

Program EVALPLOT
(Version 2021-1)

by

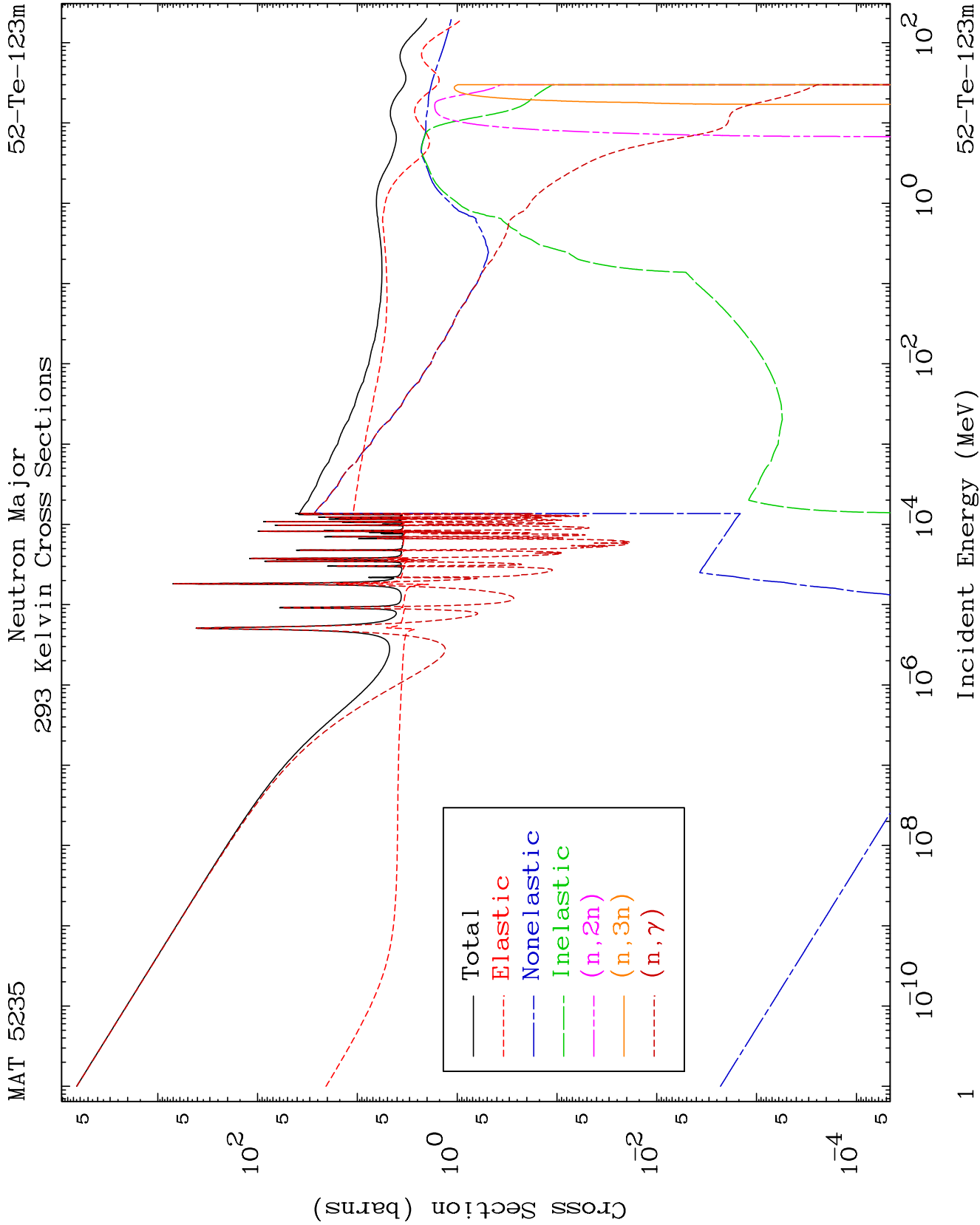
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
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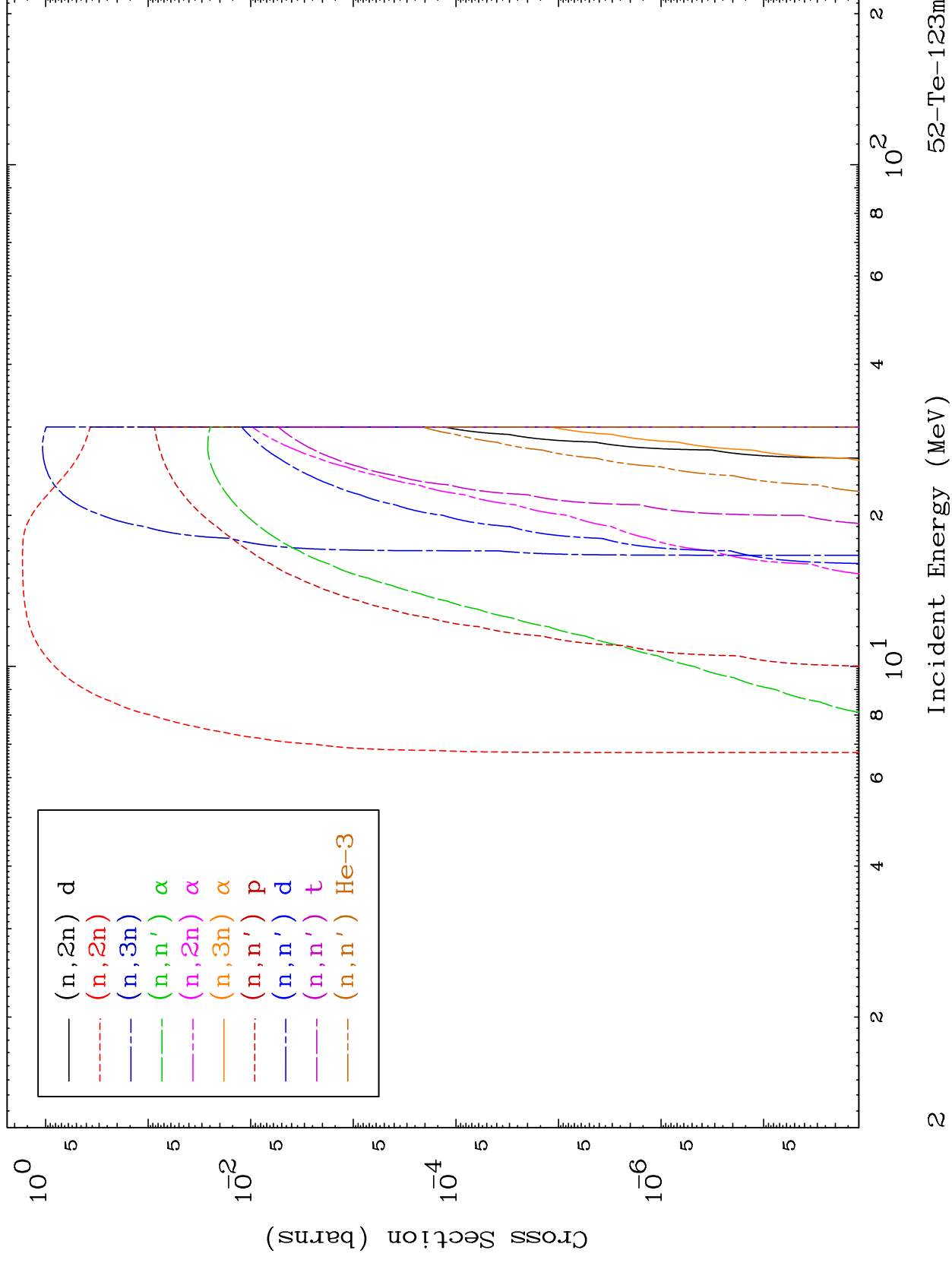
Press Mouse Button to Start

