

Program EVALPLOT
(Version 2021-1)

by

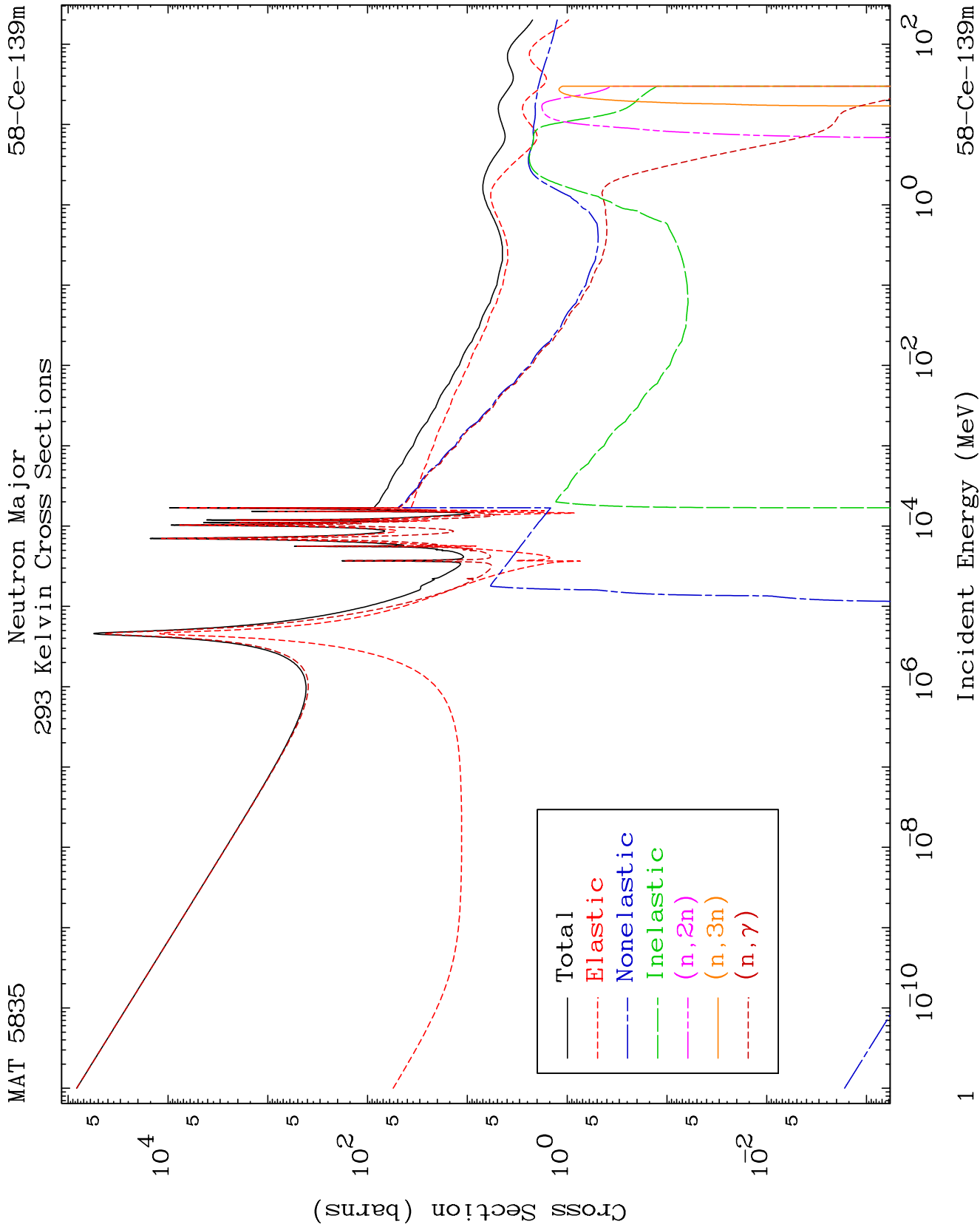
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

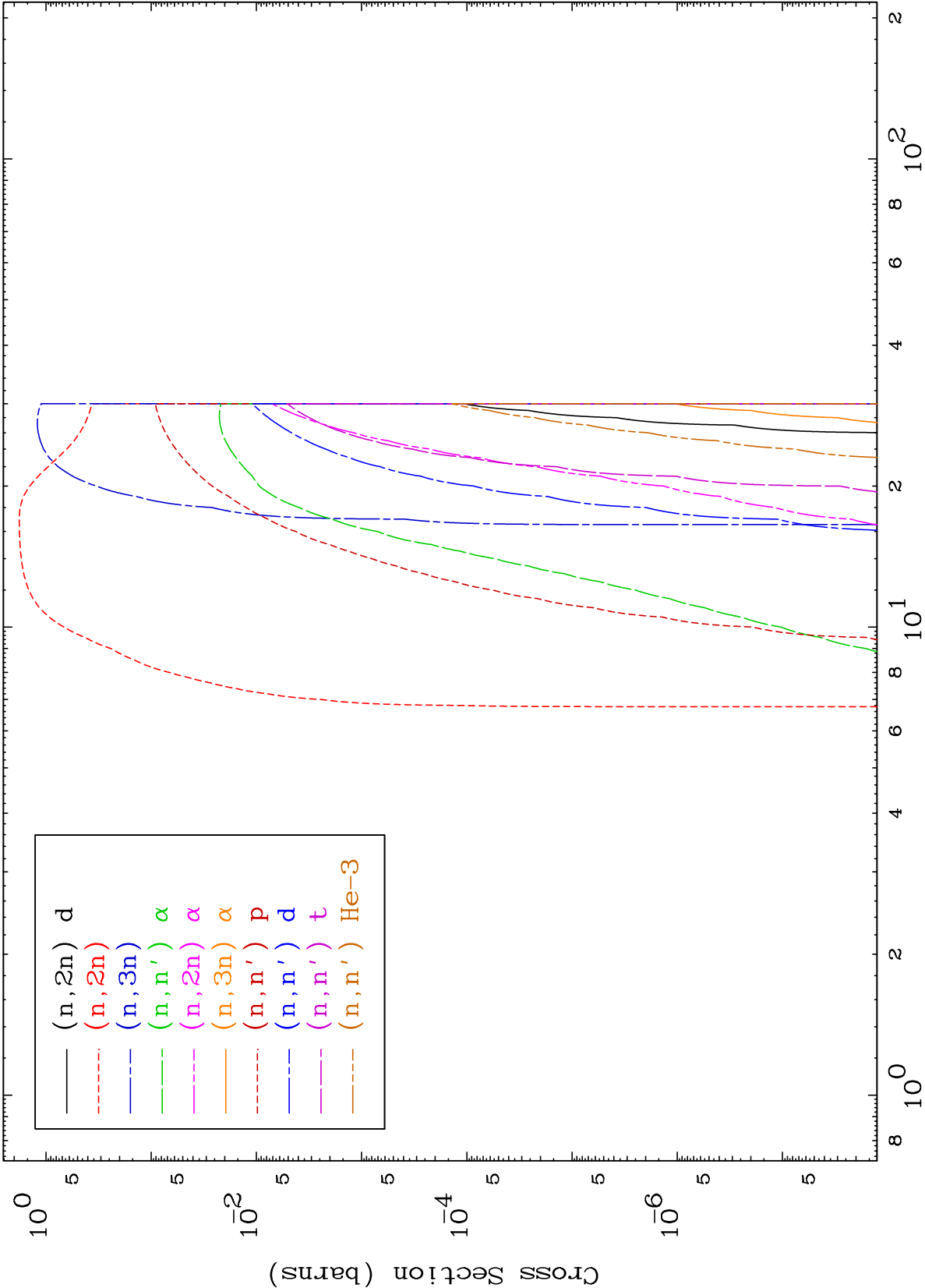


MAT 5835

Neutron Absorption

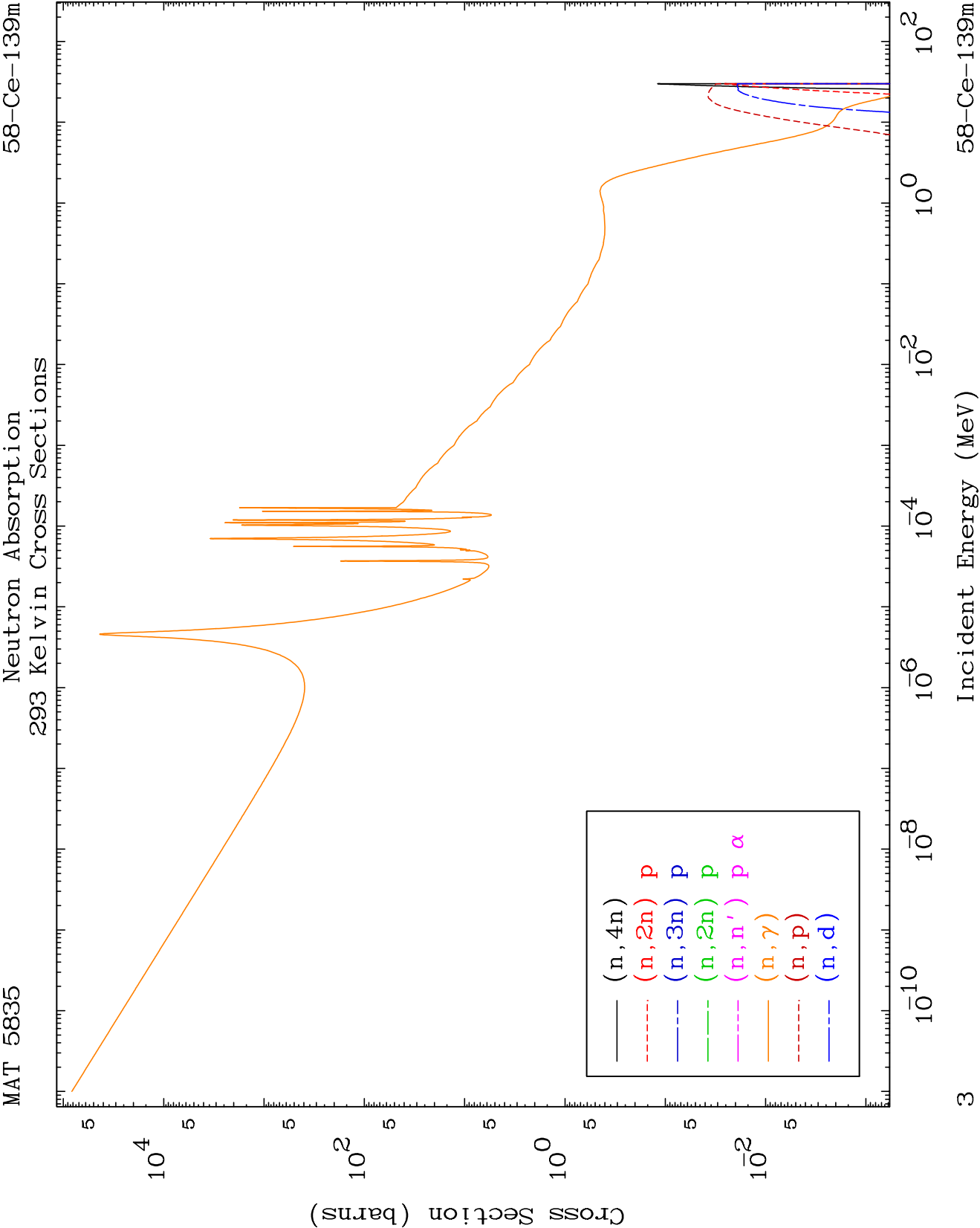
58-Ce-139m

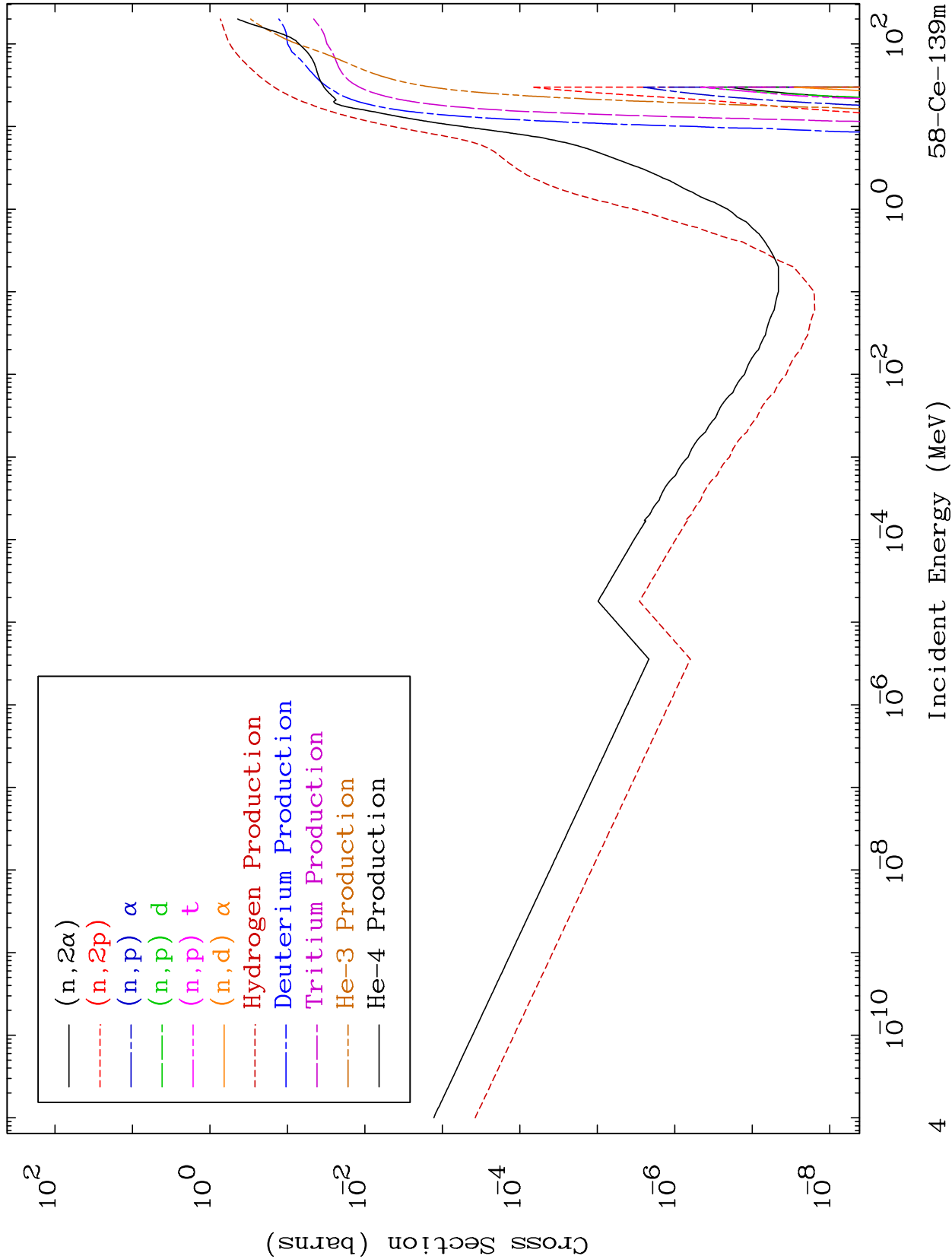
293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-139m

