

Program EVALPLOT
(Version 2021-1)

by

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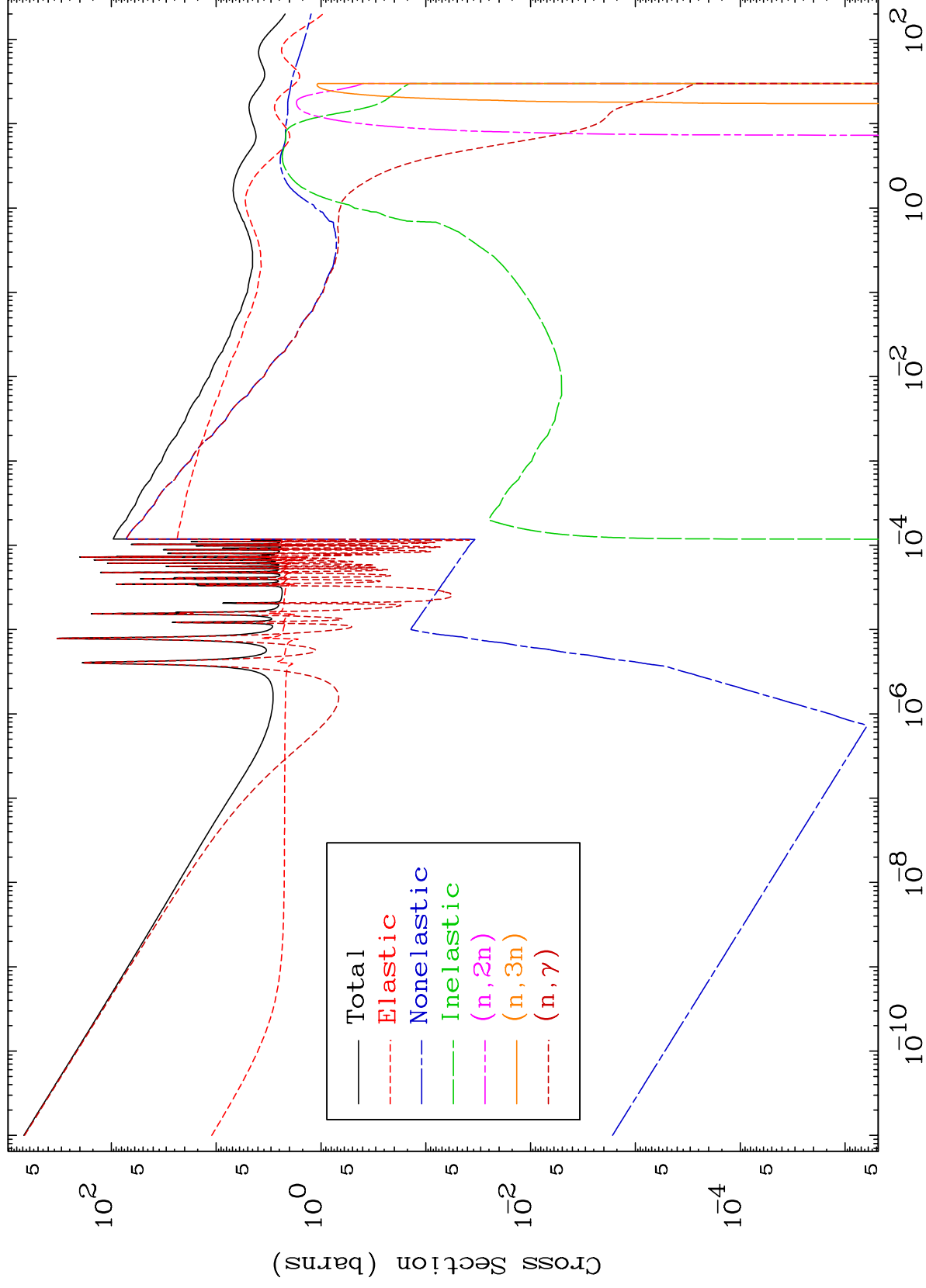
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5829

