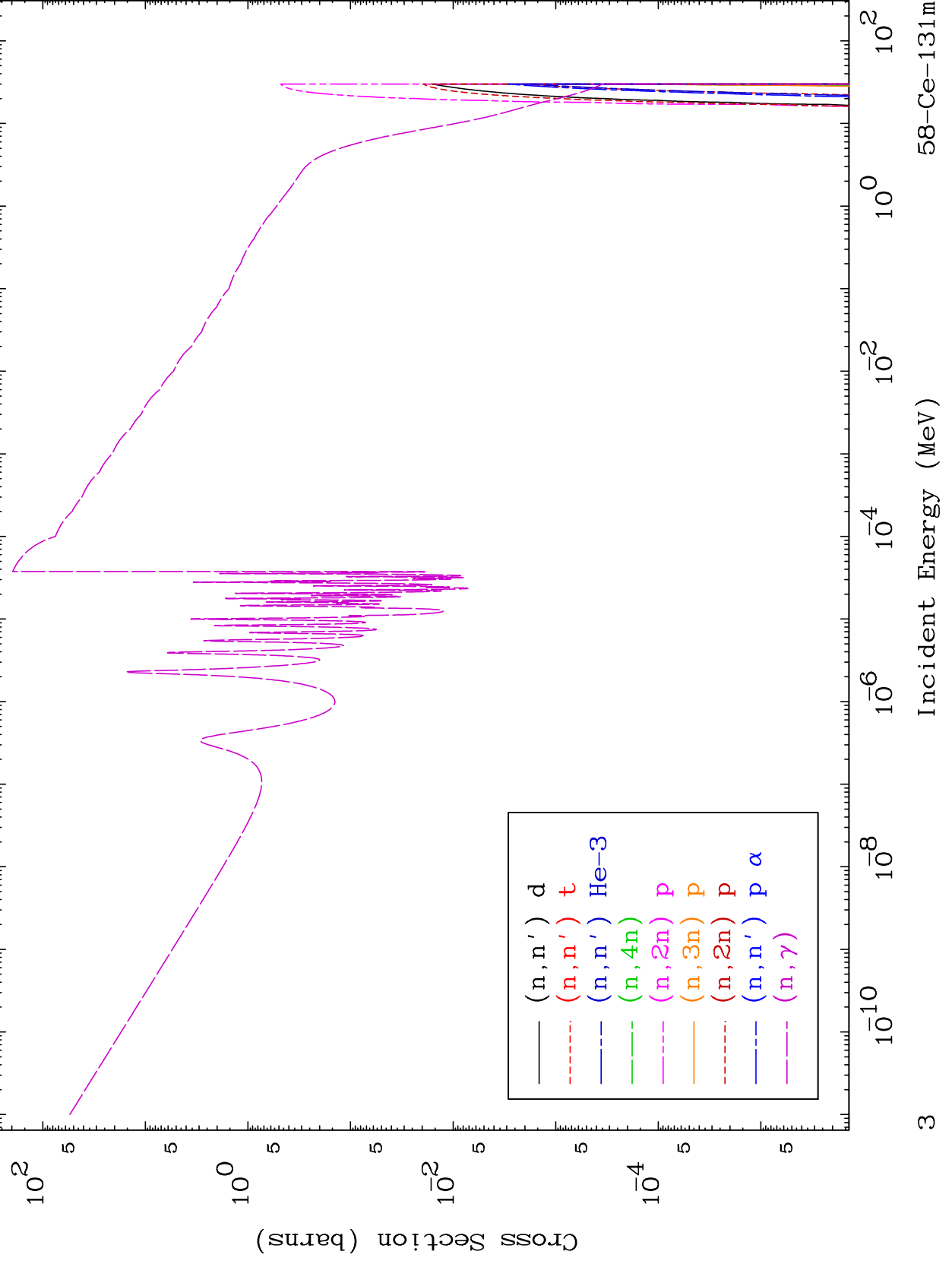
58-Ce-131m



MAT 5811

Neutron Absorption
293 Kelvin Cross Sections

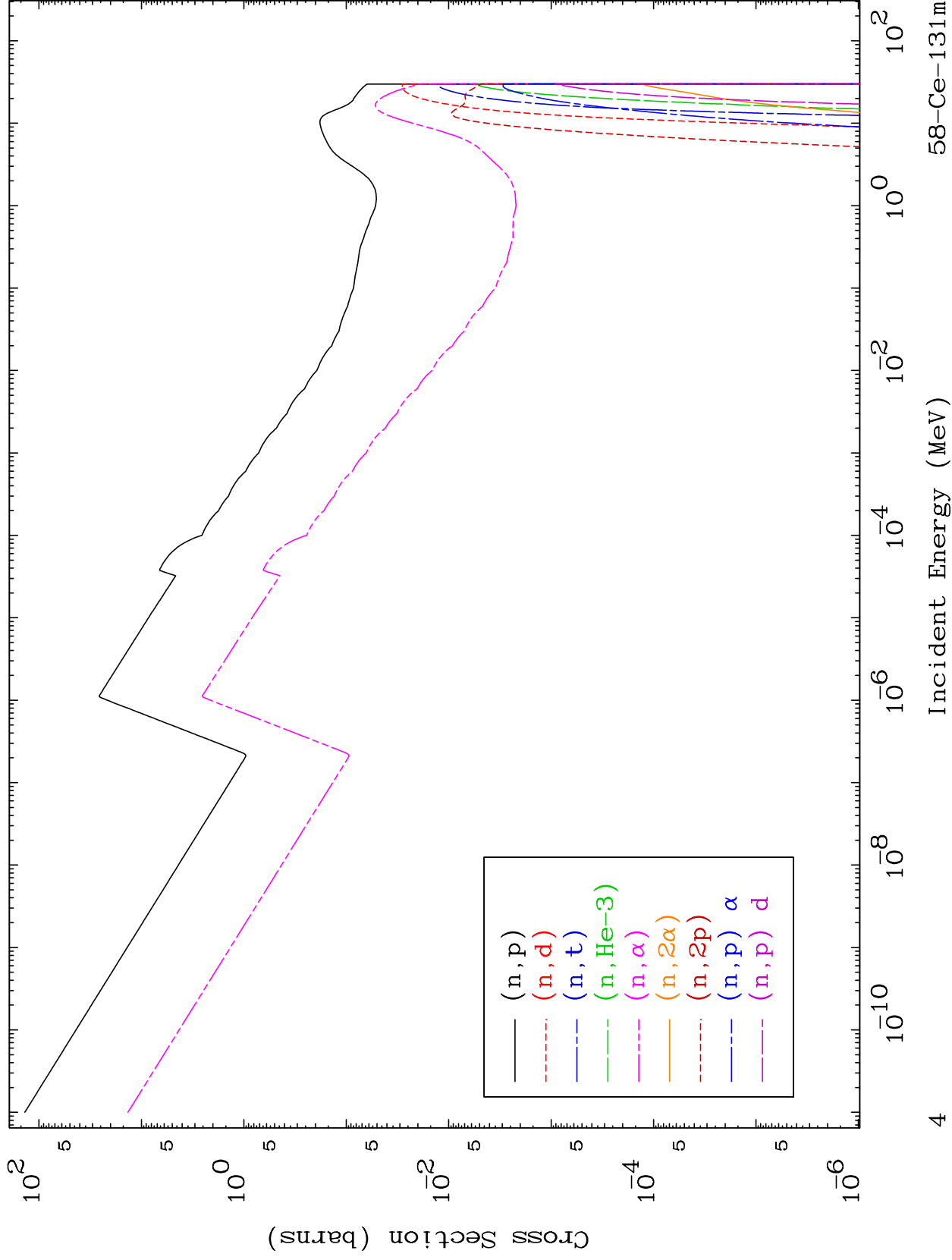
58-Ce-131m

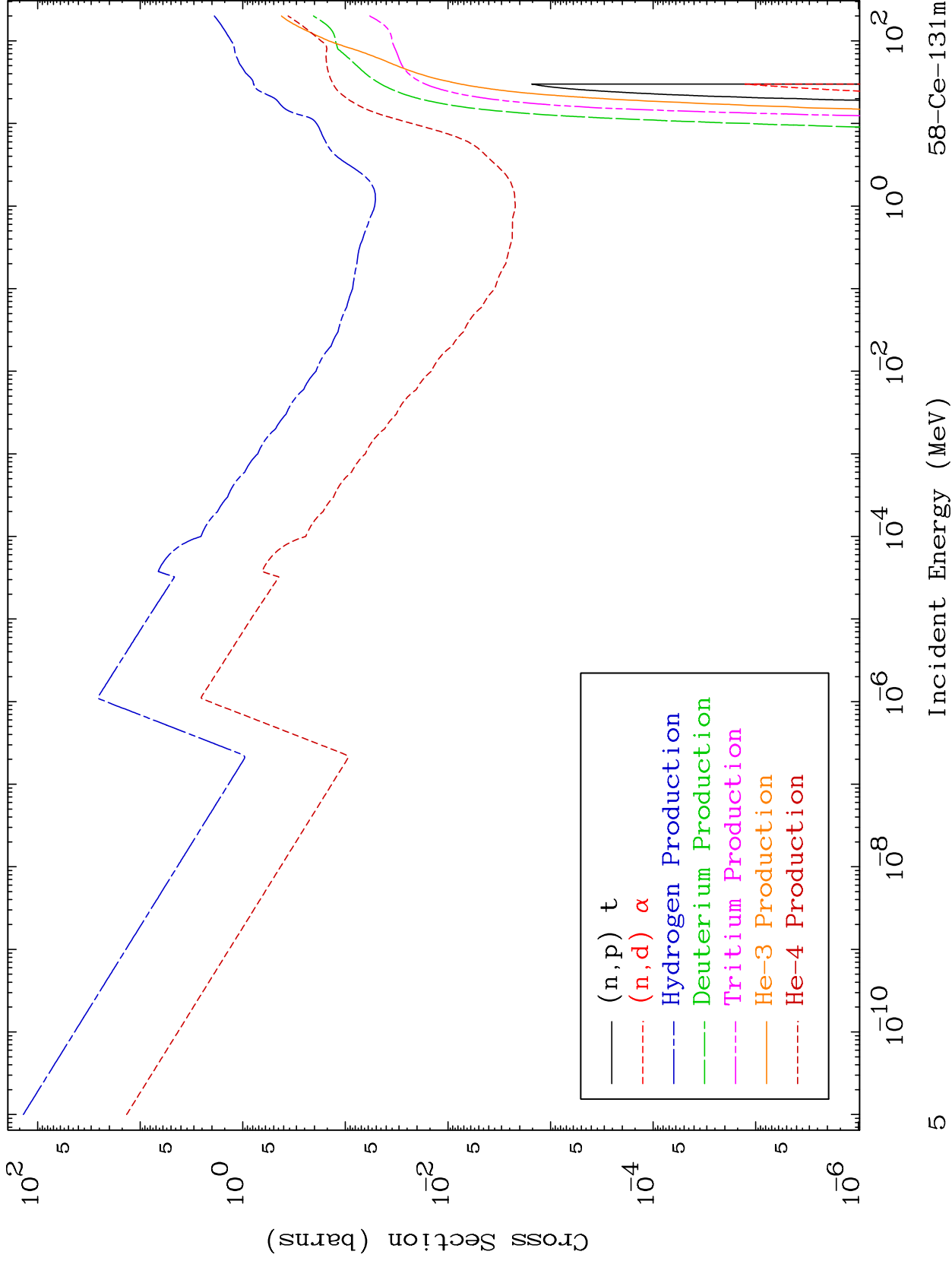


MAT 5811

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-131m

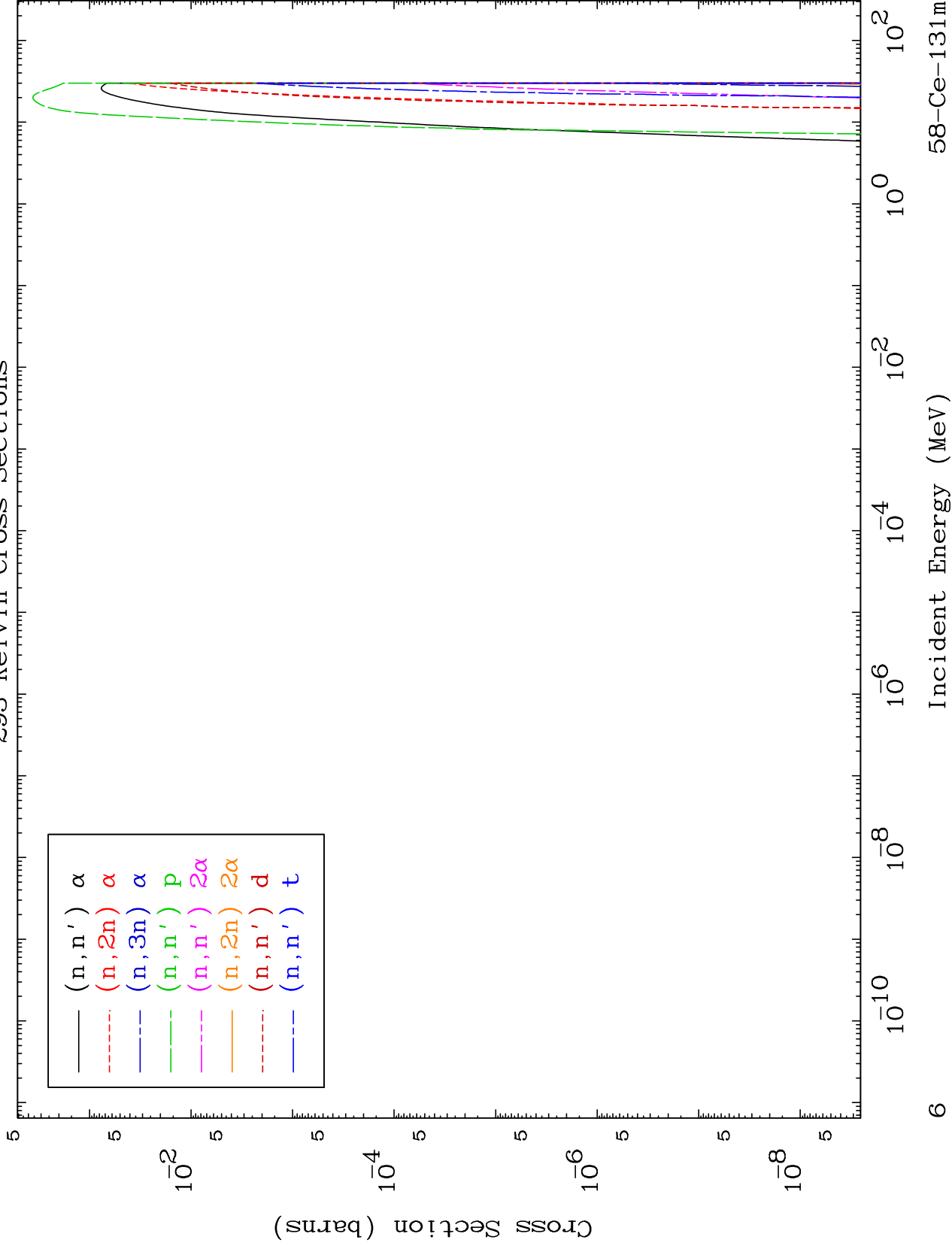


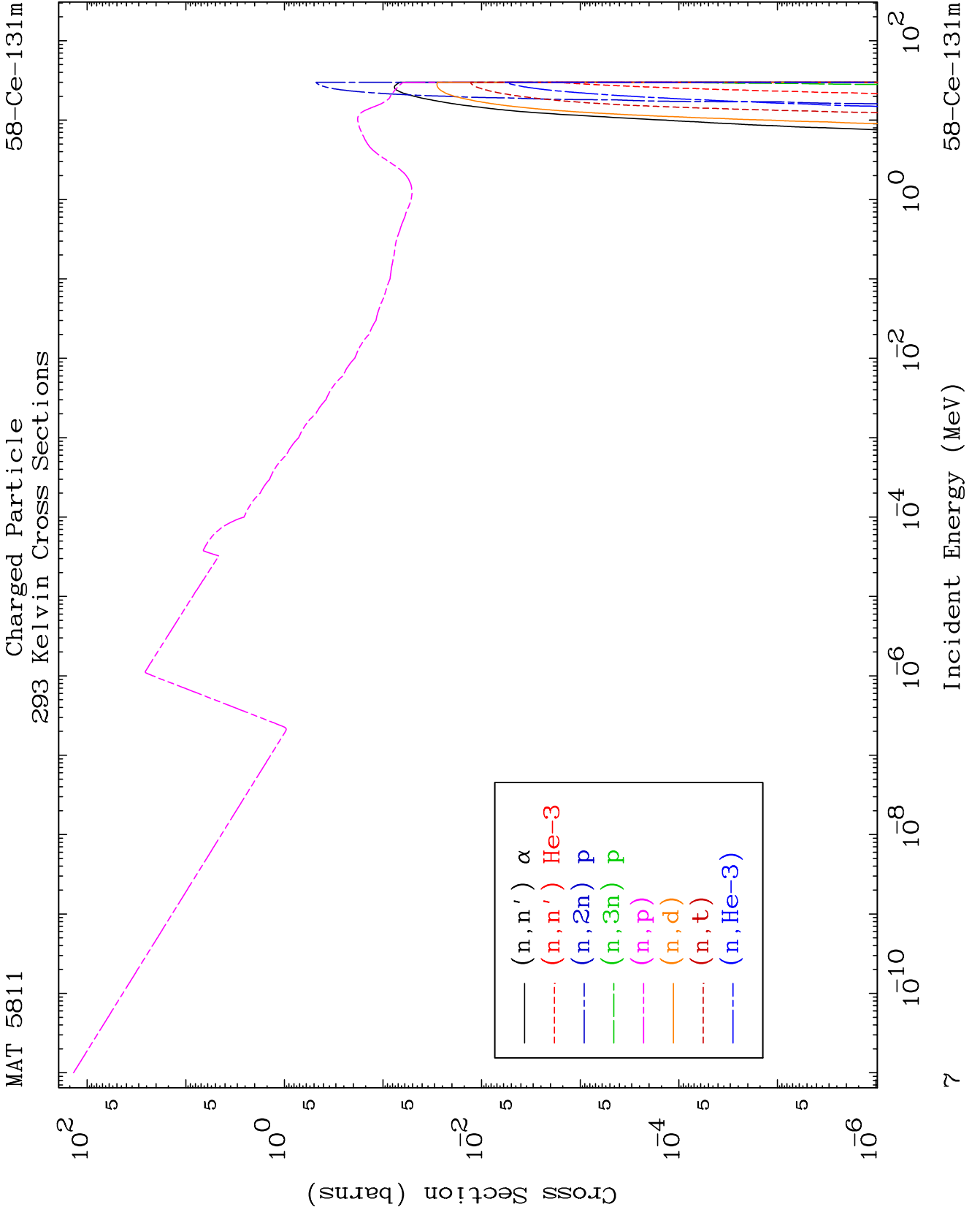