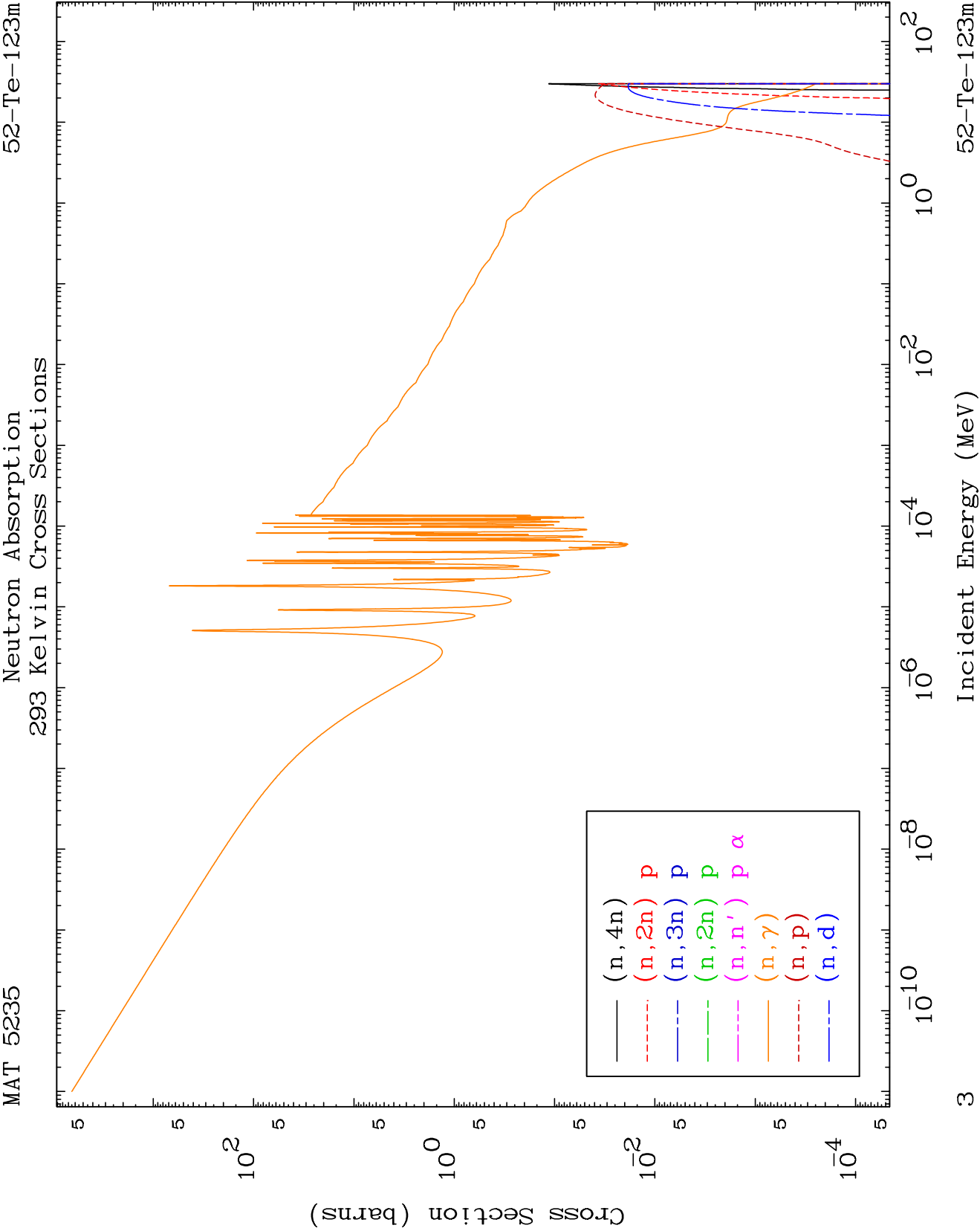


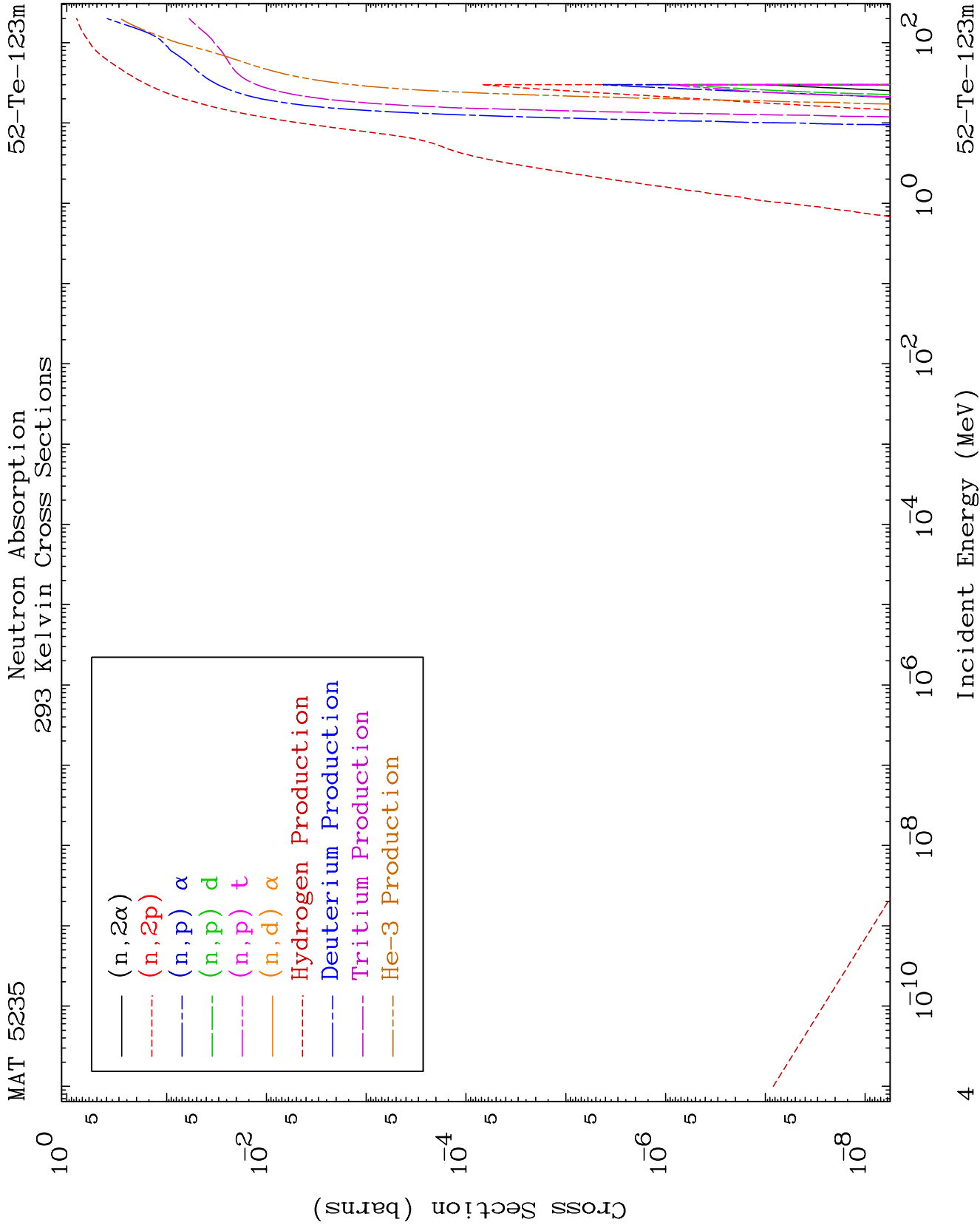
MAT 5235

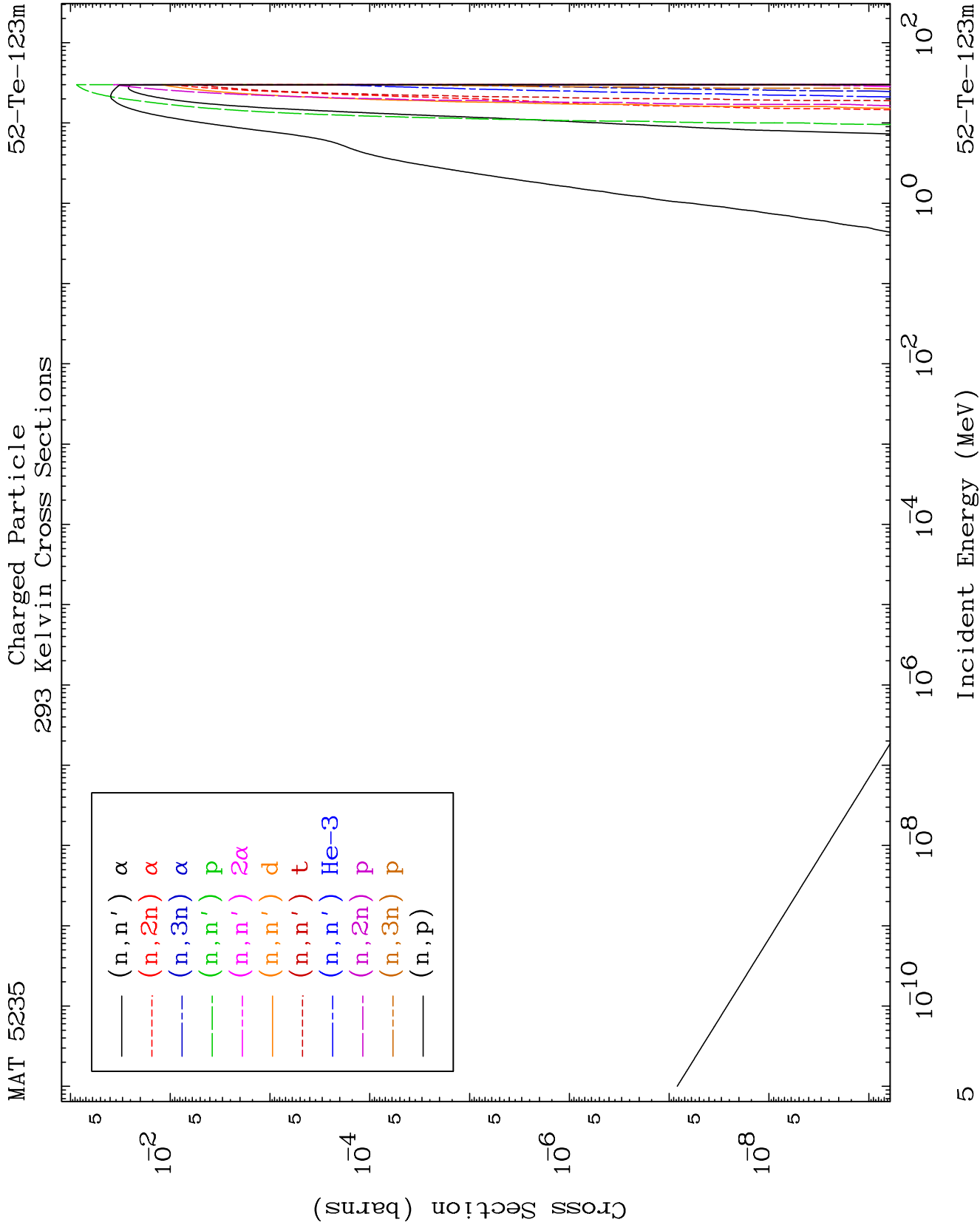
Neutron Absorption 293 Kelvin Cross Sections

