

Program EVALPLOT
(Version 2021-1)

by

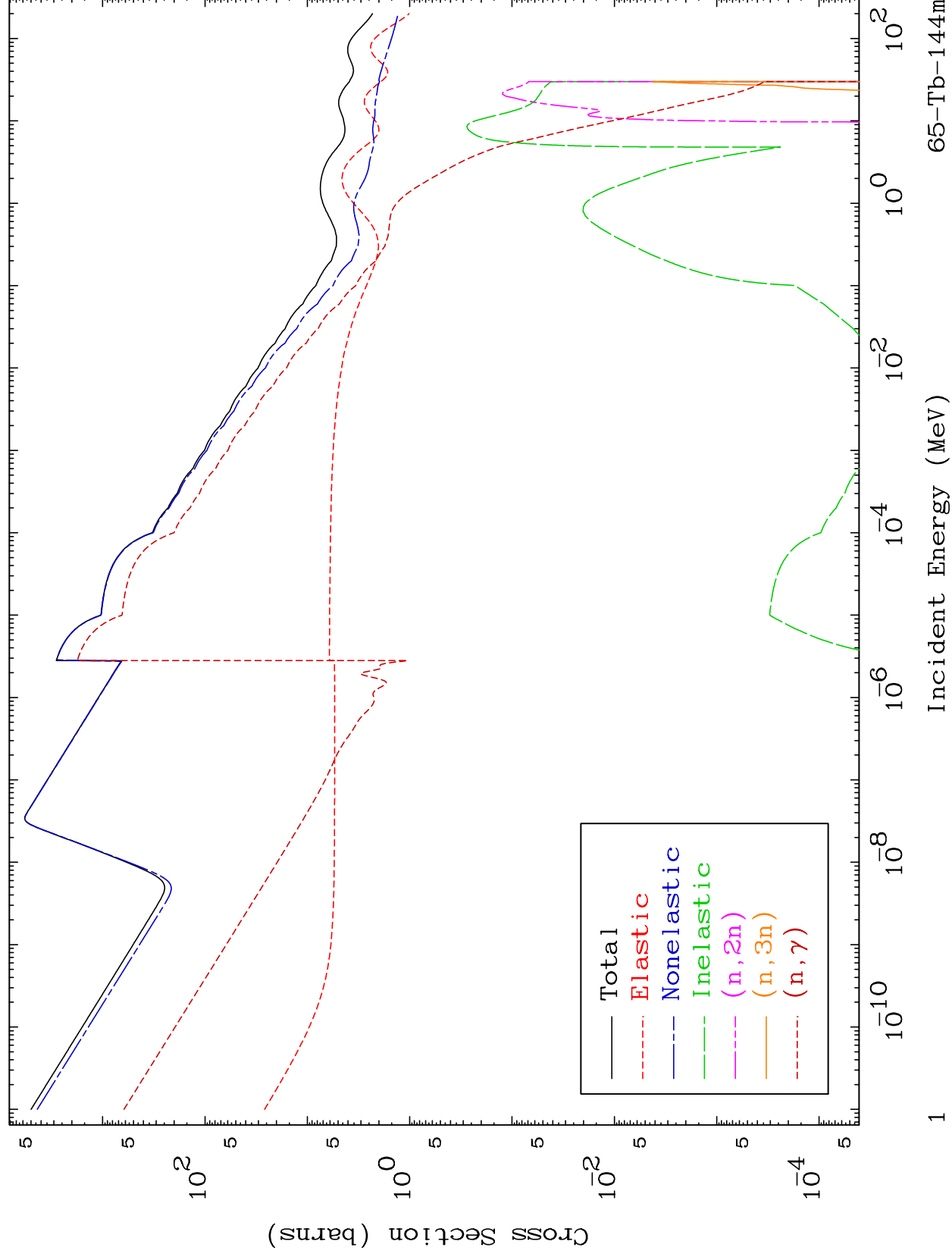
Dermott E. Cullen
(Present Contact Information)

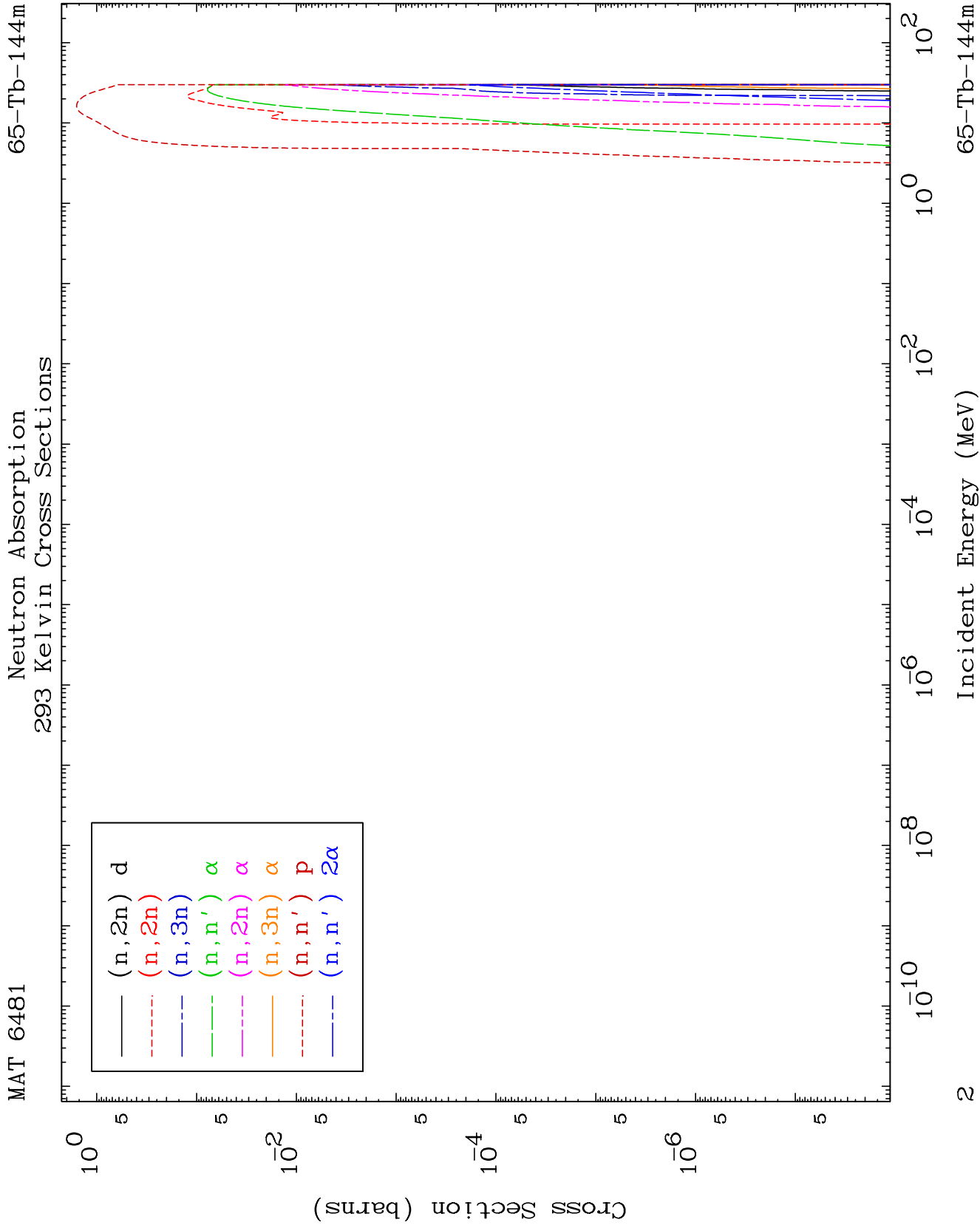
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

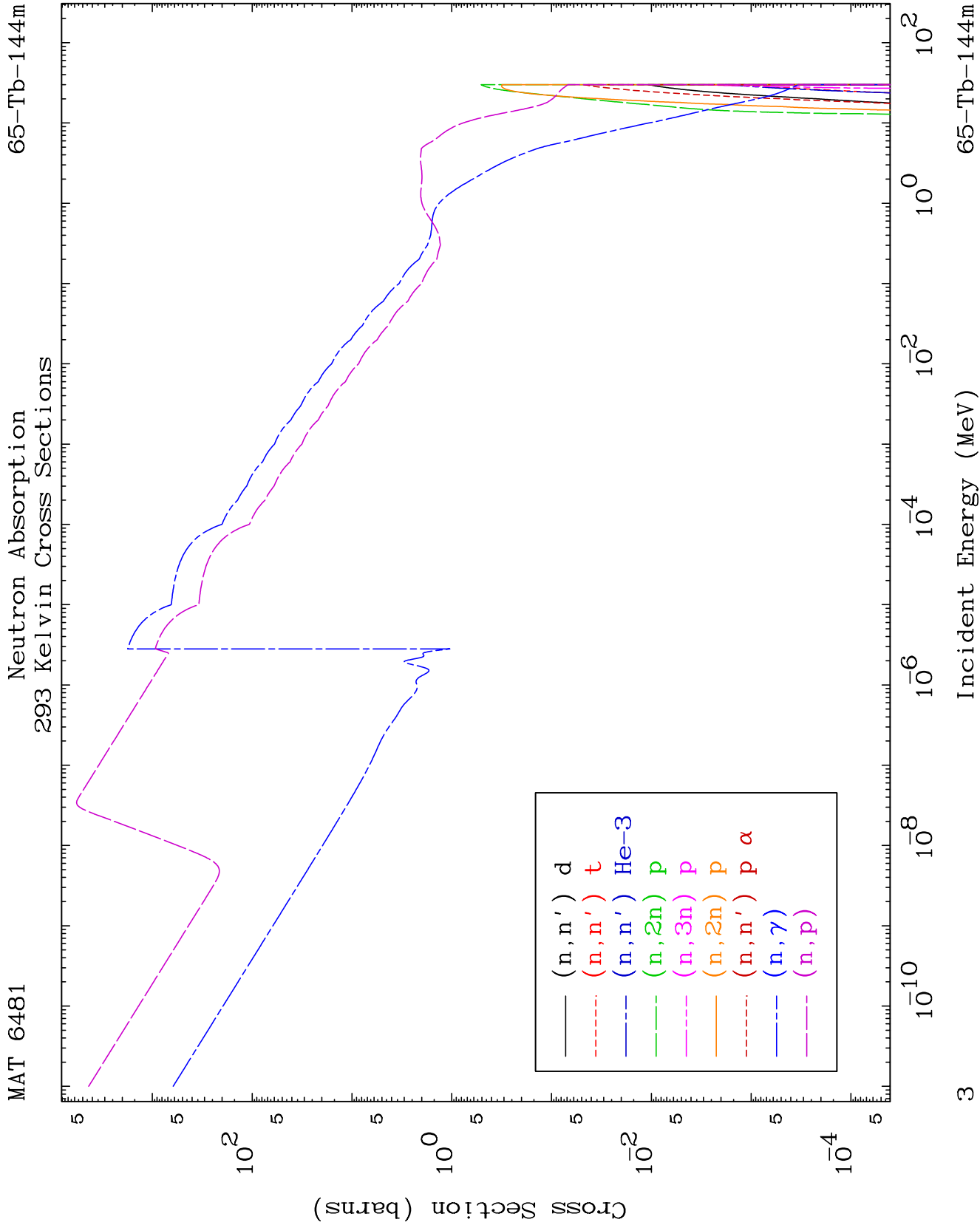
Tele: 925-443-1911

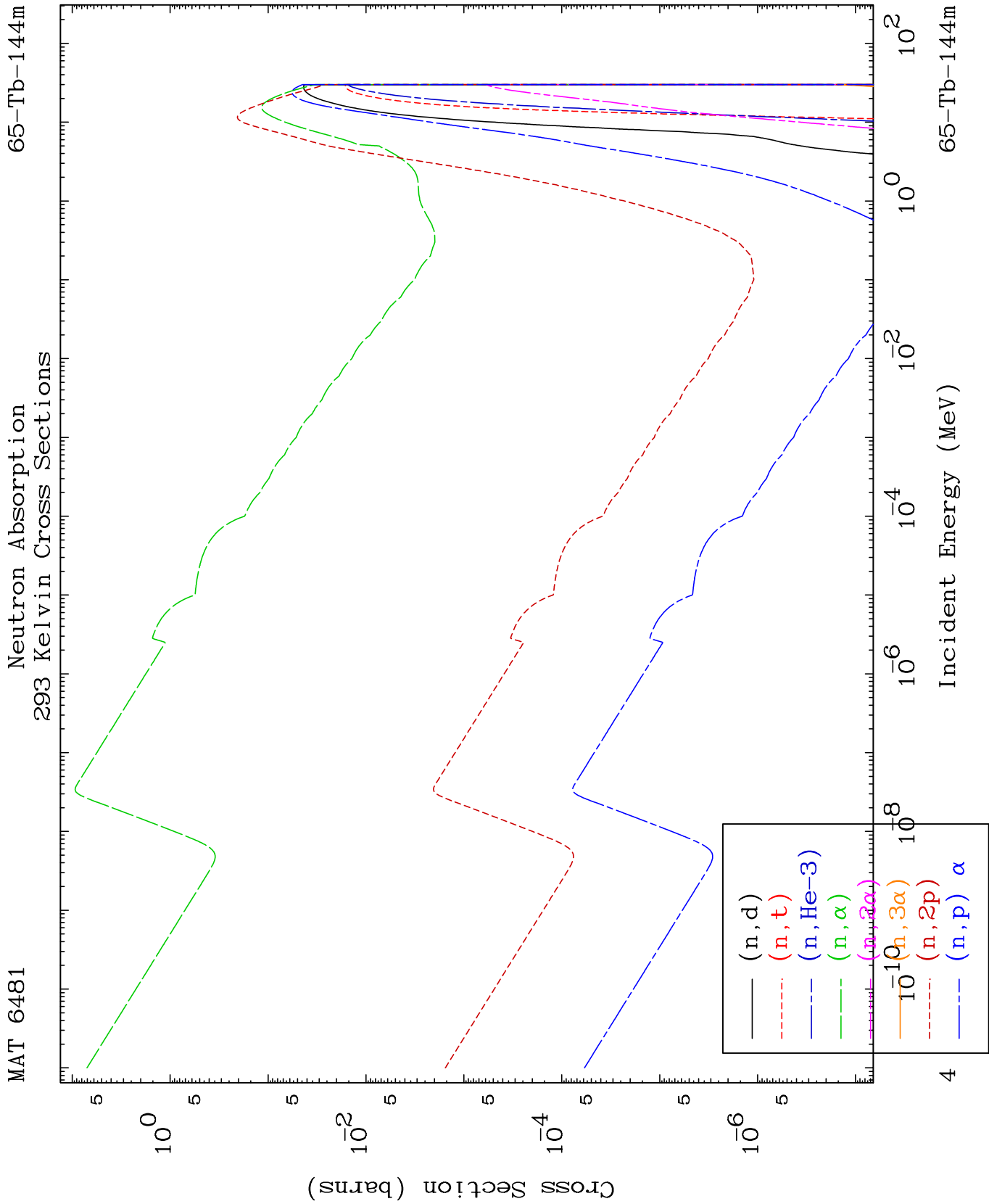
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