Neutron Major
293 Kelvin Cross Sections

58-Ce-137m

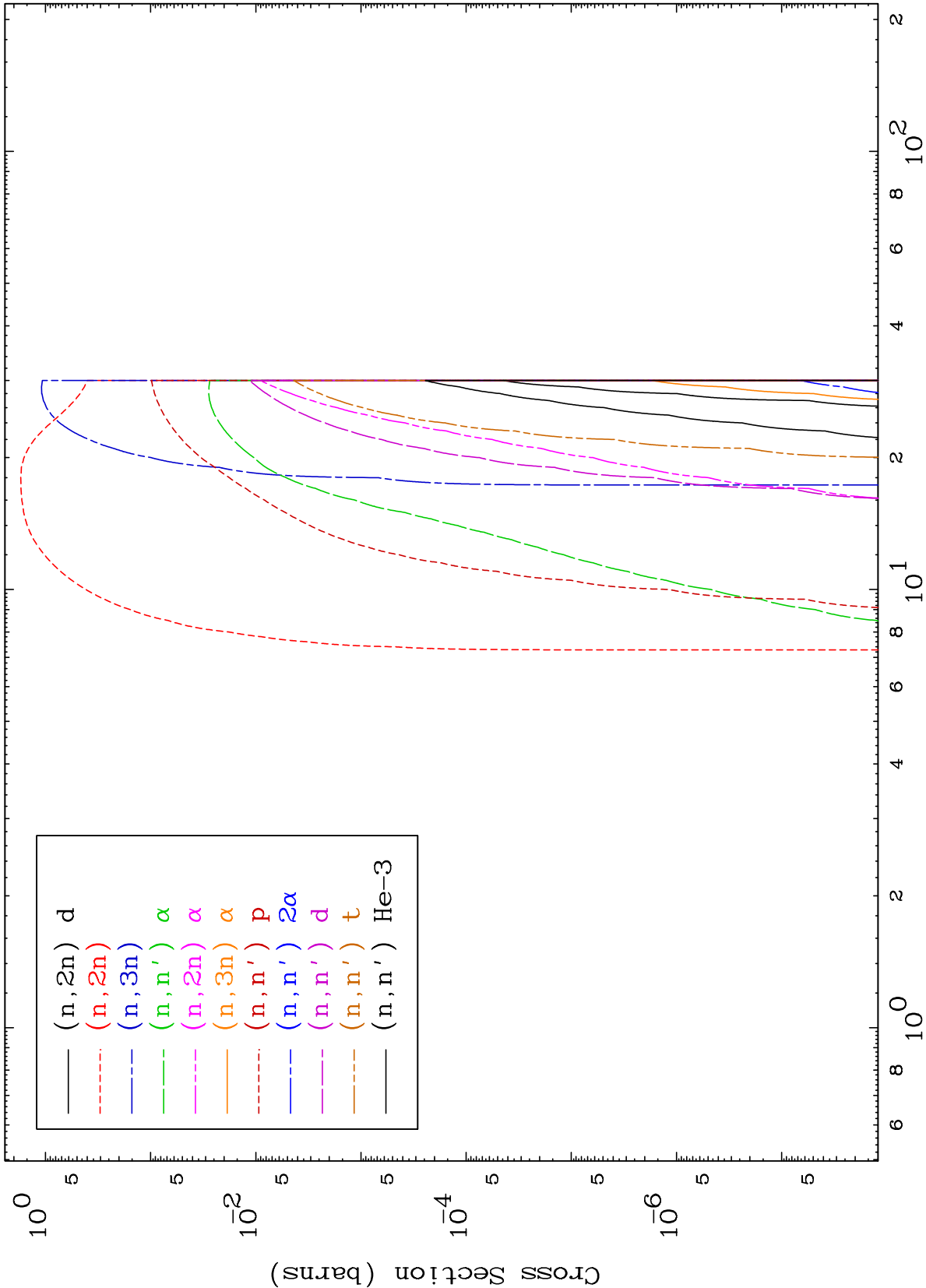


MAT 5829

Neutron Absorption

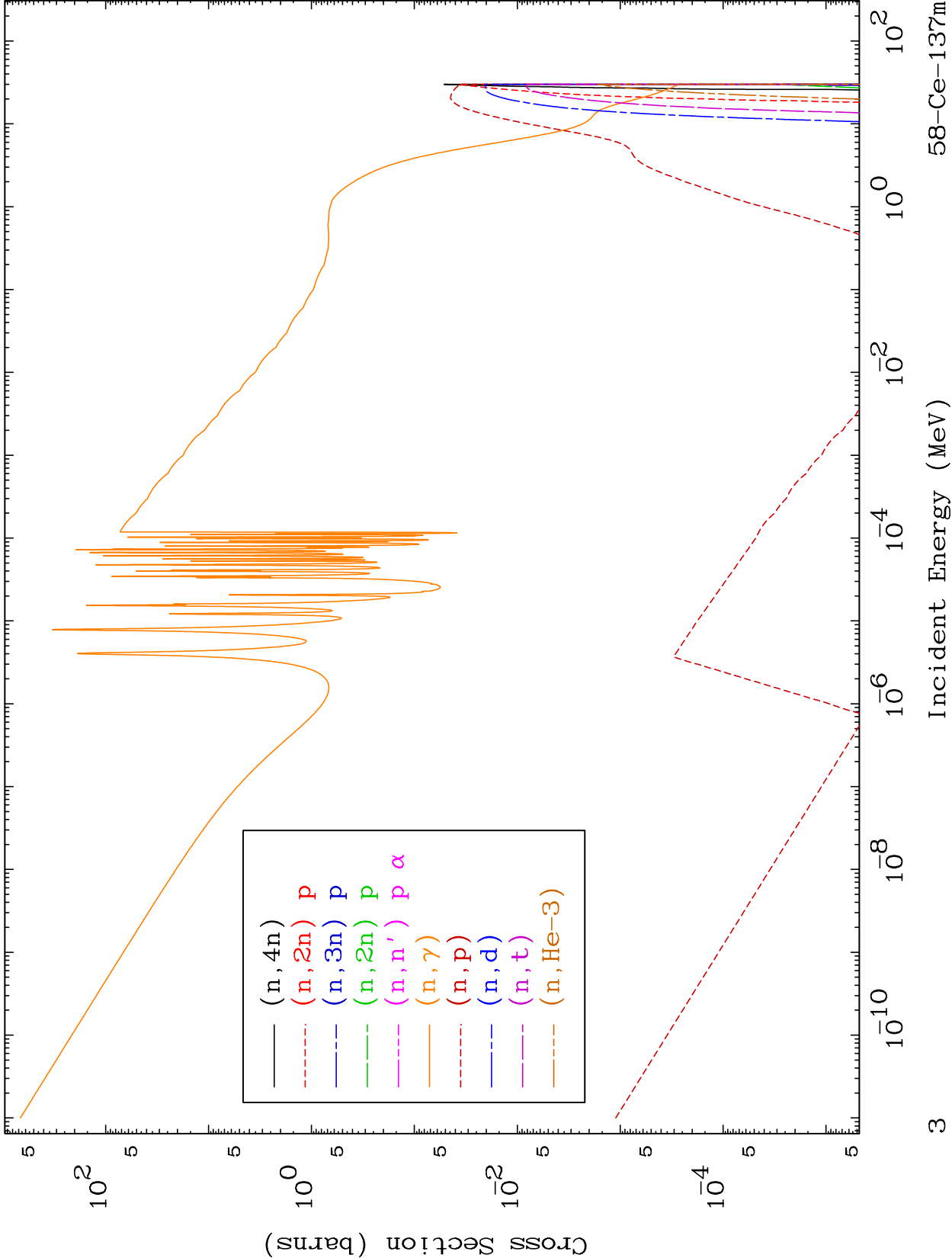
58-Ce-137m

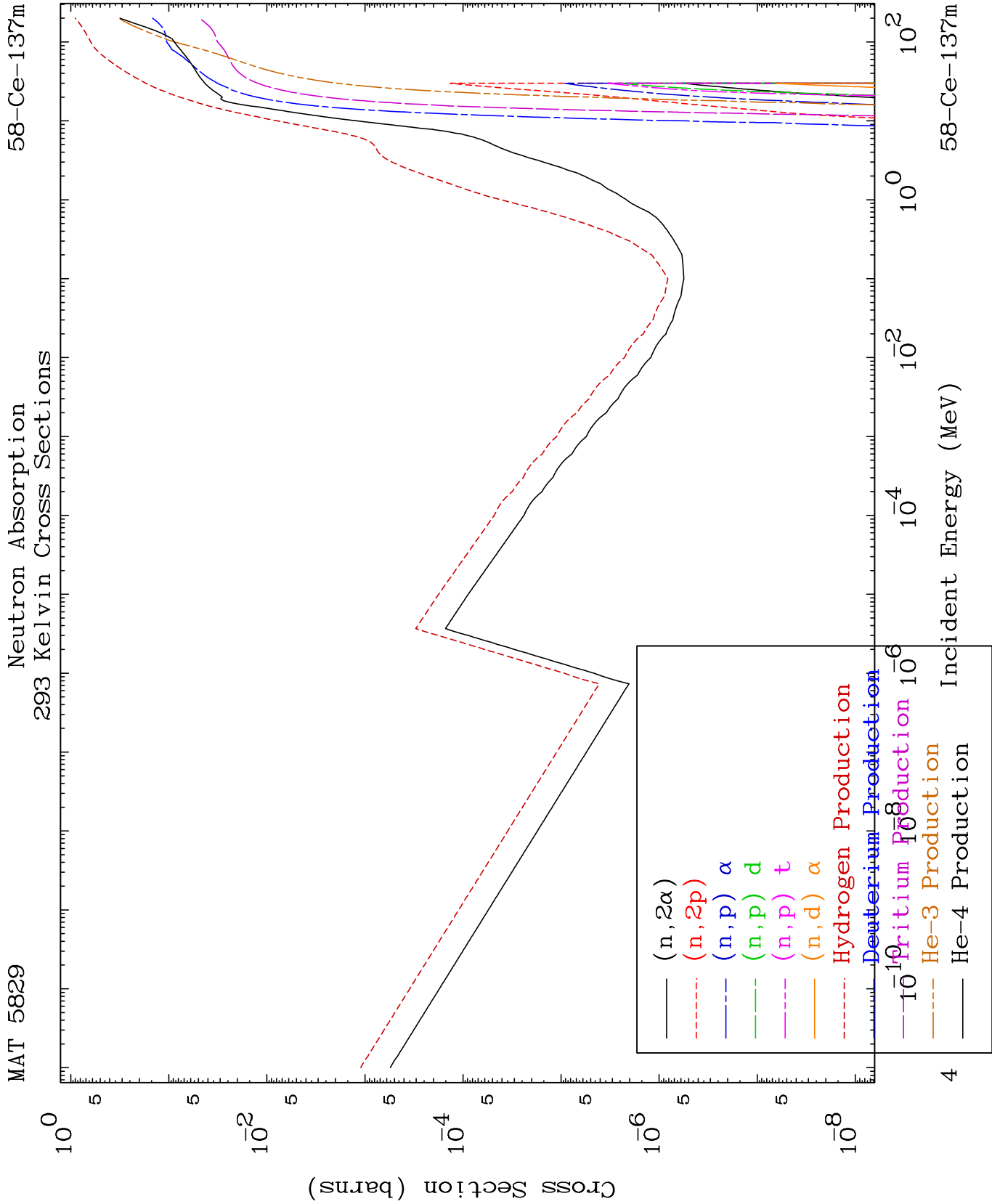
293 Kelvin Cross Sections

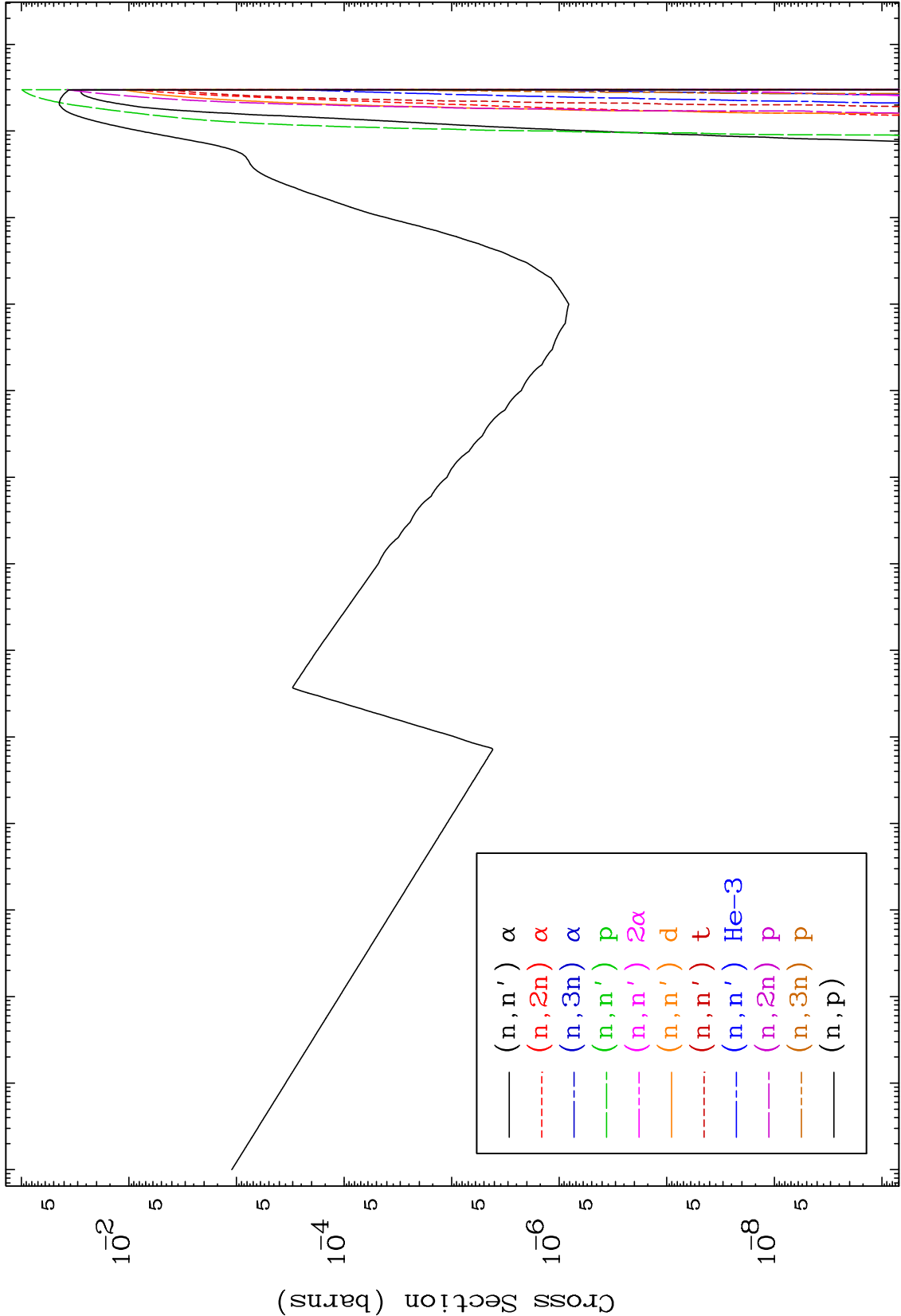


Incident Energy (MeV)