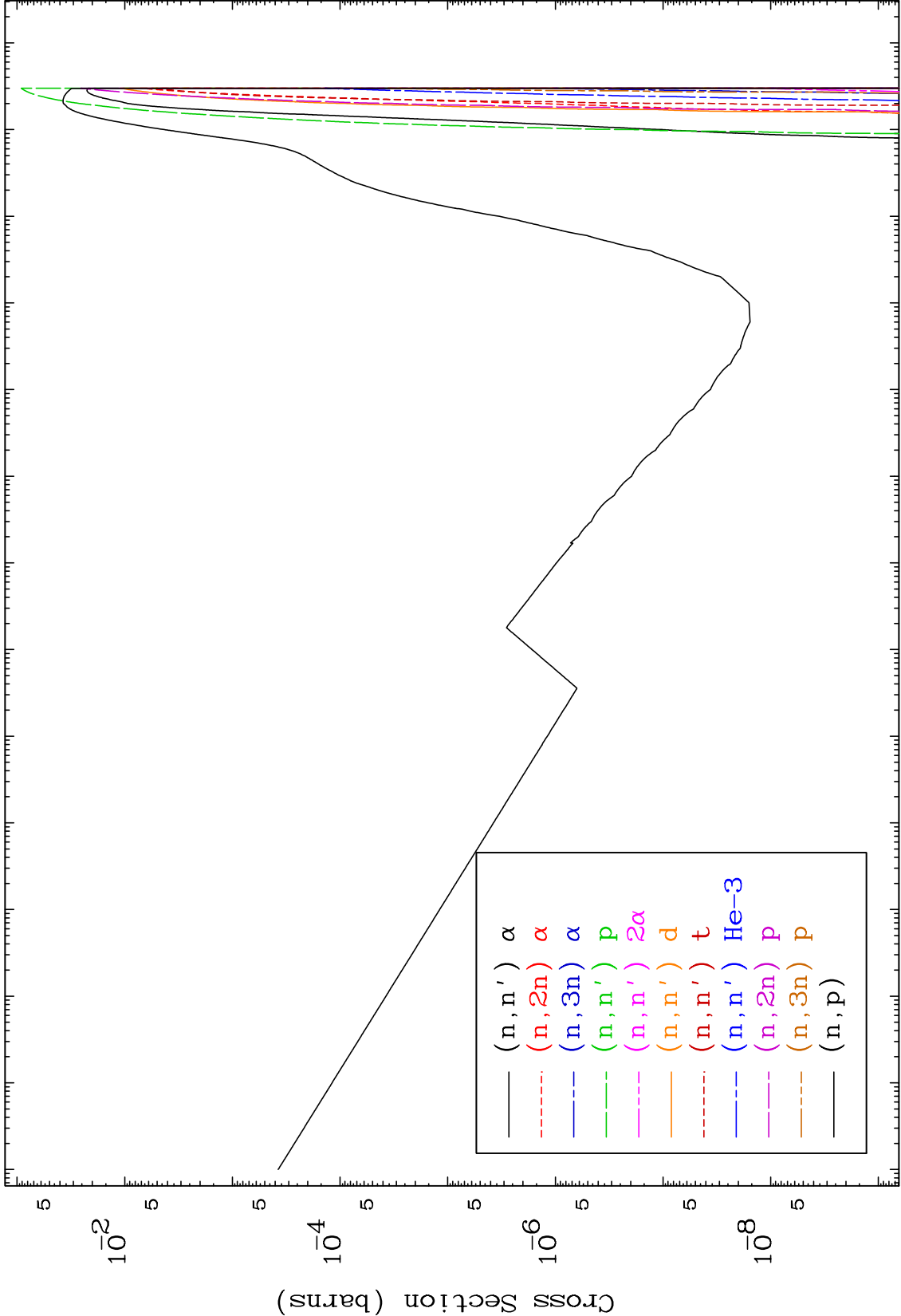


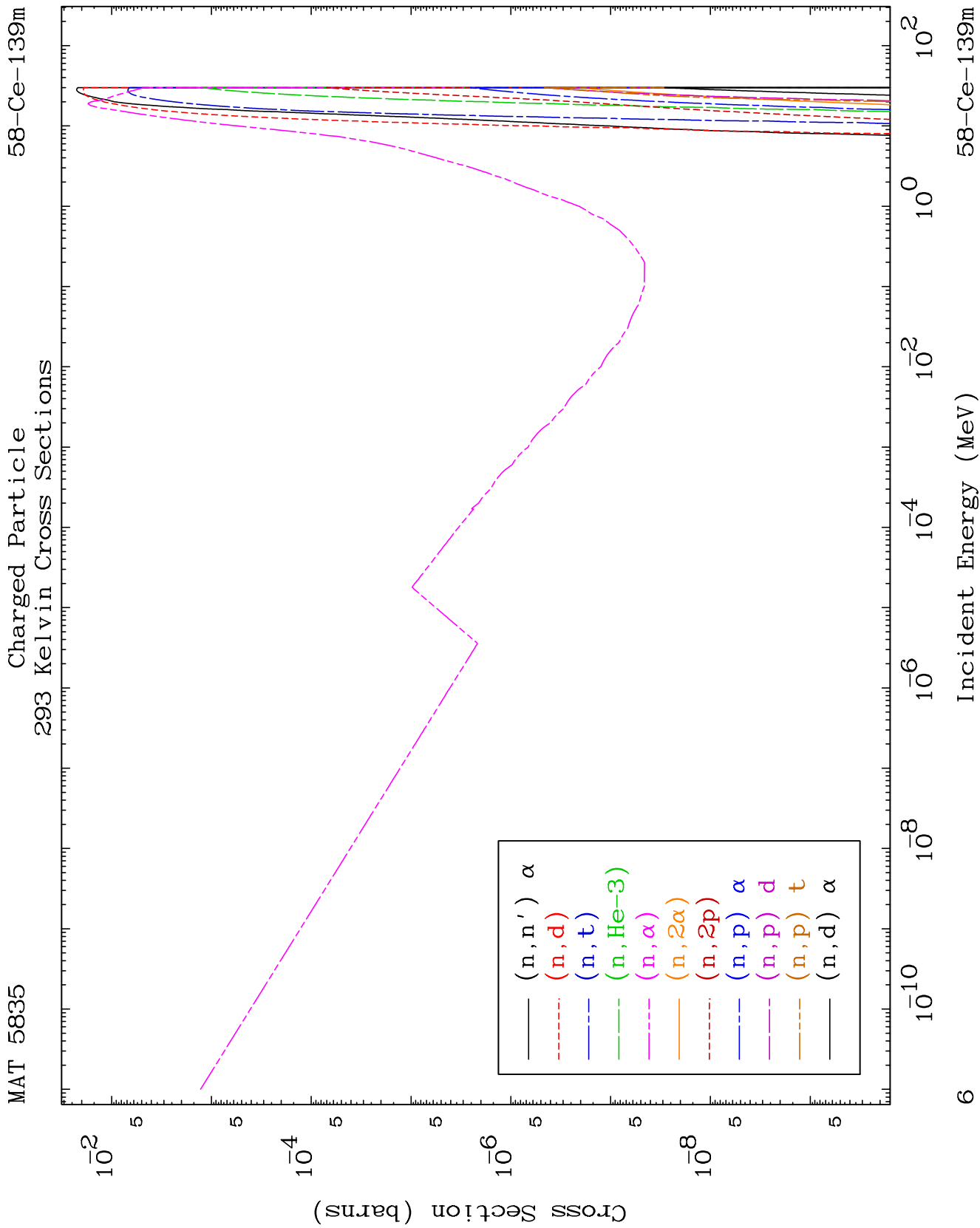


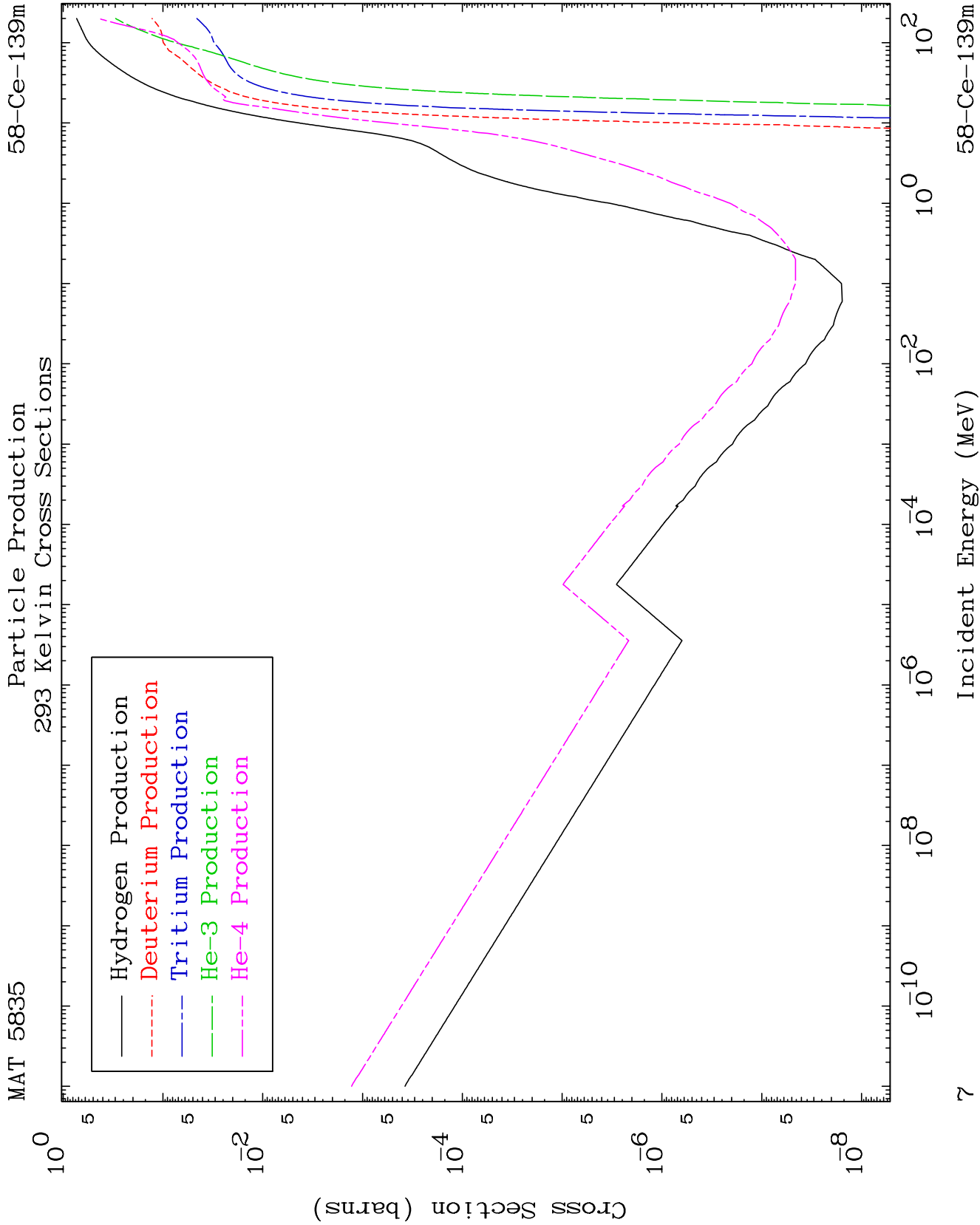
MAT 5835

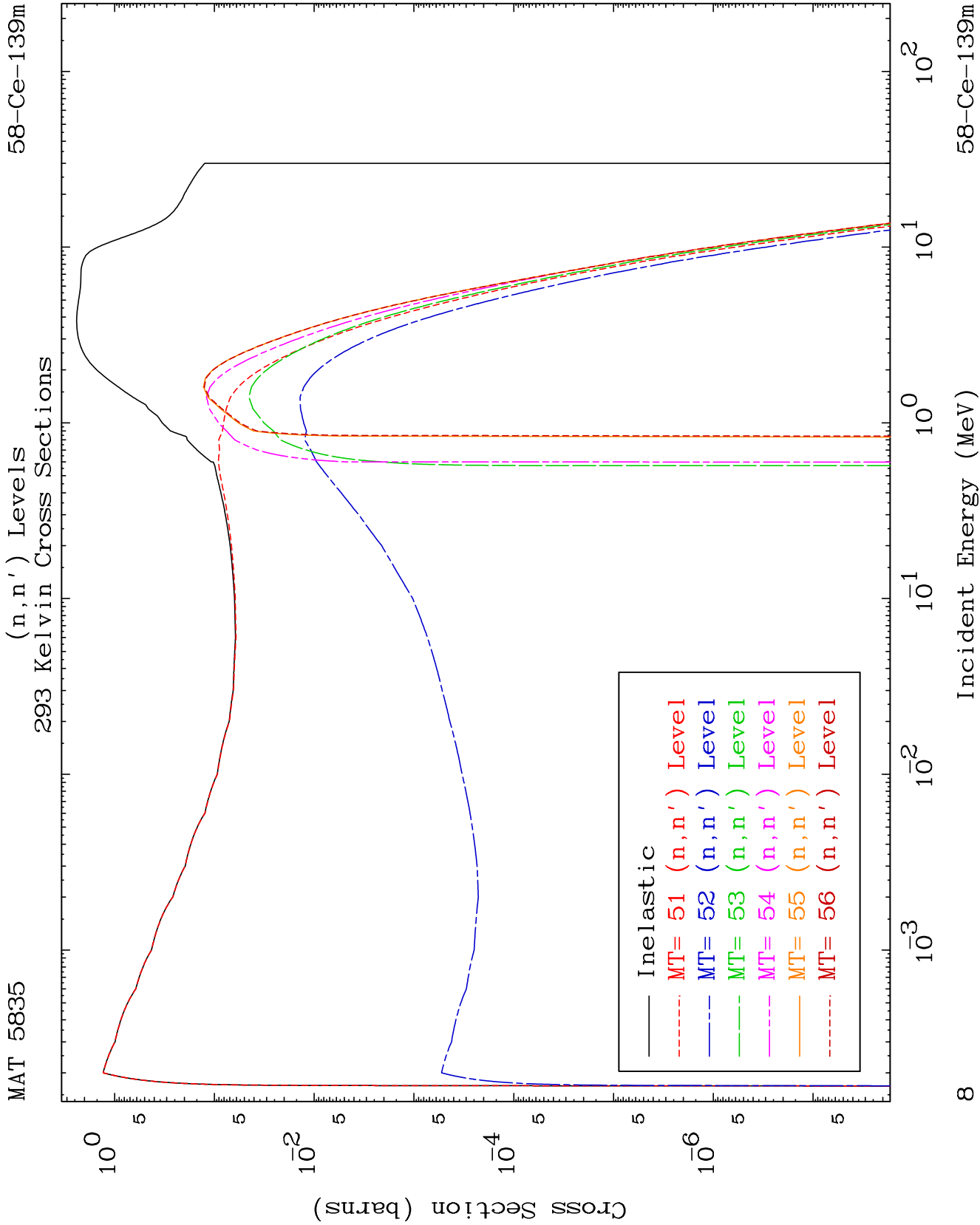
Charged Particle
293 Kelvin Cross Sections