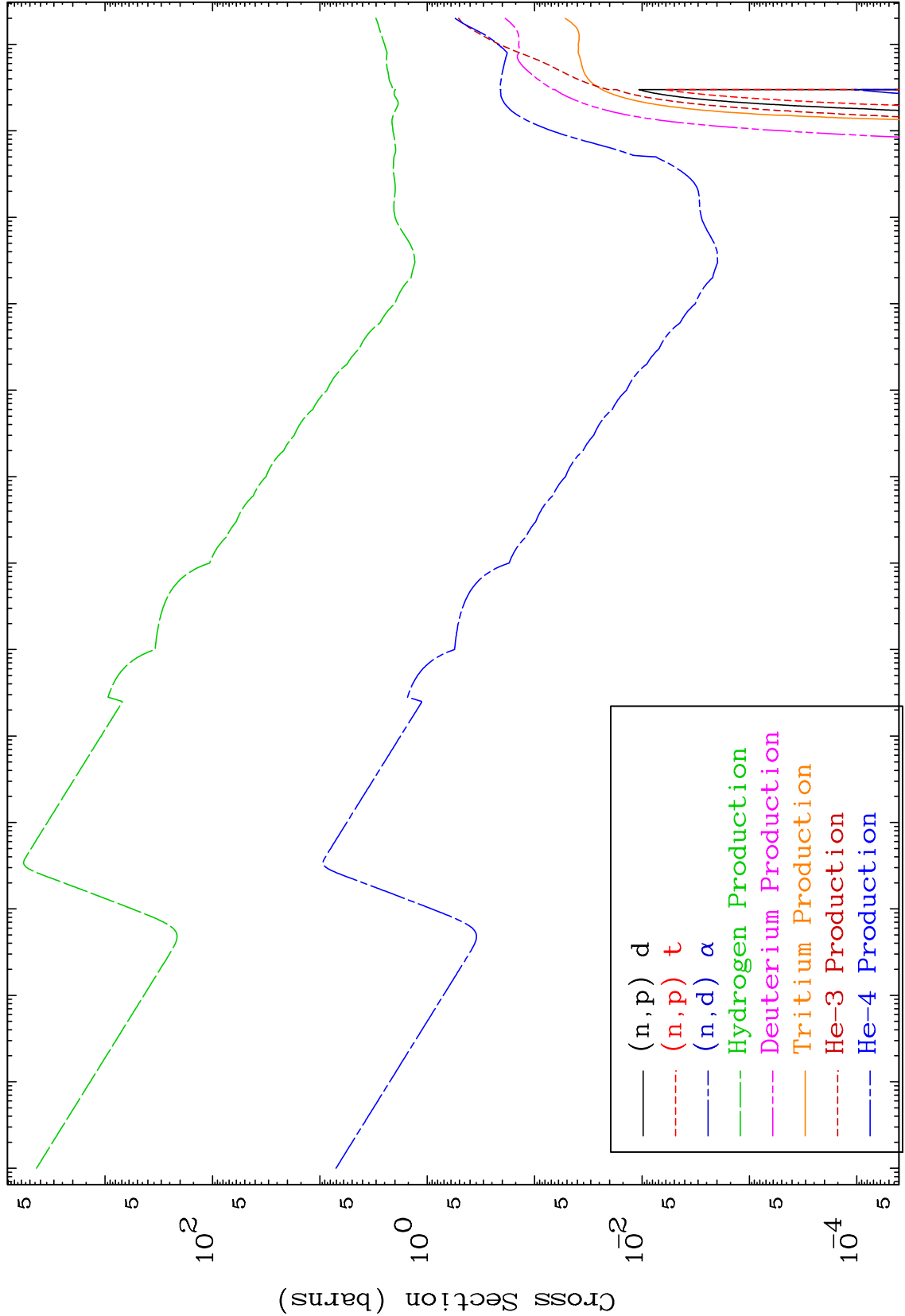


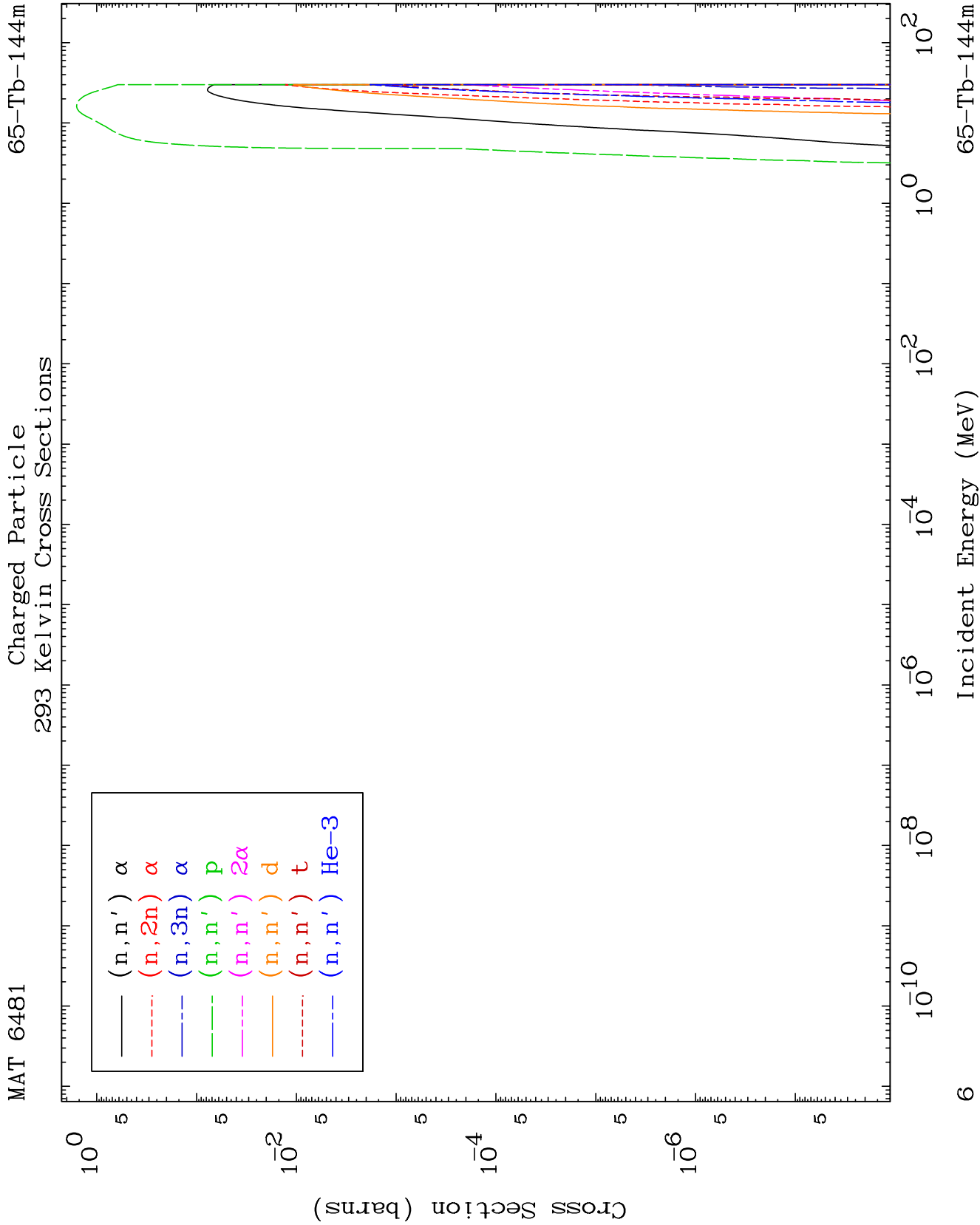


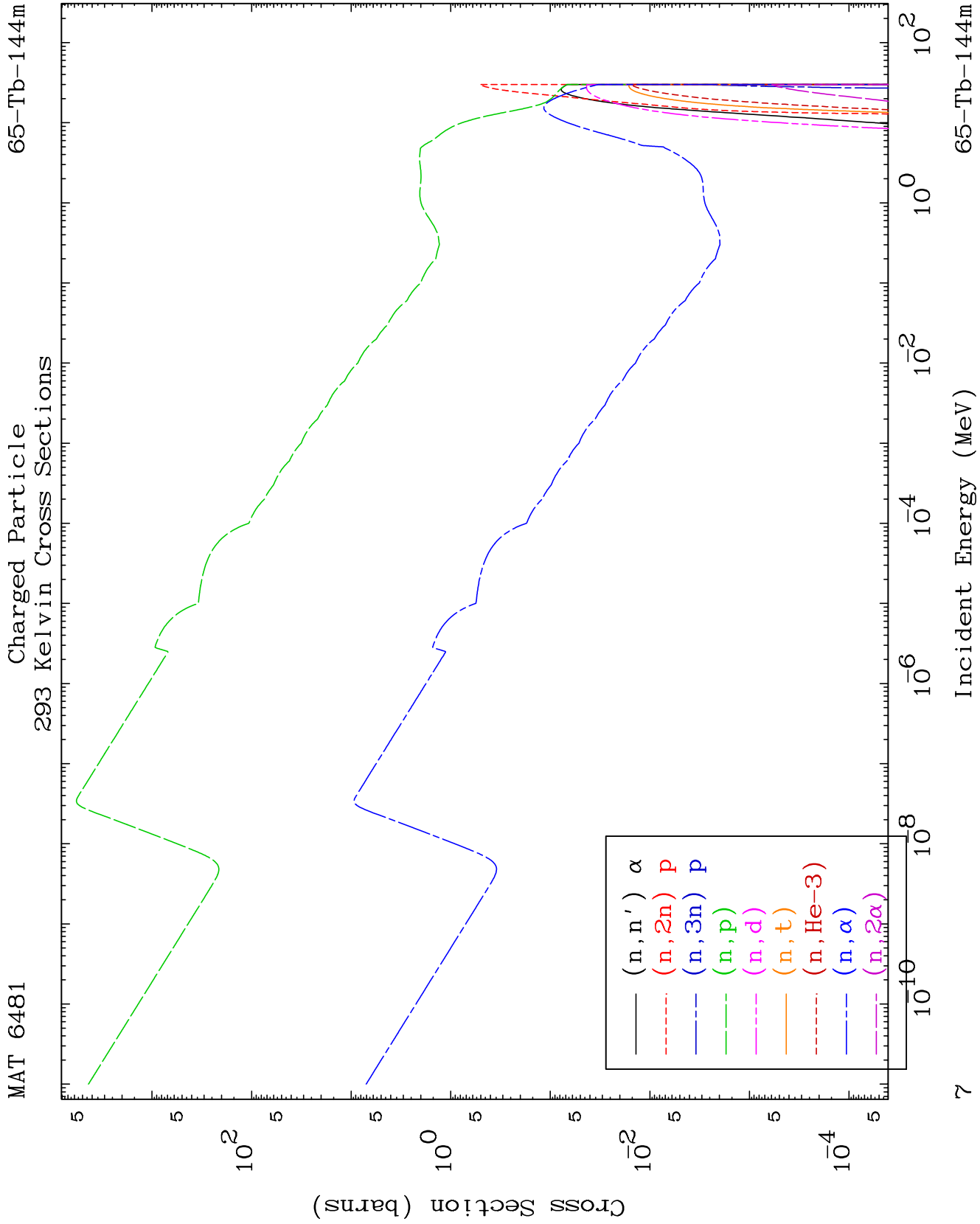
MAT 6481

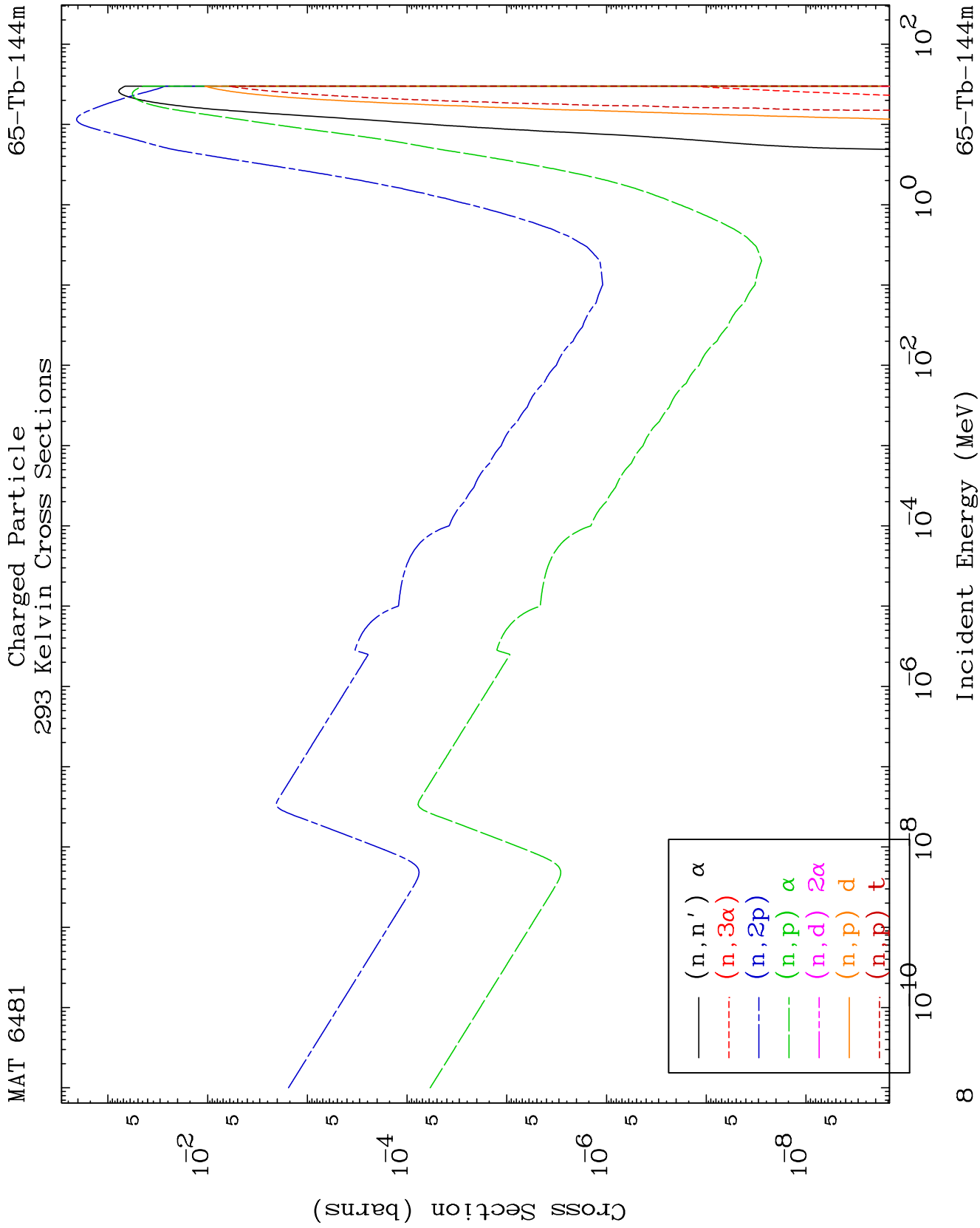
Neutron Absorption
293 Kelvin Cross Sections