58-Ce-137m



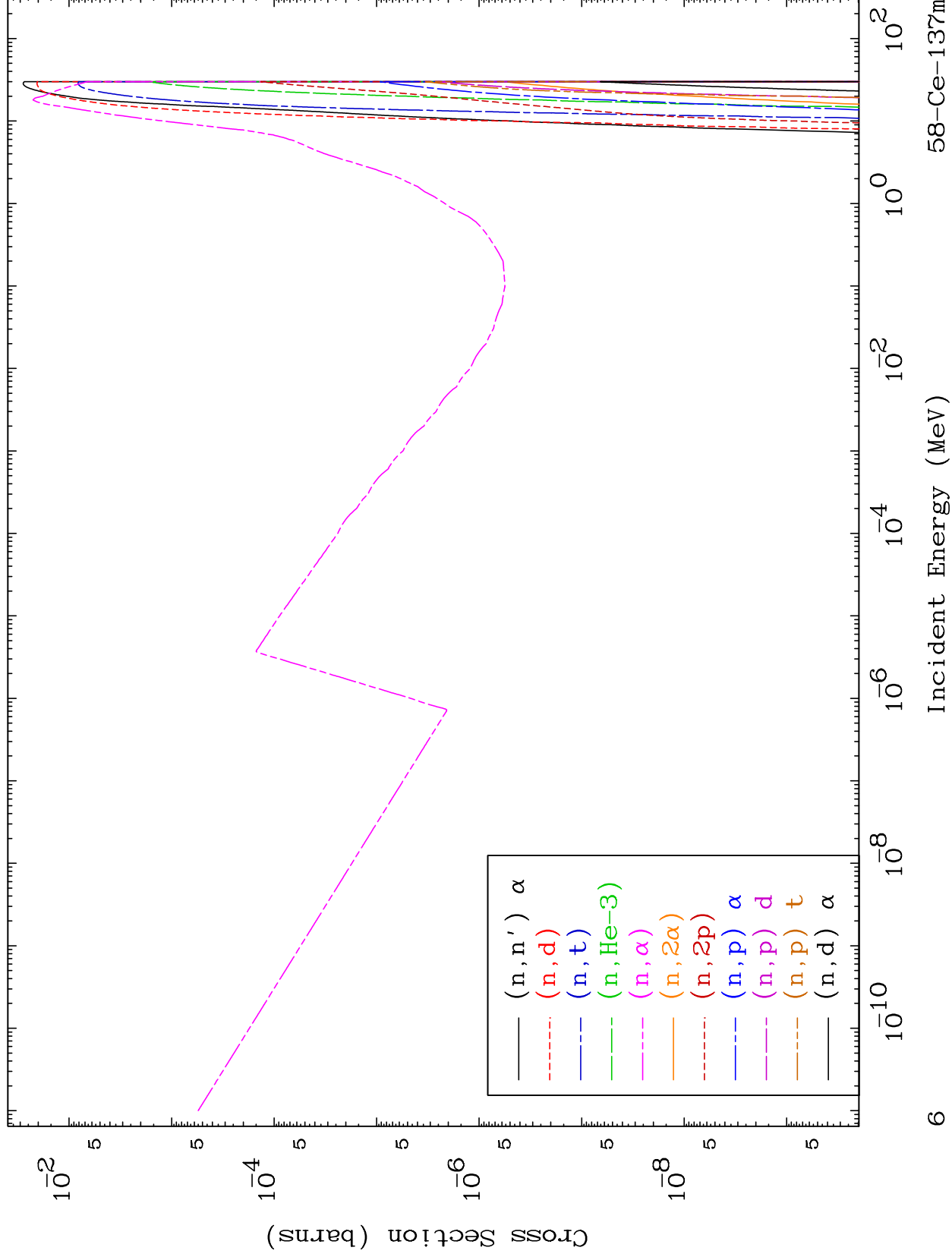


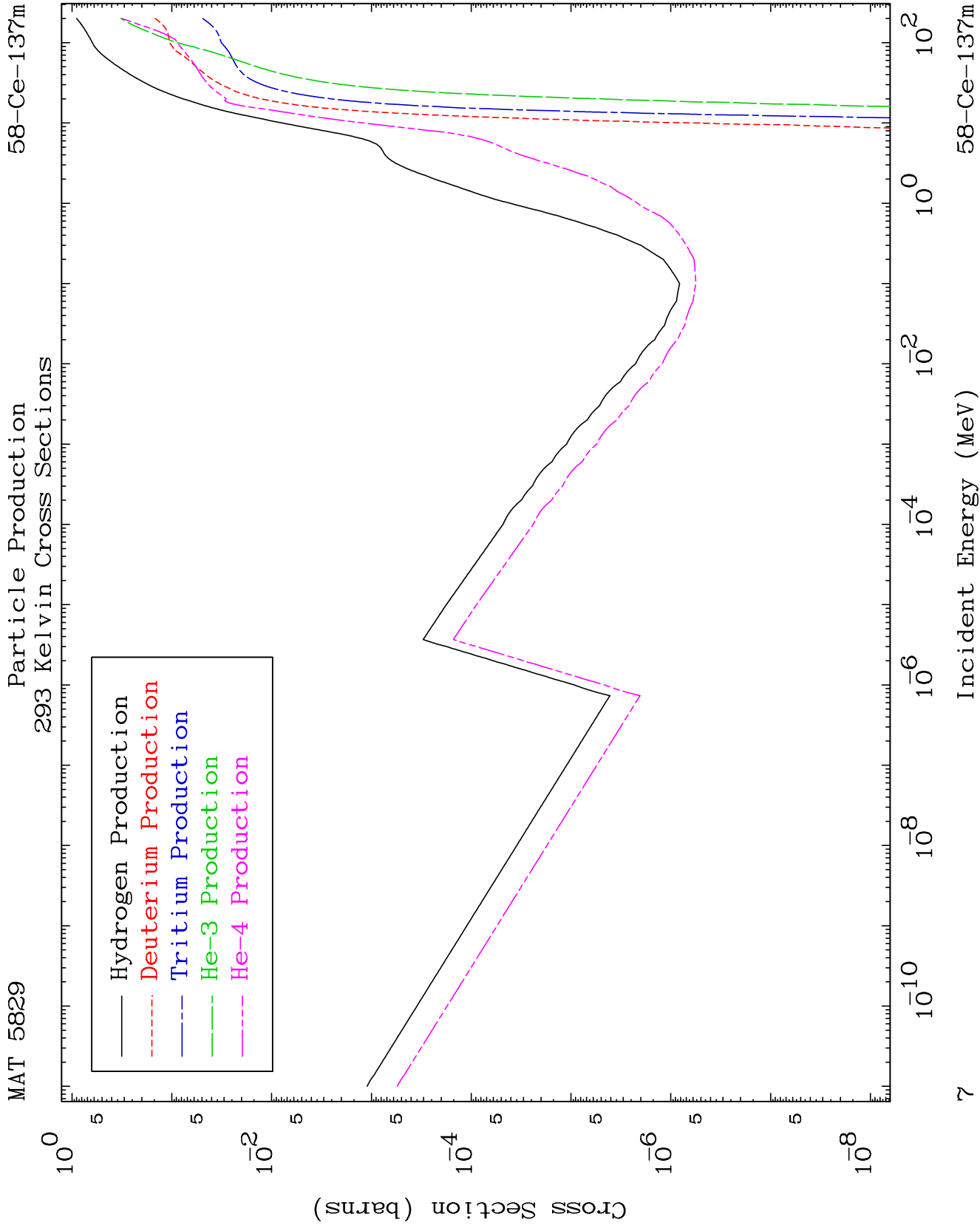


MAT 5829

Charged Particle
293 Kelvin Cross Sections

58-Ce-137m

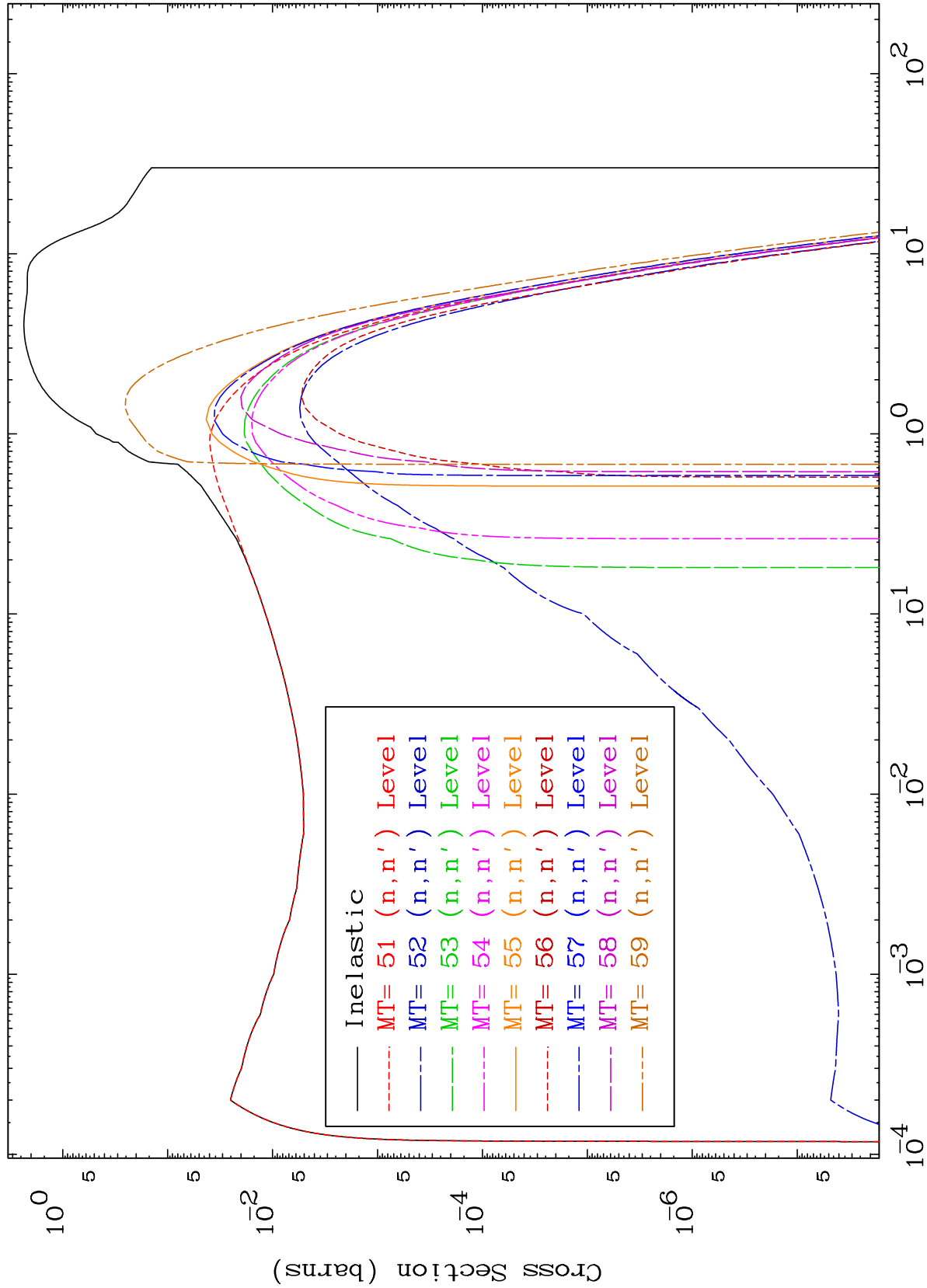




MAT 5829

(n,n') Levels
293 Kelvin Cross Sections

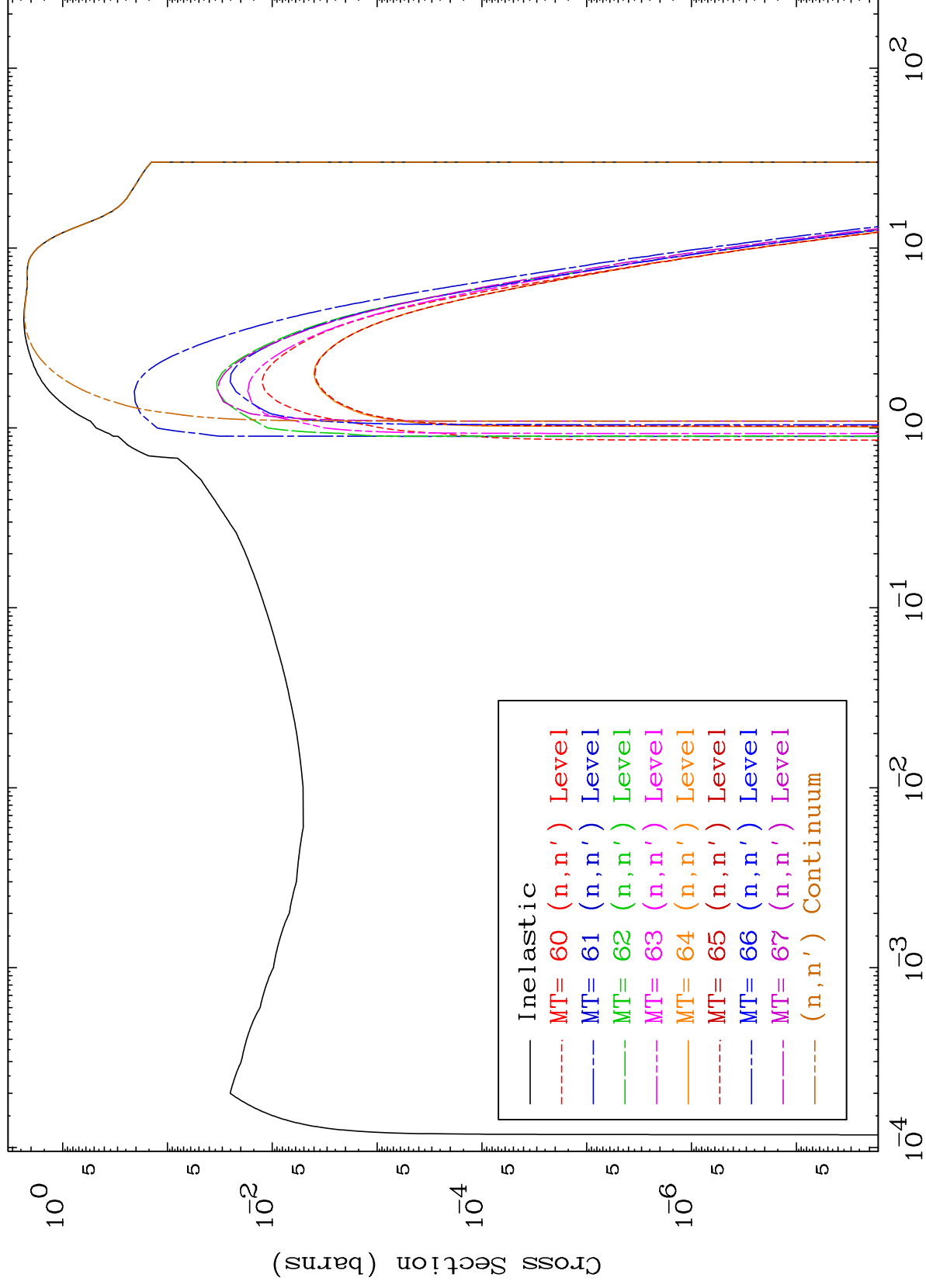
58-Ce-137m



MAT 5829

(n,n') Levels
293 Kelvin Cross Sections

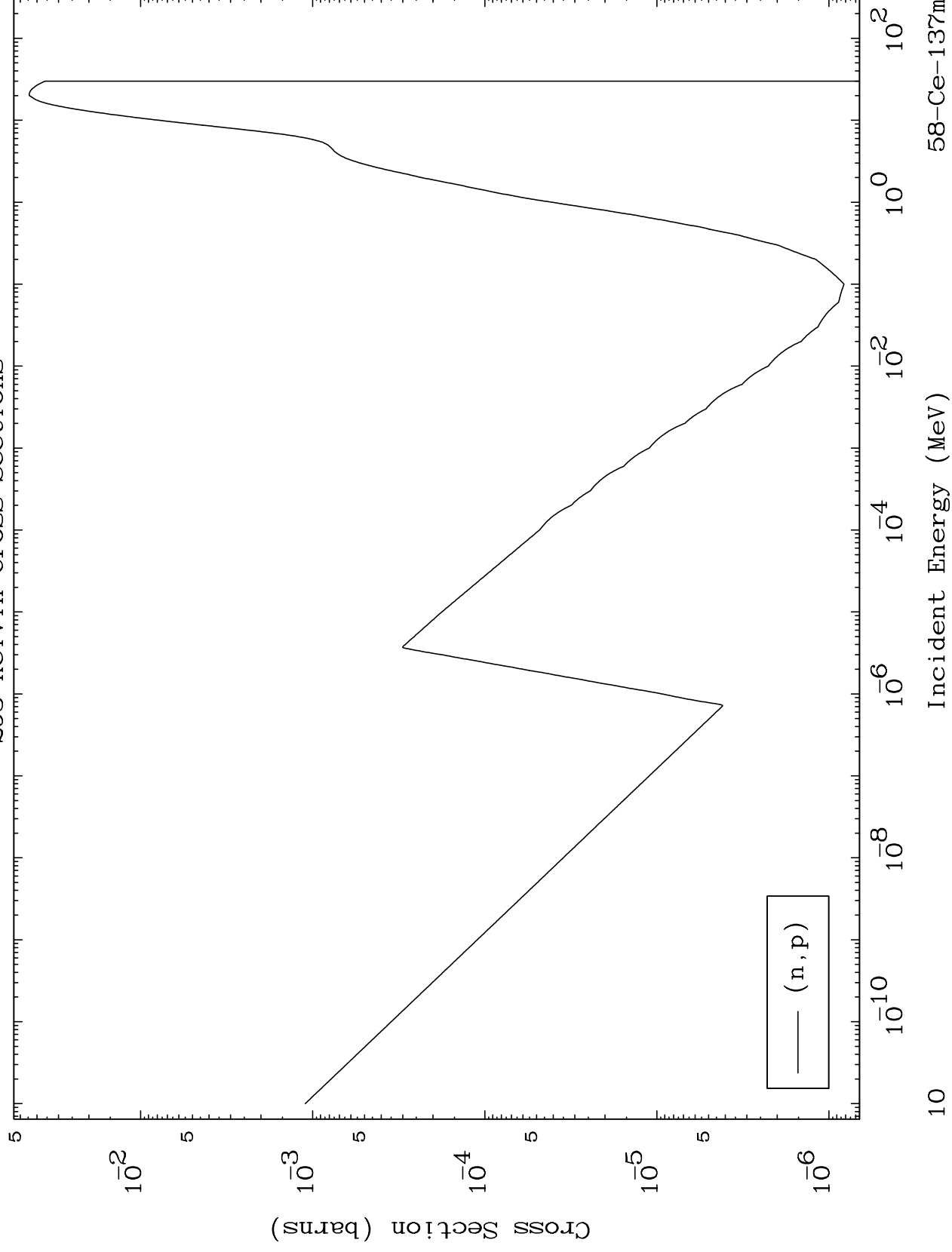
58-Ce-137m



MAT 5829