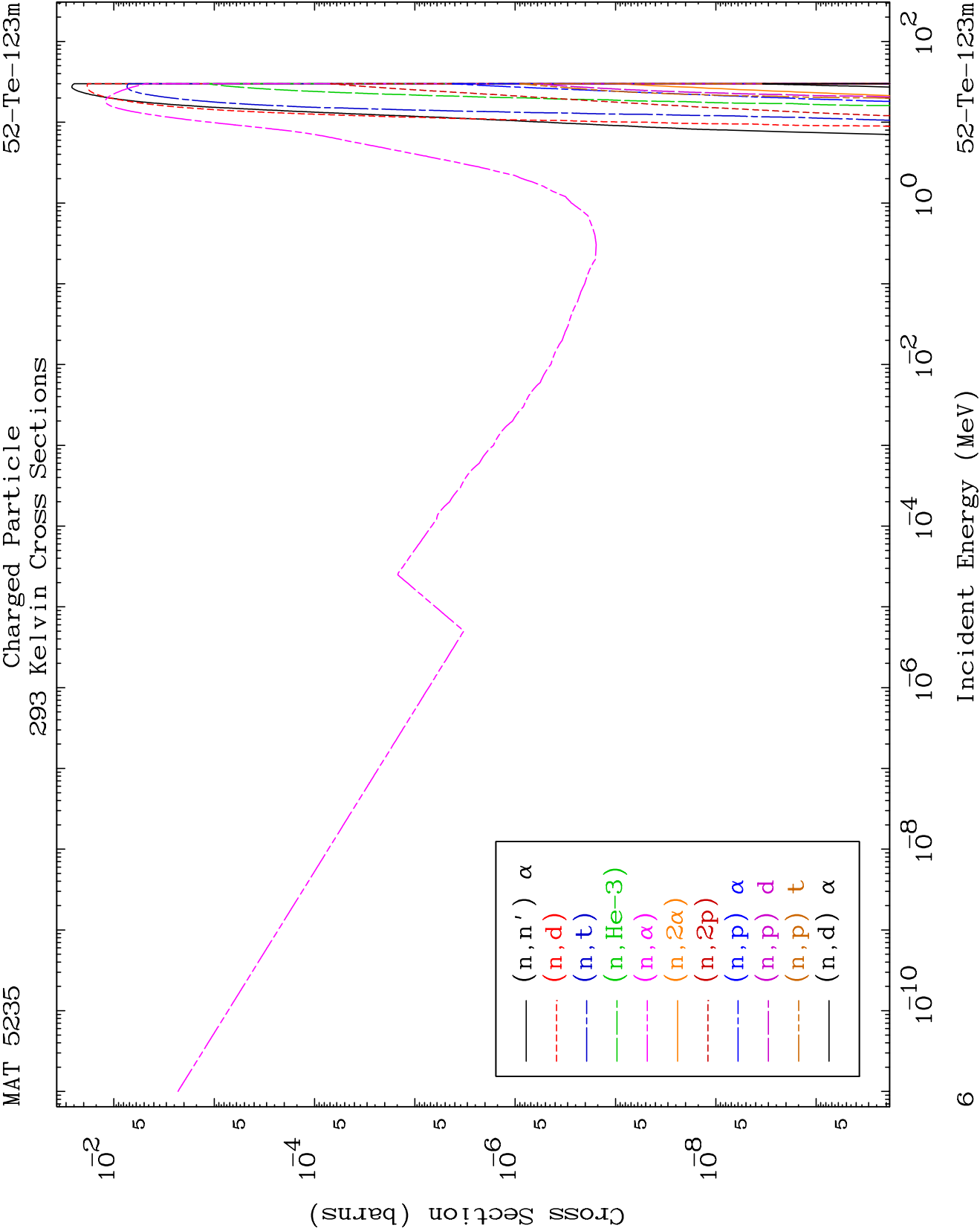
52-Te-123m

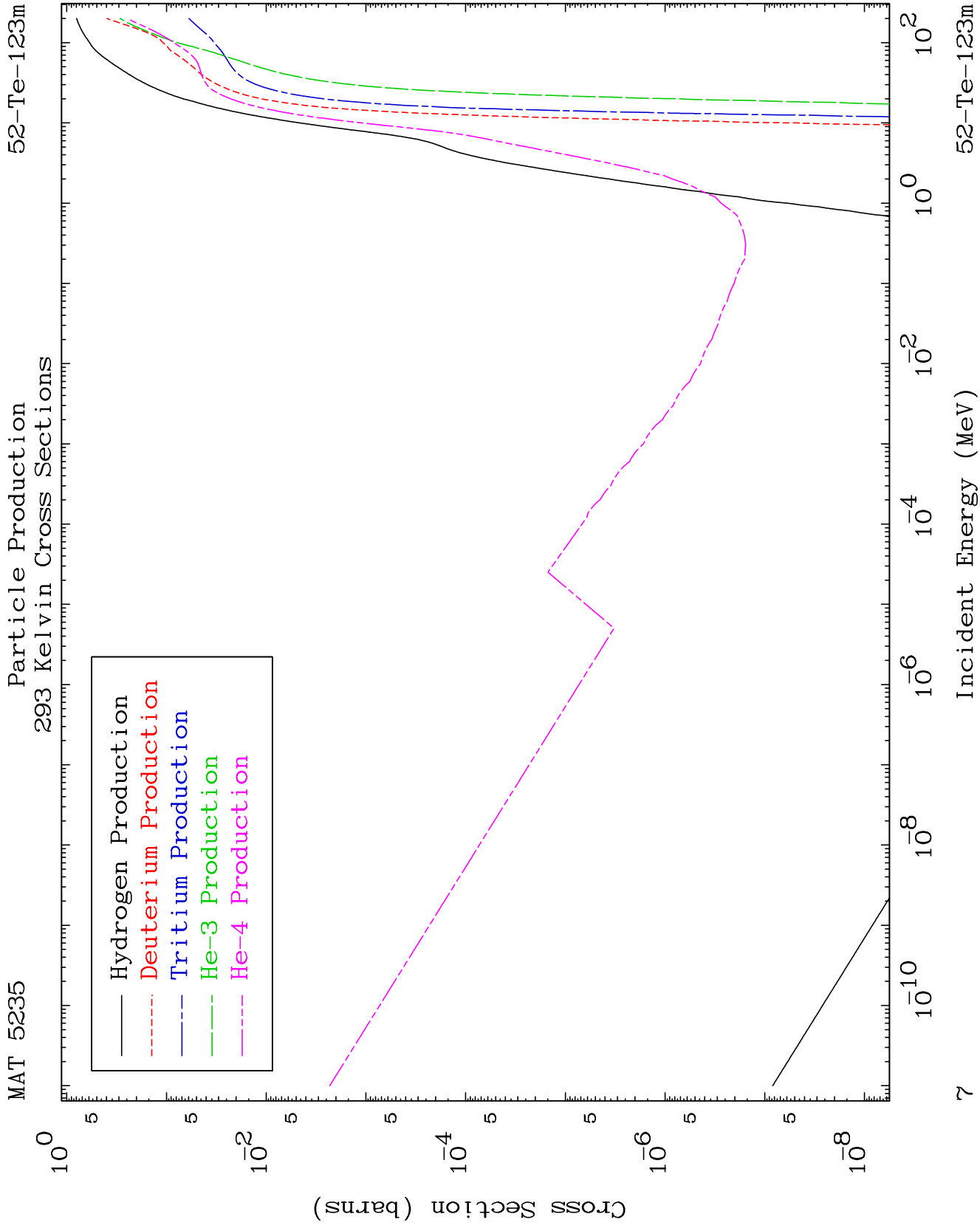


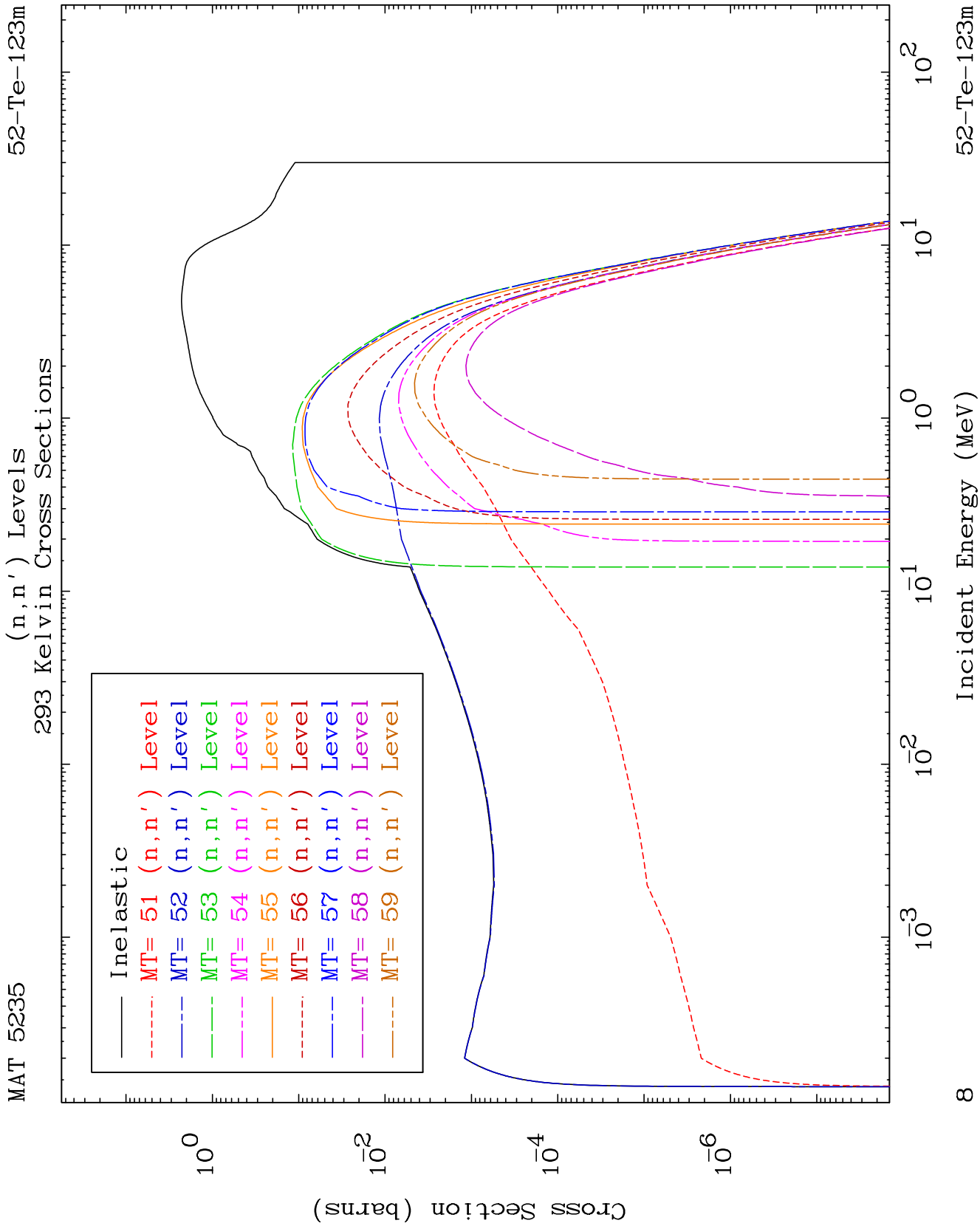


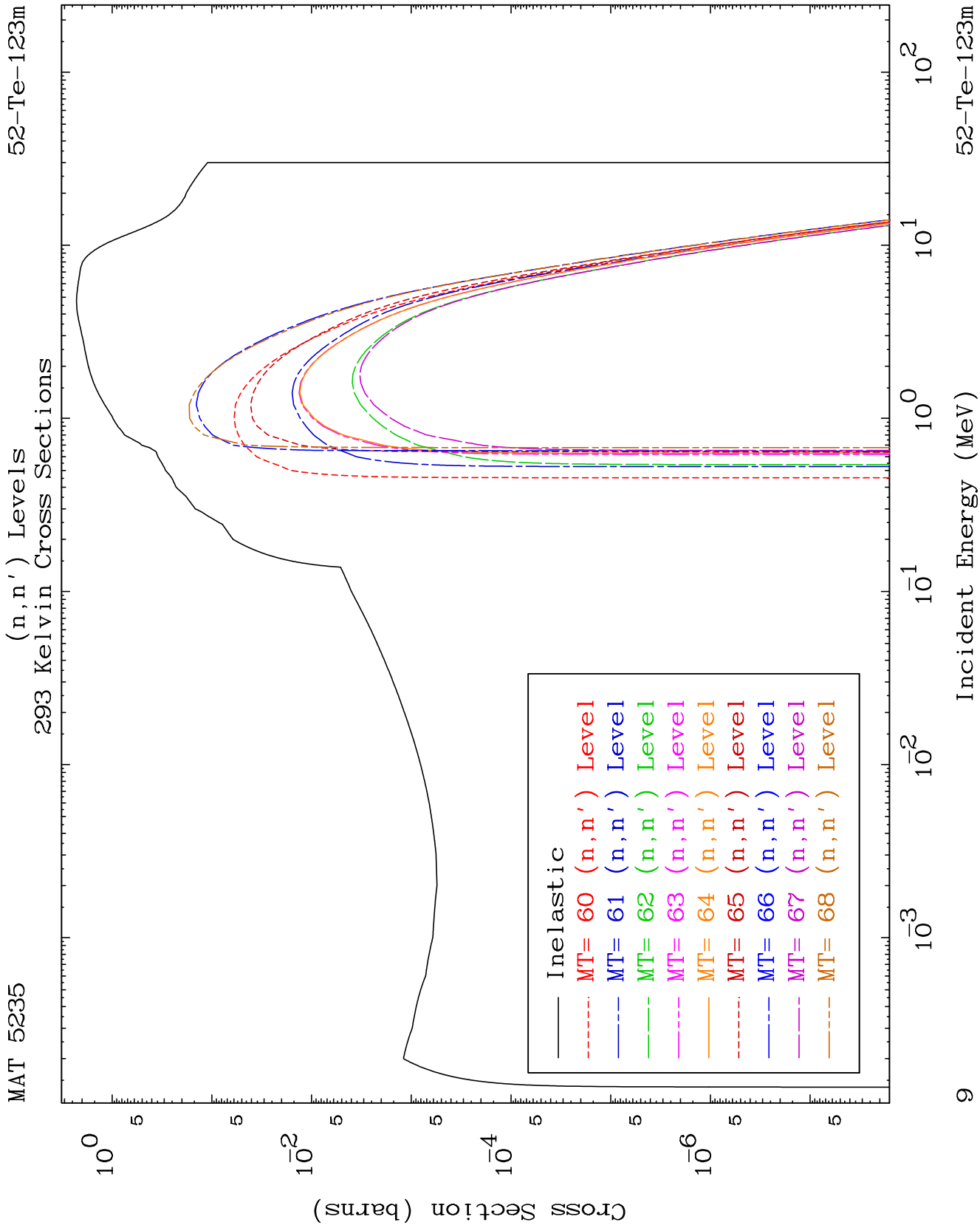


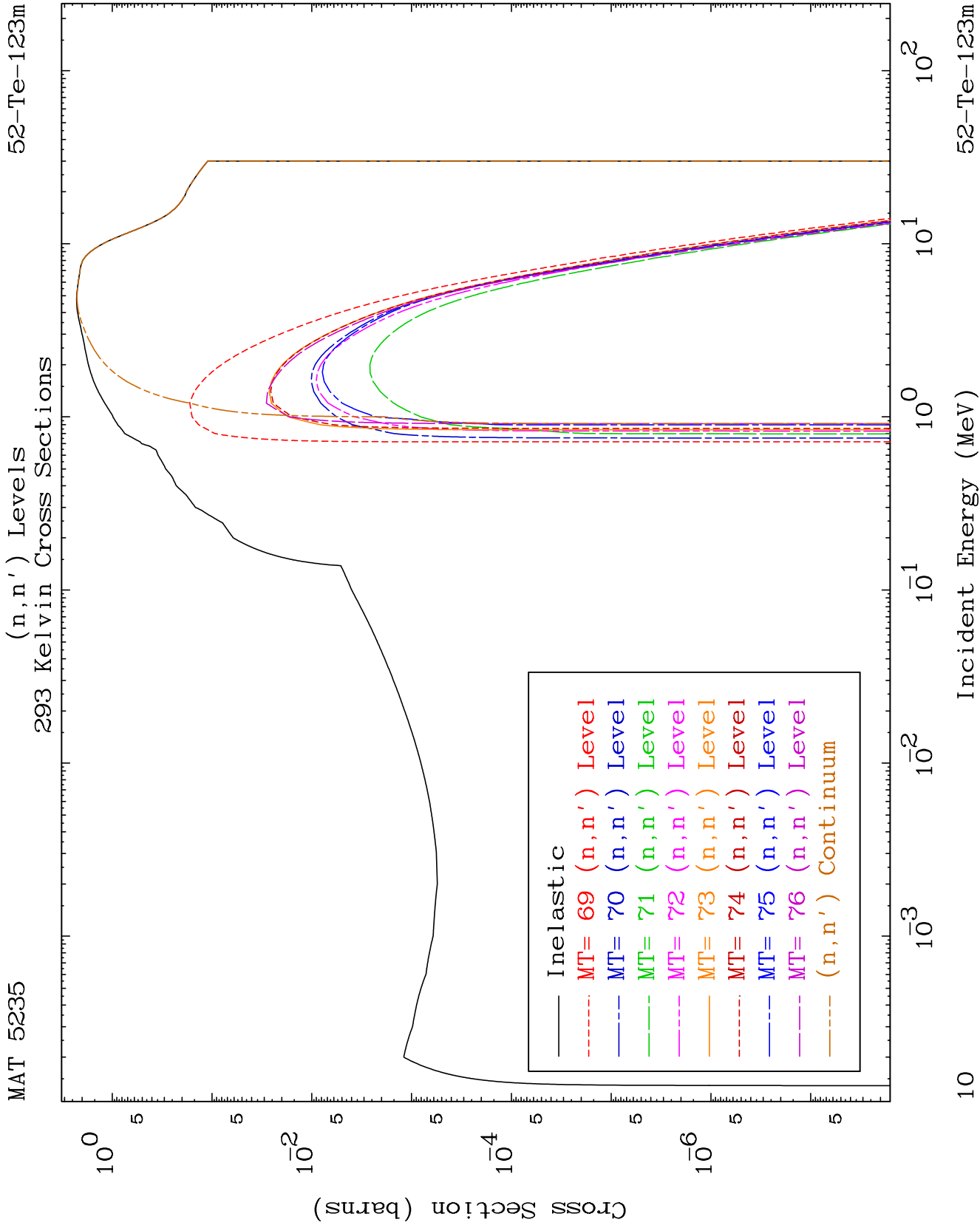


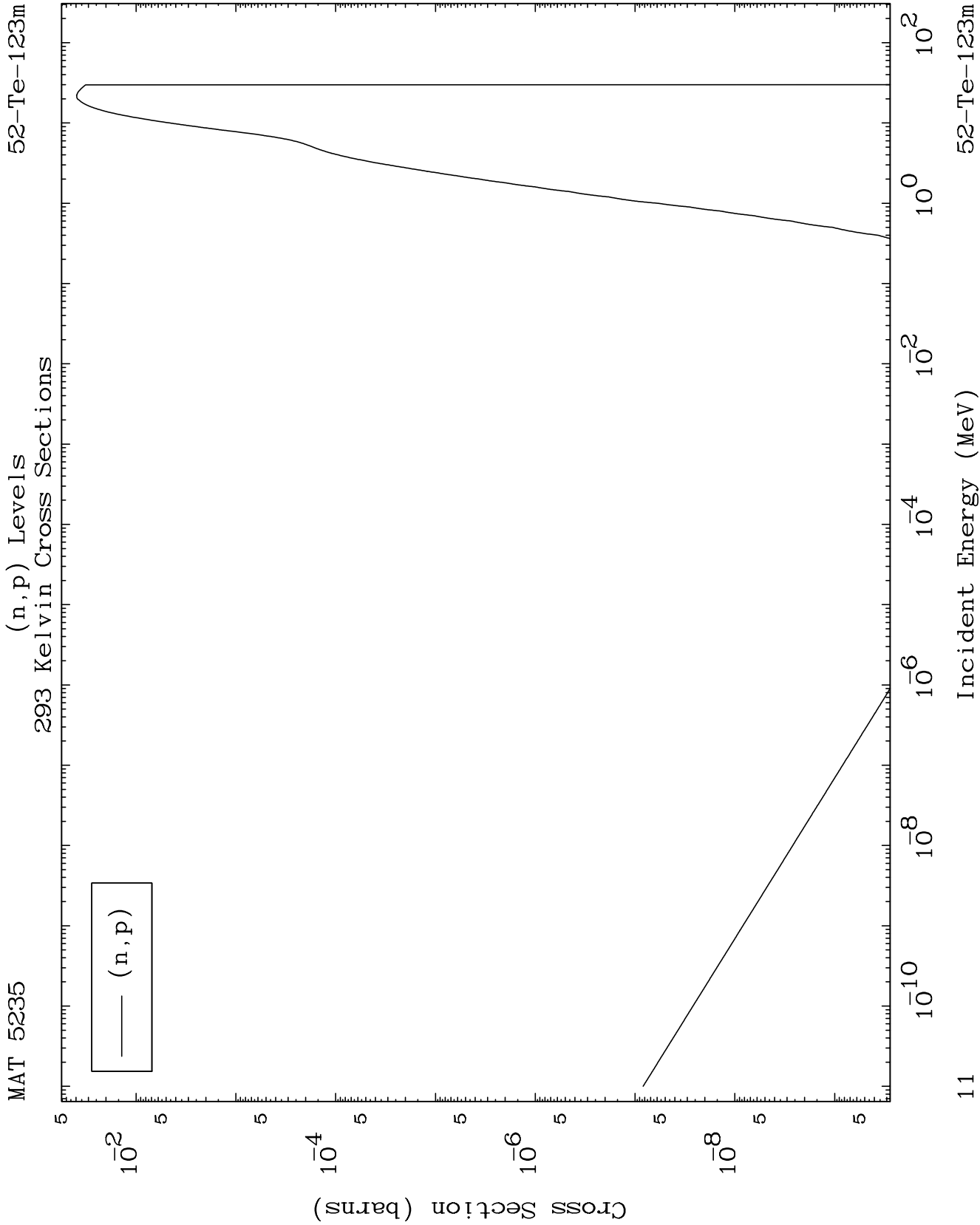








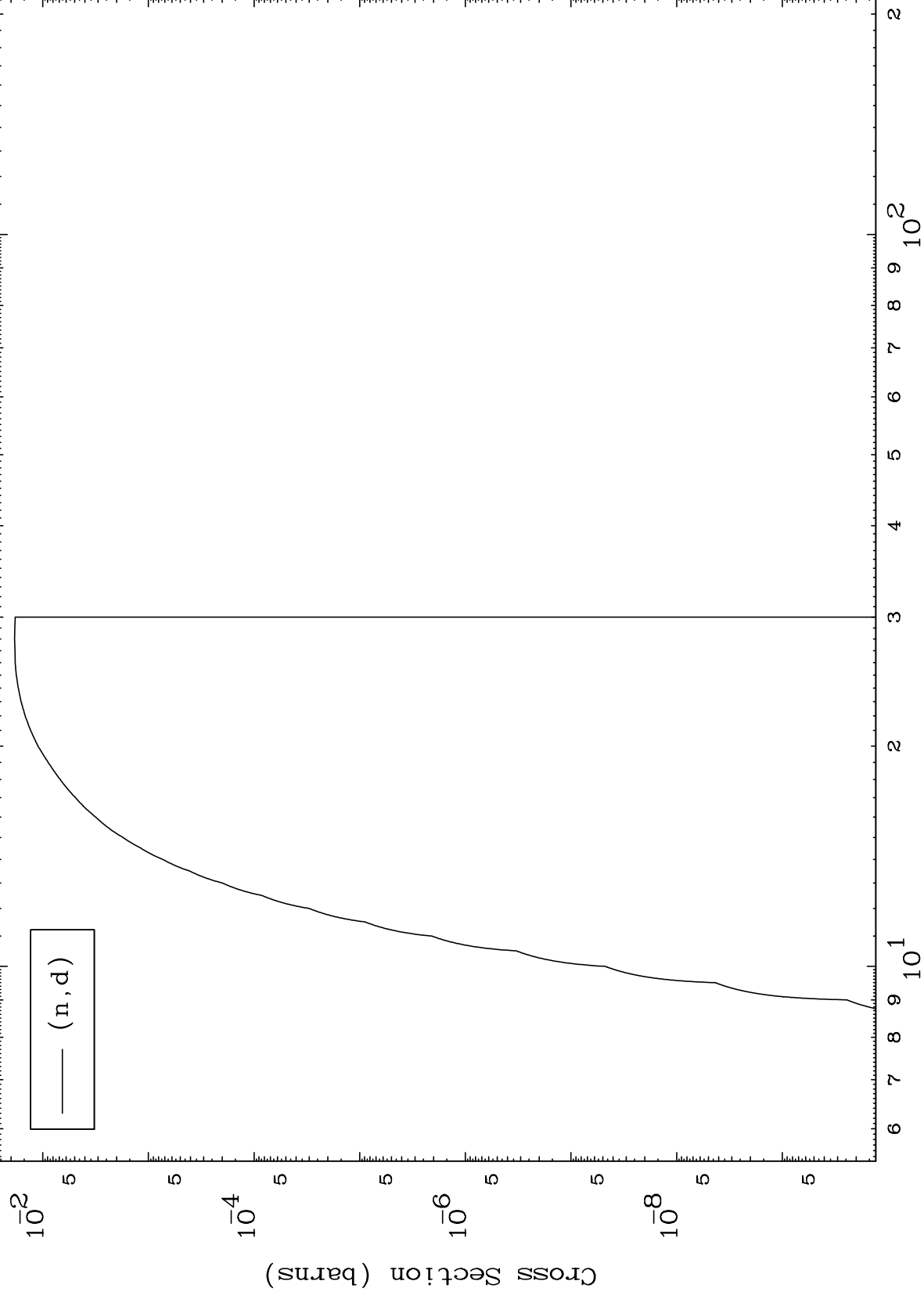




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(n,d) Levels
293 Kelvin Cross Sections