65-Tb-144m





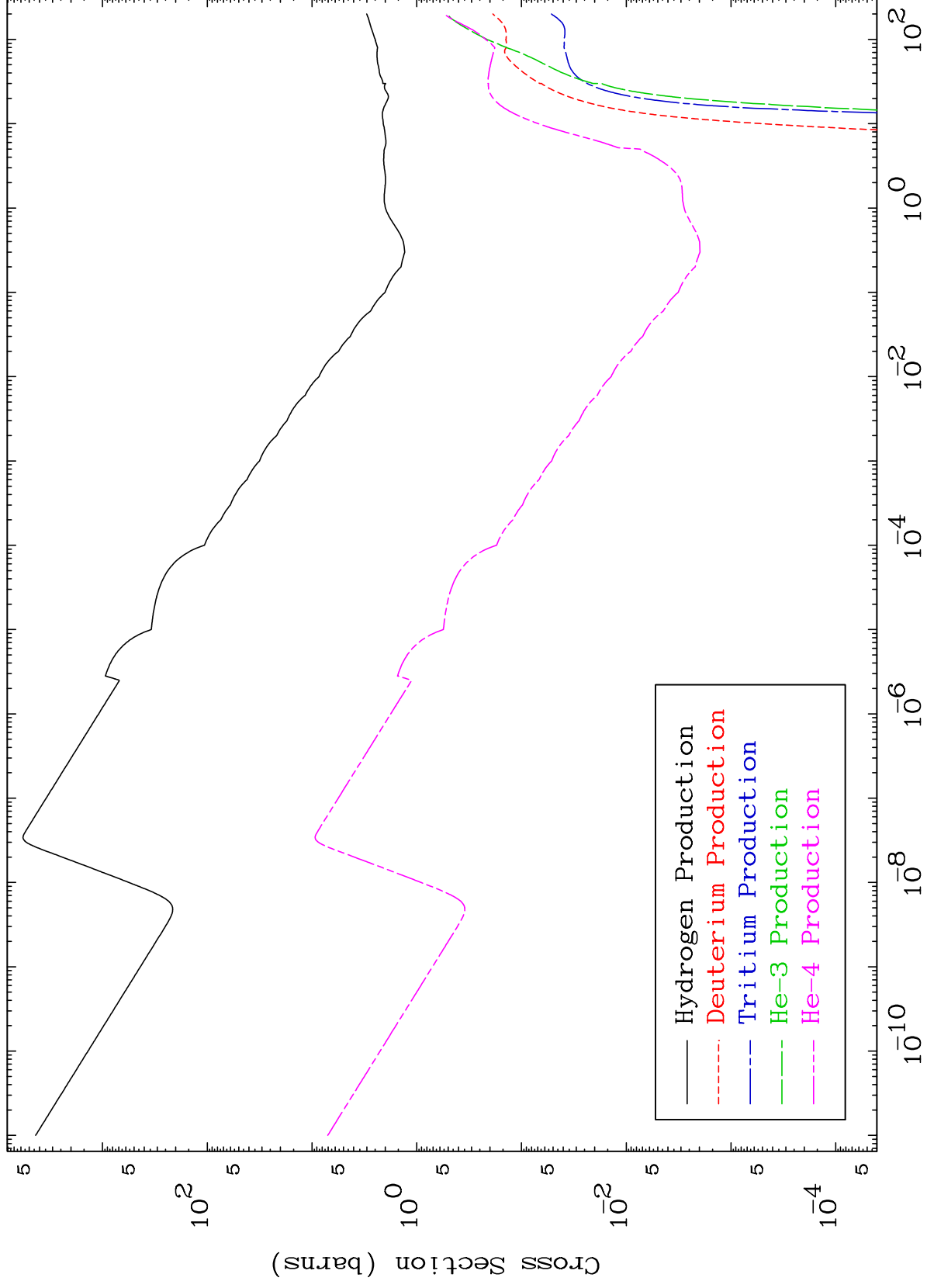


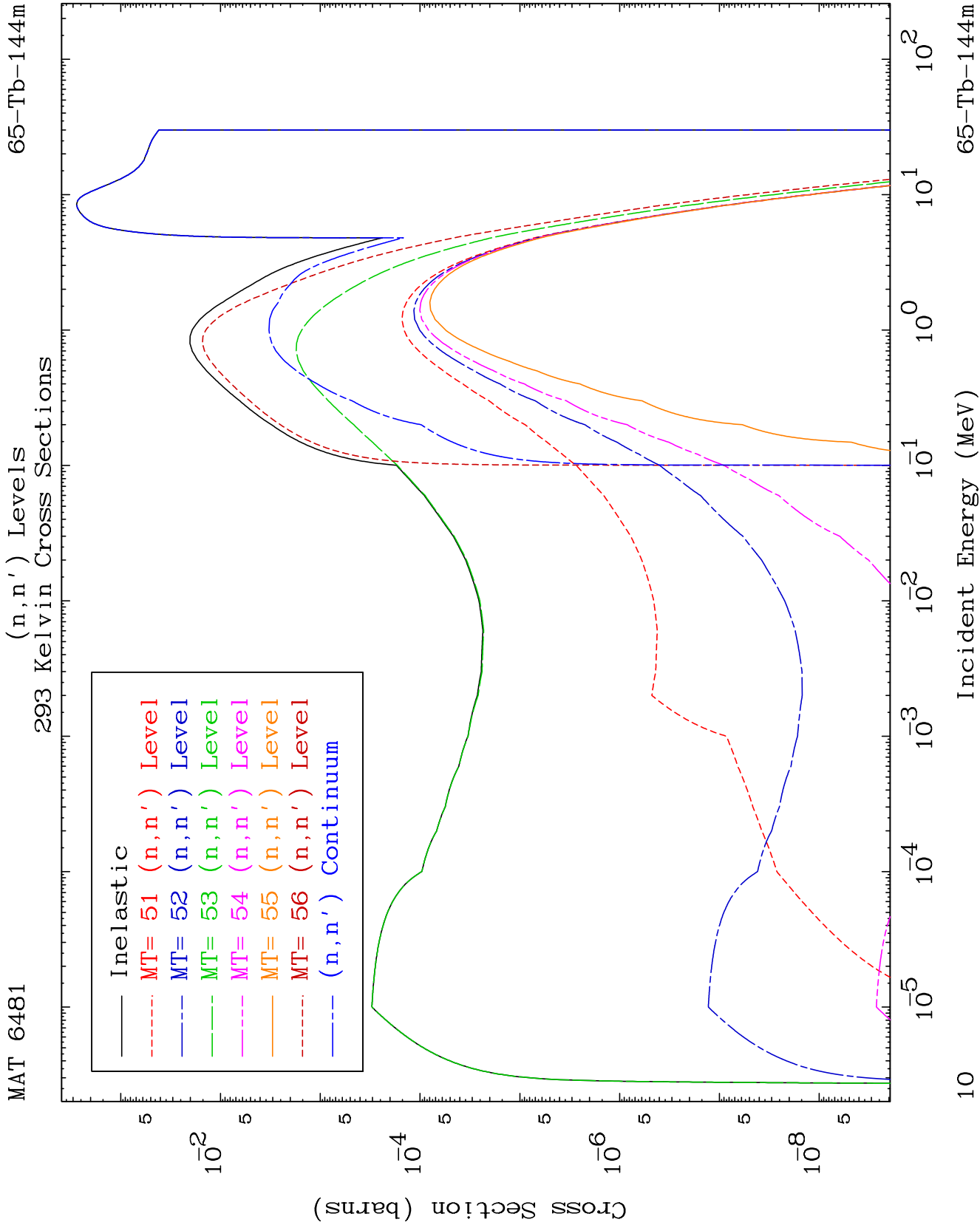


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Particle Production
293 Kelvin Cross Sections

65-Tb-144m

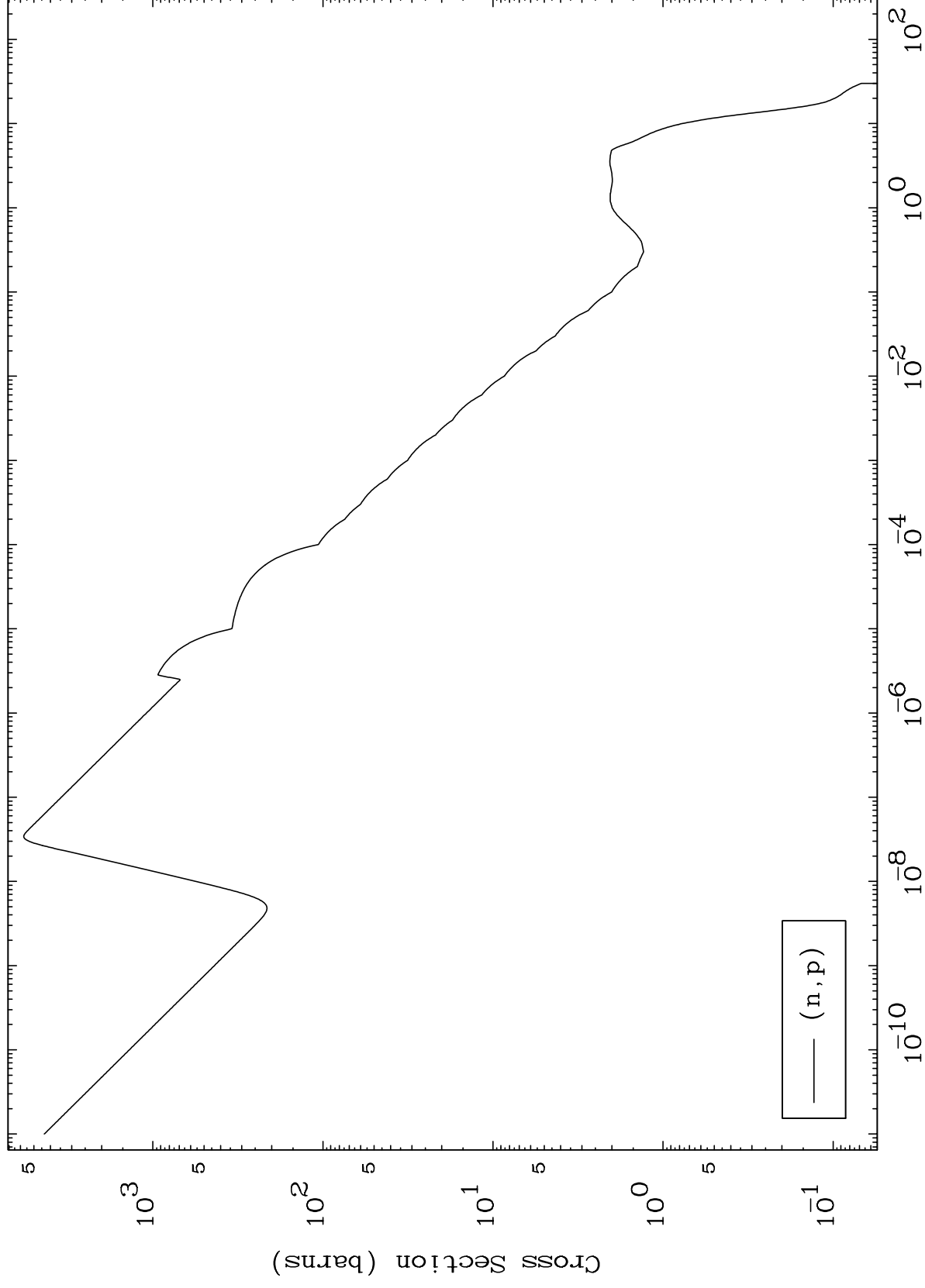




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(n,p) Levels
293 Kelvin Cross Sections

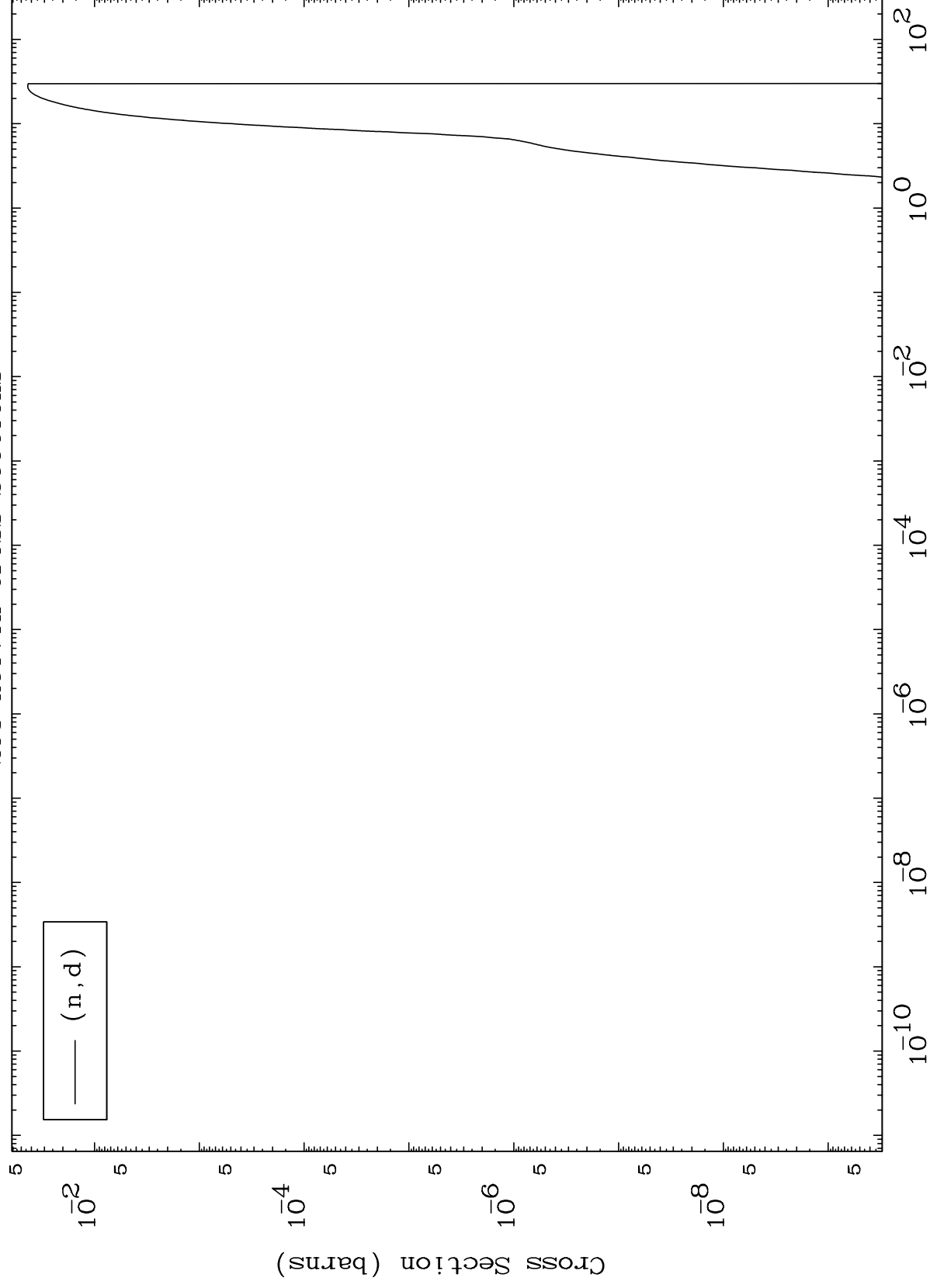
65-Tb-144m



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(n,d) Levels
293 Kelvin Cross Sections

65-Tb-144m



12

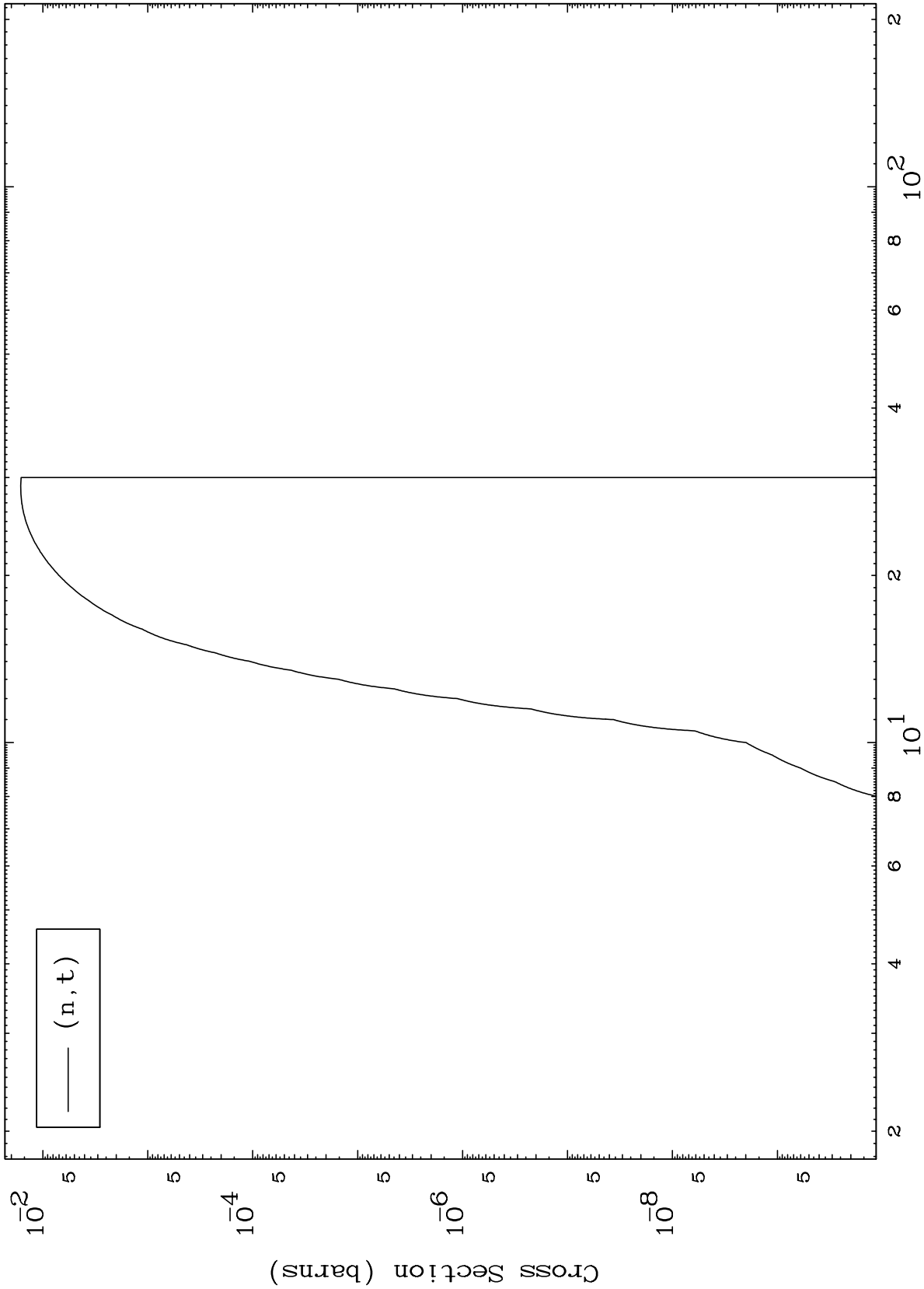
Incident Energy (MeV)

65-Tb-144m

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(n,t) Levels
293 Kelvin Cross Sections

65-Tb-144m



13

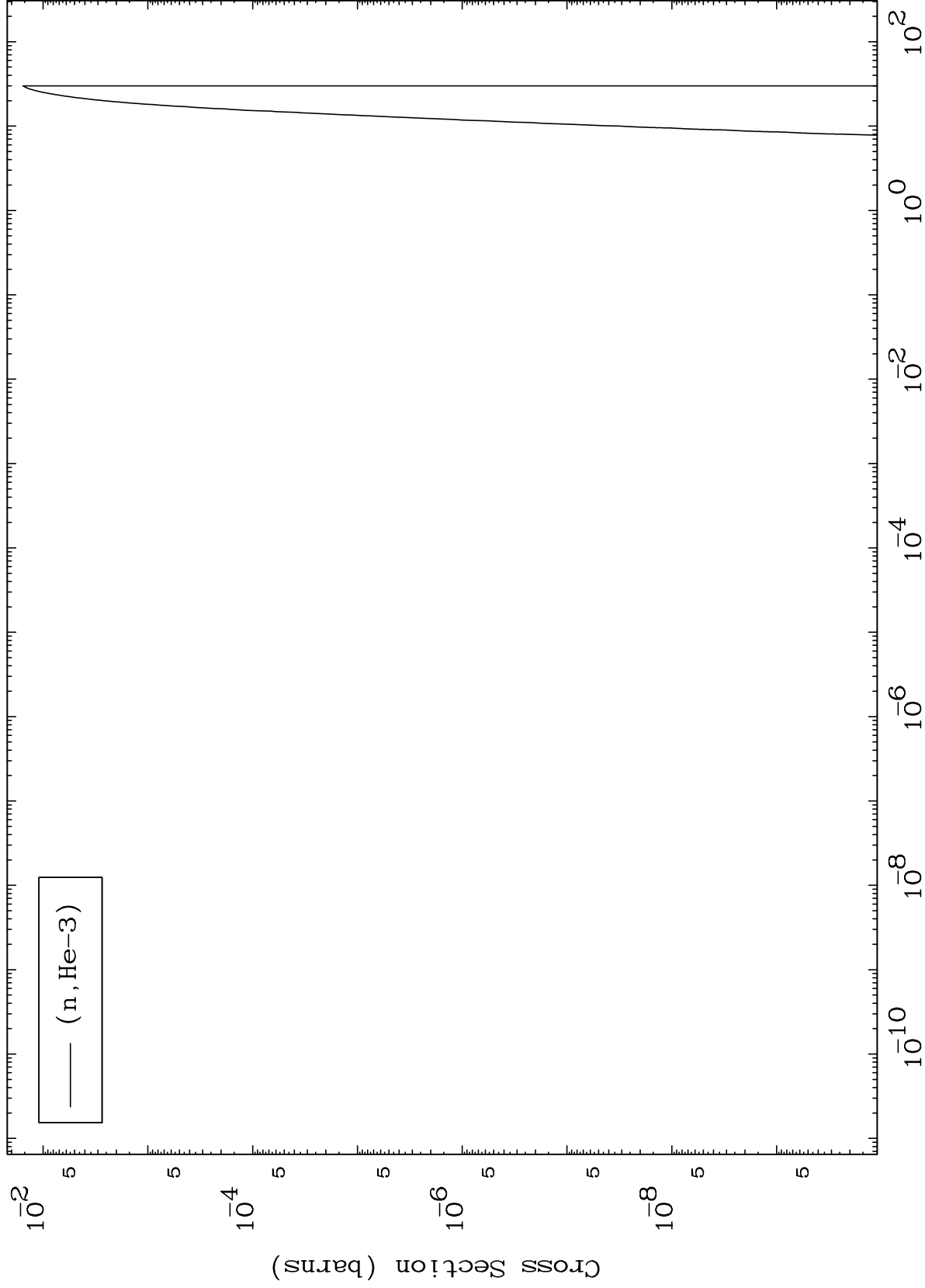
Incident Energy (MeV)

