

Program EVALPLOT
(Version 2021-1)

by

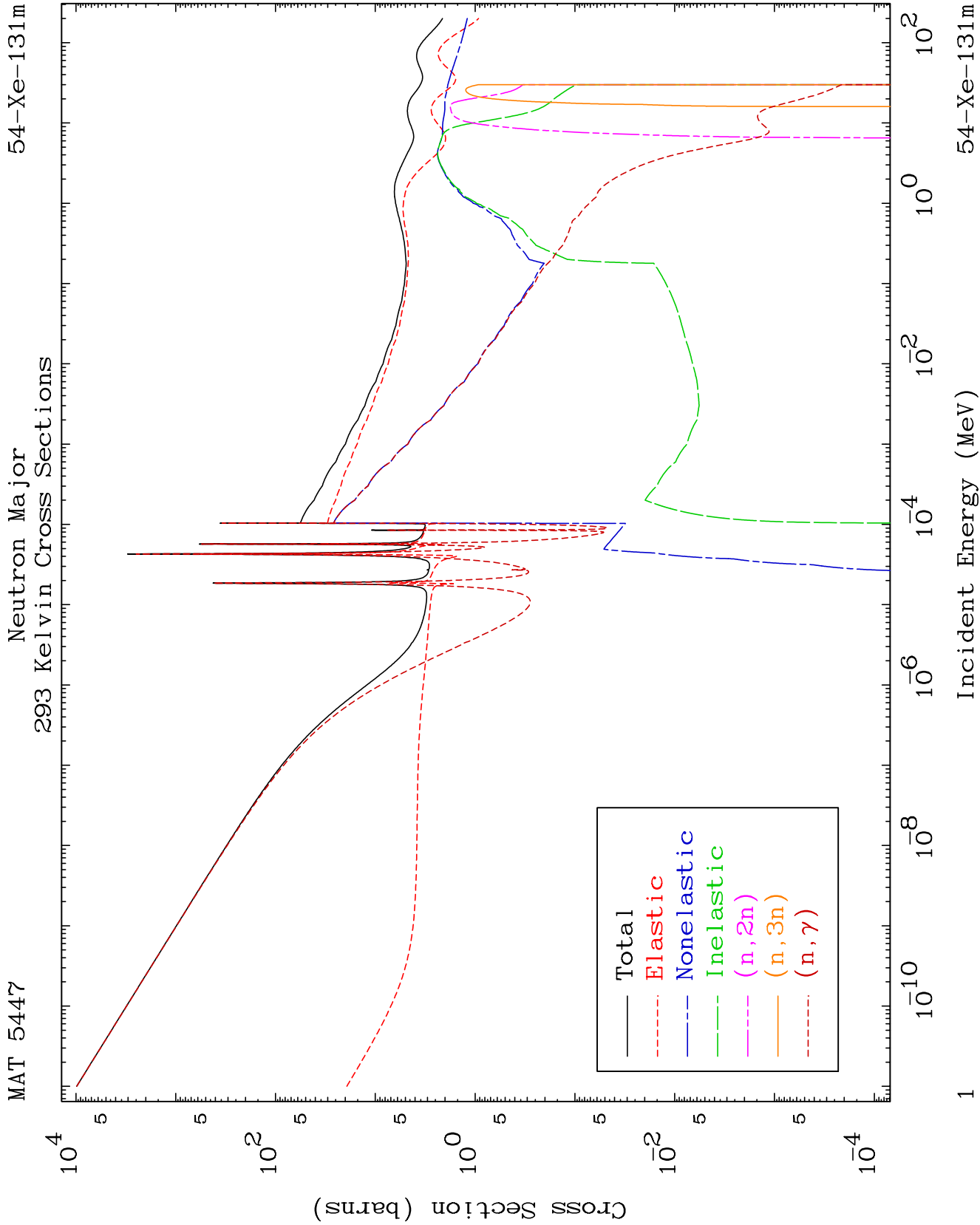
Dermott E. Cullen
(Present Contact Information)

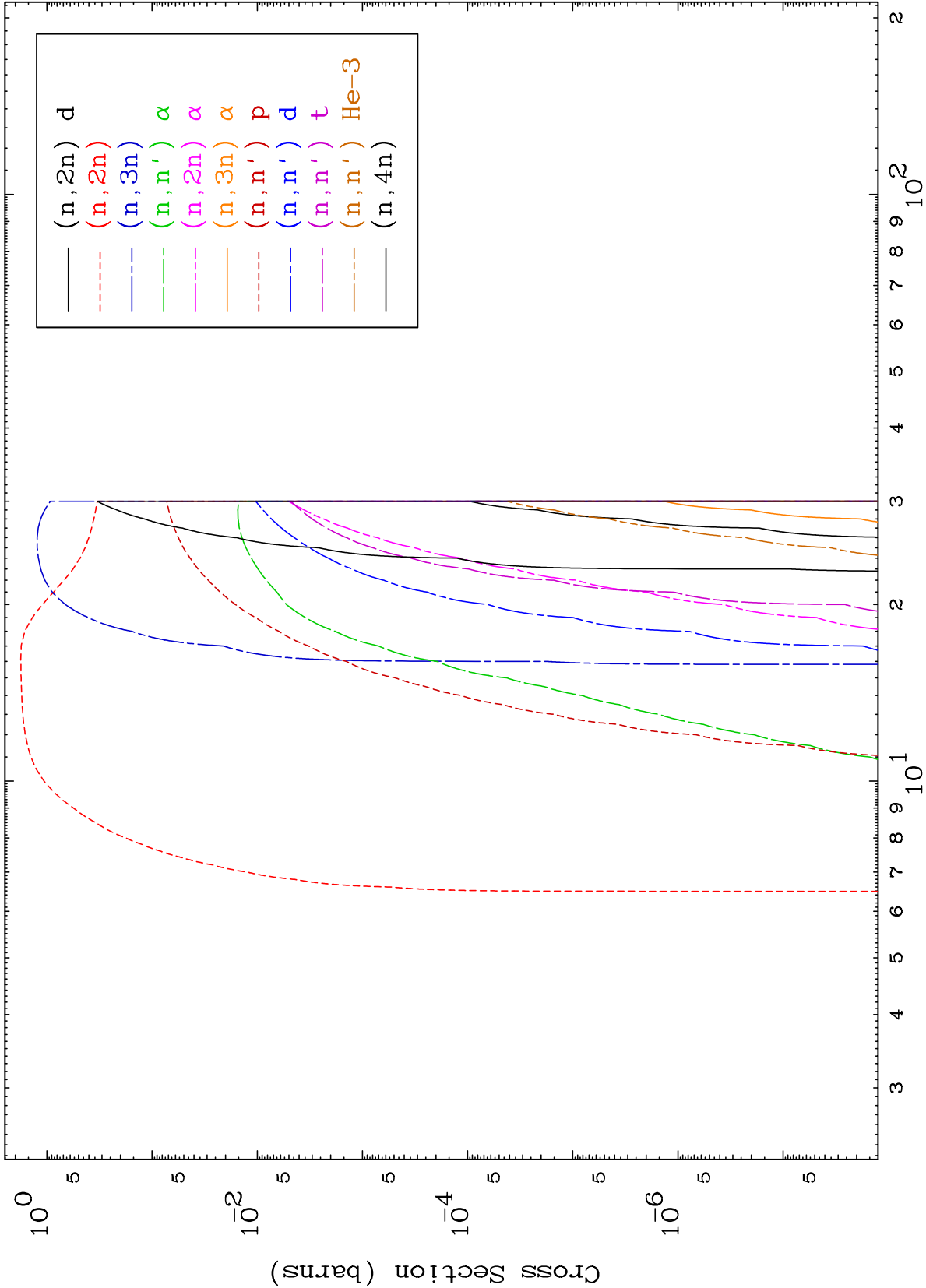
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

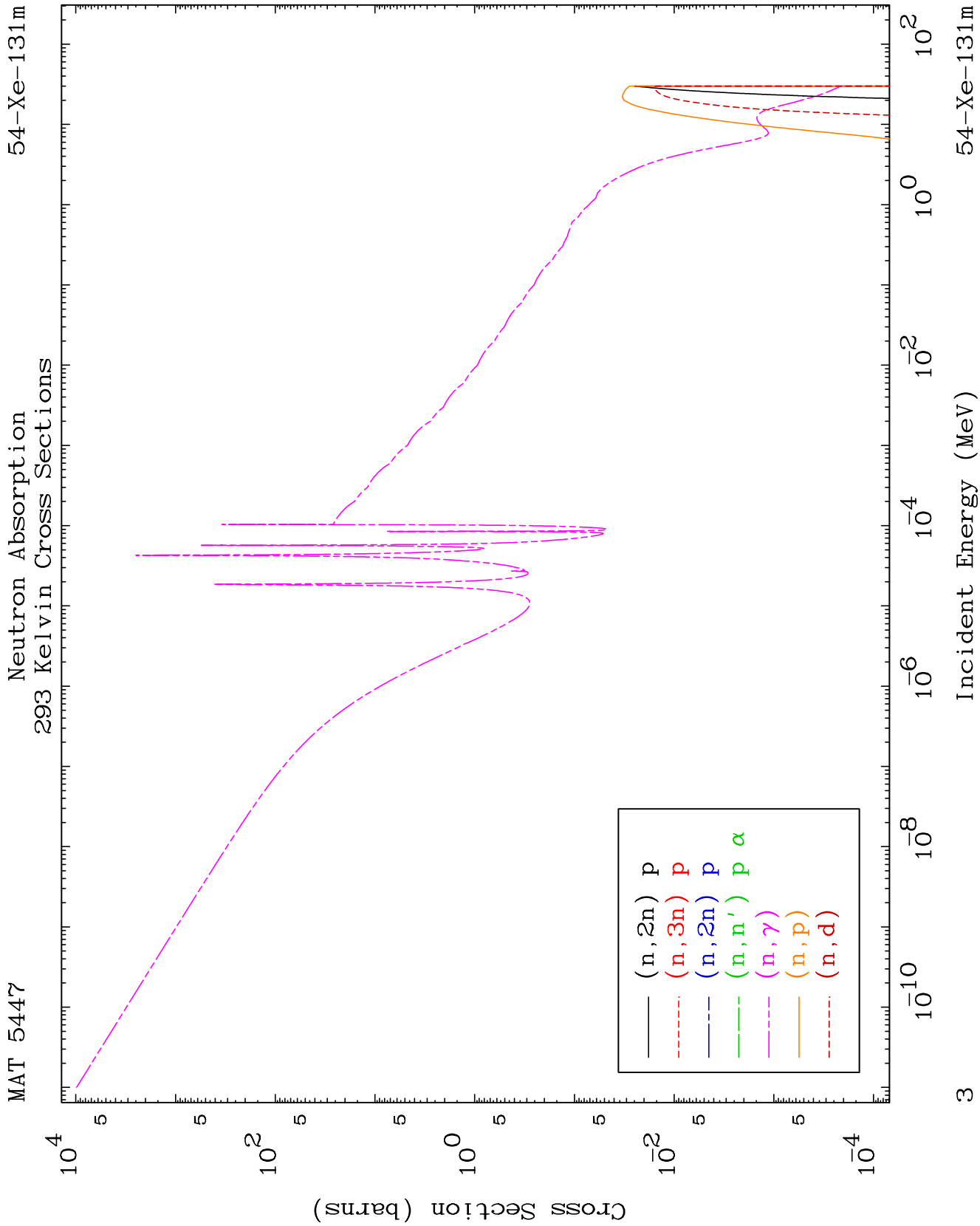
Tele: 925-443-1911

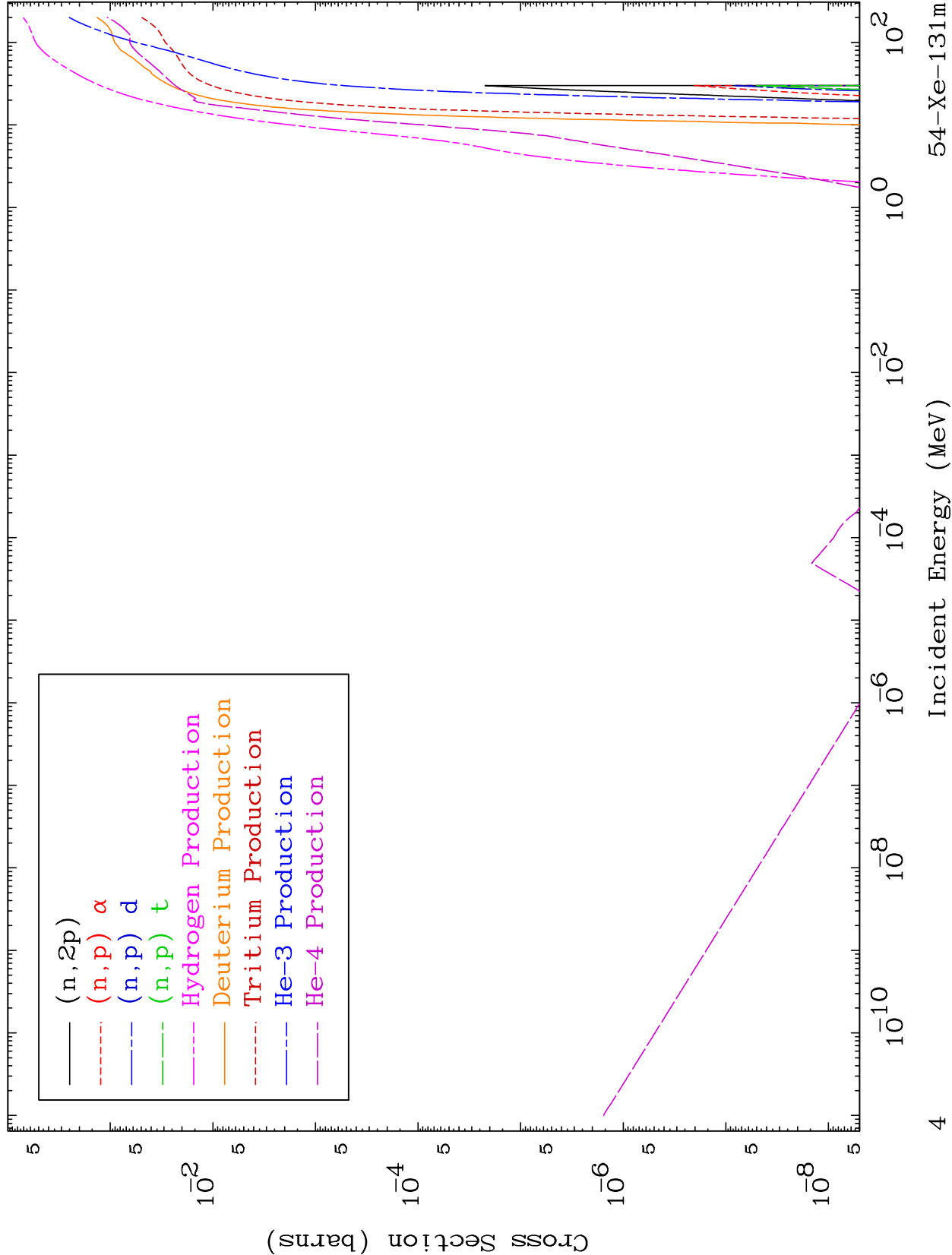
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