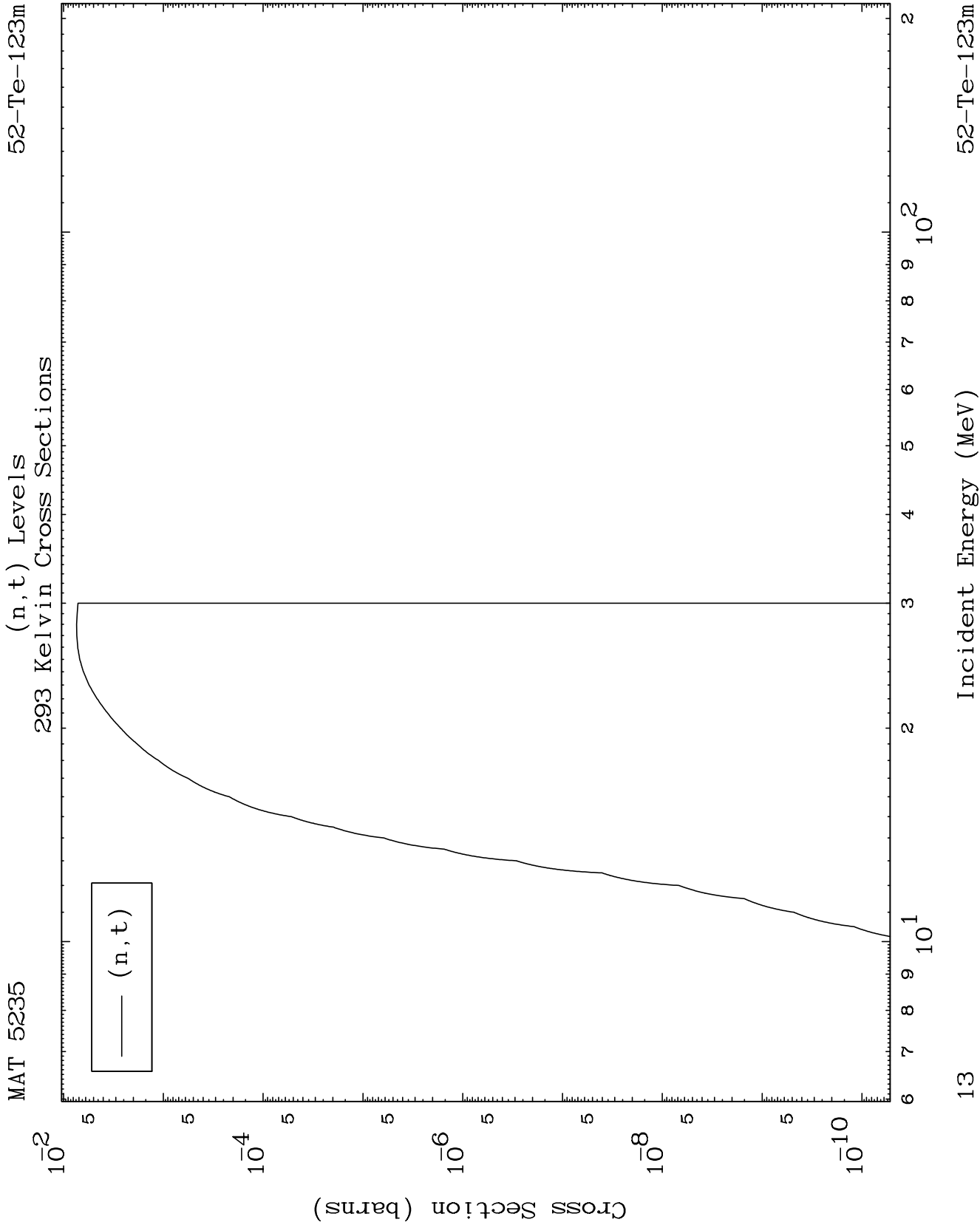
52-Te-123m



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Incident Energy (MeV)

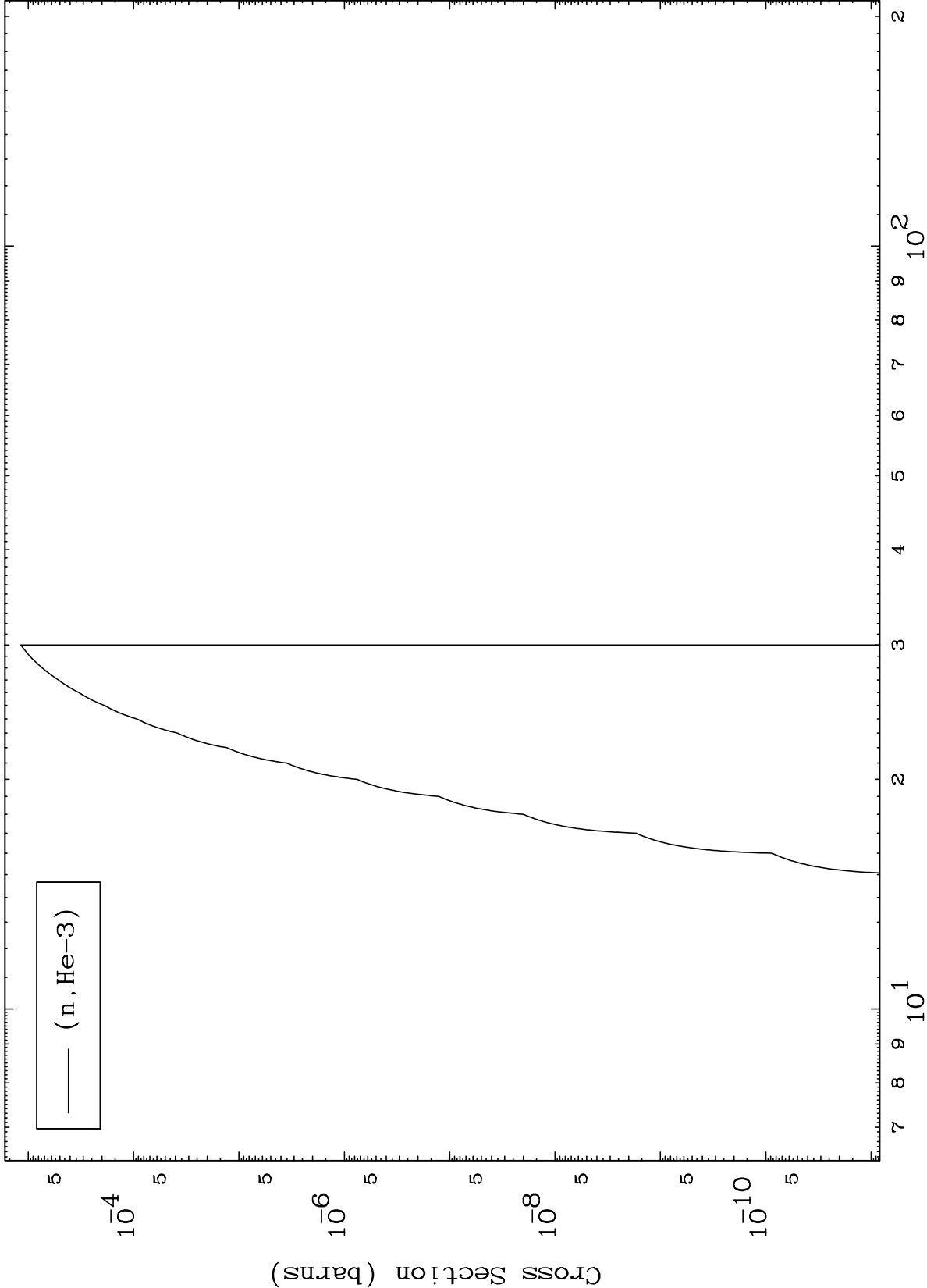
52-Te-123m



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(n,He3) Levels
293 Kelvin Cross Sections