MAT 5811

Charged Particle
293 Kelvin Cross Sections

58-Ce-131m

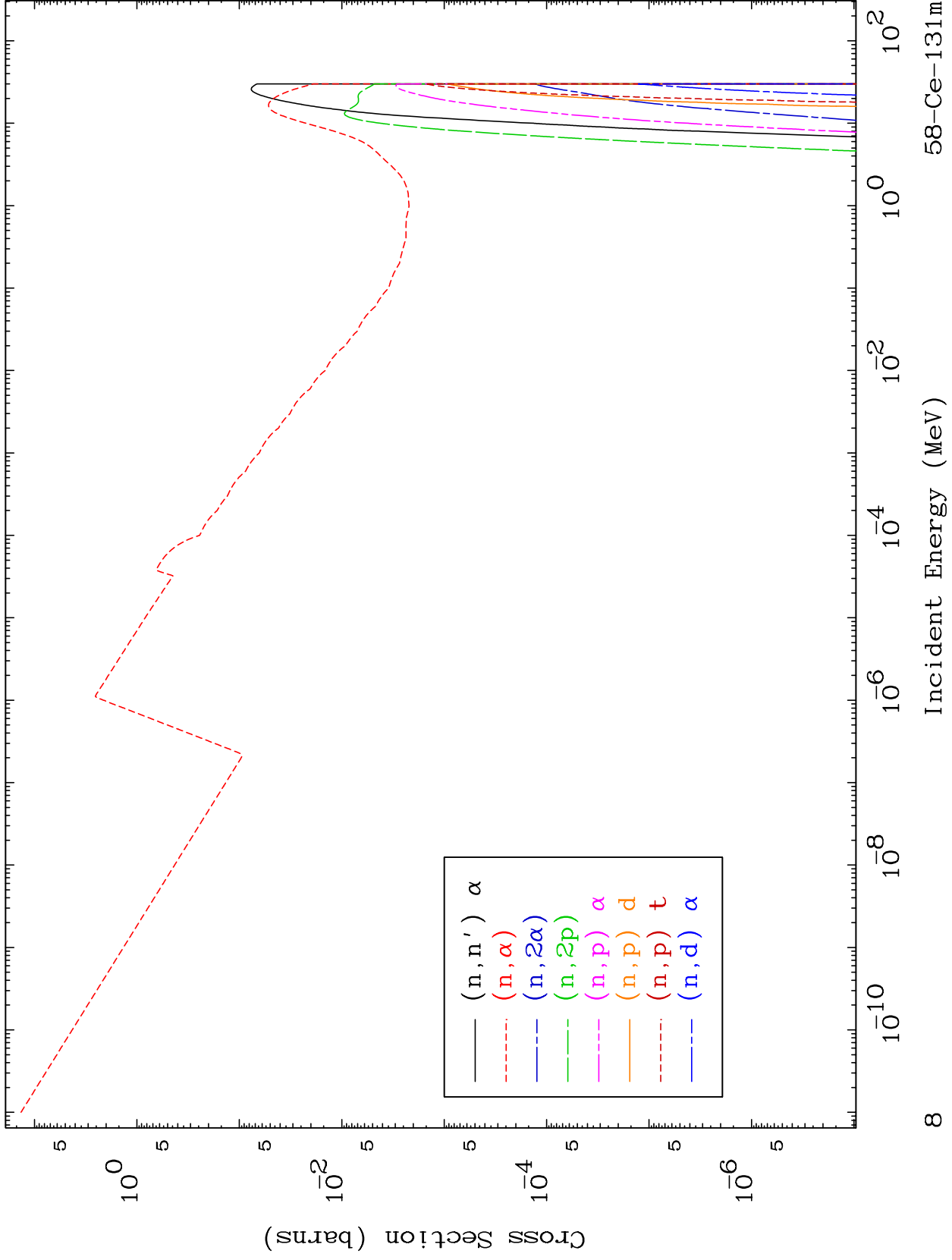




MAT 5811

Charged Particle
293 Kelvin Cross Sections

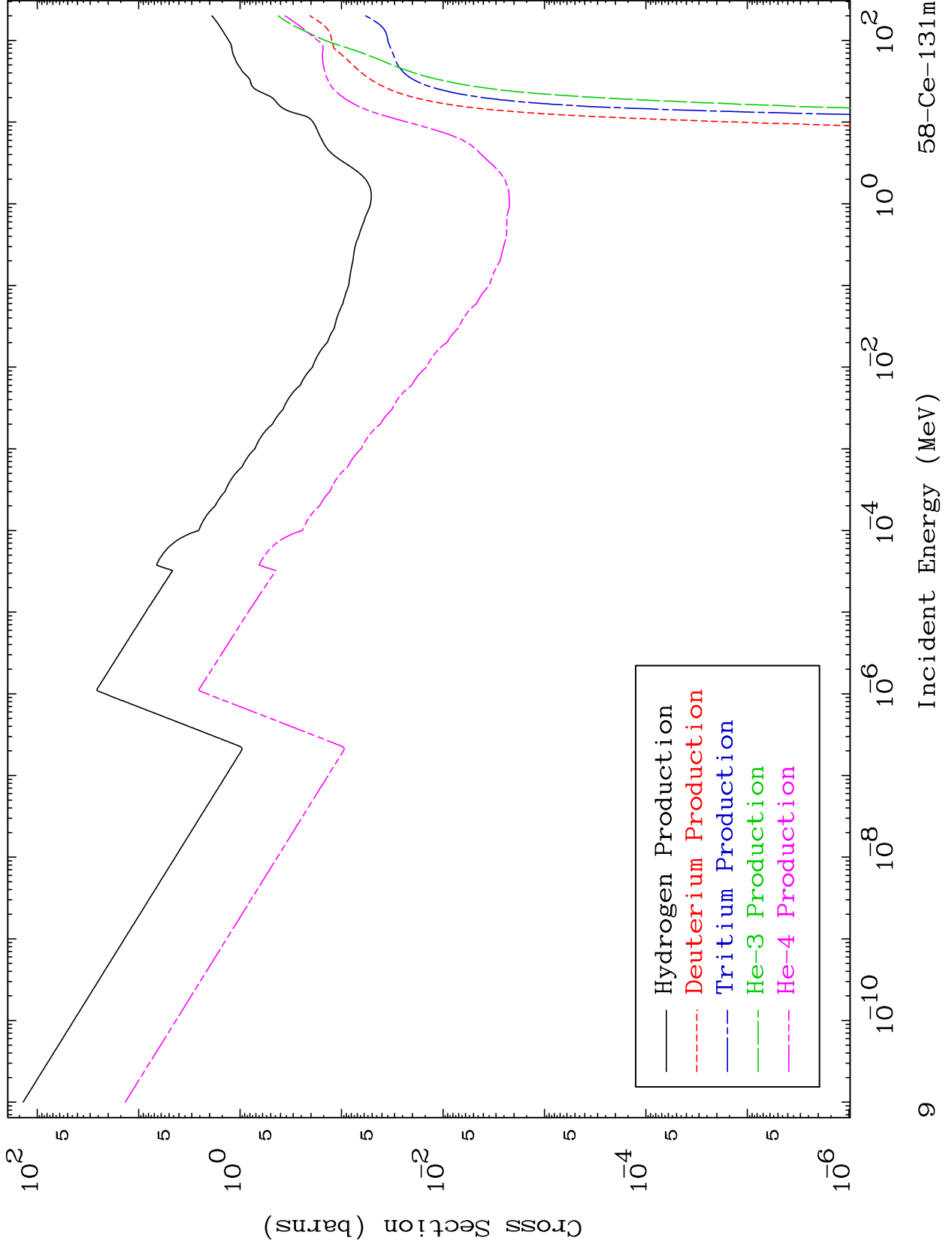
58-Ce-131m



MAT 5811

Particle Production
293 Kelvin Cross Sections

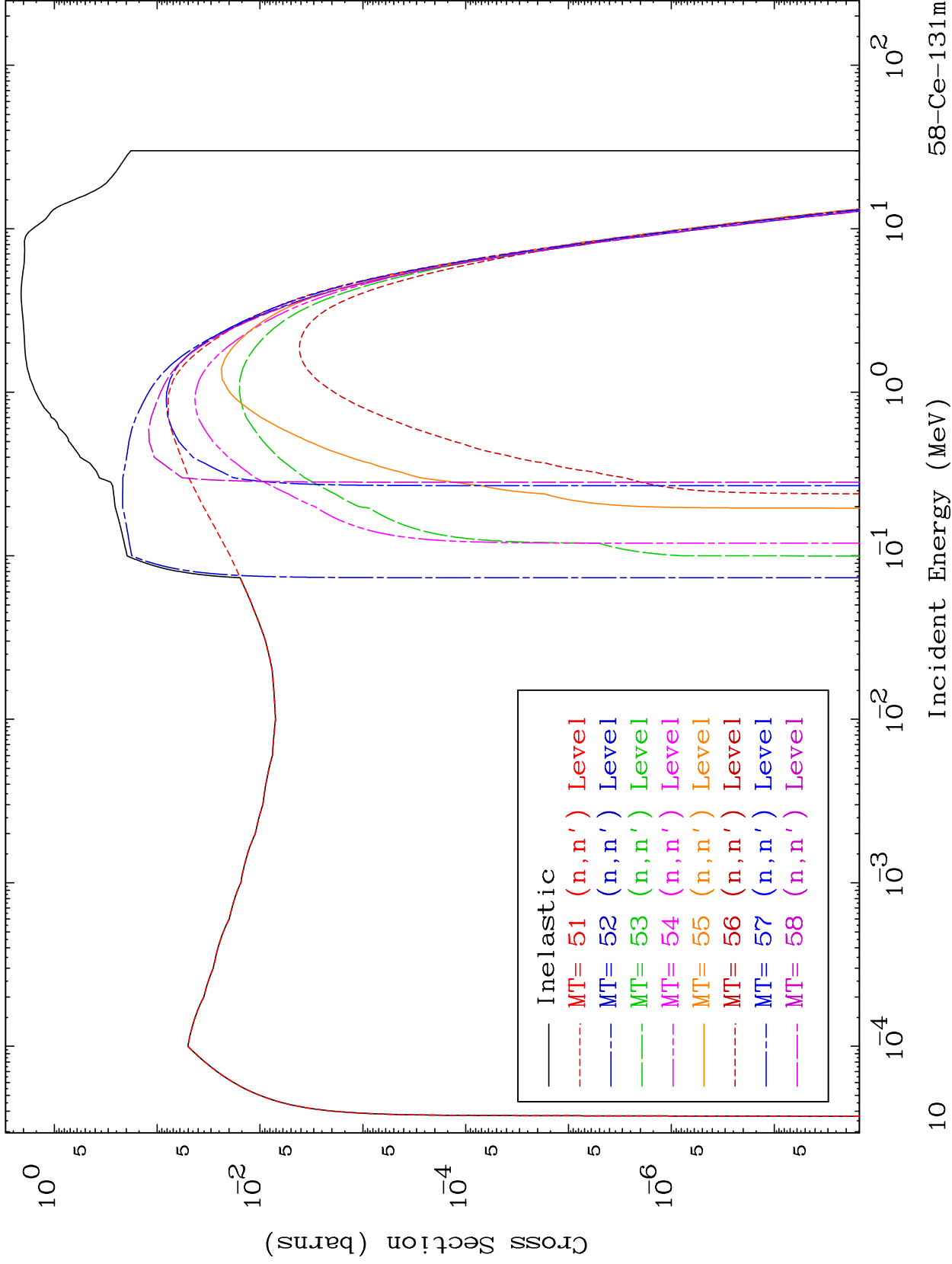
58-Ce-131m



MAT 5811

