

Program EVALPLOT
(Version 2021-1)

by

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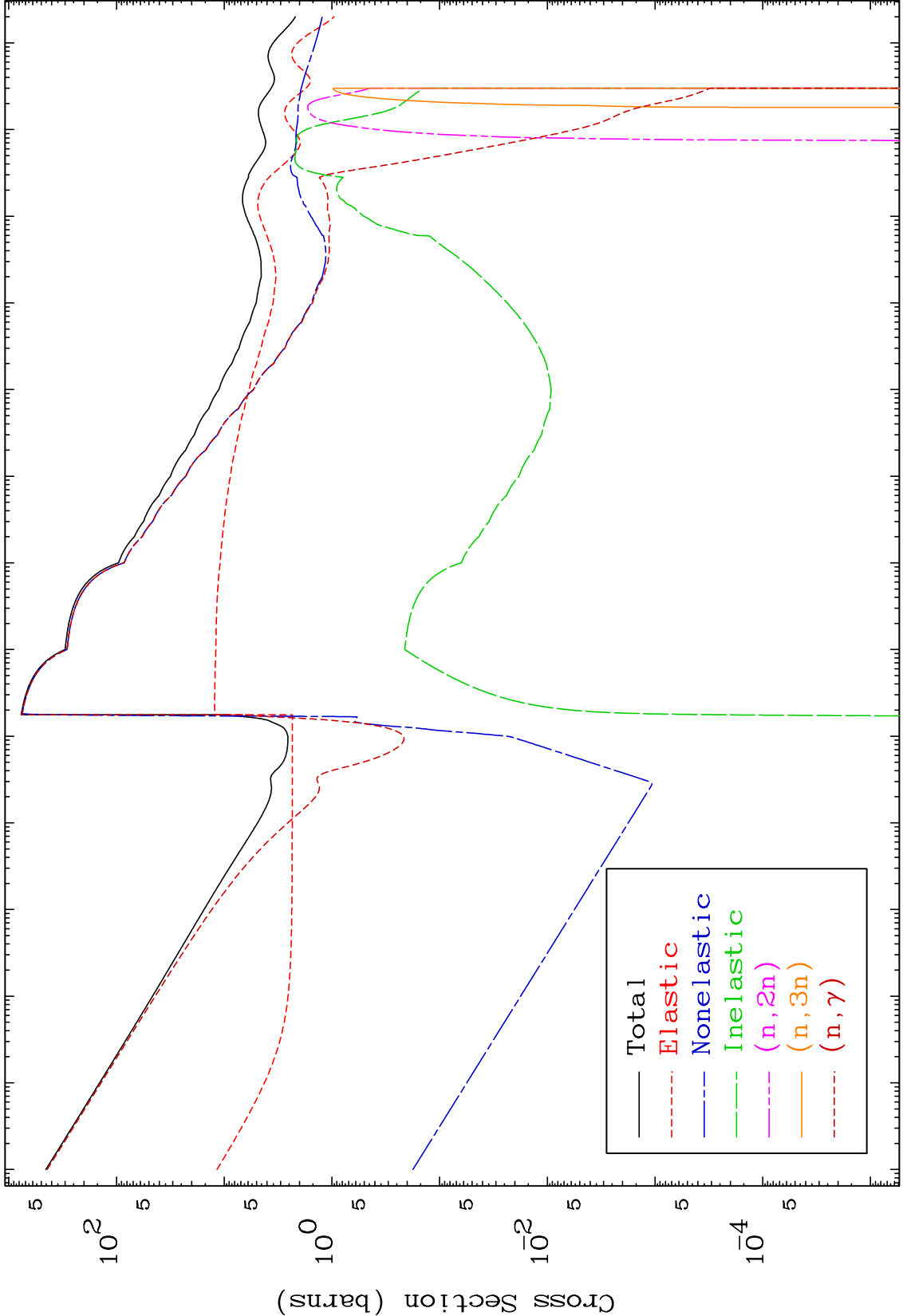
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5823