(n,p) Levels
293 Kelvin Cross Sections

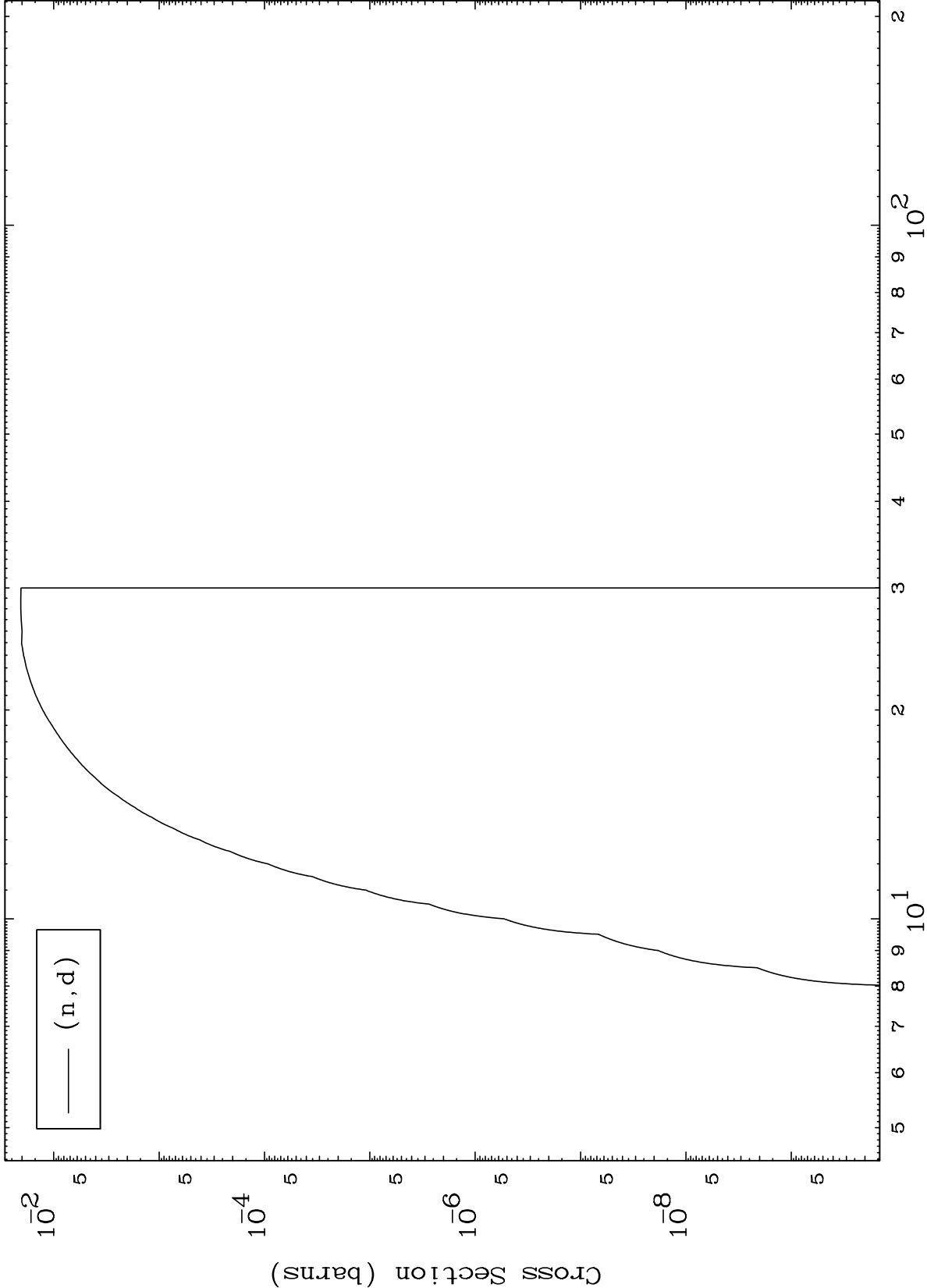
58-Ce-137m

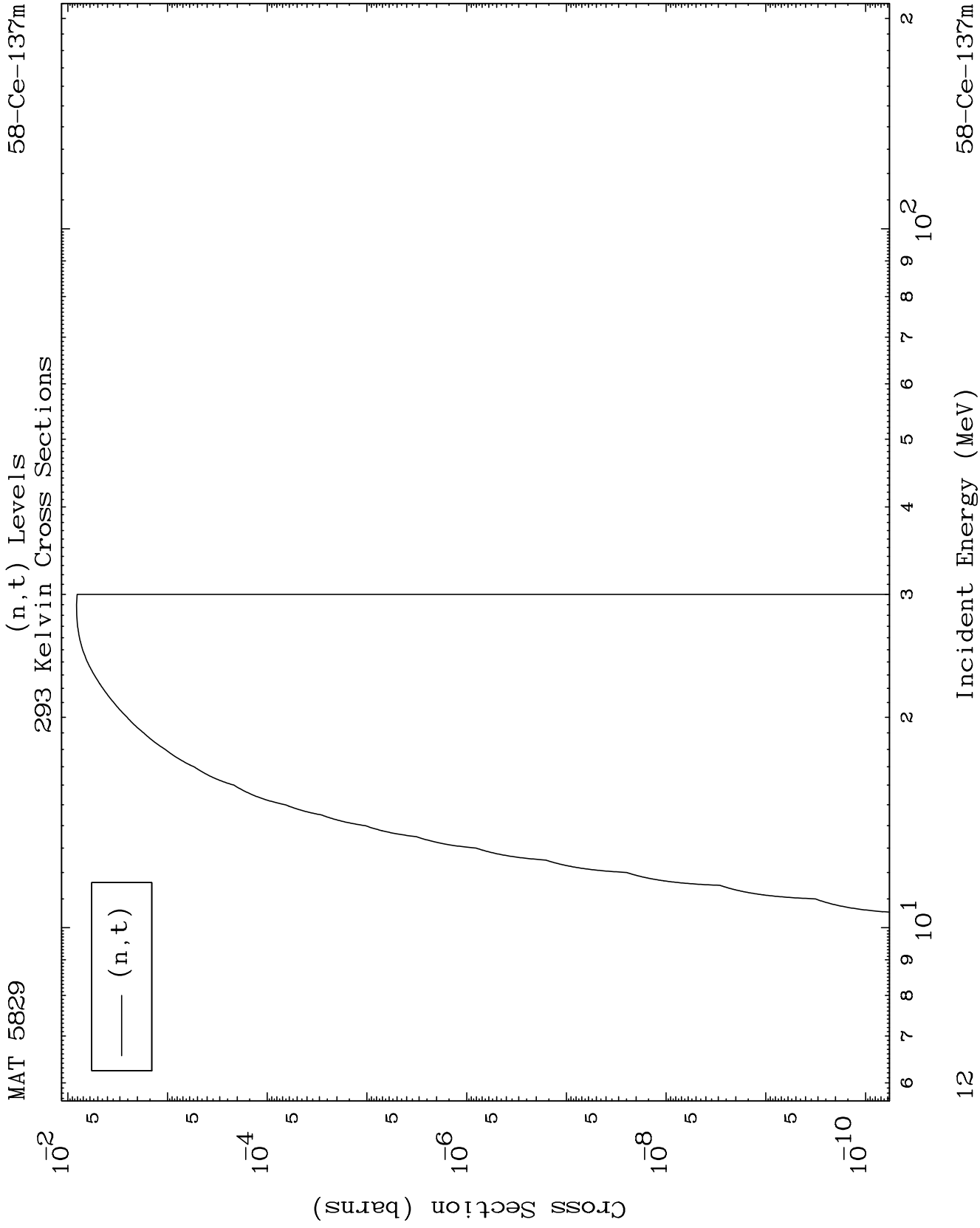


MAT 5829

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-137m

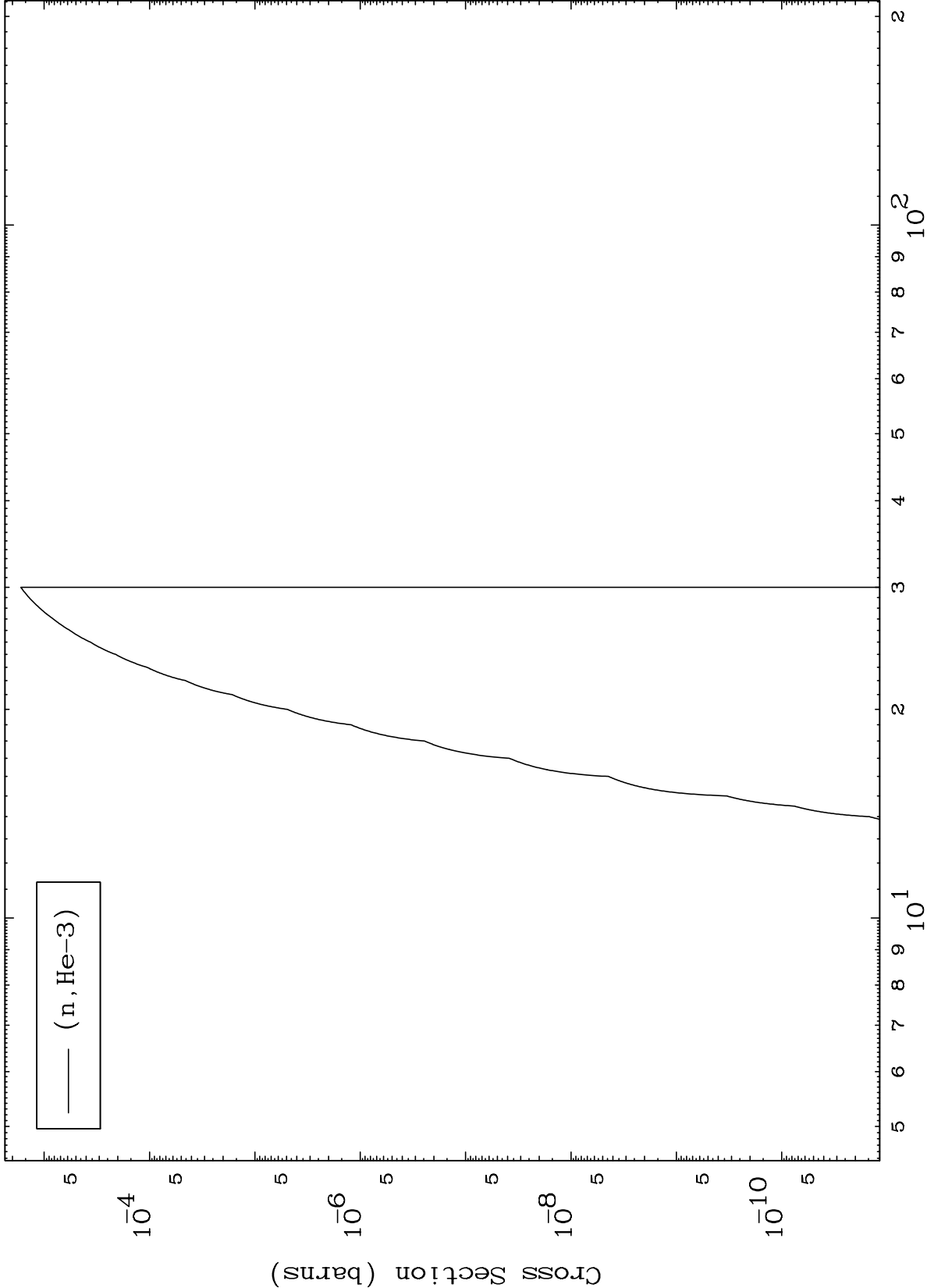




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(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-137m



13

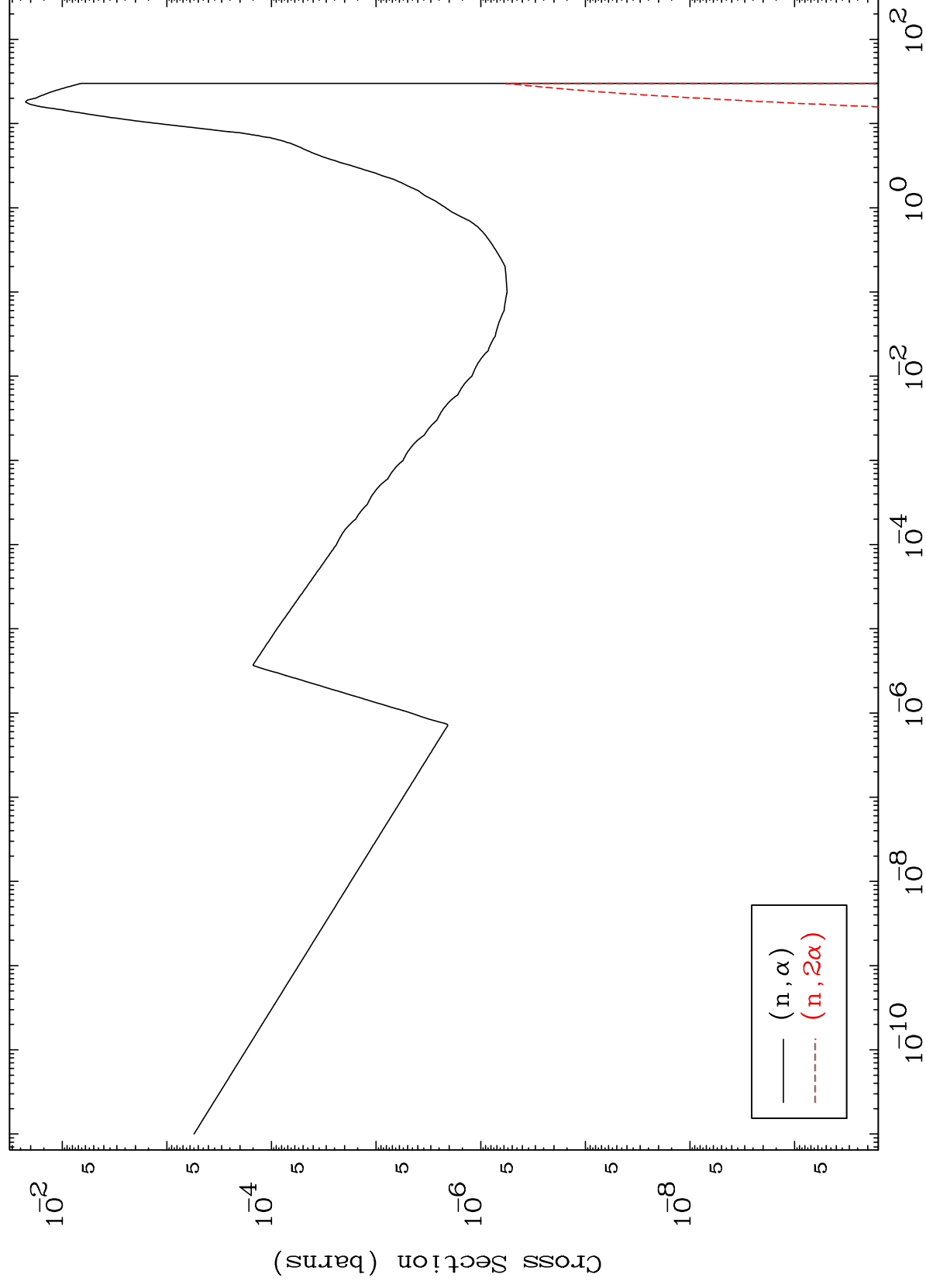
Incident Energy (MeV)