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-131m



10

10^{-4}

10^{-3}

10^{-2}

10^{-1}

10^0

10^1

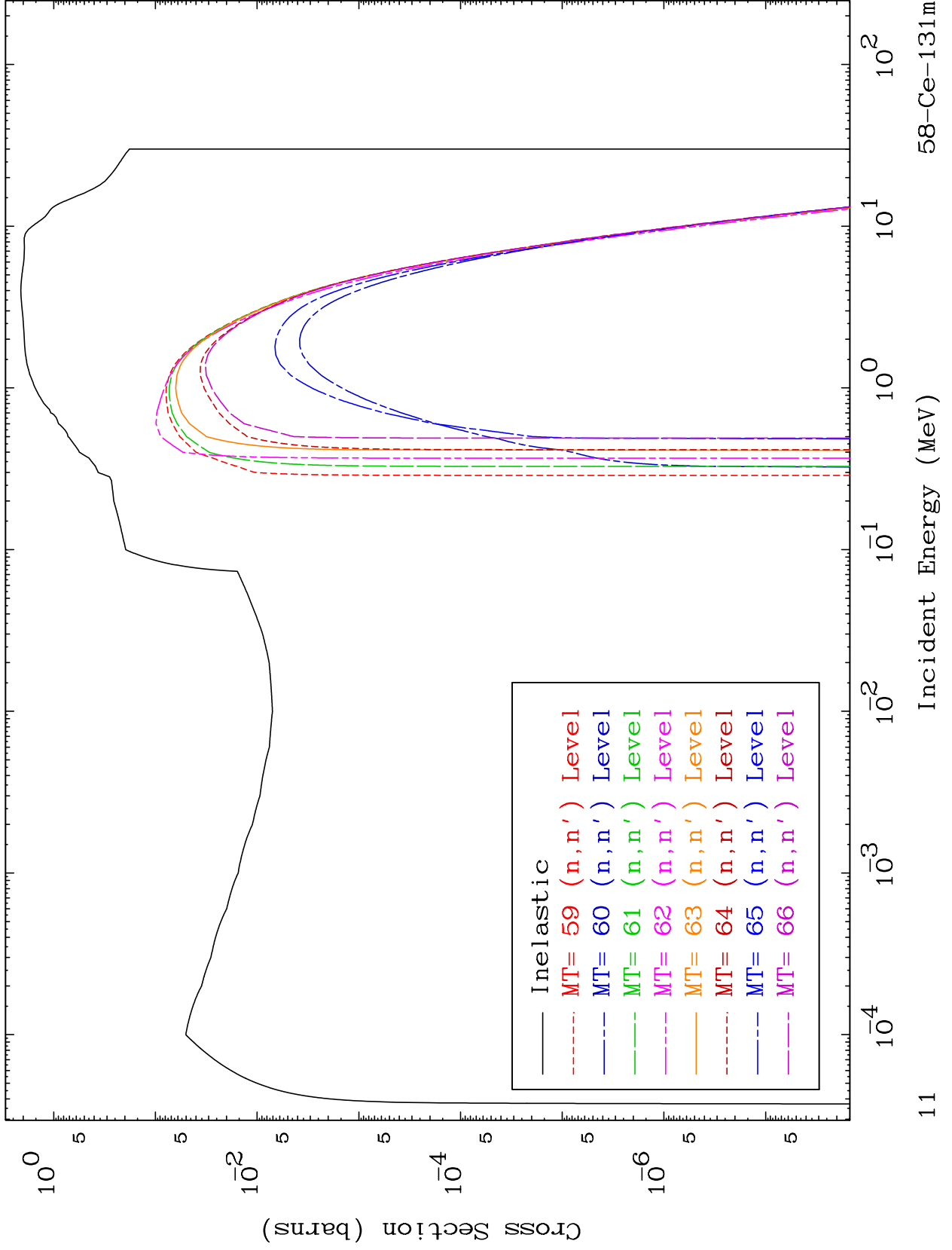
10^2

58-Ce-131m

MAT 5811

(n,n') Levels
293 Kelvin Cross Sections

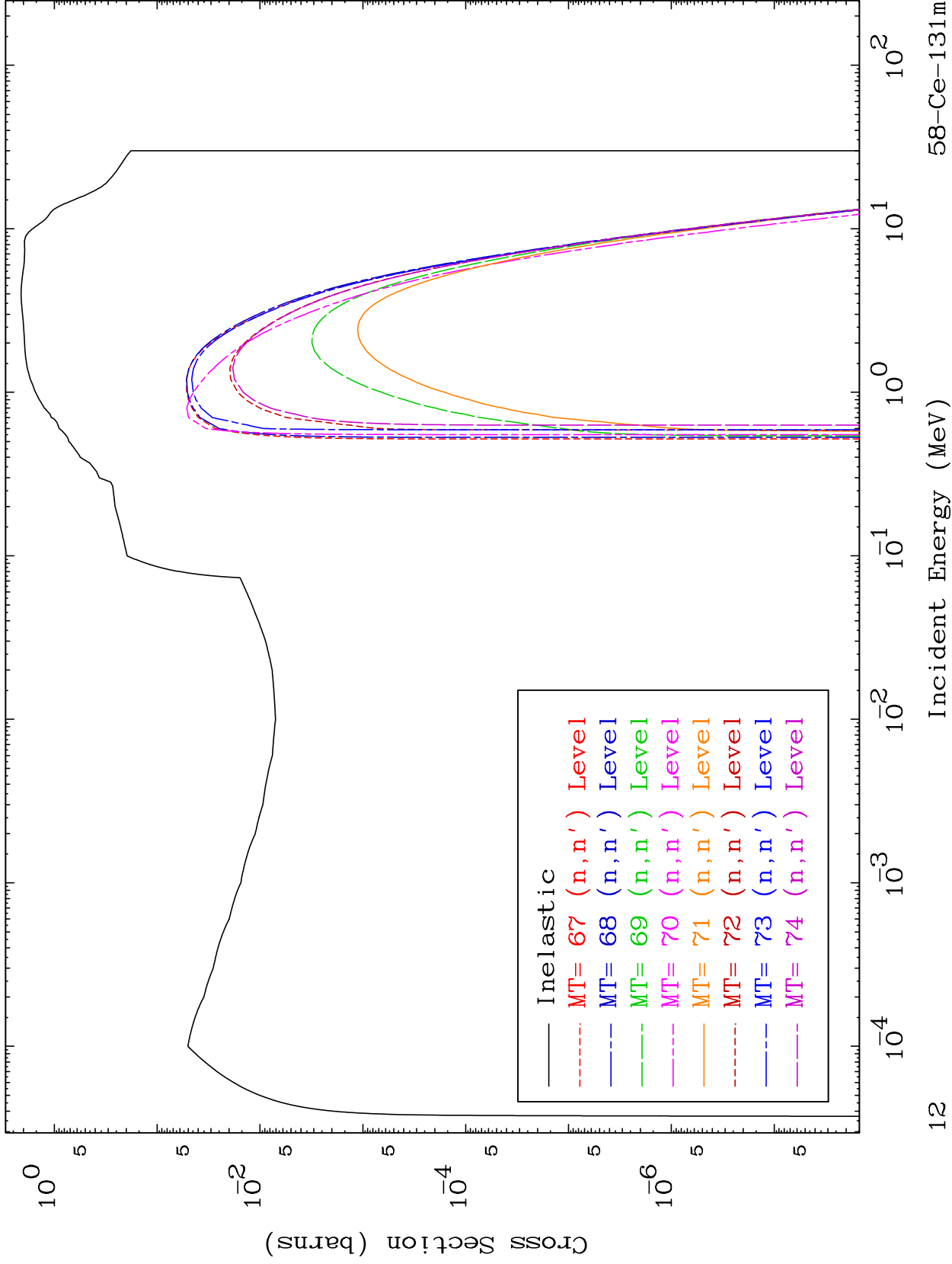
58-Ce-131m



MAT 5811

(n,n') Levels
293 Kelvin Cross Sections

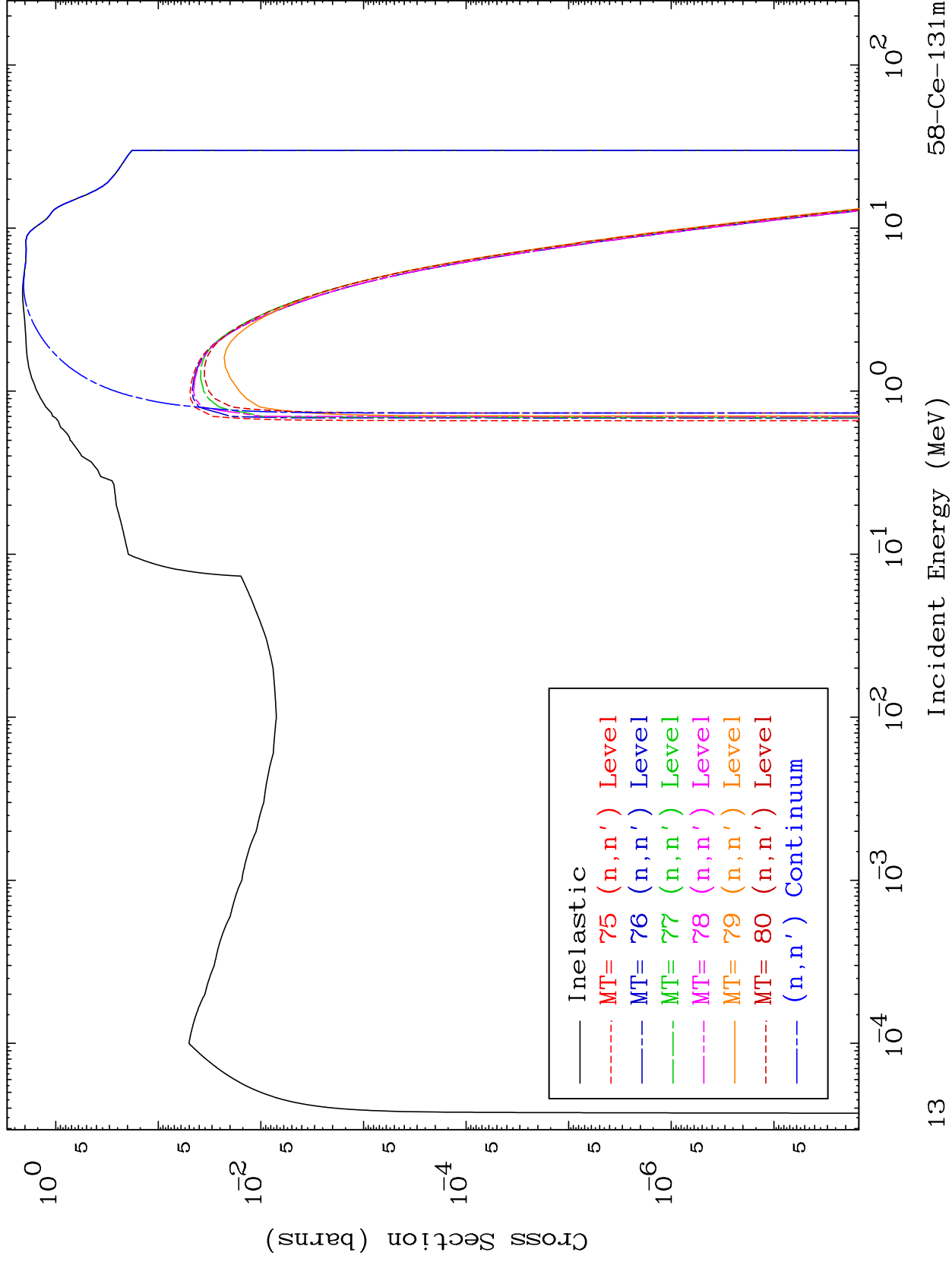