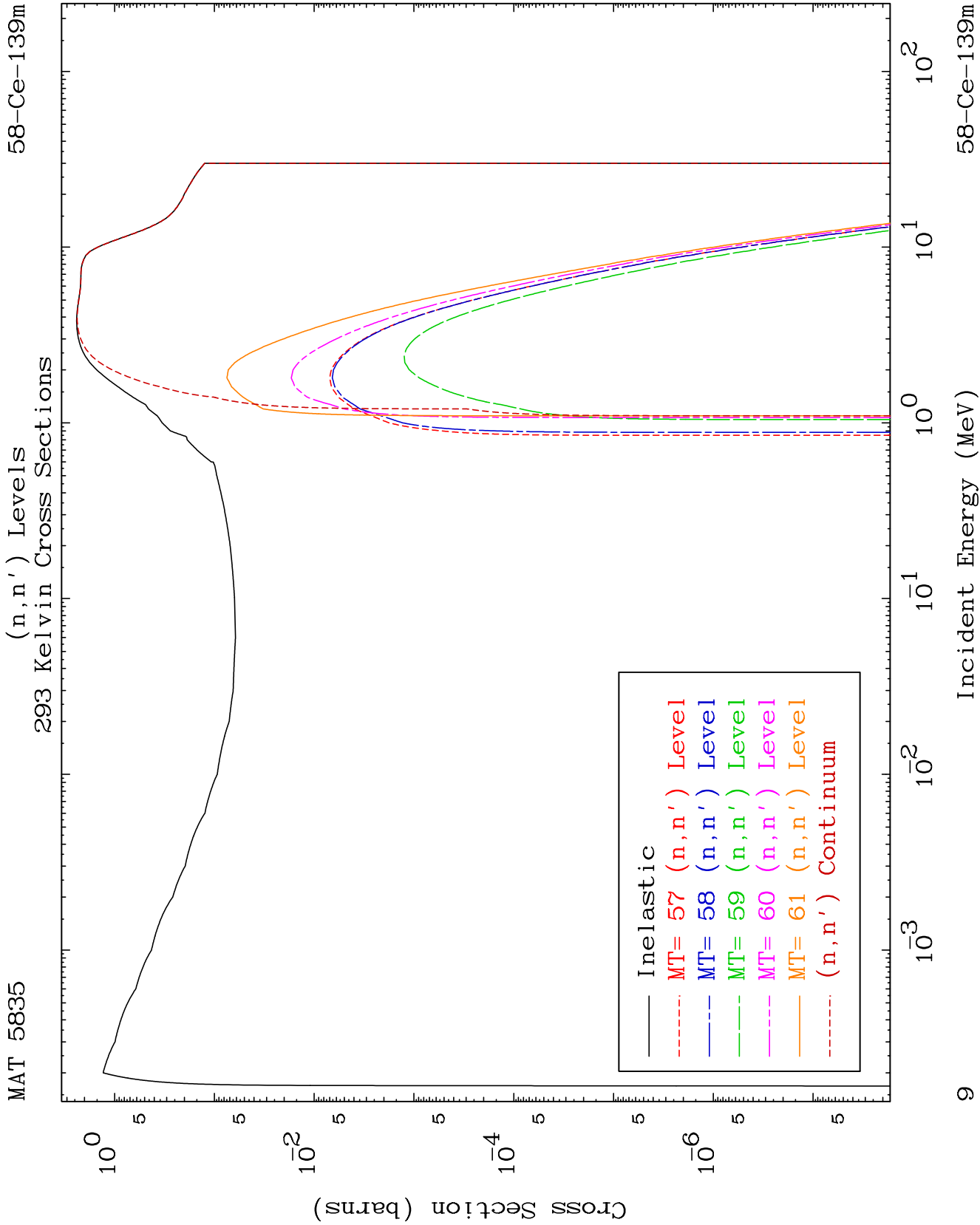
58-Ce-139m







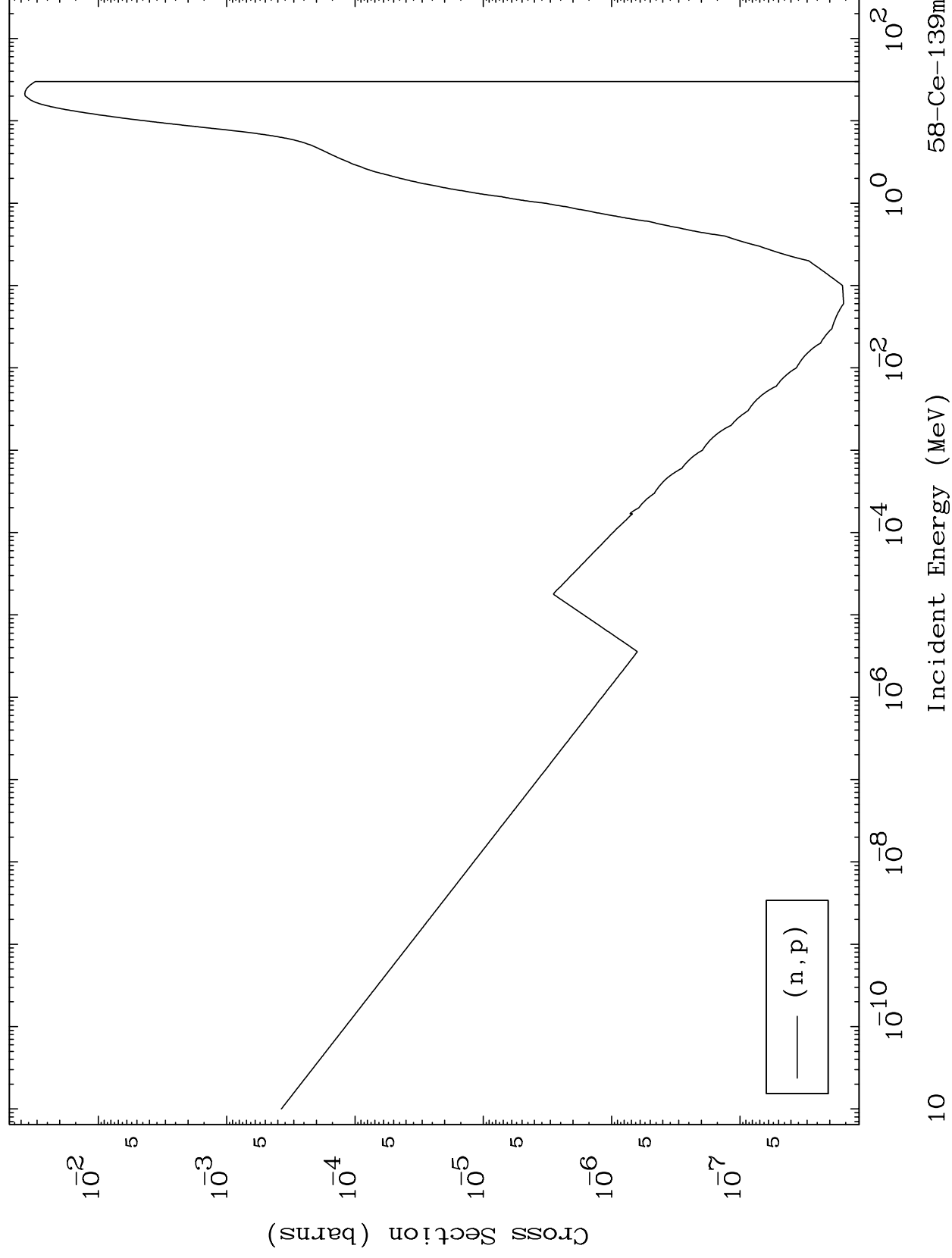




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(n,p) Levels
293 Kelvin Cross Sections

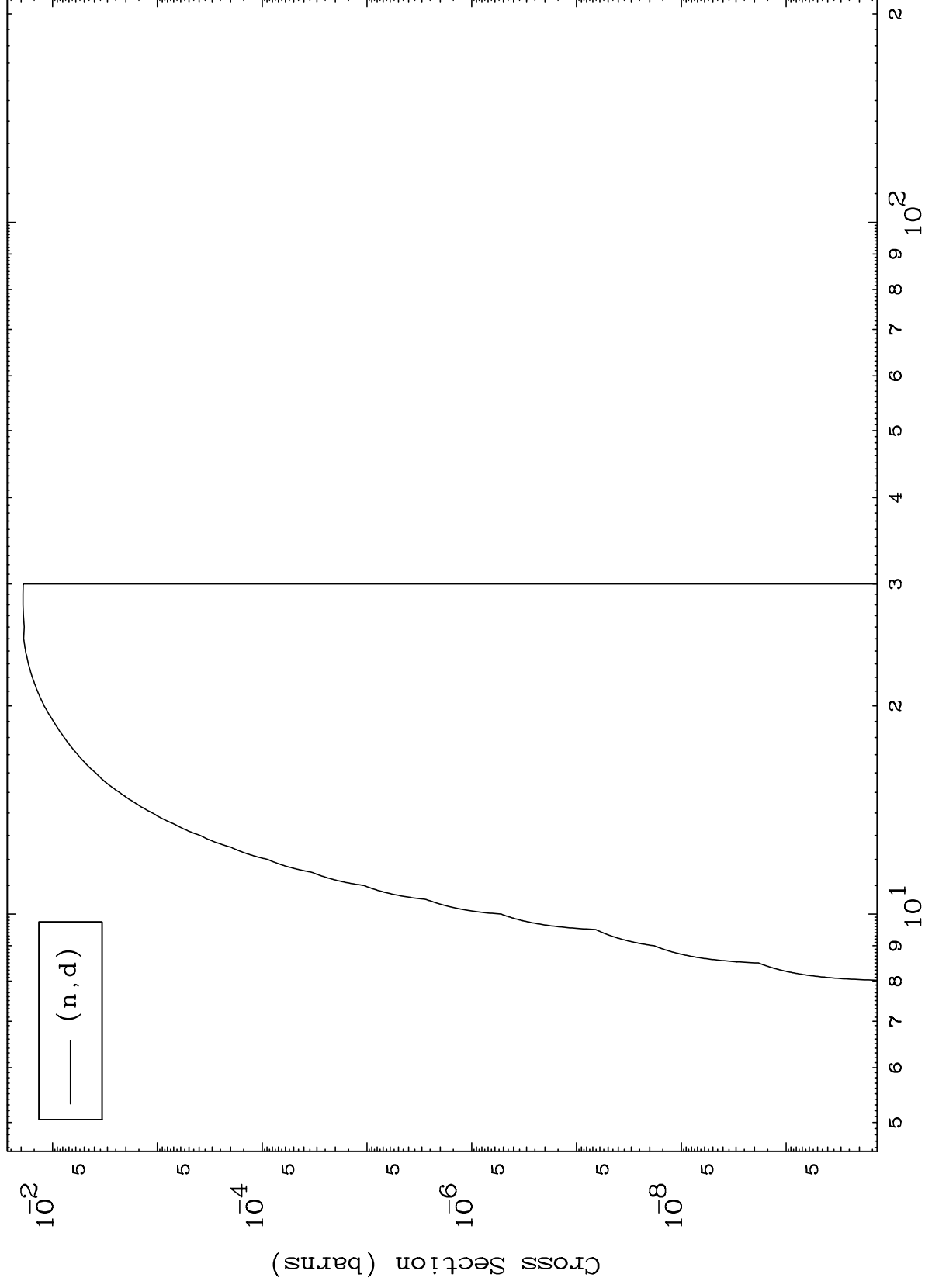
58-Ce-139m



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(n,d) Levels
293 Kelvin Cross Sections

58-Ce-139m



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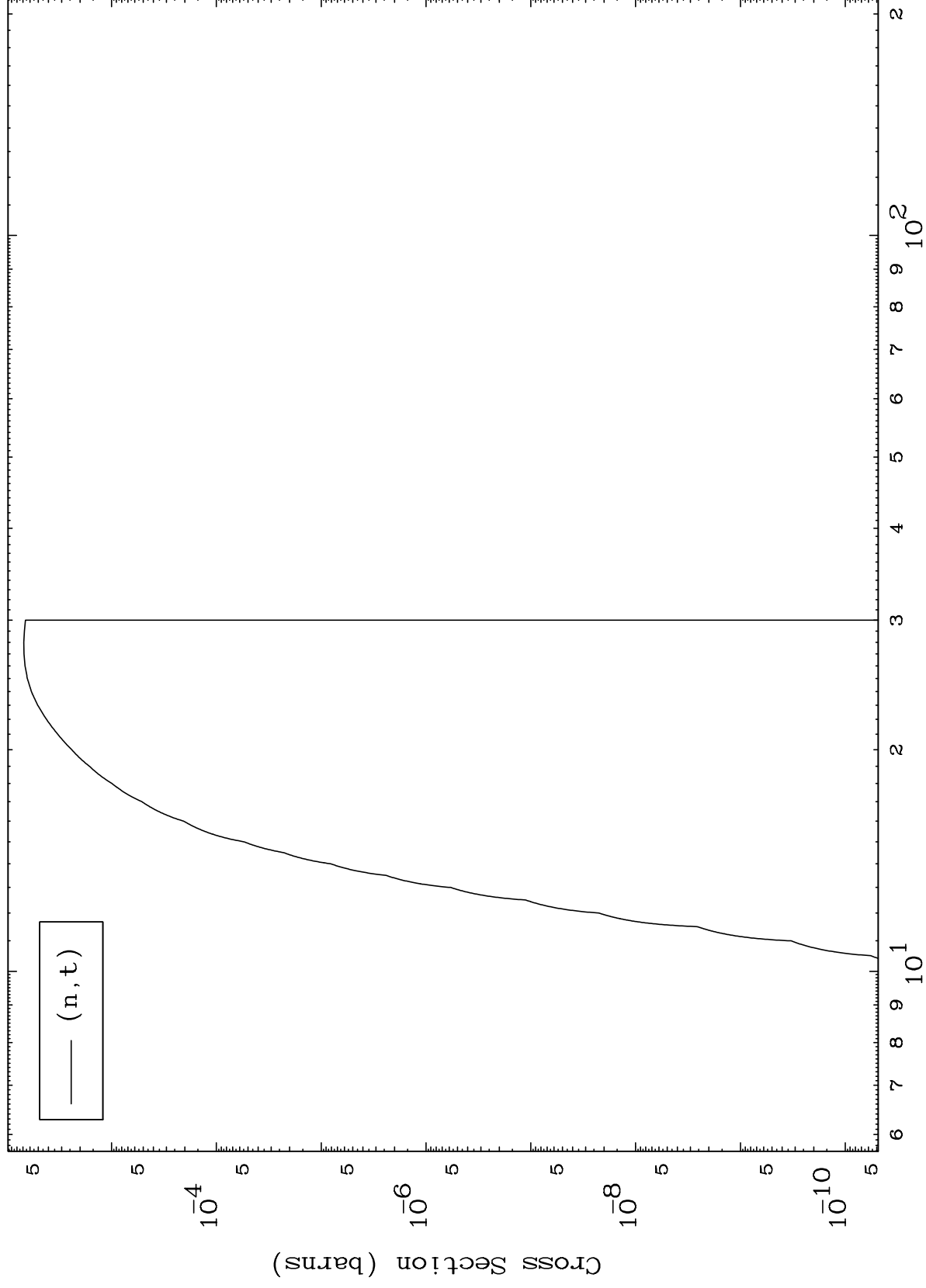
Incident Energy (MeV)

58-Ce-139m

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(n,t) Levels
293 Kelvin Cross Sections