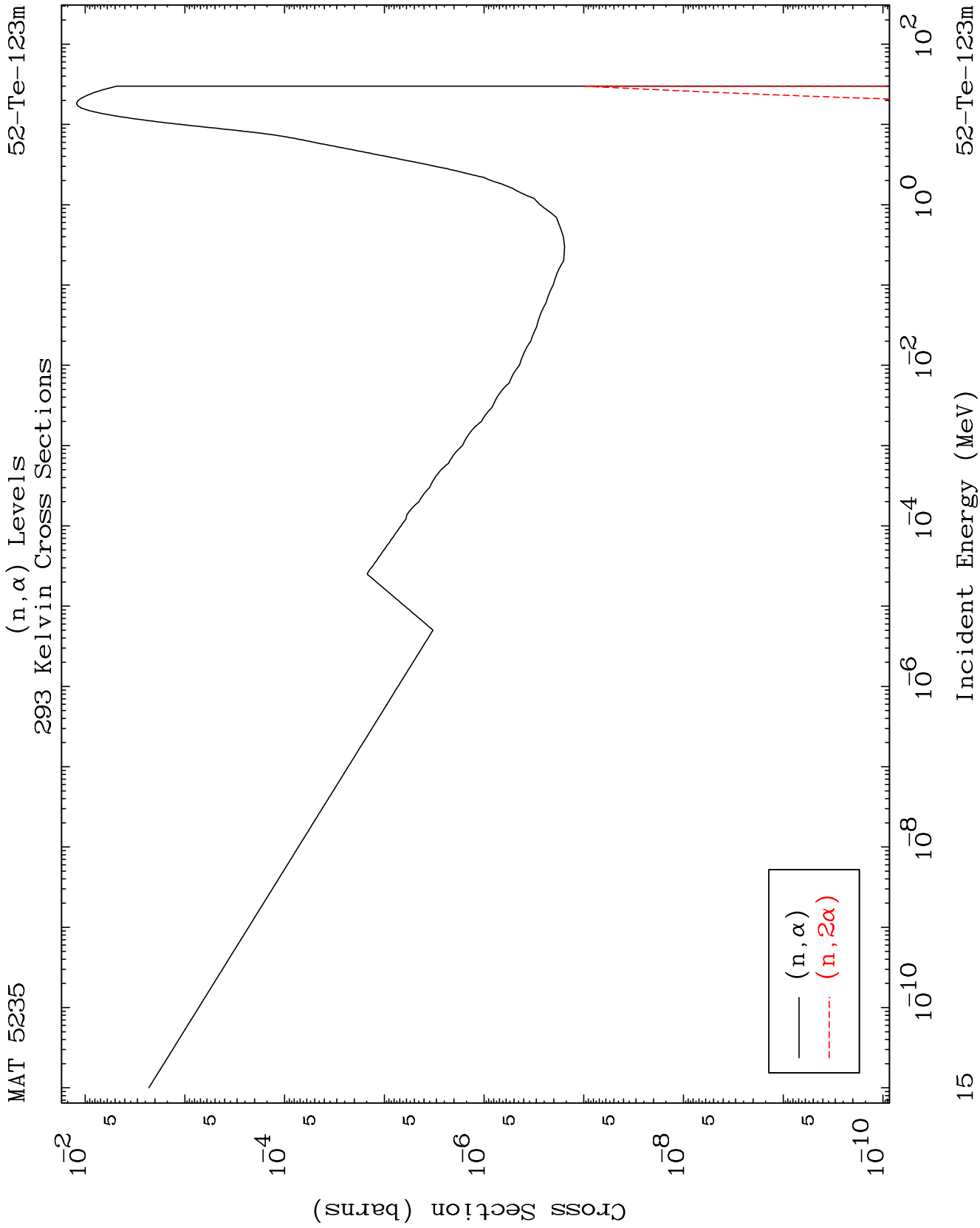
52-Te-123m

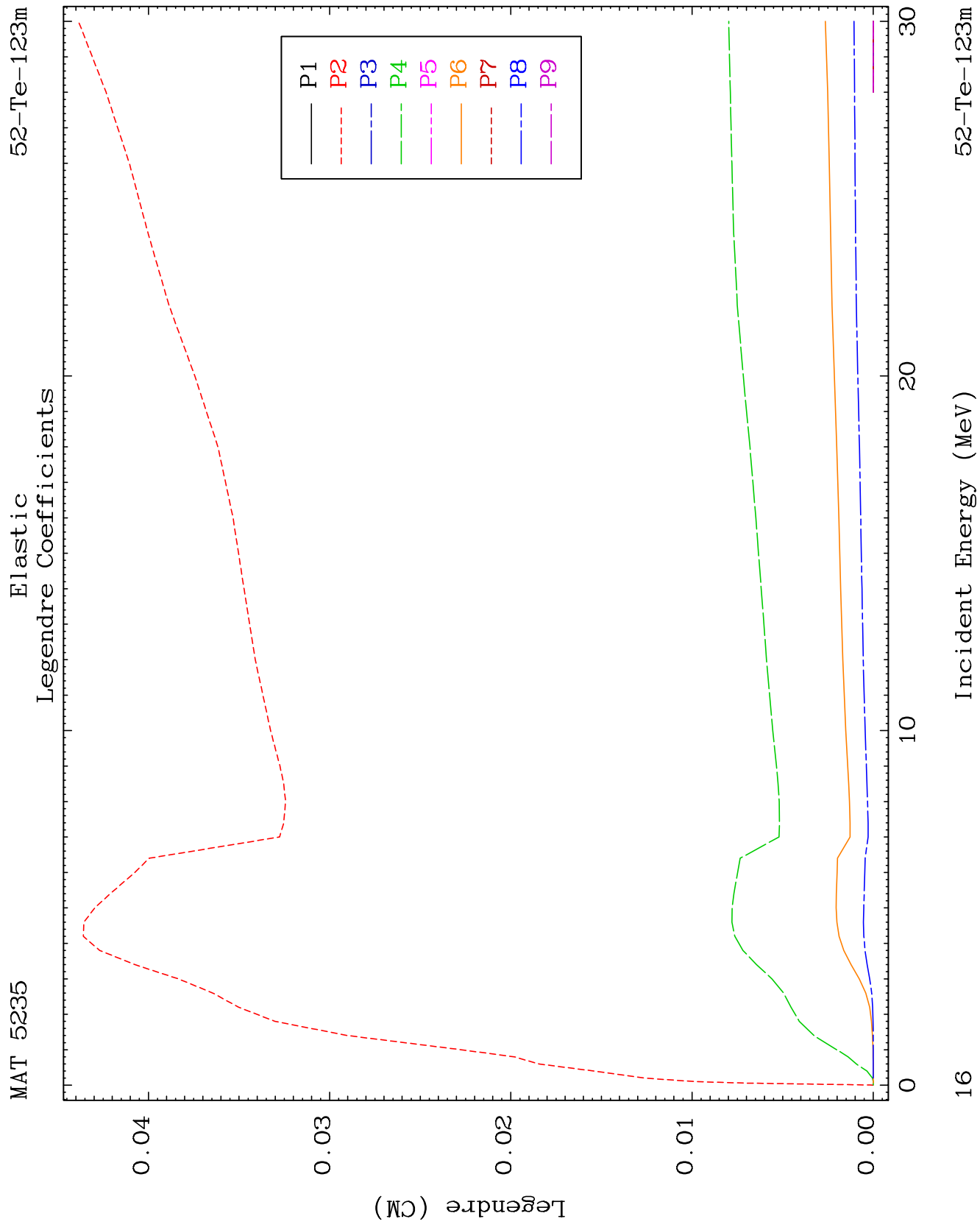


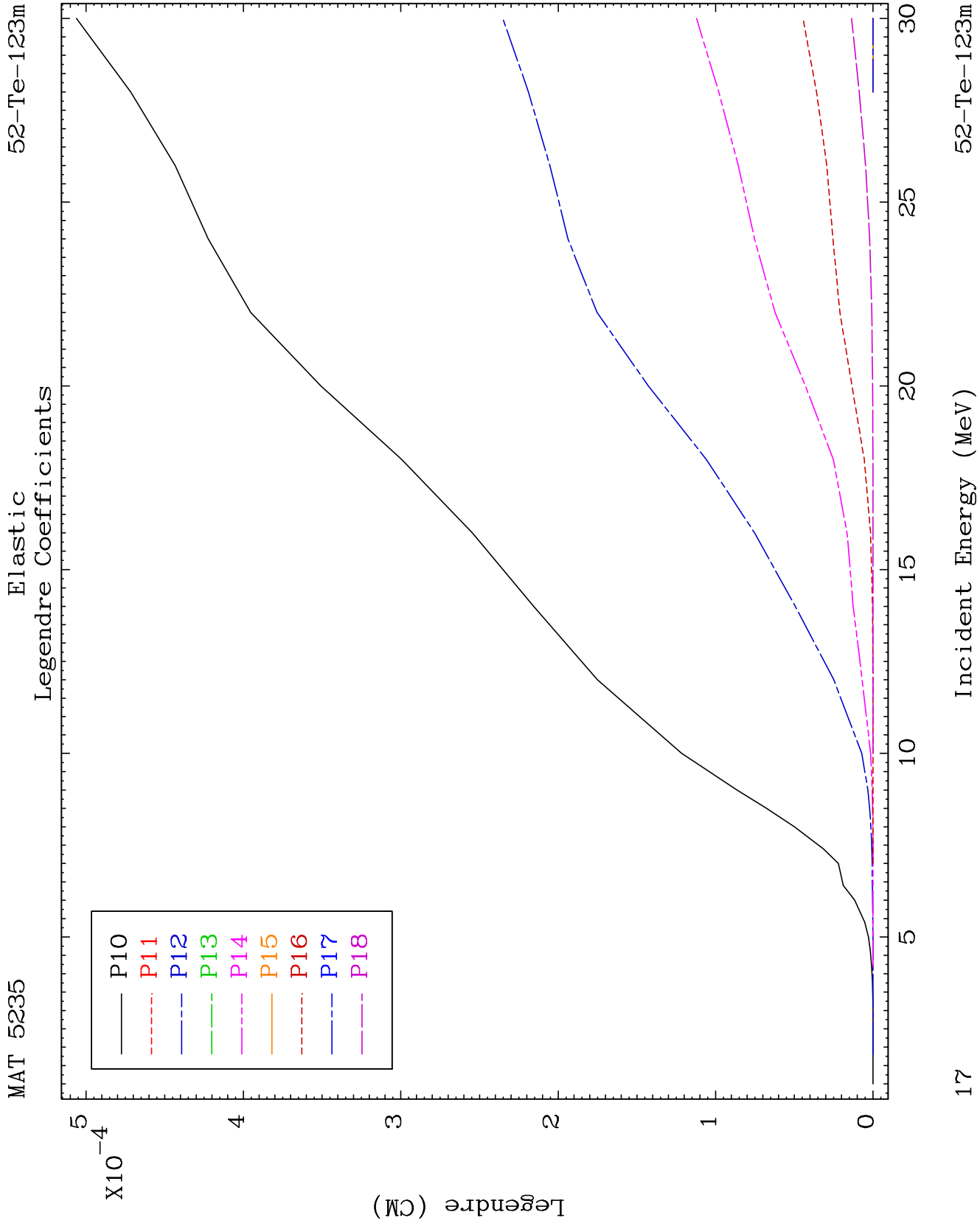
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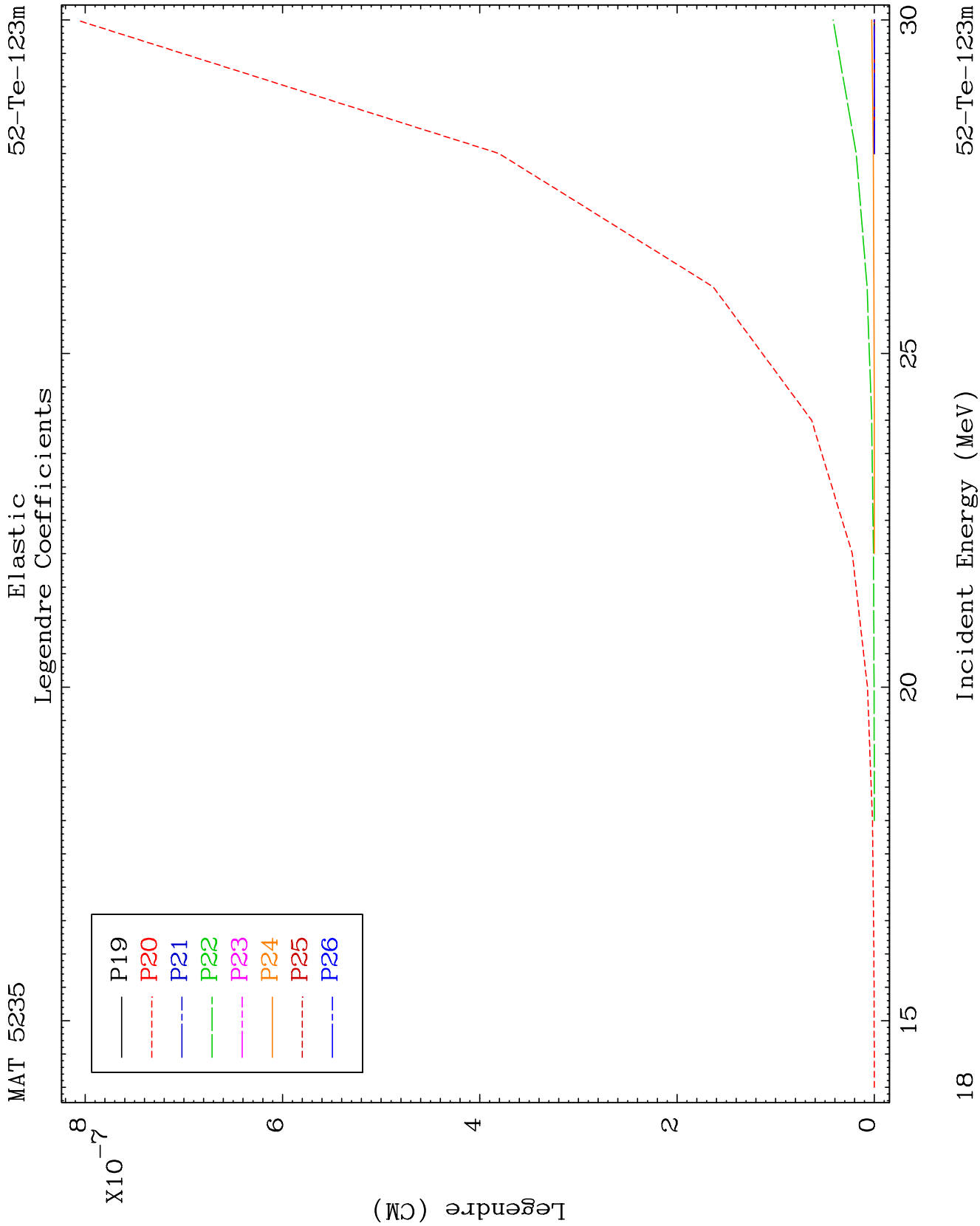
Incident Energy (MeV)

52-Te-123m





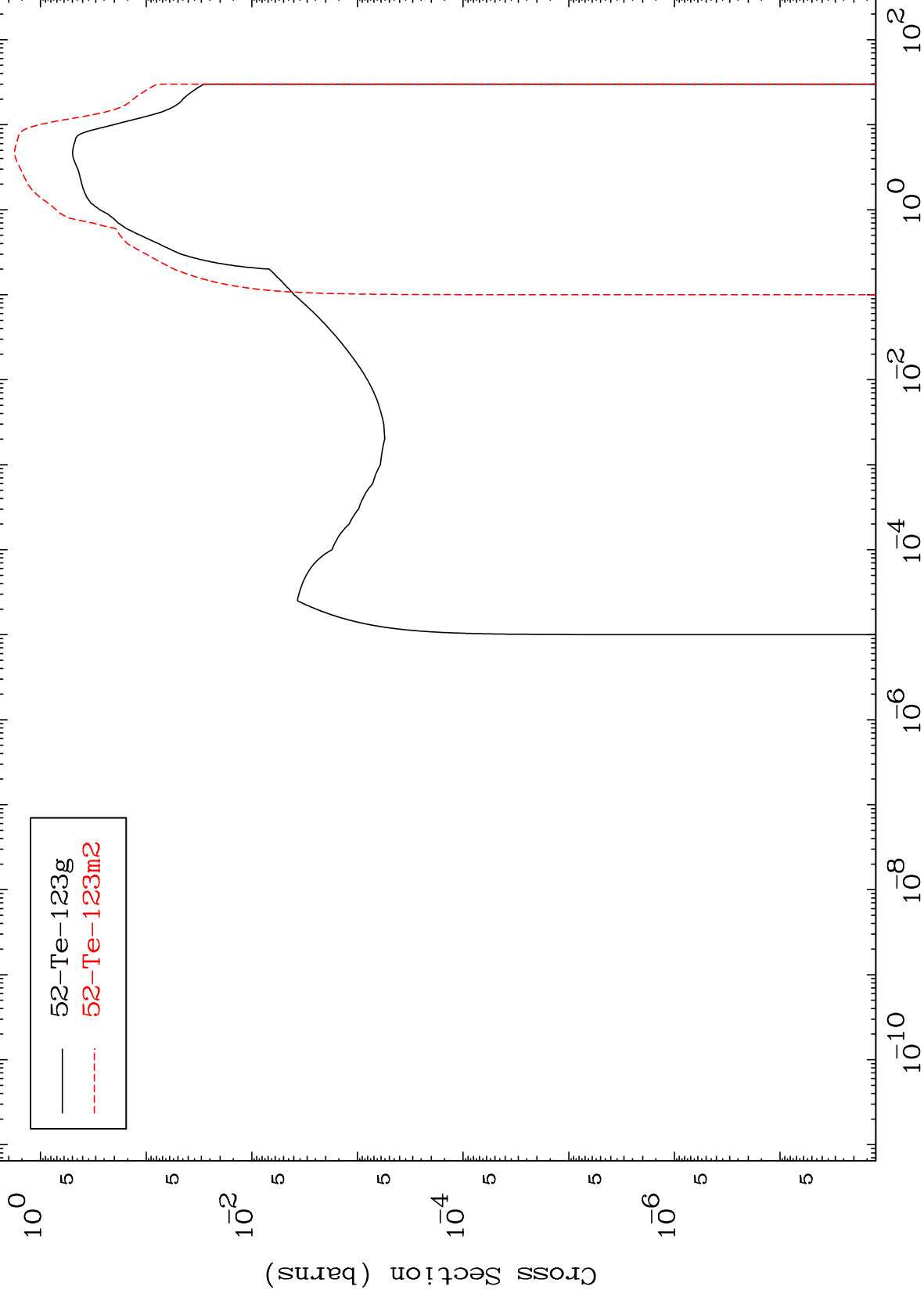




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Inelastic
Radionuclide Production Cross Section