Neutron Major
293 Kelvin Cross Sections

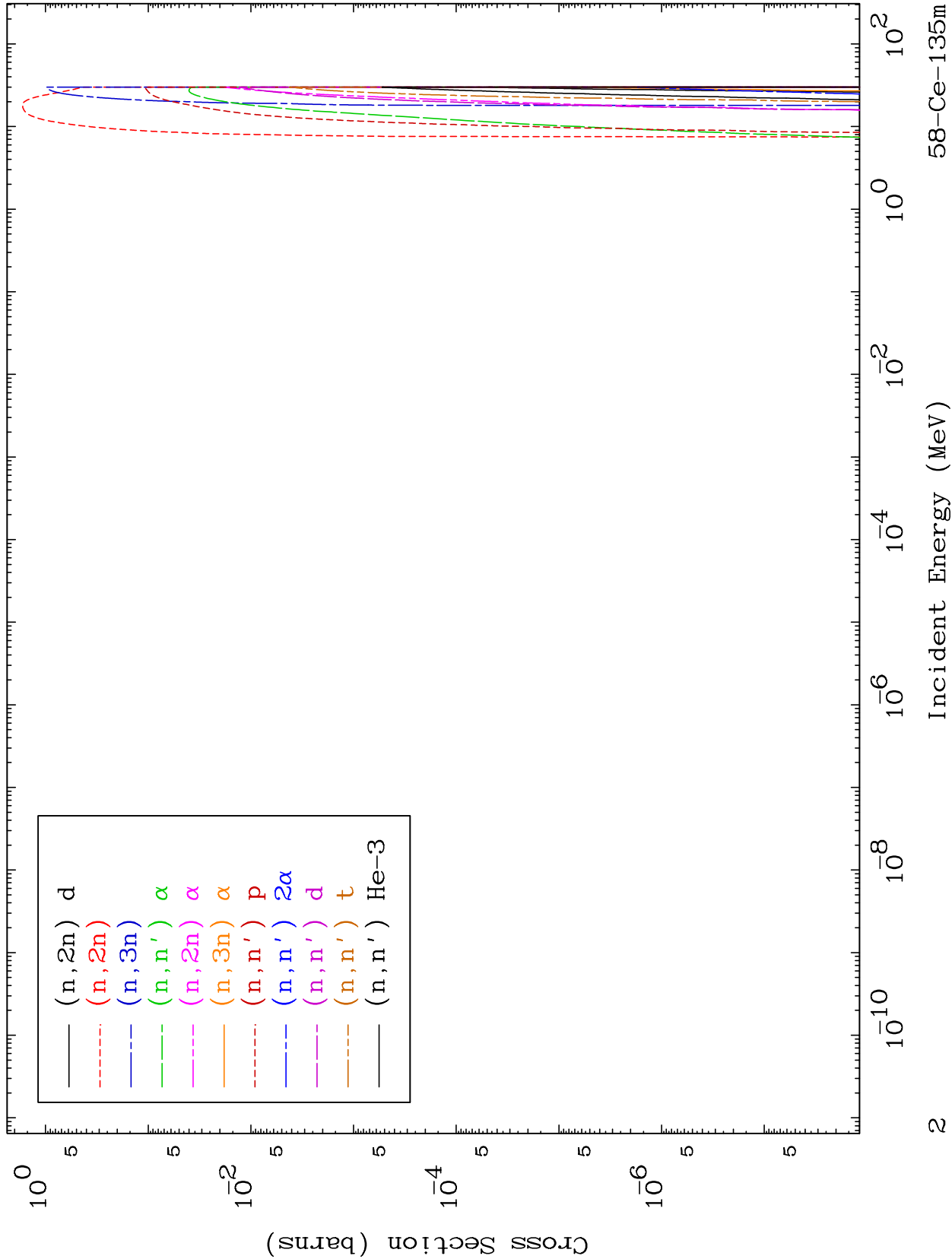
58-Ce-135m

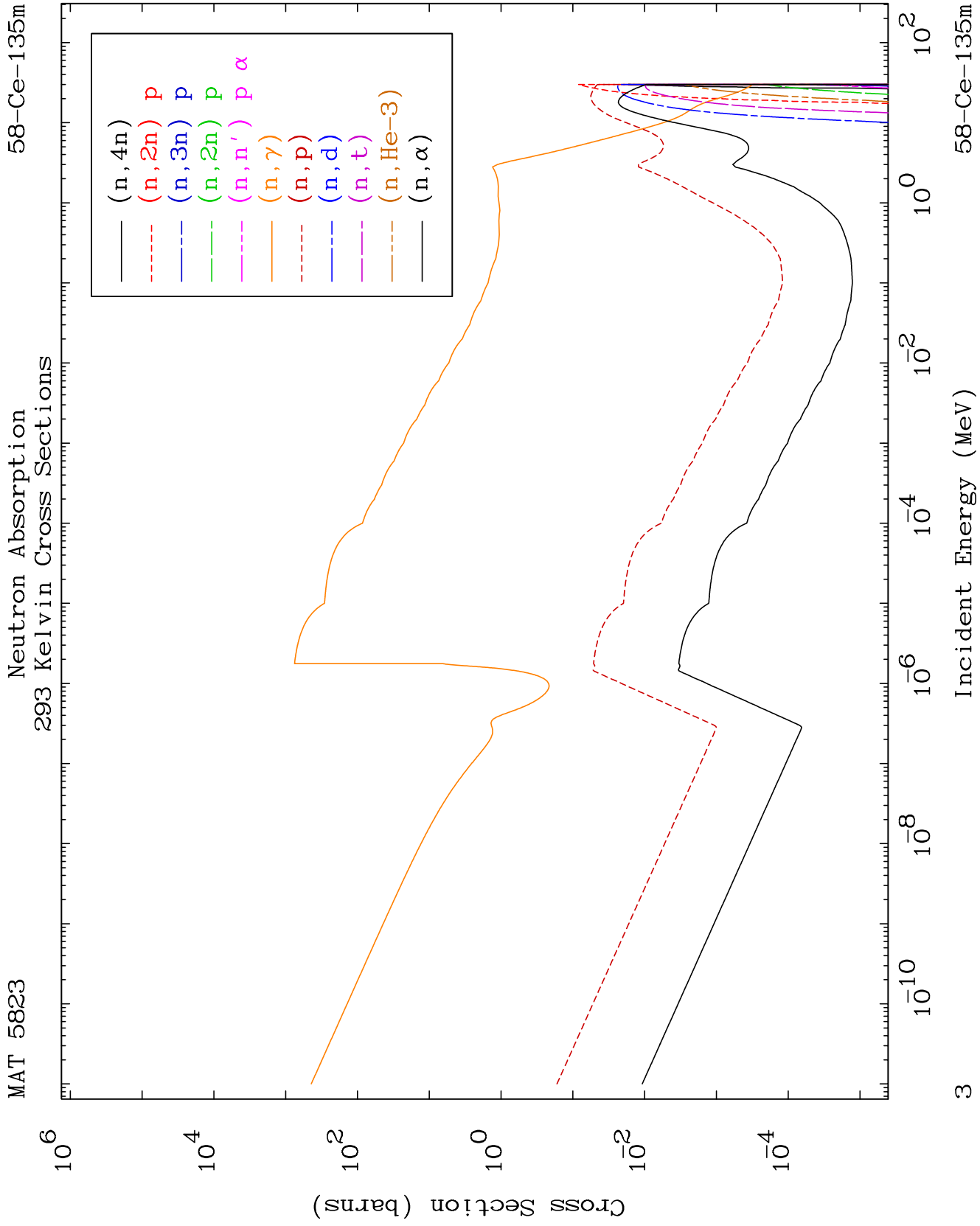


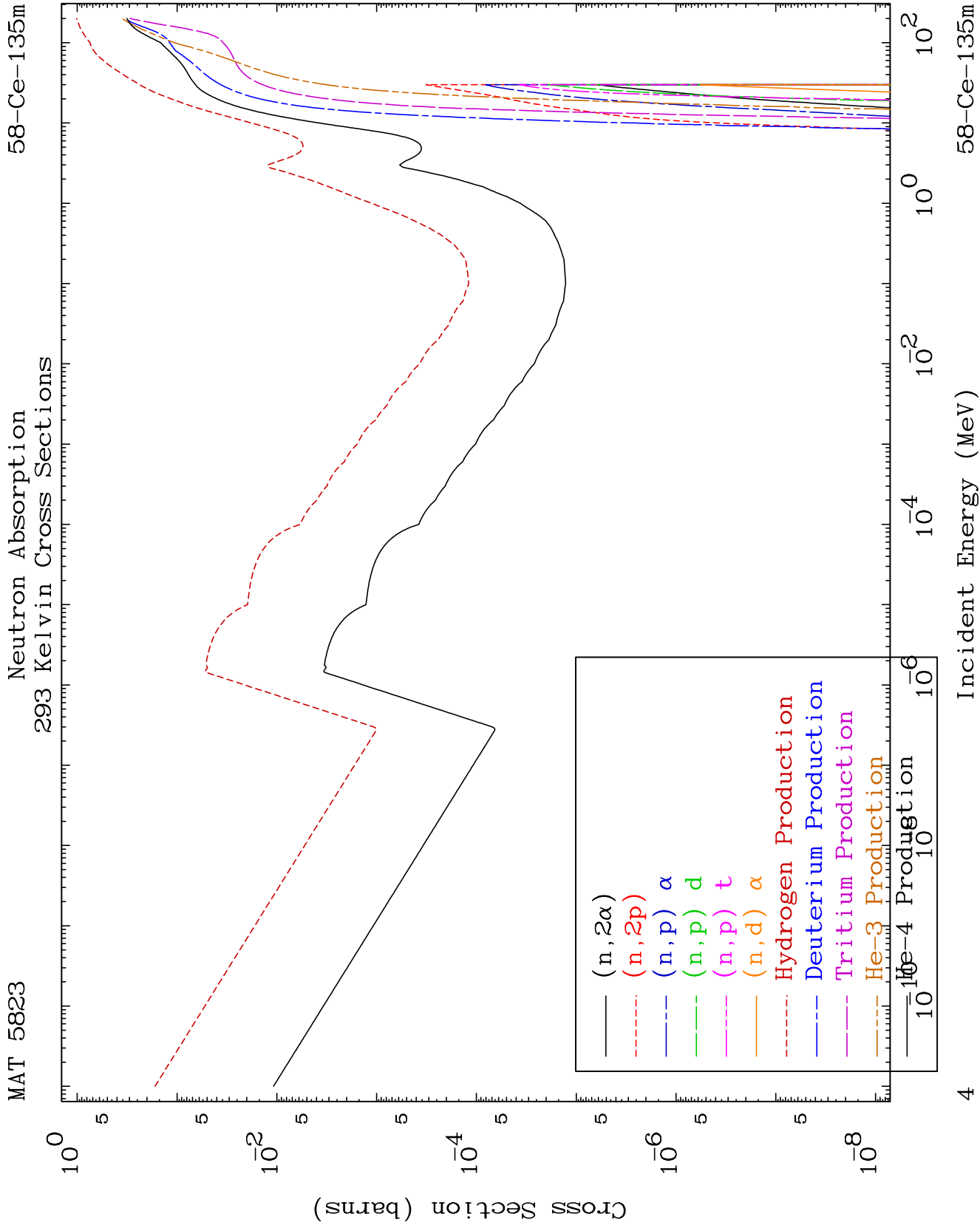
MAT 5823

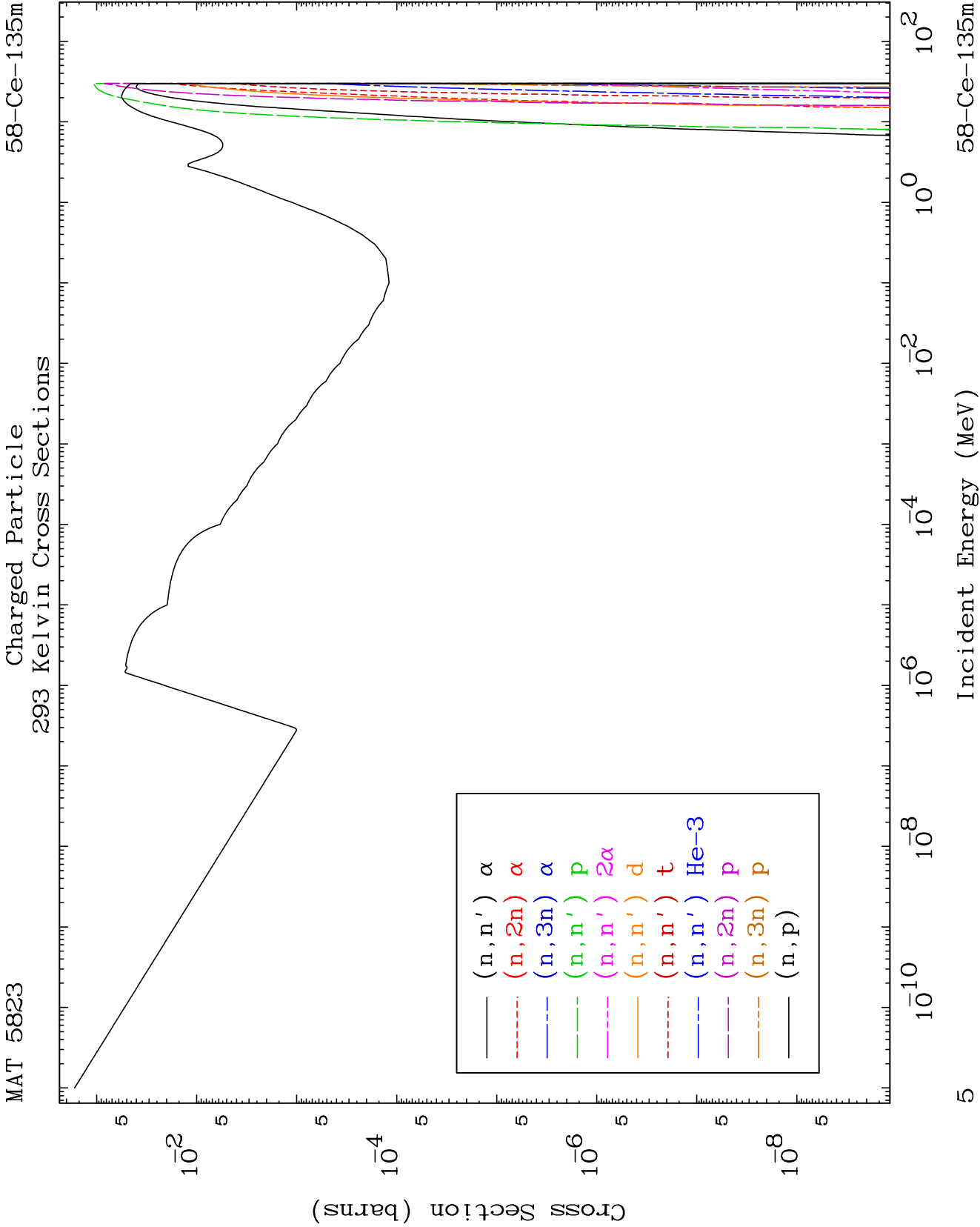
Neutron Absorption
293 Kelvin Cross Sections

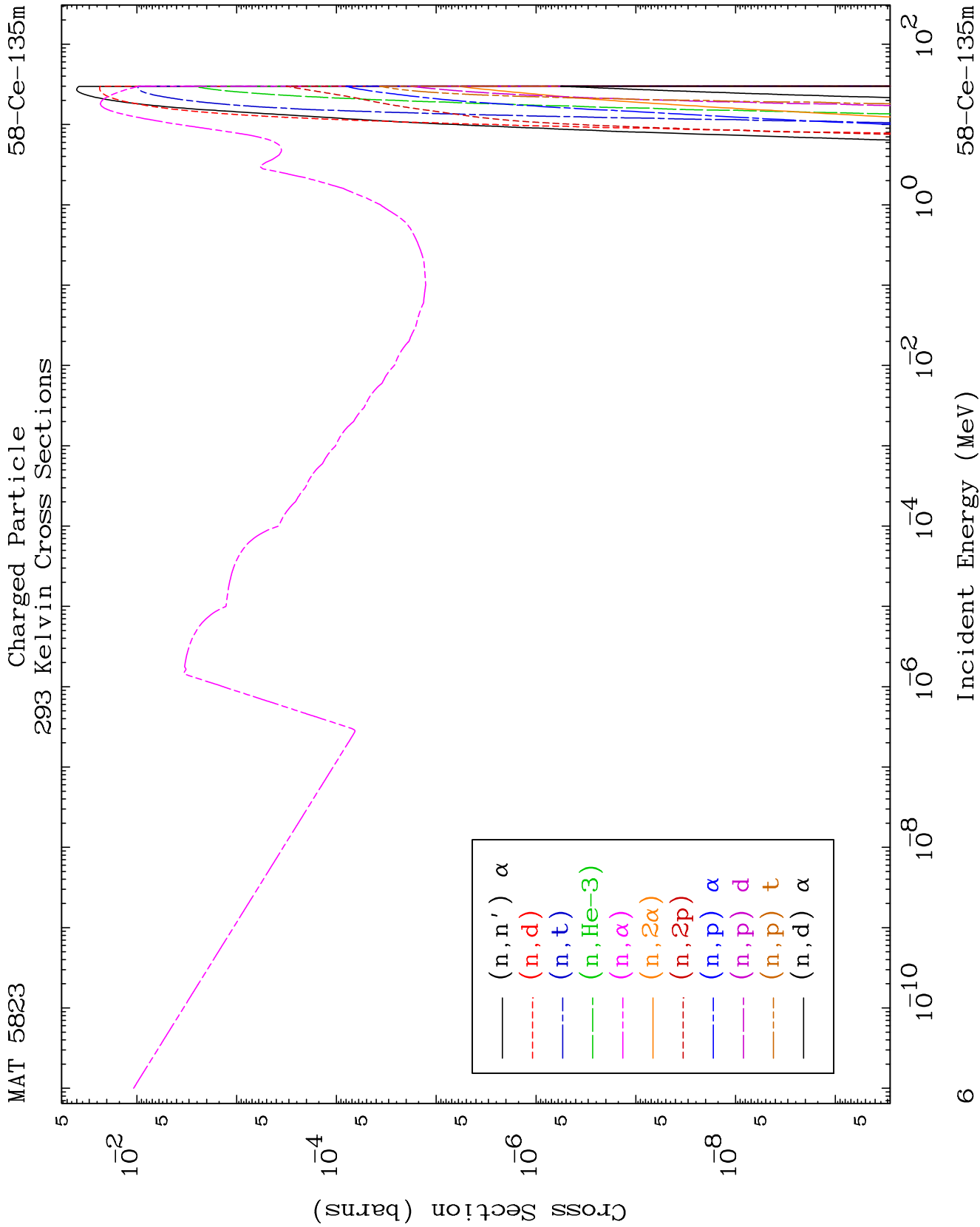
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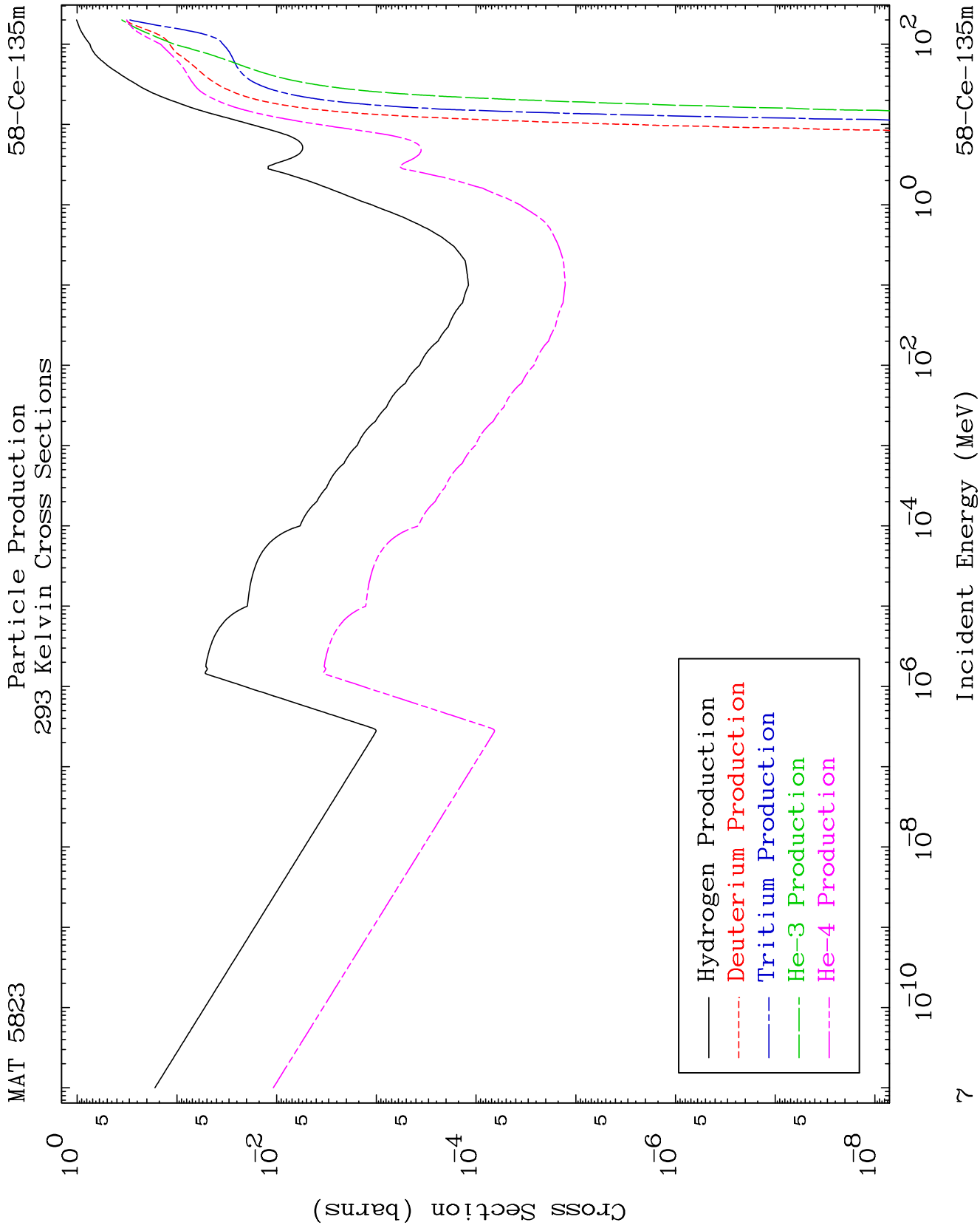