58-Ce-139m



12

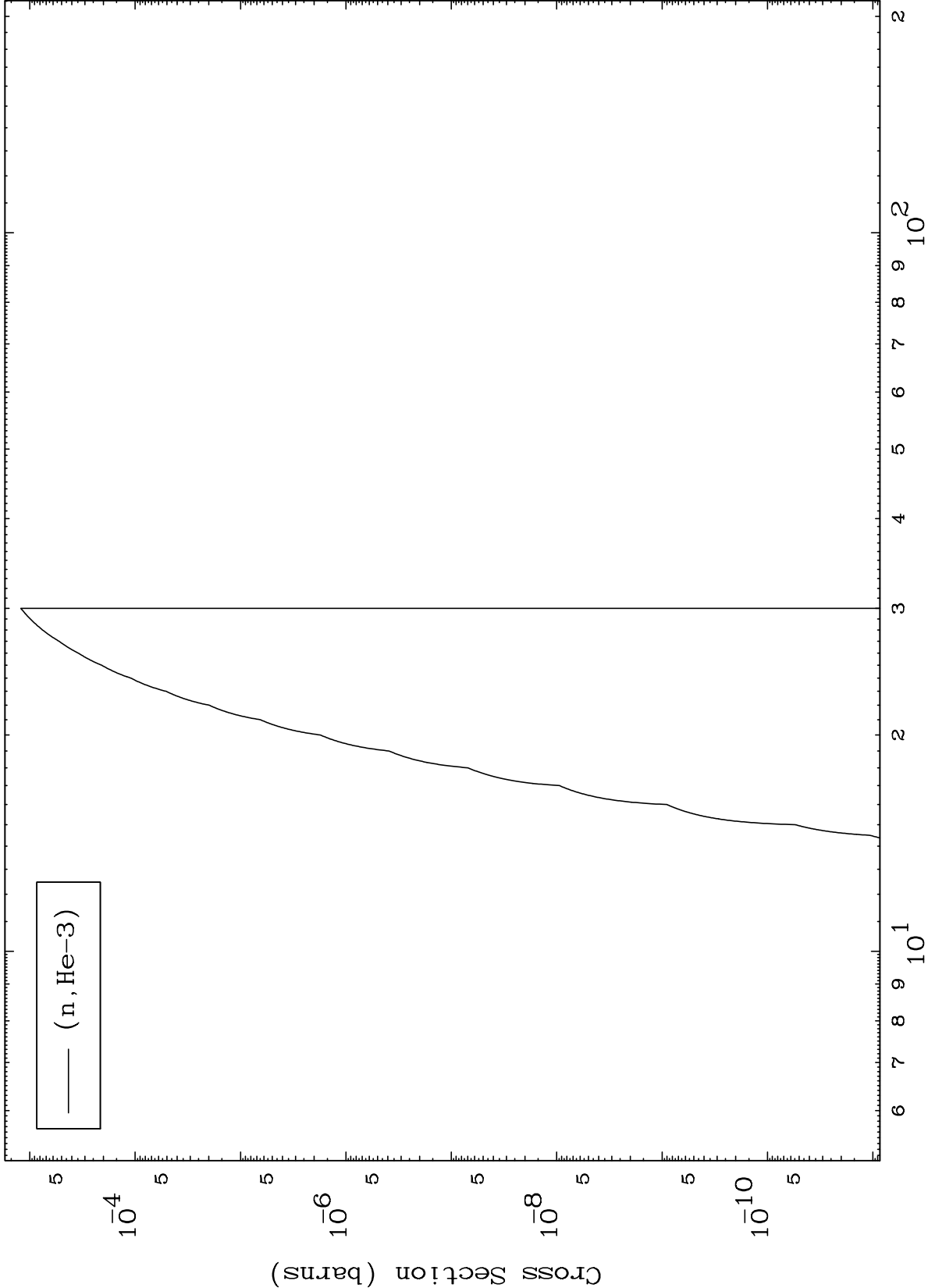
Incident Energy (MeV)

58-Ce-139m

MAT 5835

(n,He3) Levels
293 Kelvin Cross Sections

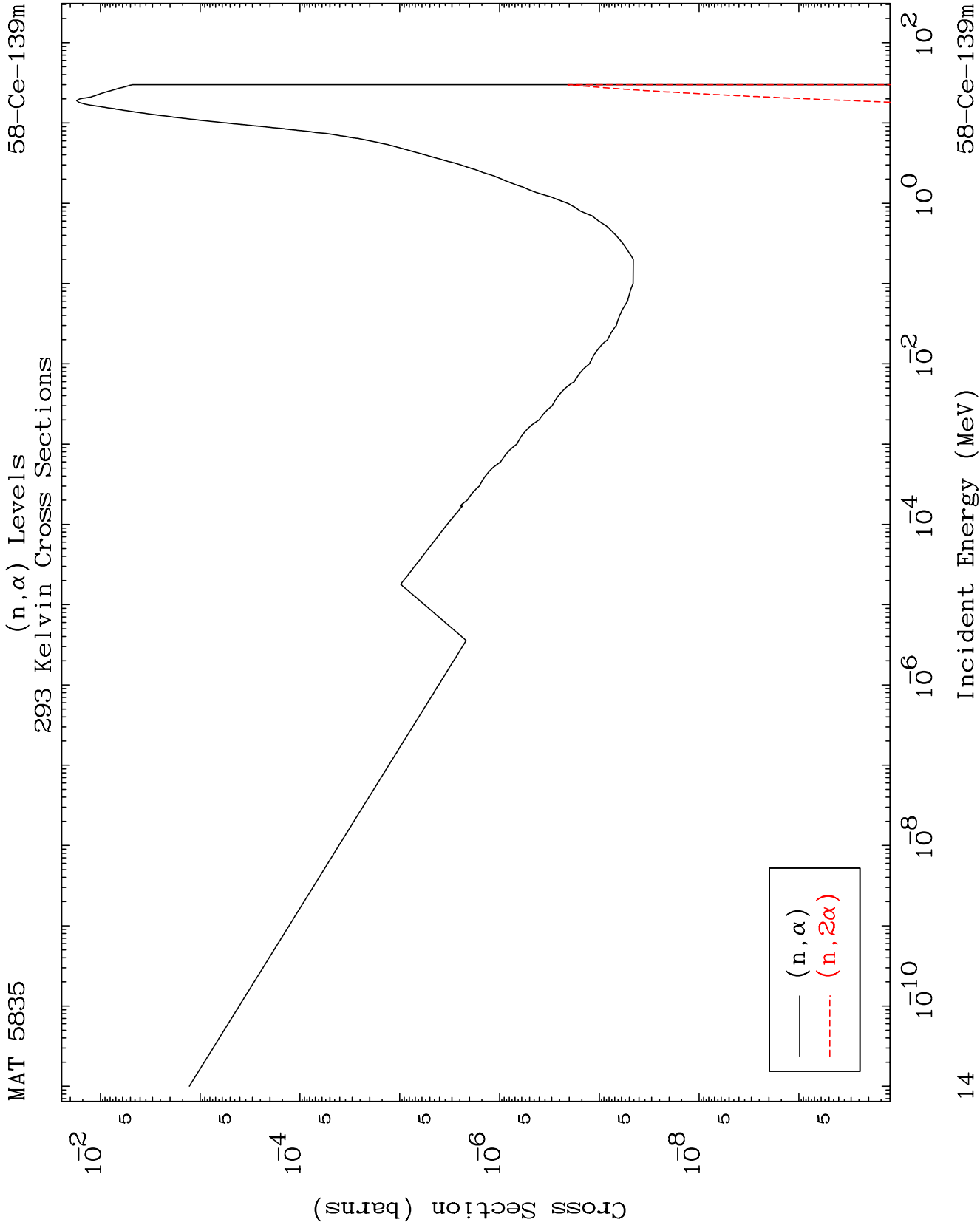
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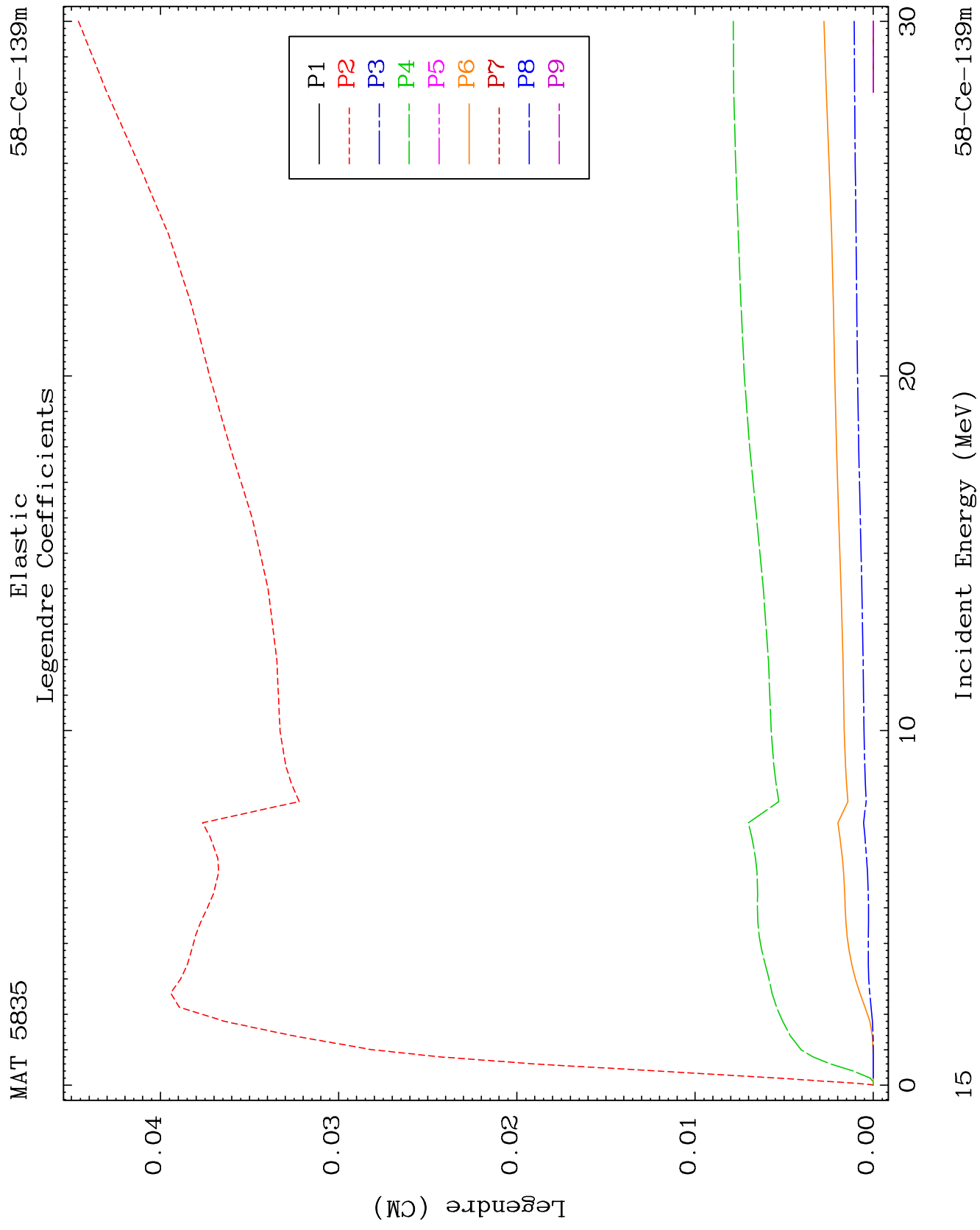


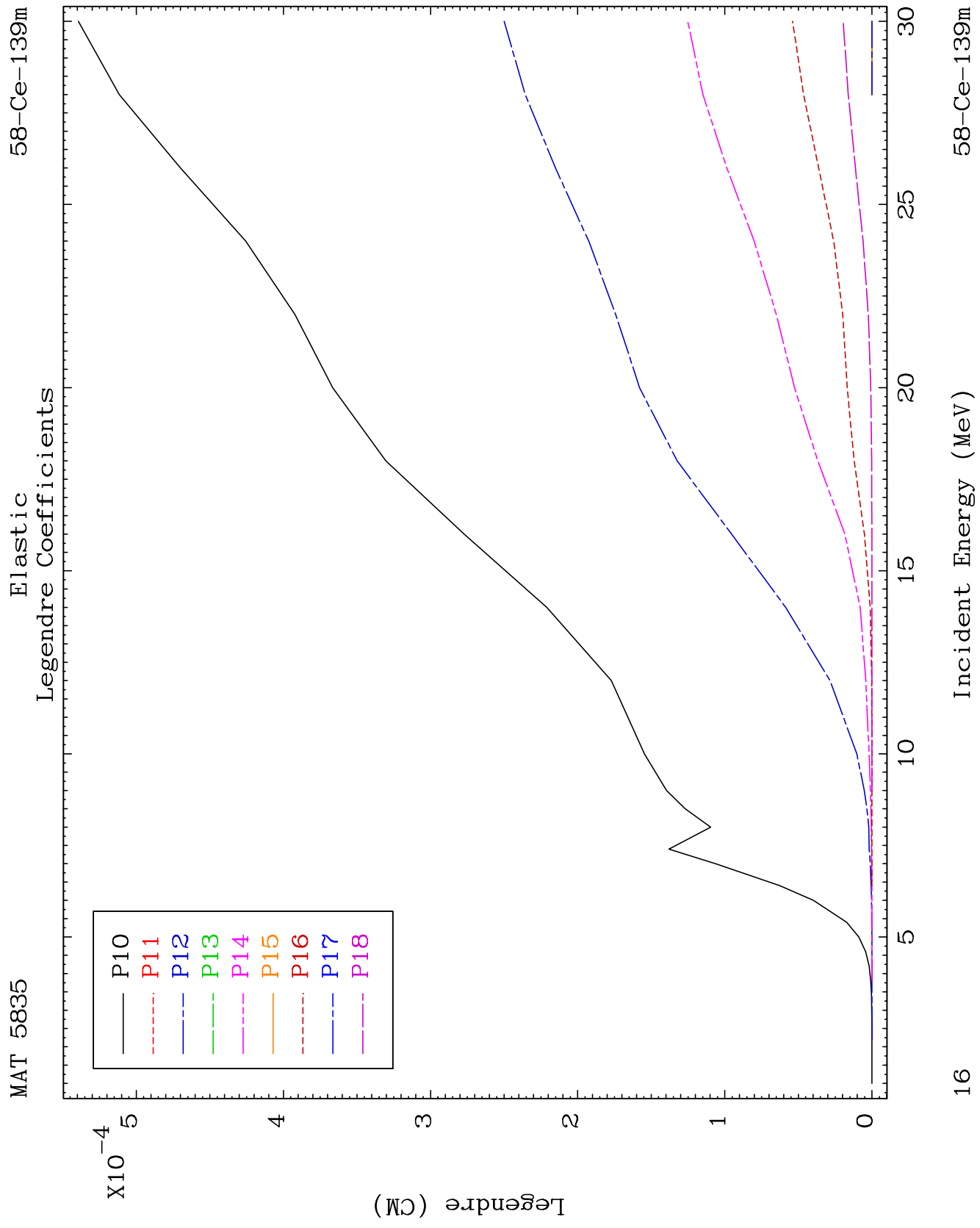
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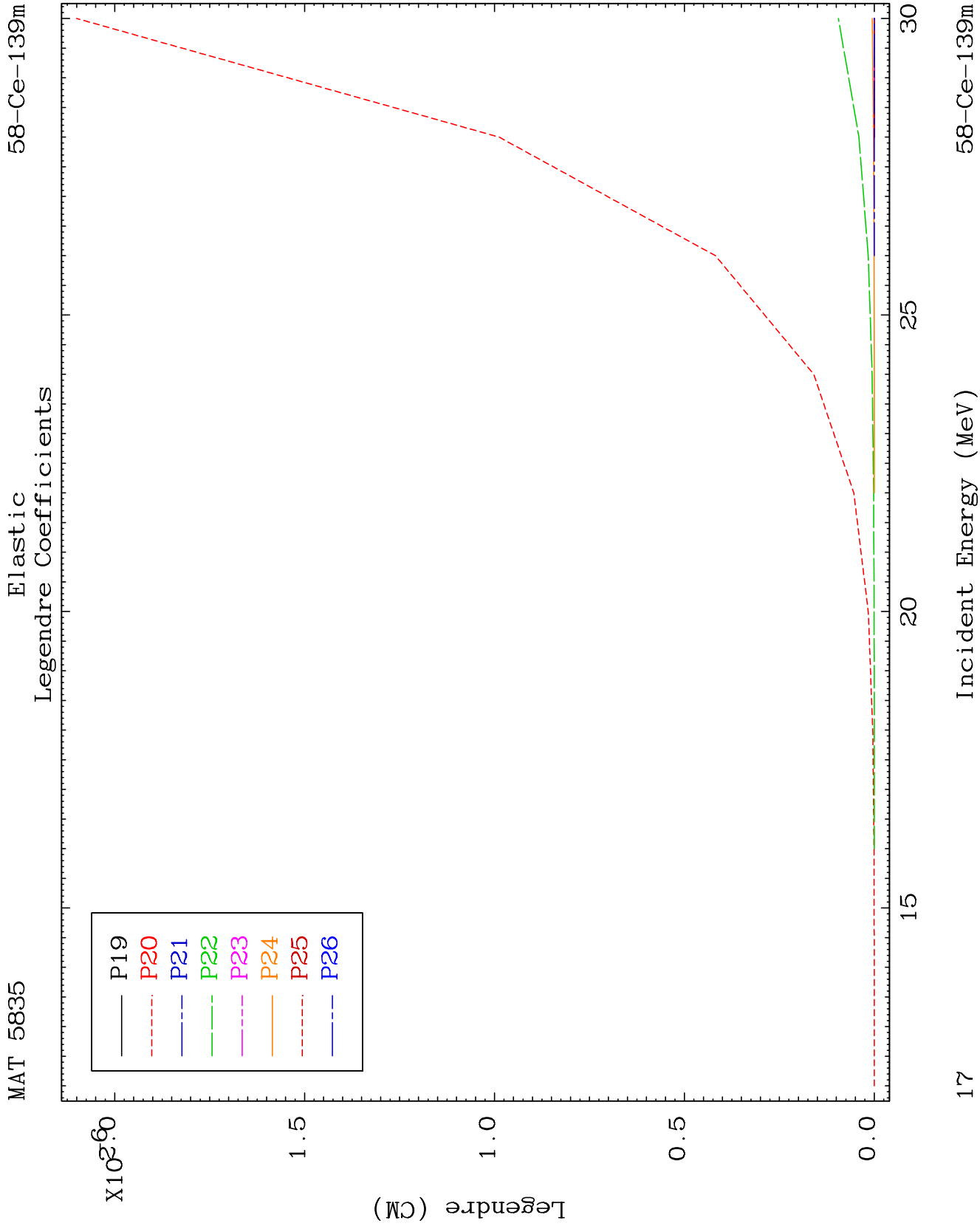
Incident Energy (MeV)