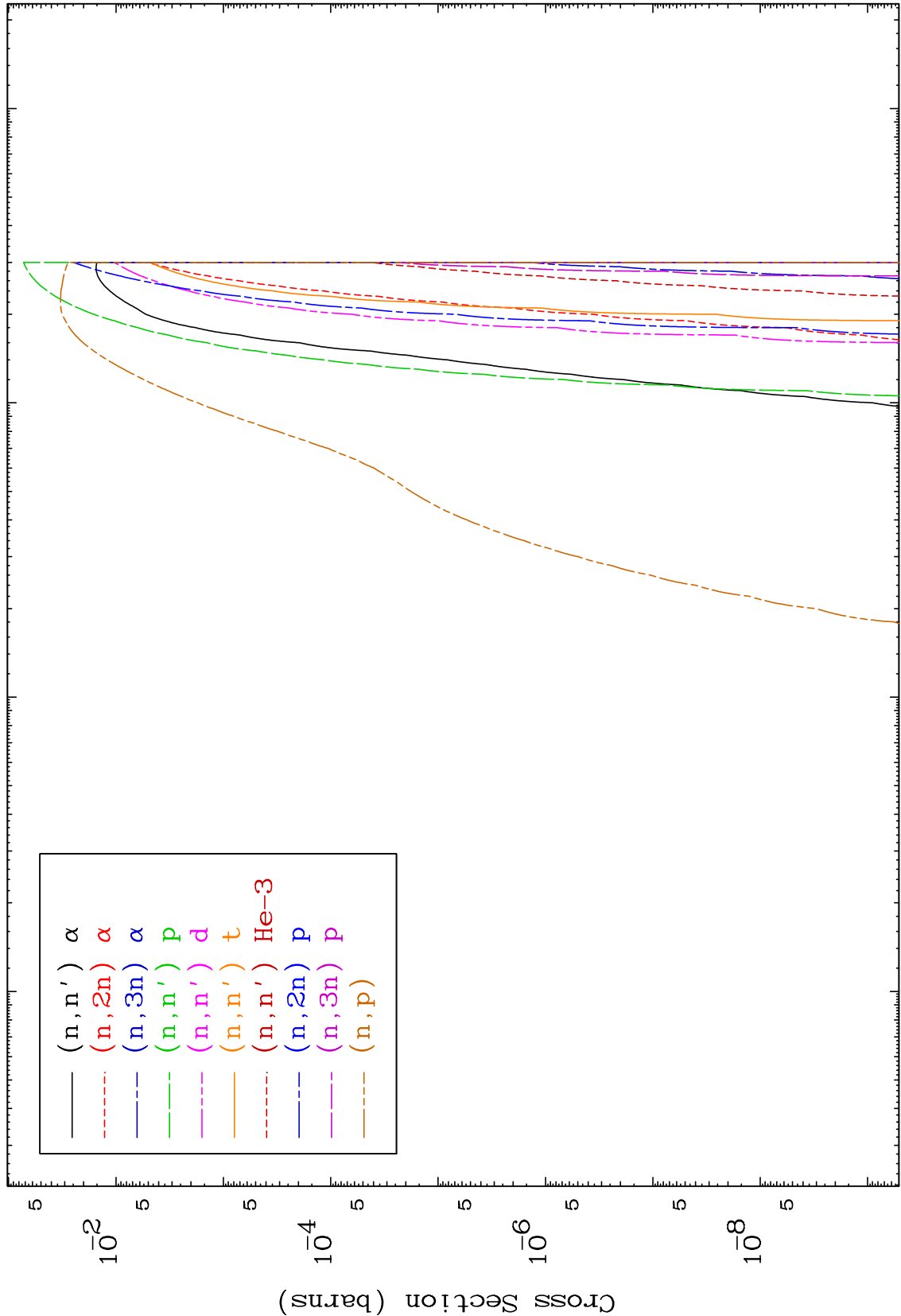




MAT 5447

Charged Particle
293 Kelvin Cross Sections

54-Xe-131m



54-Xe-131m

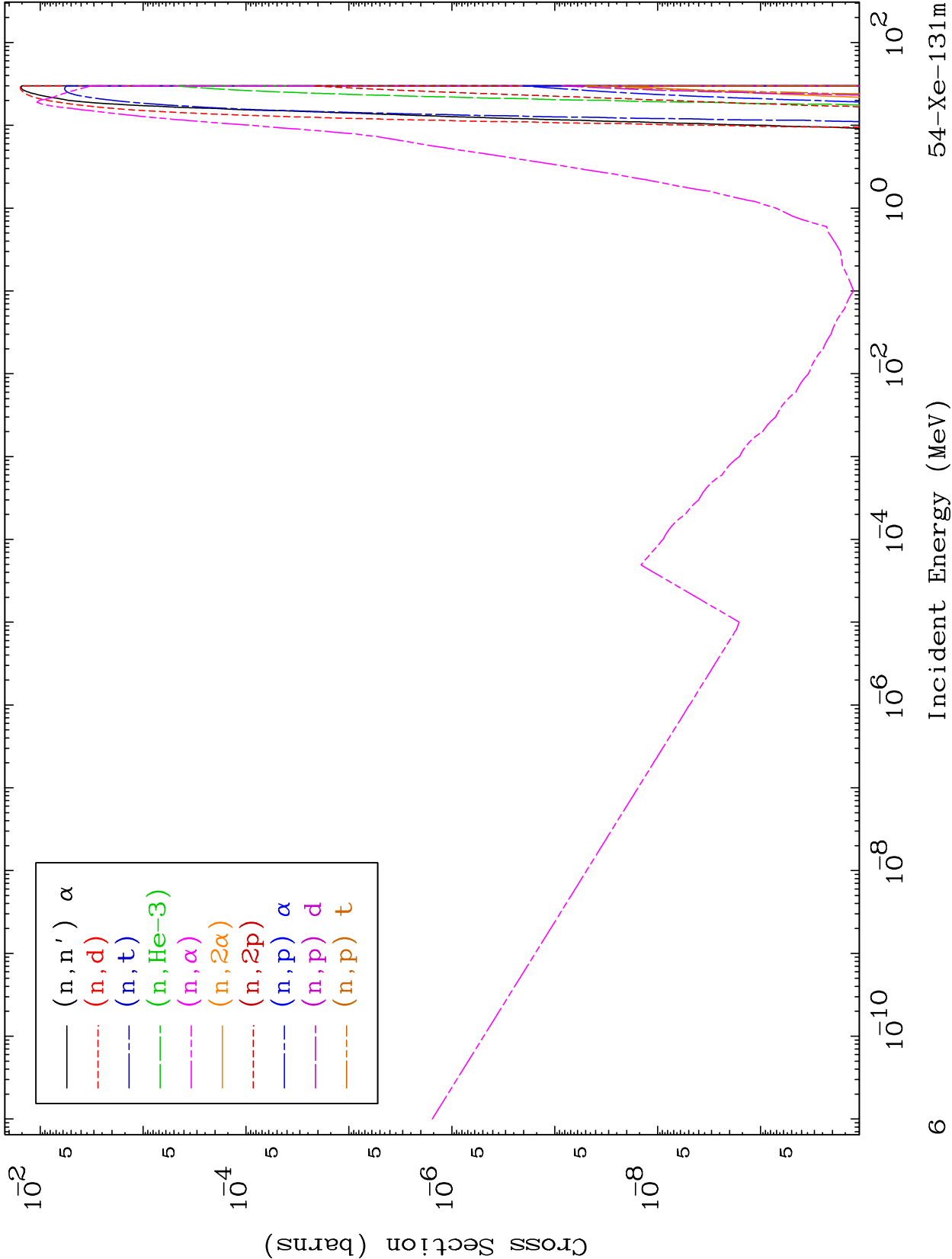
Incident Energy (MeV)

5

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Charged Particle
293 Kelvin Cross Sections

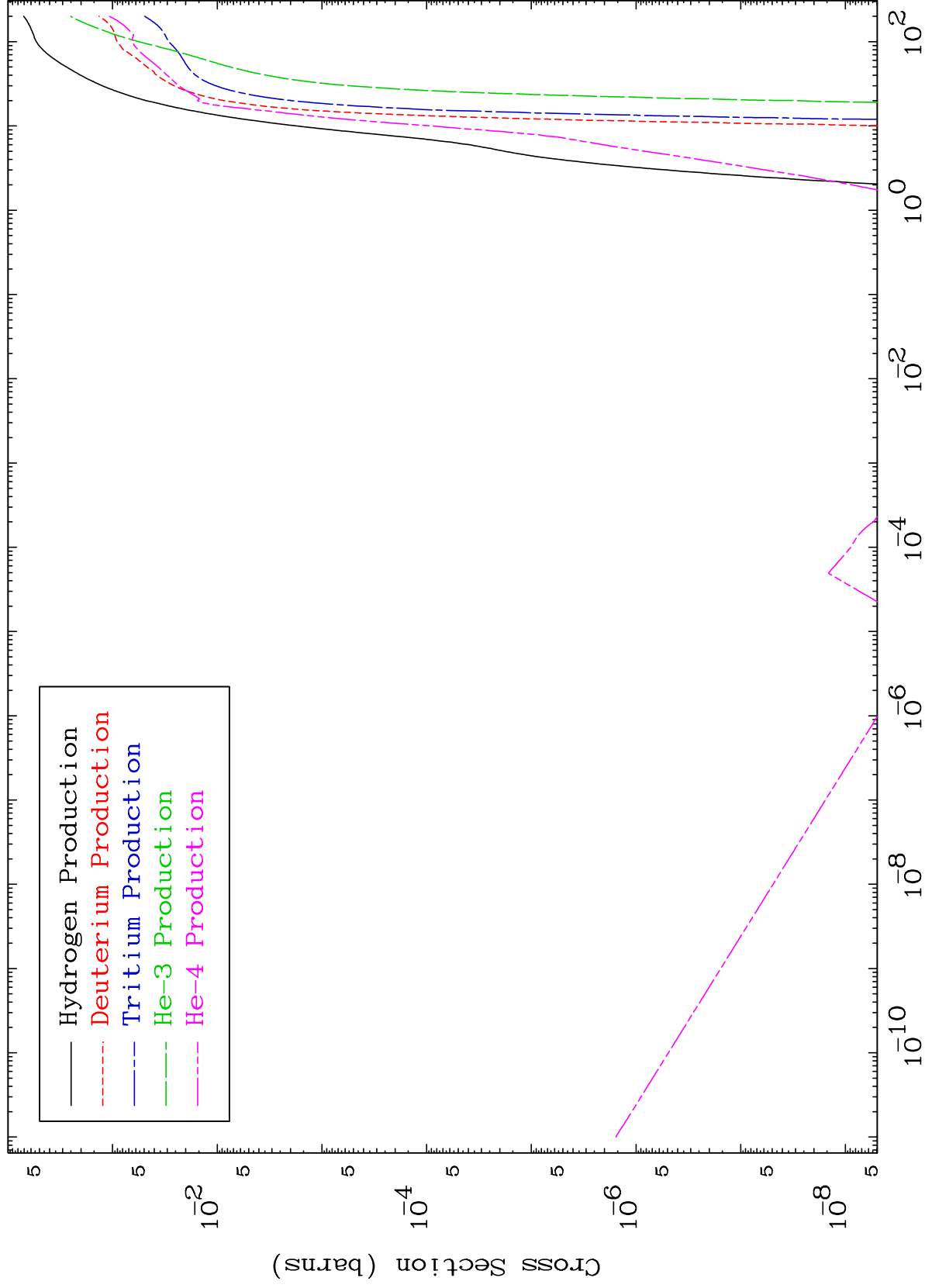
54-Xe-131m



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Particle Production
293 Kelvin Cross Sections