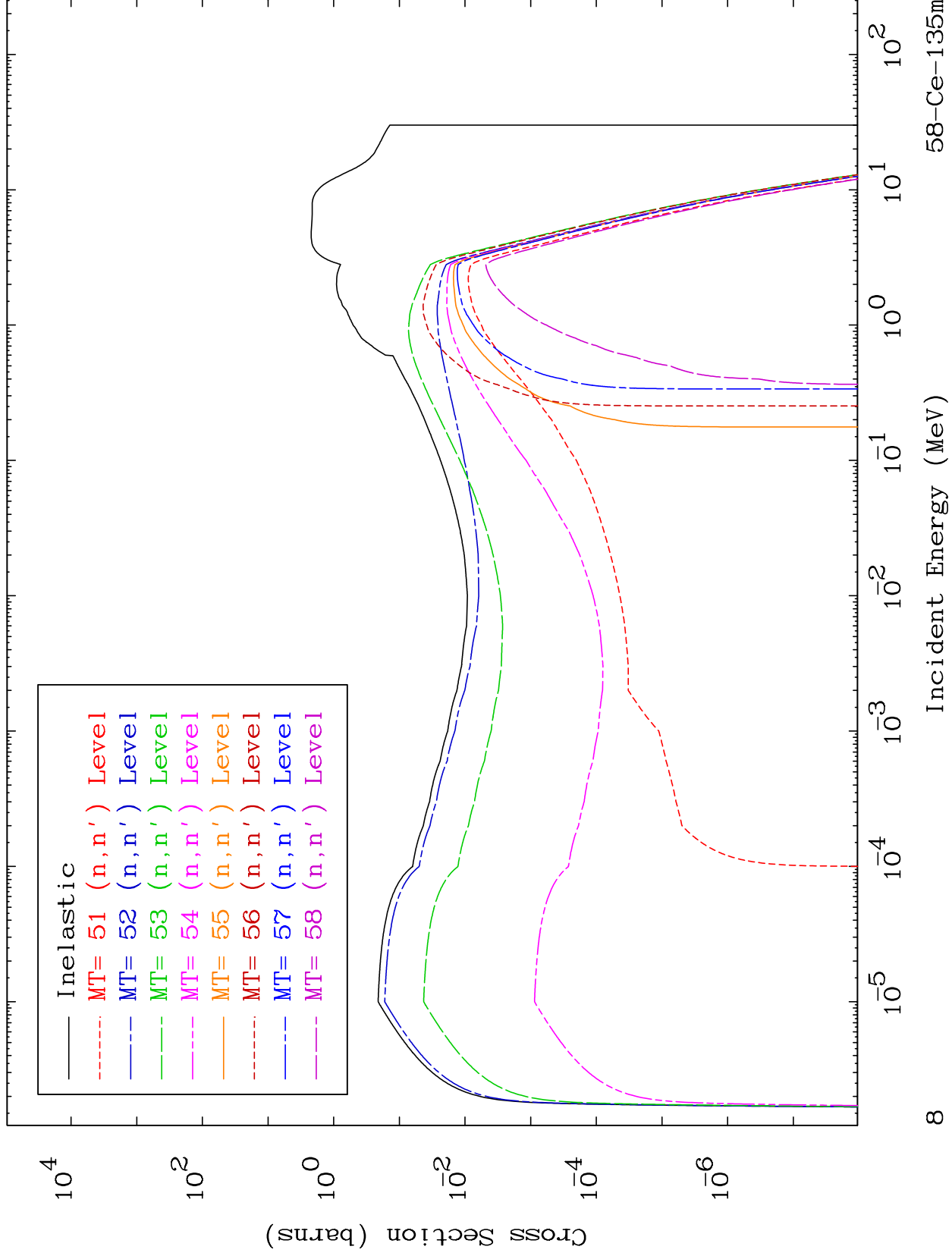


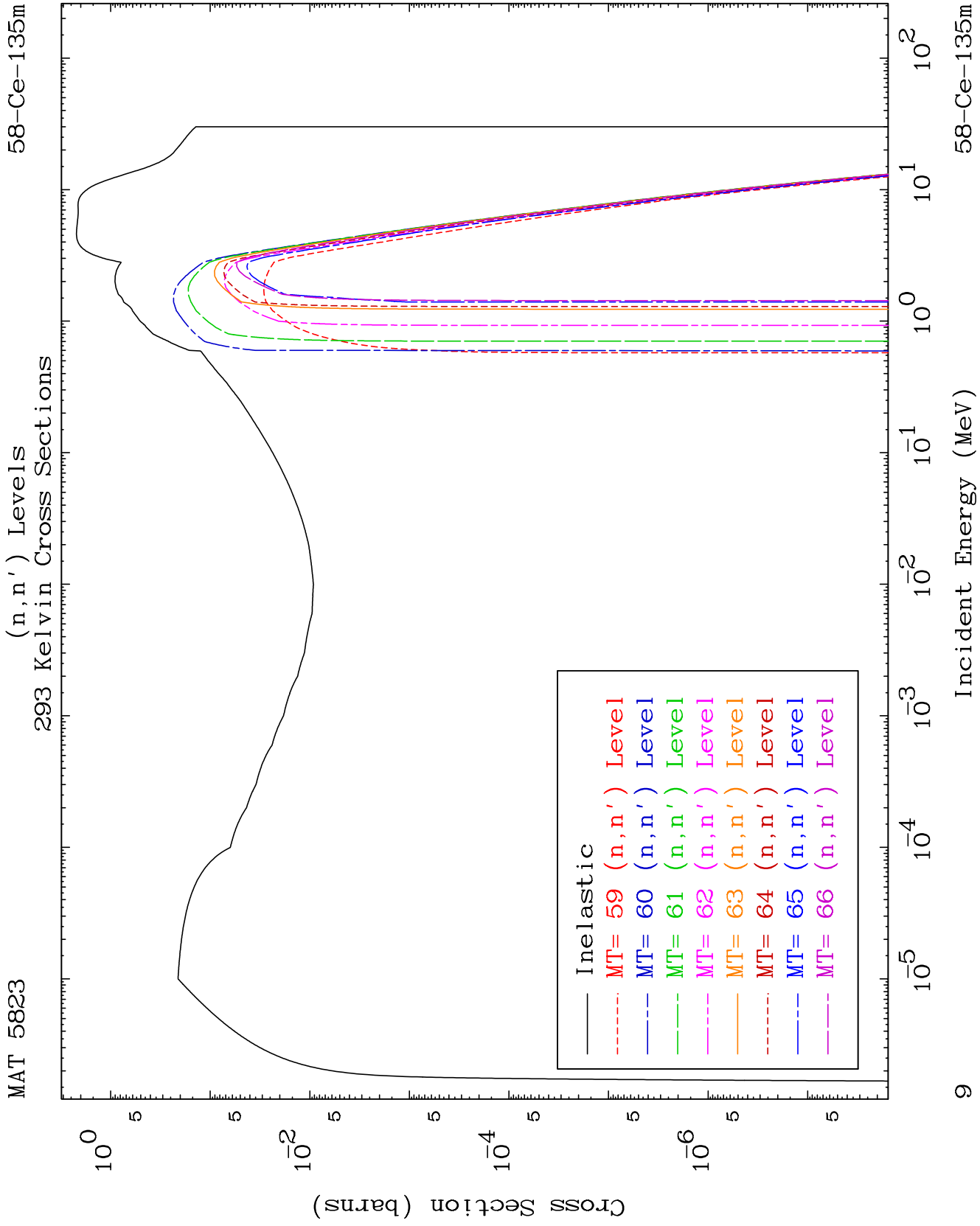


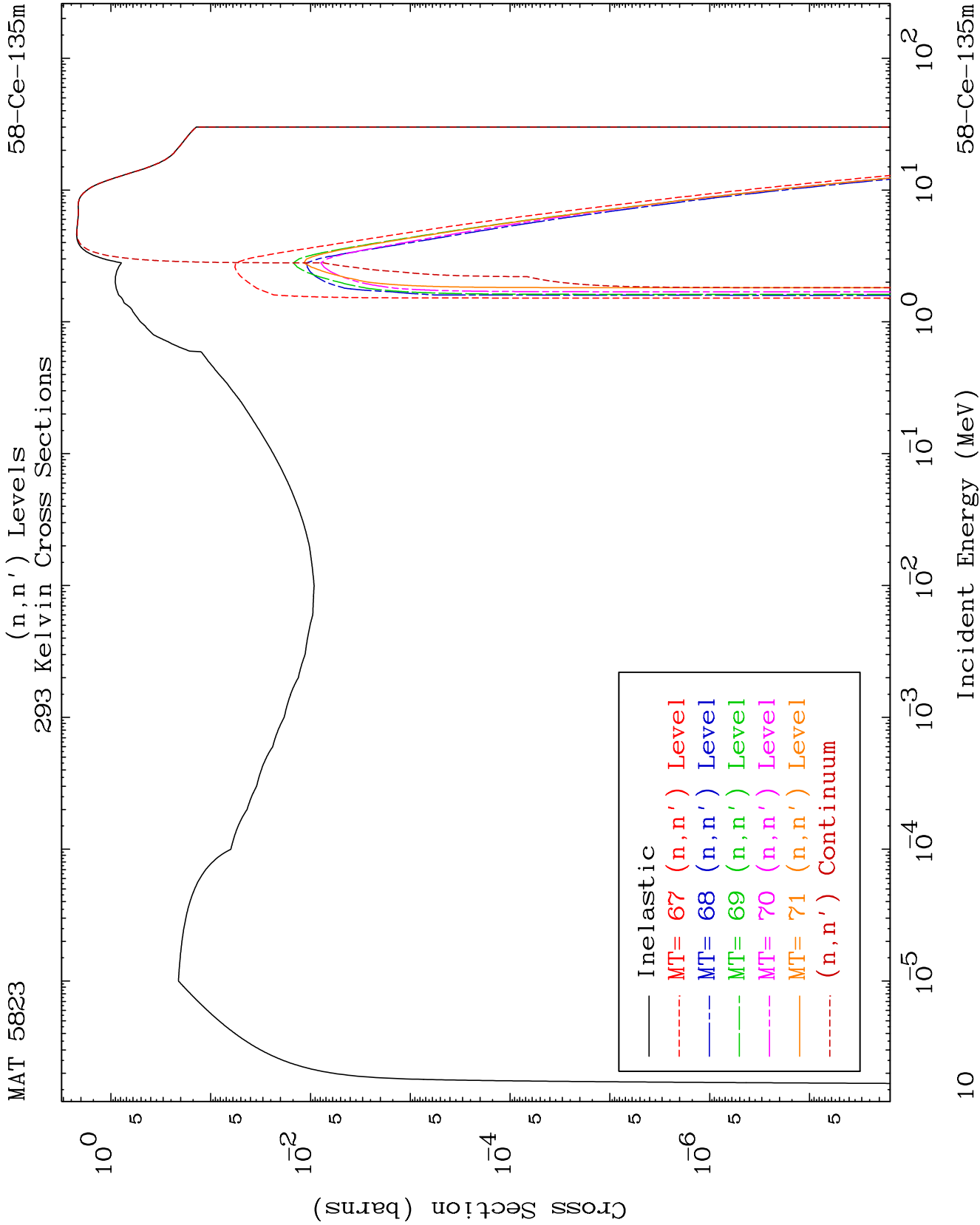
MAT 5823

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-135m



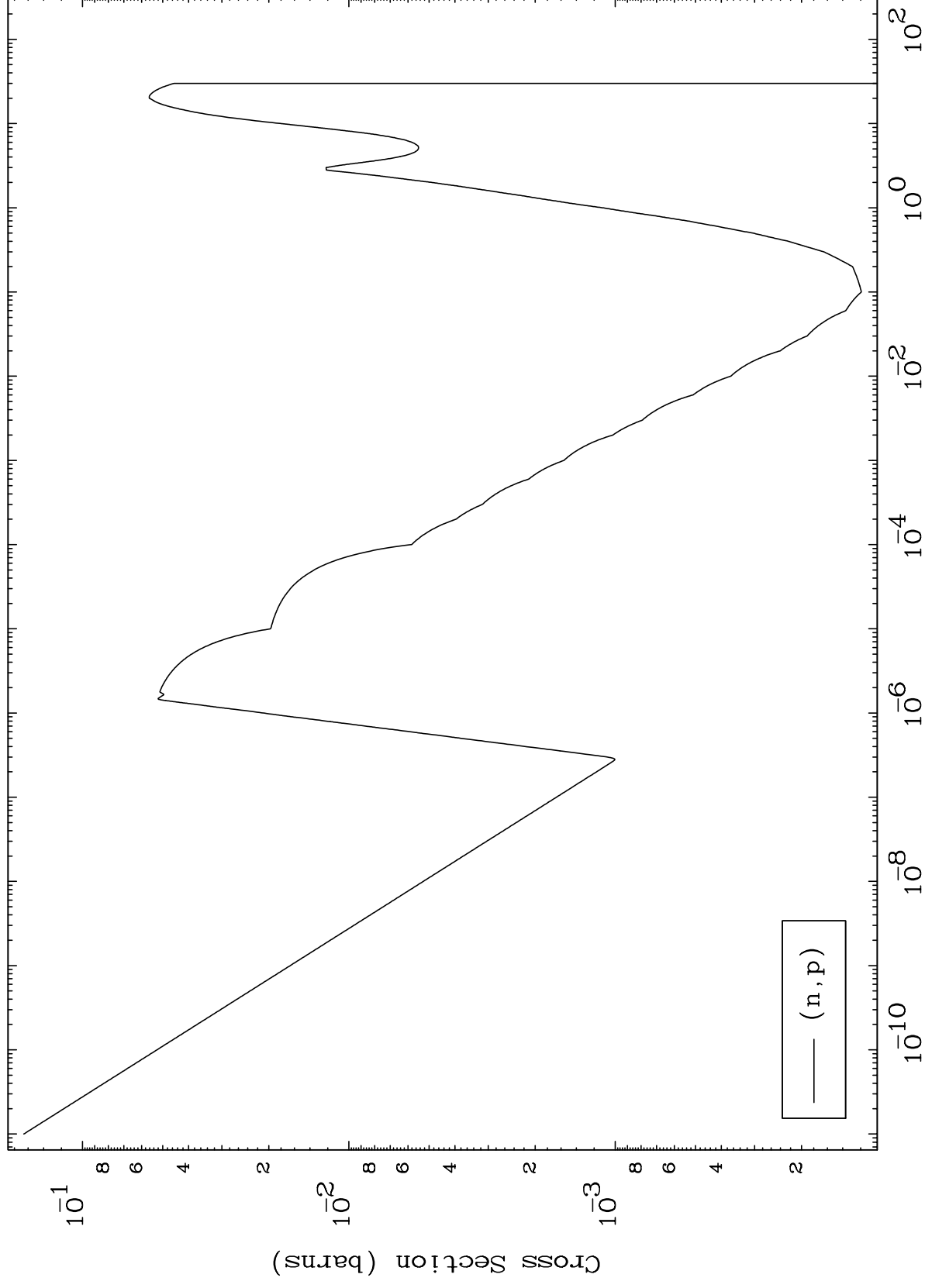




MAT 5823

(n,p) Levels
293 Kelvin Cross Sections

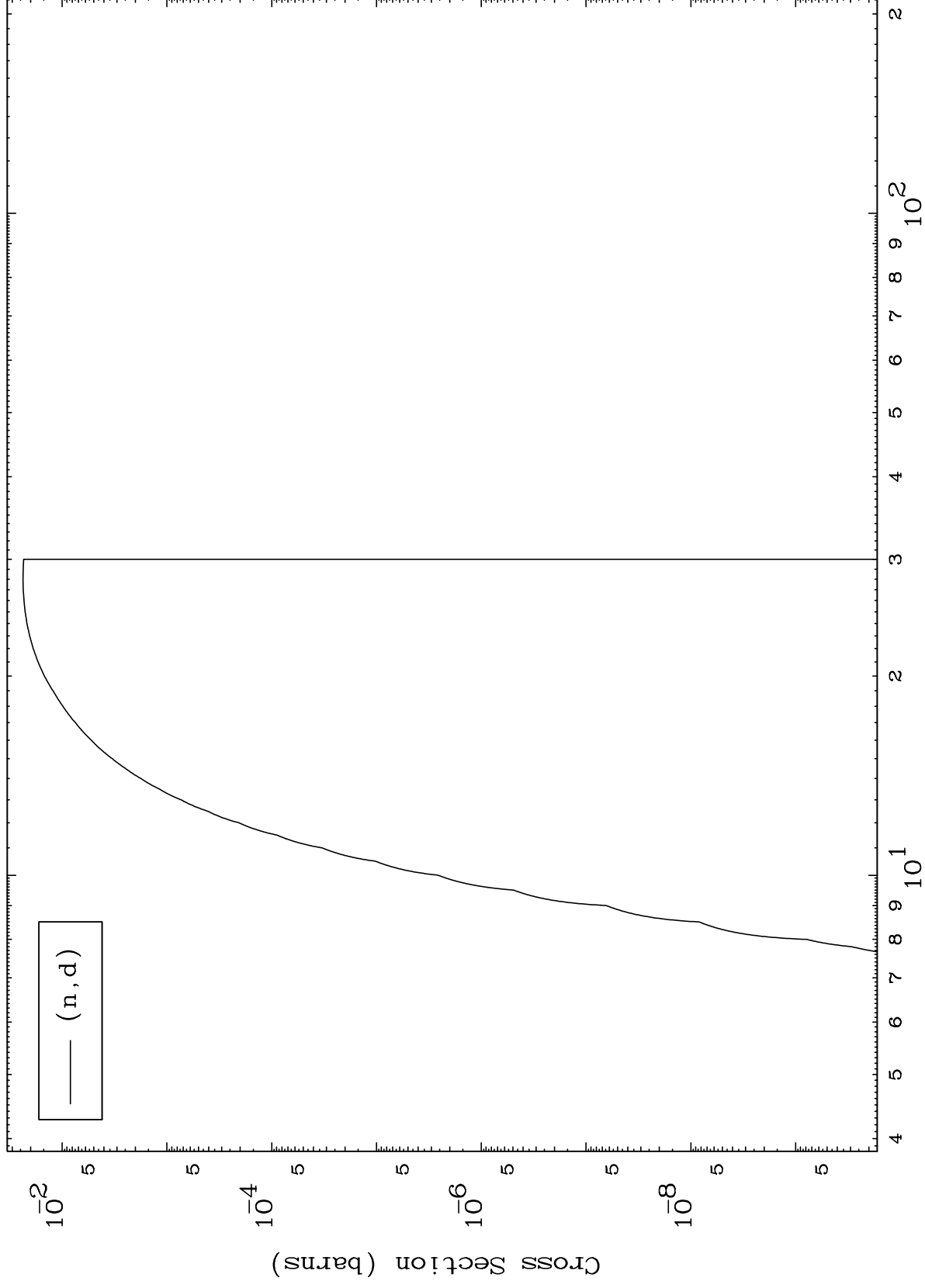
58-Ce-135m



MAT 5823

