

Program EVALPLOT
(Version 2017-1)

by

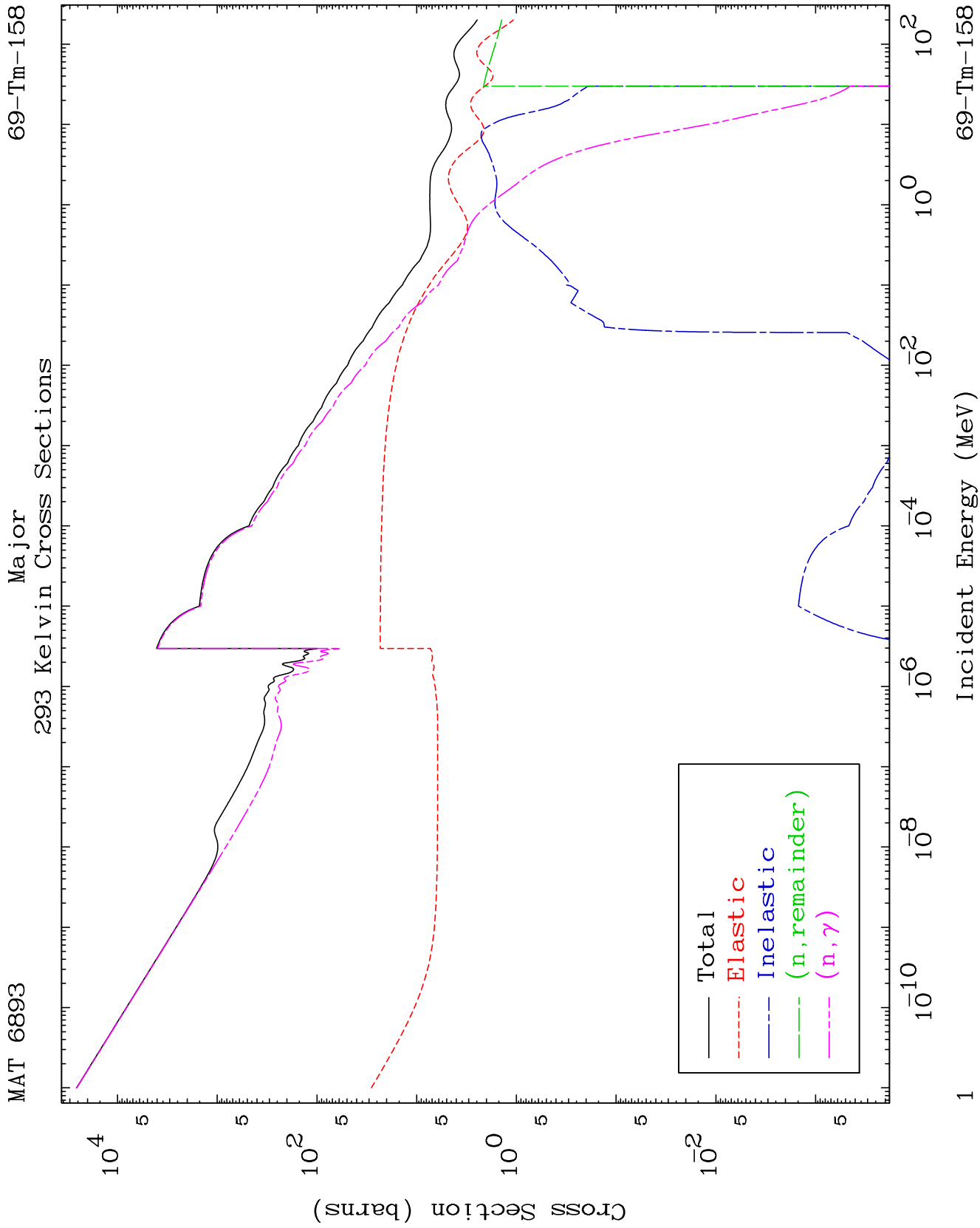