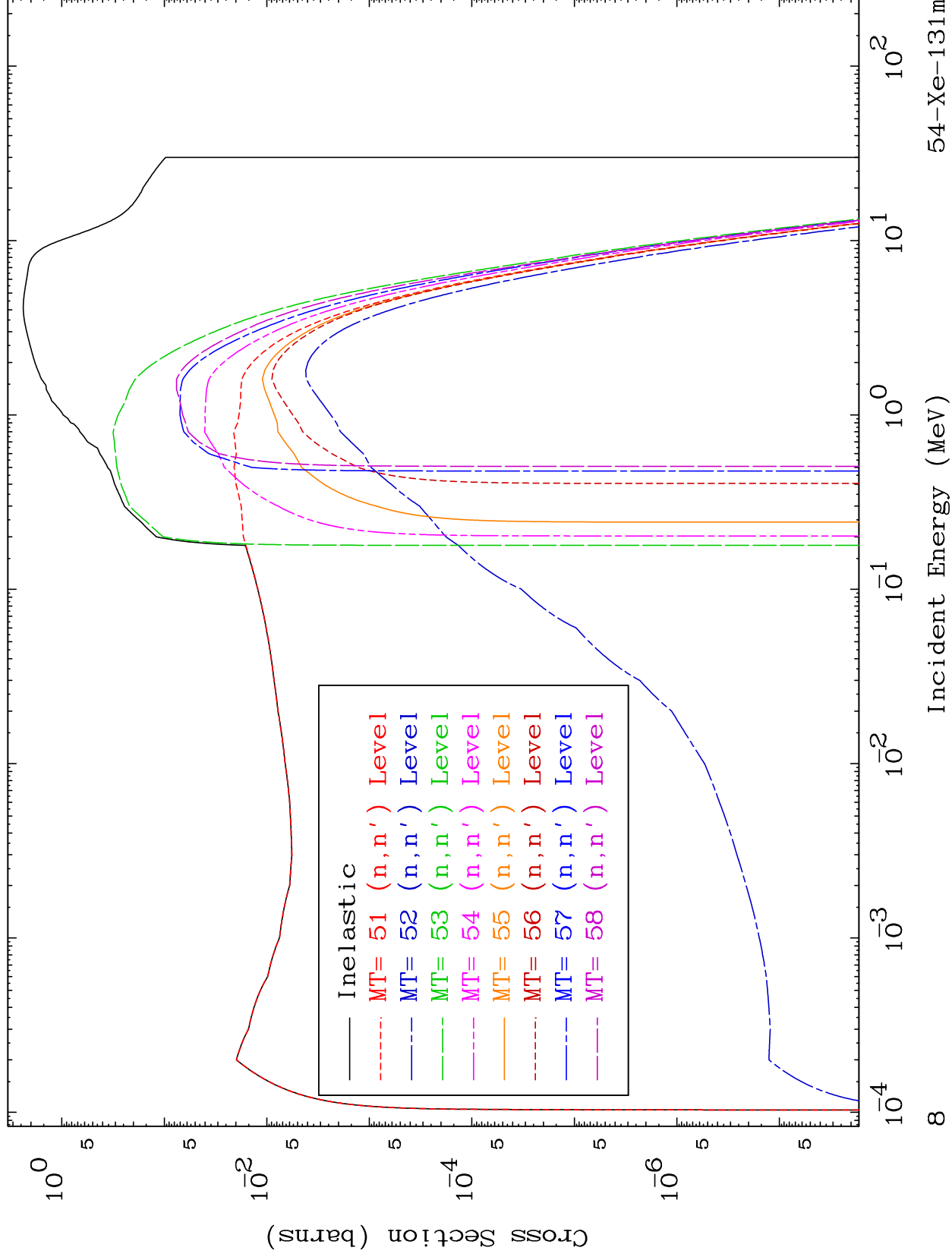
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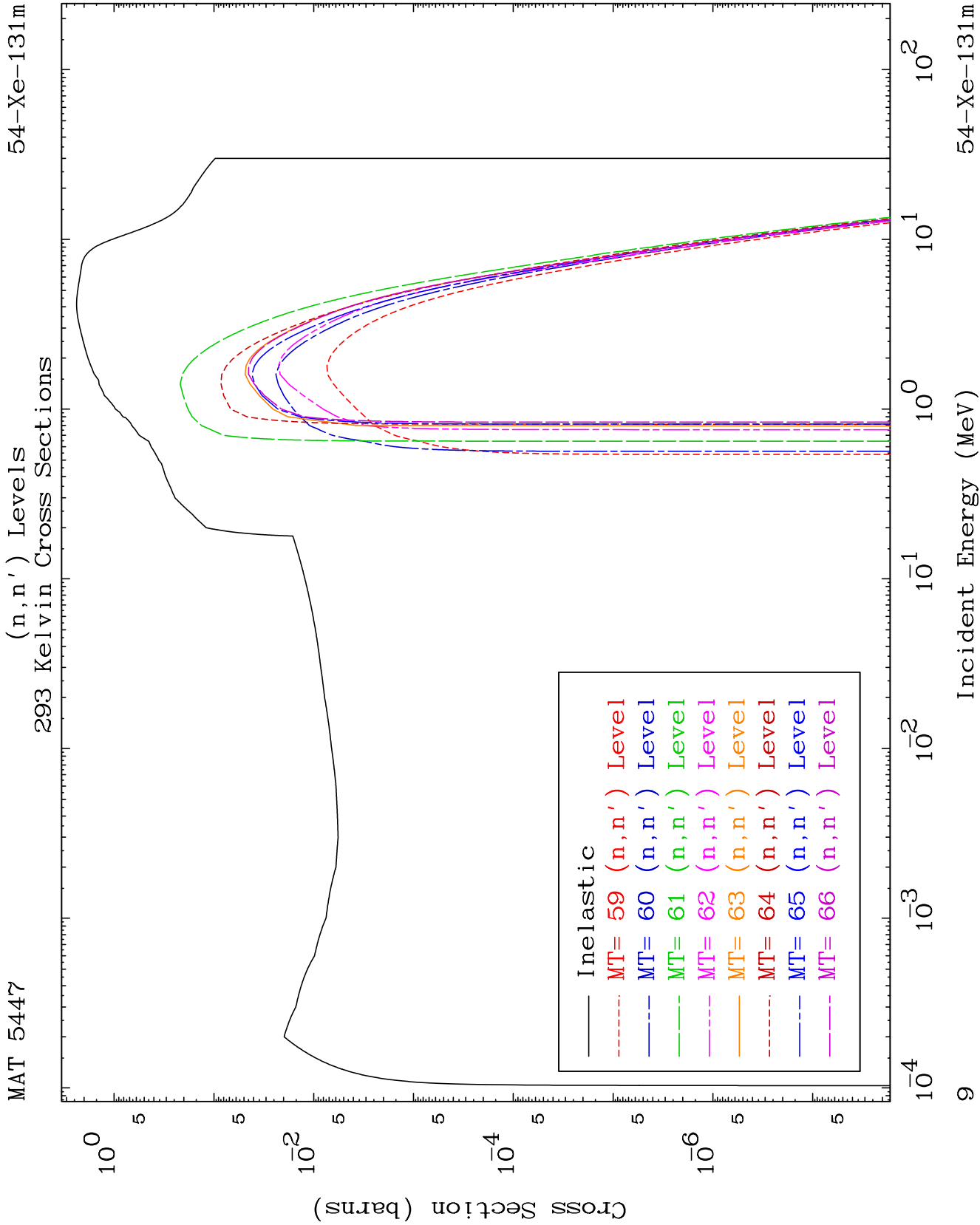


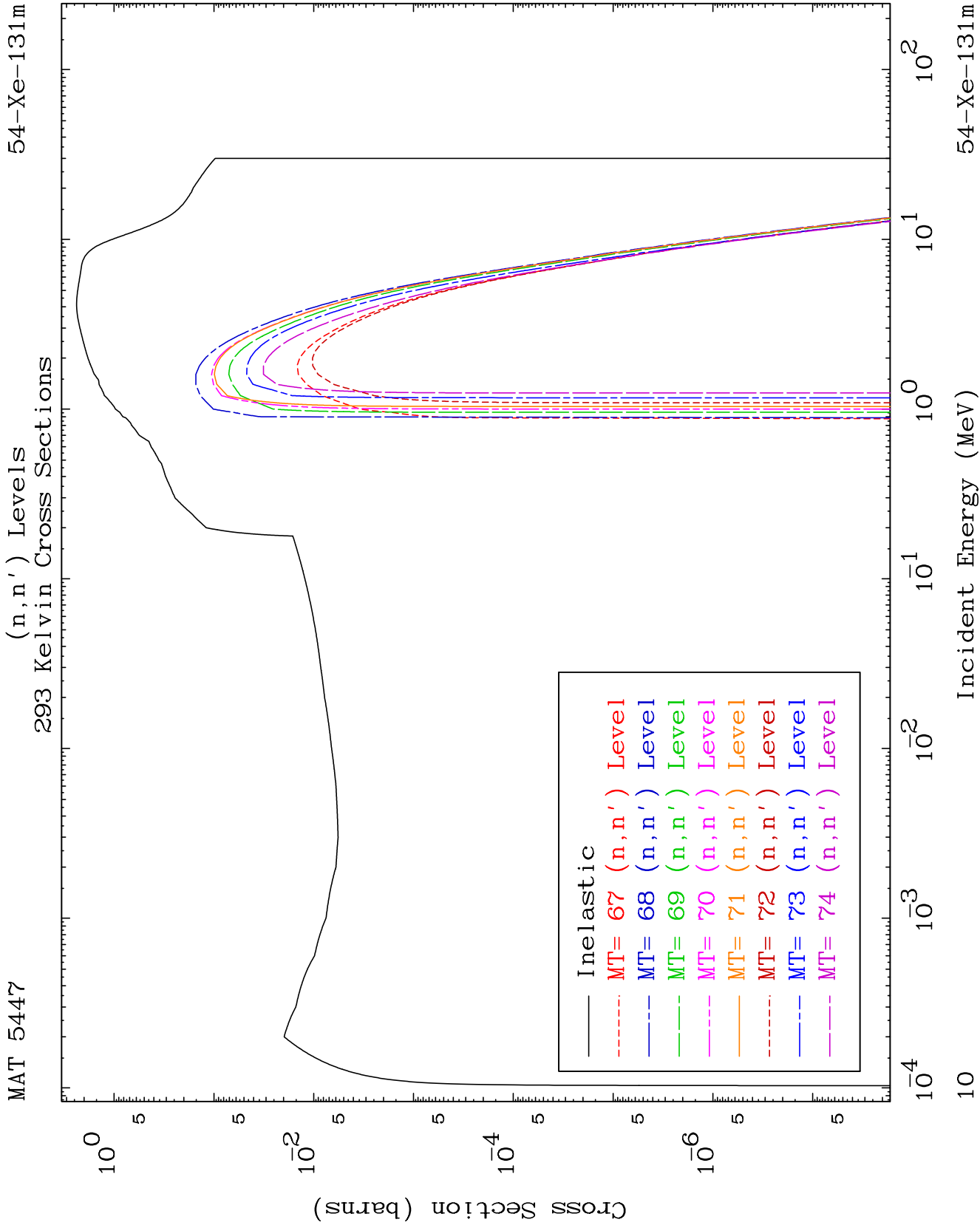
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(n,n') Levels
293 Kelvin Cross Sections