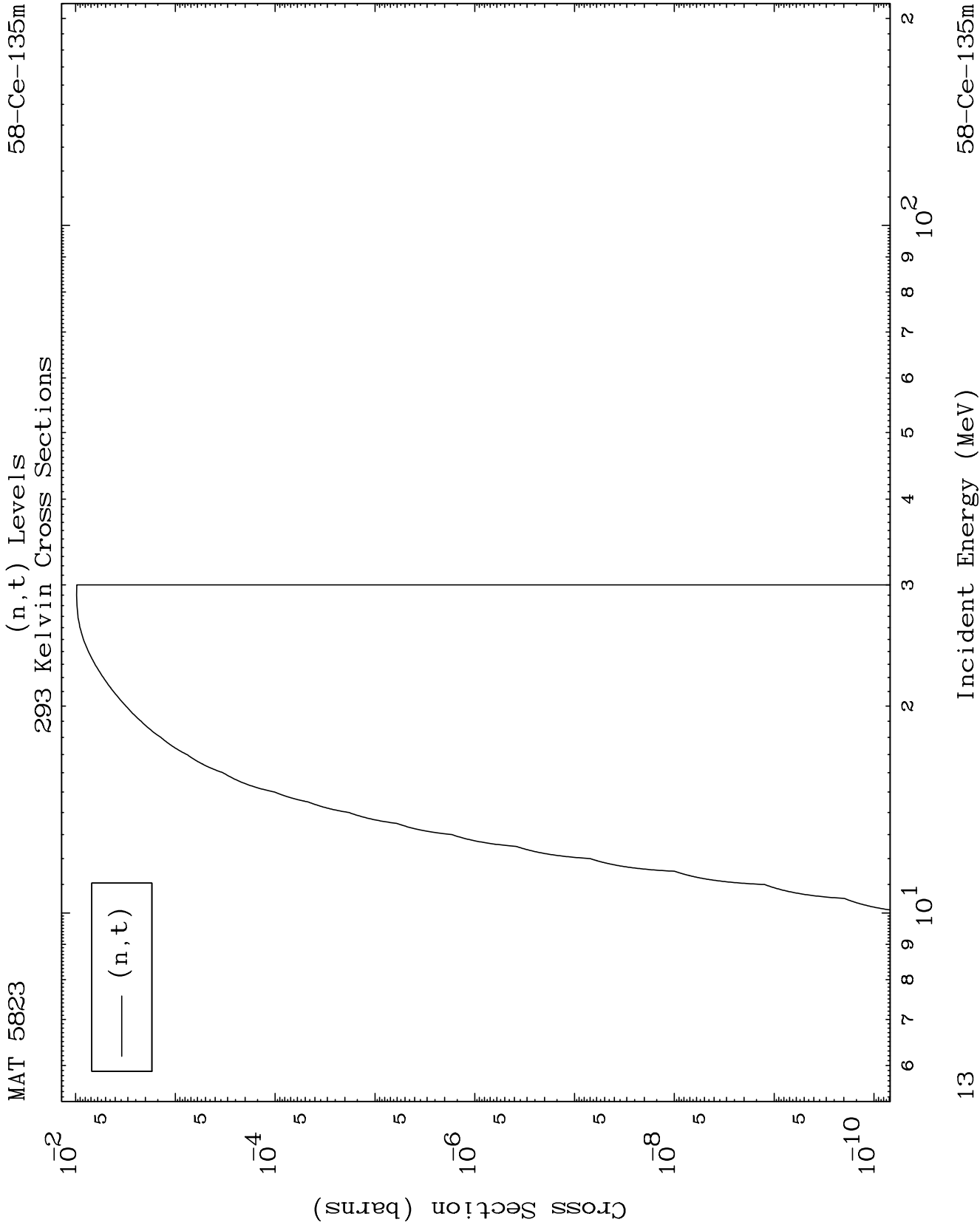
(n,d) Levels
293 Kelvin Cross Sections

58-Ce-135m



Incident Energy (MeV)

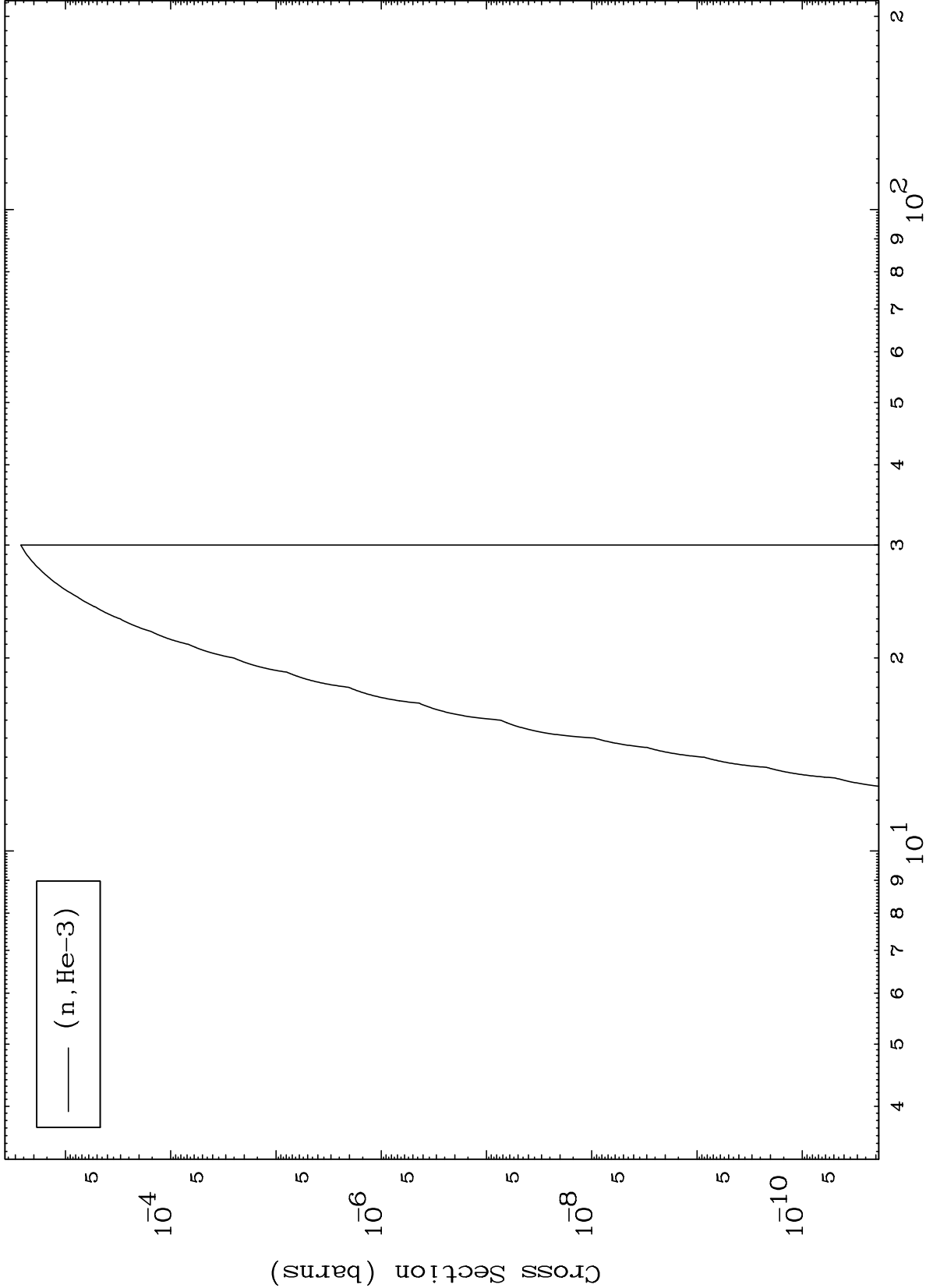
58-Ce-135m



MAT 5823

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-135m



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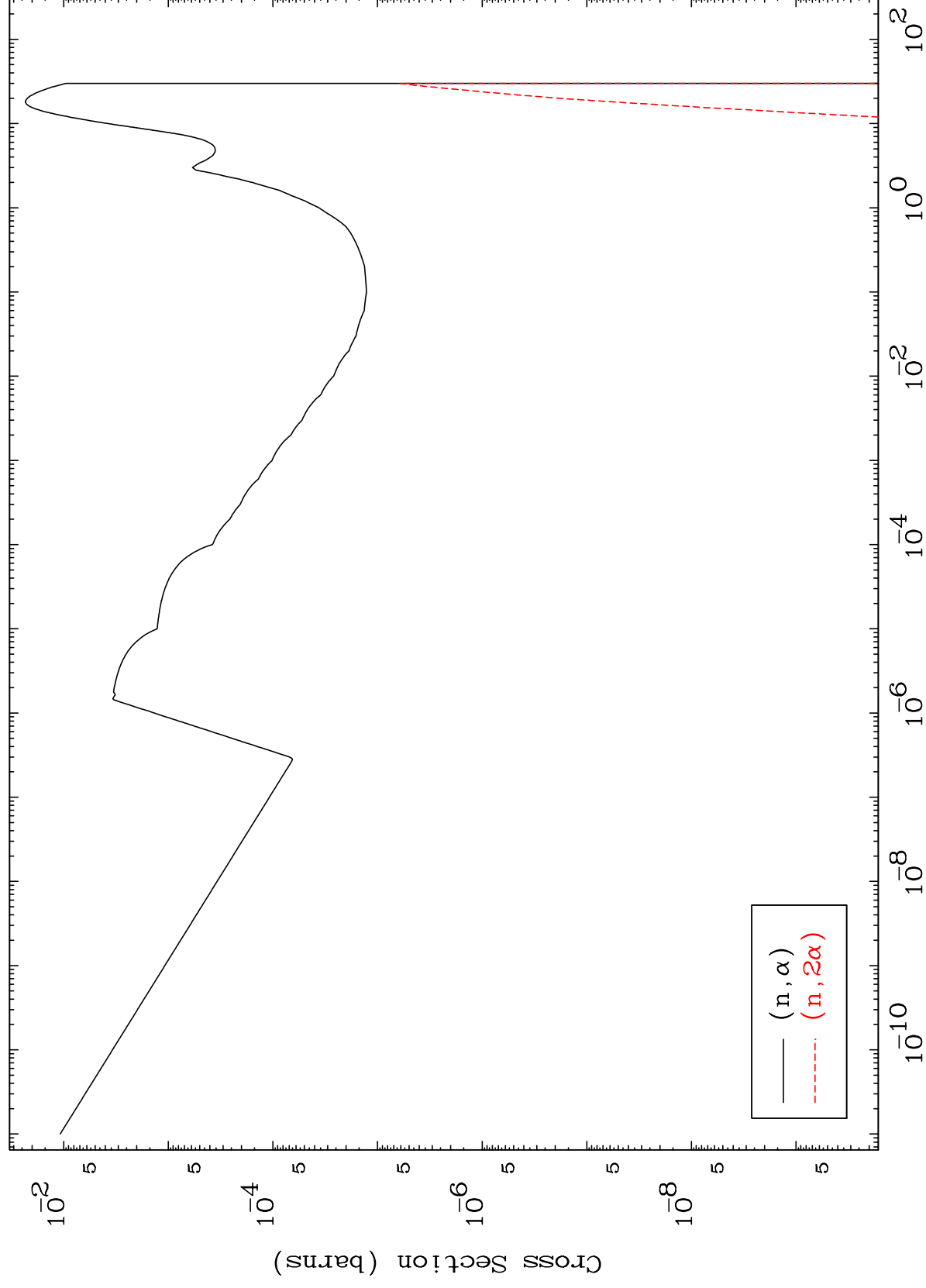
Incident Energy (MeV)