65-Tb-144m

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(n,He3) Levels
293 Kelvin Cross Sections

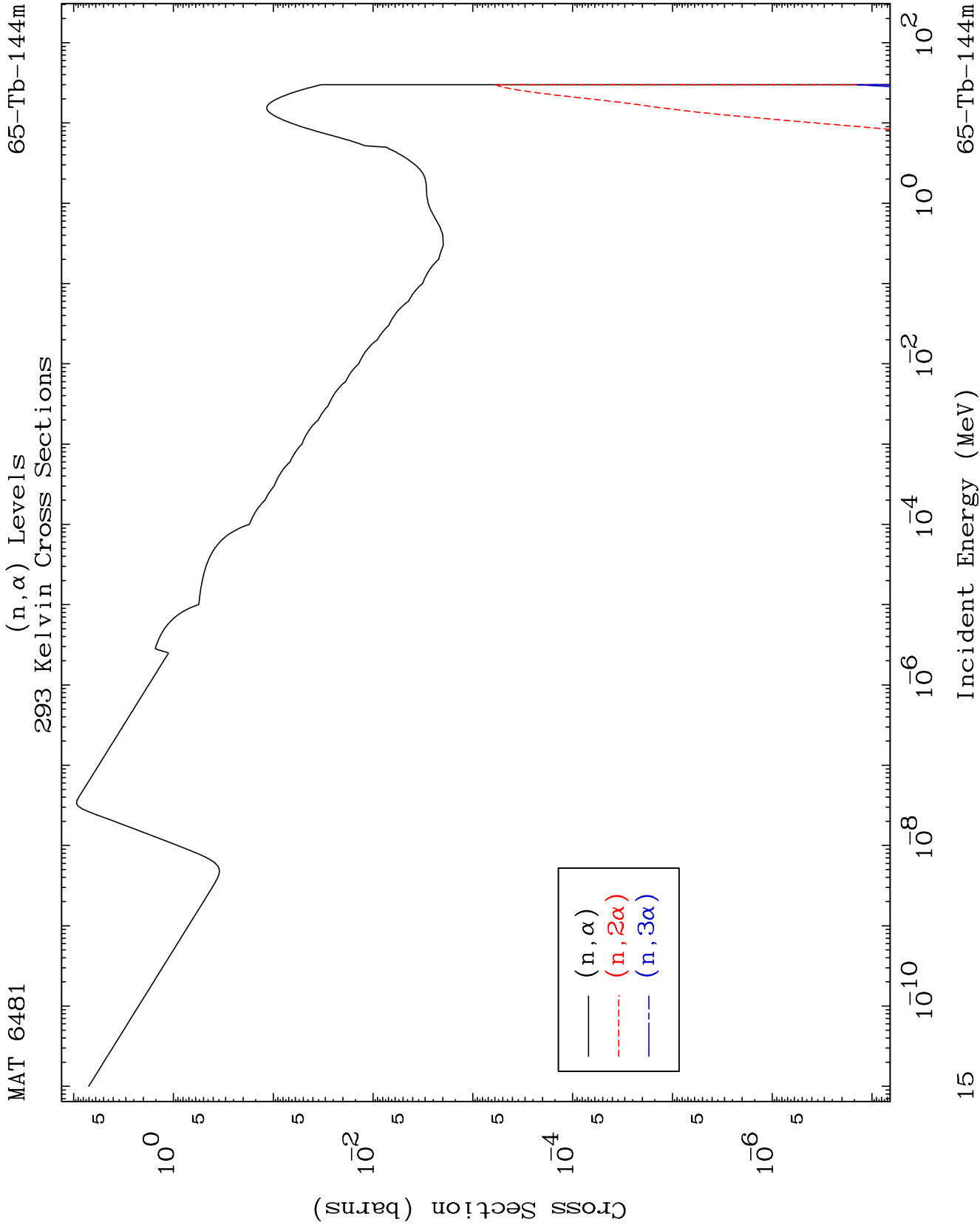
65-Tb-144m

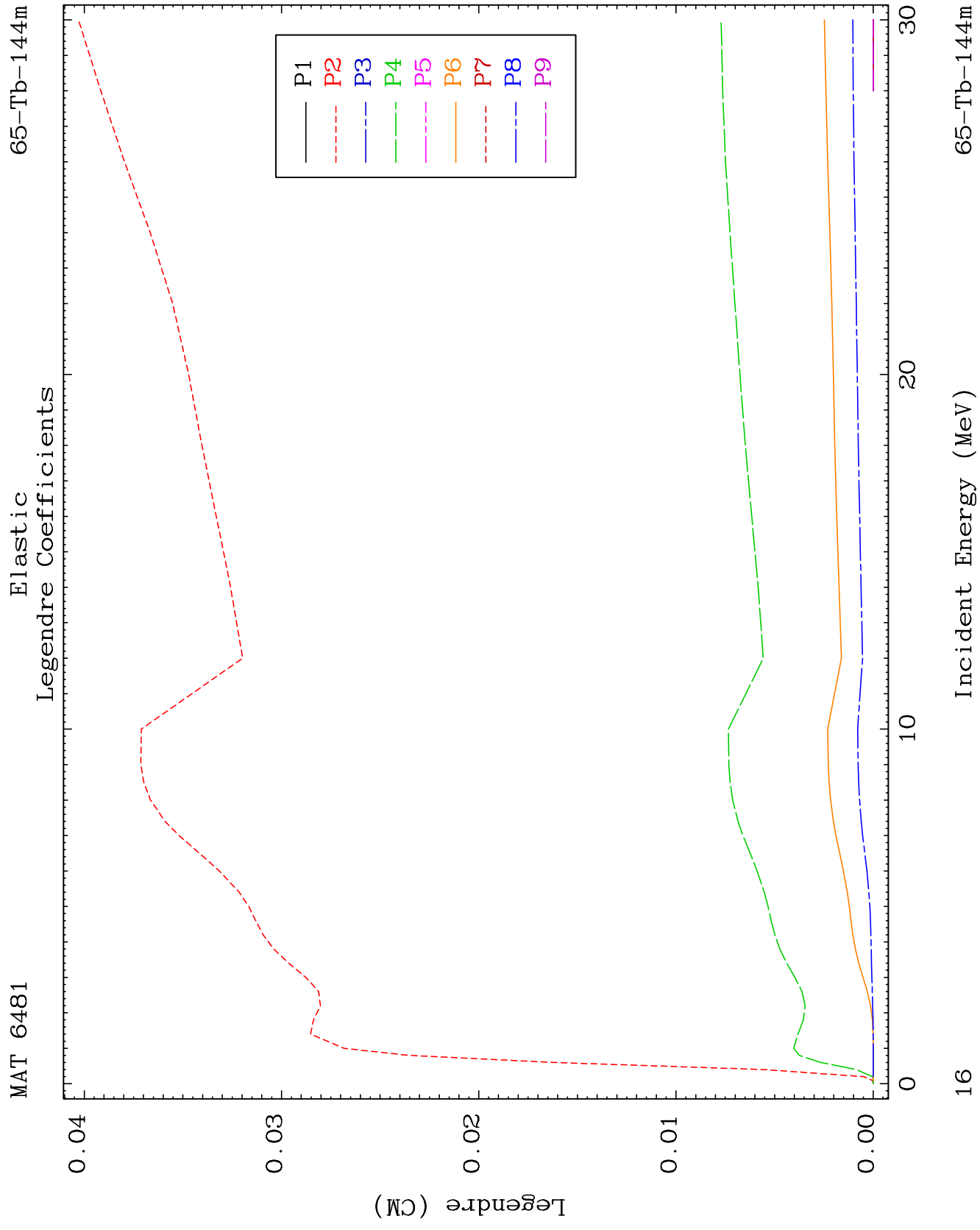


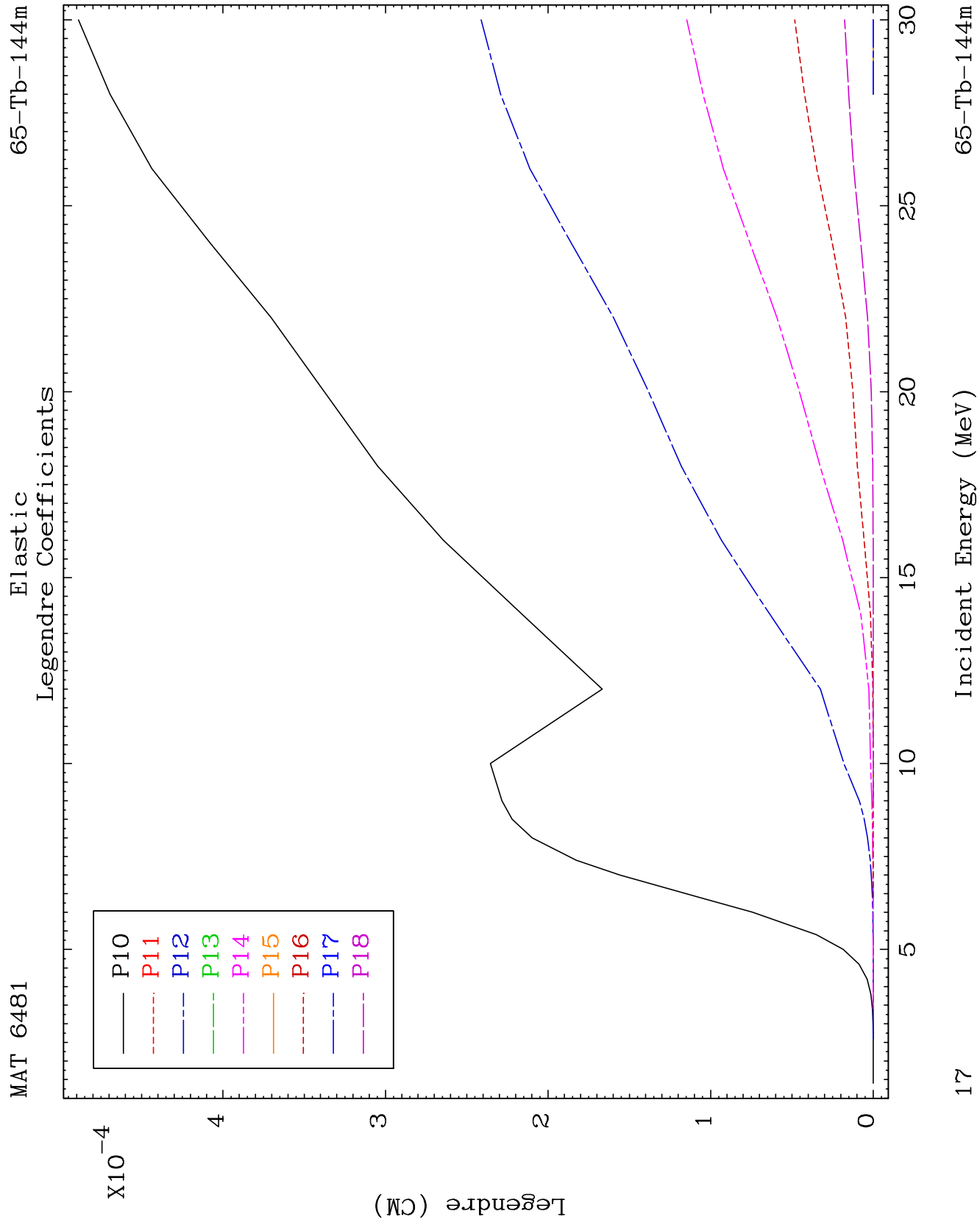
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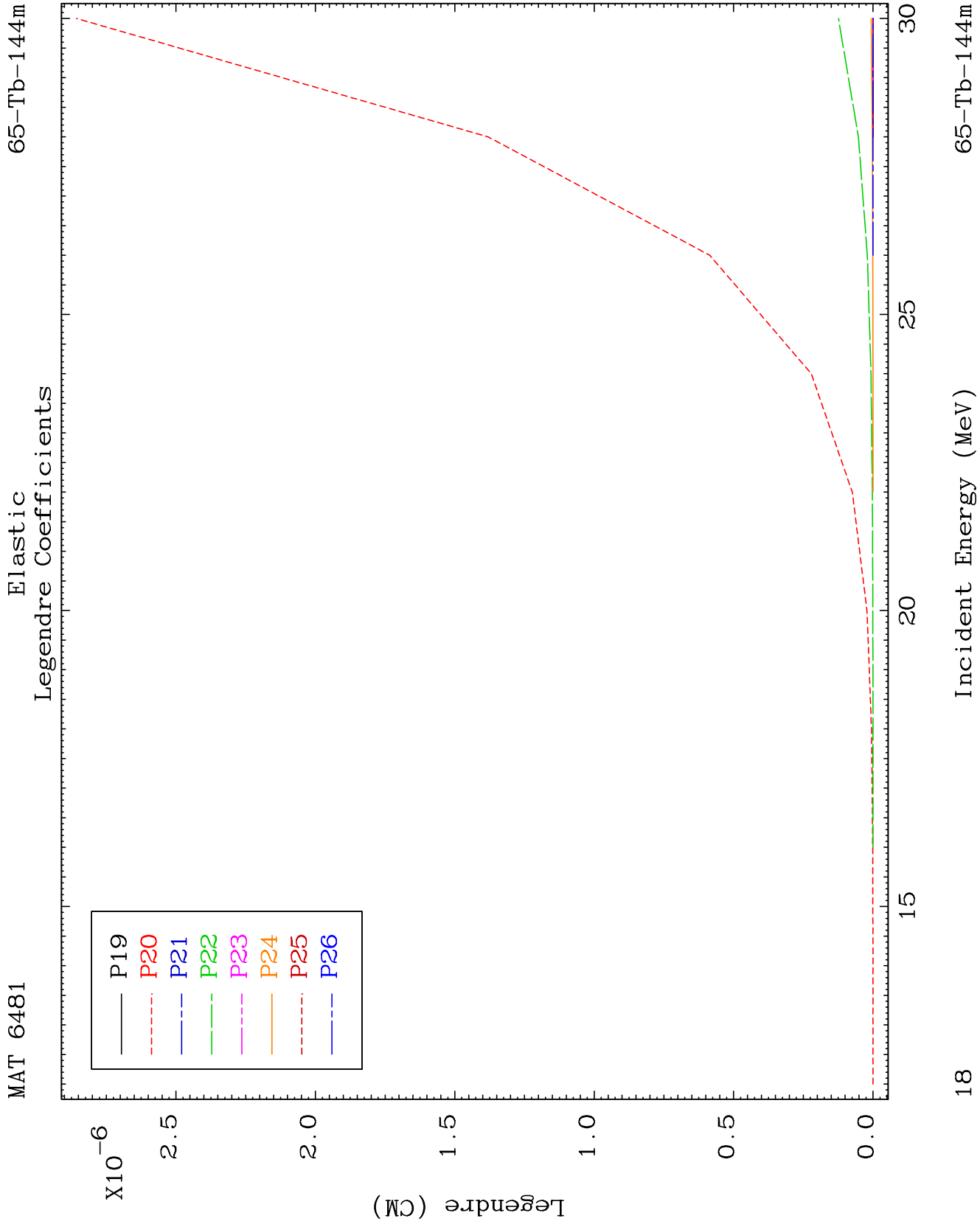
Incident Energy (MeV)