58-Ce-131m



MAT 5811

(n,n') Levels
293 Kelvin Cross Sections

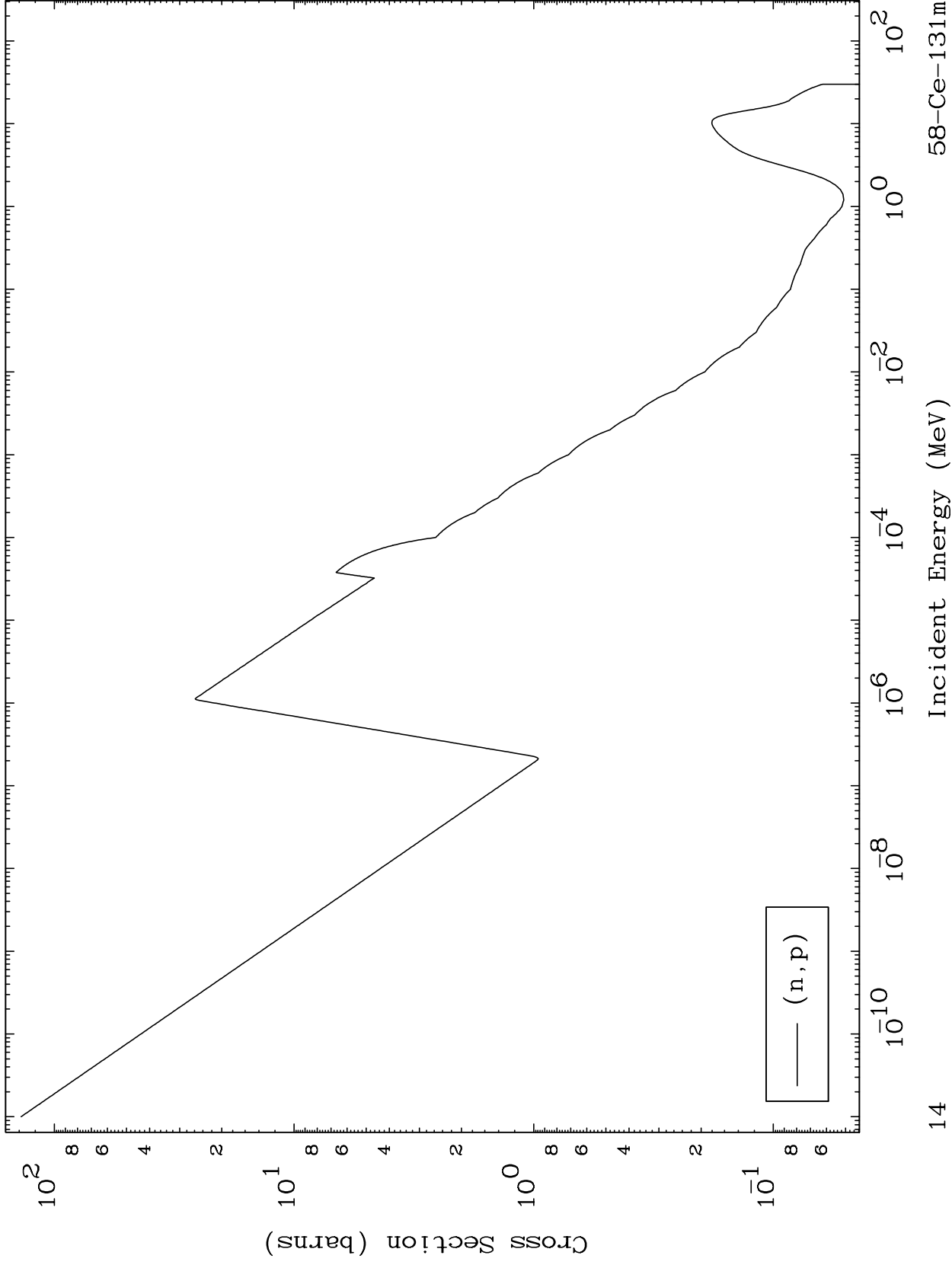
58-Ce-131m



MAT 5811

(n,p) Levels
293 Kelvin Cross Sections

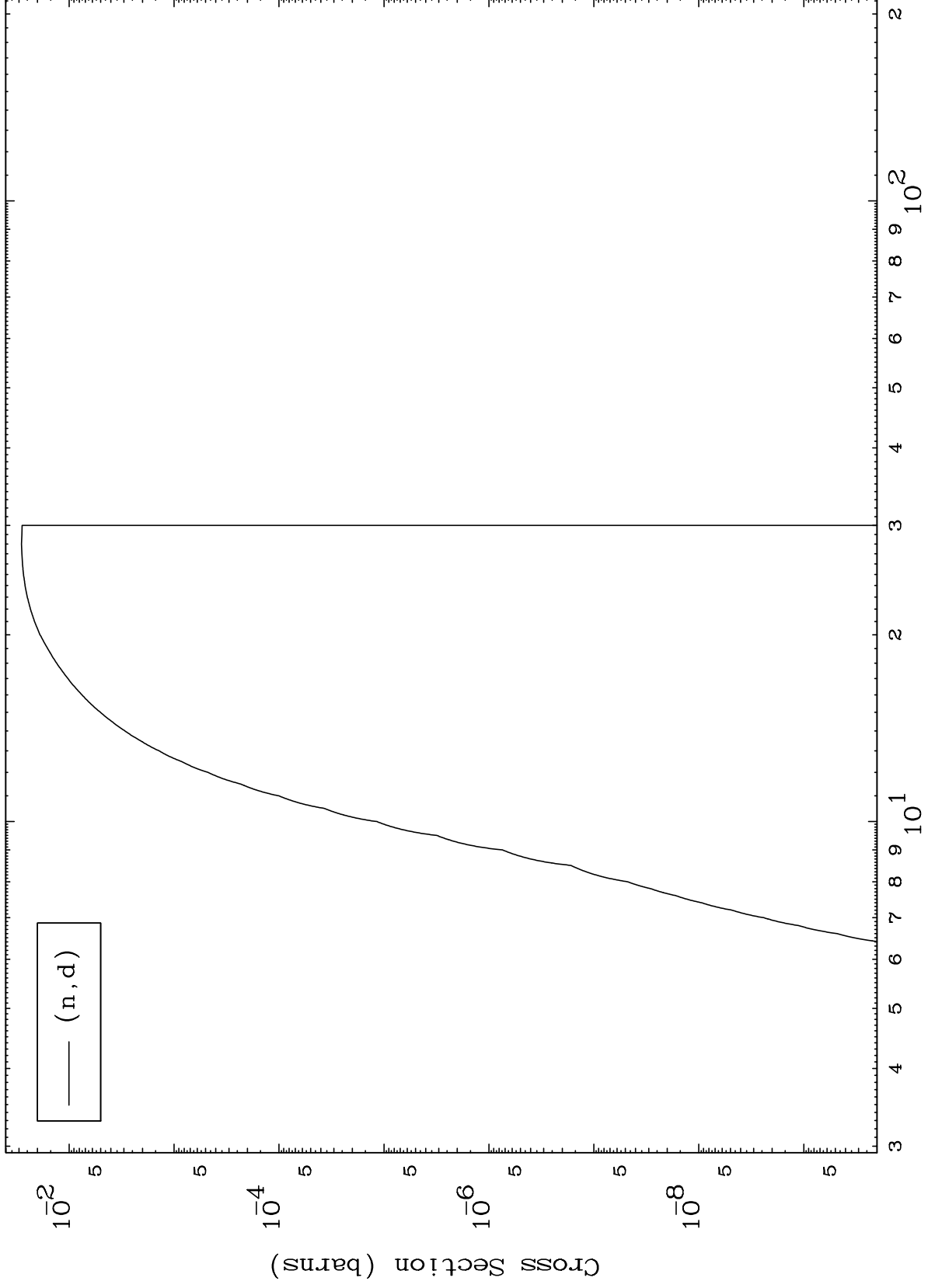
58-Ce-131m



MAT 5811

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-131m



15

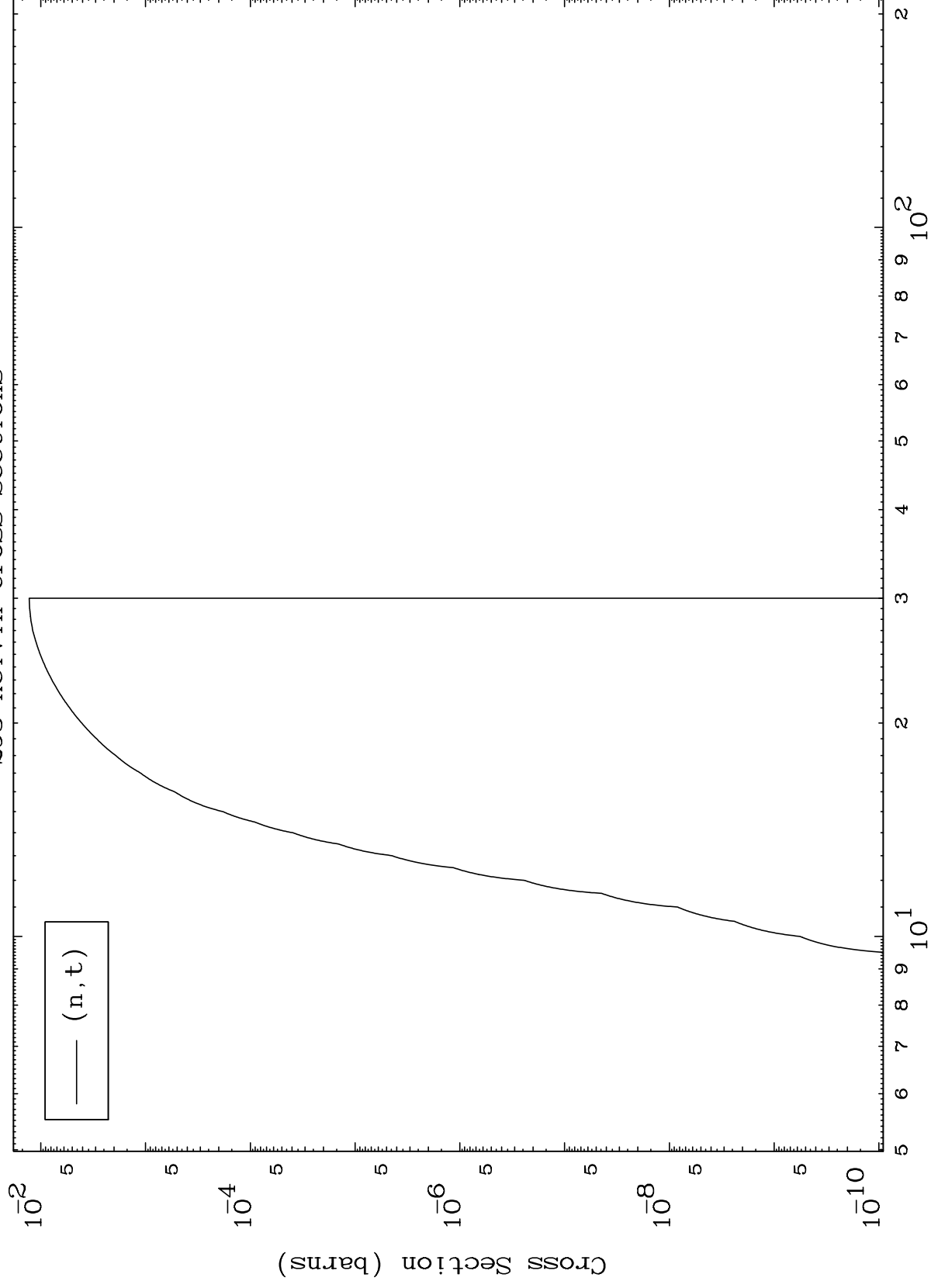
Incident Energy (MeV)