58-Ce-135m

MAT 5823

(n, α) Levels
293 Kelvin Cross Sections

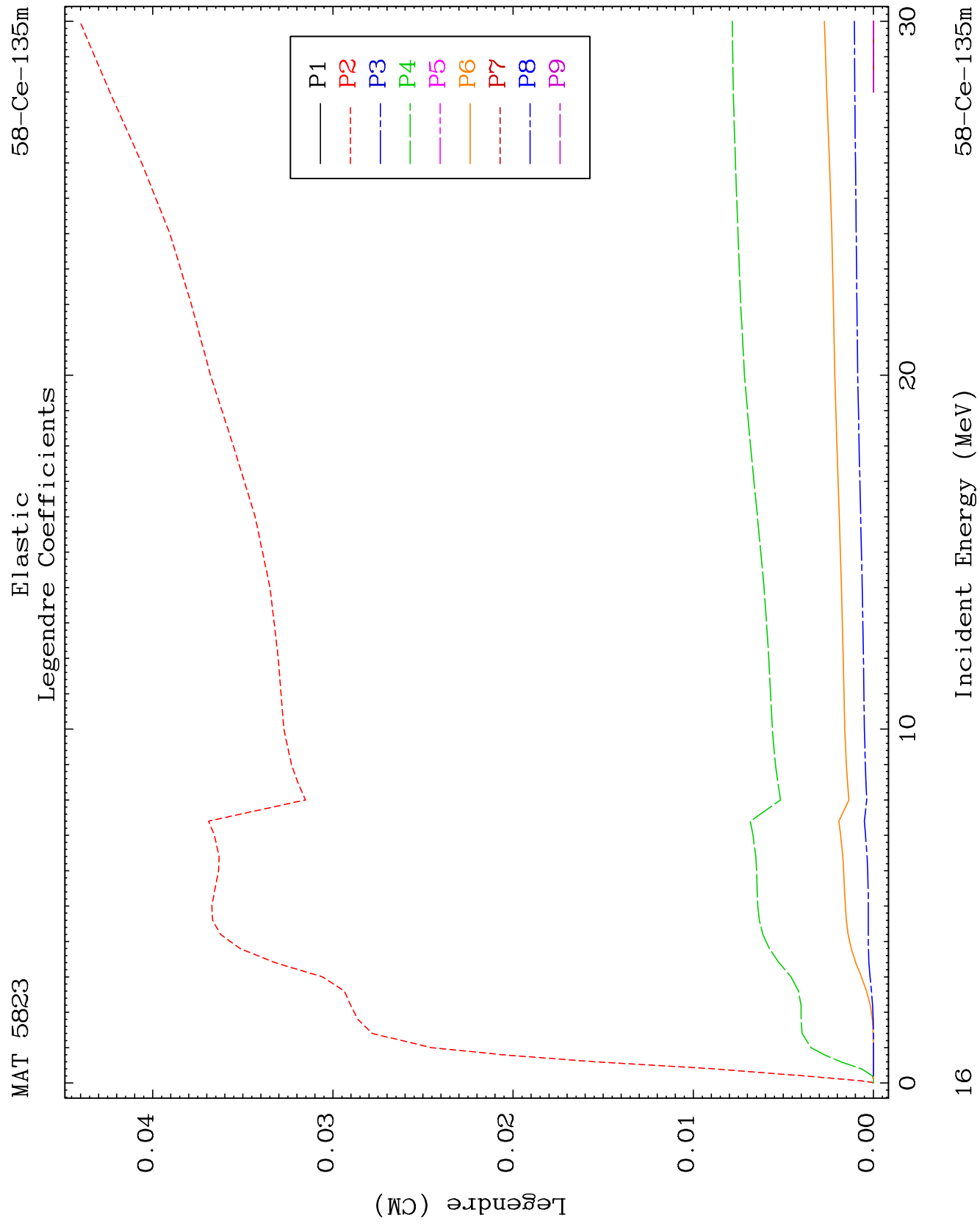
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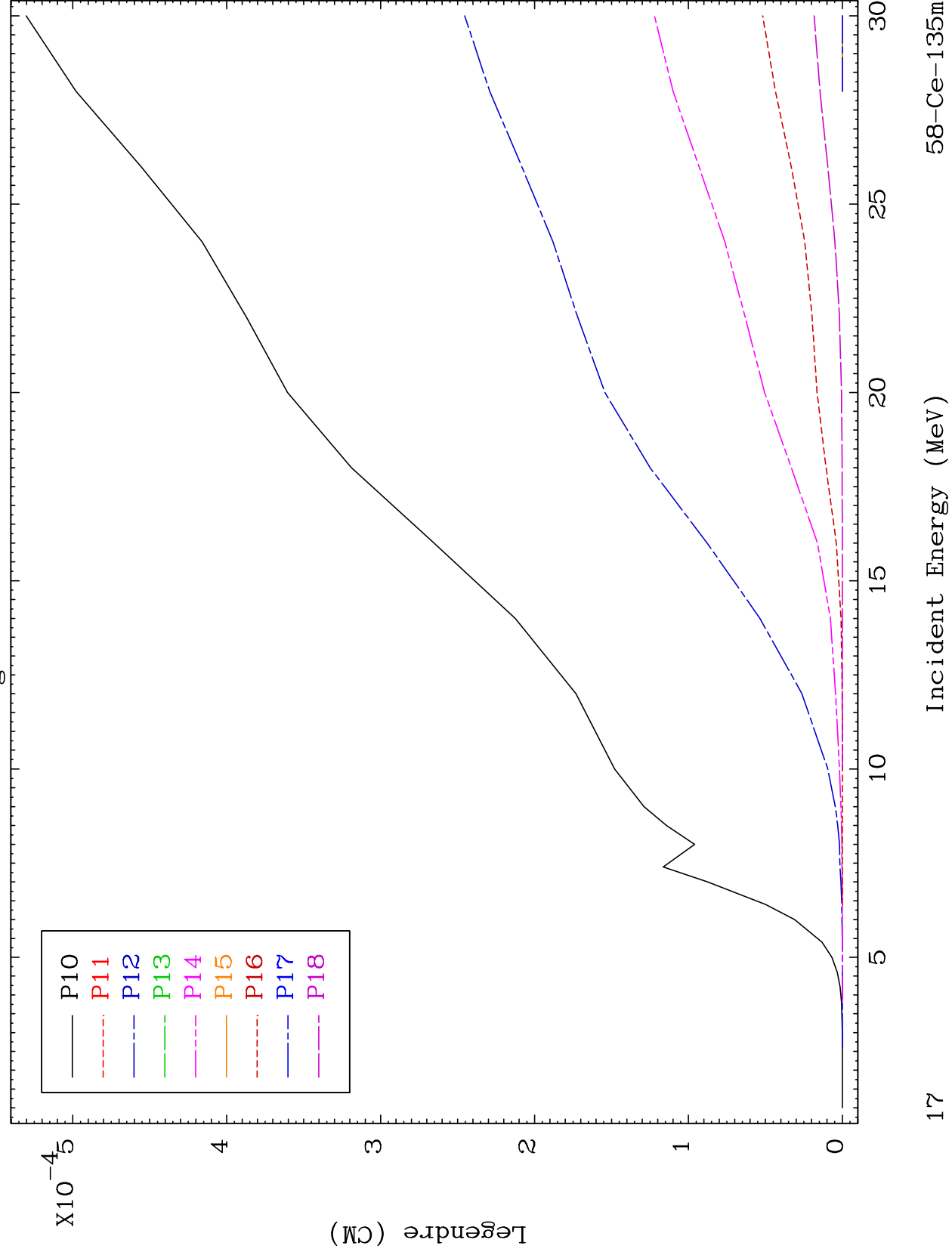


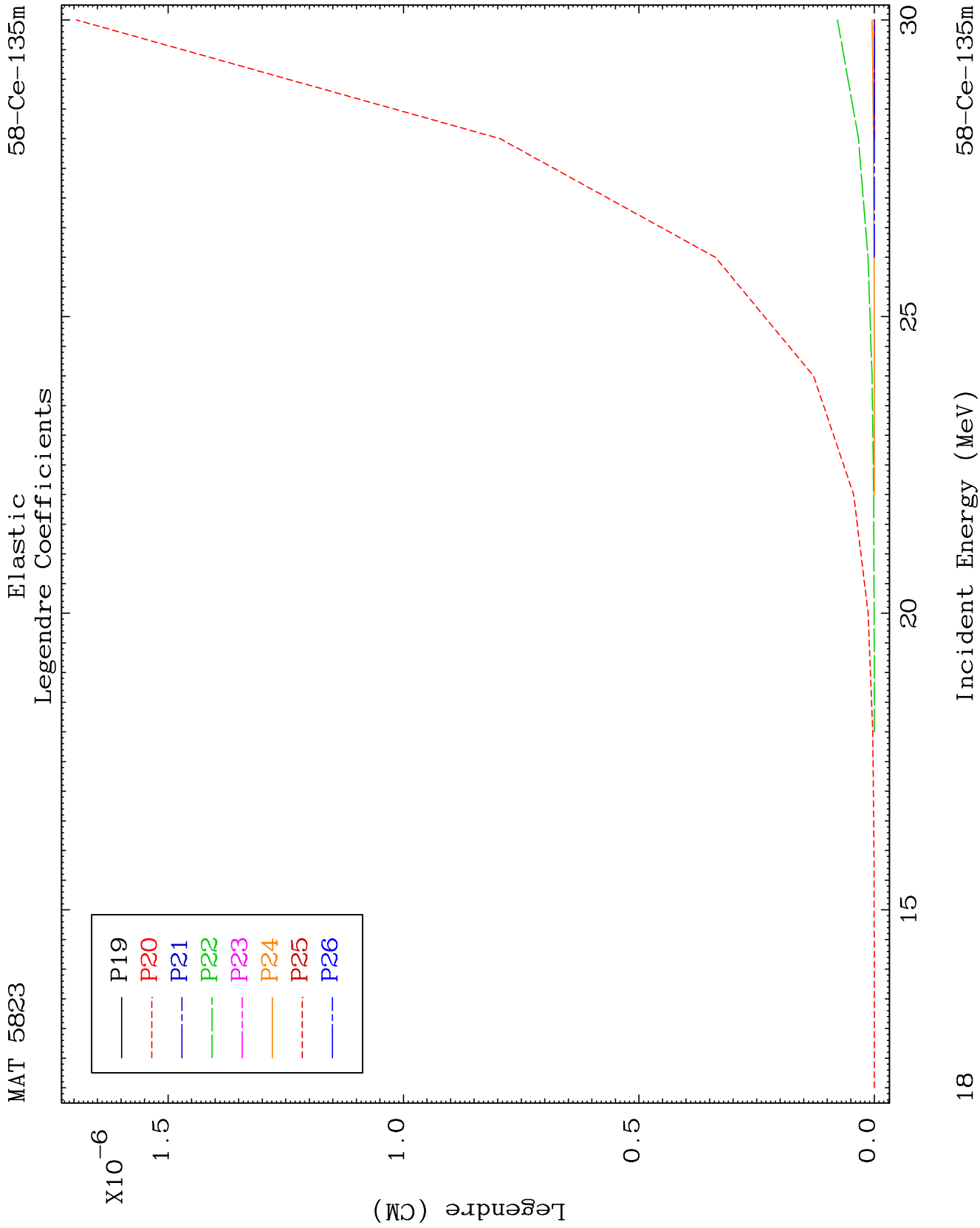
15

Incident Energy (MeV)

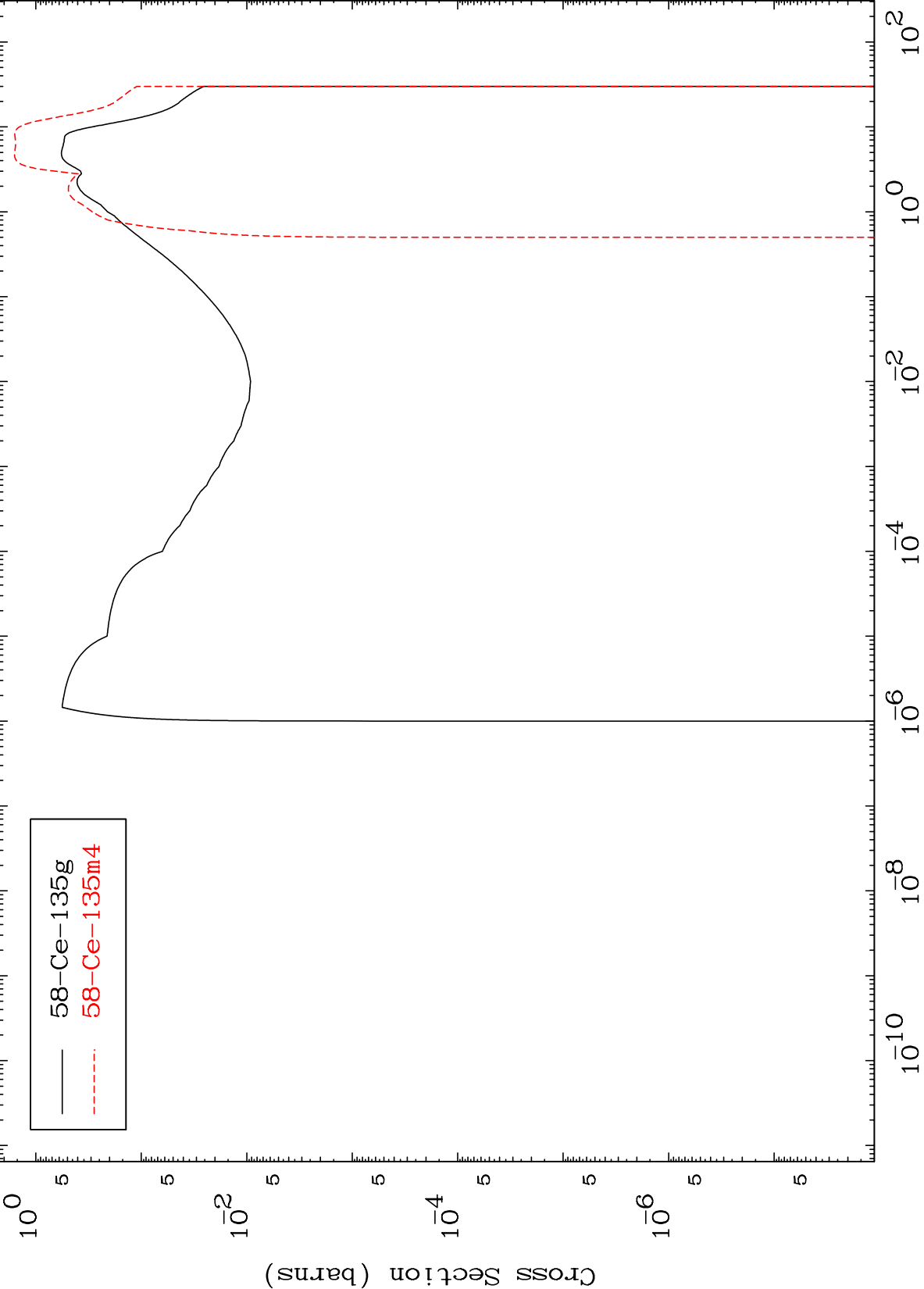
58-Ce-135m







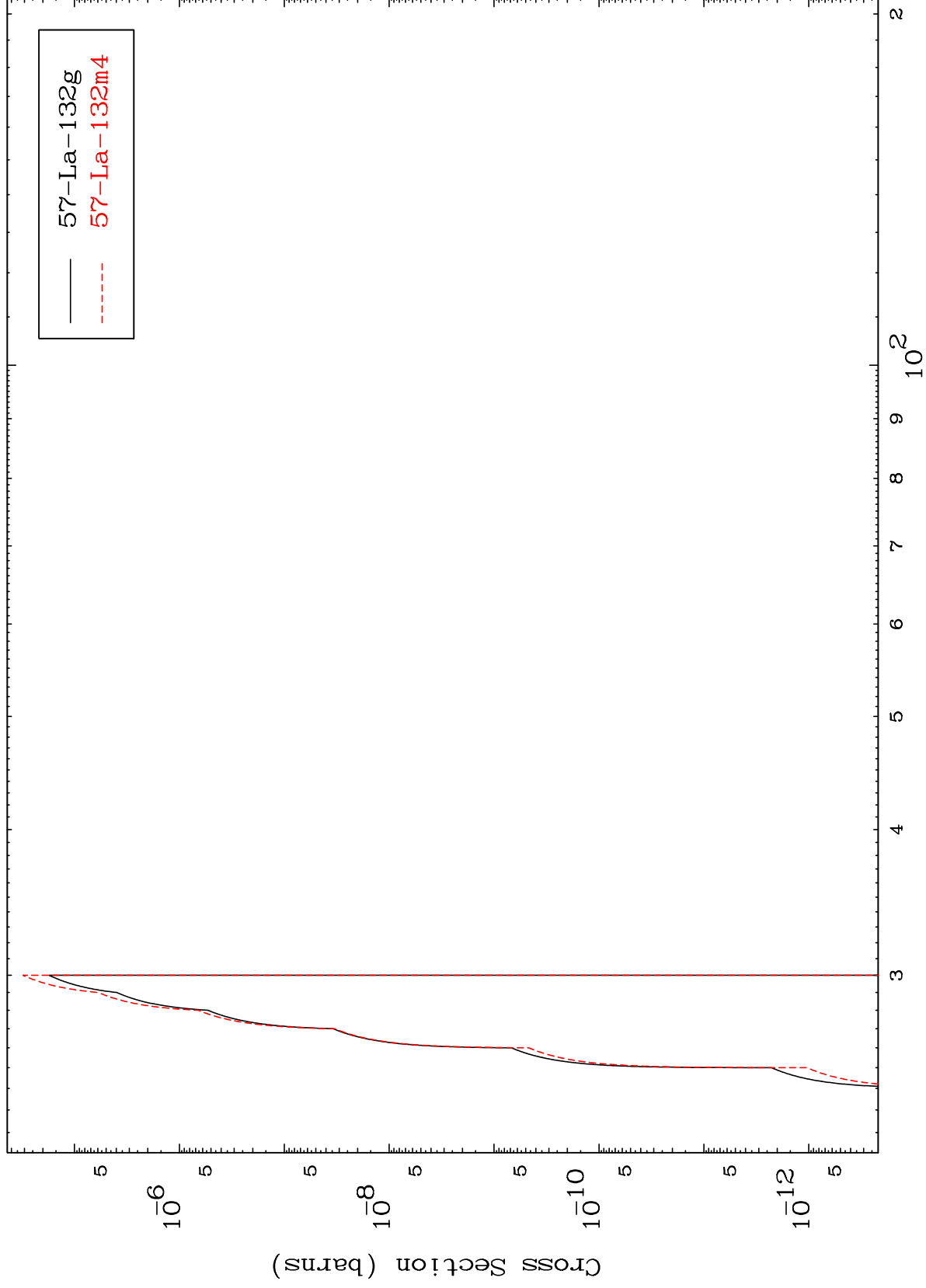
Inelastic
Radionuclide Production Cross Section