Dermott E. Cullen
(Present Contact Information)

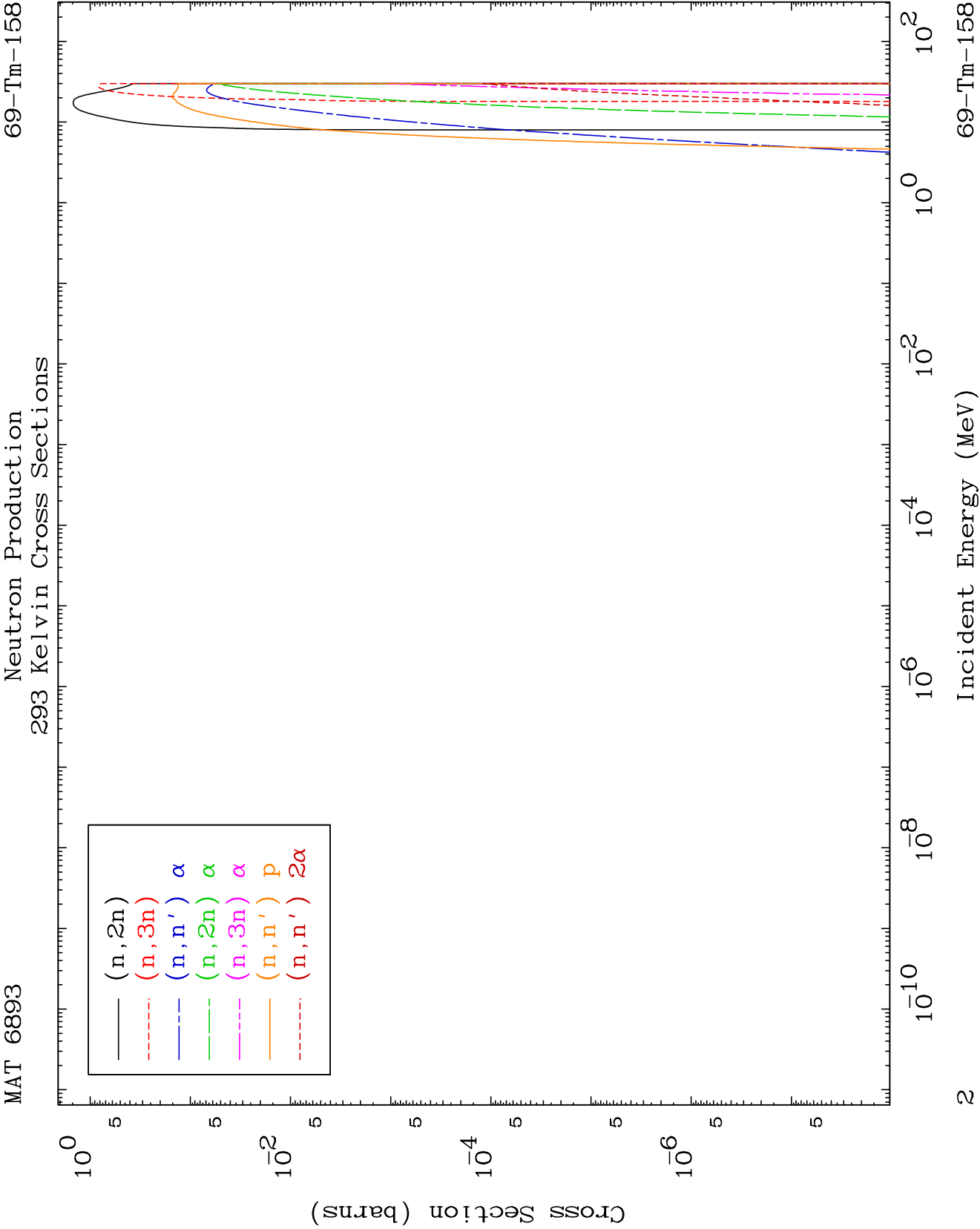