58-Ce-131m

MAT 5811

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-131m



16

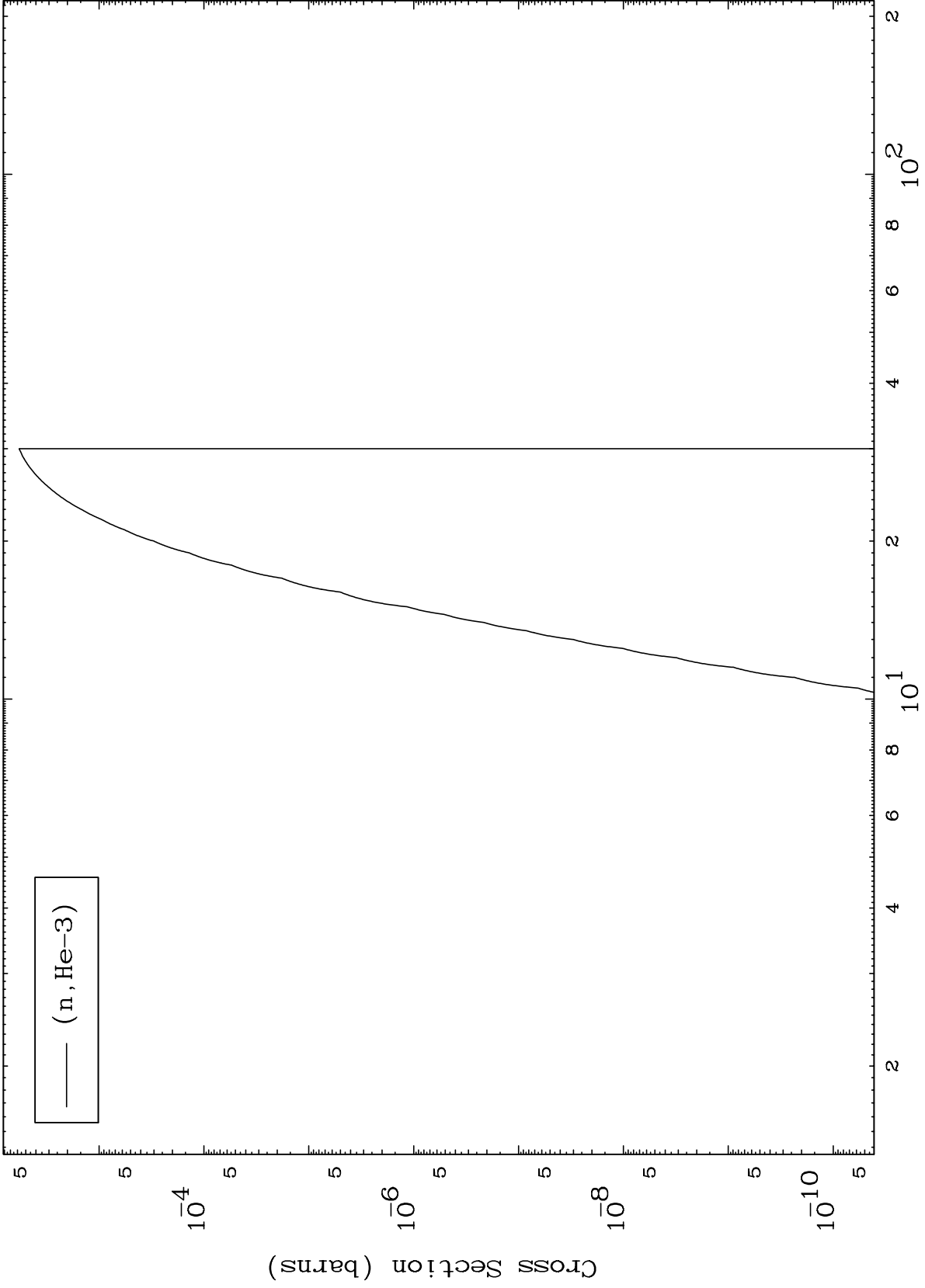
Incident Energy (MeV)

58-Ce-131m

MAT 5811

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-131m

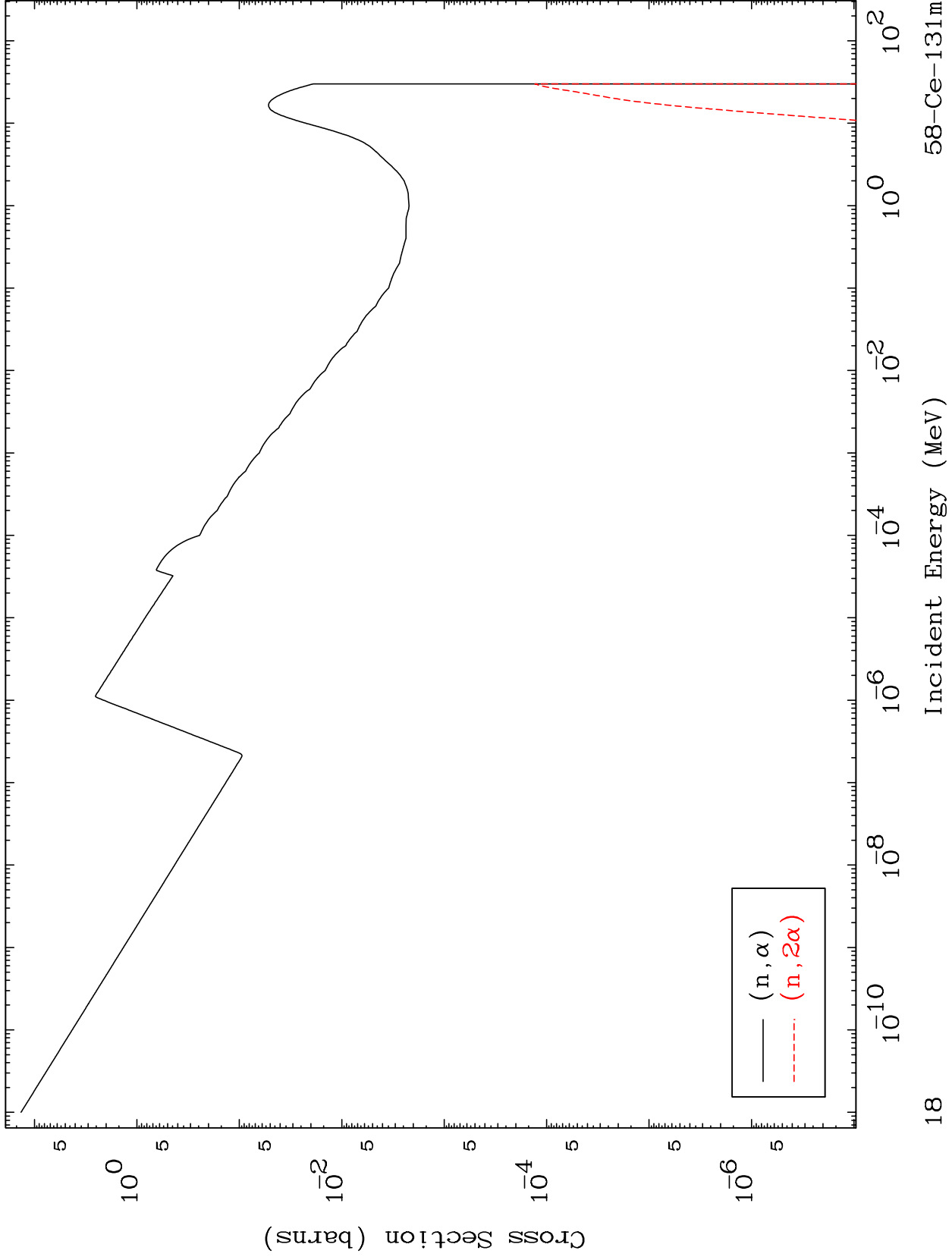


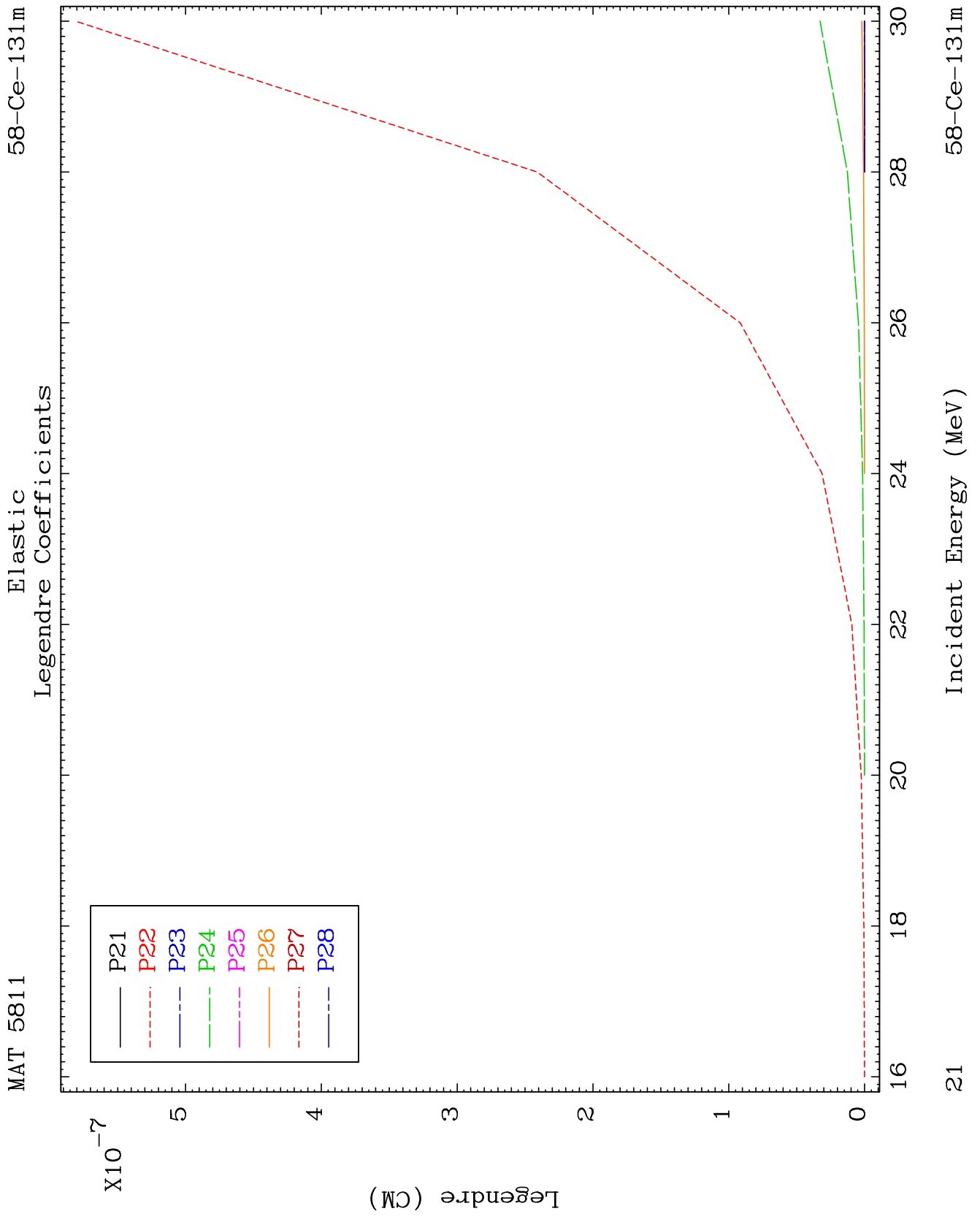
(n, He-3)