MAT 5823

58-Ce-135m

(n,2n) d
Radionuclide Production Cross Section



58-Ce-135m

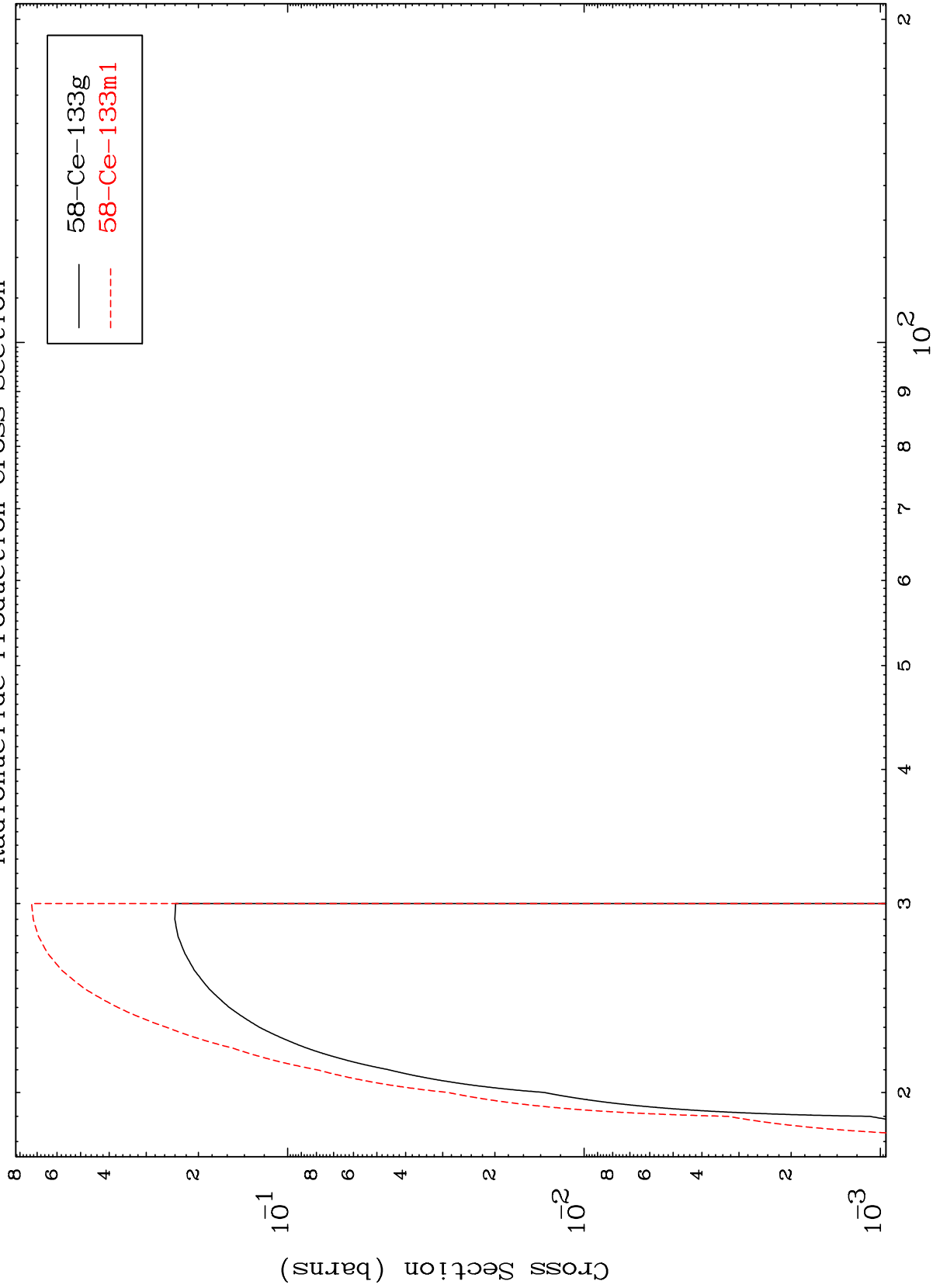
Incident Energy (MeV)

20

MAT 5823

58-Ce-135m

(n,3n)
Radionuclide Production Cross Section

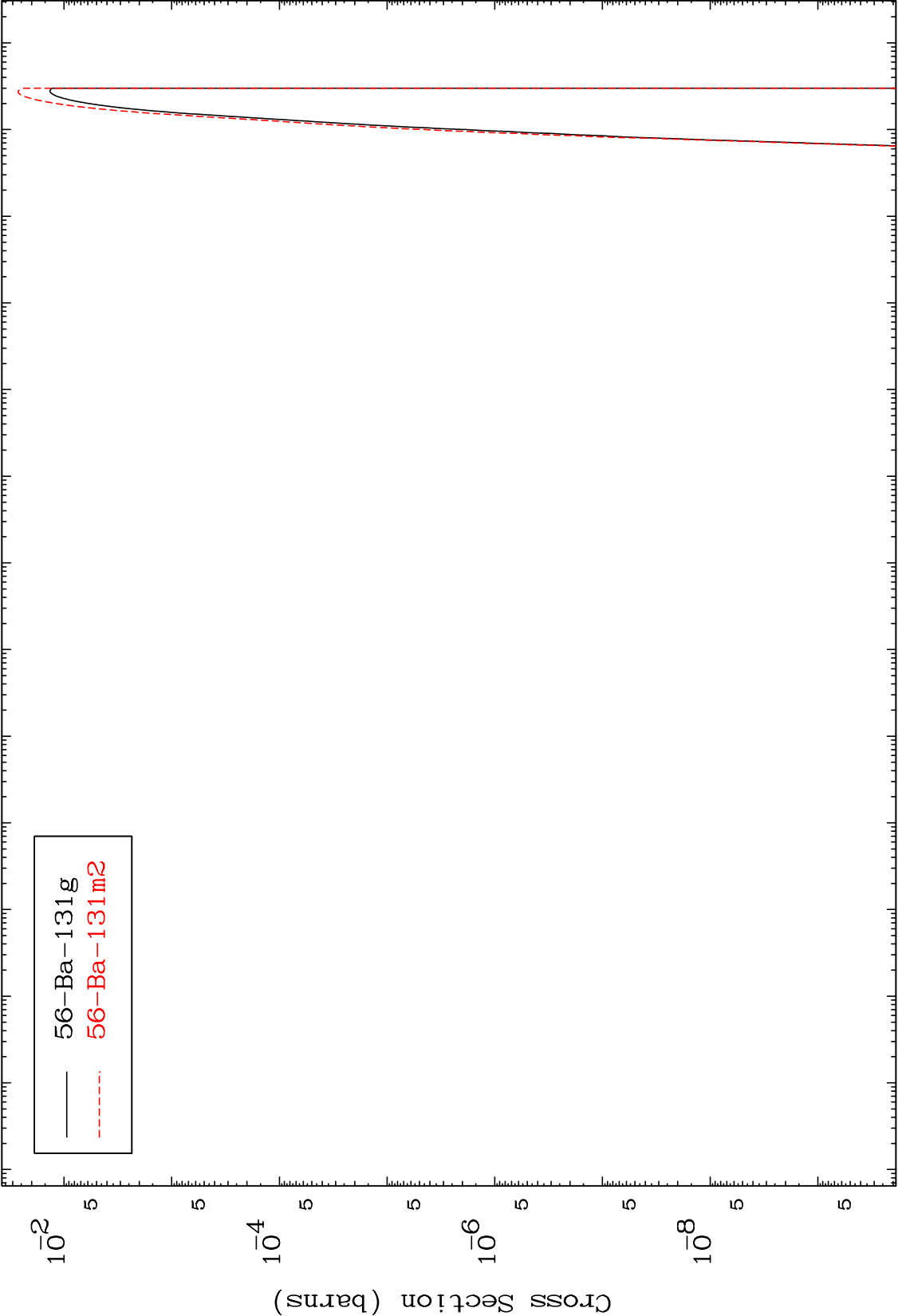


21

Incident Energy (MeV)