65-Tb-144m





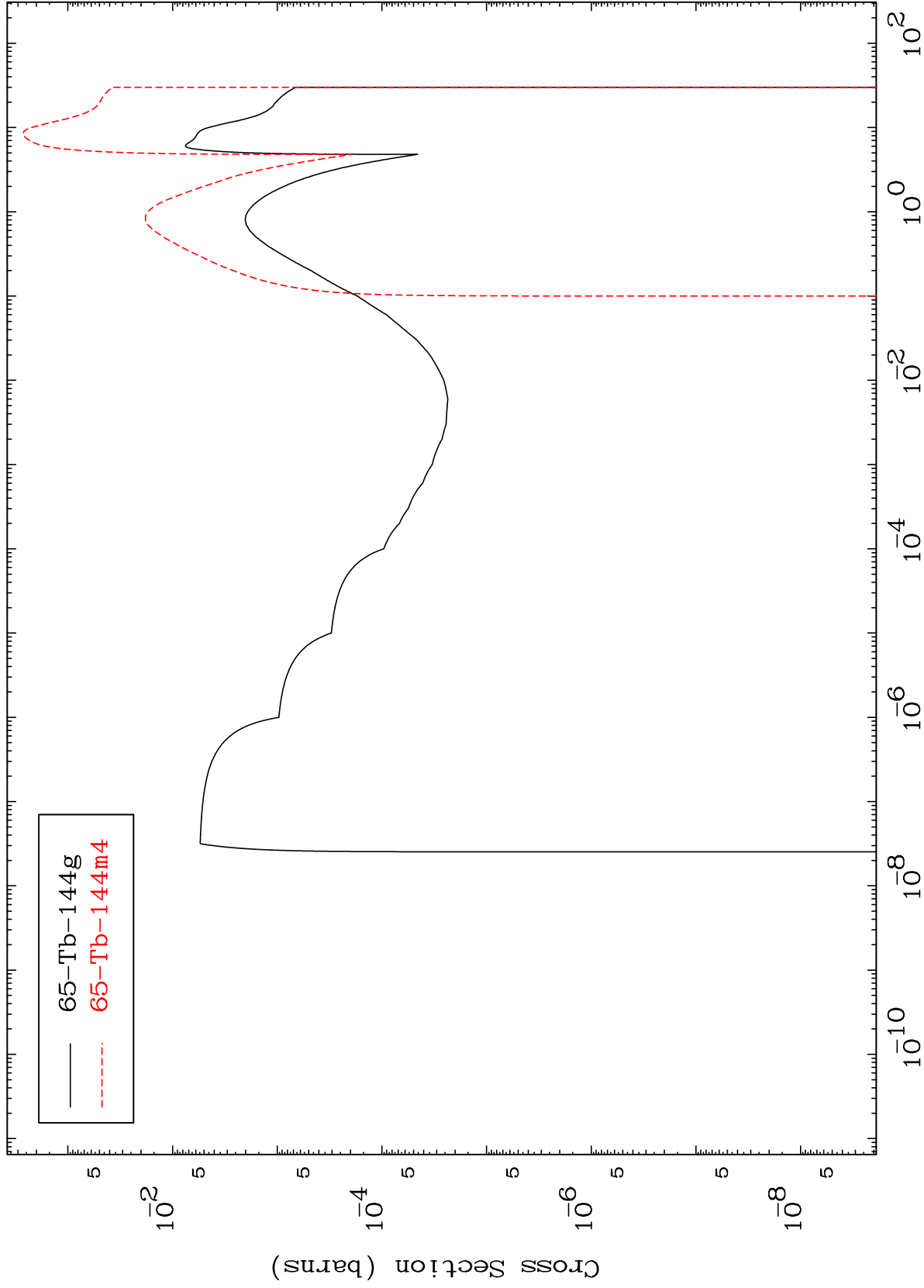


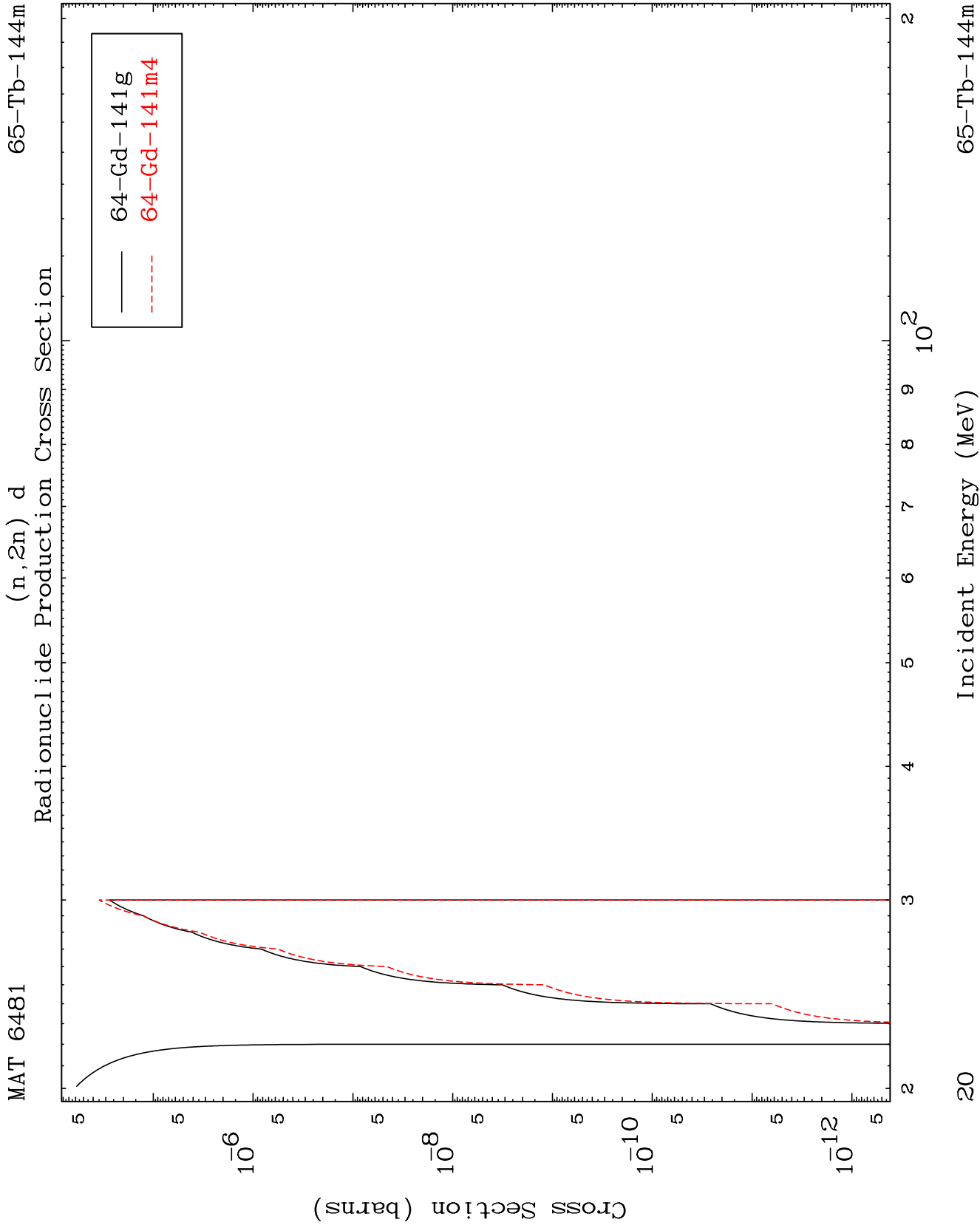


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65-Tb-144m

Inelastic
Radionuclide Production Cross Section

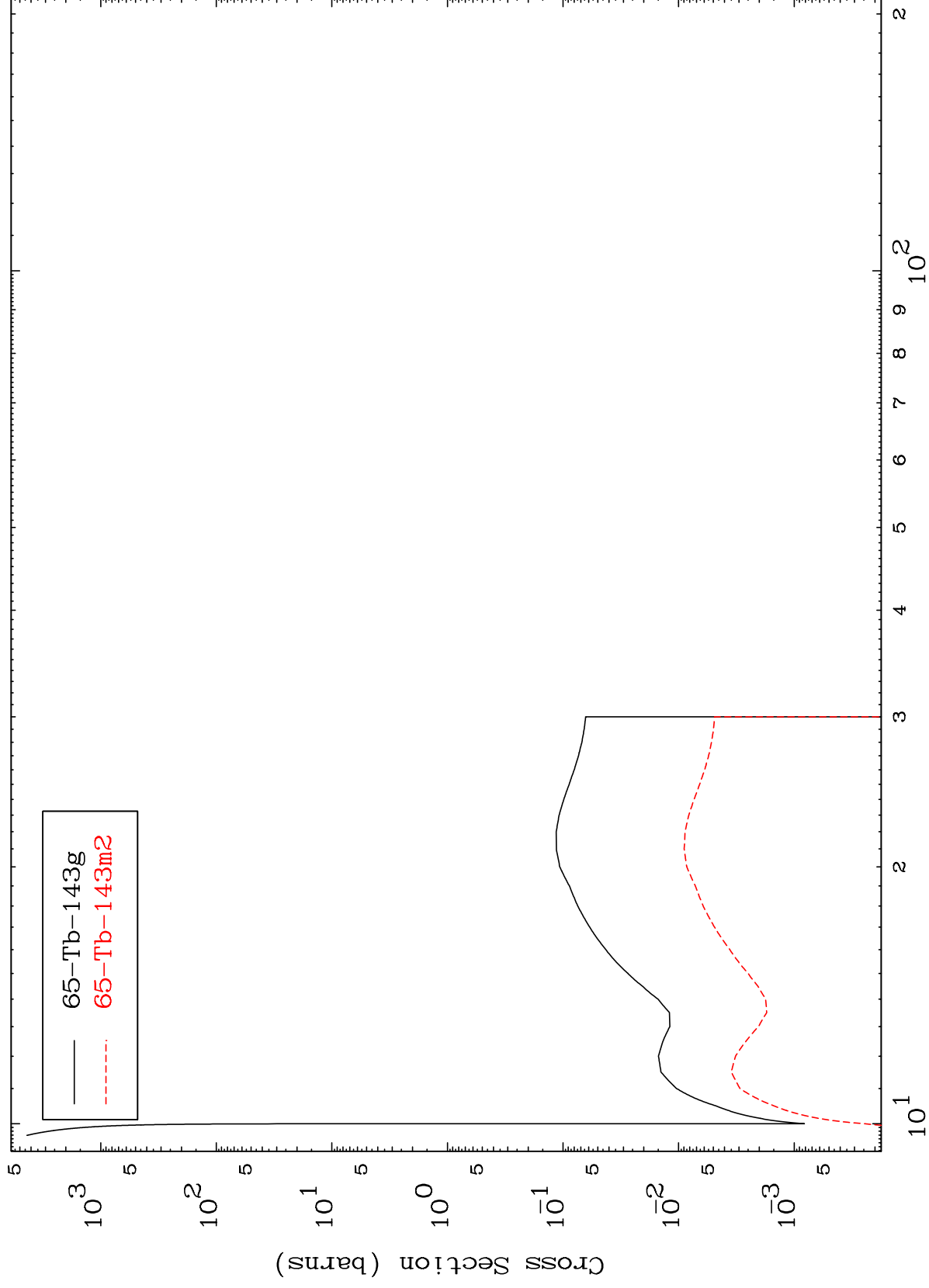




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65-Tb-144m

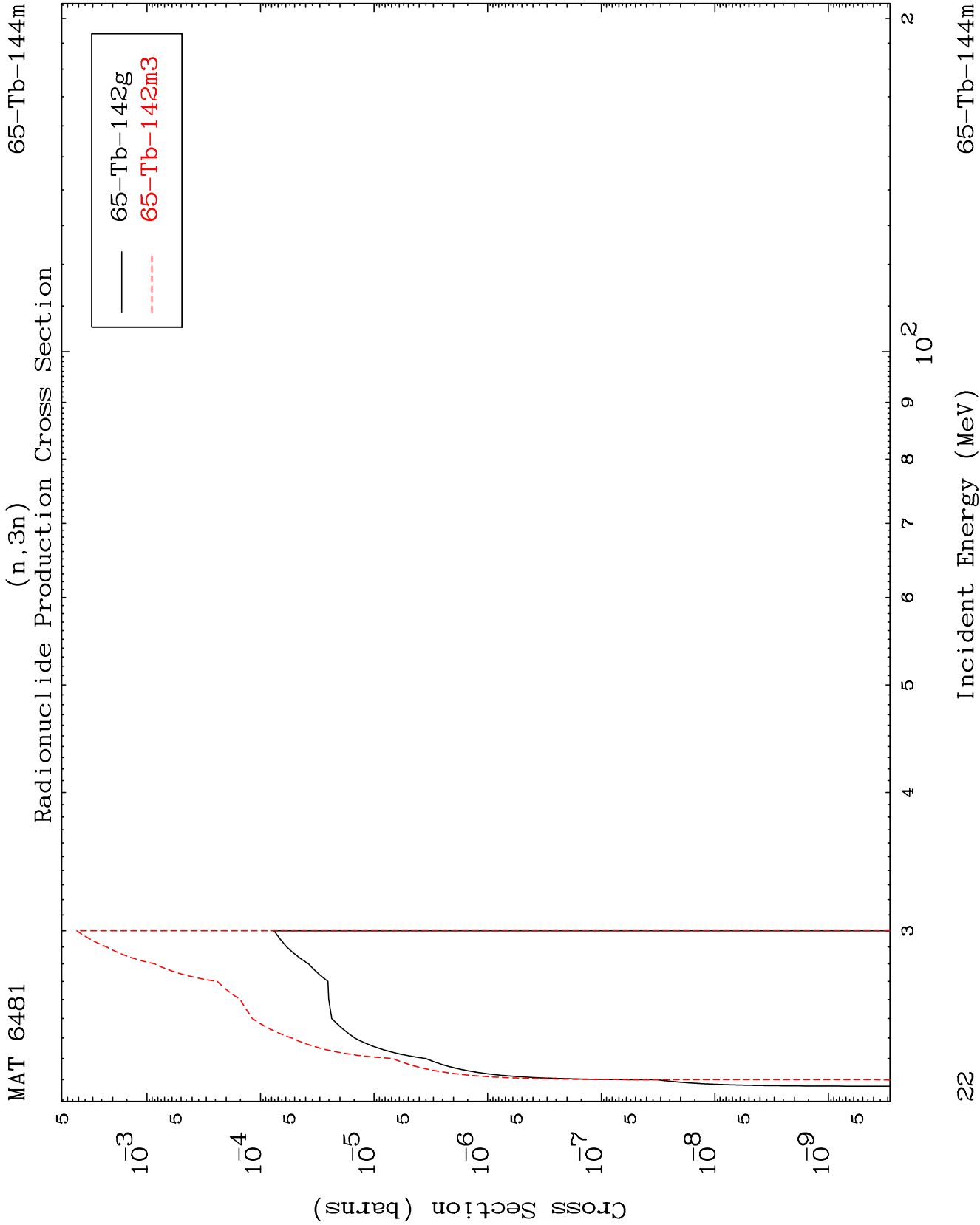
Radionuclide Production Cross Section



65-Tb-144m

Incident Energy (MeV)