MAT 5811

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-131m

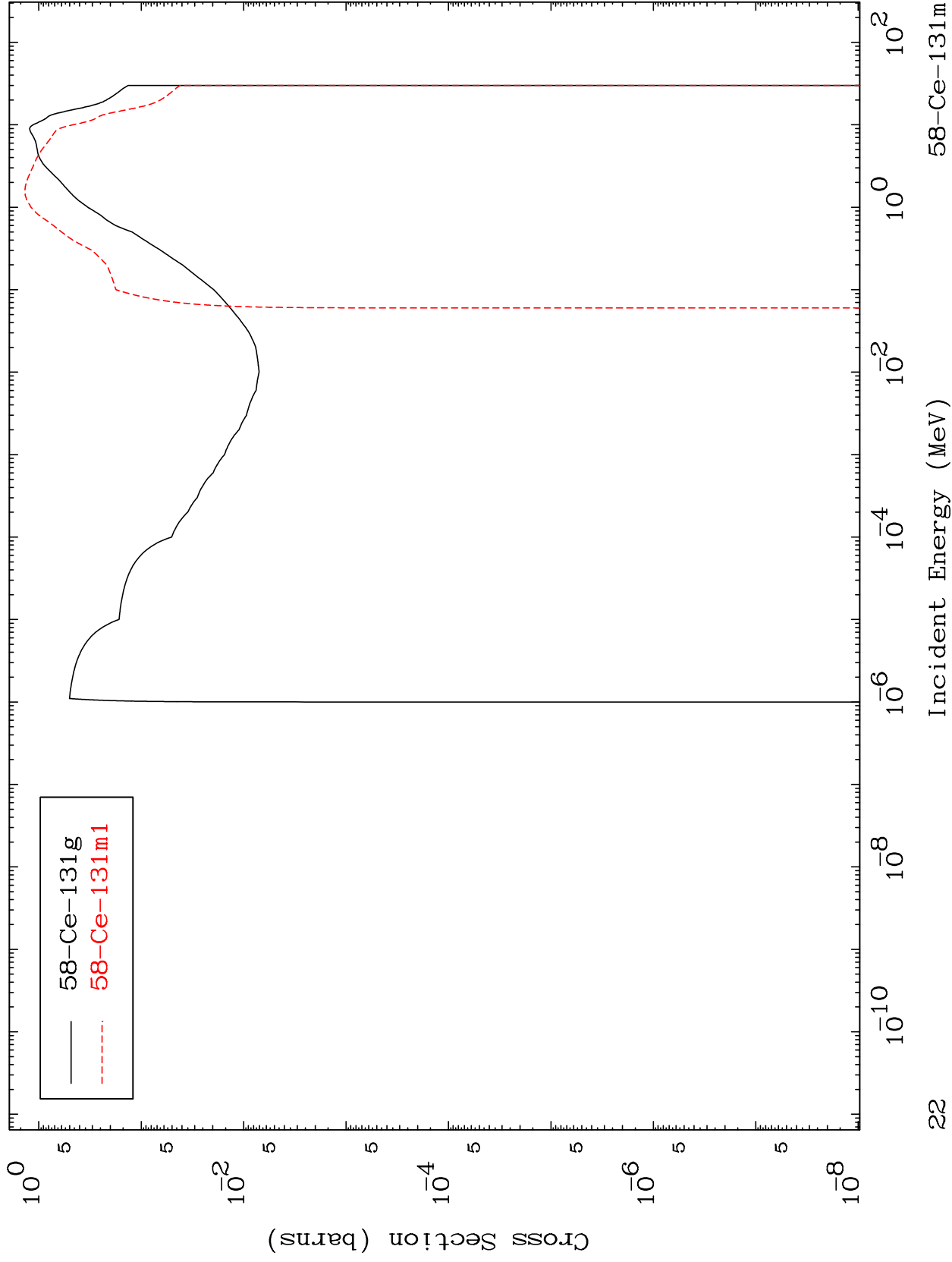




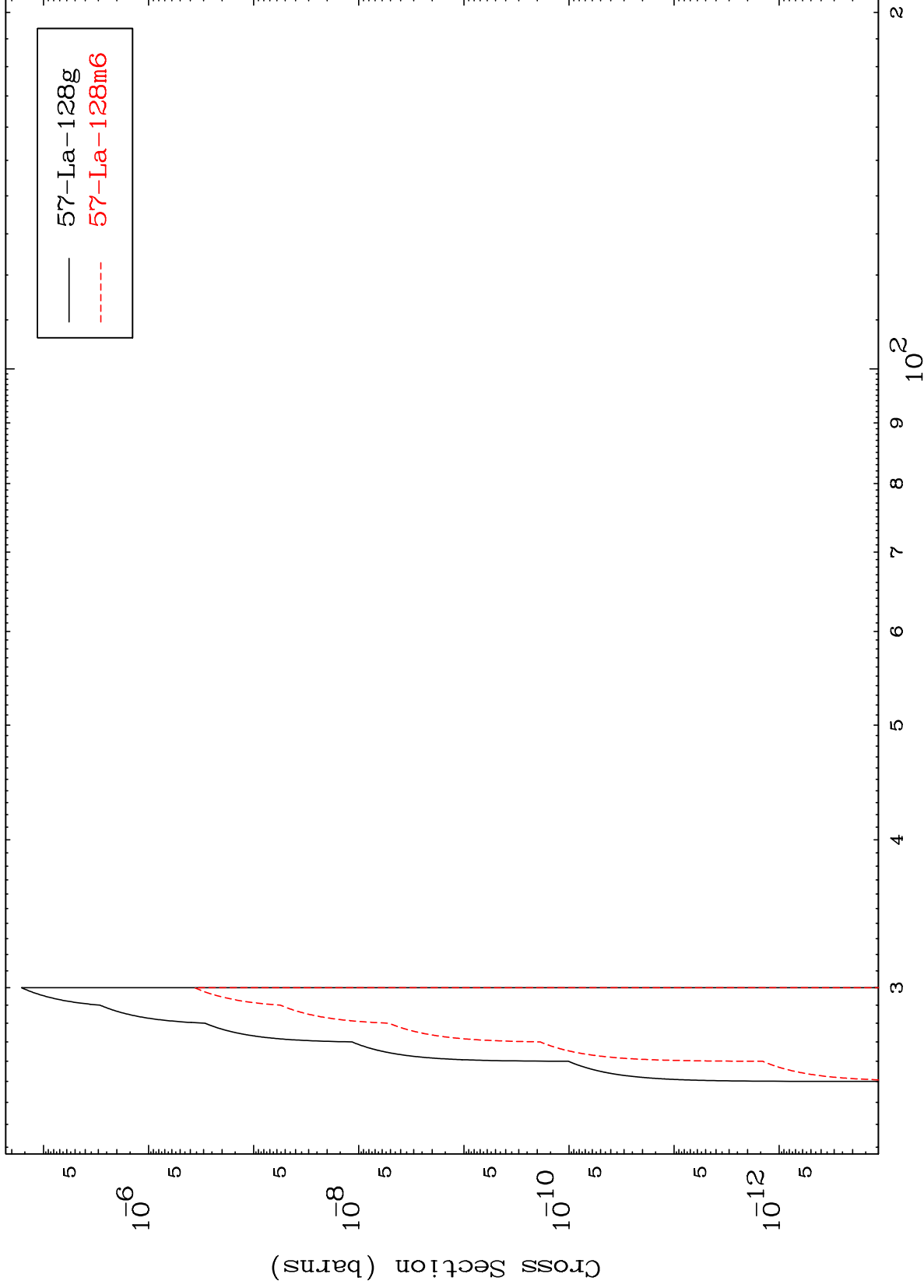
MAT 5811

58-Ce-131m

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

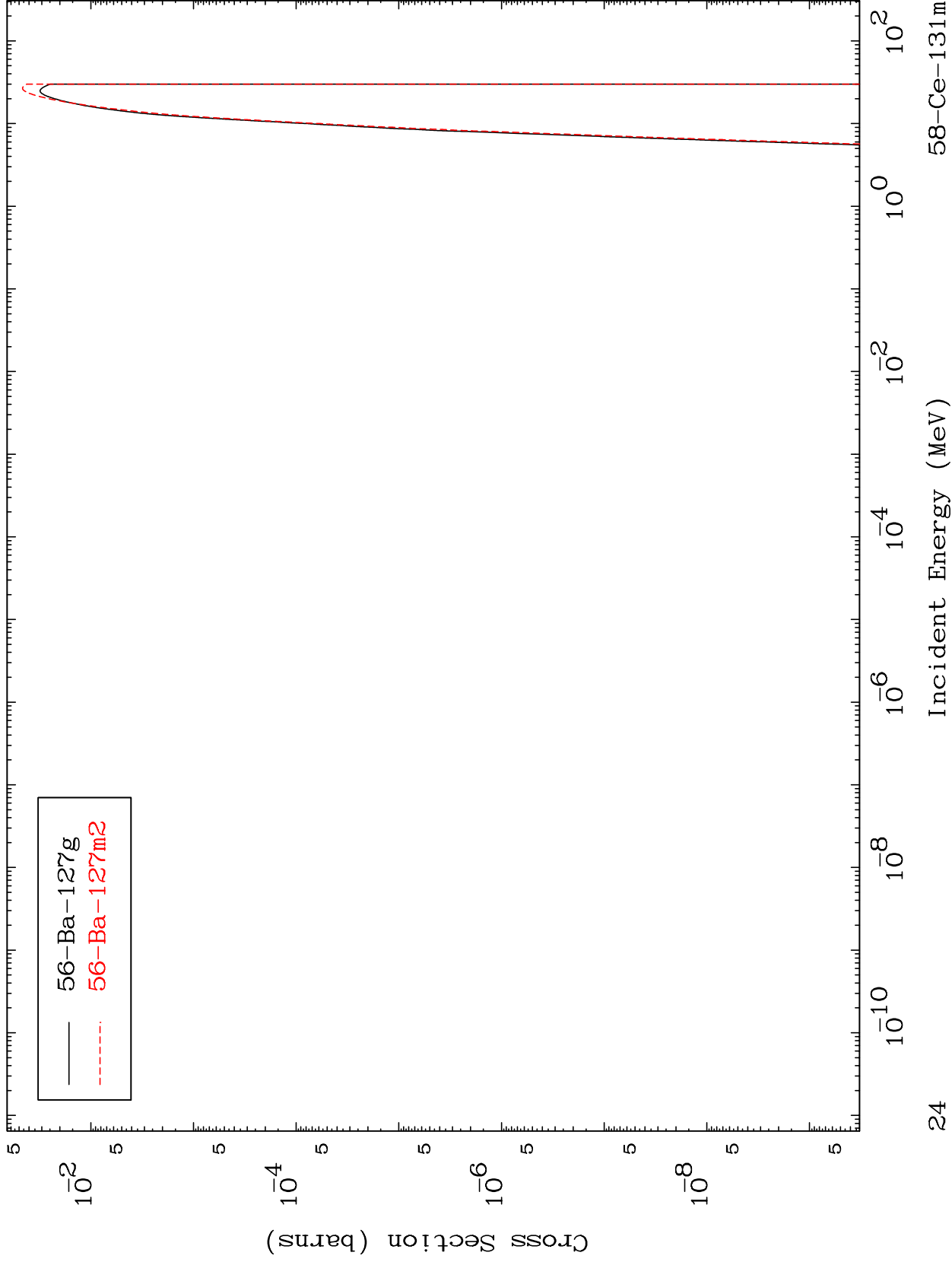


MAT 5811

$(n, n') \alpha$

58-Ce-131m

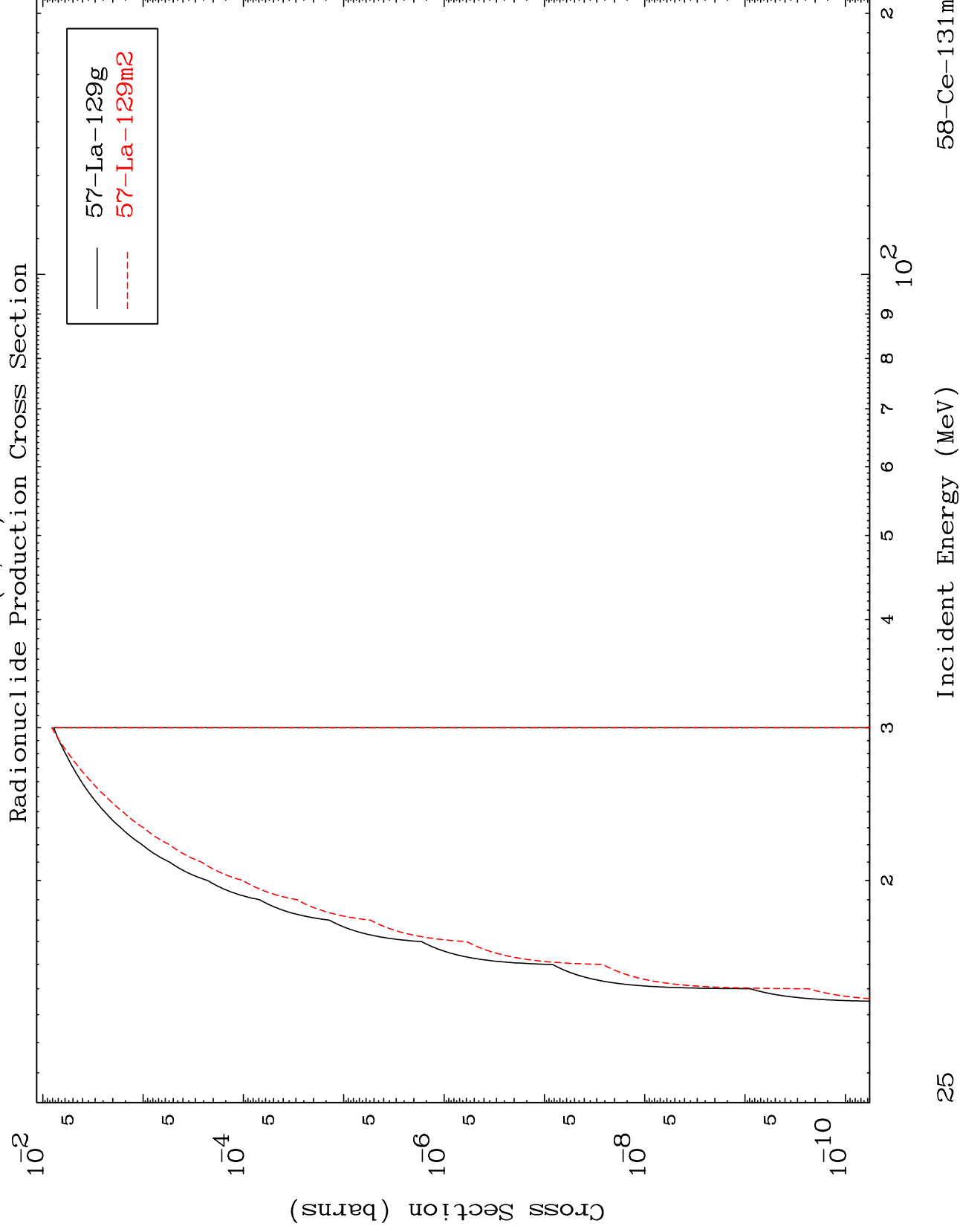