58-Ce-135m

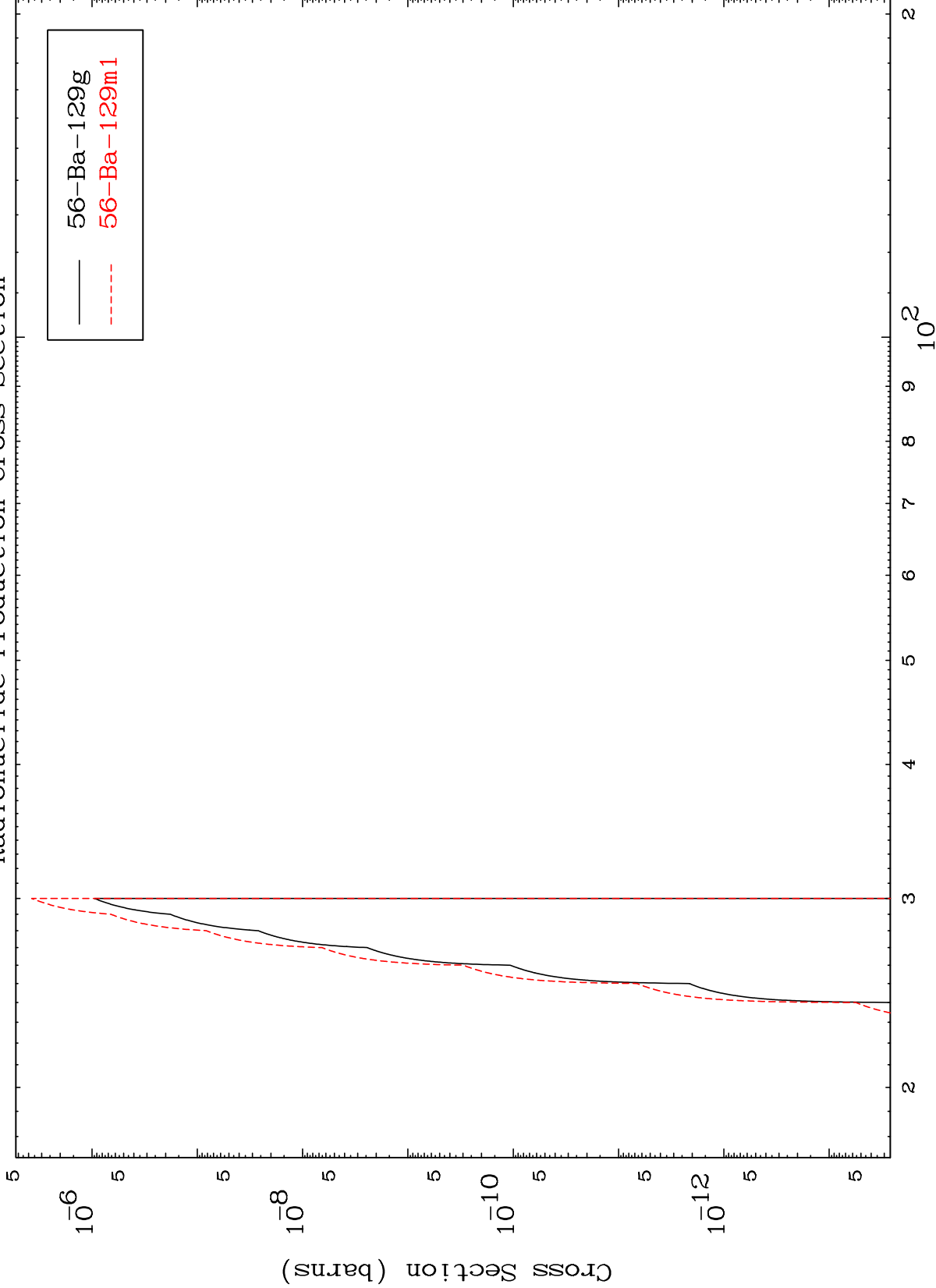
Radionuclide Production Cross Section

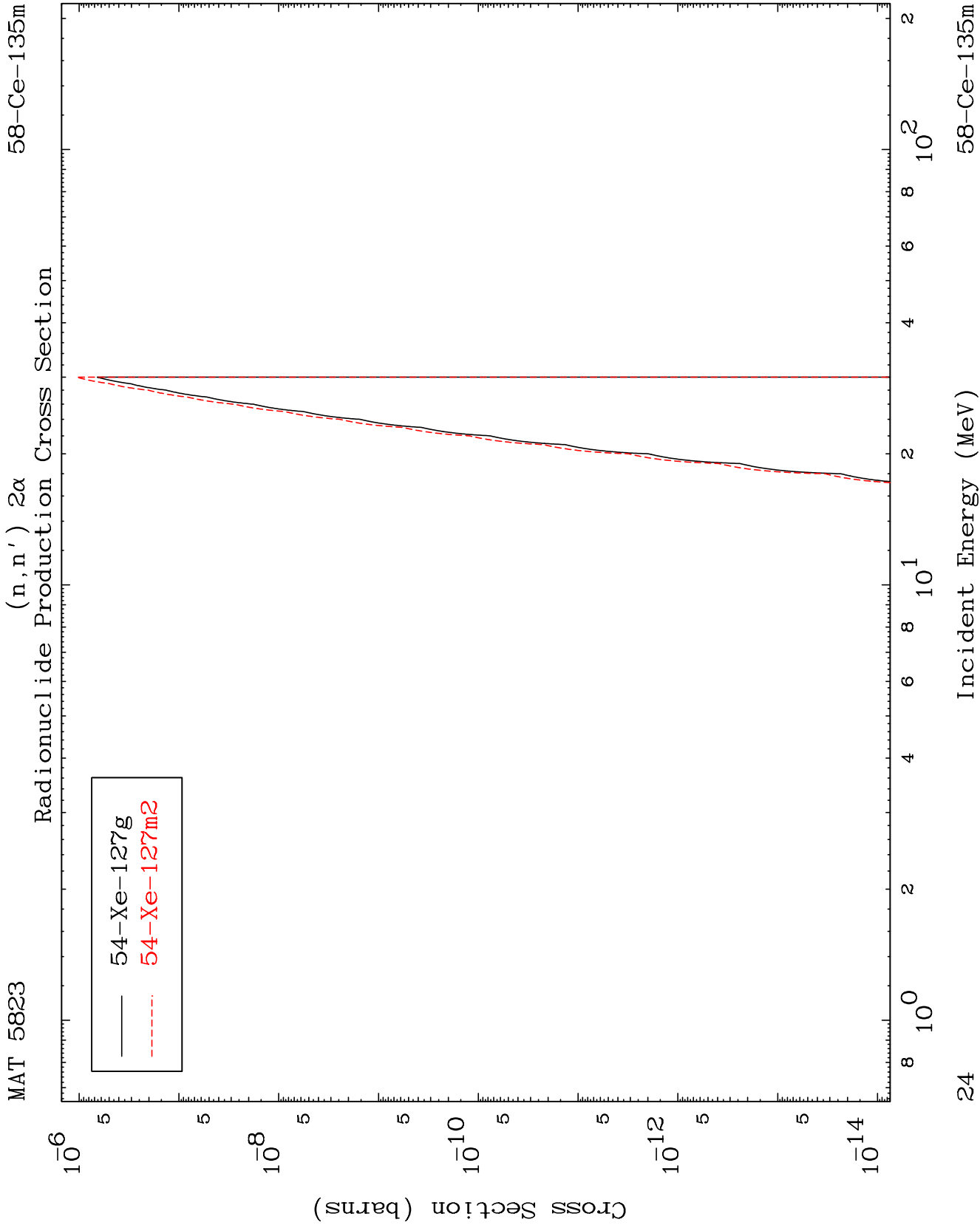


MAT 5823

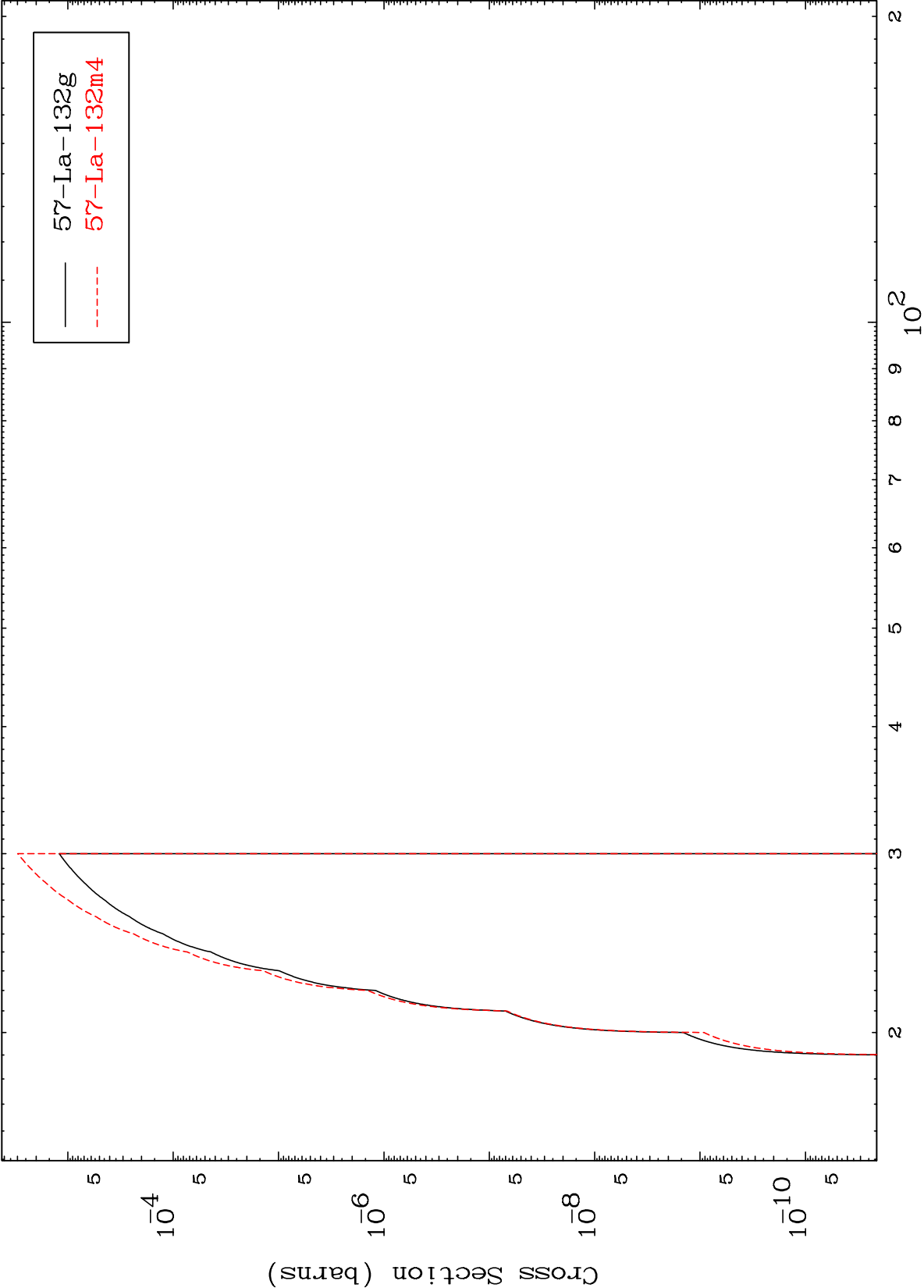
58-Ce-135m

$(n,3n) \alpha$
Radionuclide Production Cross Section

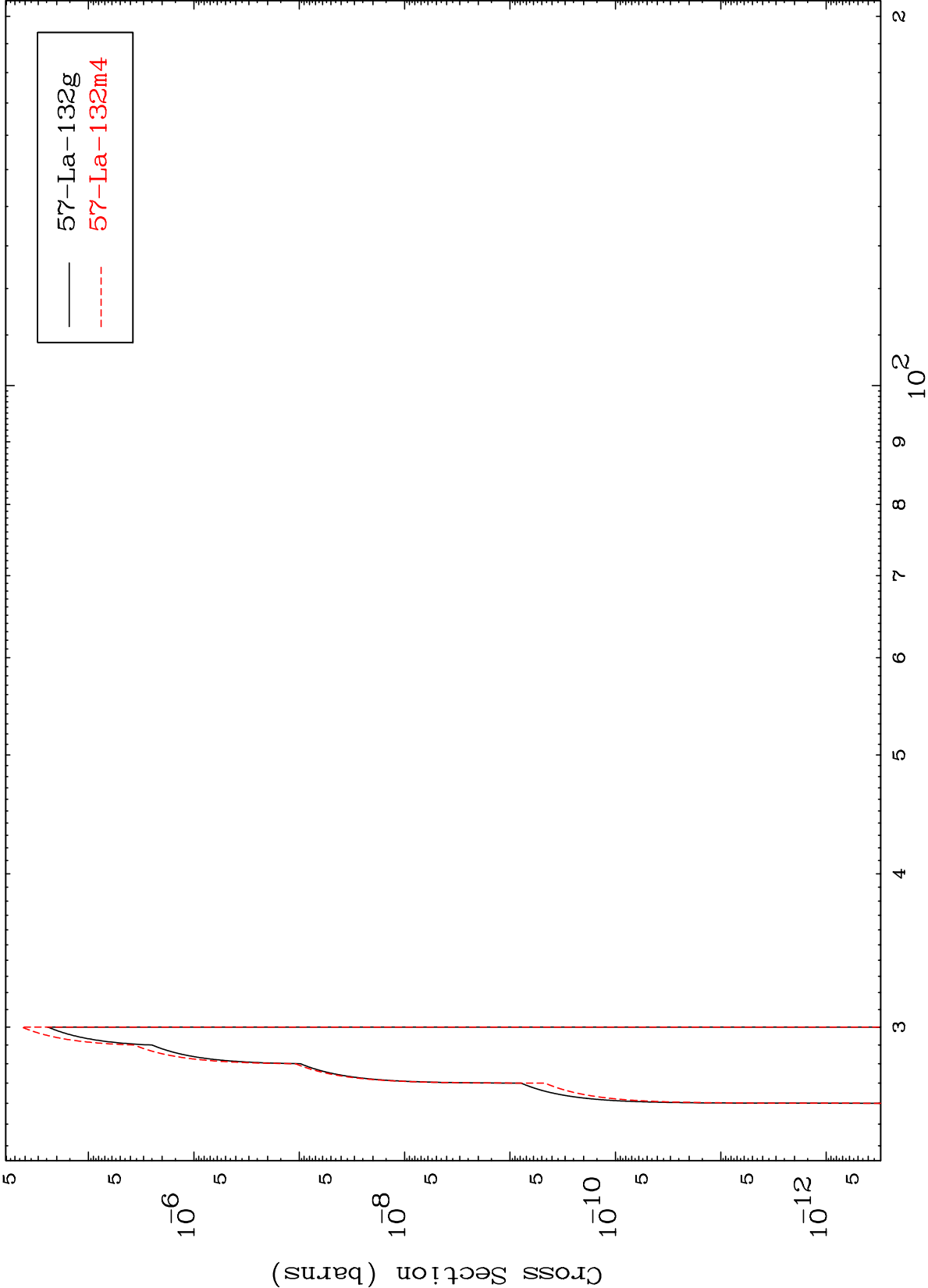




Radionuclide Production Cross Section



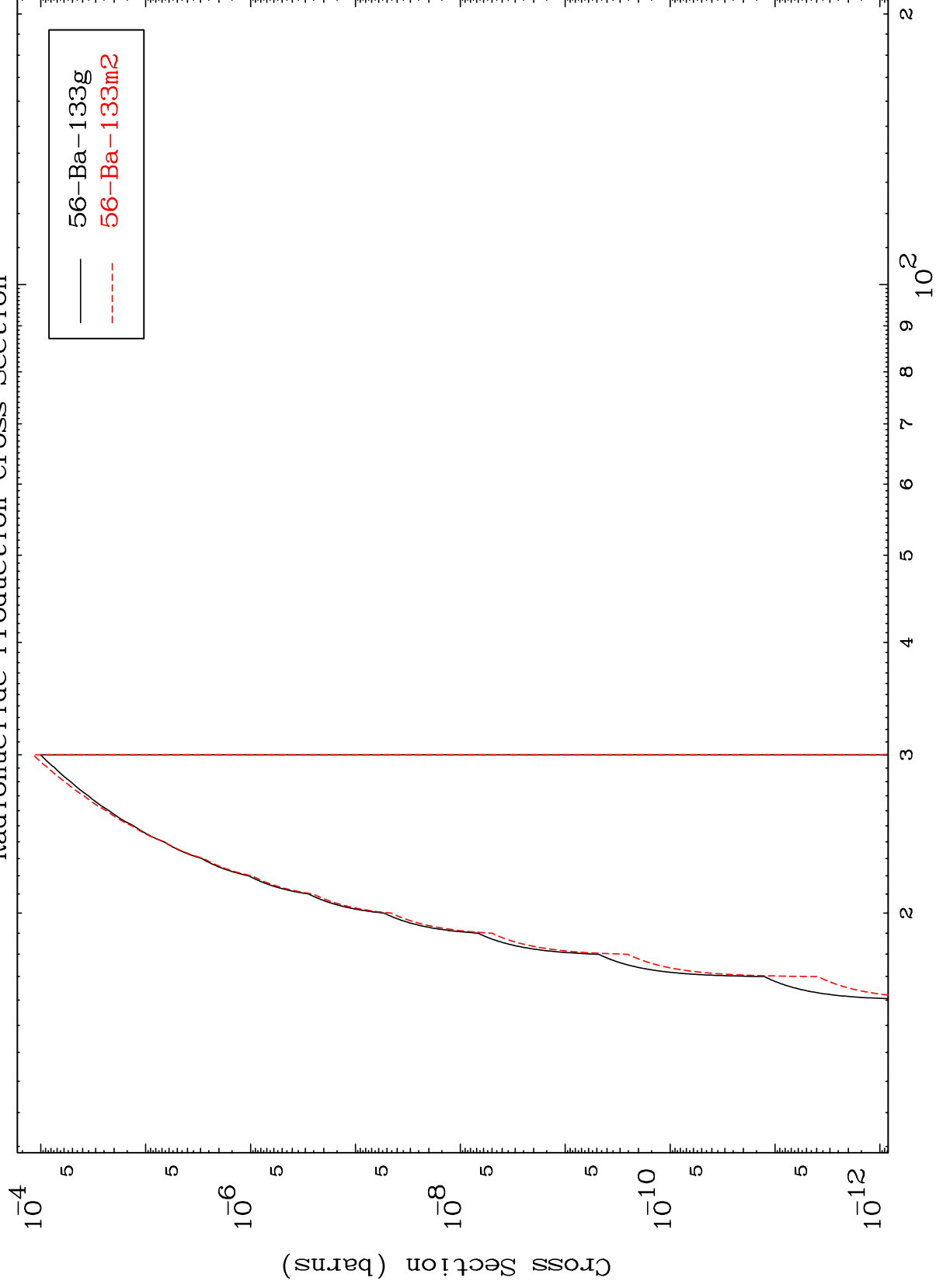
(n,3n) p
Radionuclide Production Cross Section