54-Xe-131m



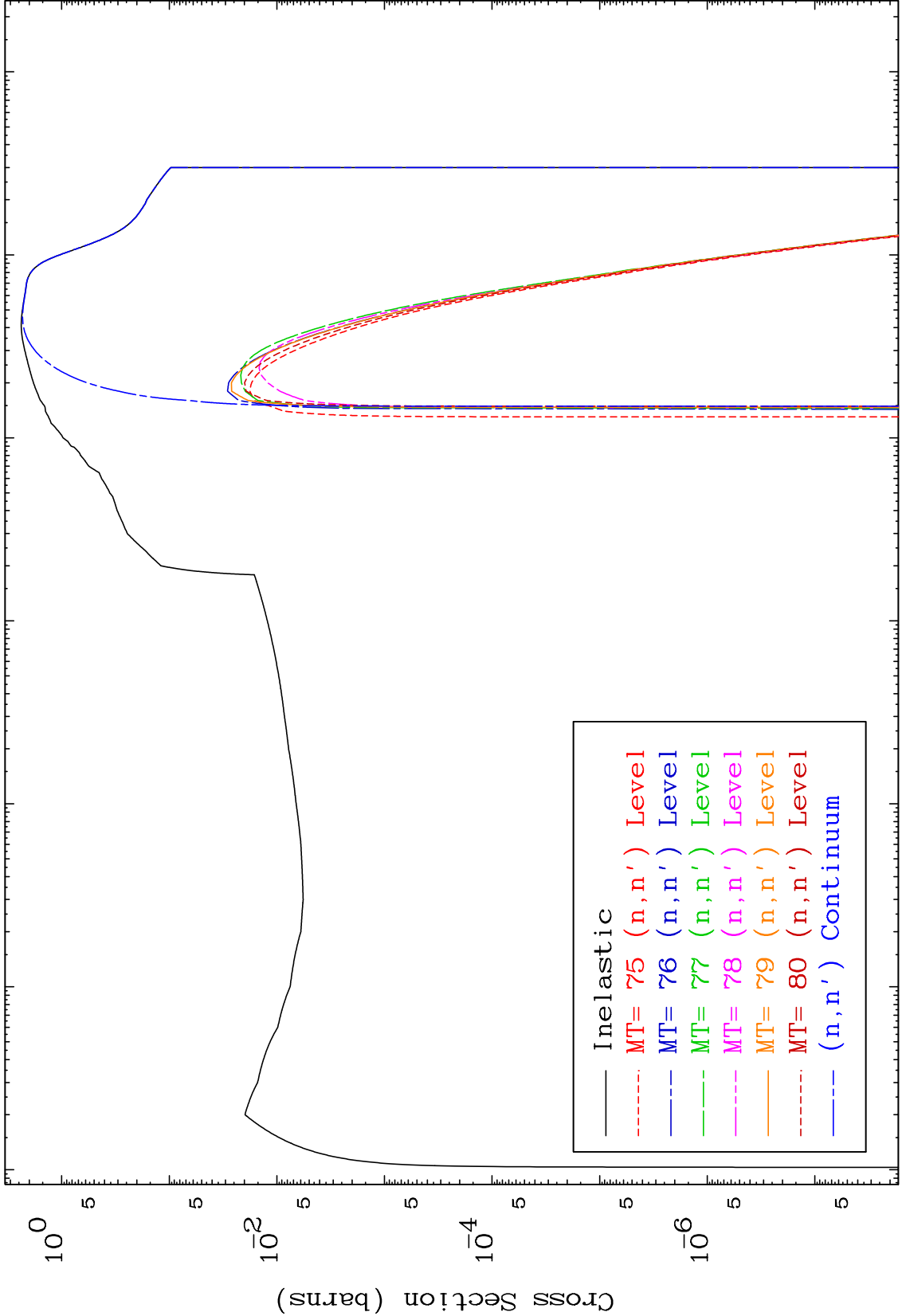


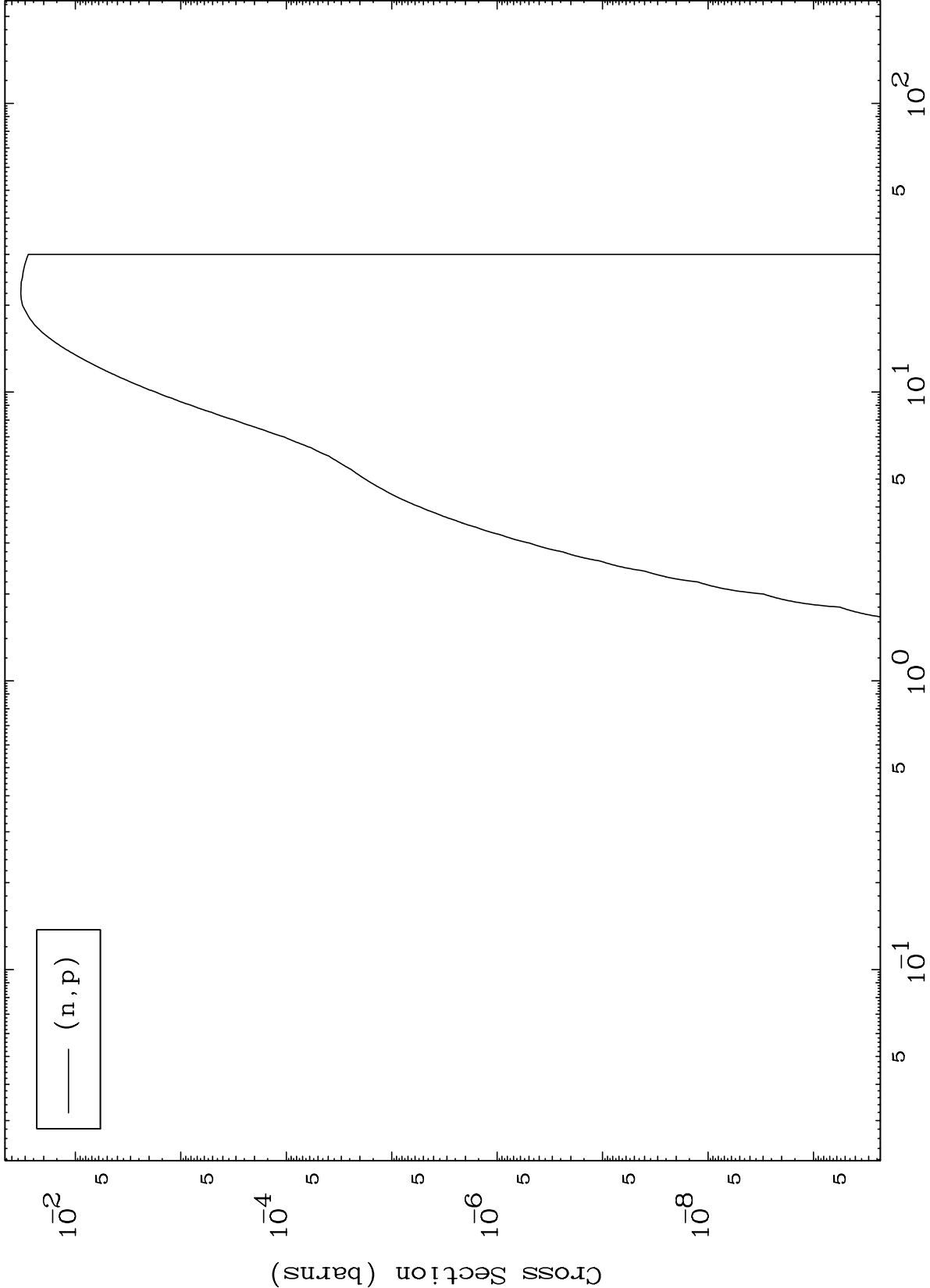


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(n,n') Levels
293 Kelvin Cross Sections

54-Xe-131m

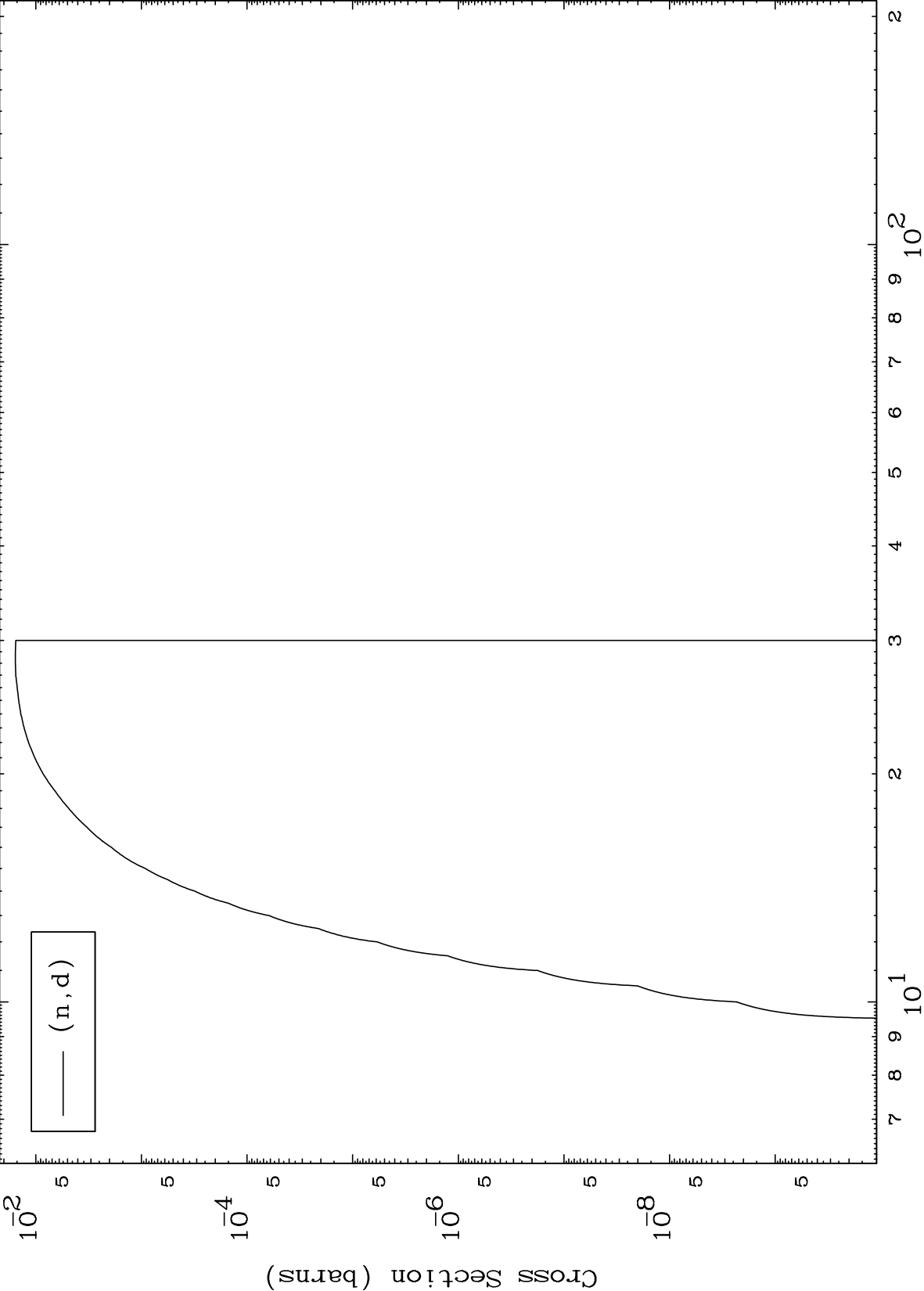




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(n,d) Levels
293 Kelvin Cross Sections

54-Xe-131m



13

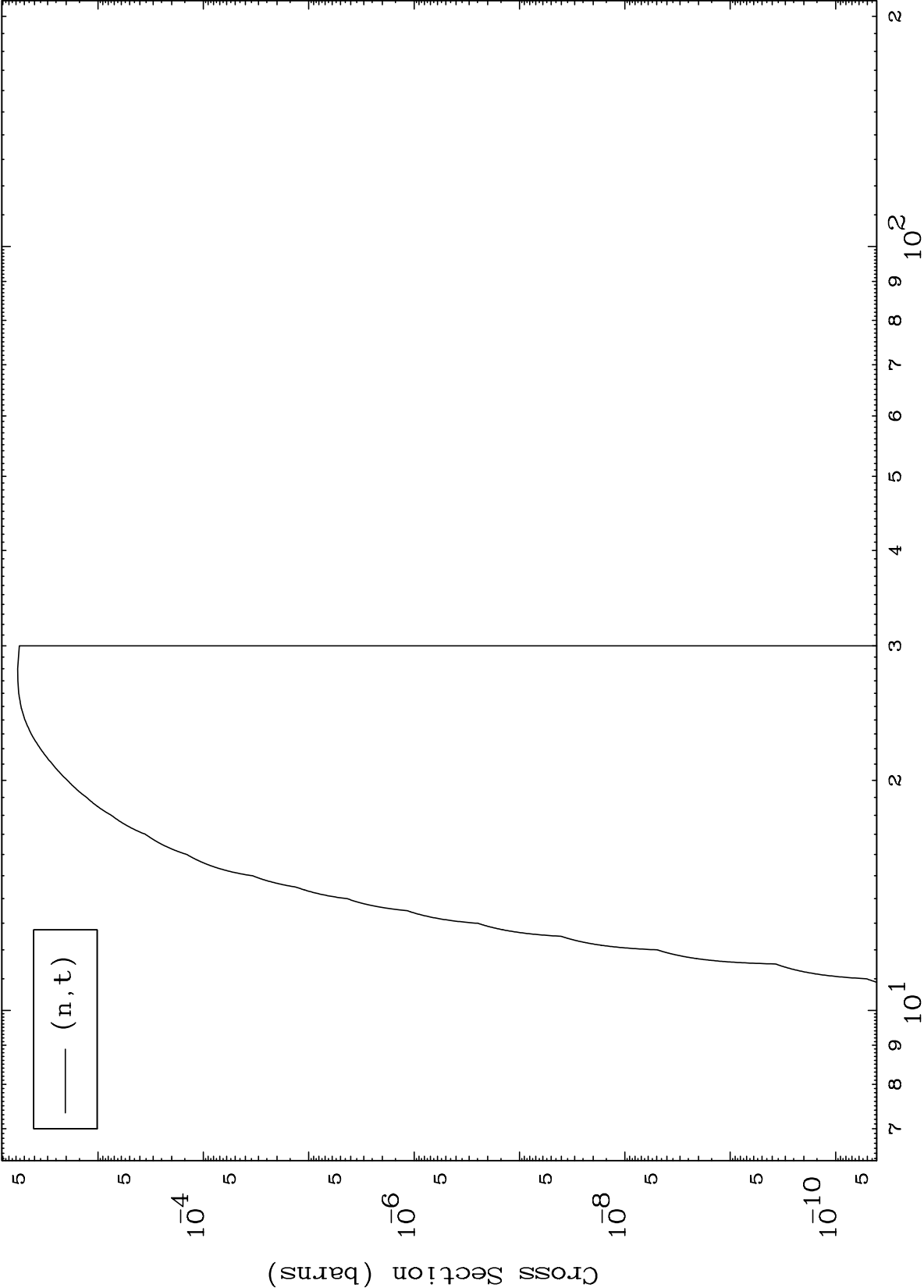
Incident Energy (MeV)

54-Xe-131m

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(n,t) Levels
293 Kelvin Cross Sections