58-Ce-137m

MAT 5829

(n, α) Levels
293 Kelvin Cross Sections

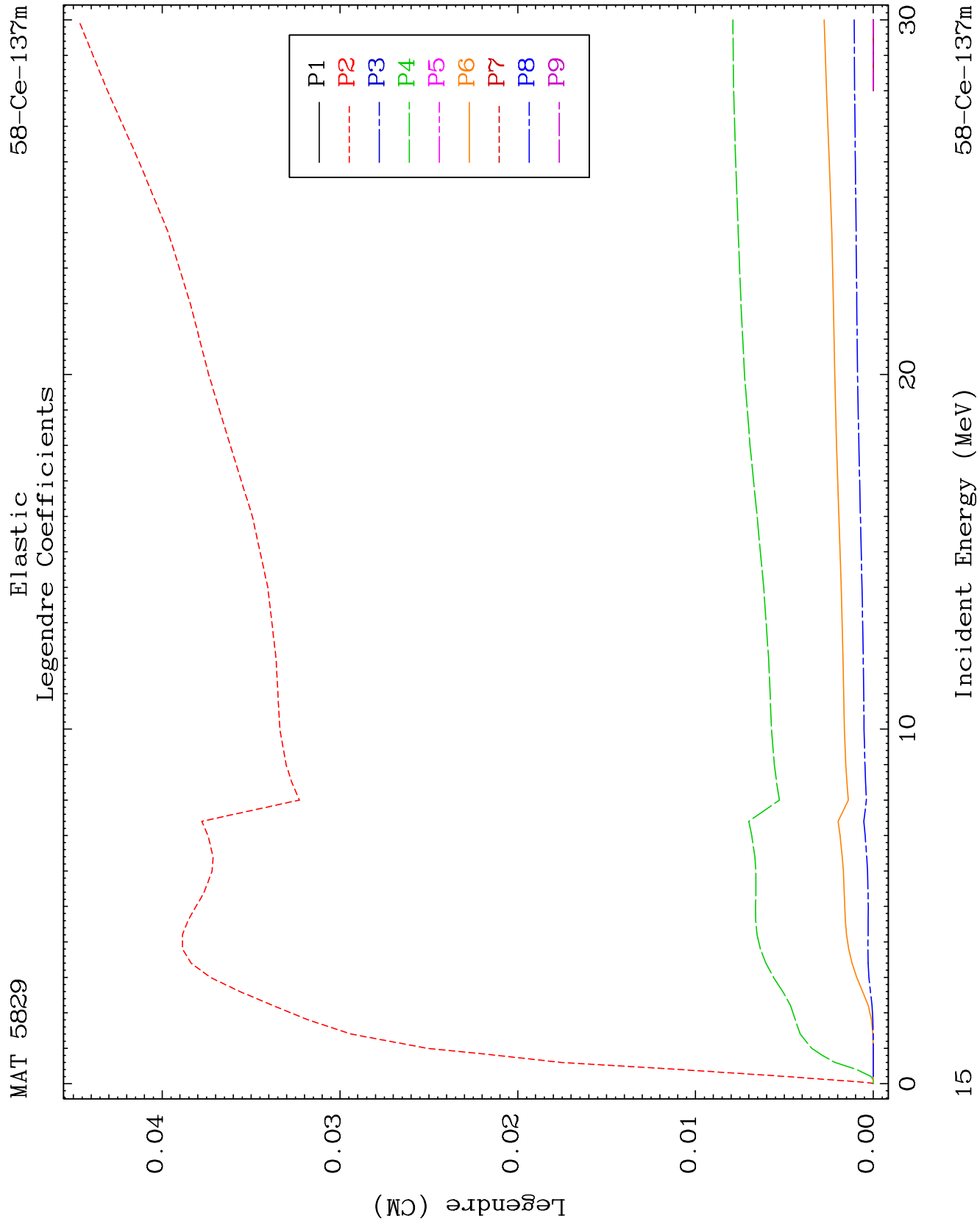
58-Ce-137m



14

Incident Energy (MeV)

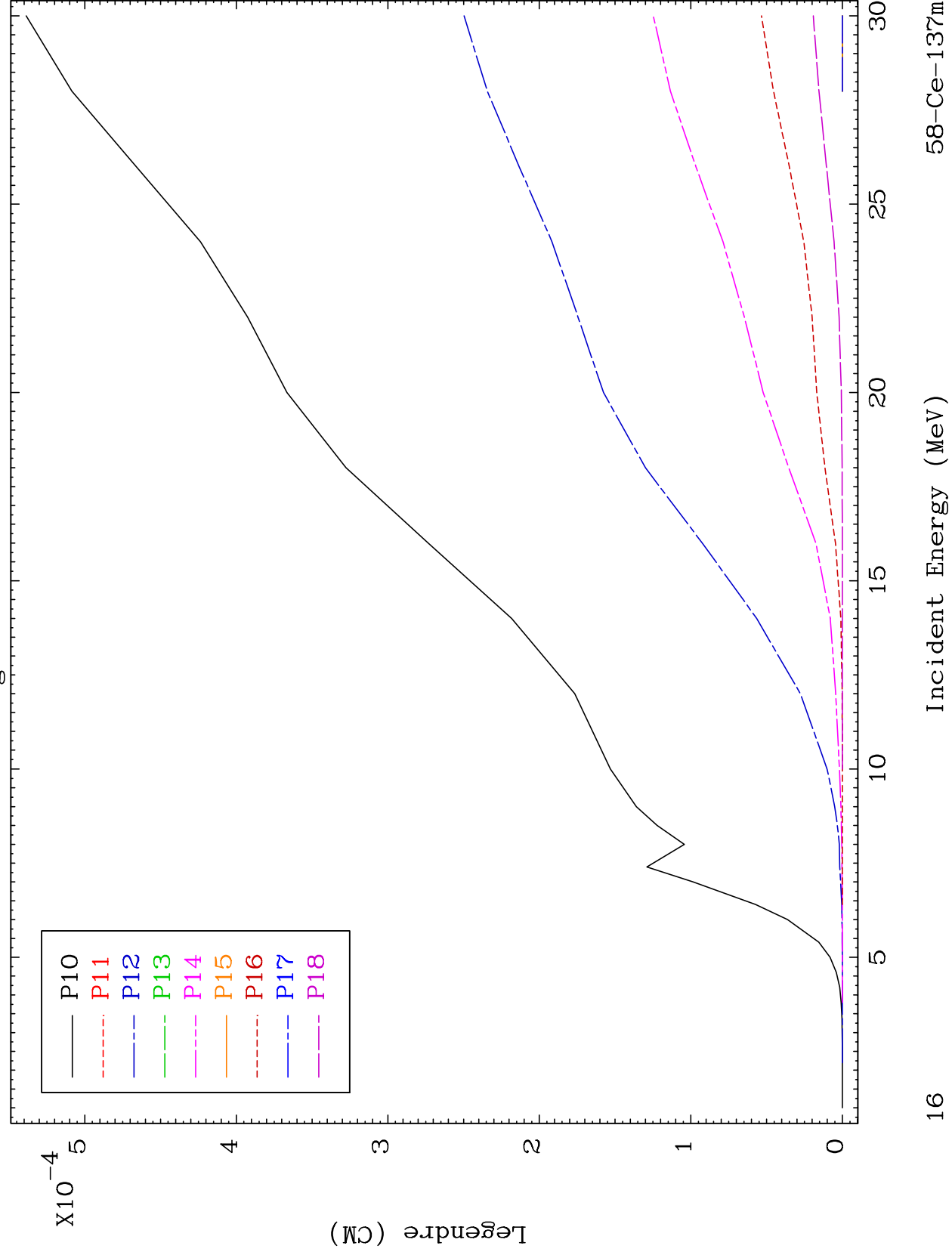
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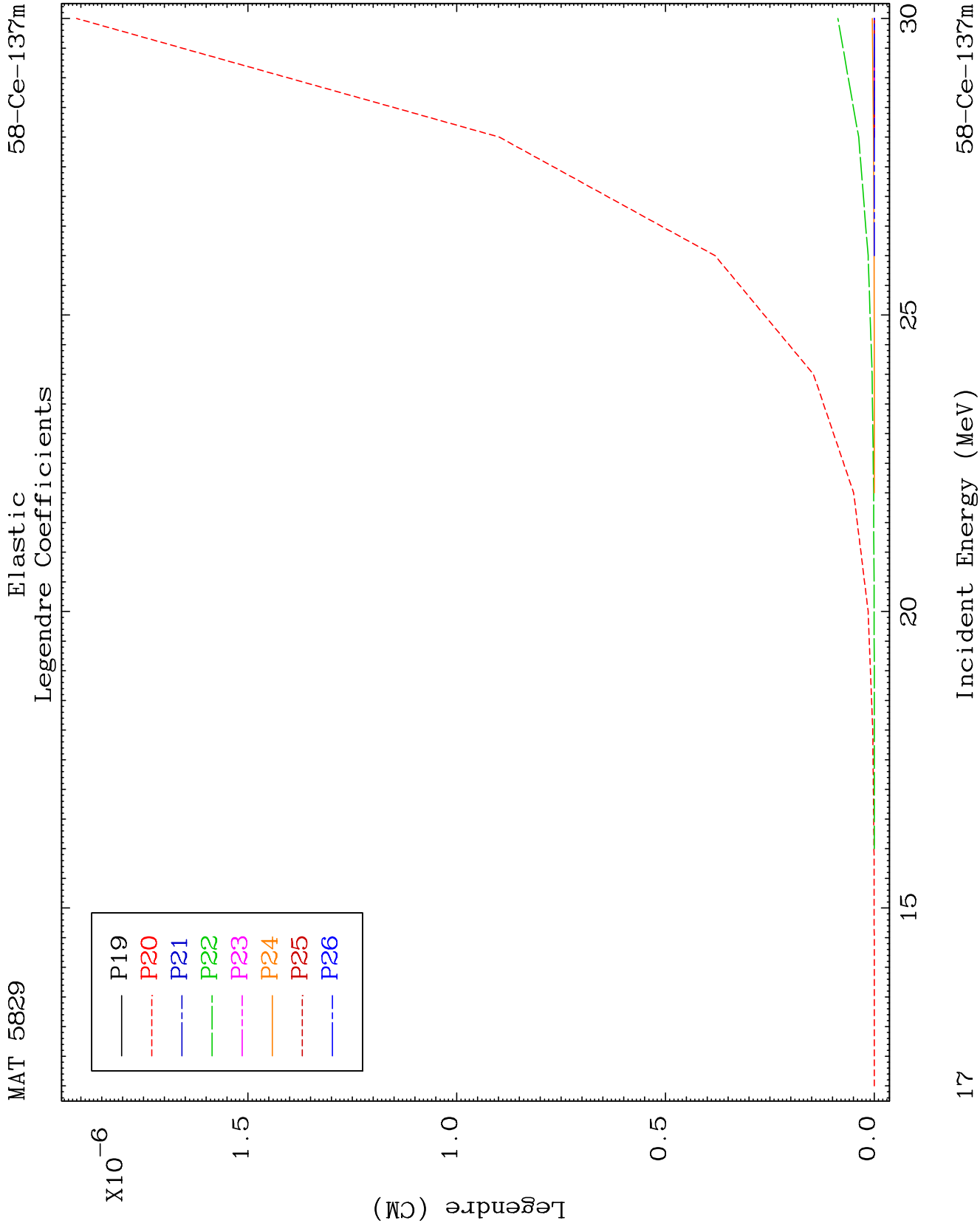


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Elastic Legendre Coefficients