Radionuclide Production Cross Section



MAT 5811

(n,n') d

58-Ce-131m

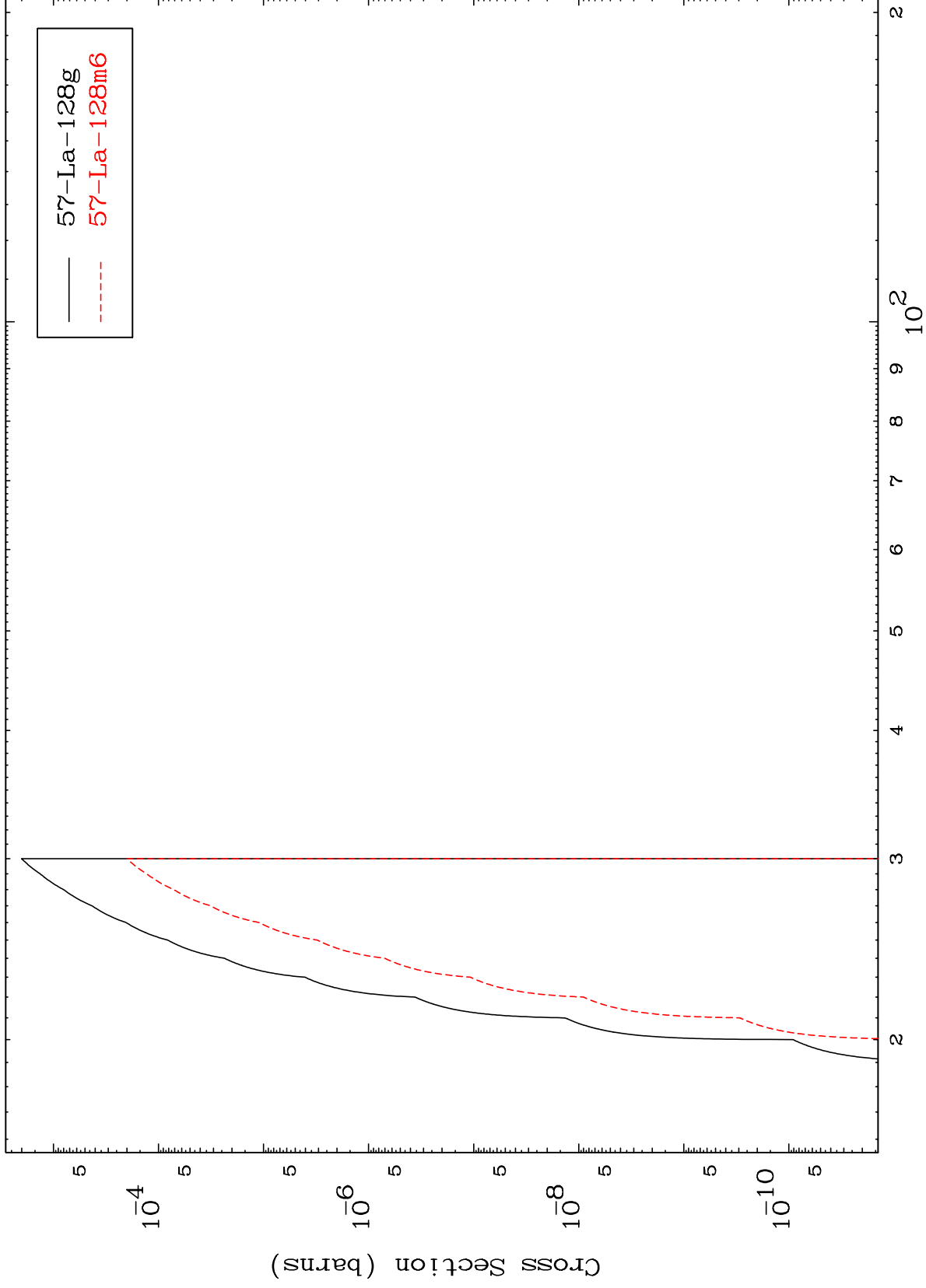


25

Incident Energy (MeV)

58-Ce-131m

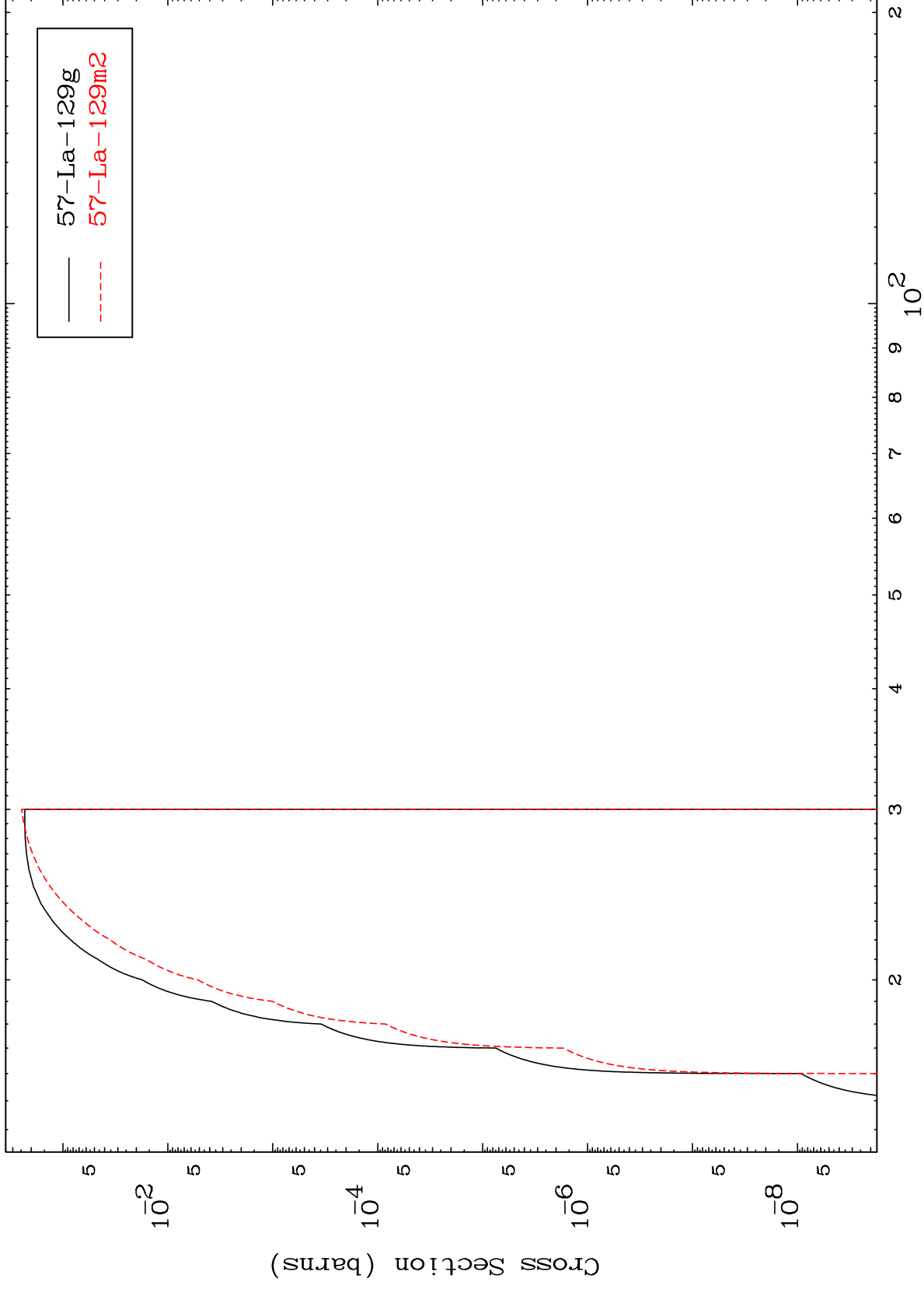
Radionuclide Production Cross Section



MAT 5811

58-Ce-131m

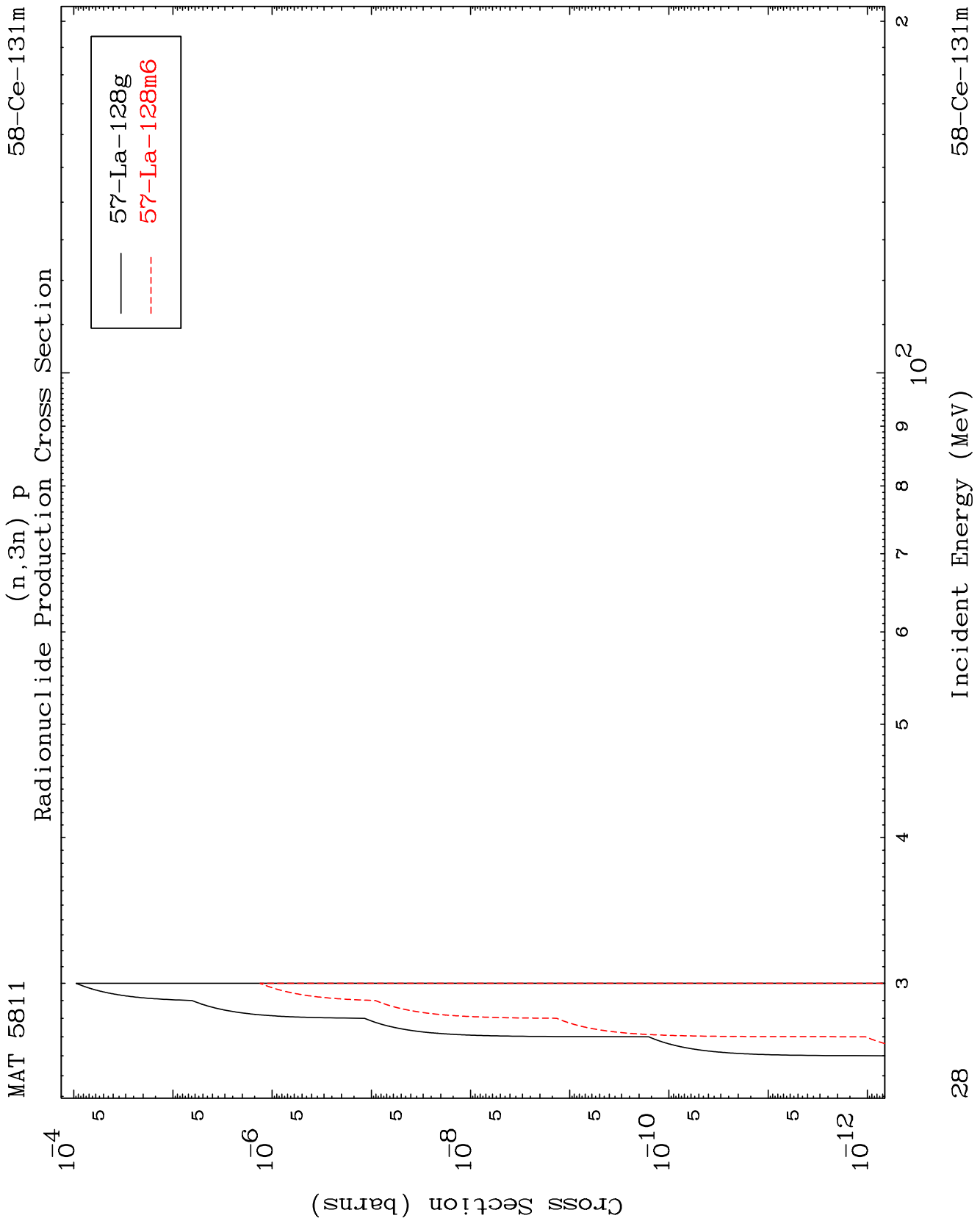
(n,2n) p
Radionuclide Production Cross Section



27

58-Ce-131m

Incident Energy (MeV)