54-Xe-131m



14

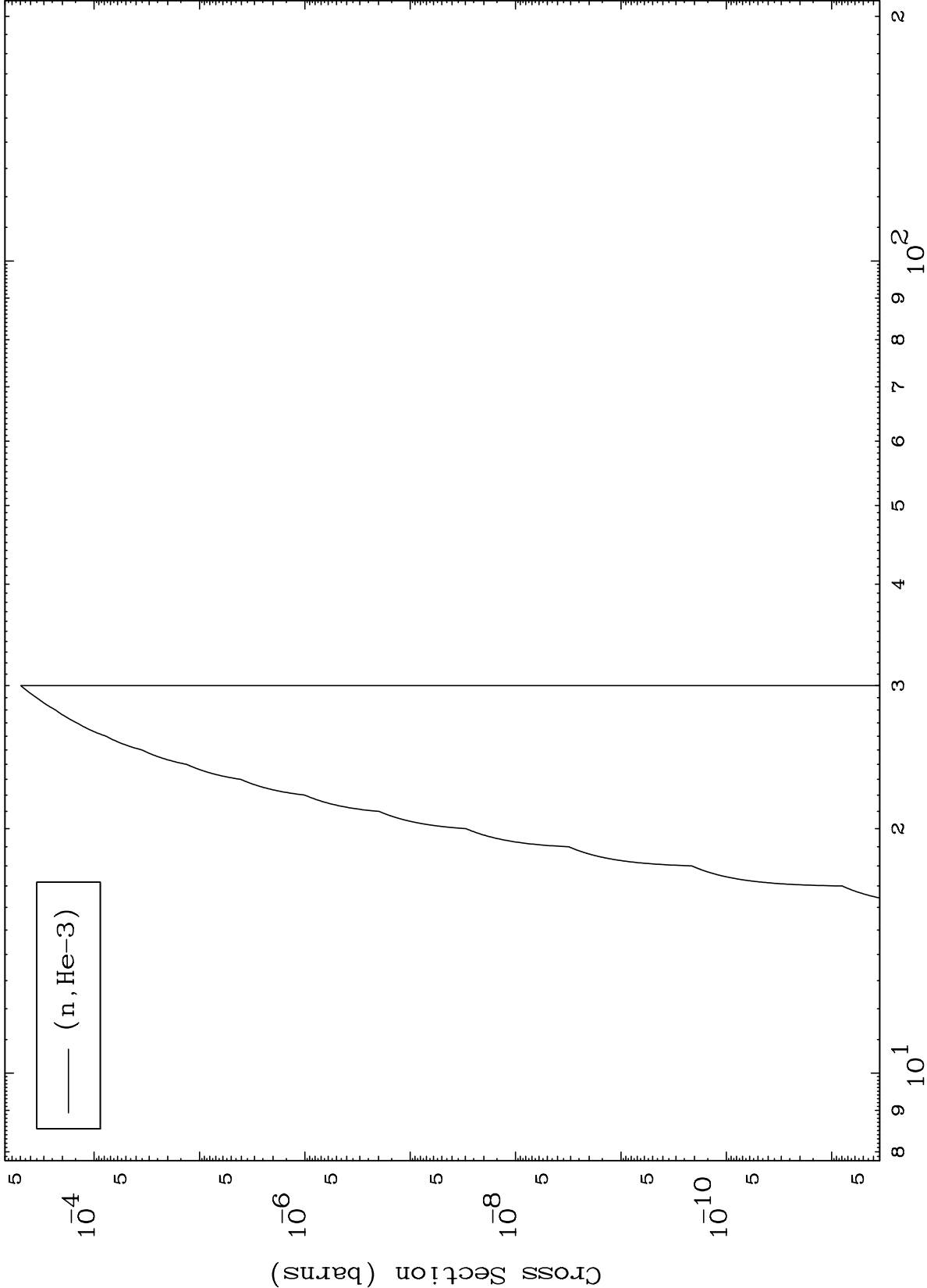
Incident Energy (MeV)

54-Xe-131m

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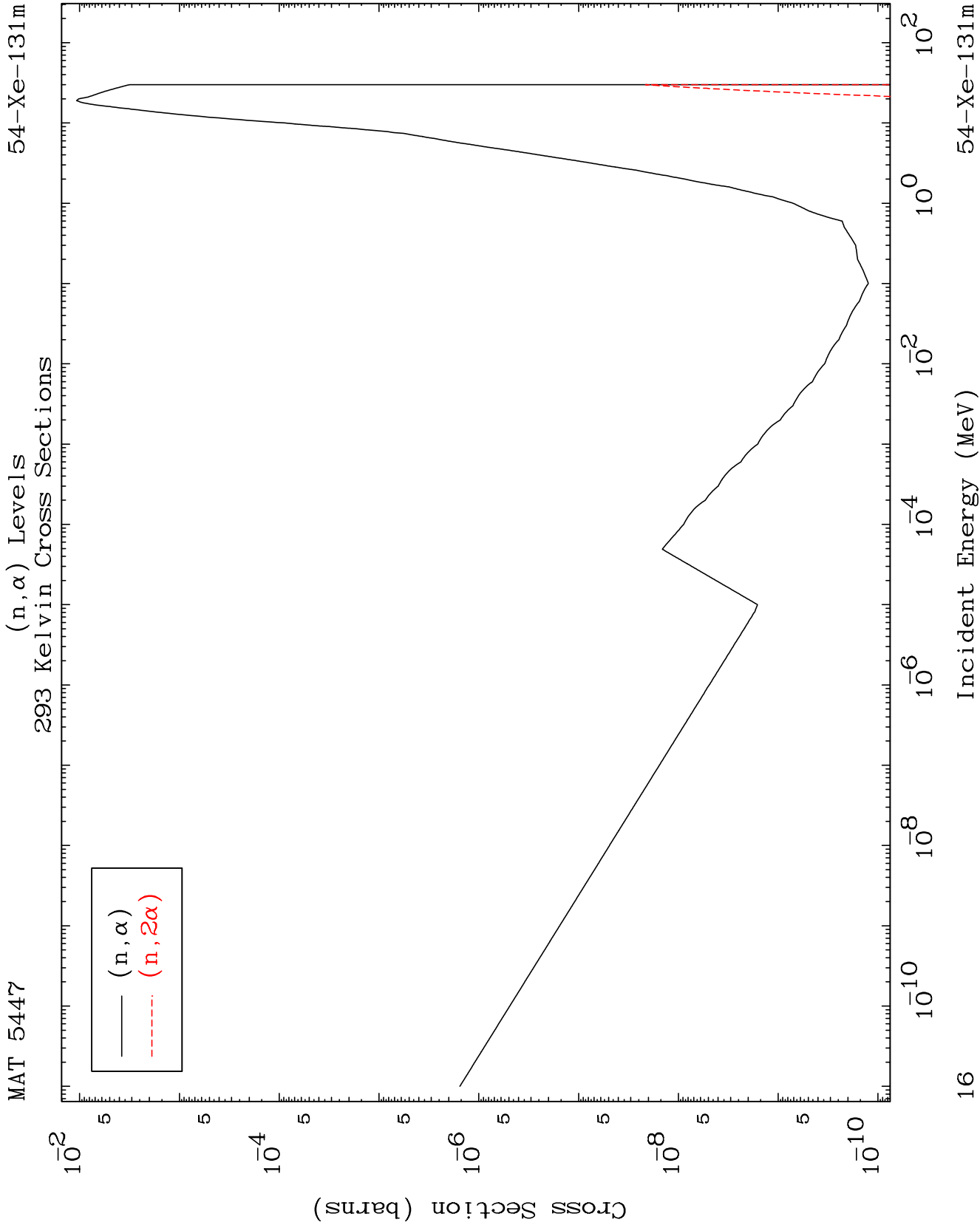
(n,He3) Levels
293 Kelvin Cross Sections

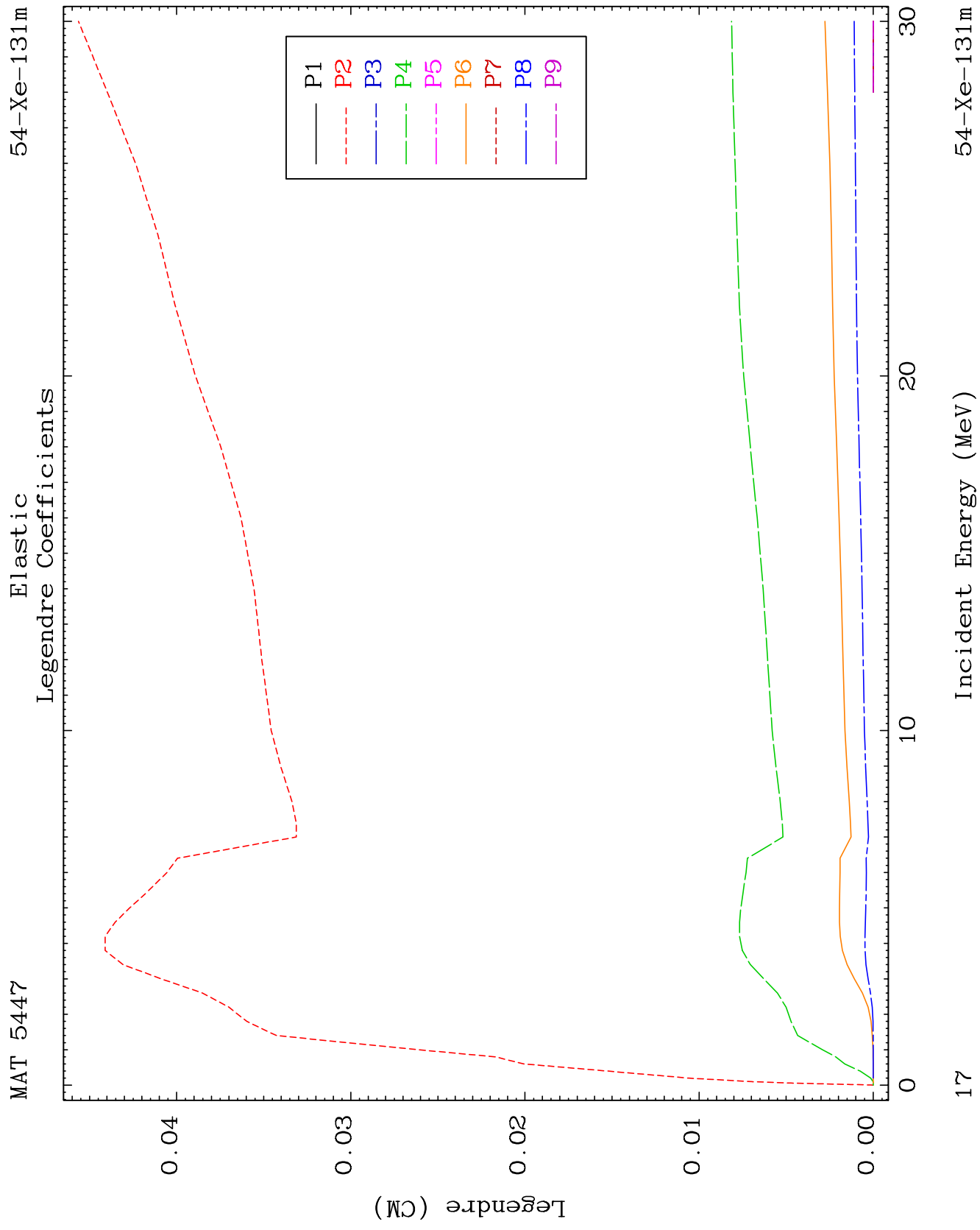
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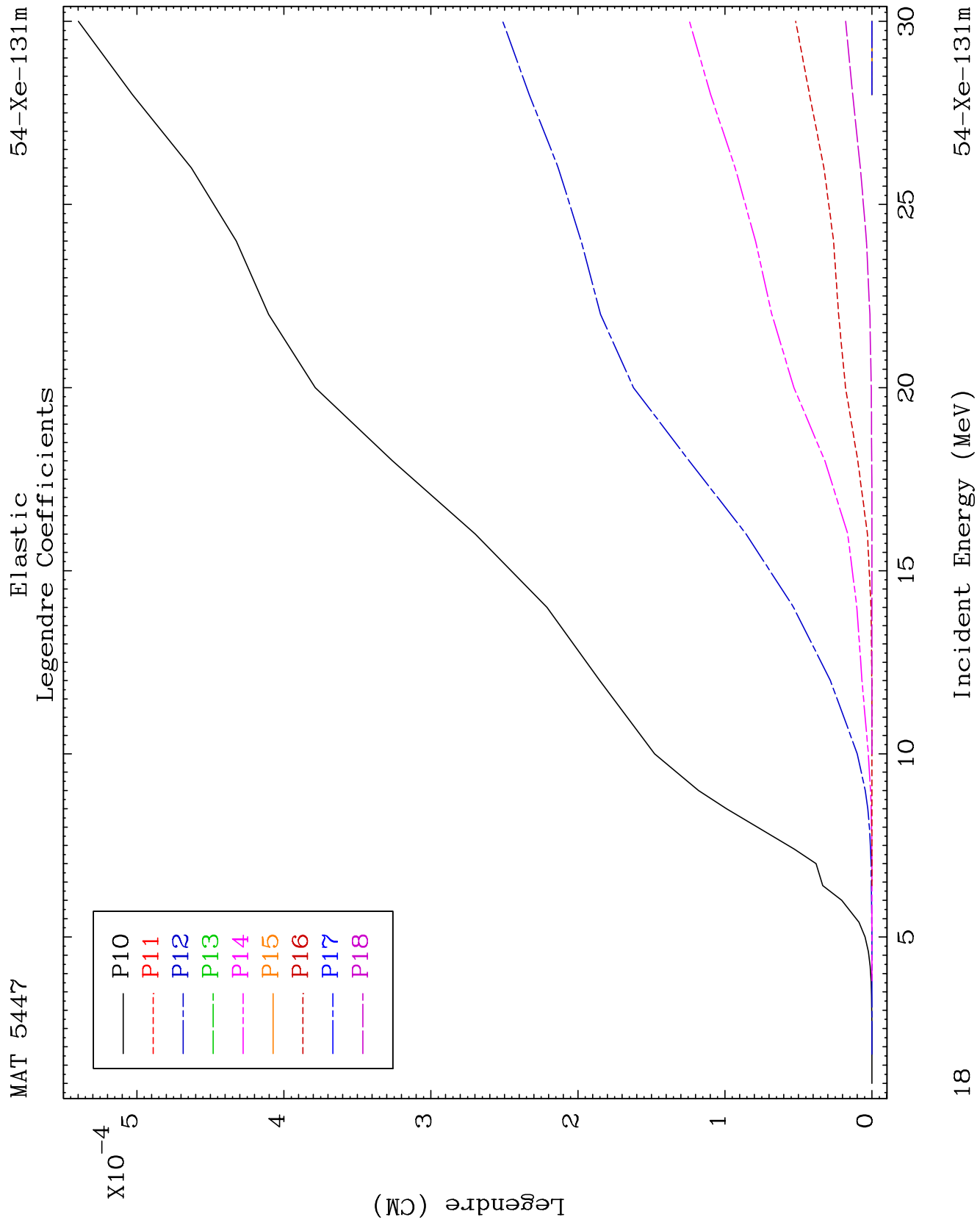