58-Ce-139m





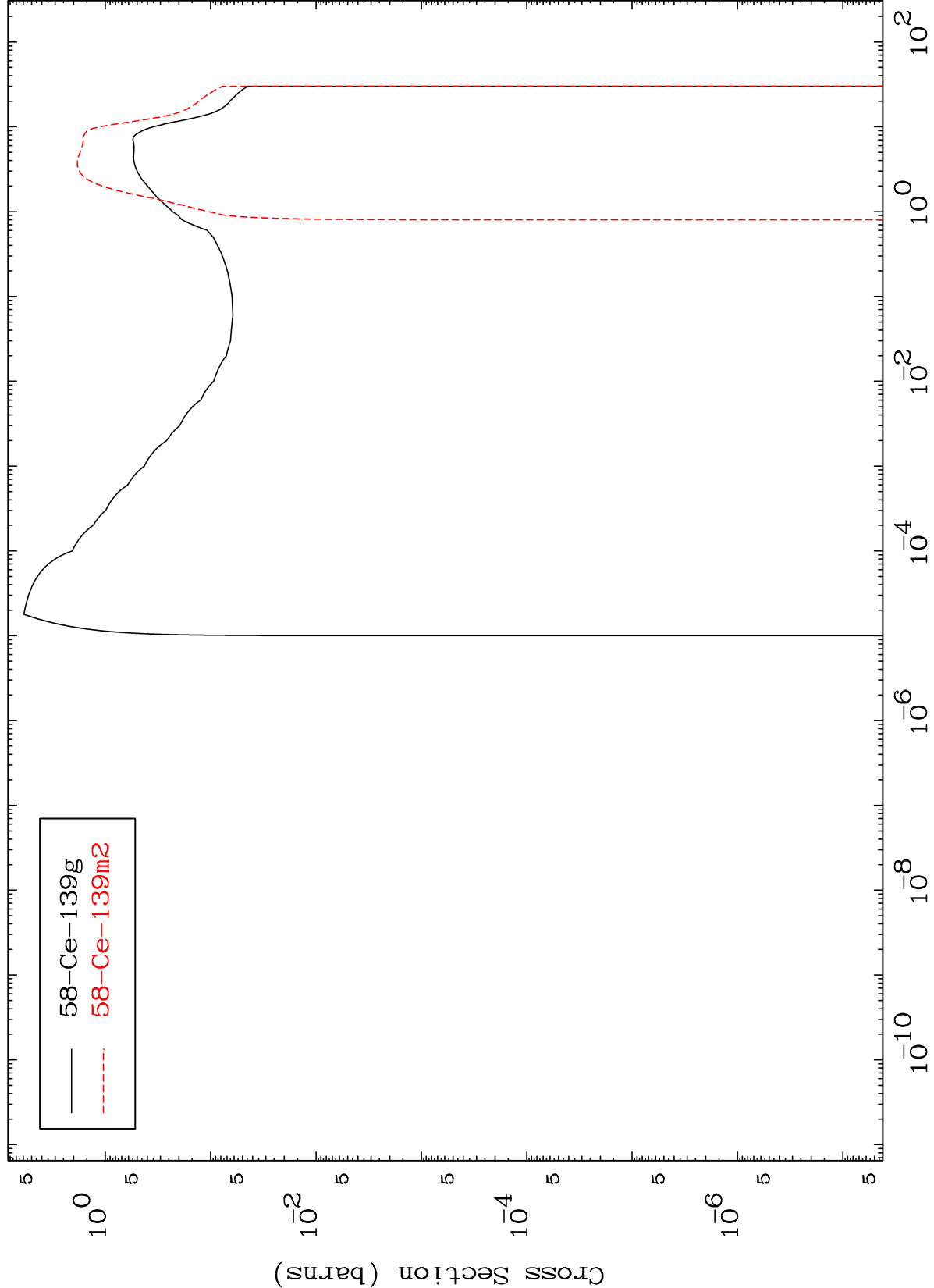


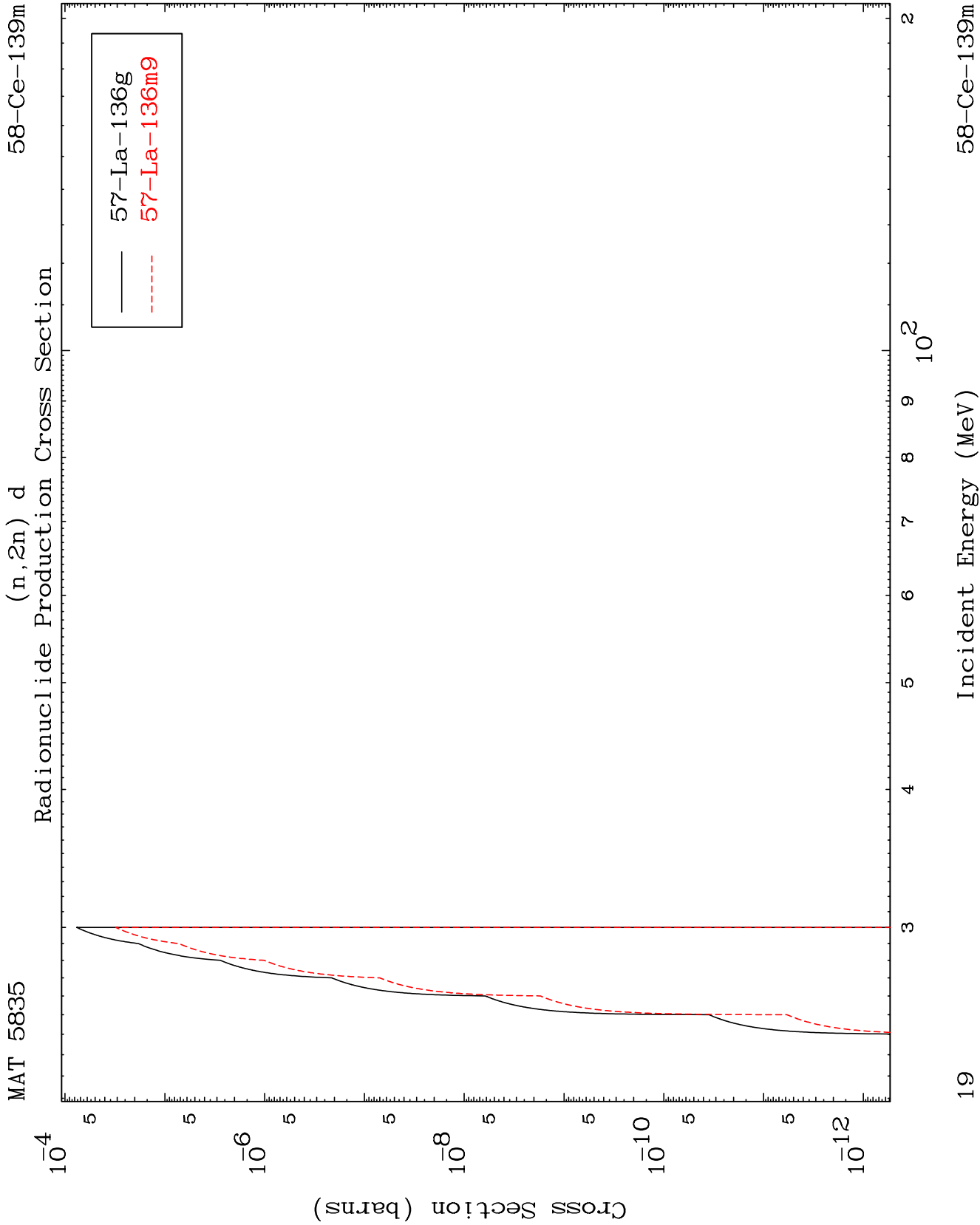


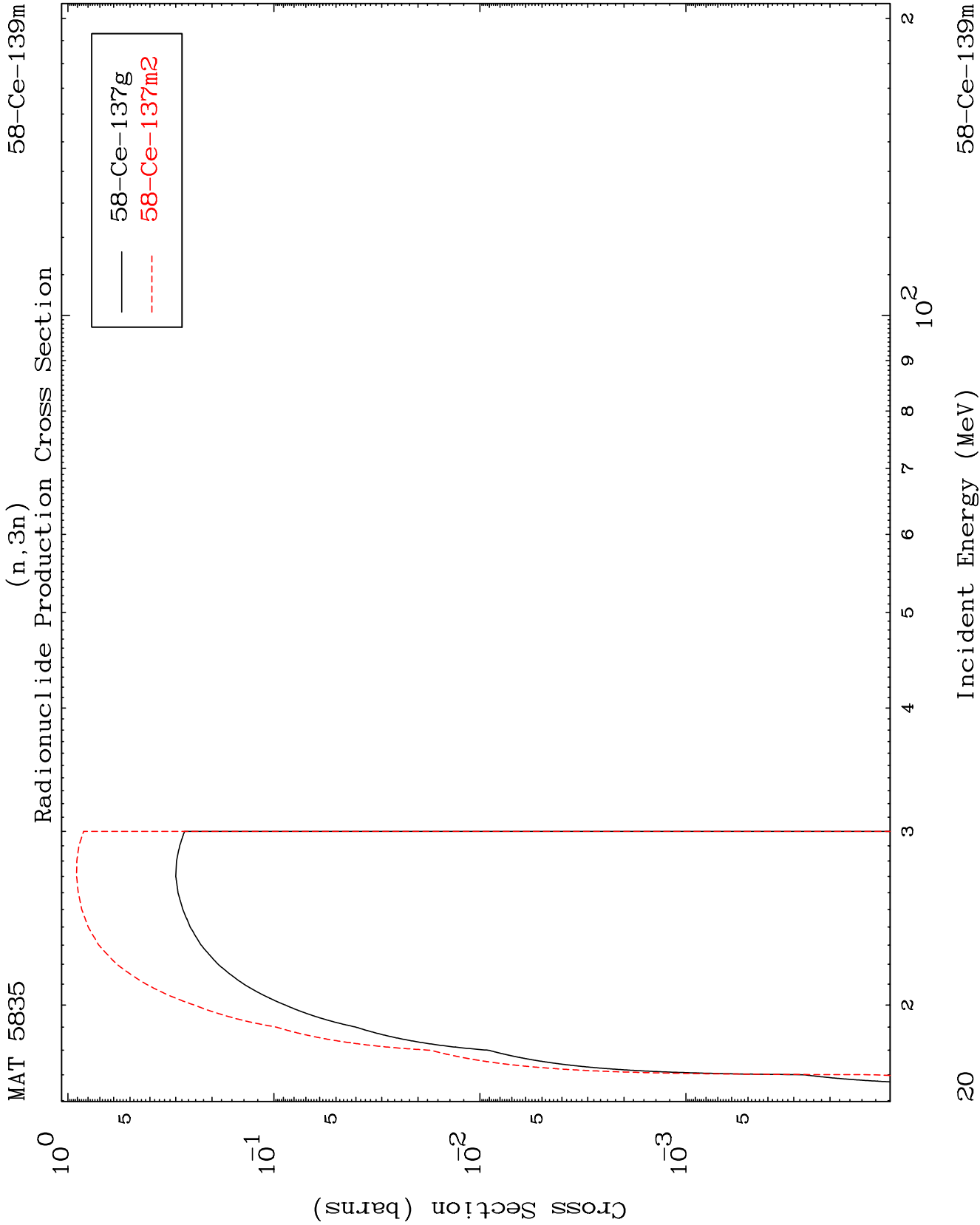
MAT 5835

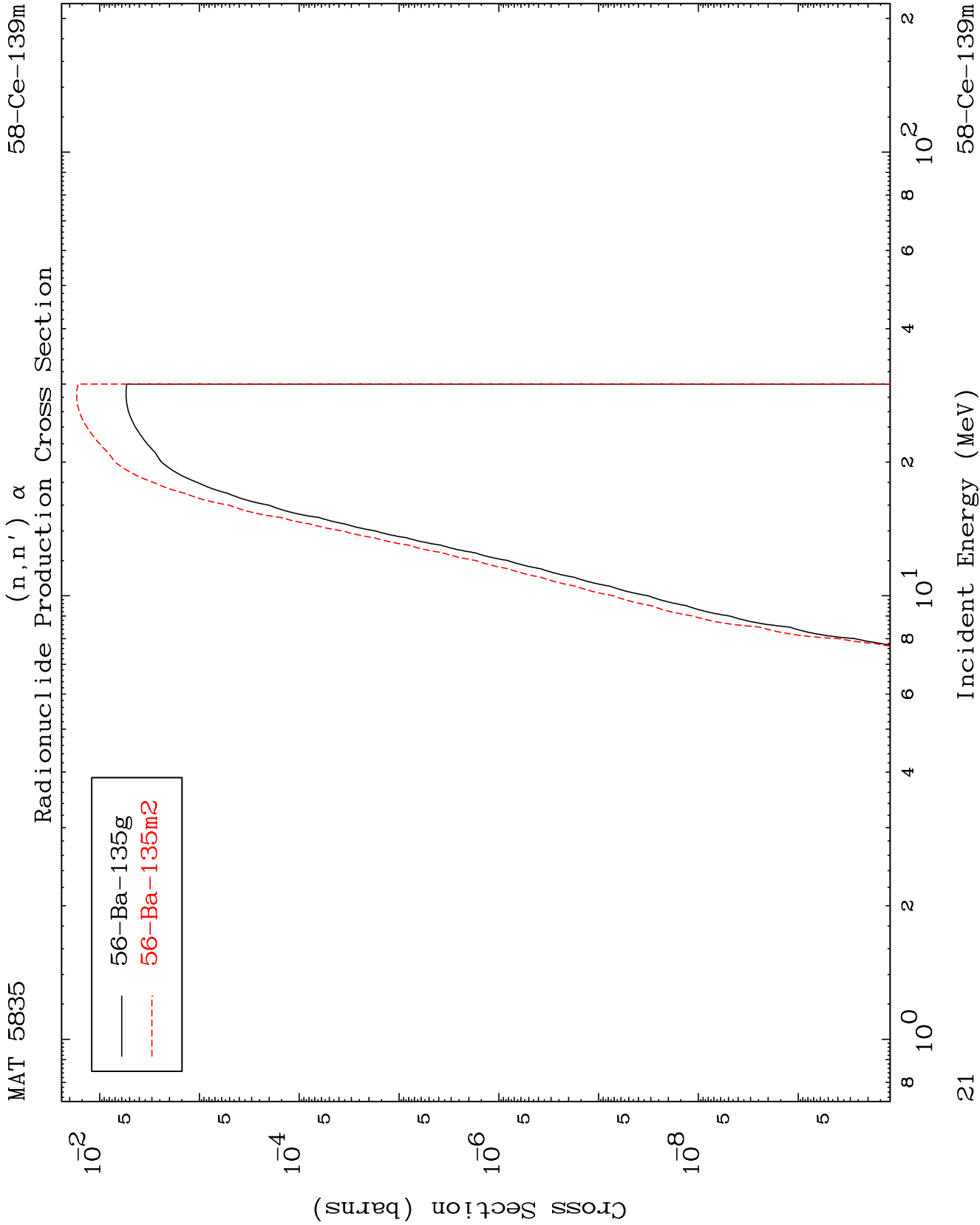
Radionuclide Production Cross Section