21

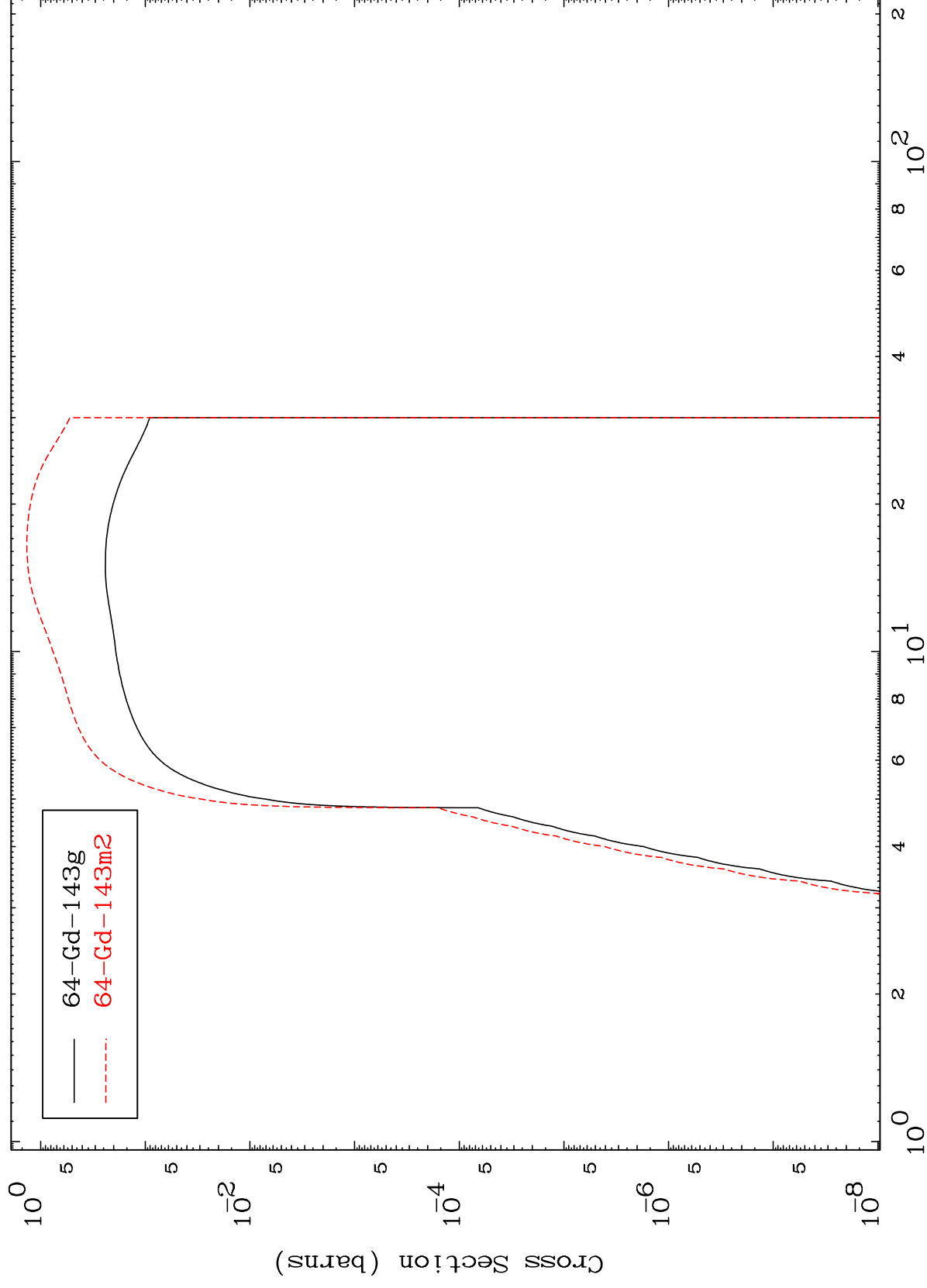


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$$(n, n')$$

65-Tb-144m

Radionuclide Production Cross Section

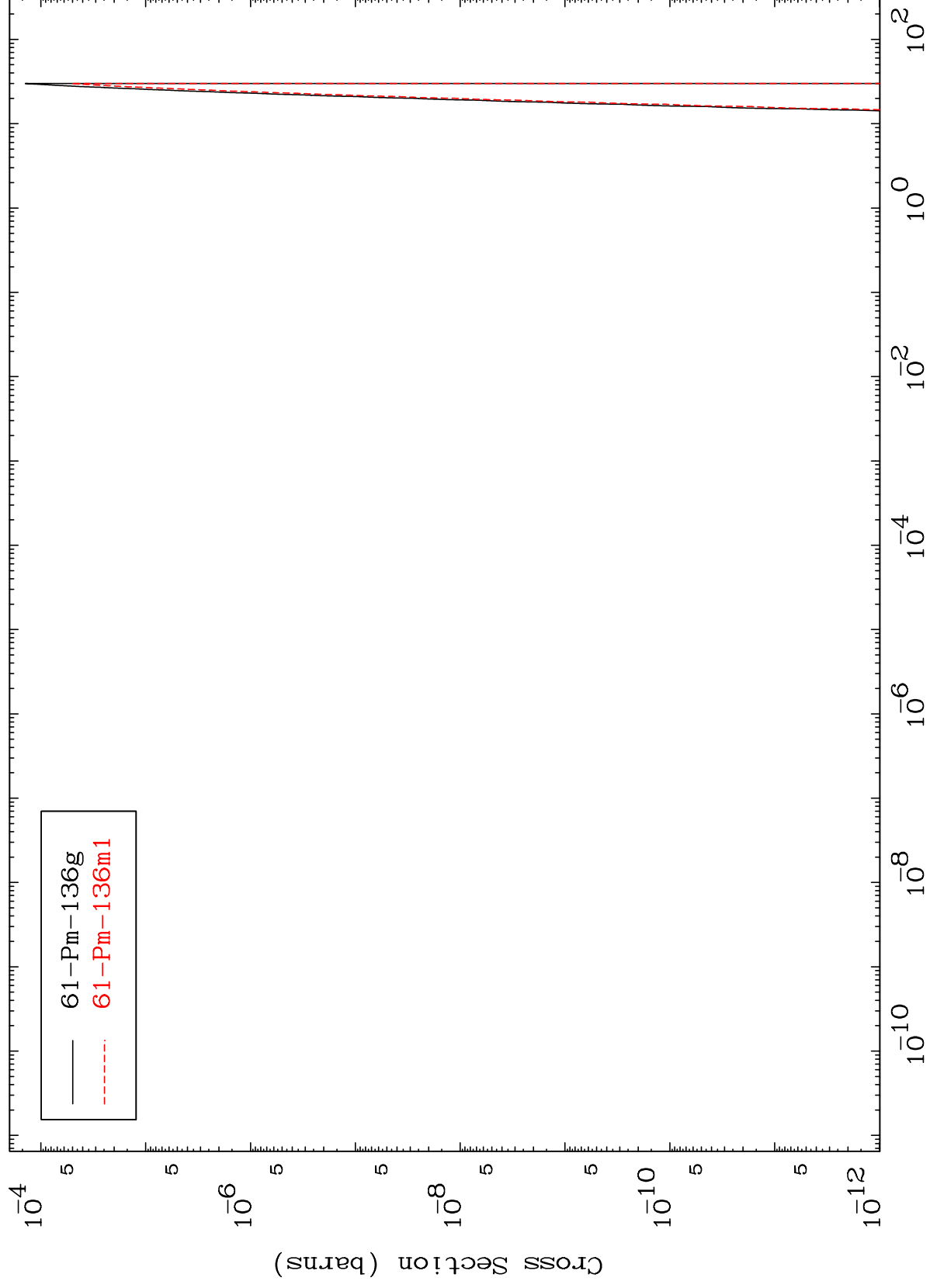


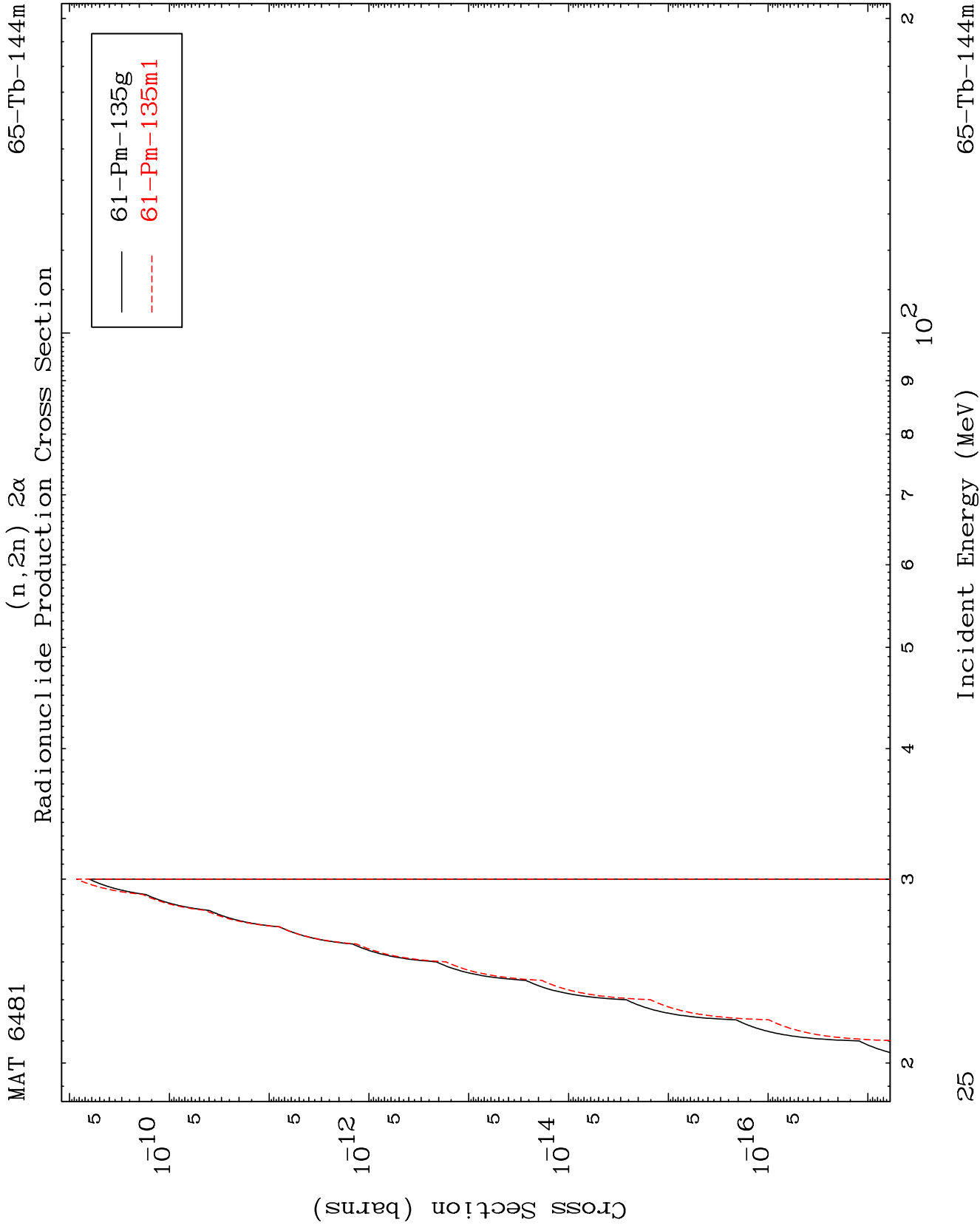
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(n,n') 2 α