58-Ce-137m

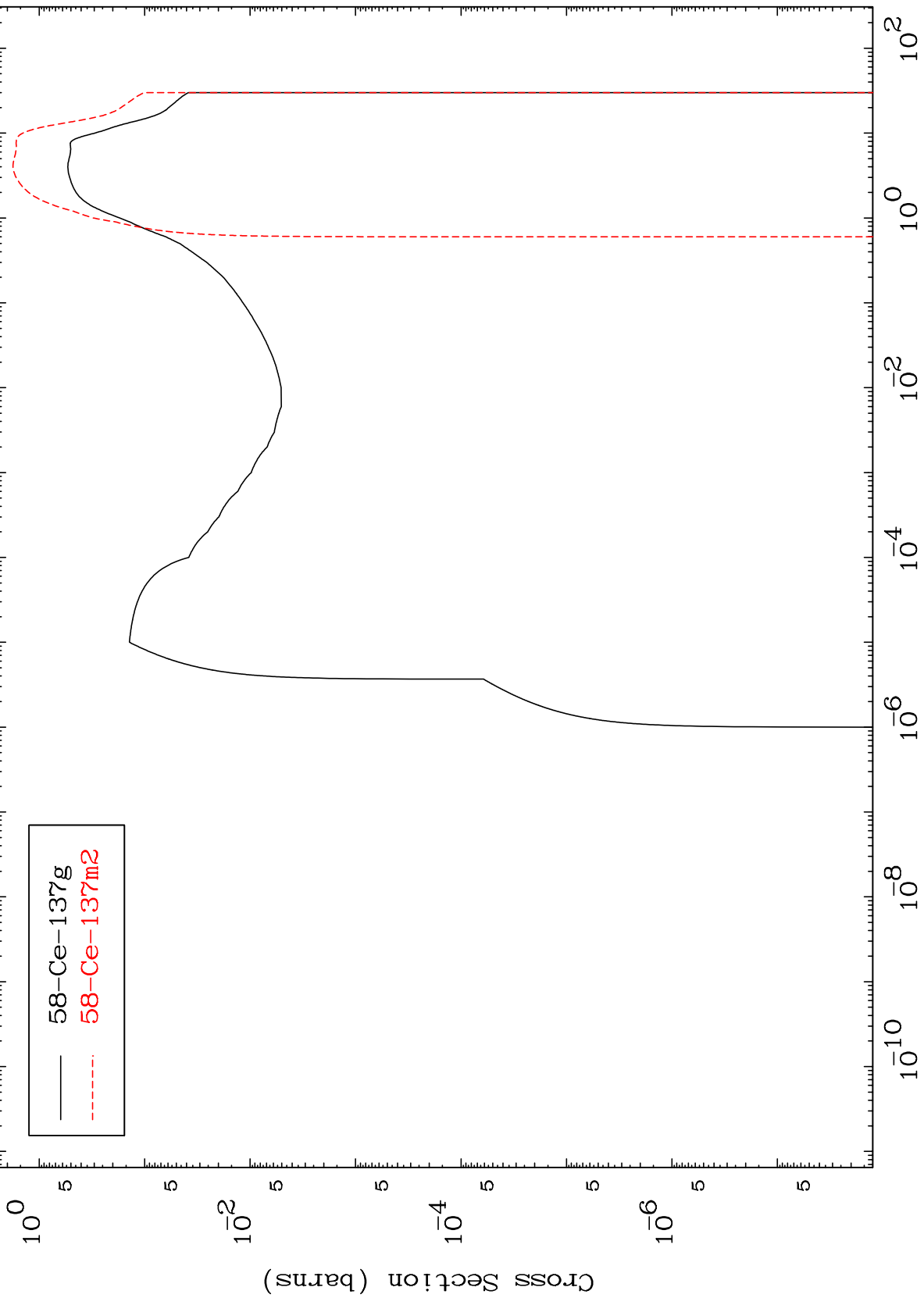




MAT 5829

58-Ce-137m

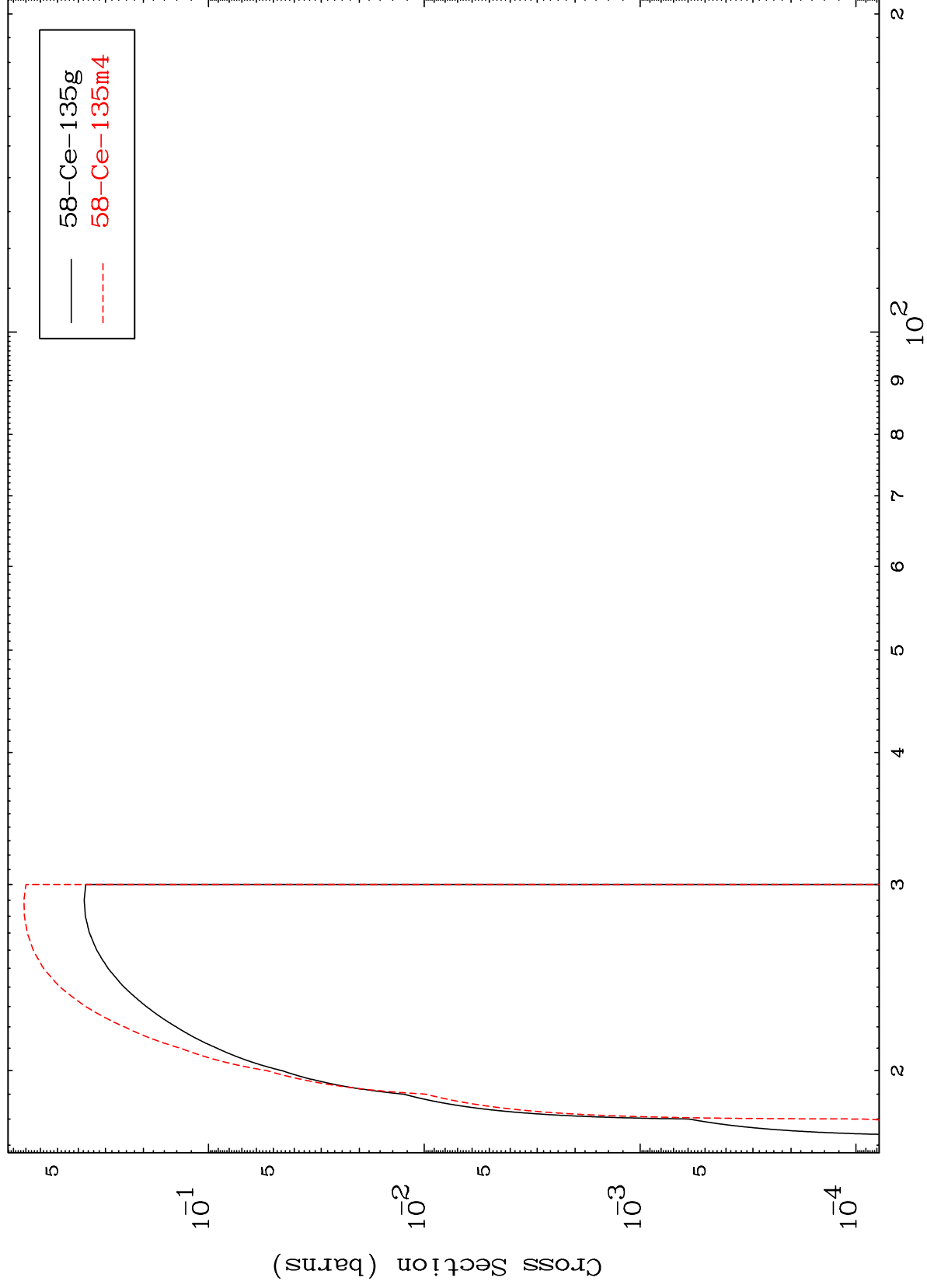
Inelastic
Radionuclide Production Cross Section



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58-Ce-137m

(n,3n)
Radionuclide Production Cross Section



58-Ce-137m

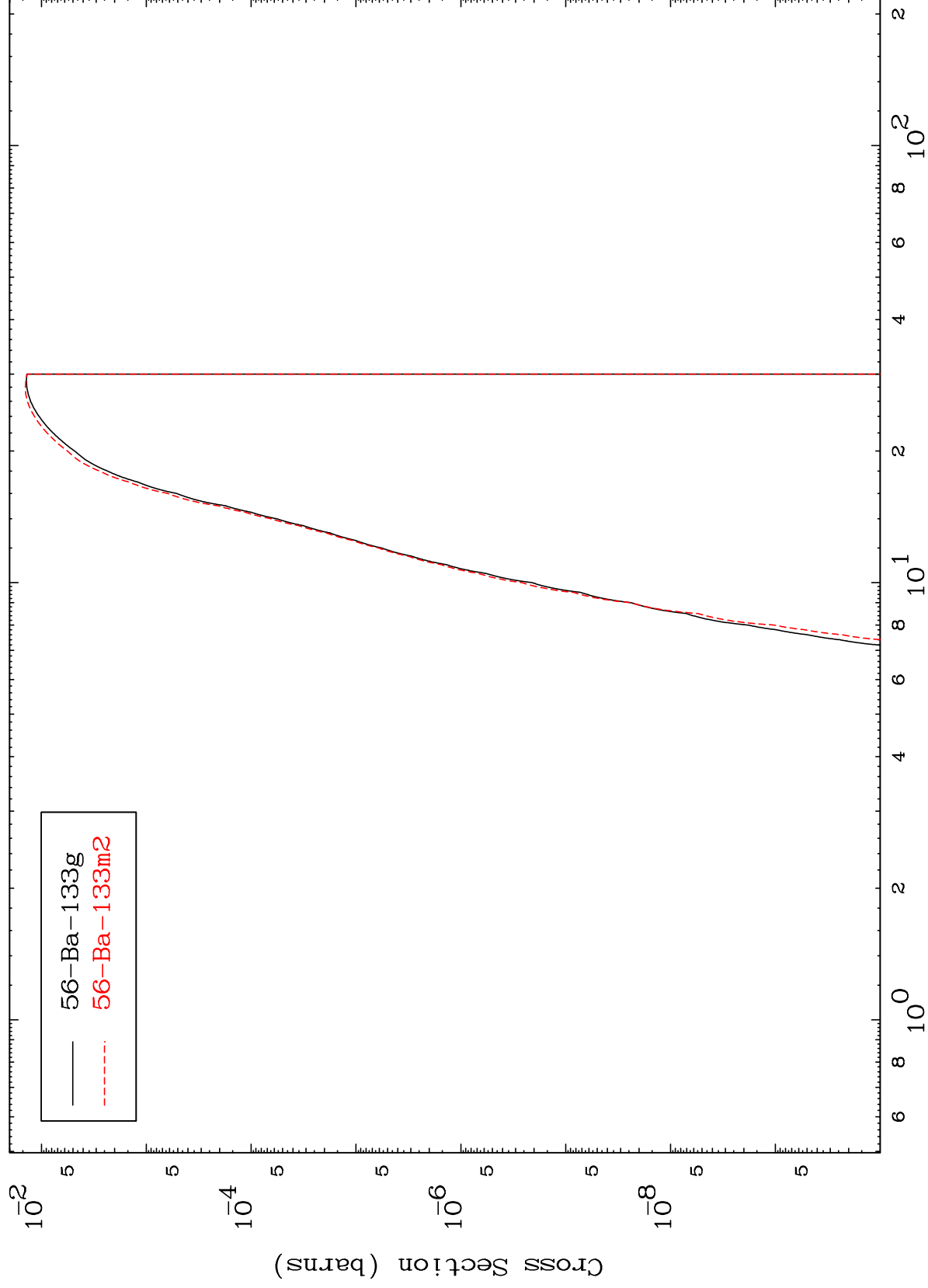
Incident Energy (MeV)

19

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58-Ce-137m

Radionuclide Production Cross Section
(n,n') α

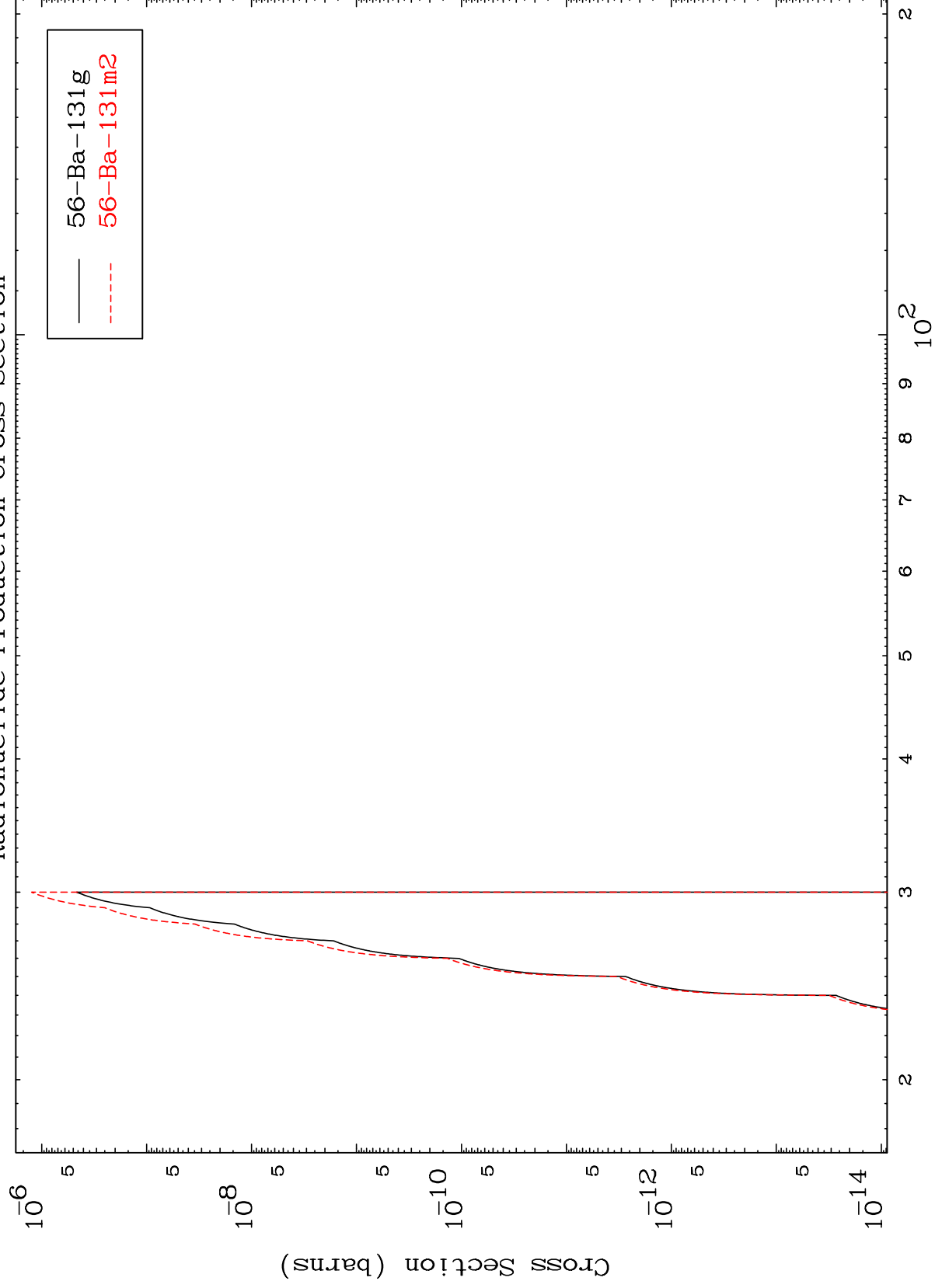


20

Incident Energy (MeV)