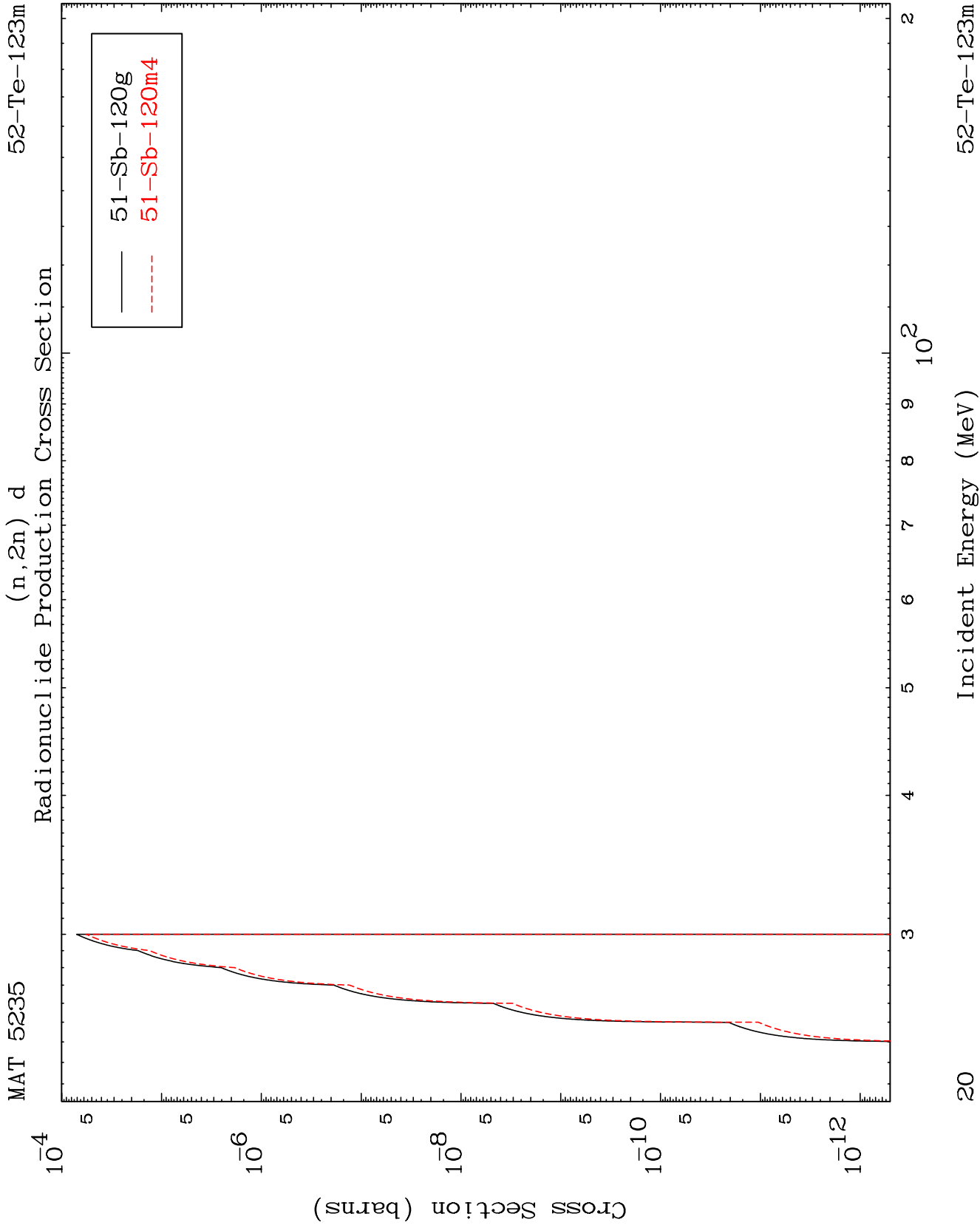
52-Te-123m



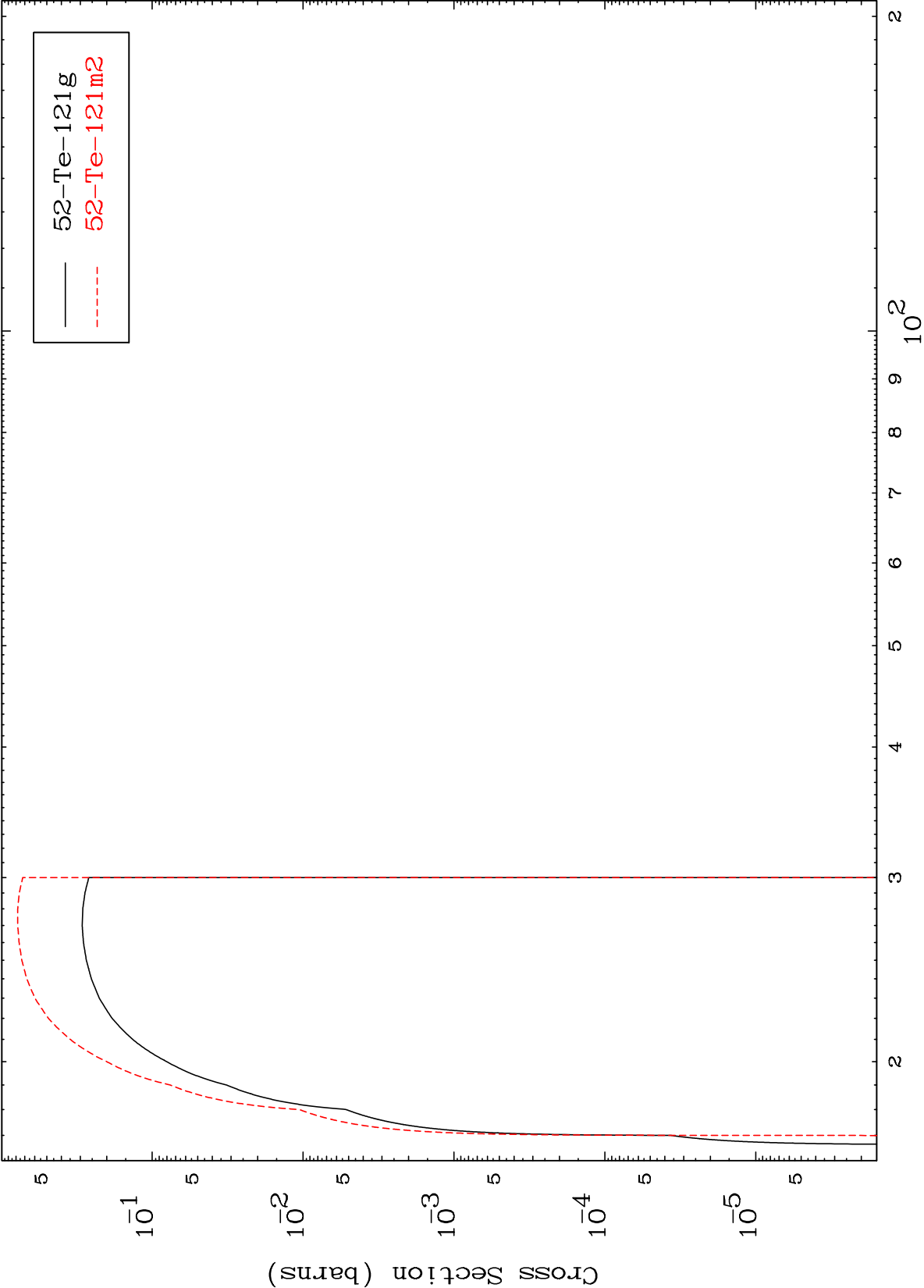
19

Incident Energy (MeV)

52-Te-123m



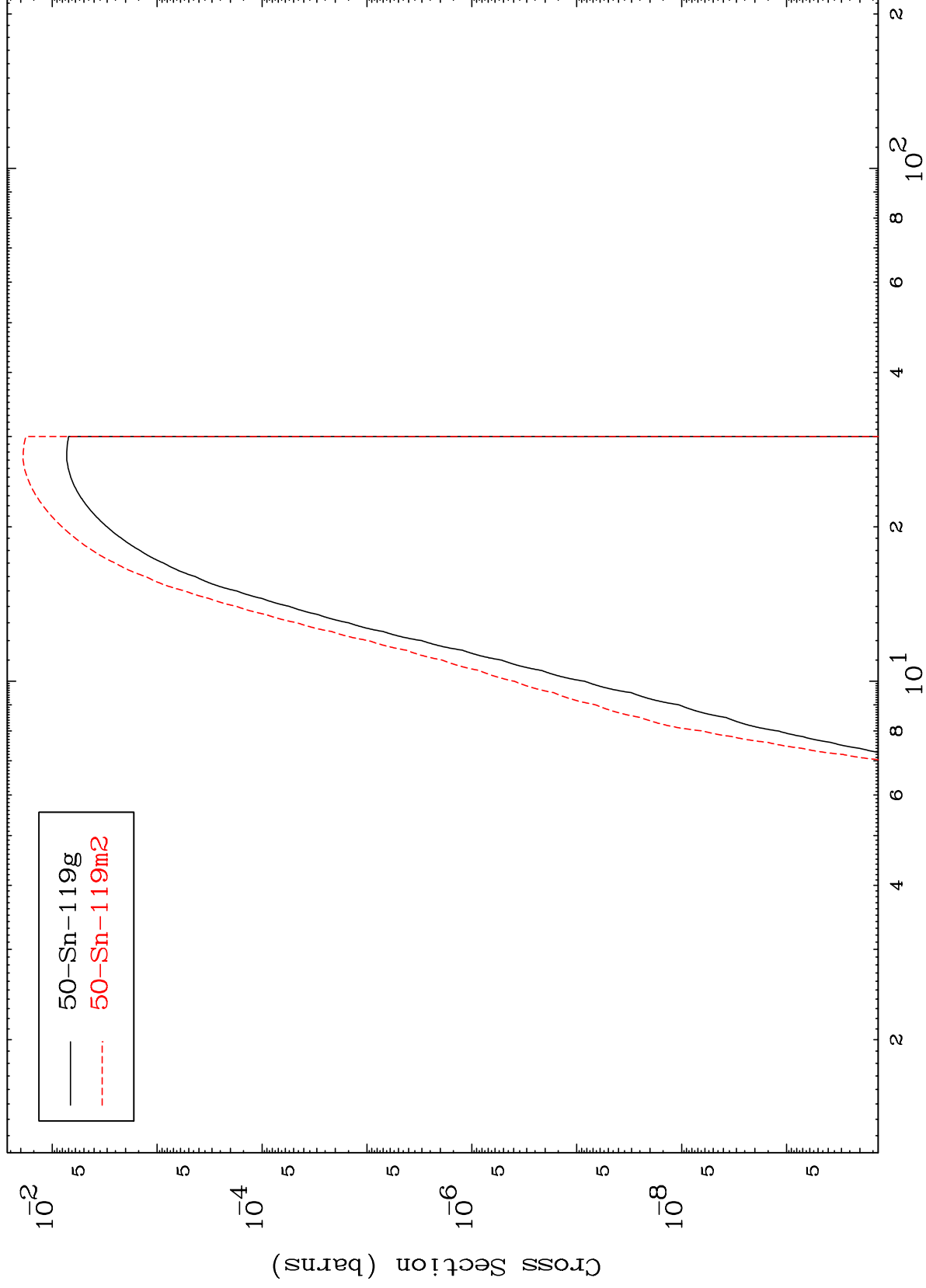
(n,3n)
Radionuclide Production Cross Section



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52-Te-123m

(n,n') α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

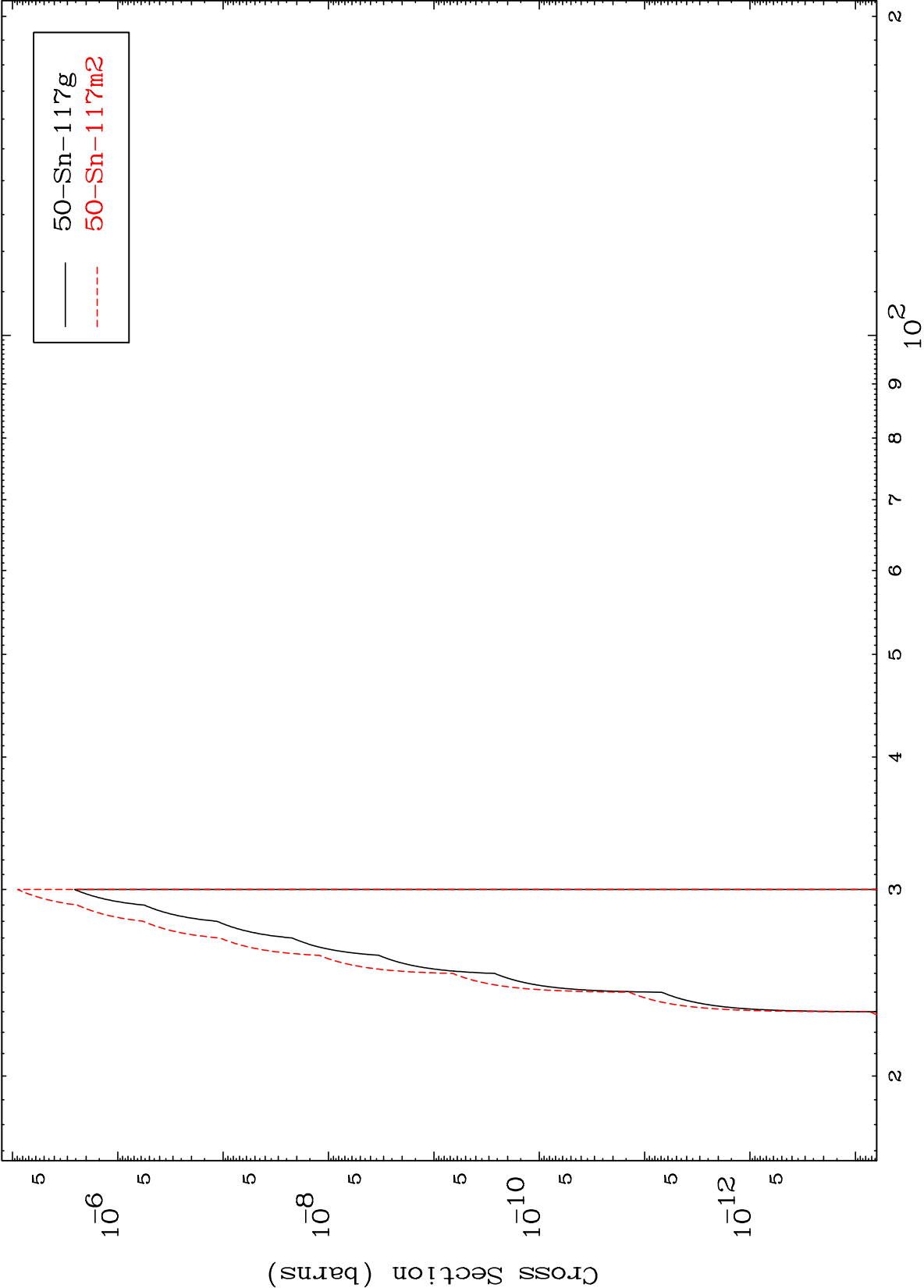
52-Te-123m

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(n,3n) α

52-Te-123m

Radionuclide Production Cross Section



23

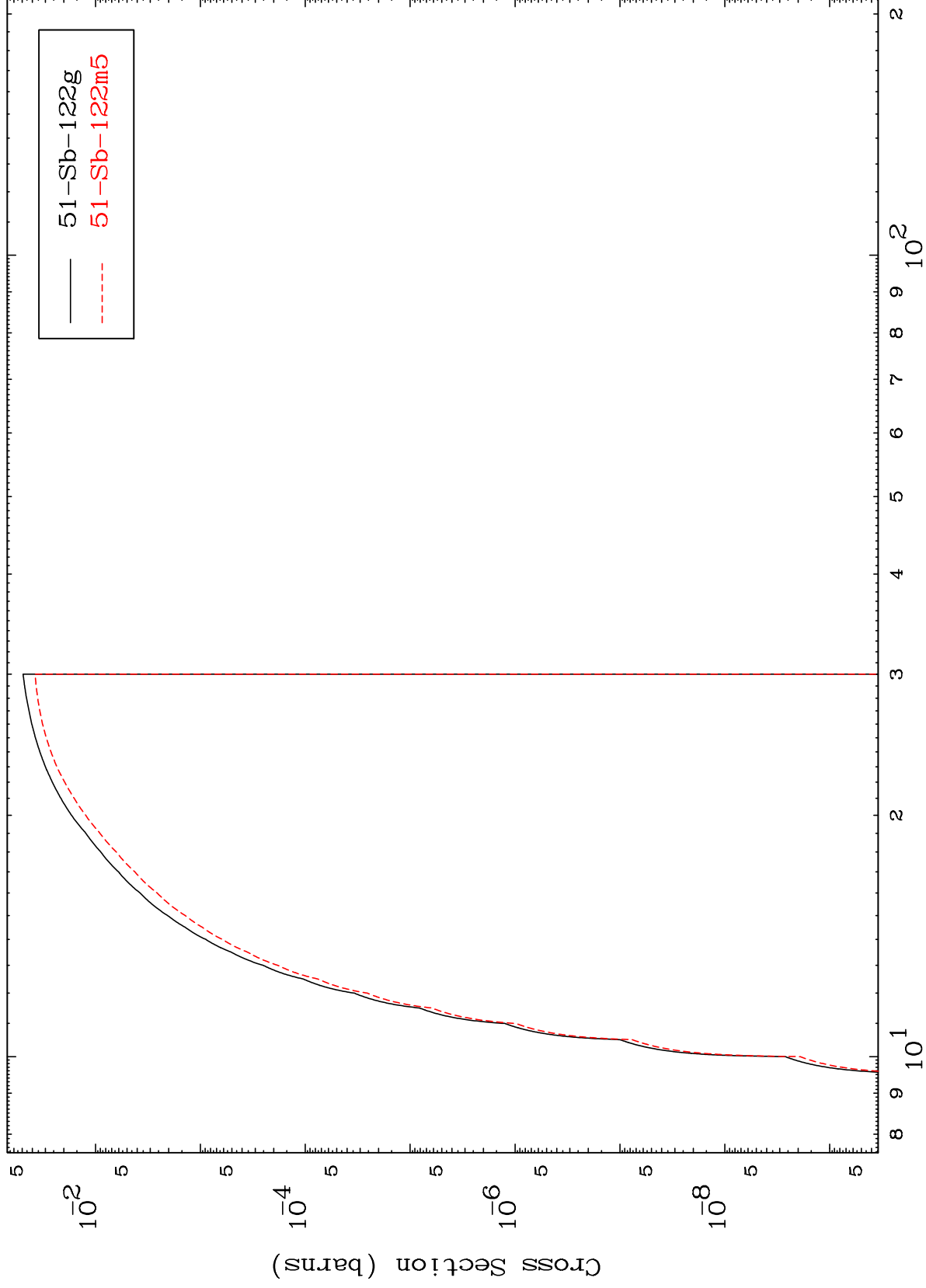
Incident Energy (MeV)