65-Tb-144m

Radionuclide Production Cross Section



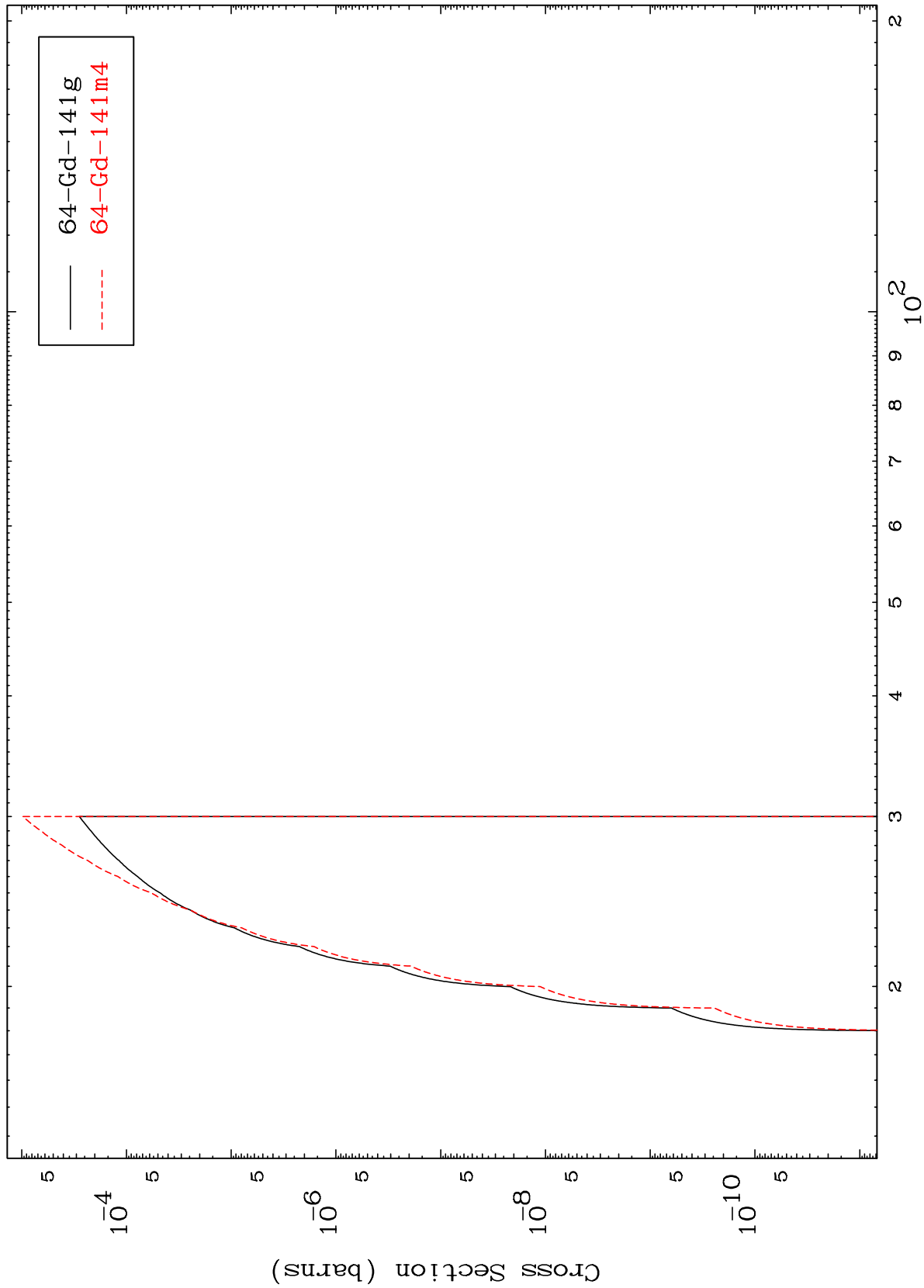


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(n,n') t

65-Tb-144m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

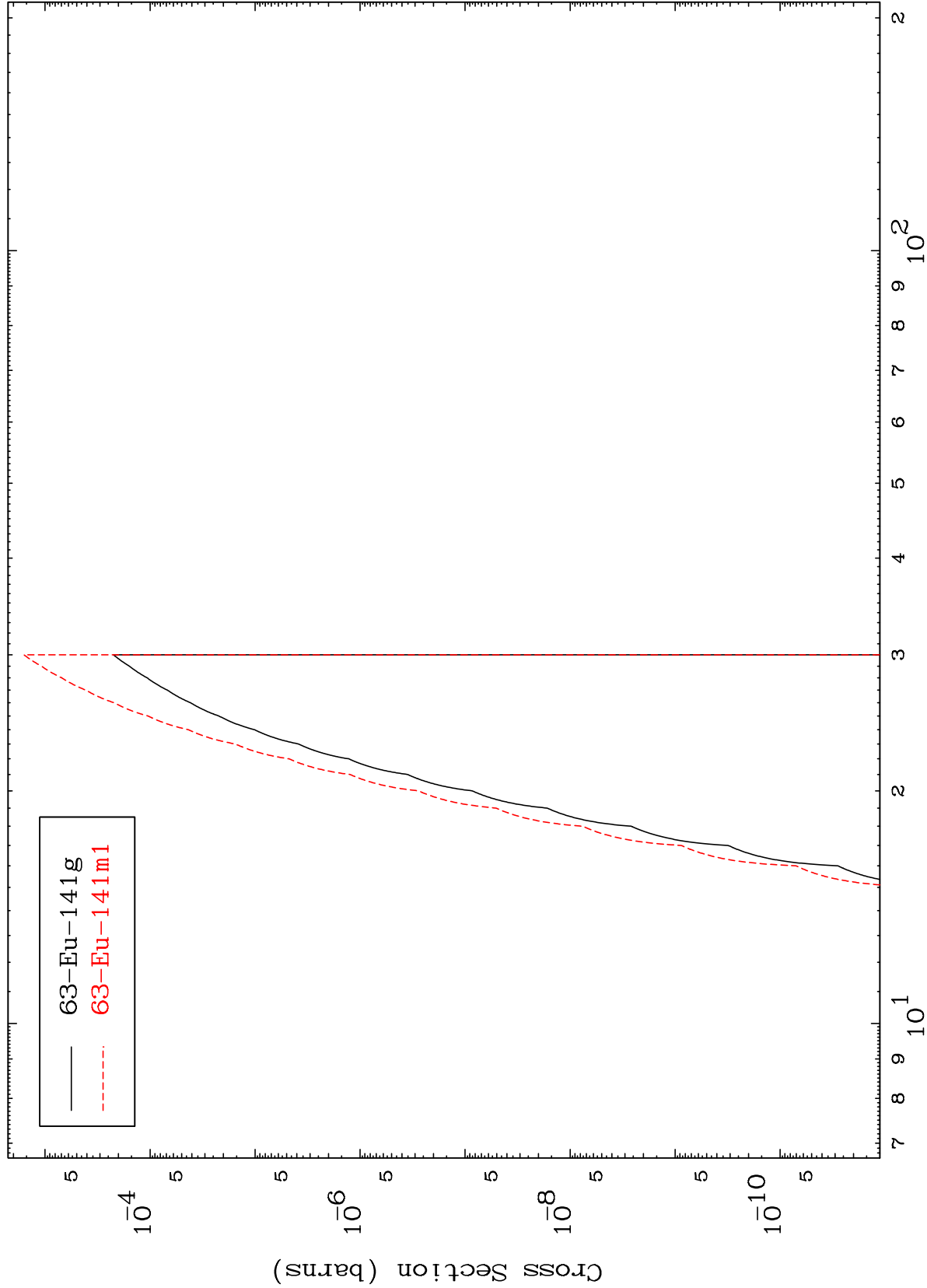
65-Tb-144m

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(n,n') He-3

65-Tb-144m

Radionuclide Production Cross Section

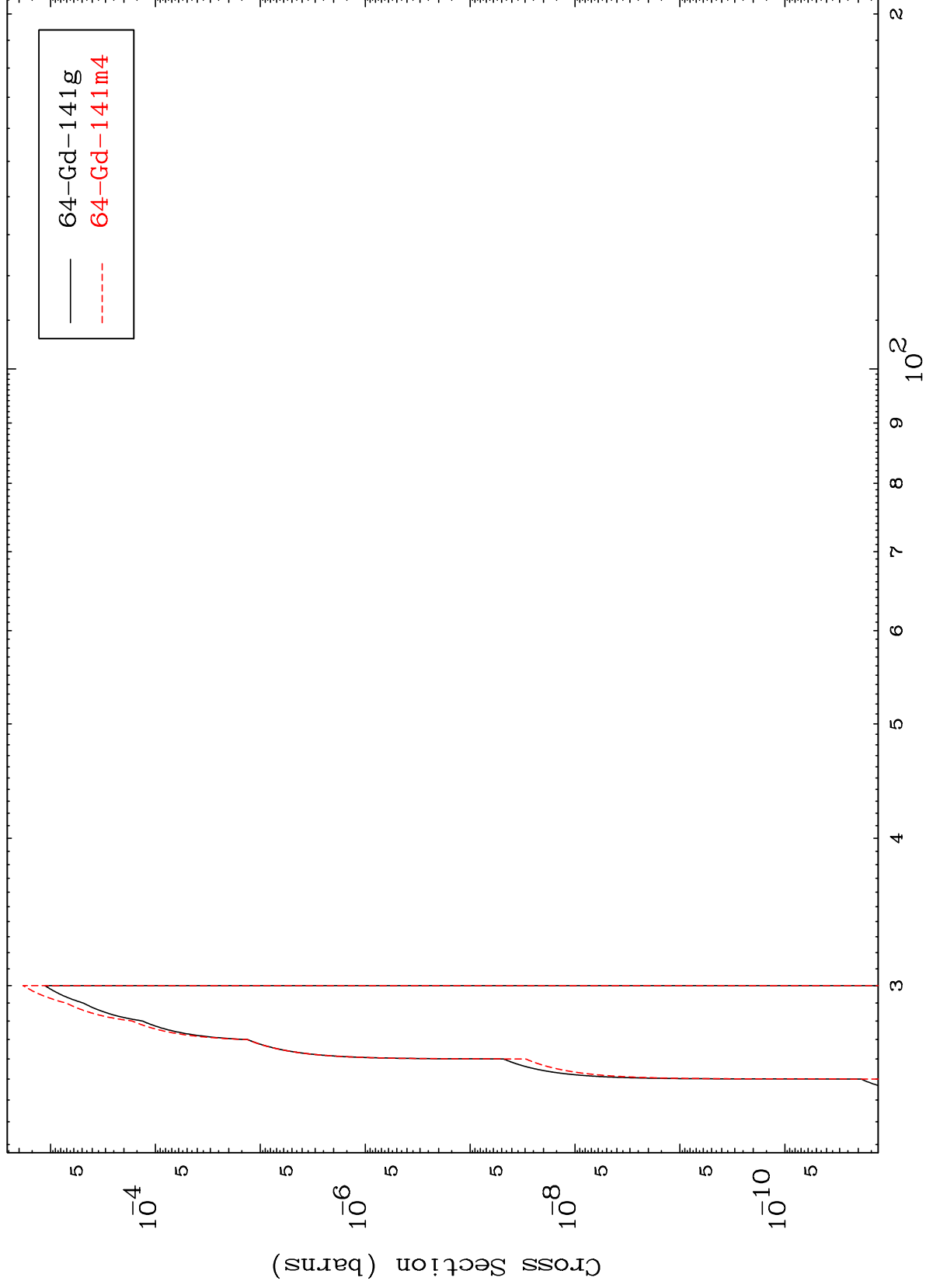


27

Incident Energy (MeV)

65-Tb-144m

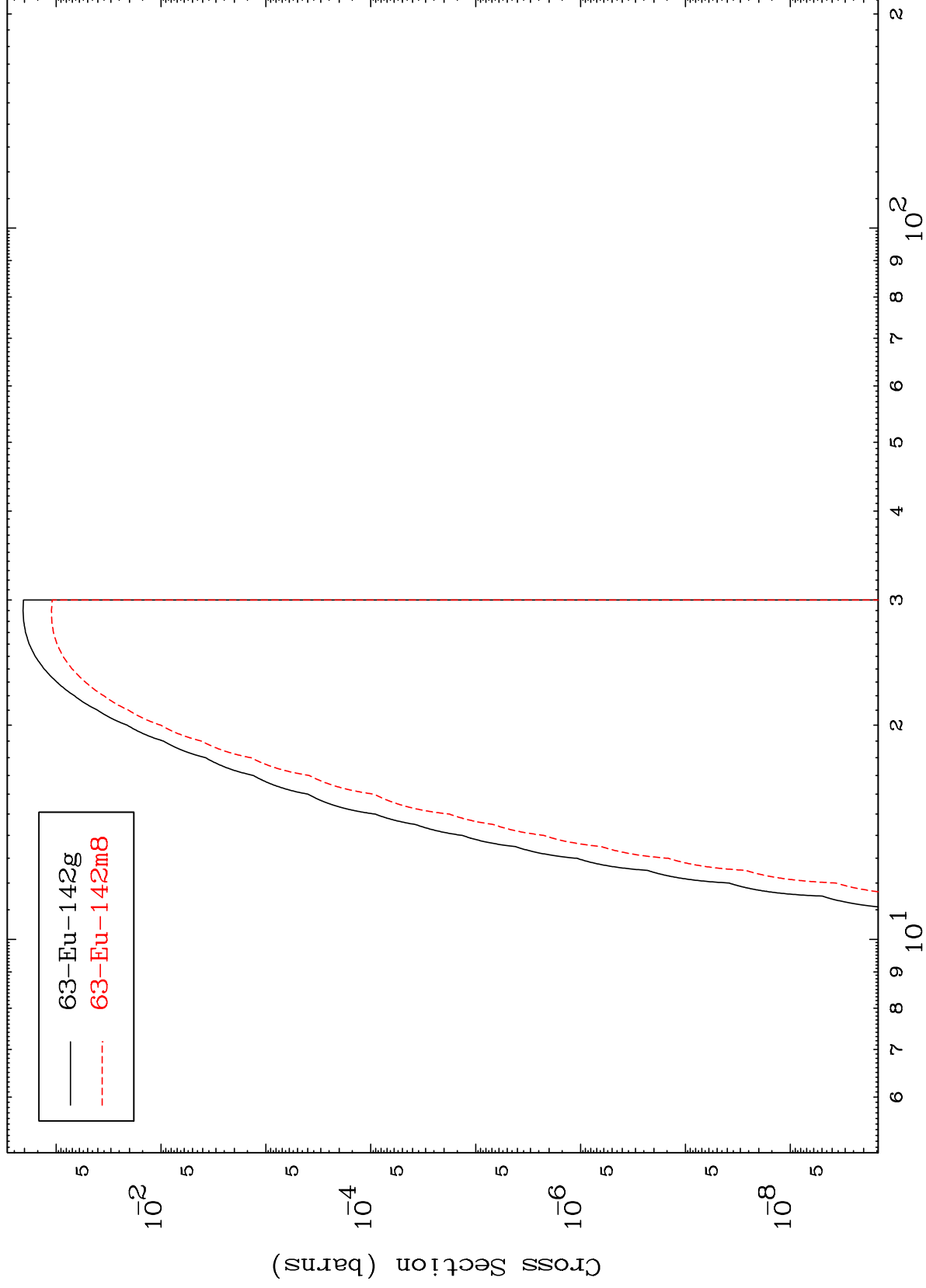
(n,3n) p
Radionuclide Production Cross Section



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65-Tb-144m

(n,2n) p
Radionuclide Production Cross Section



29

Incident Energy (MeV)