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

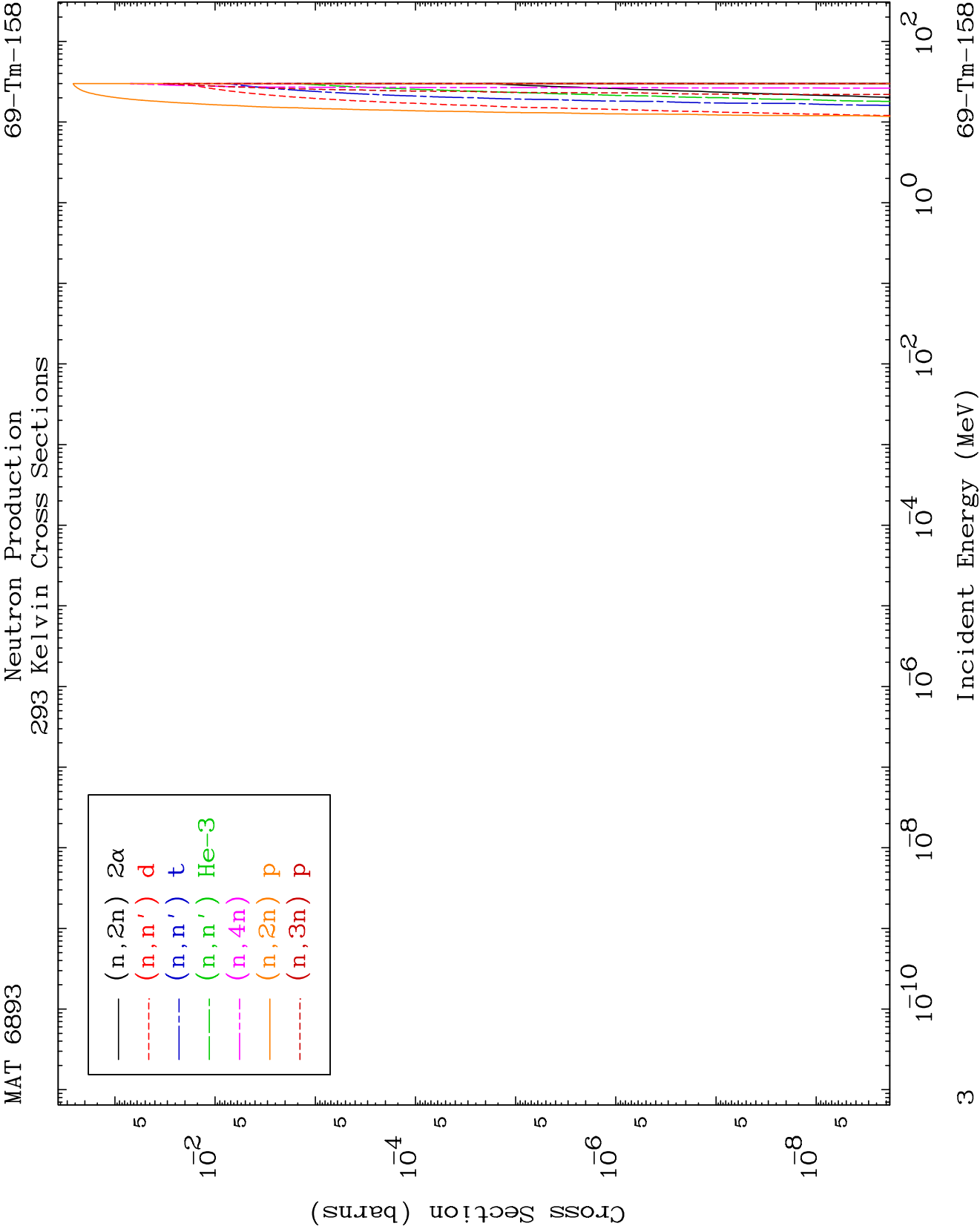