52-Te-123m

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52-Te-123m

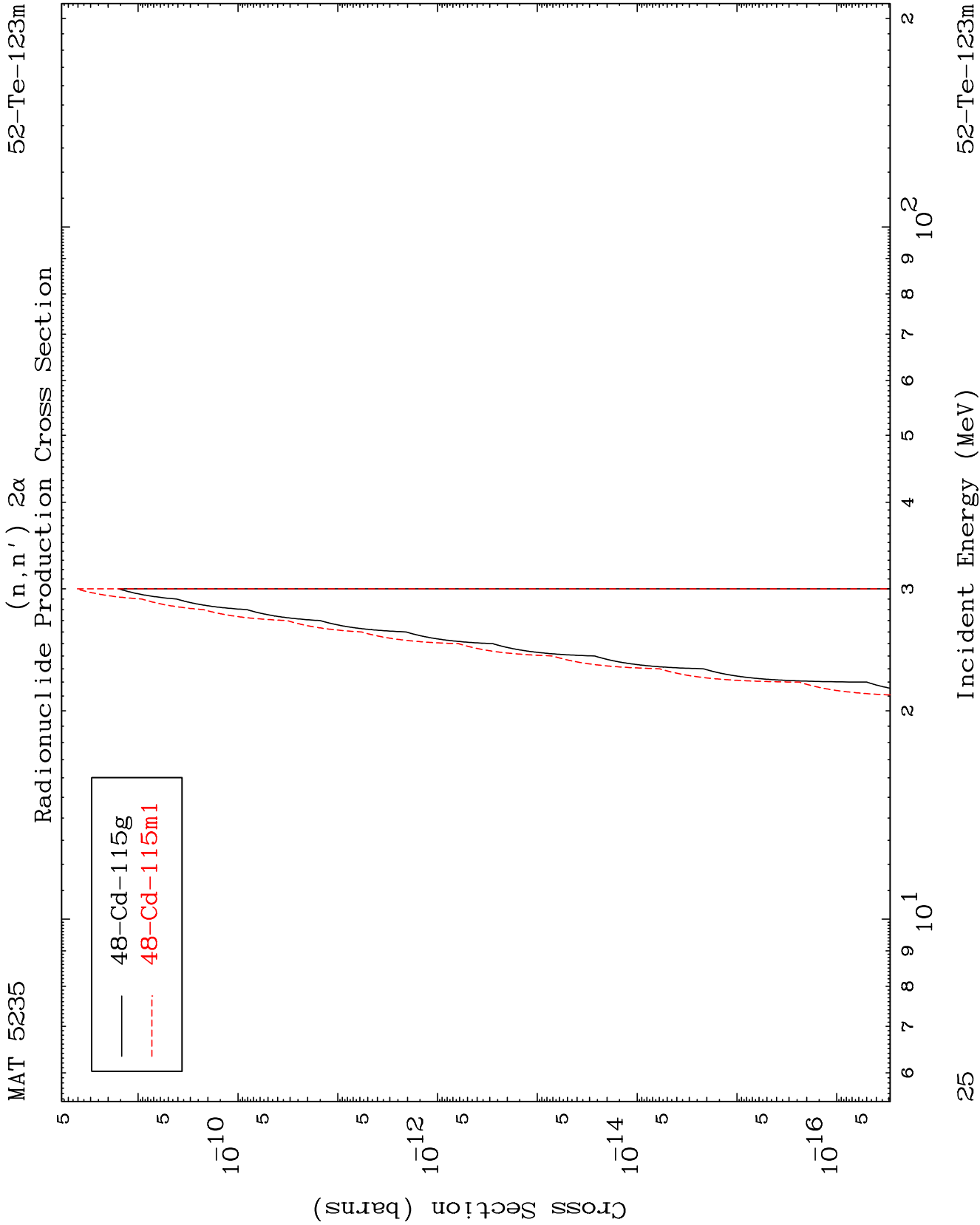
(n,n') p
Radionuclide Production Cross Section



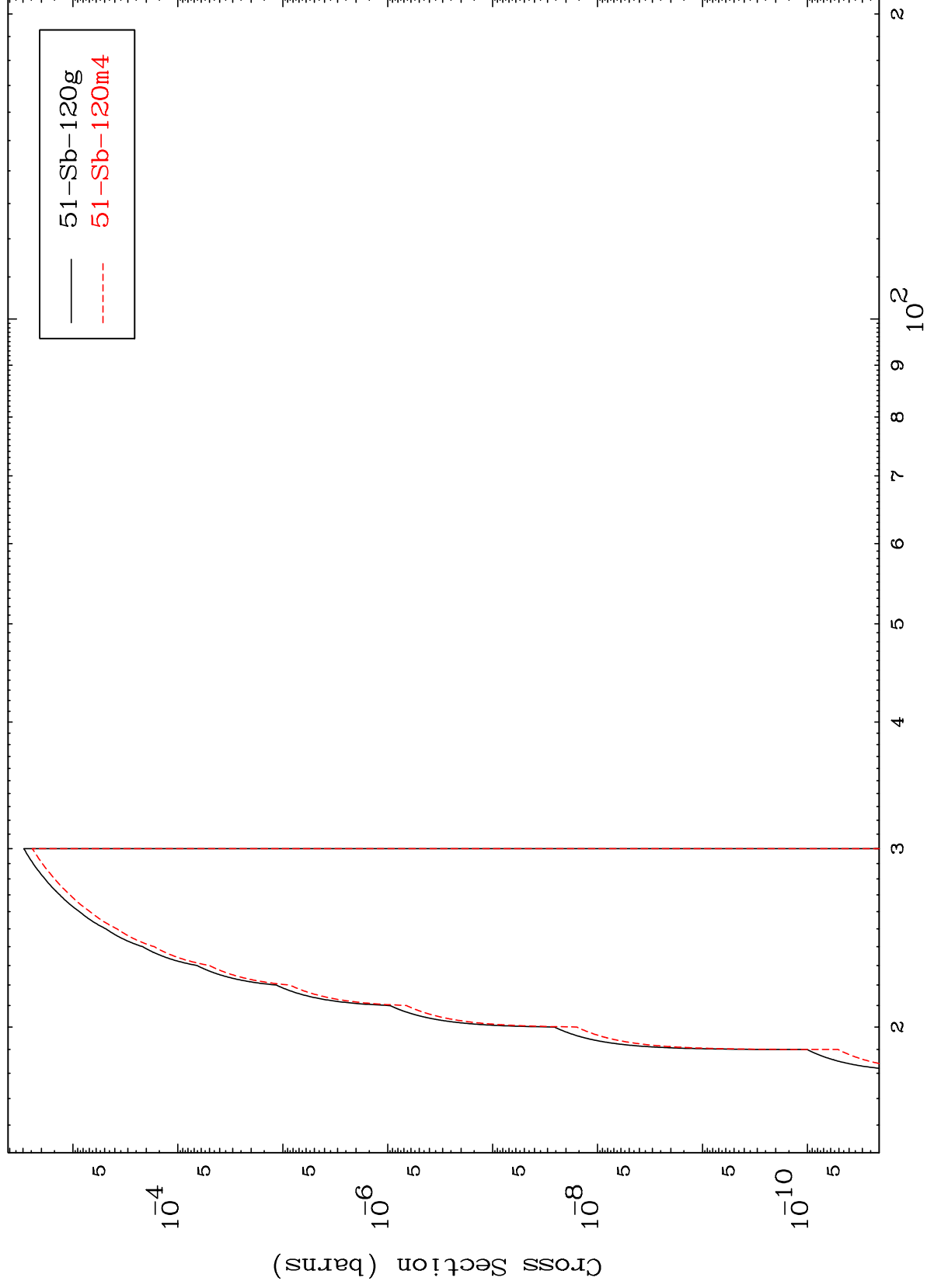
52-Te-123m

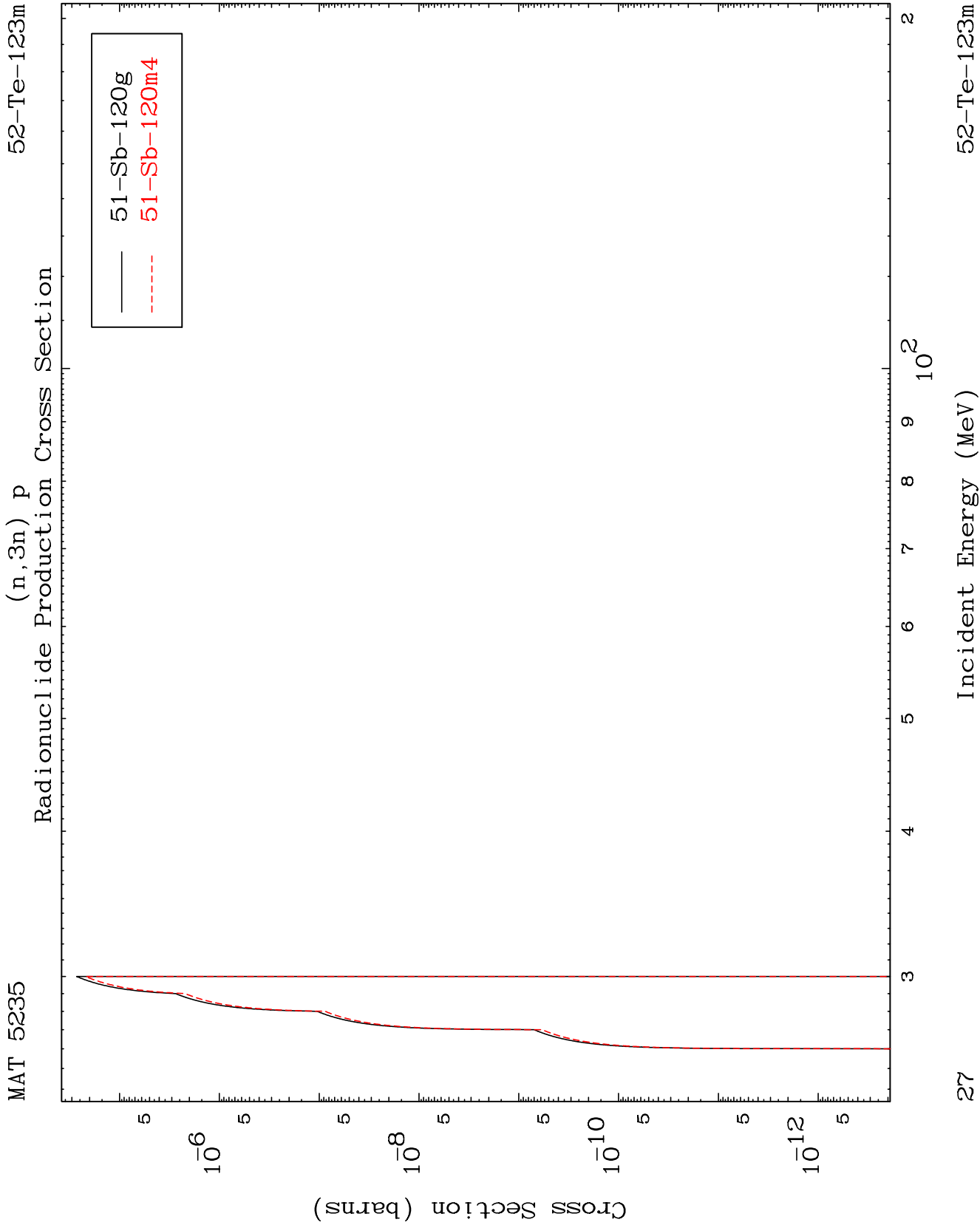
Incident Energy (MeV)