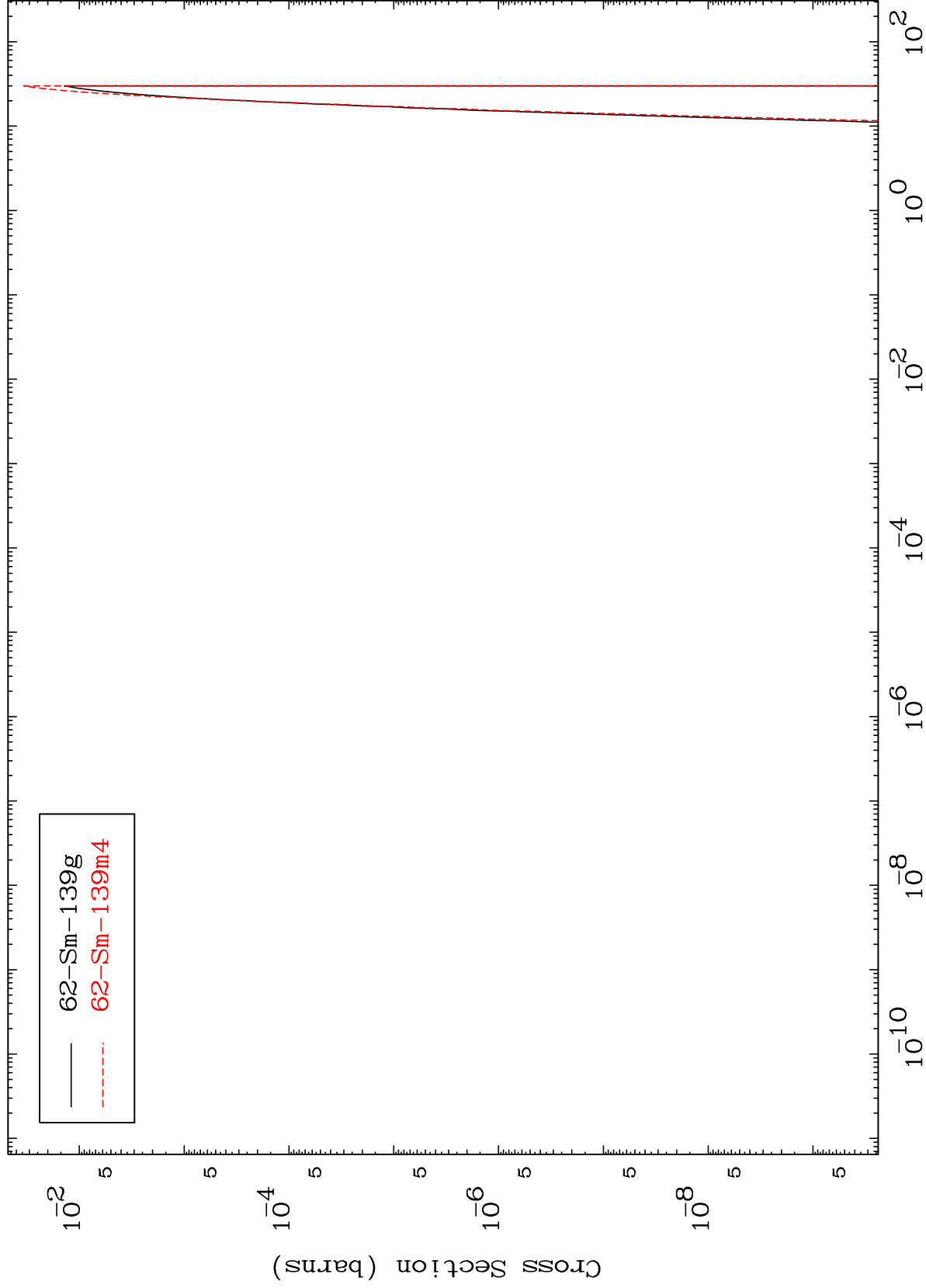
65-Tb-144m

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(n,n') p α

65-Tb-144m

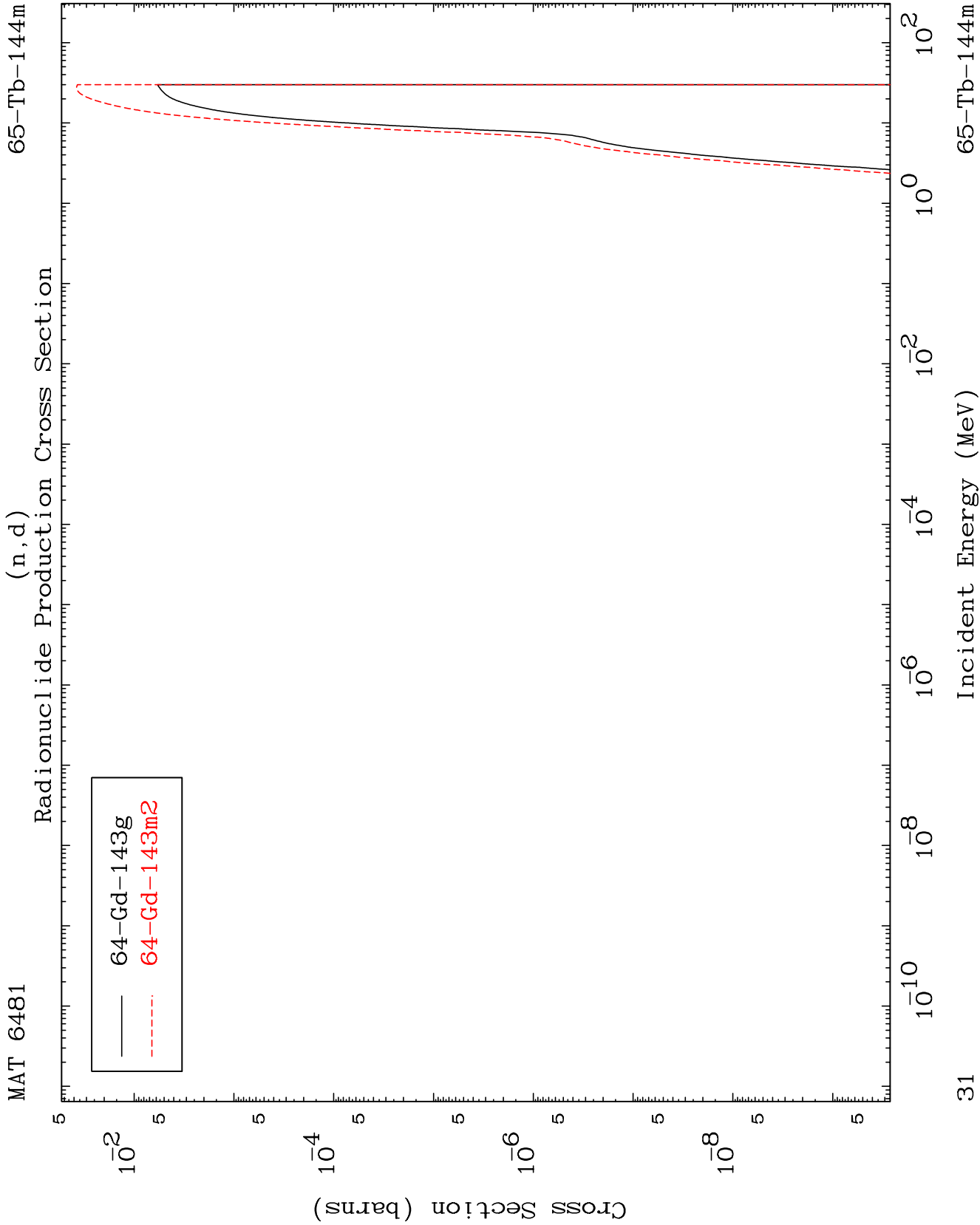
Radionuclide Production Cross Section

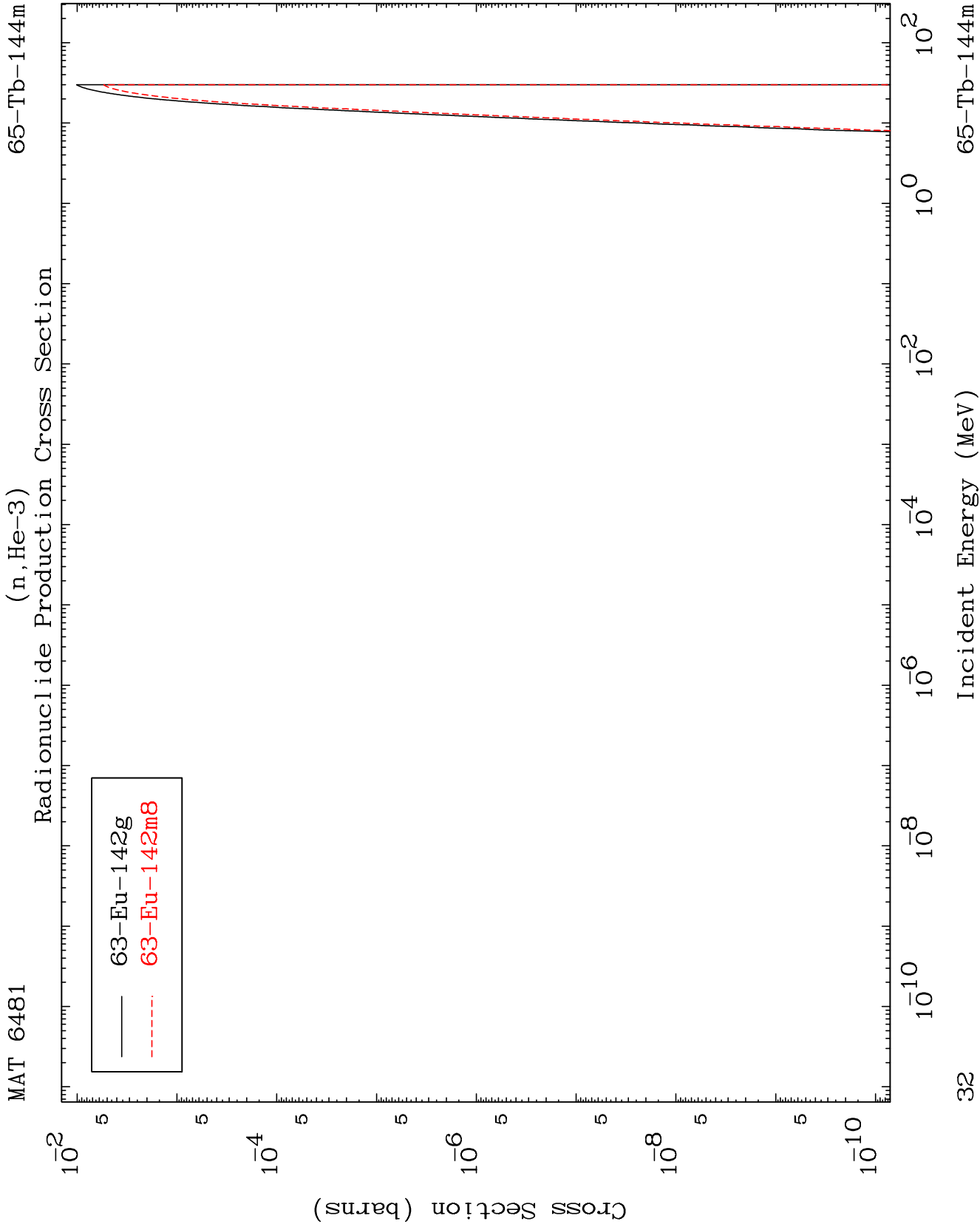


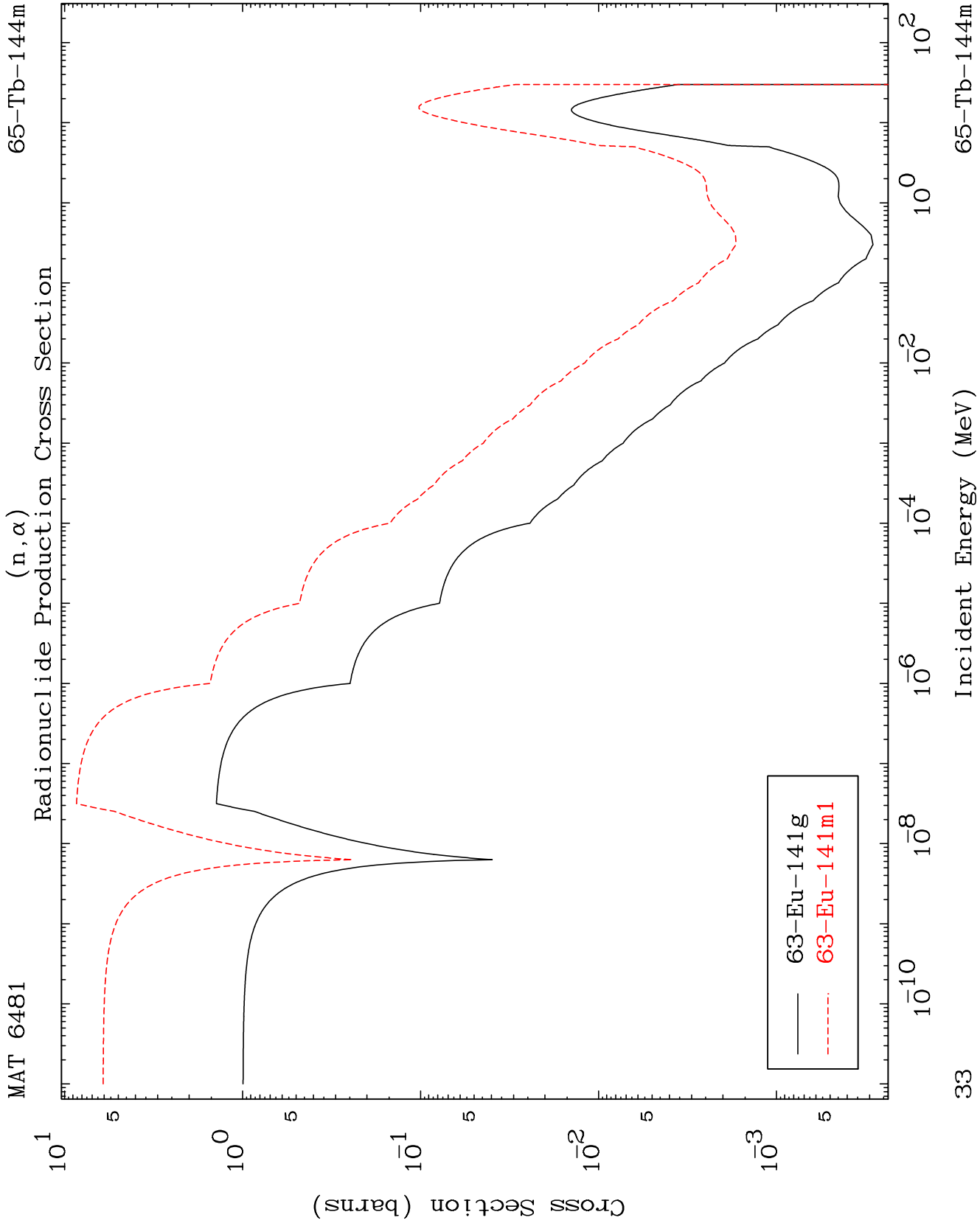
30

Incident Energy (MeV)

65-Tb-144m





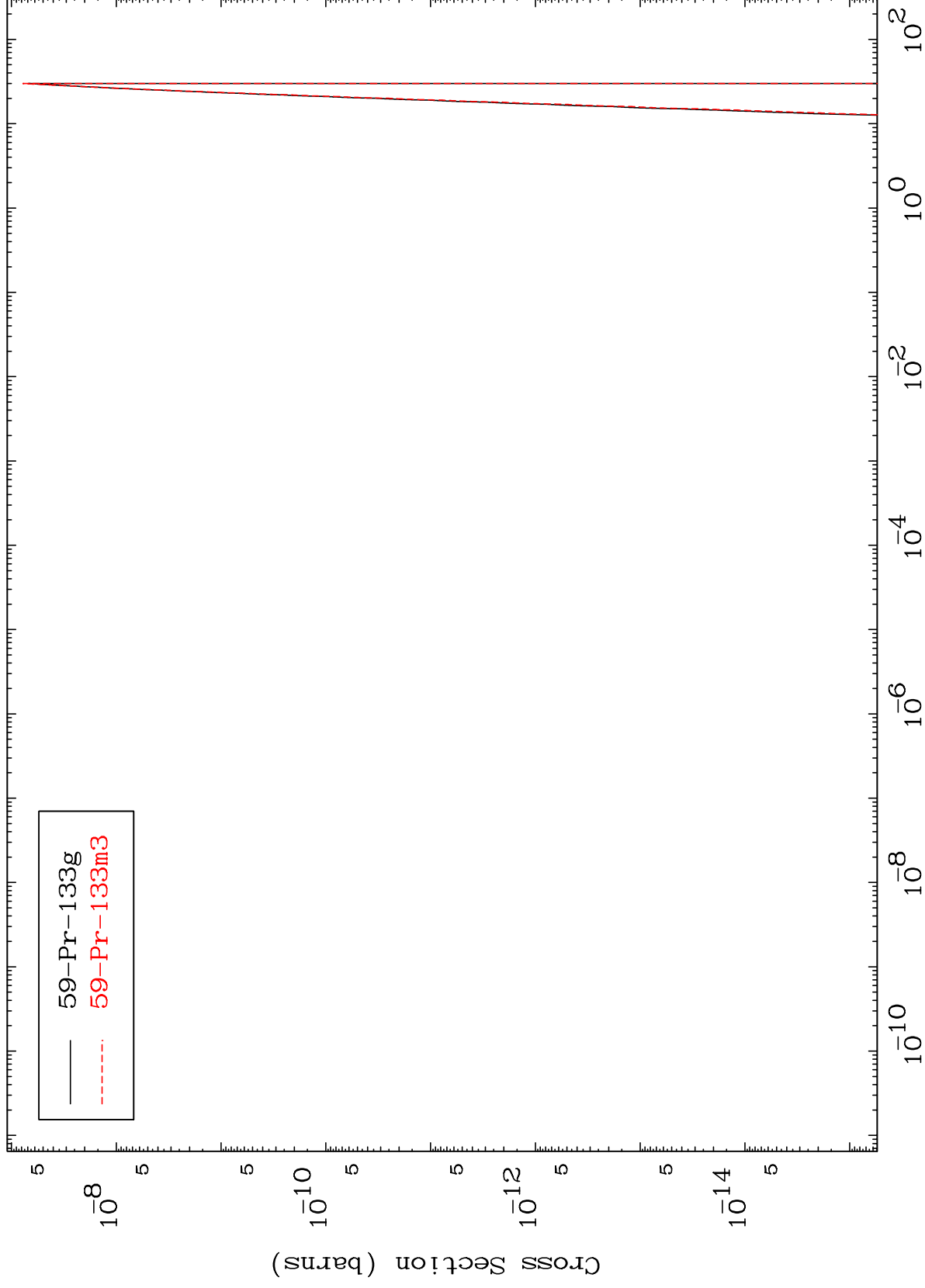


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(n,3α)

65-Tb-144m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

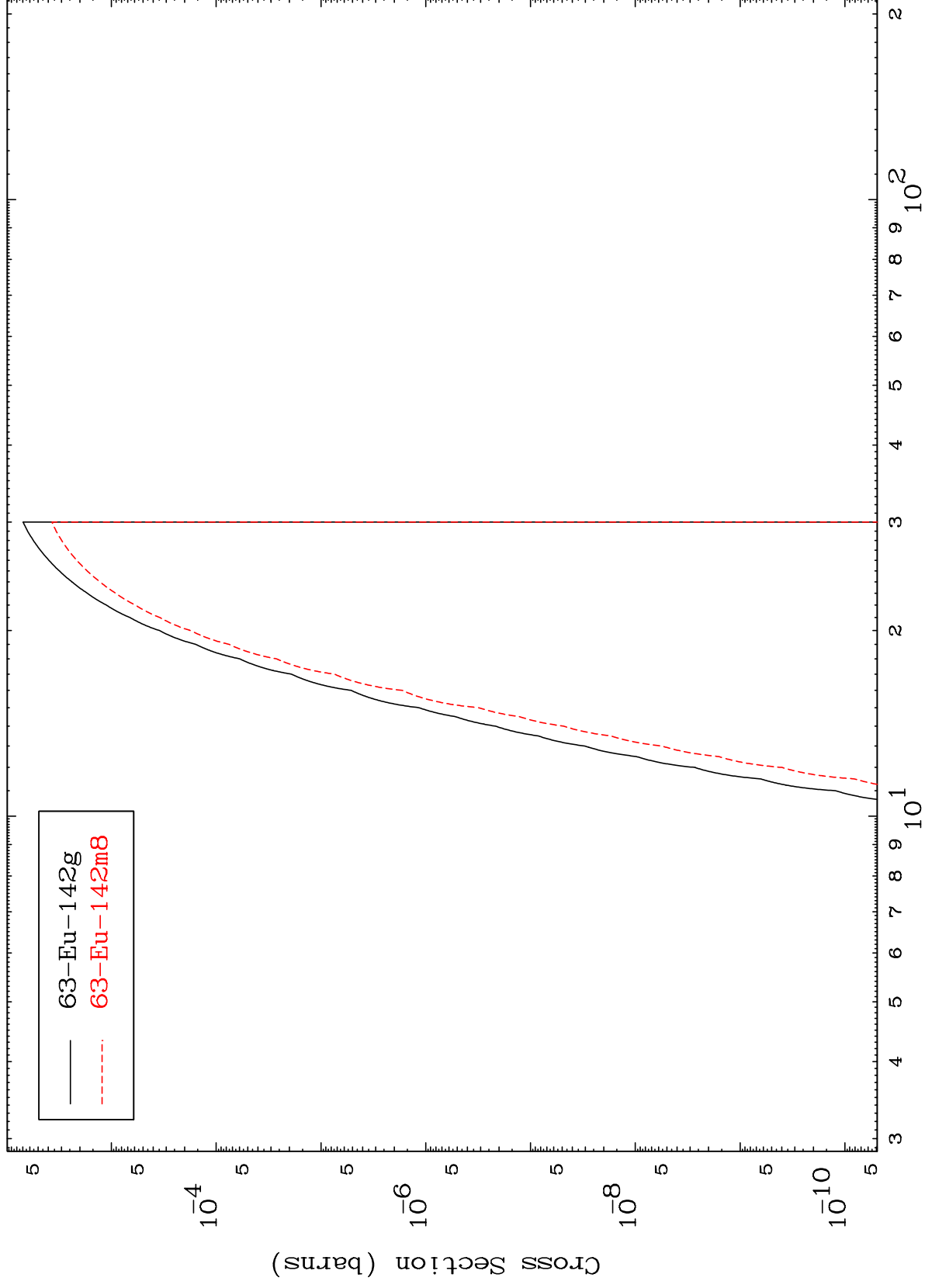
65-Tb-144m

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(n,p) d

65-Tb-144m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

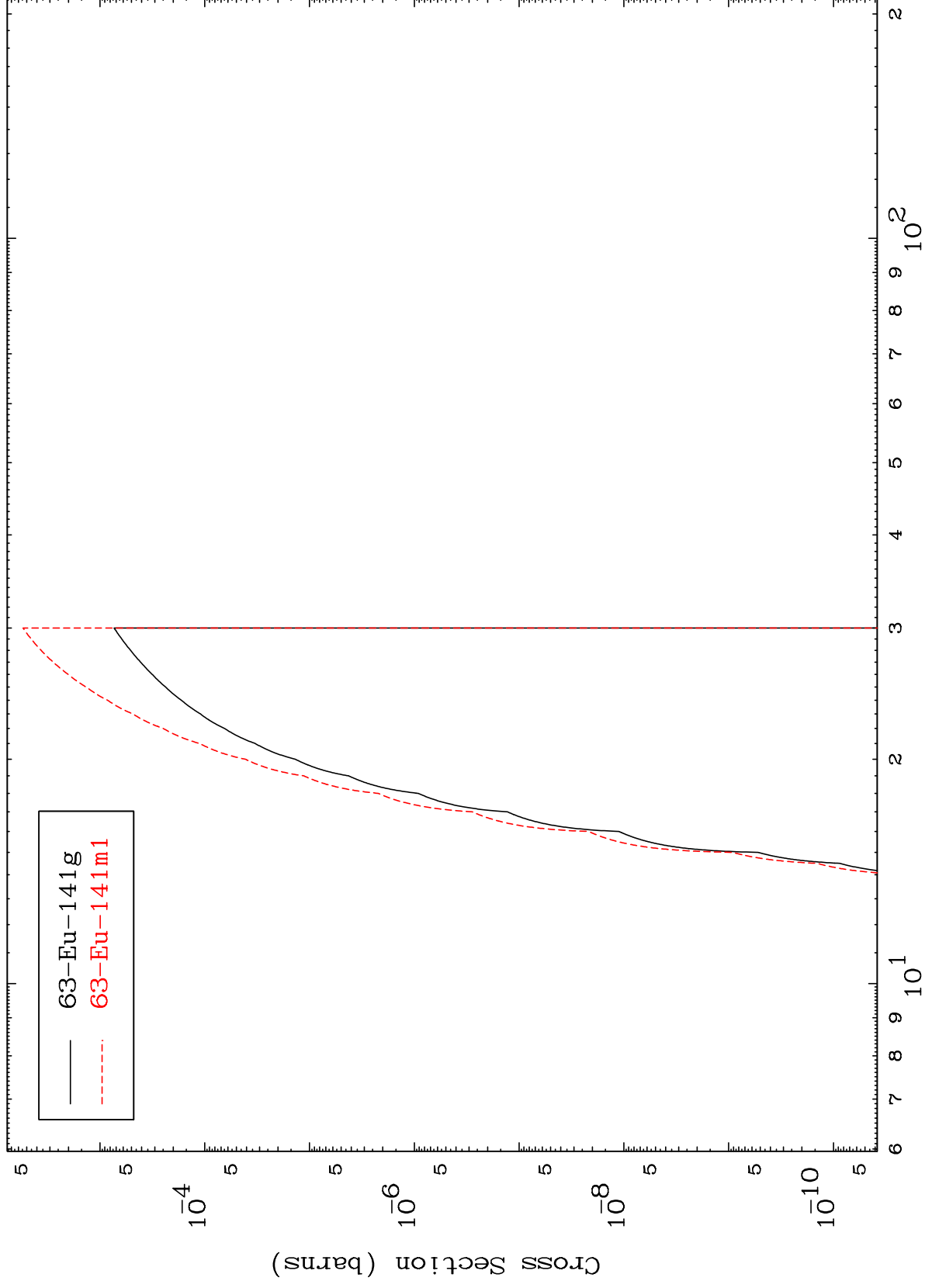
65-Tb-144m

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(n,p) t

65-Tb-144m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-144m

36