Tele: 925-443-1911

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

Press Mouse Button to Start



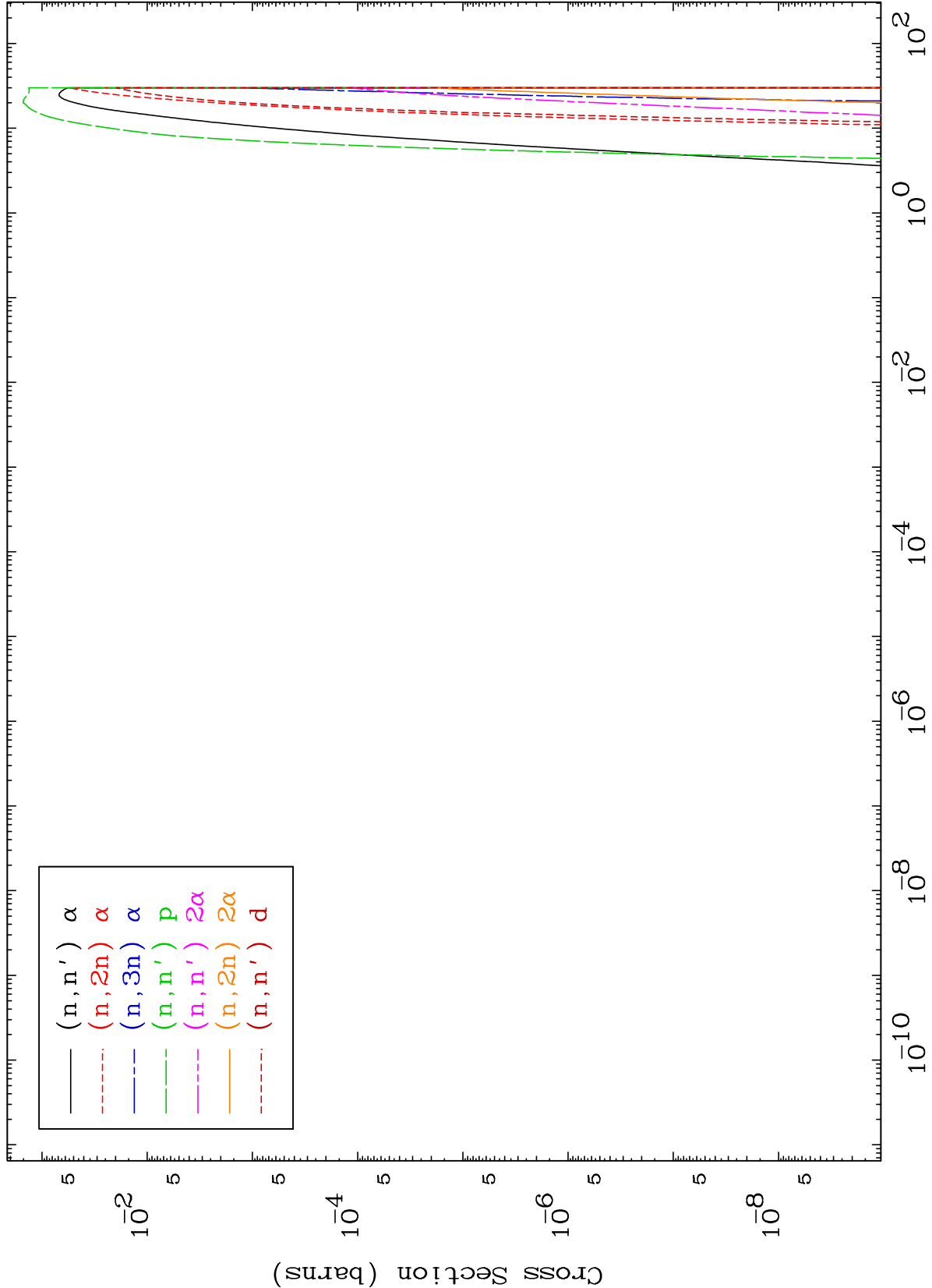