24



(n,n') t
Radionuclide Production Cross Section

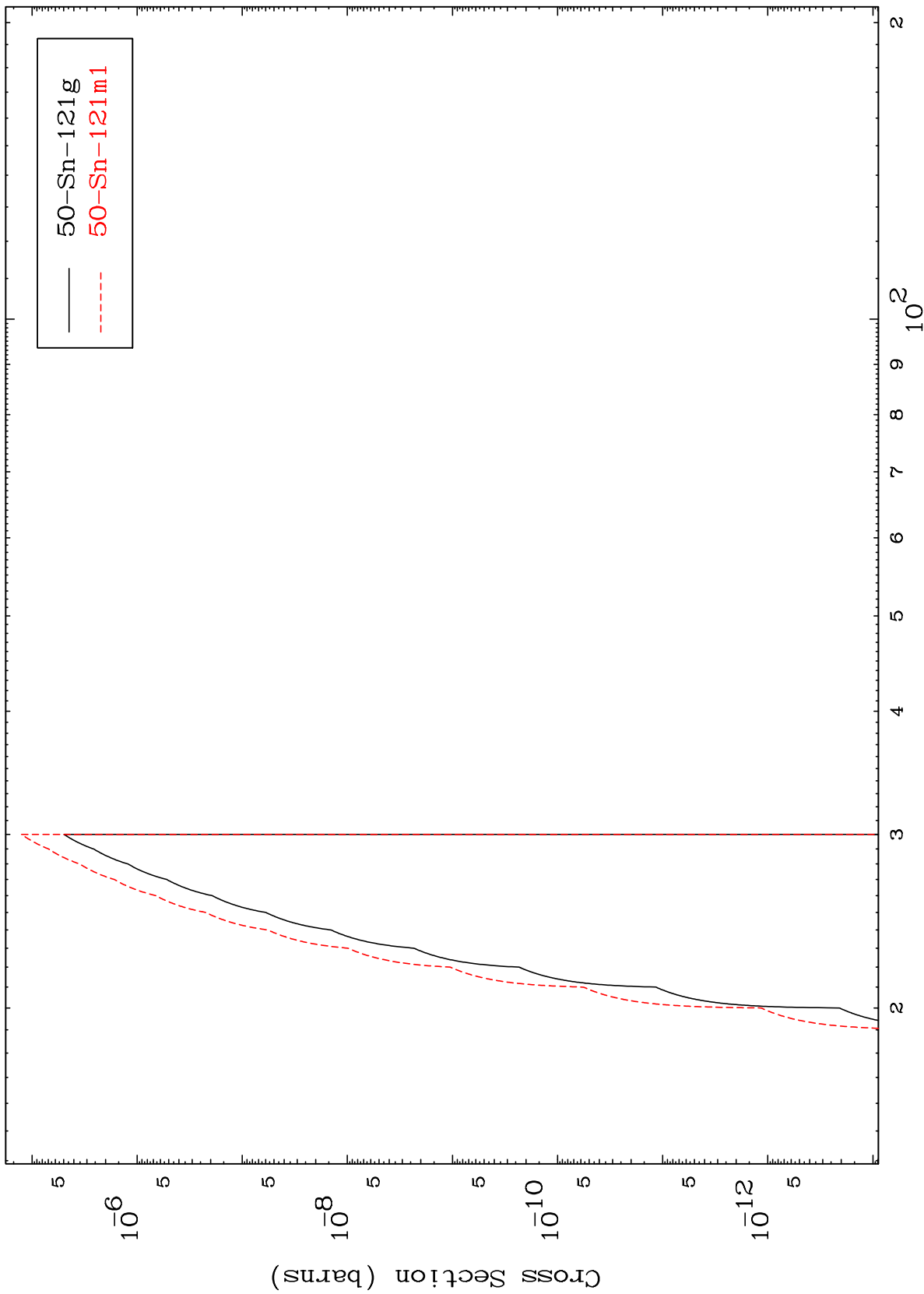




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52-Te-123m

(n,2n) p
Radionuclide Production Cross Section

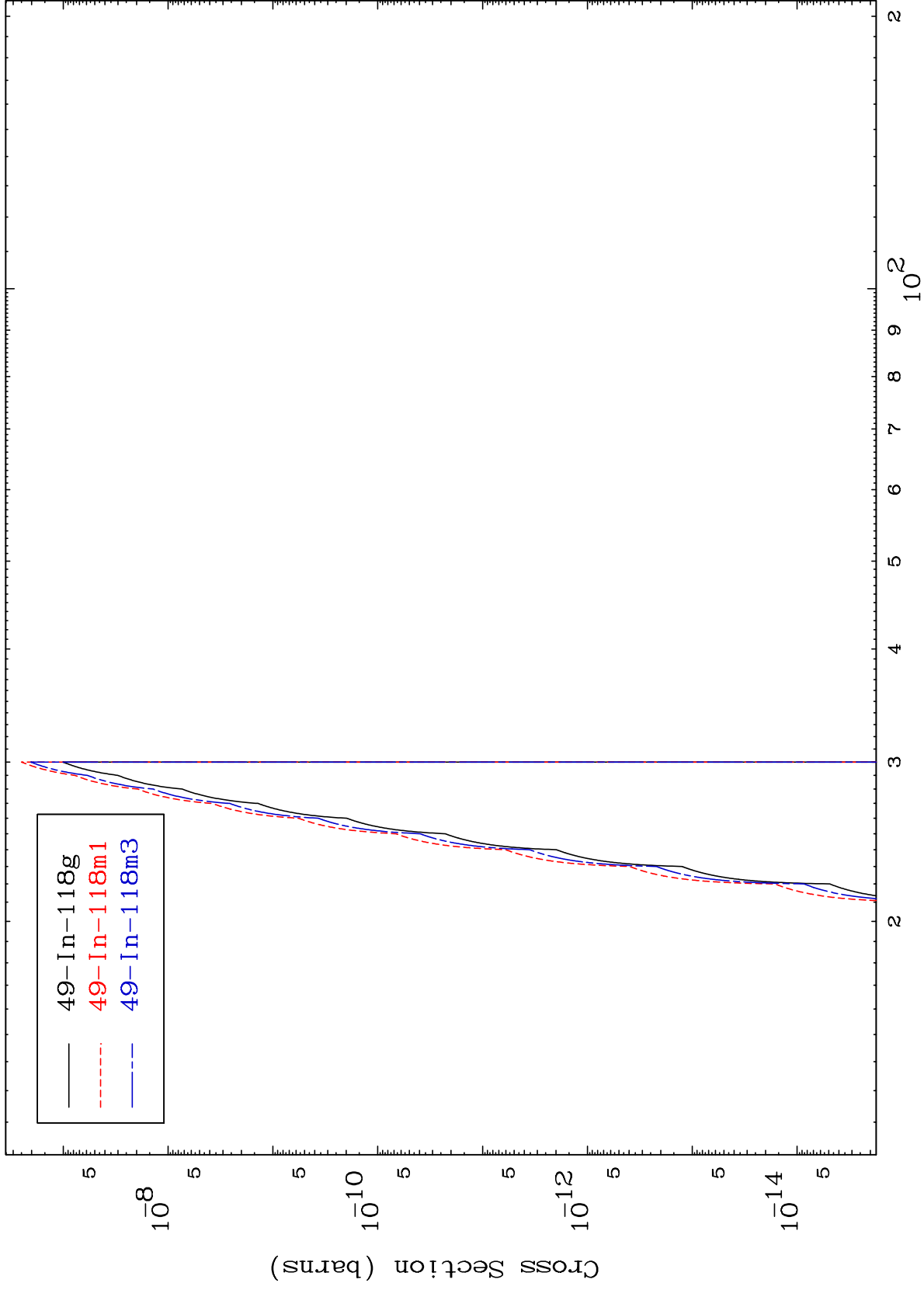


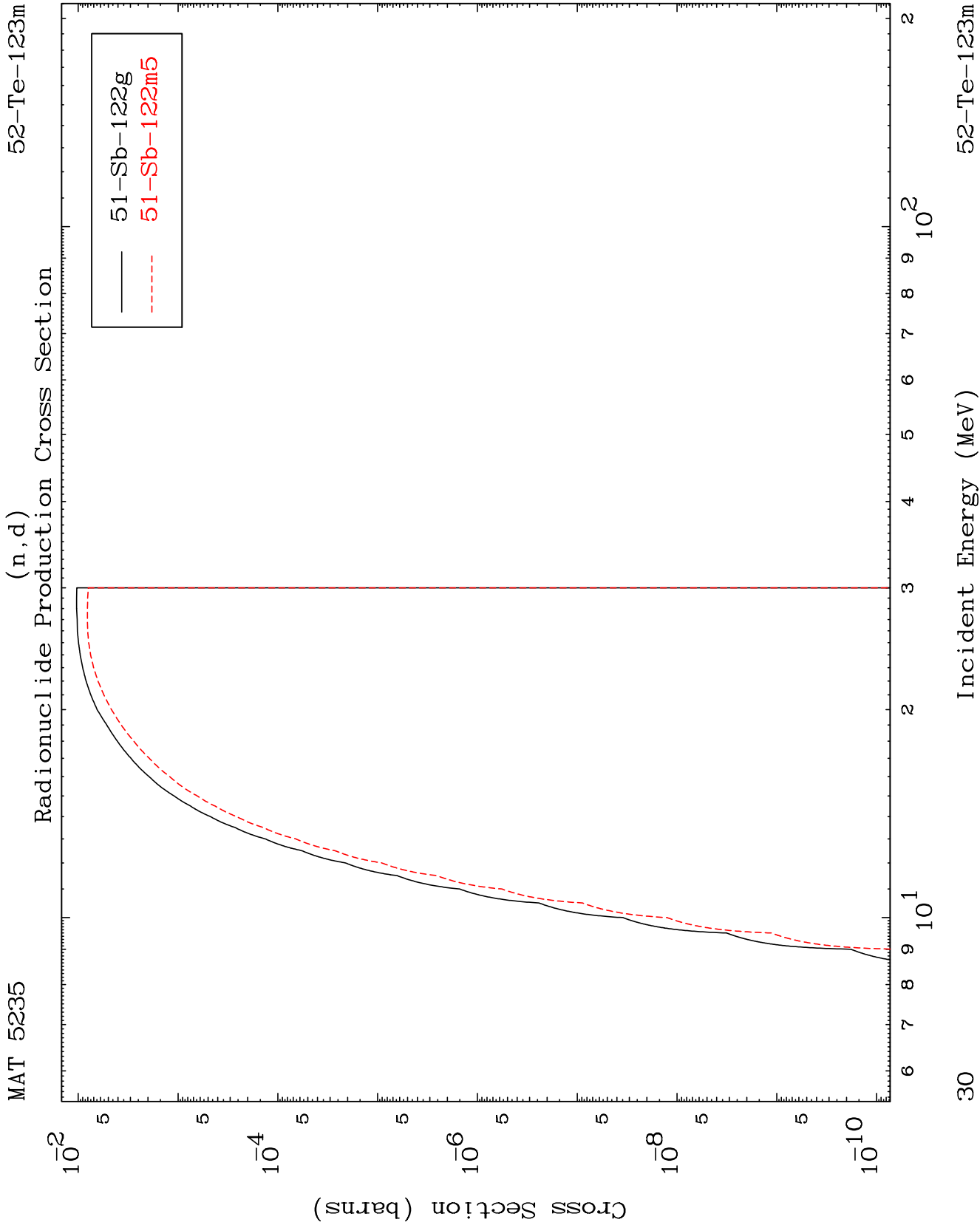
28

Incident Energy (MeV)

52-Te-123m

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

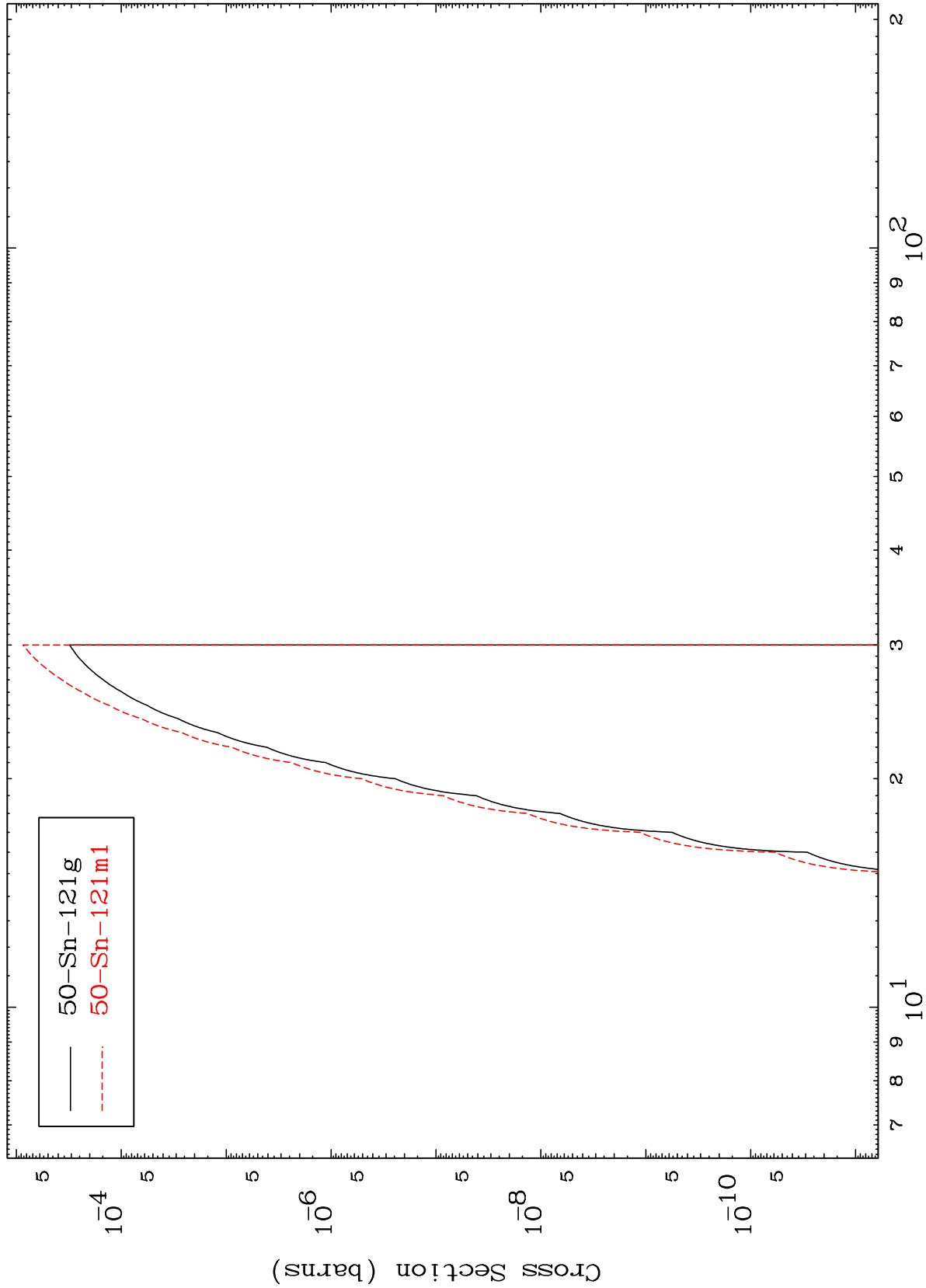




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52-Te-123m

Radionuclide Production Cross Section



31

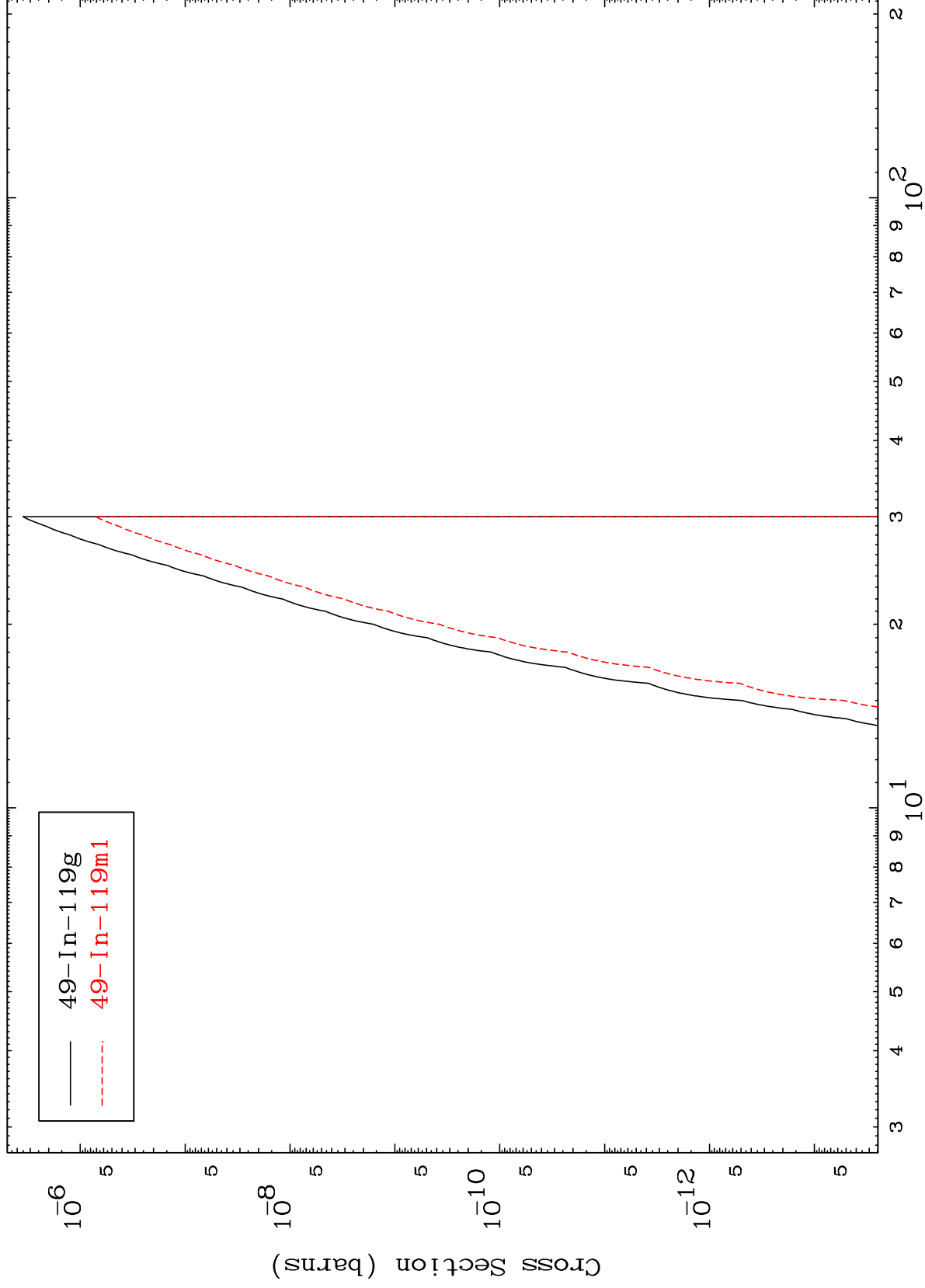
Incident Energy (MeV)

52-Te-123m

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52-Te-123m

(n,p) α
Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-123m

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Radionuclide Production Cross Section