58-Ce-139m





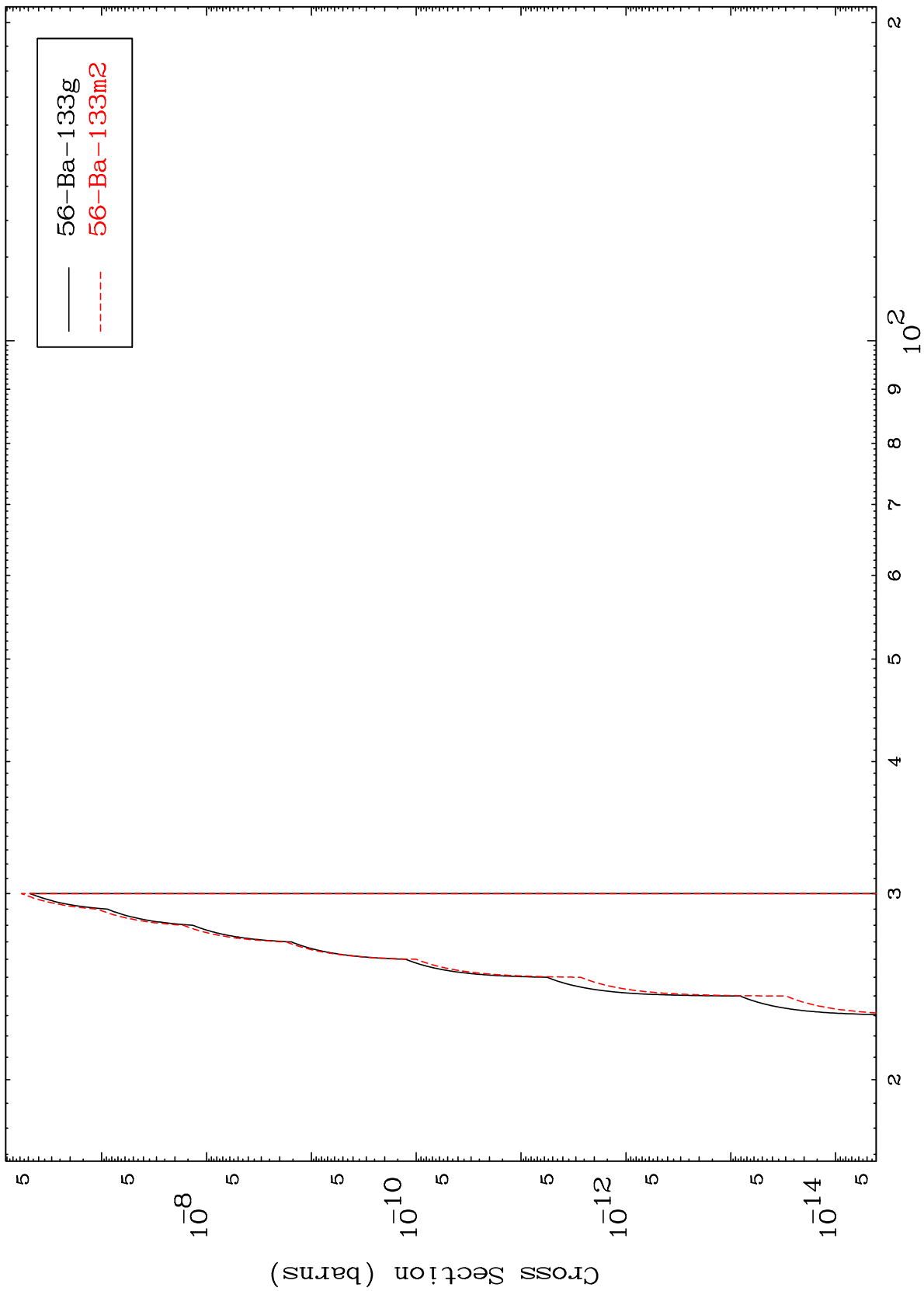




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58-Ce-139m

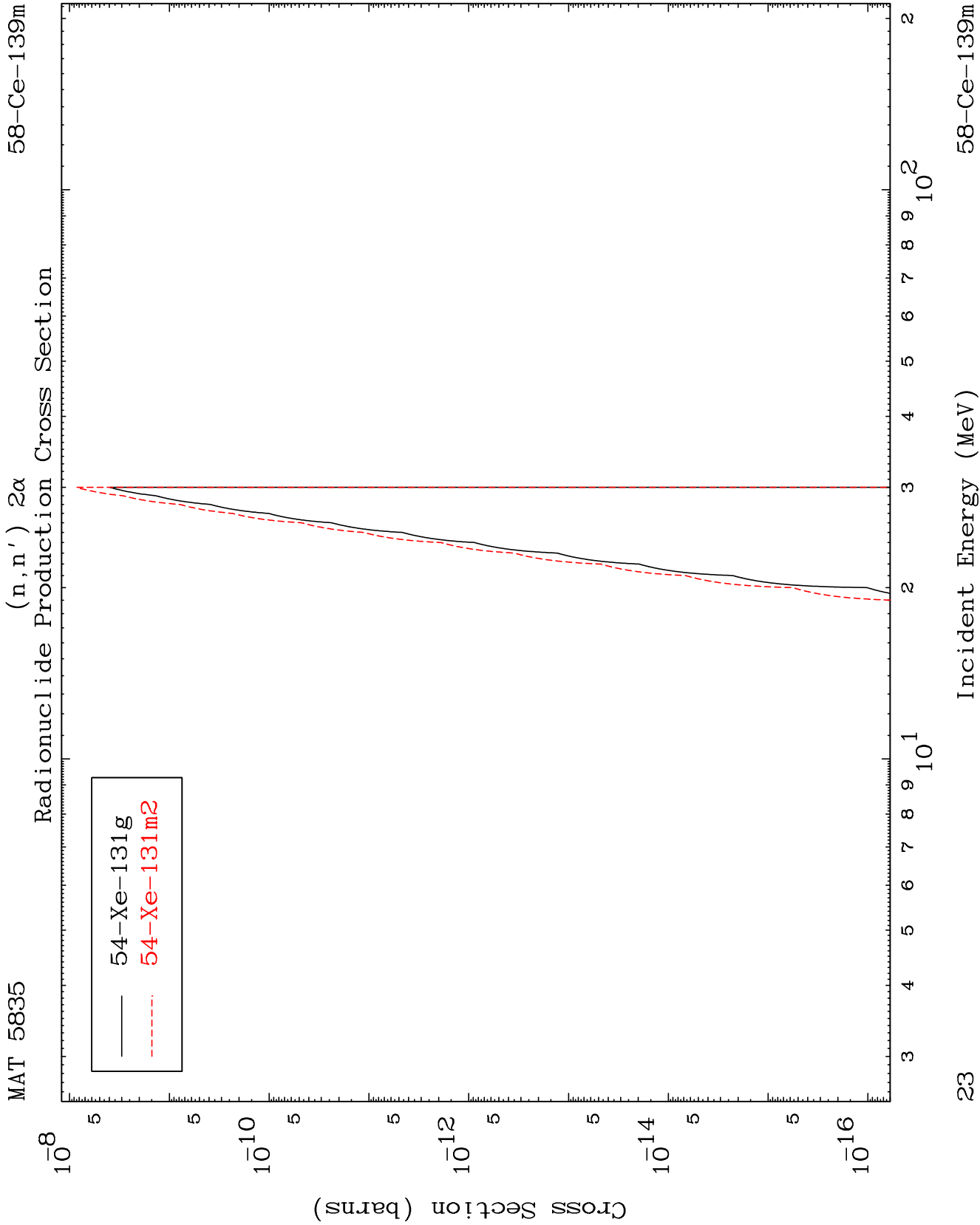
$(n,3n) \alpha$
Radionuclide Production Cross Section