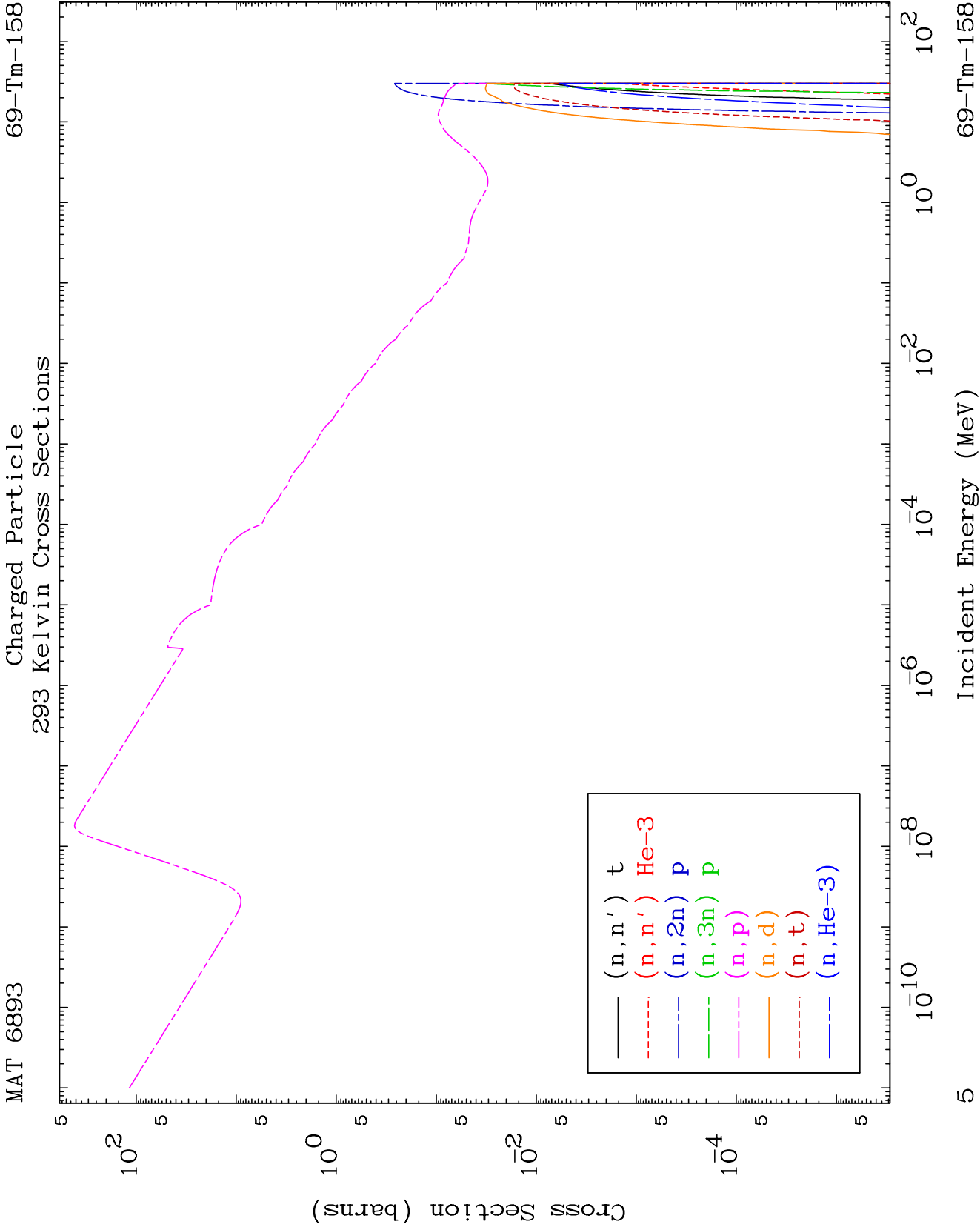


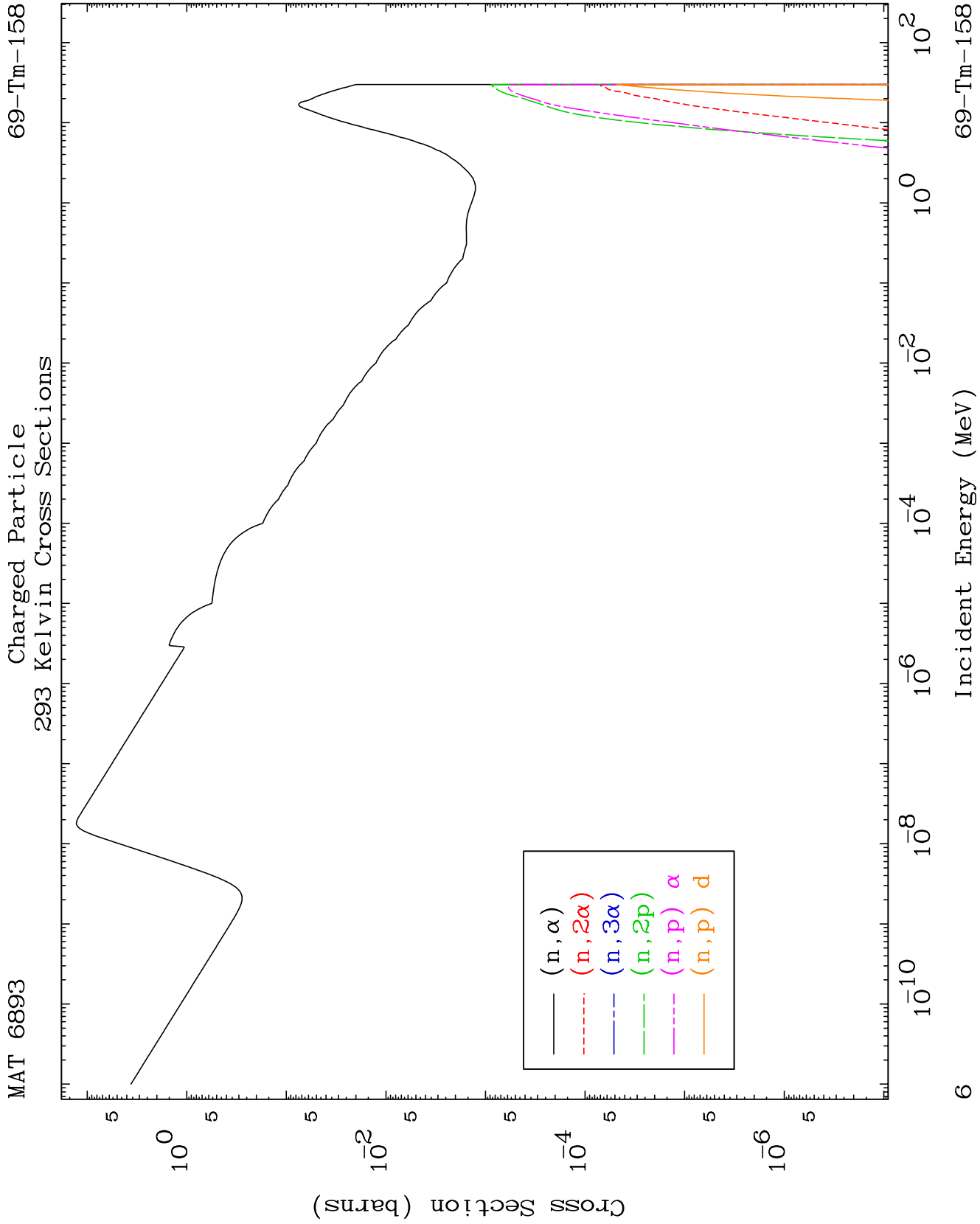
MAT 6893