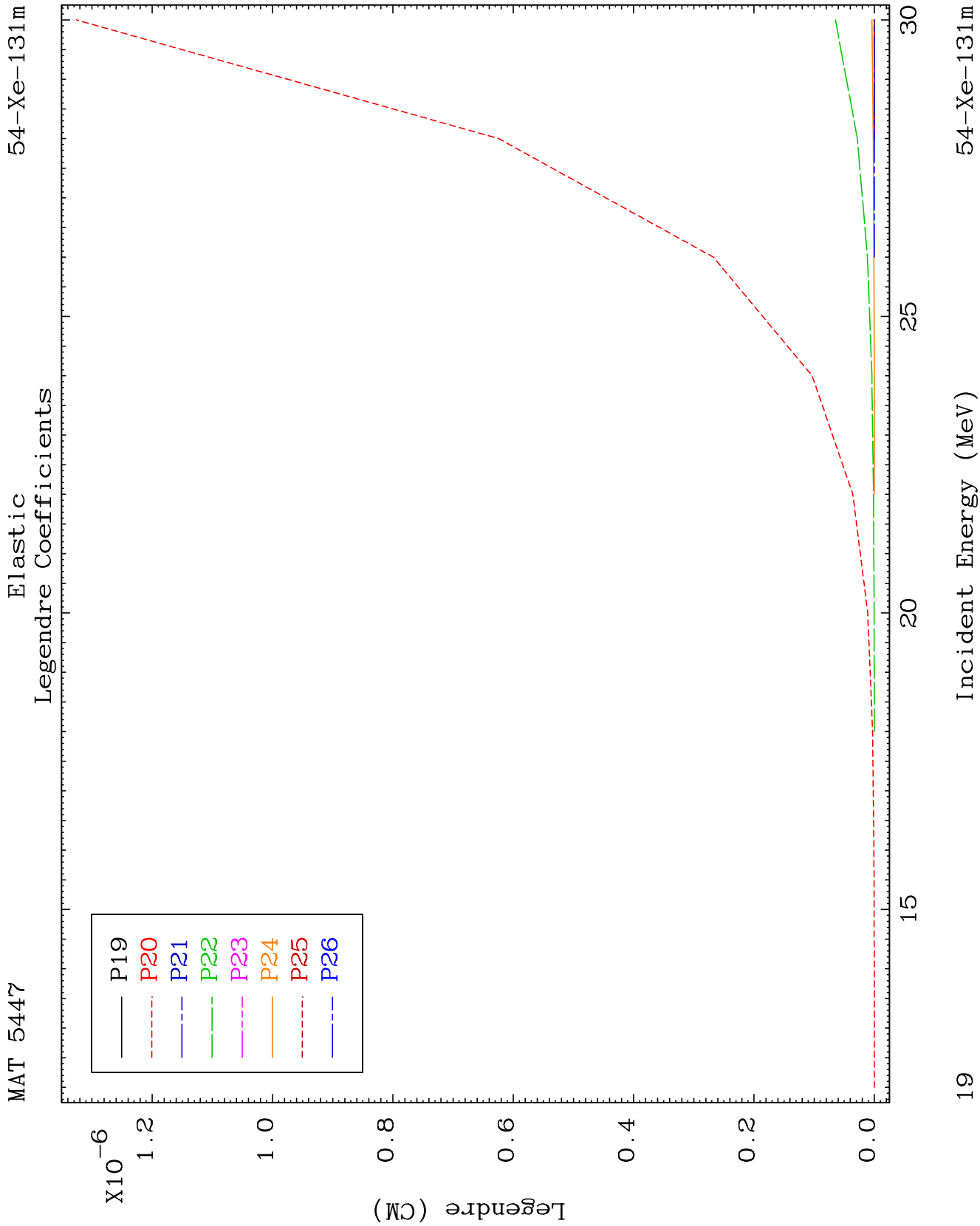
Incident Energy (MeV)