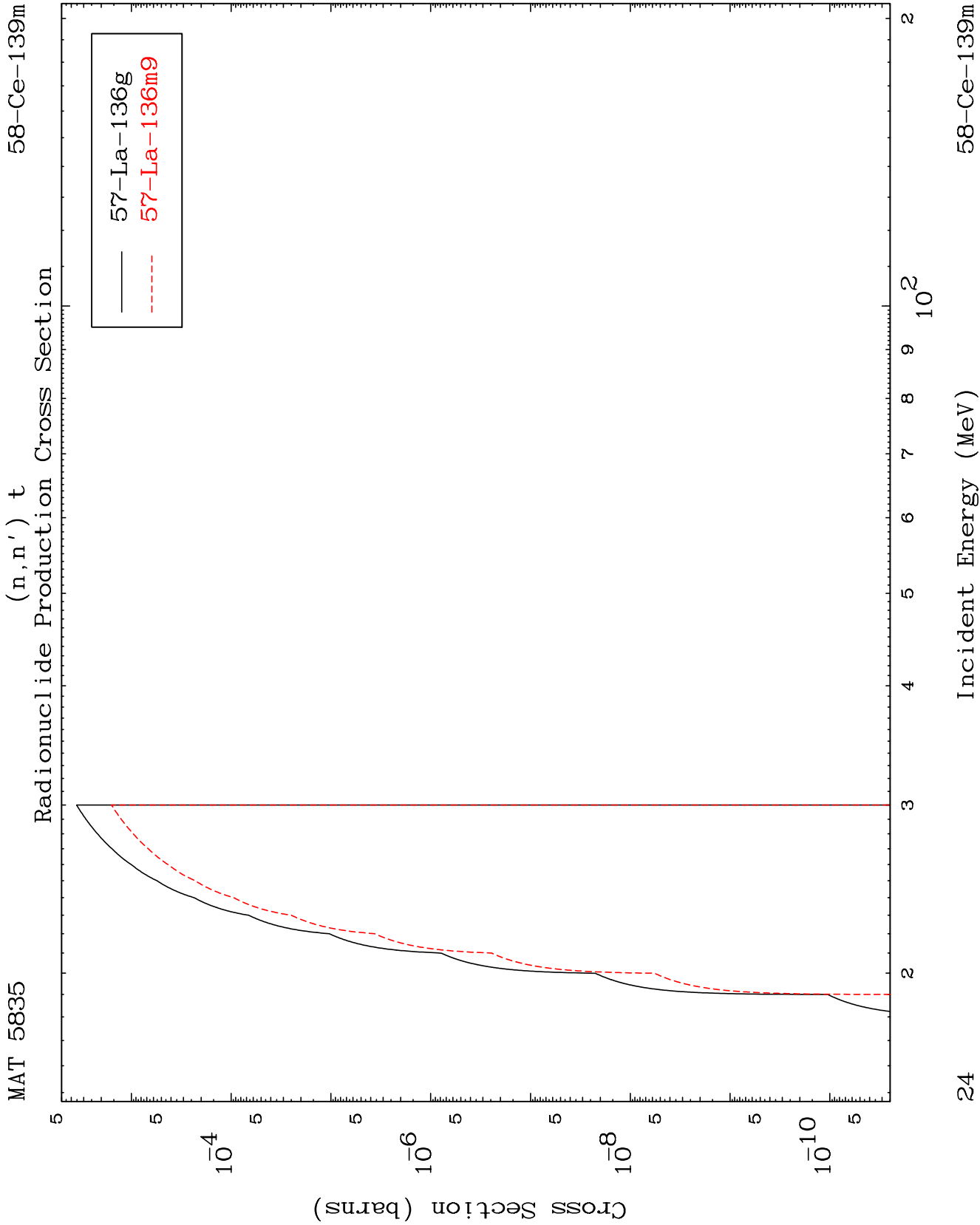


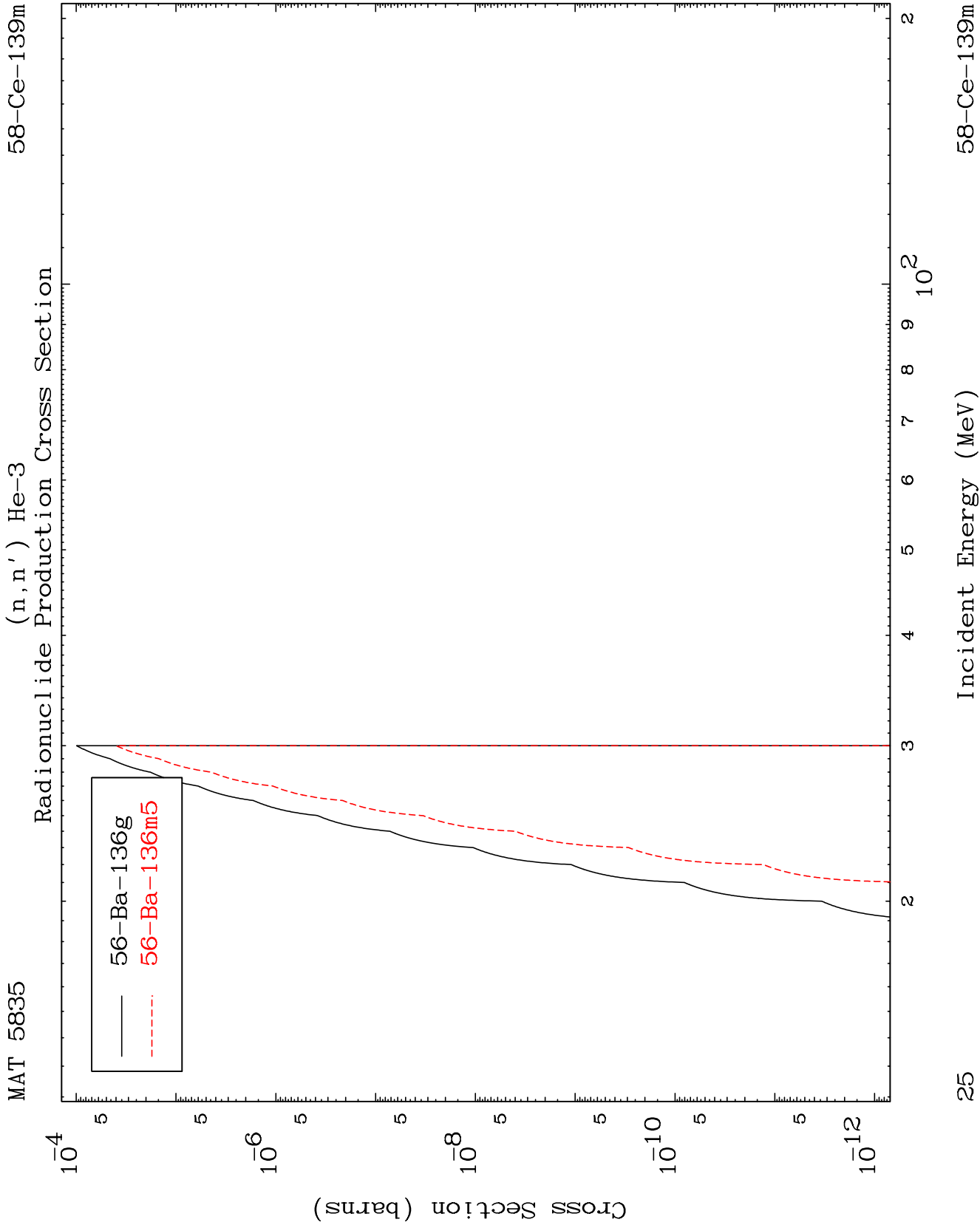
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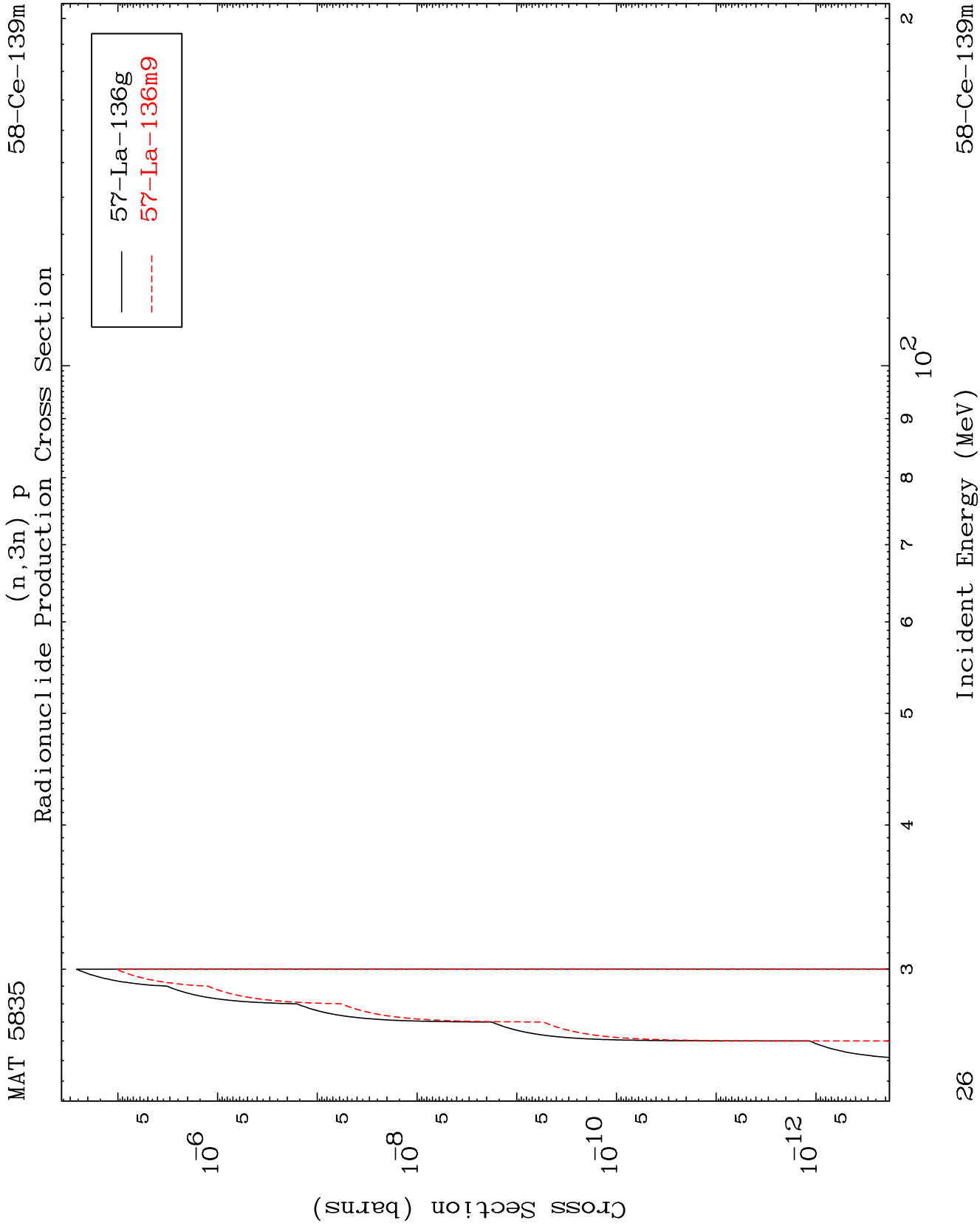
Incident Energy (MeV)

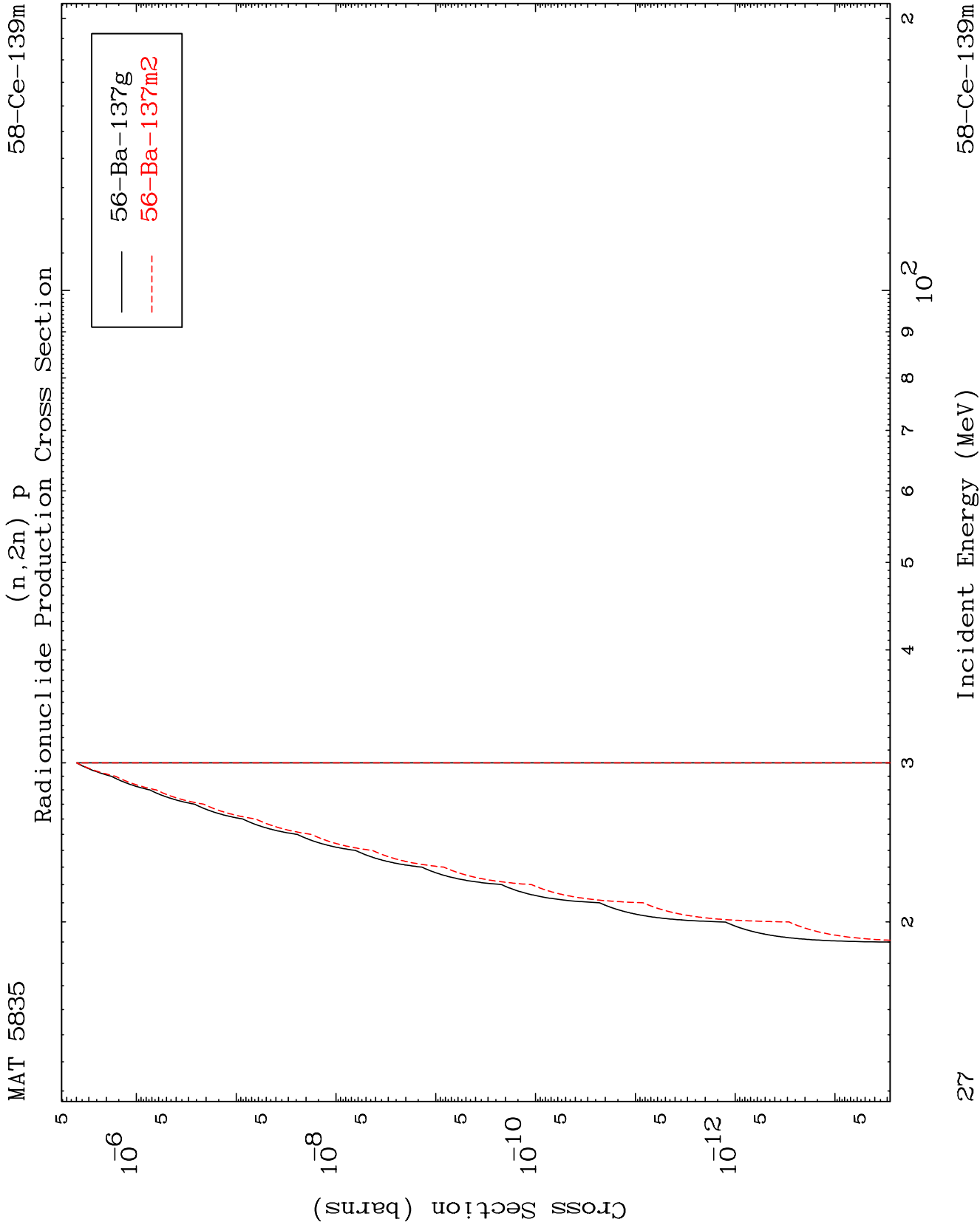
58-Ce-139m







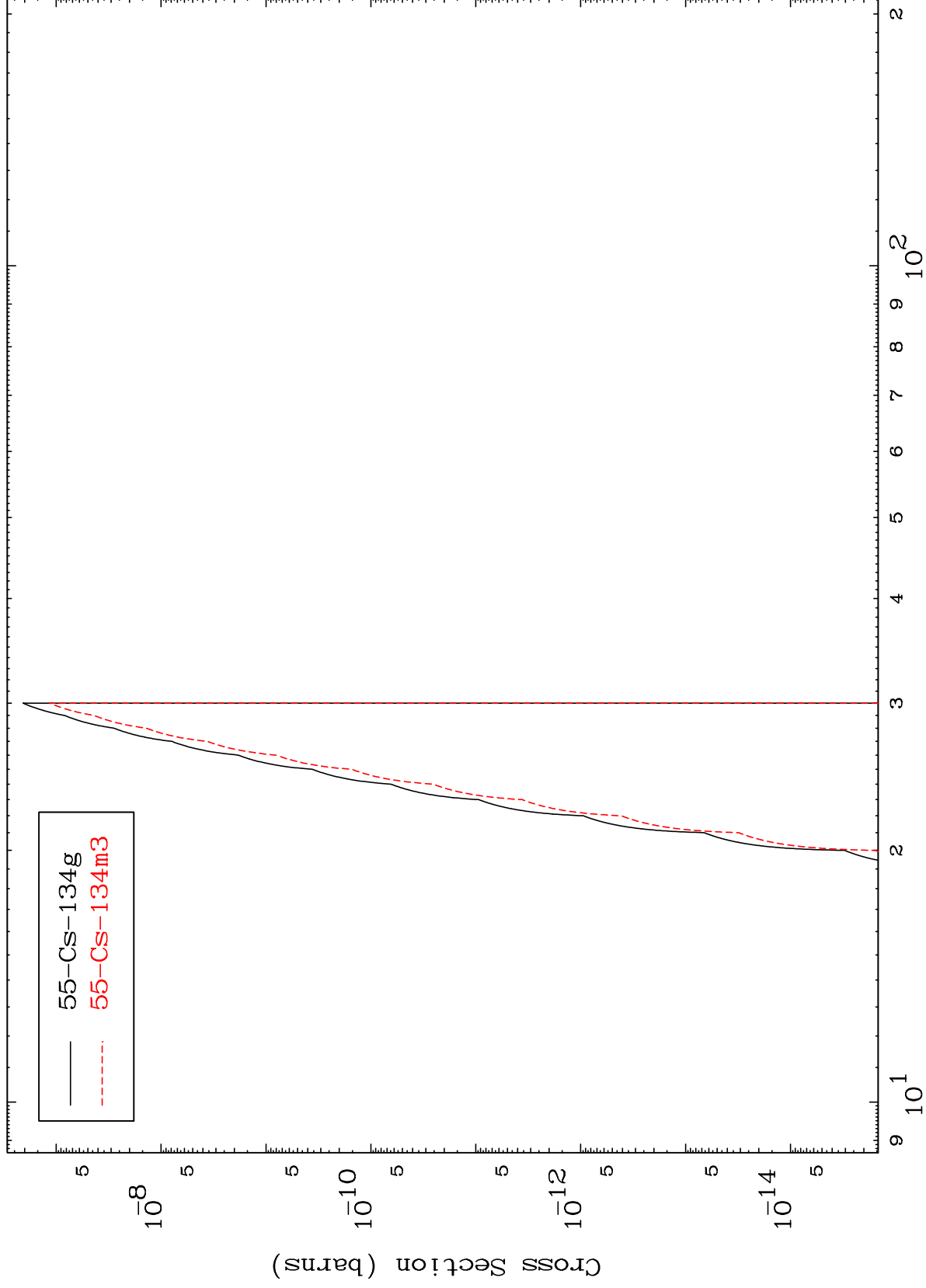




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58-Ce-139m

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



58-Ce-139m

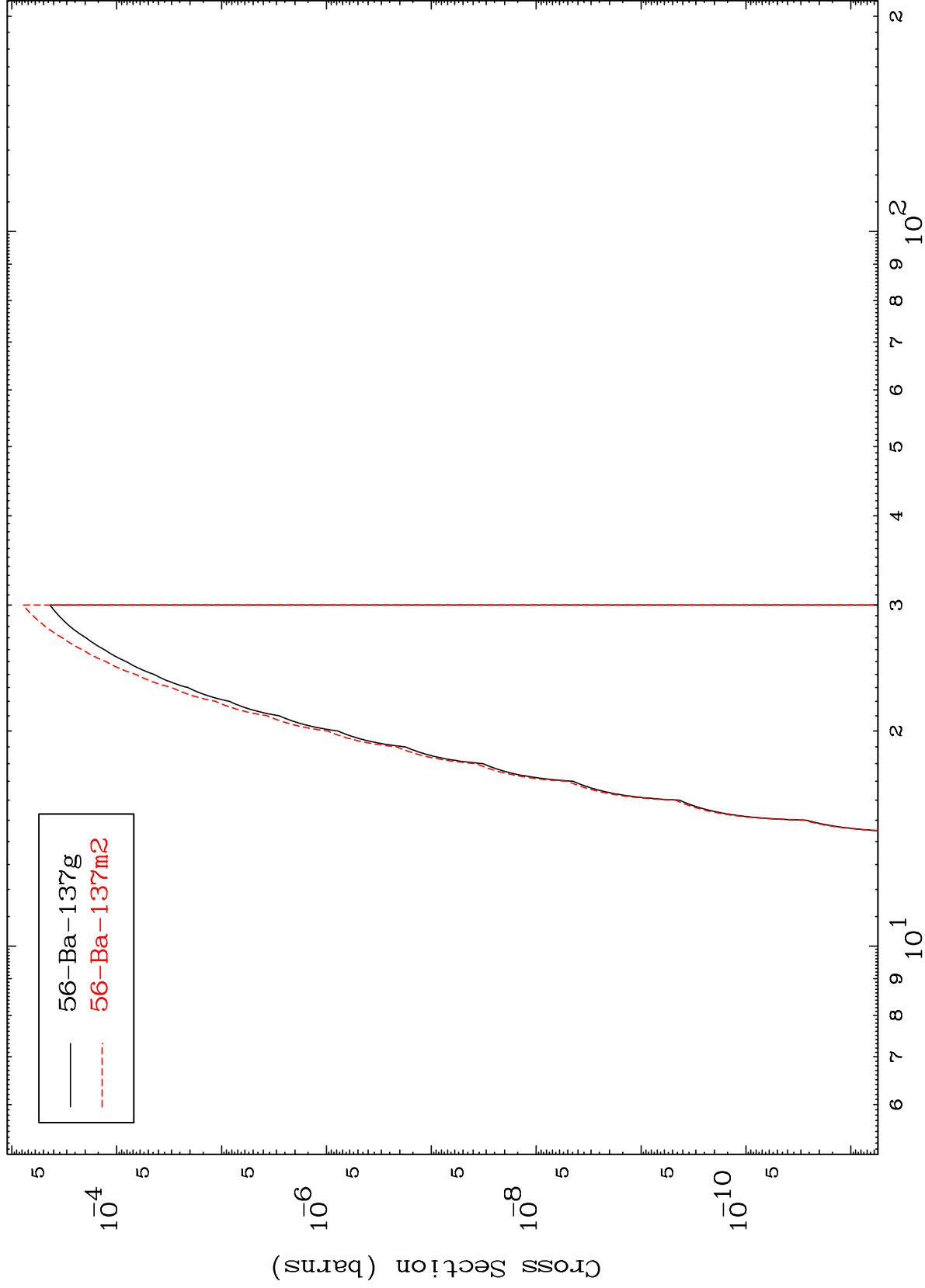
Incident Energy (MeV)