MAT 5823

58-Ce-135m

(n,2n) p
Radionuclide Production Cross Section



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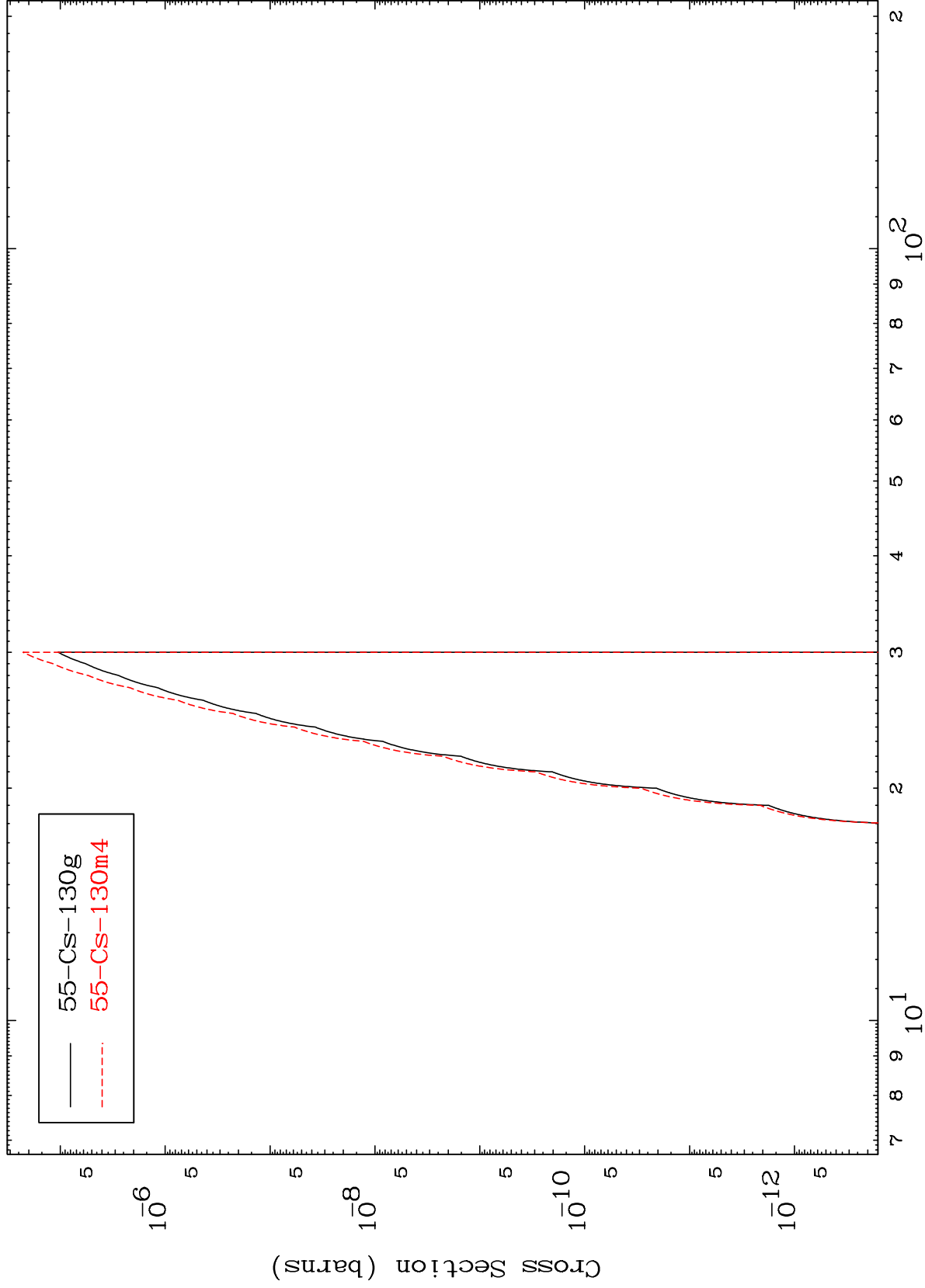
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

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



28

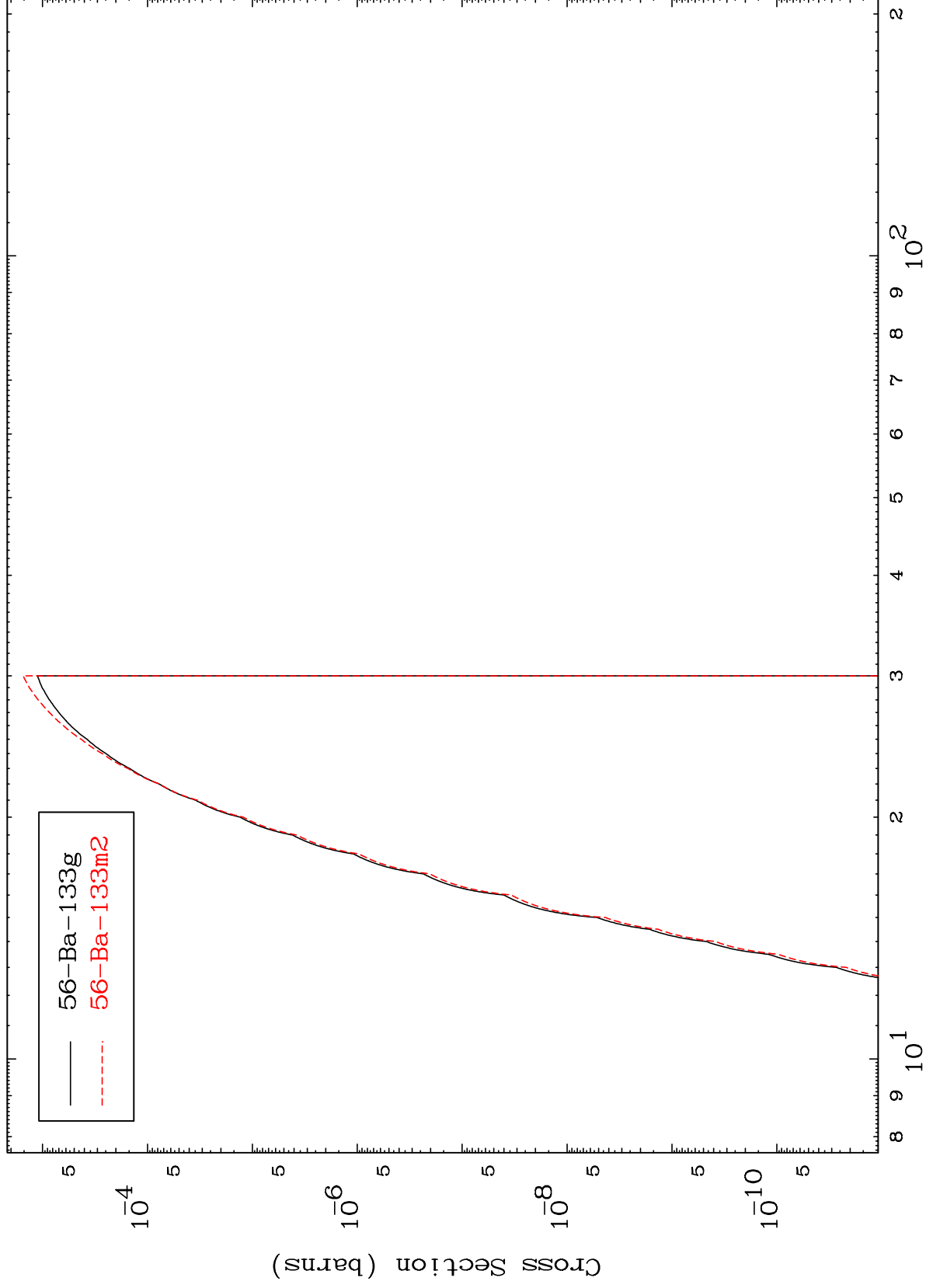
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

Radionuclide Production Cross Section



58-Ce-135m

Incident Energy (MeV)

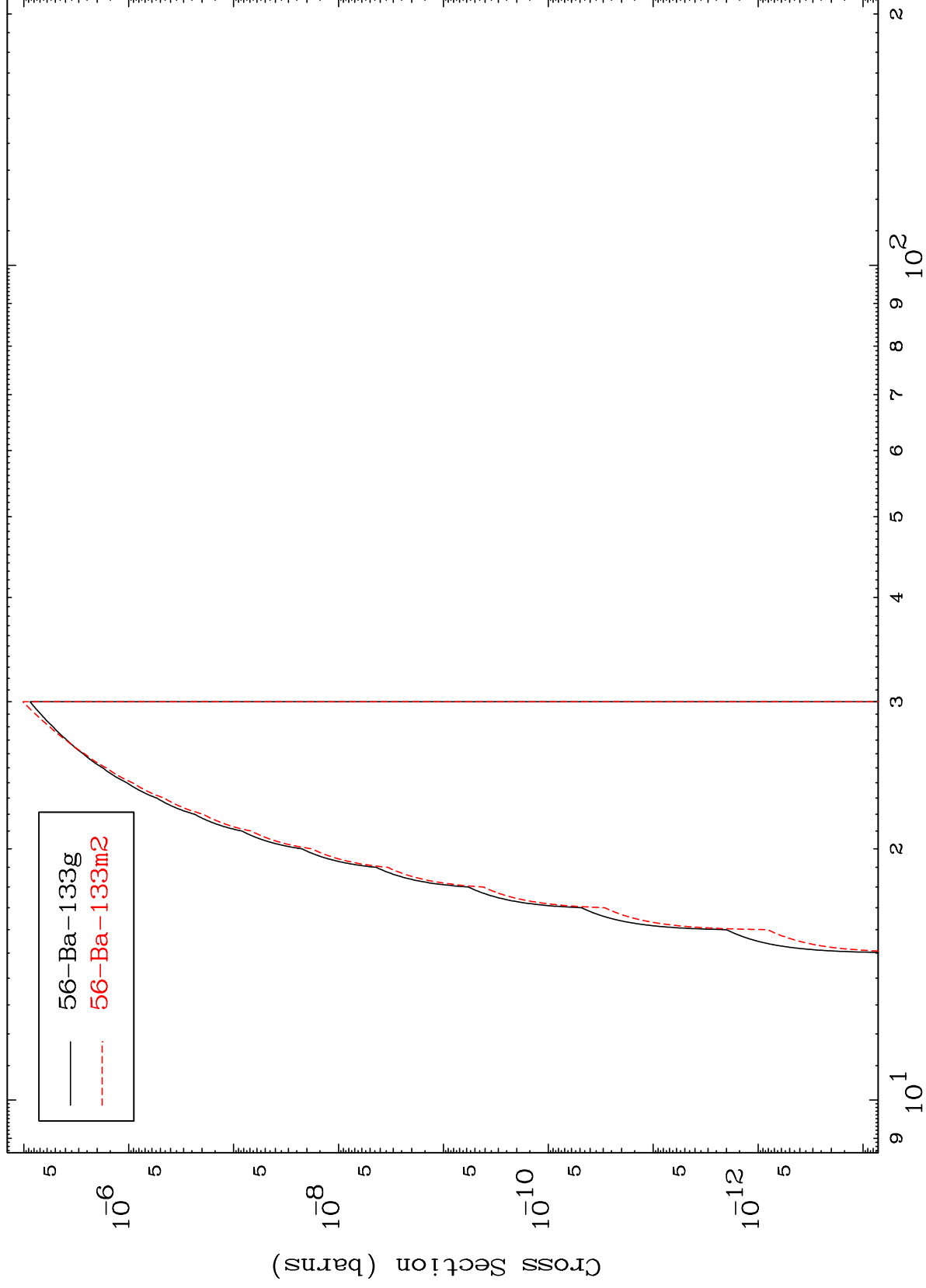
29

MAT 5823

(n,p) d

58-Ce-135m

Radionuclide Production Cross Section



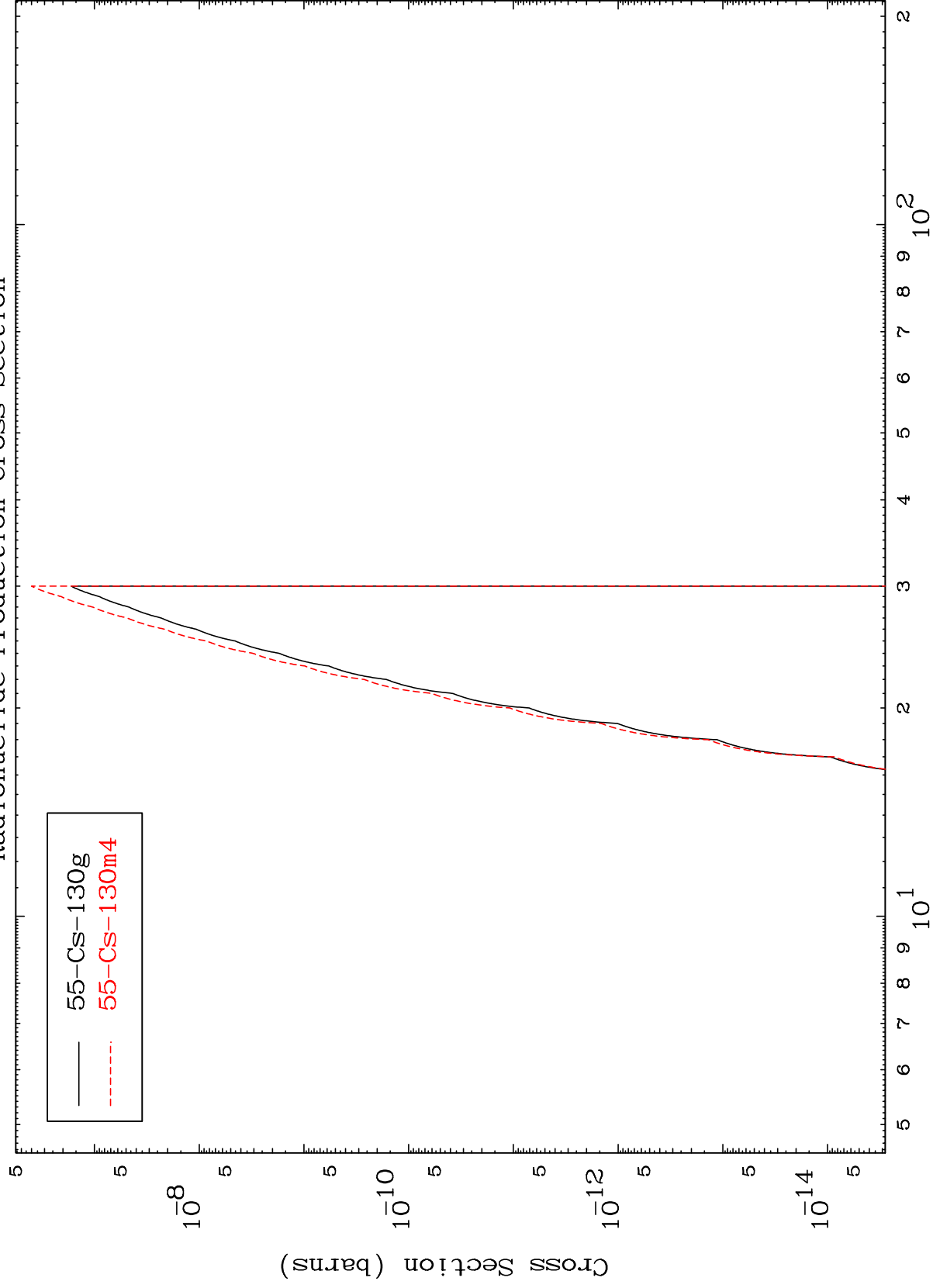
Incident Energy (MeV)

58-Ce-135m

MAT 5823

58-Ce-135m

(n,d) α
Radionuclide Production Cross Section



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58-Ce-135m