58-Ce-137m

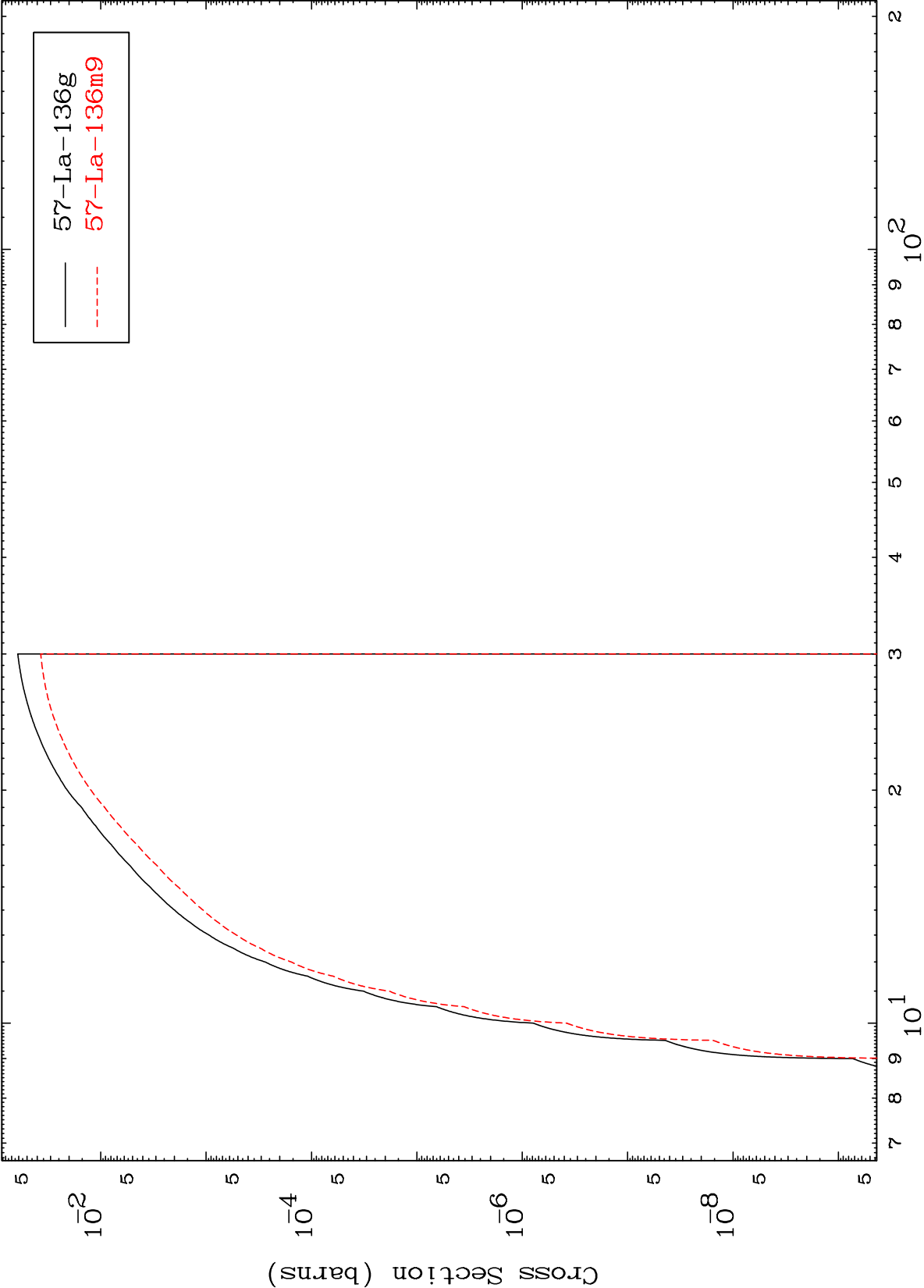
(n,3n) α
Radionuclide Production Cross Section



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58-Ce-137m

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

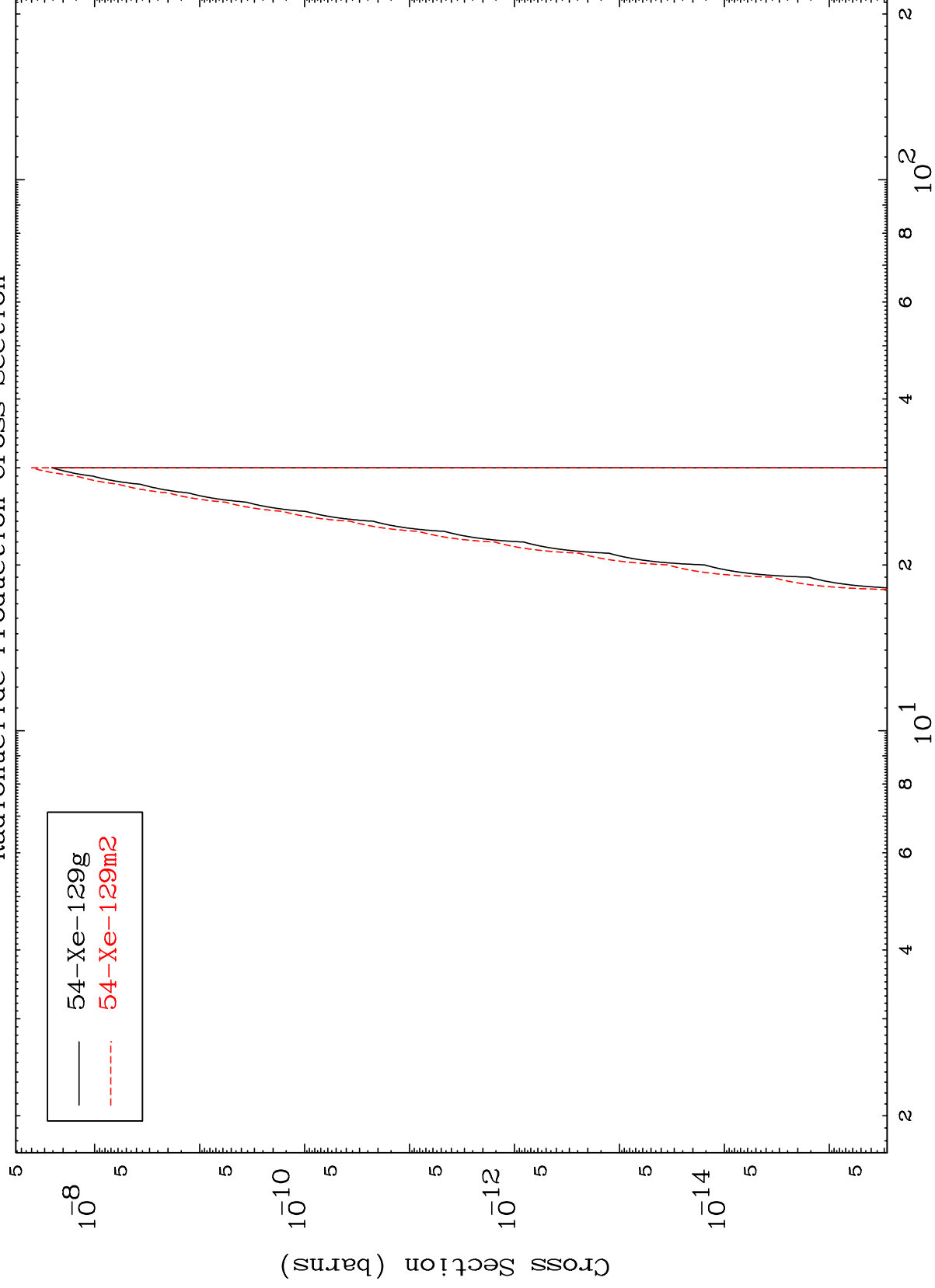
58-Ce-137m

22

MAT 5829

58-Ce-137m

(n,n') 2 α
Radionuclide Production Cross Section



23

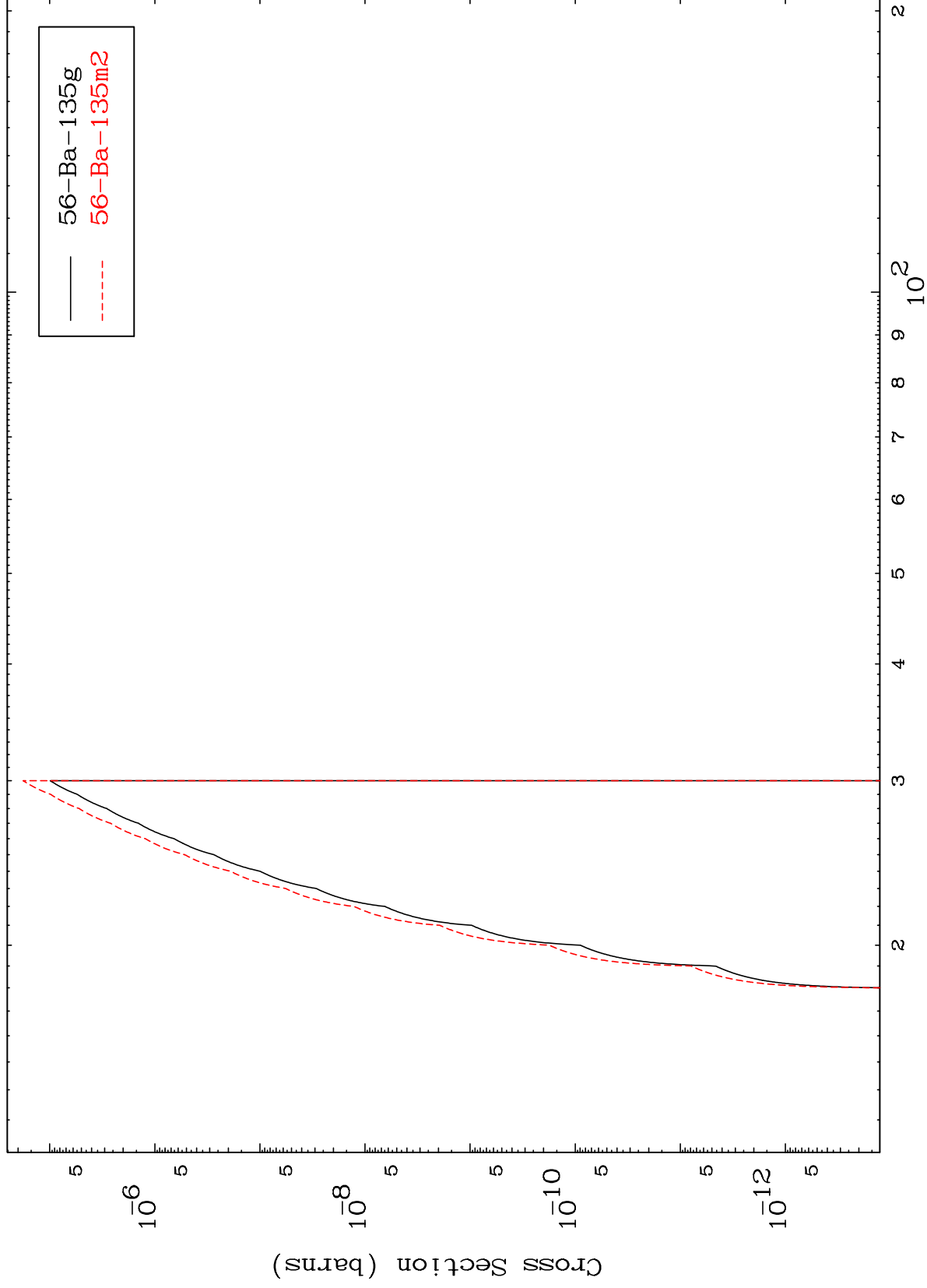
Incident Energy (MeV)

58-Ce-137m

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58-Ce-137m

(n,2n) p
Radionuclide Production Cross Section



24

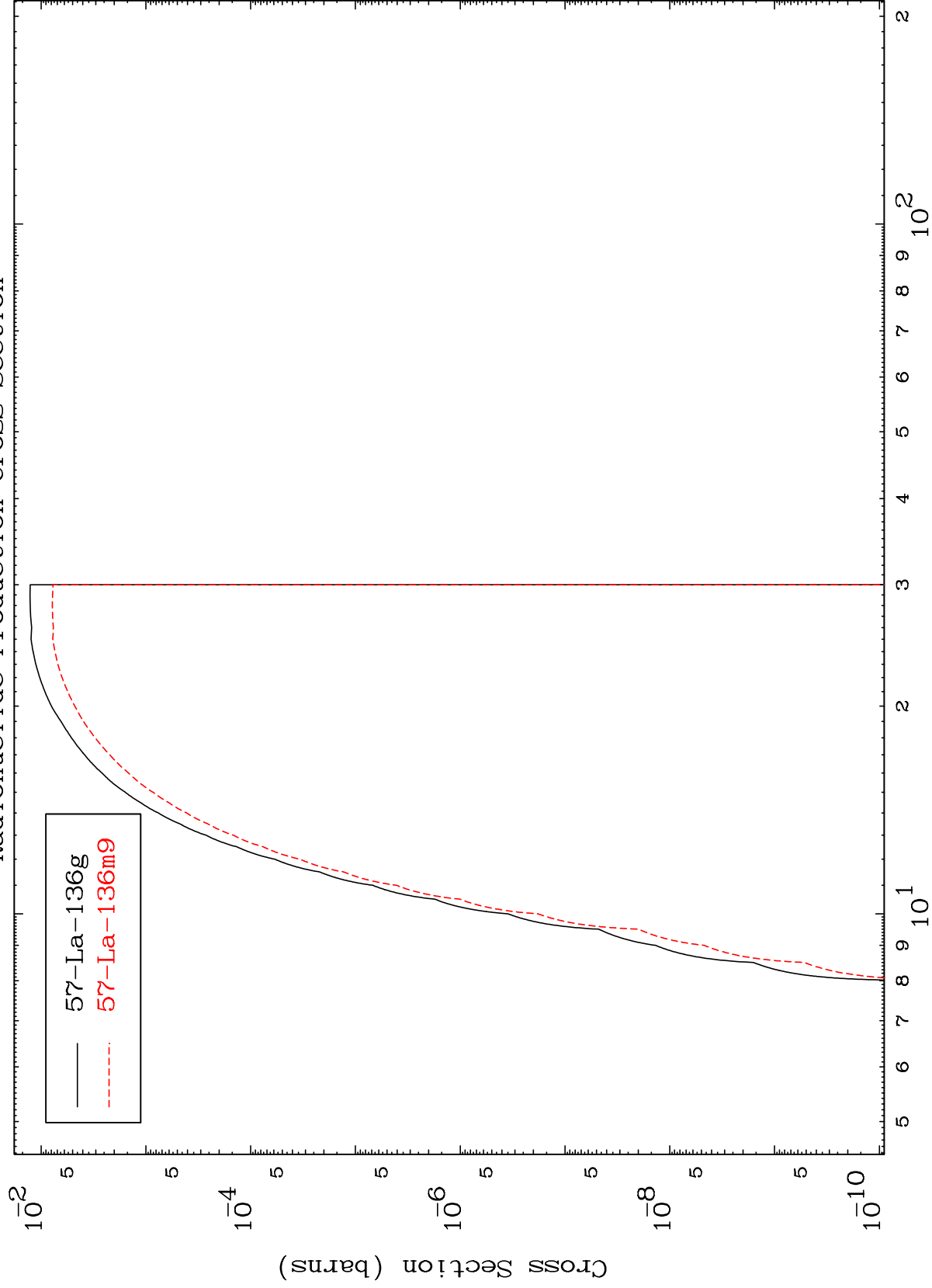
Incident Energy (MeV)