54-Xe-131m





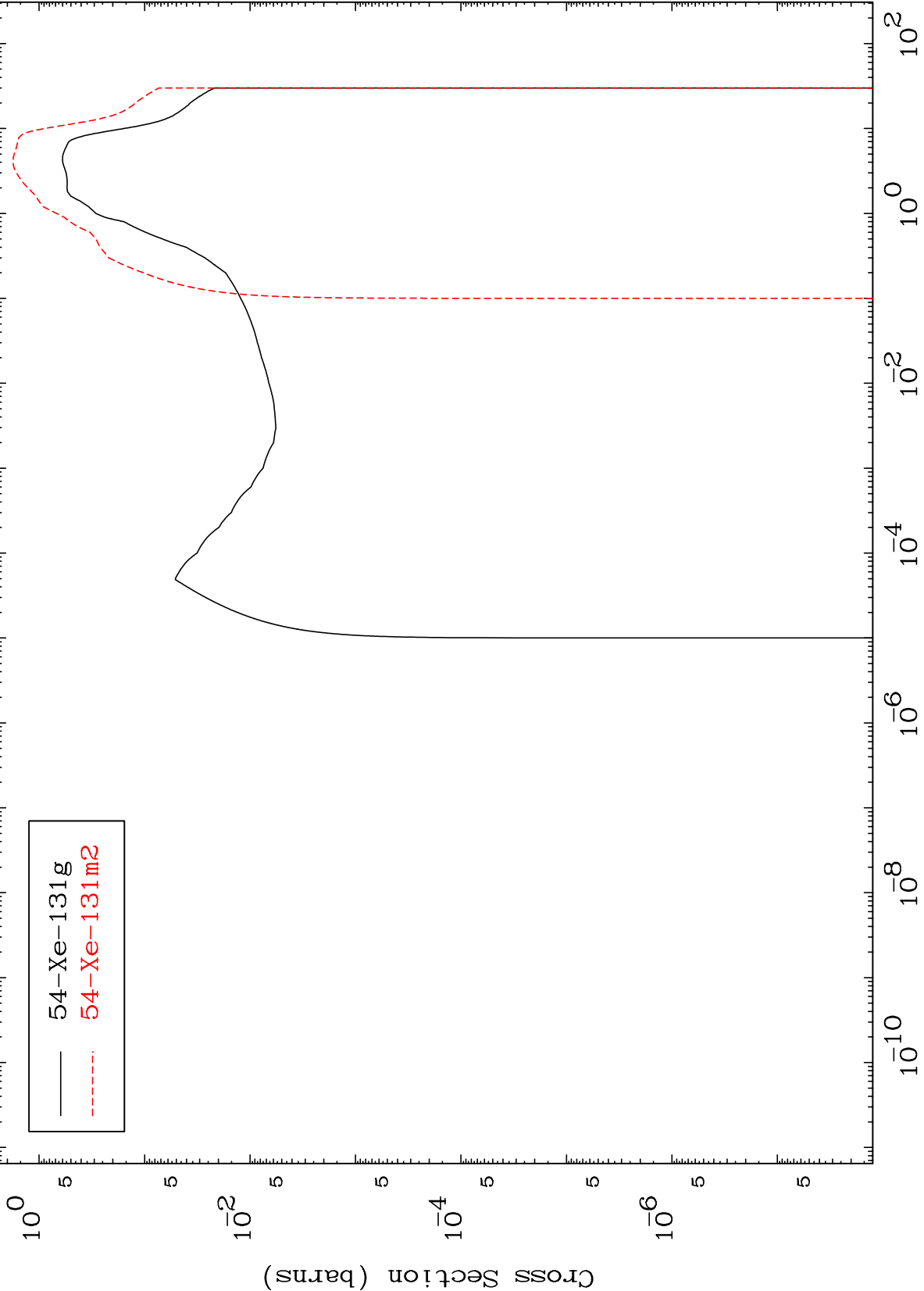




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54-Xe-131m

Inelastic
Radionuclide Production Cross Section



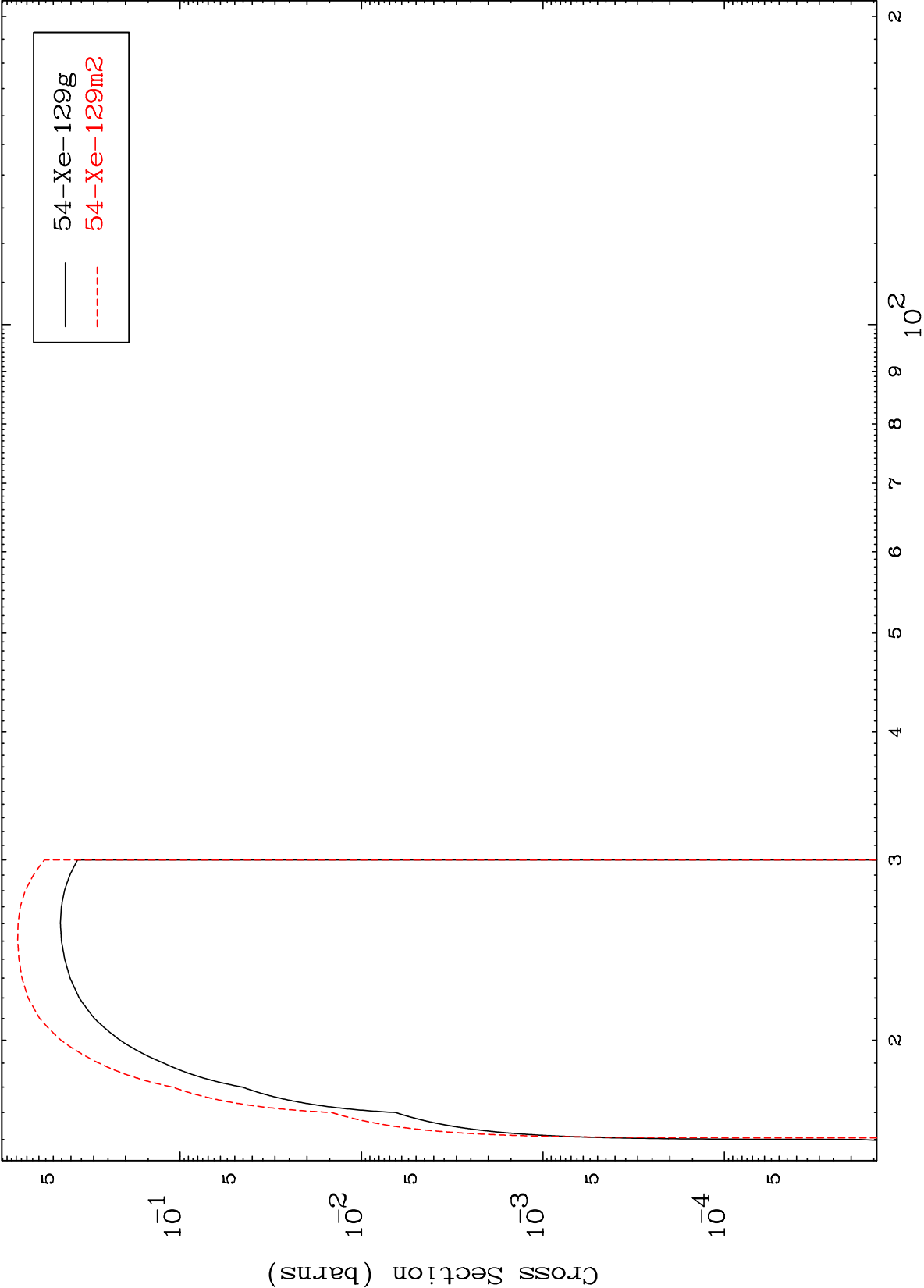
54-Xe-131g
54-Xe-131m2

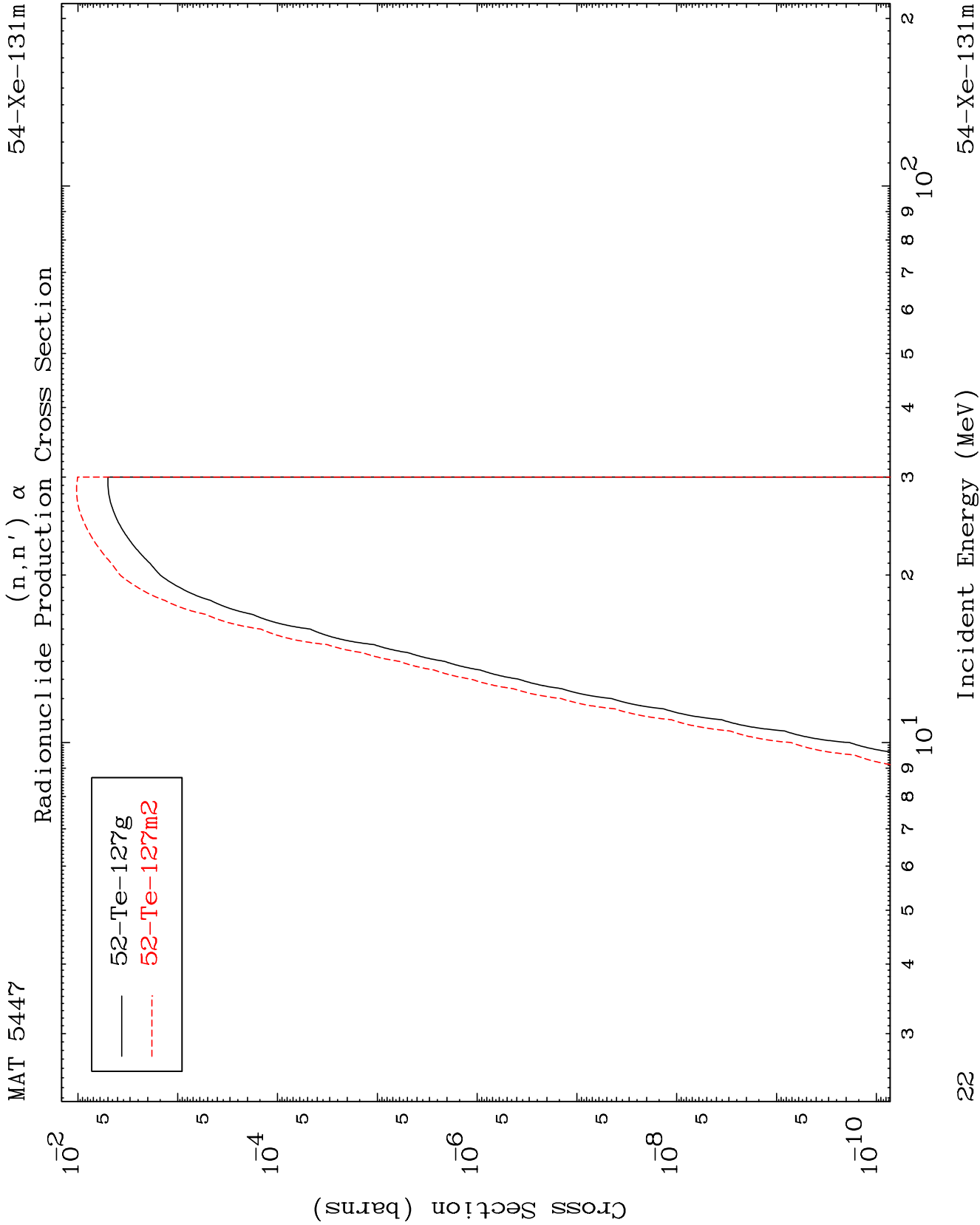
54-Xe-131m

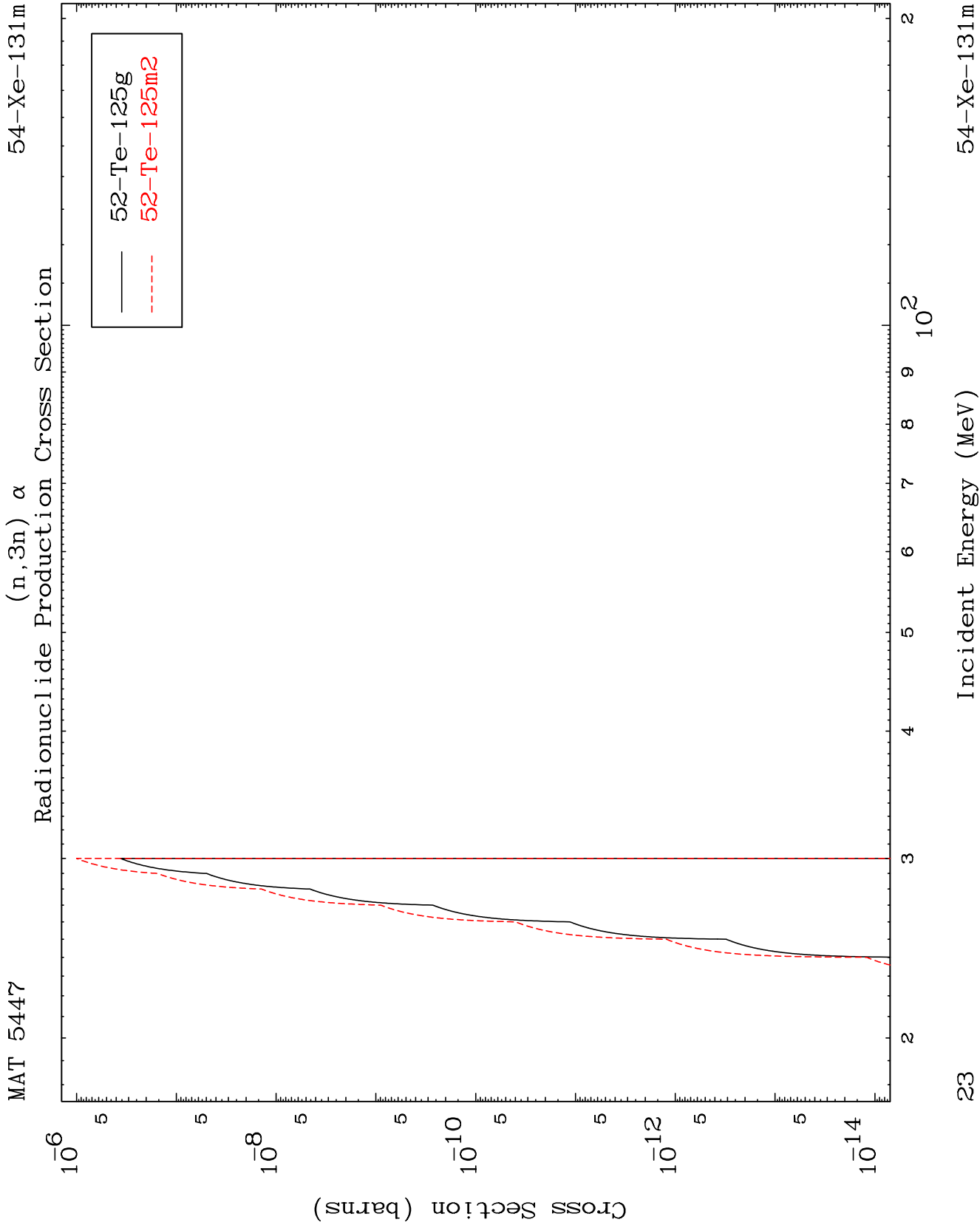
Incident Energy (MeV)

20

Radionuclide Production Cross Section
(n,3n)