28

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58-Ce-139m

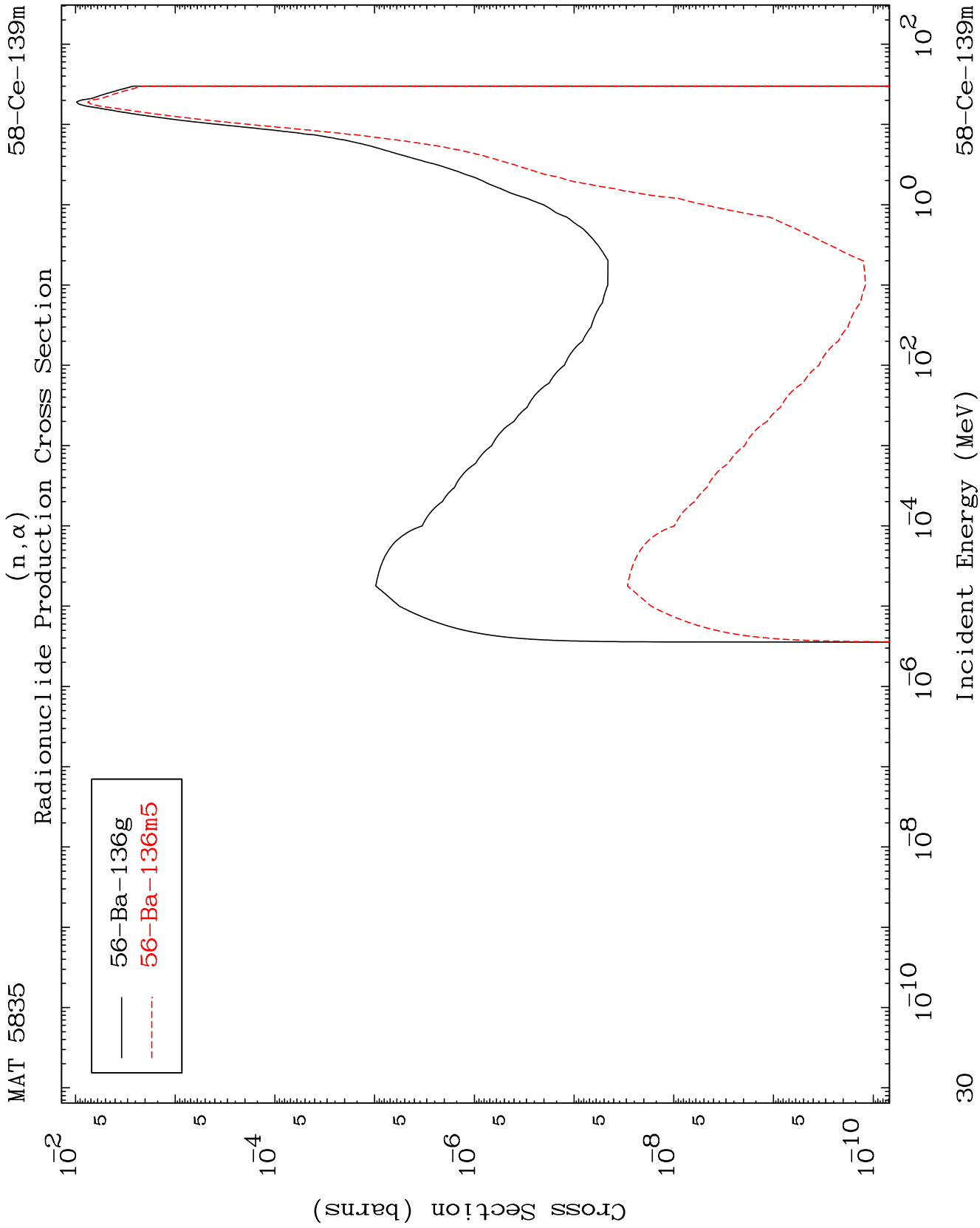
Radionuclide Production Cross Section



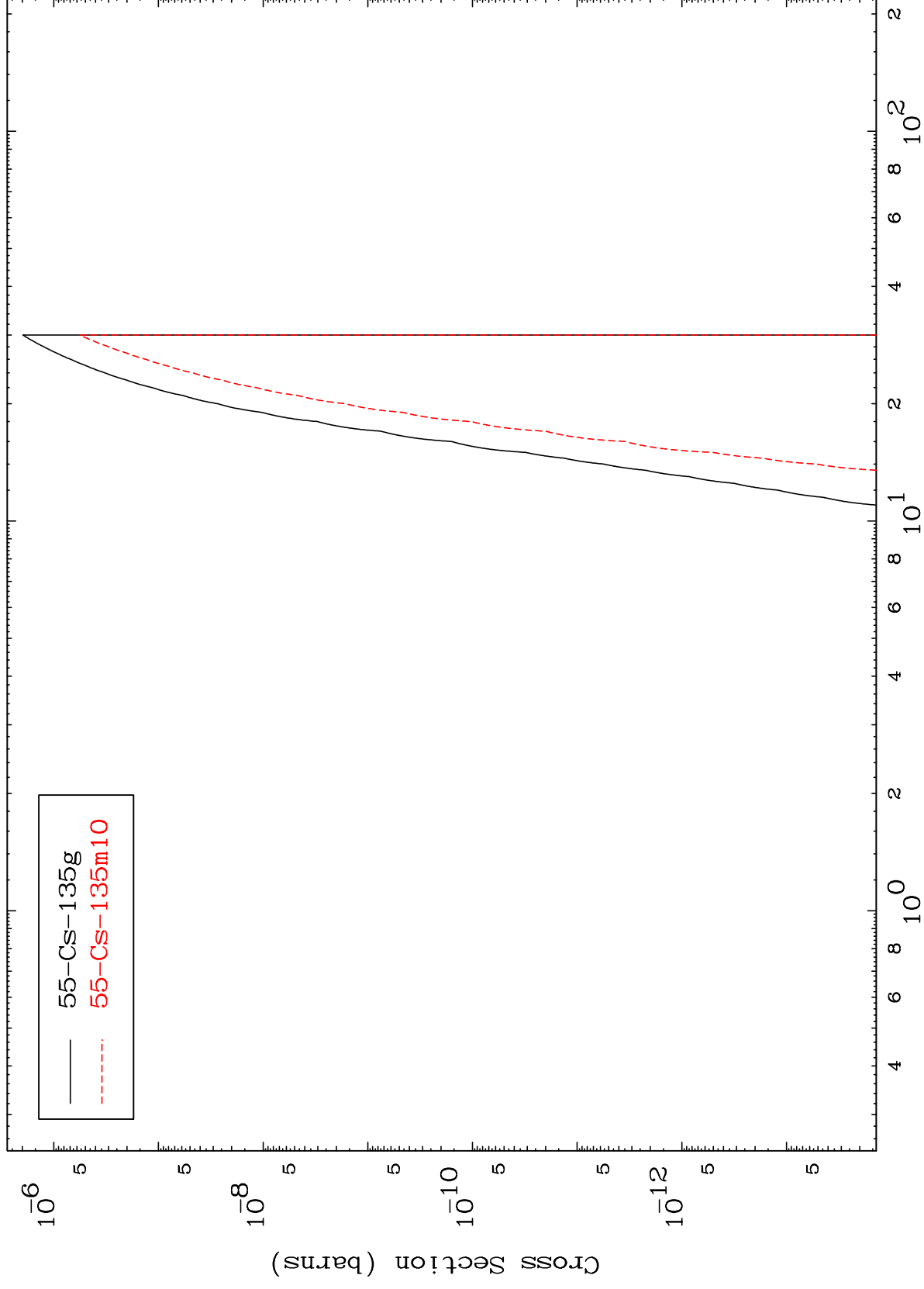
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Incident Energy (MeV)

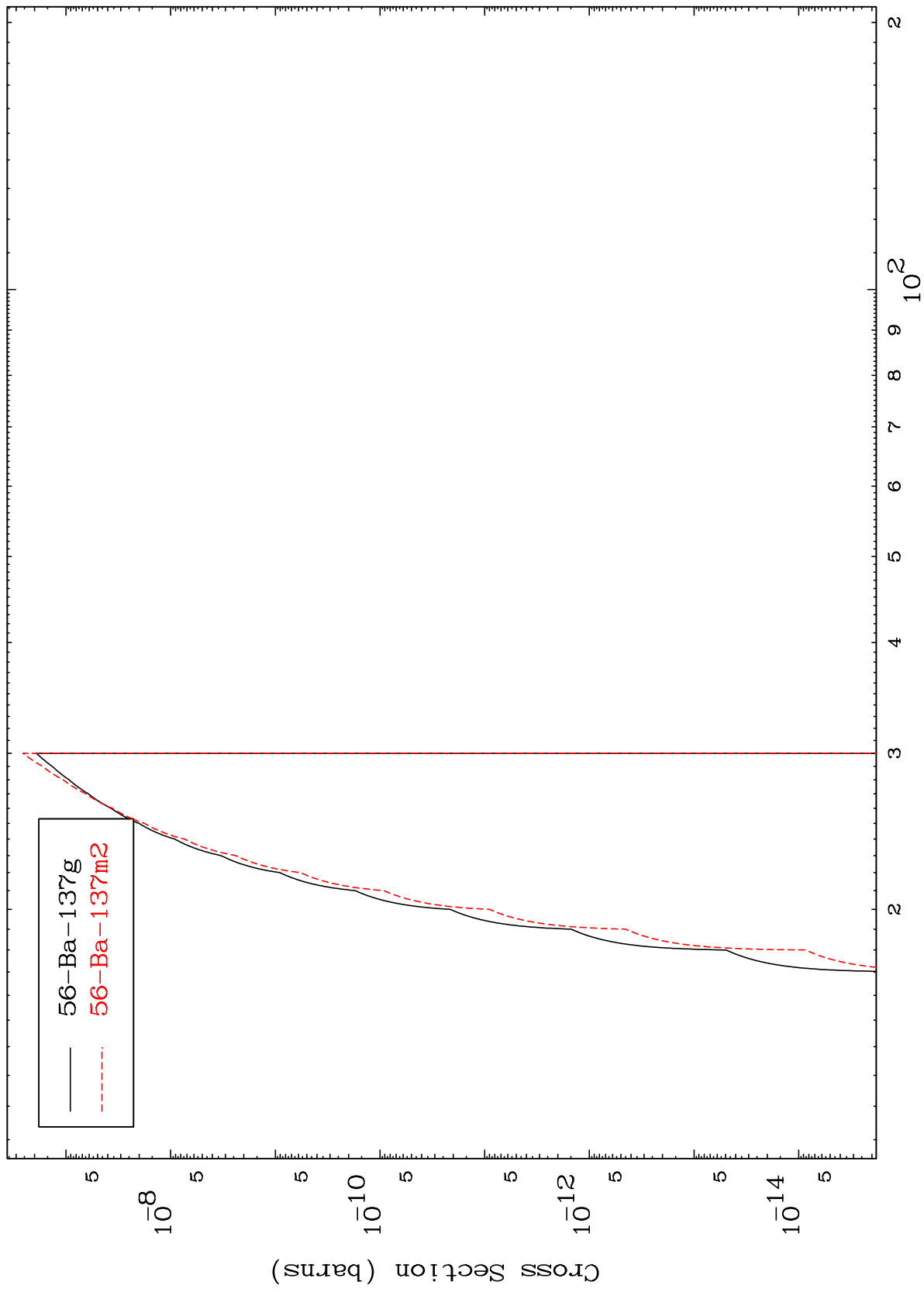
58-Ce-139m



Radionuclide Production Cross Section



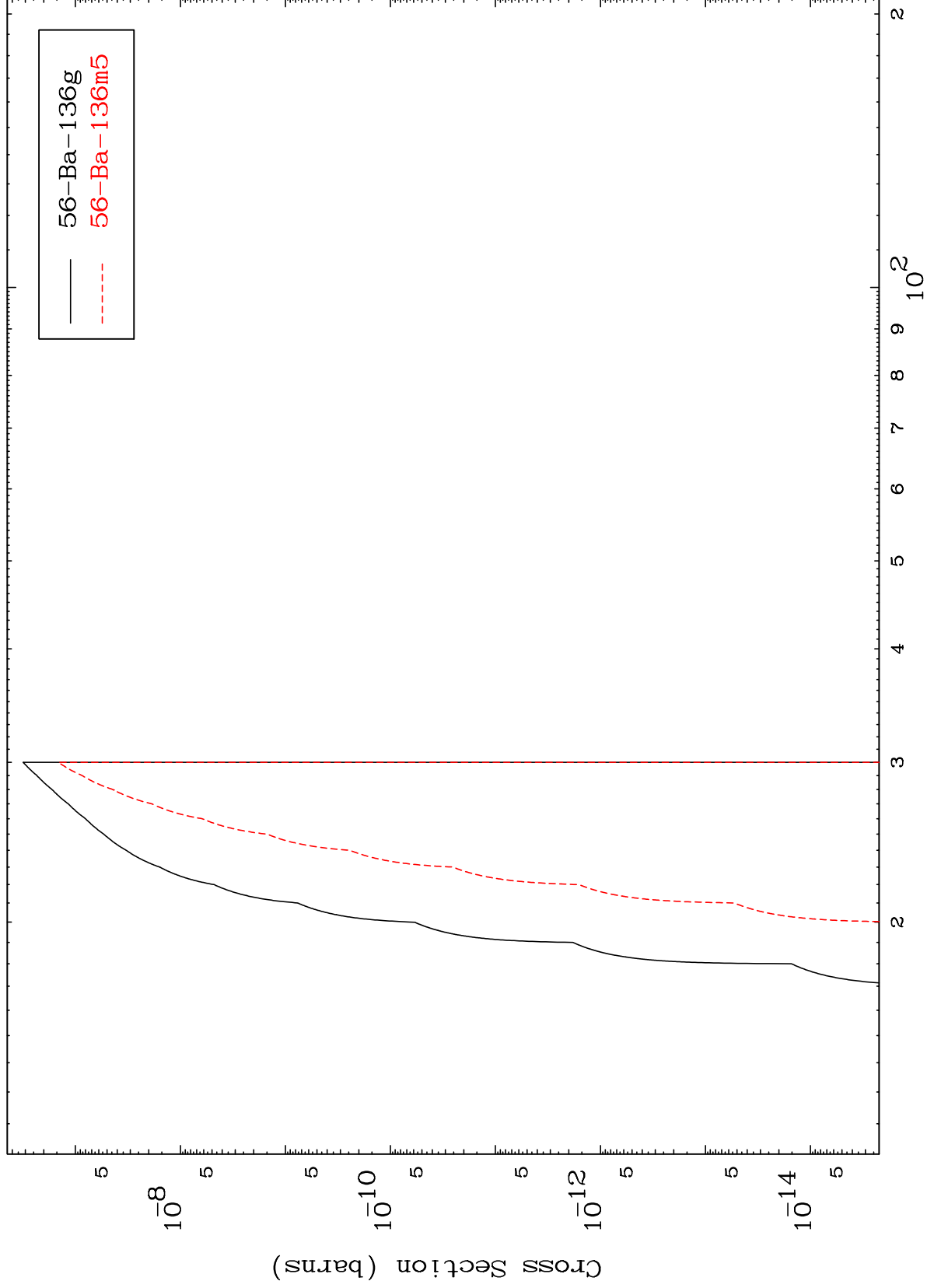
(n,p) d
Radionuclide Production Cross Section



MAT 5835

58-Ce-139m

(n,p) t
Radionuclide Production Cross Section



33

Incident Energy (MeV)

58-Ce-139m