58-Ce-137m

MAT 5829

58-Ce-137m

(n,d)
Radionuclide Production Cross Section

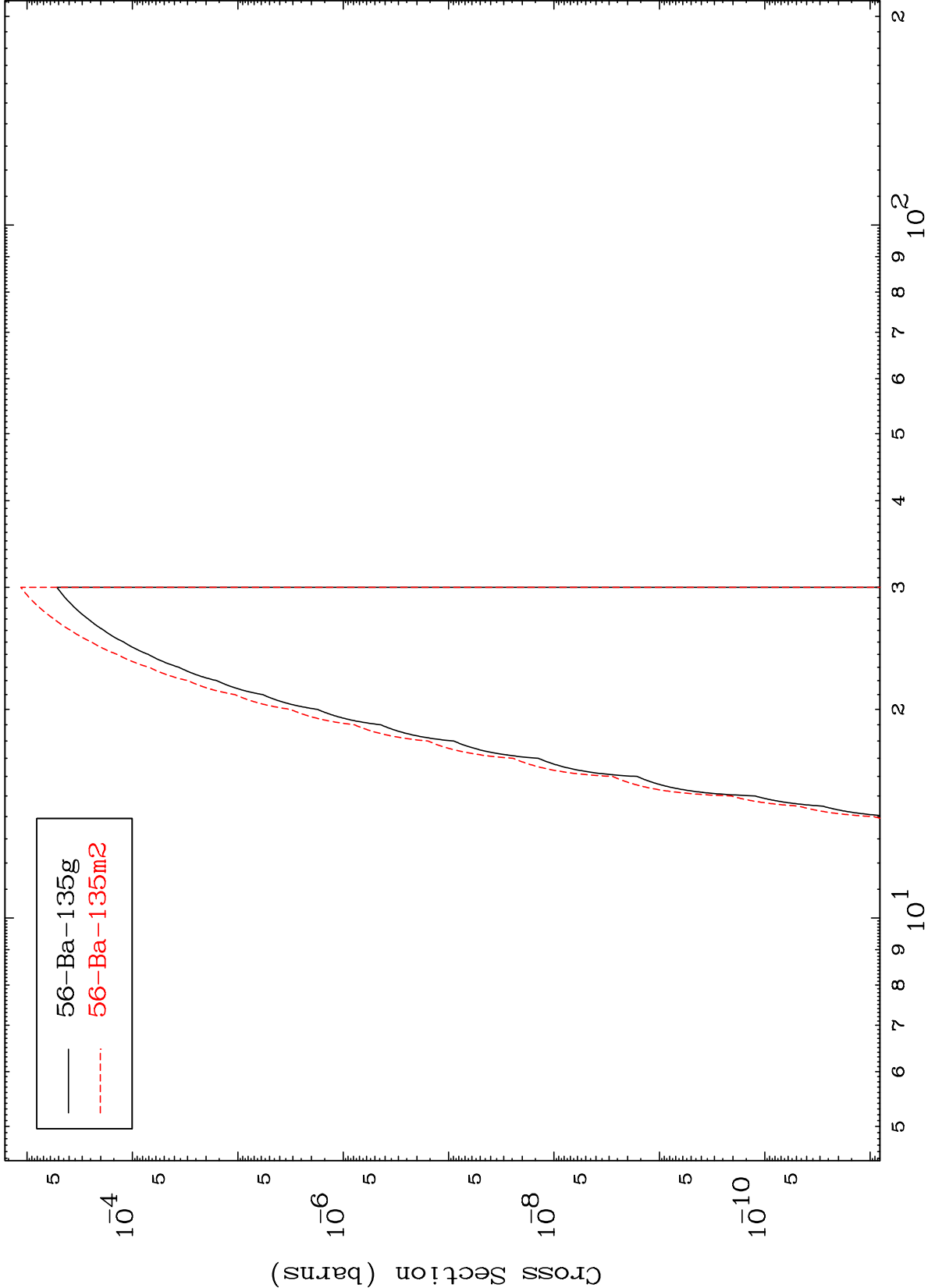


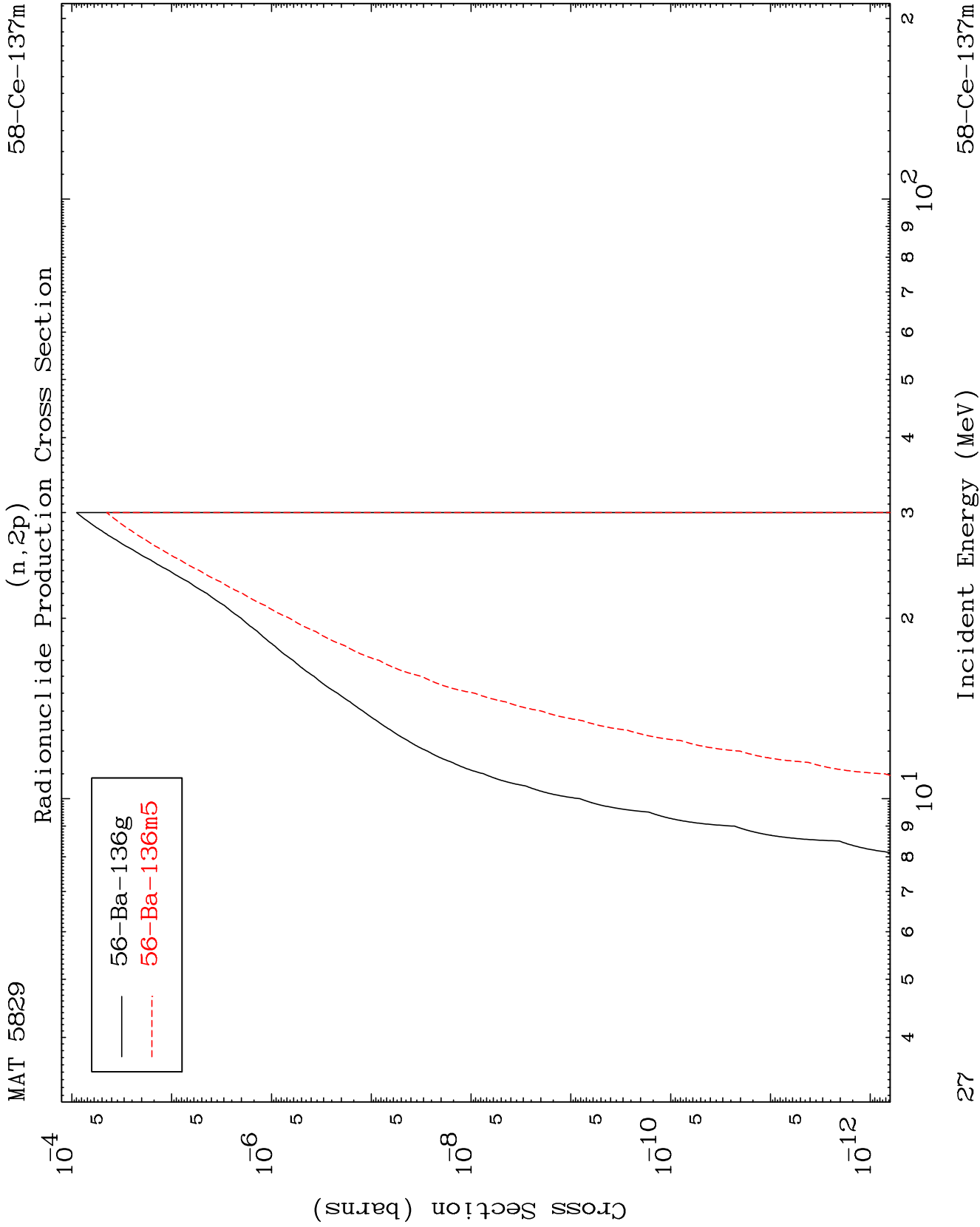
25

Incident Energy (MeV)

58-Ce-137m

Radionuclide Production Cross Section



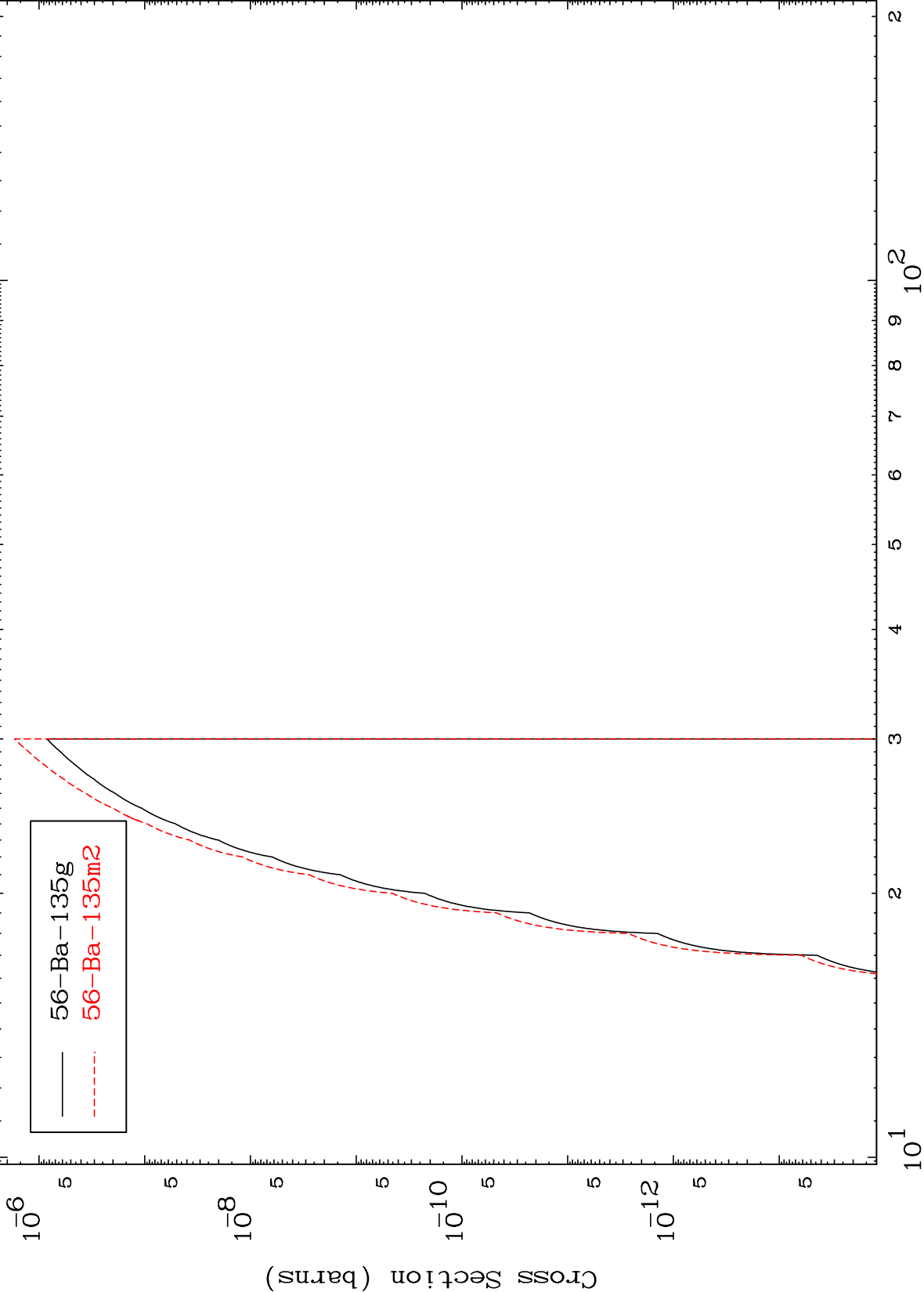


MAT 5829

(n,p) d

58-Ce-137m

Radionuclide Production Cross Section



Incident Energy (MeV)

58-Ce-137m