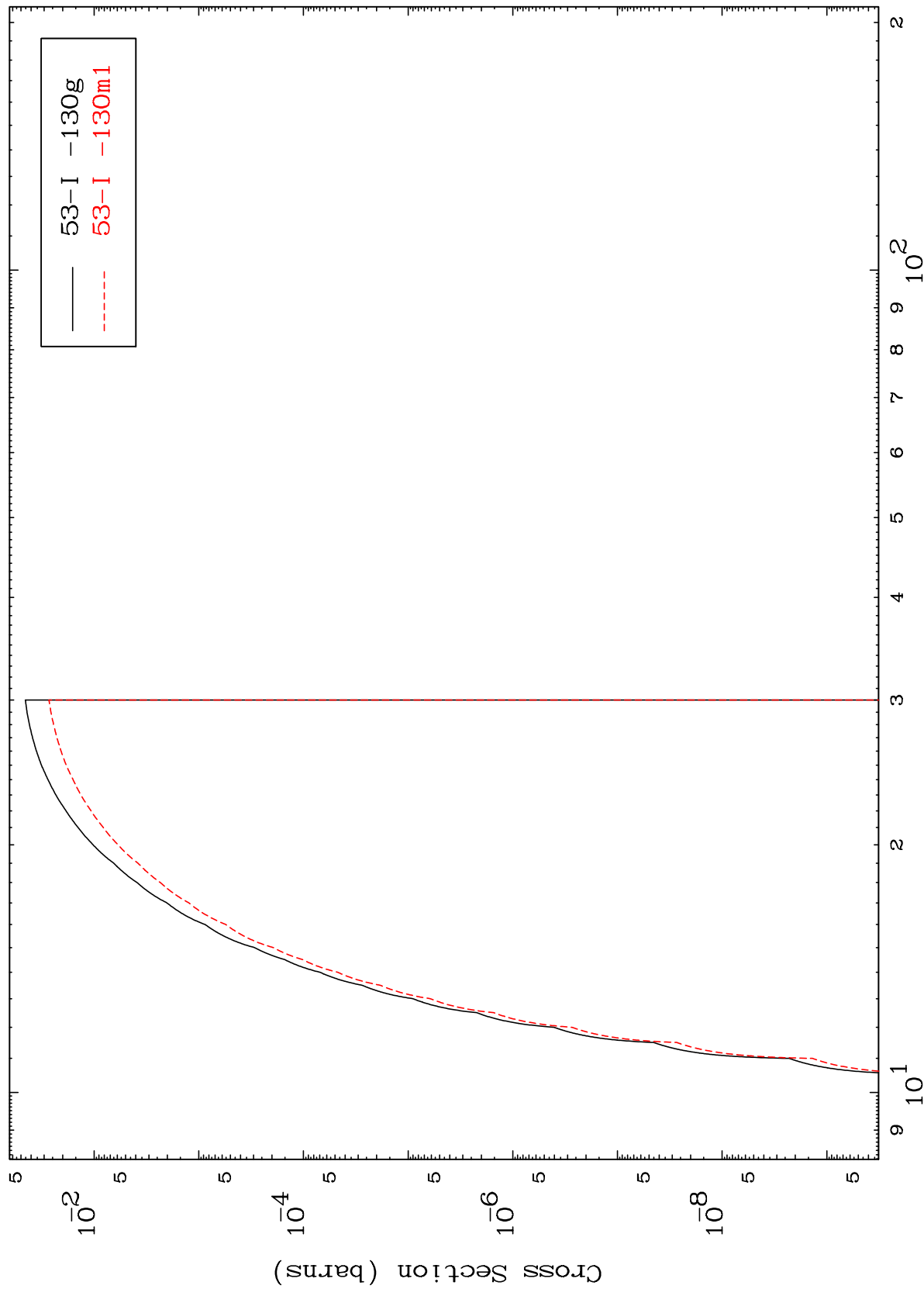




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54-Xe-131m

(n,n') p
Radionuclide Production Cross Section

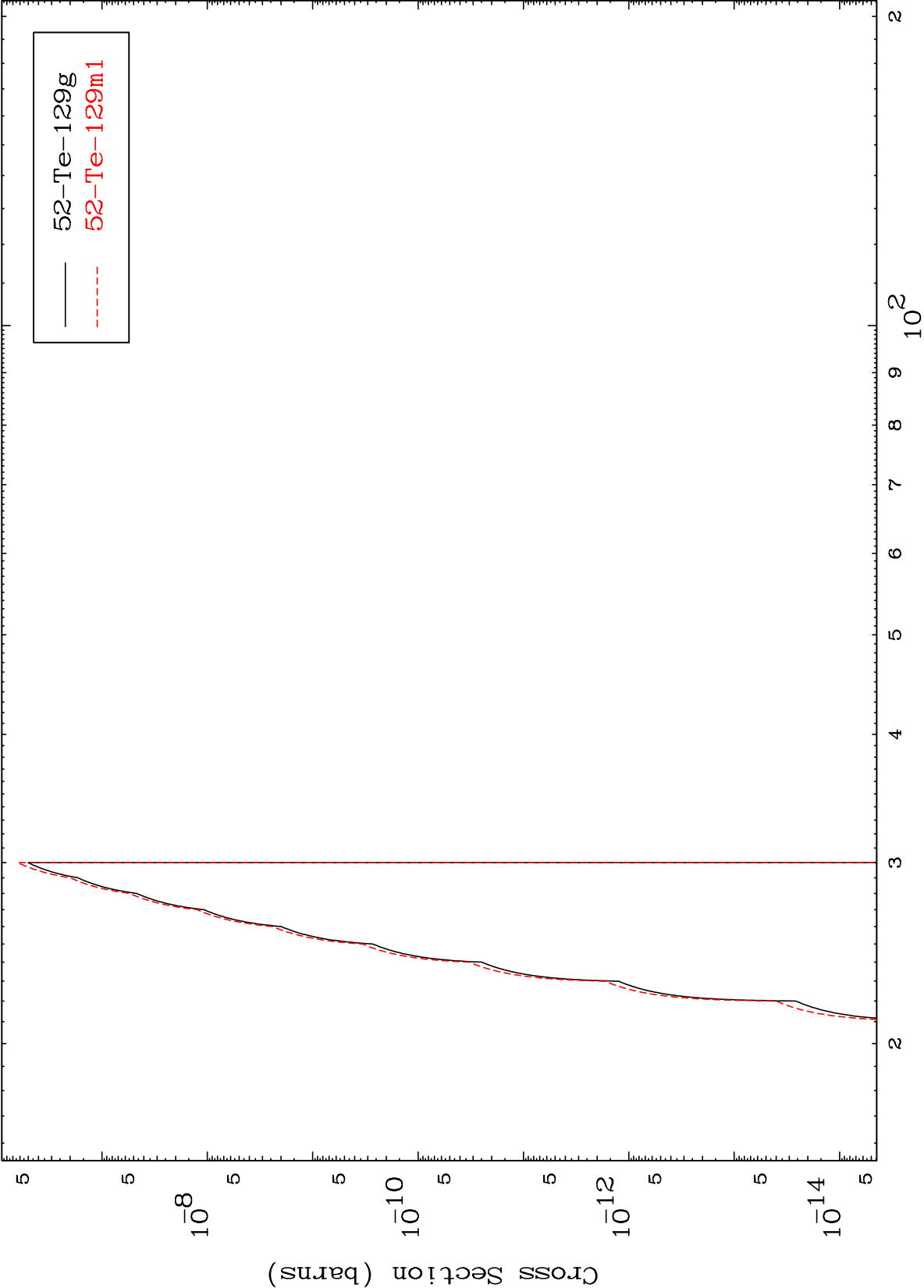


54-Xe-131m

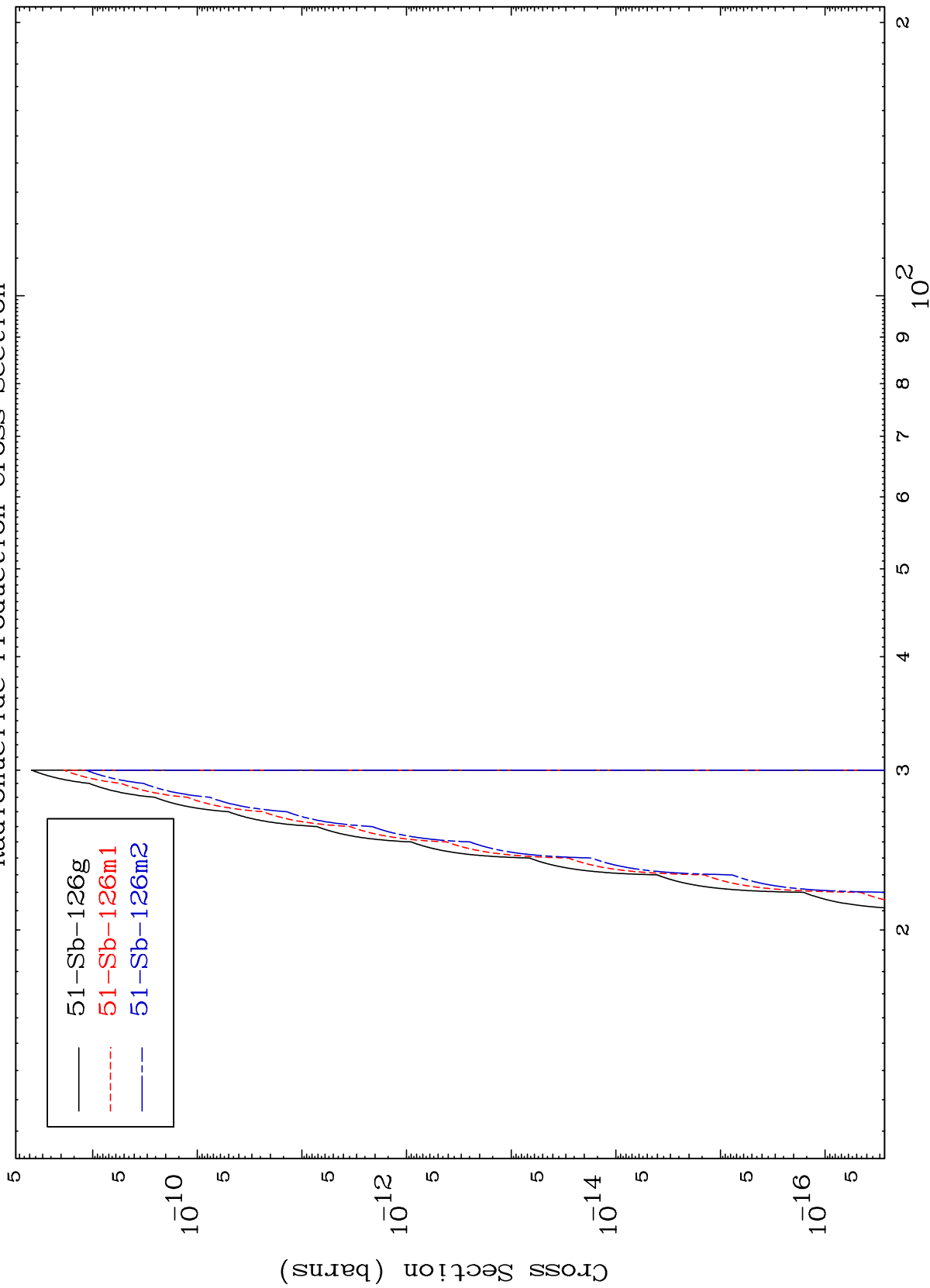
Incident Energy (MeV)

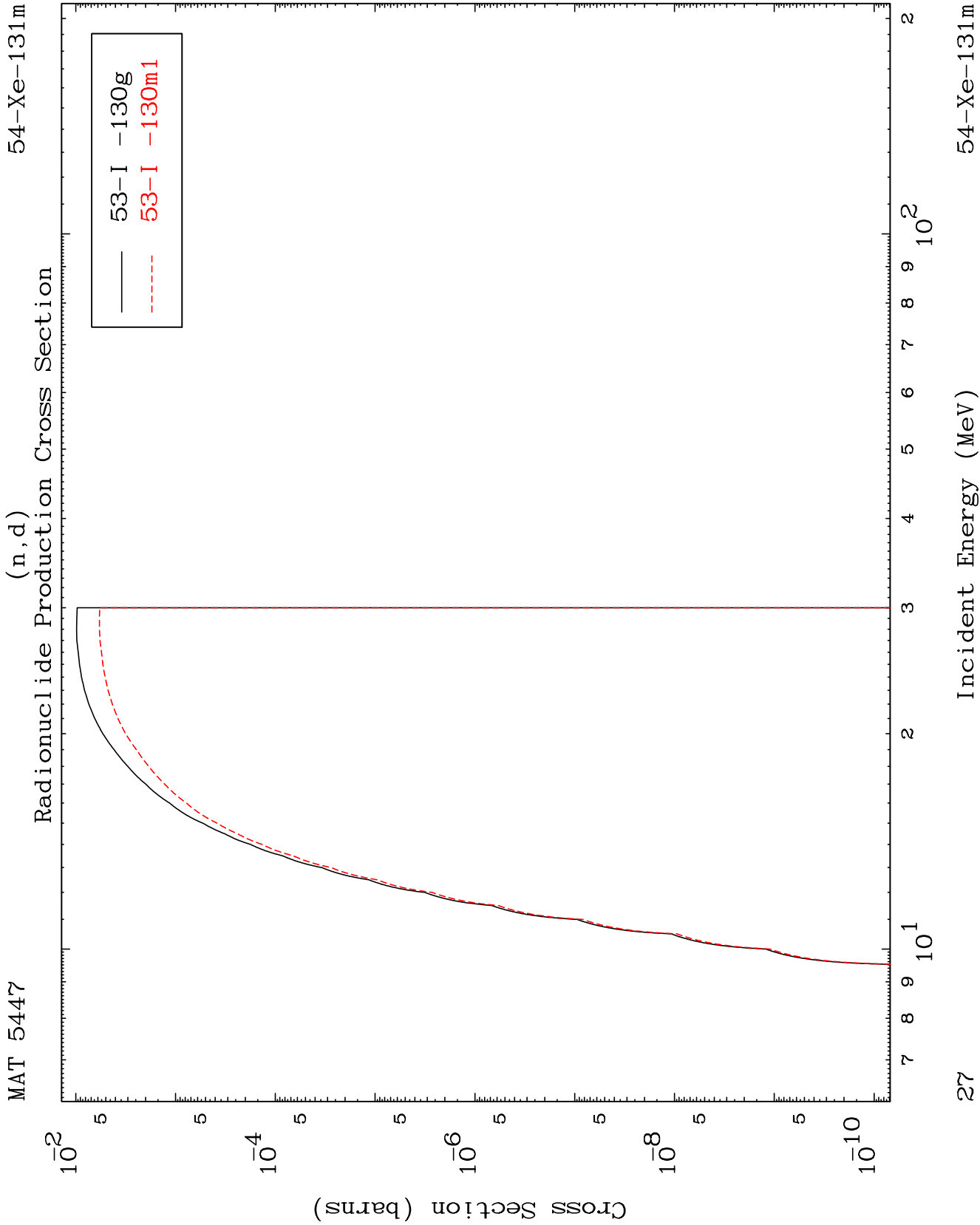
24

(n,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

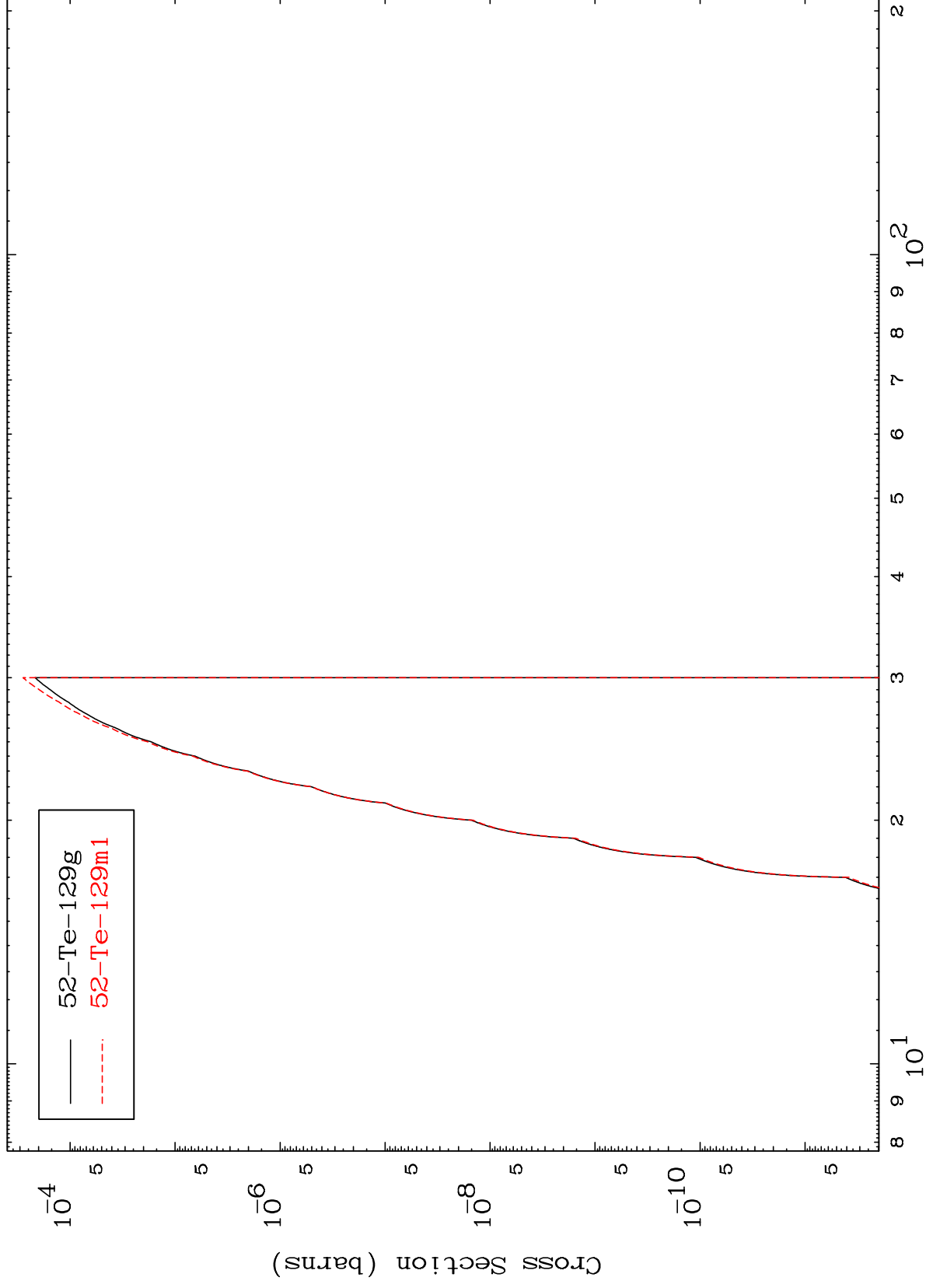




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54-Xe-131m

Radionuclide Production Cross Section



54-Xe-131m

Incident Energy (MeV)

28

(n,p) d
Radionuclide Production Cross Section