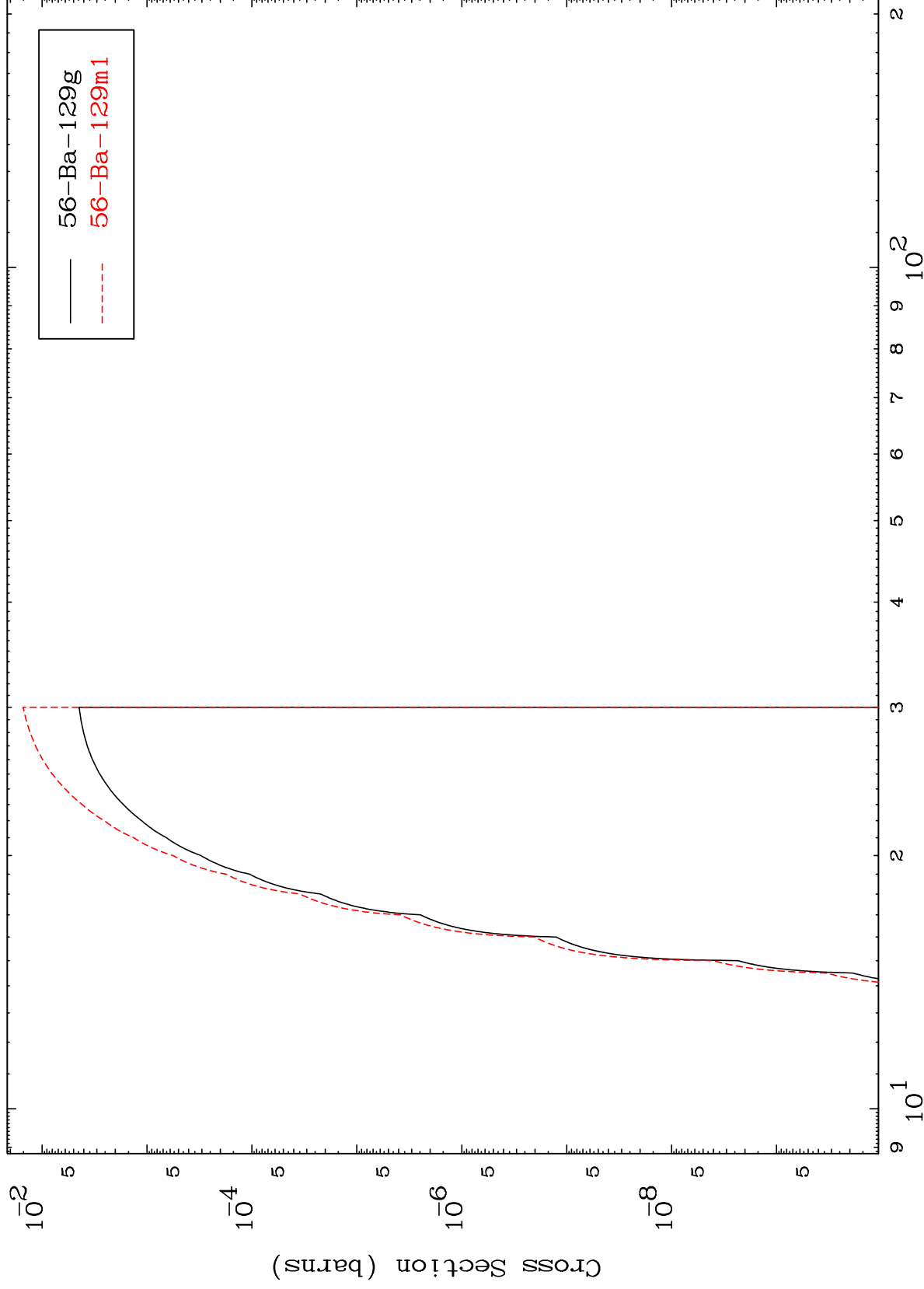


MAT 5811

58-Ce-131m

(n,2n) p

Radionuclide Production Cross Section



29

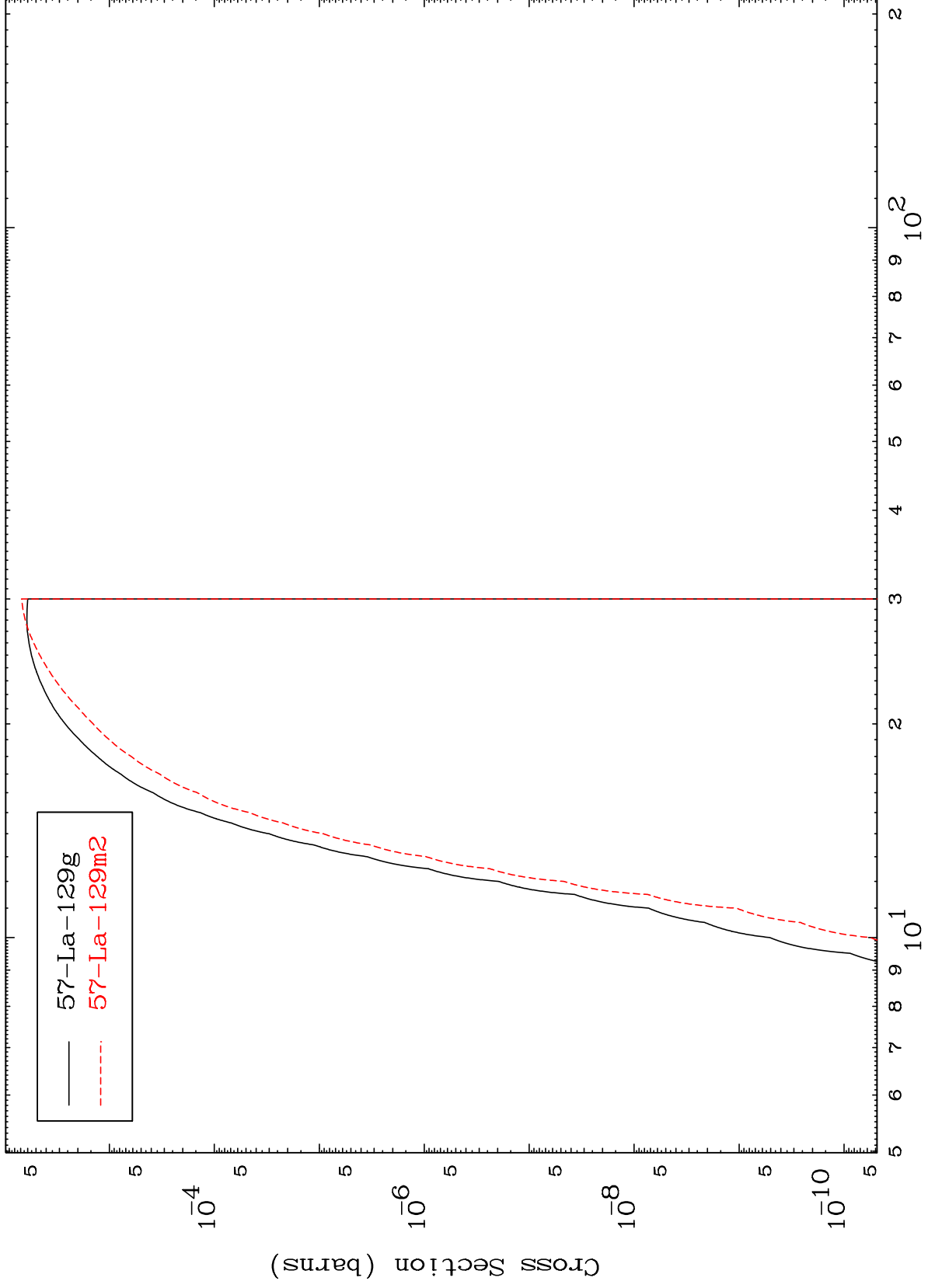
Incident Energy (MeV)

58-Ce-131m

MAT 5811

58-Ce-131m

(n, t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

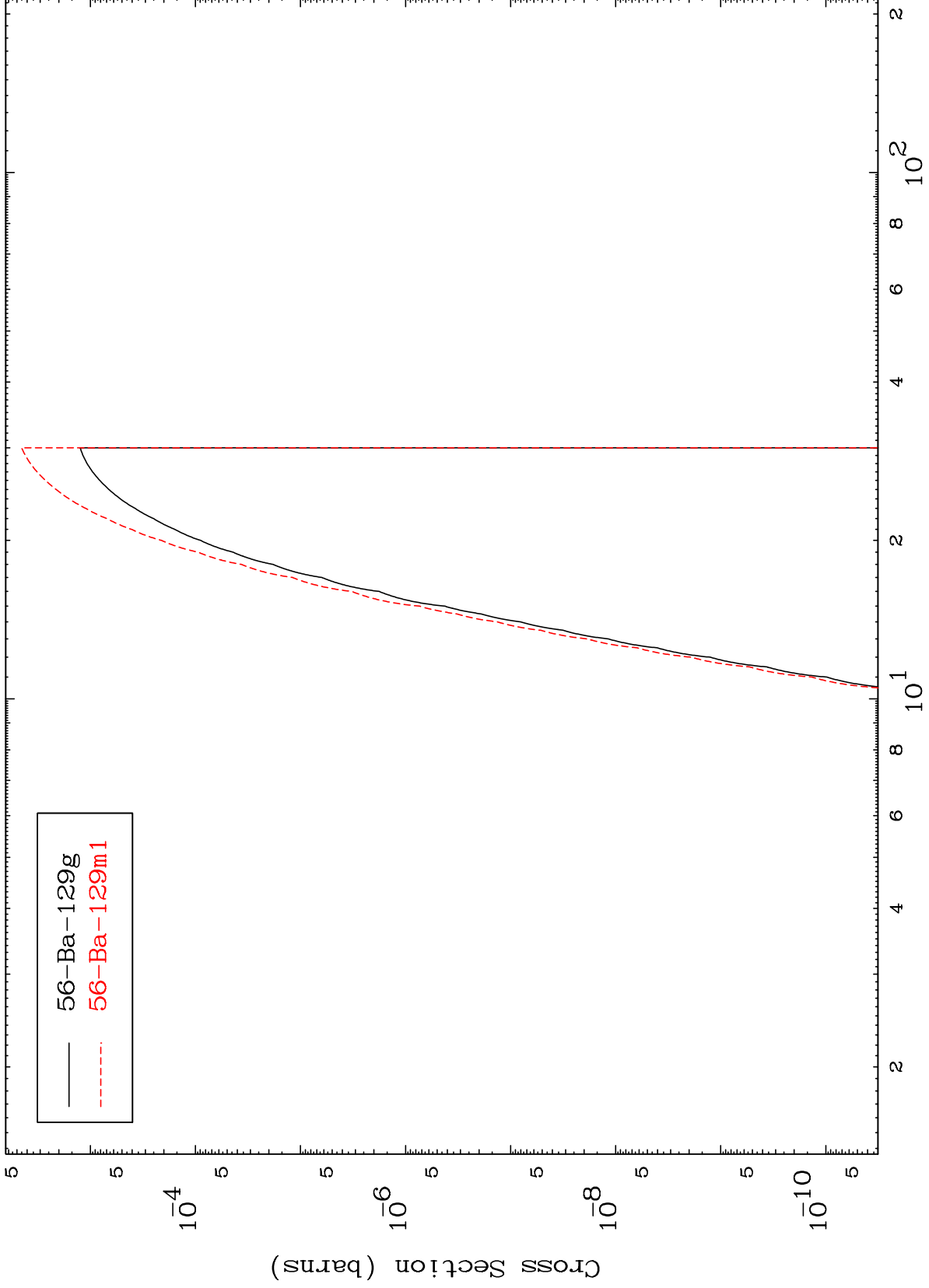
58-Ce-131m

MAT 5811

(n,He-3)

58-Ce-131m

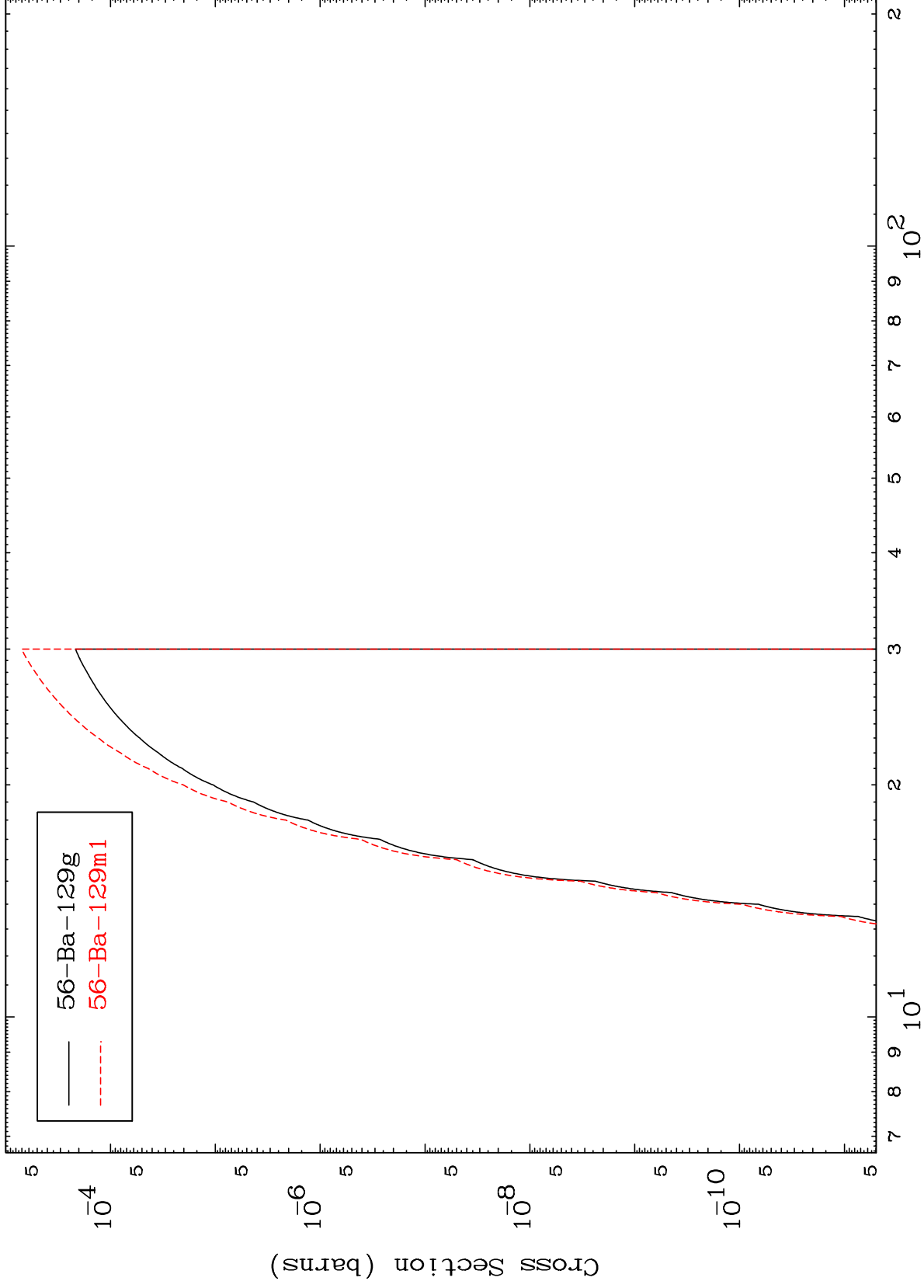
Radionuclide Production Cross Section



MAT 5811

58-Ce-131m

(n,p) d
Radionuclide Production Cross Section



32

Incident Energy (MeV)

58-Ce-131m