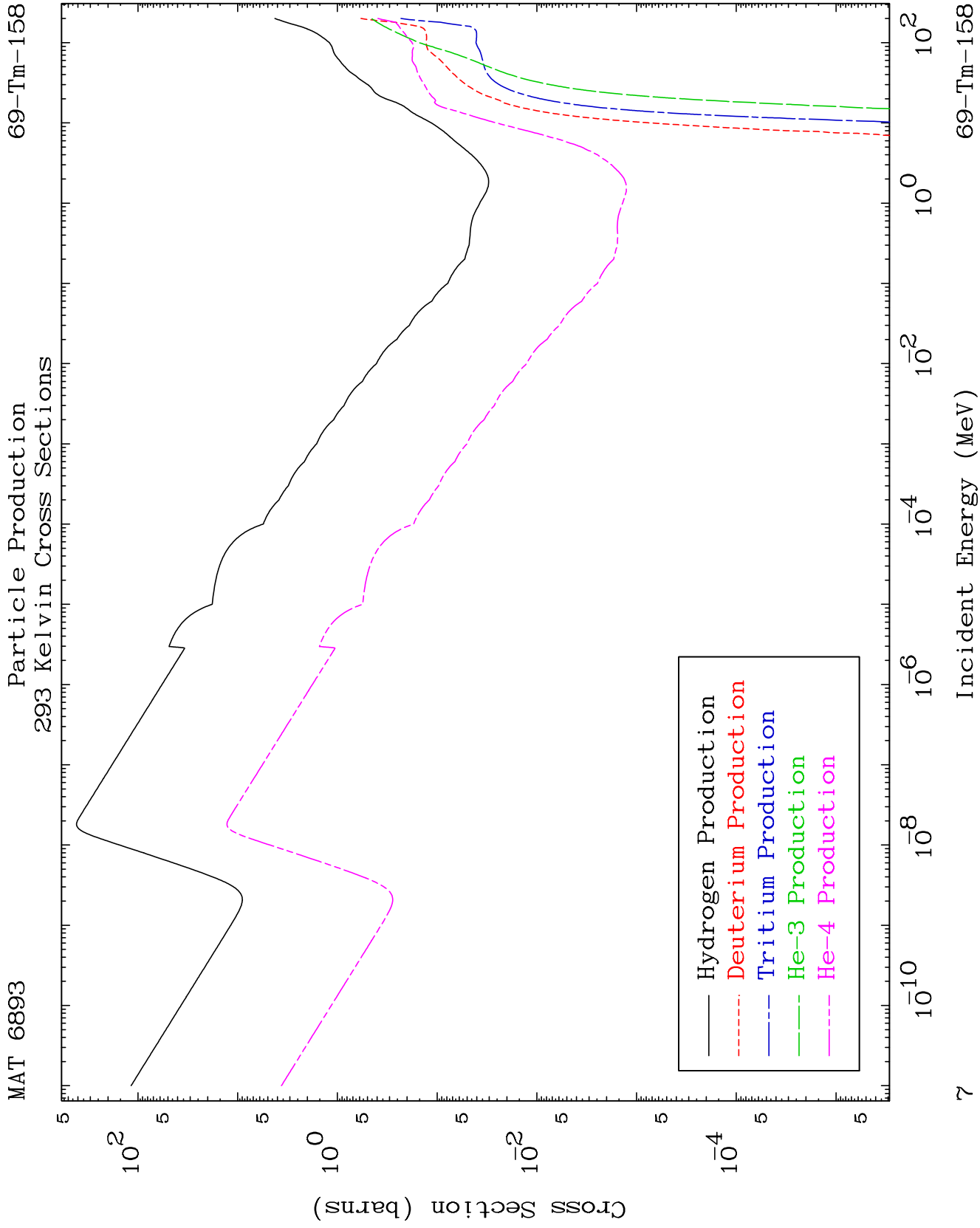
Charged Particle
293 Kelvin Cross Sections

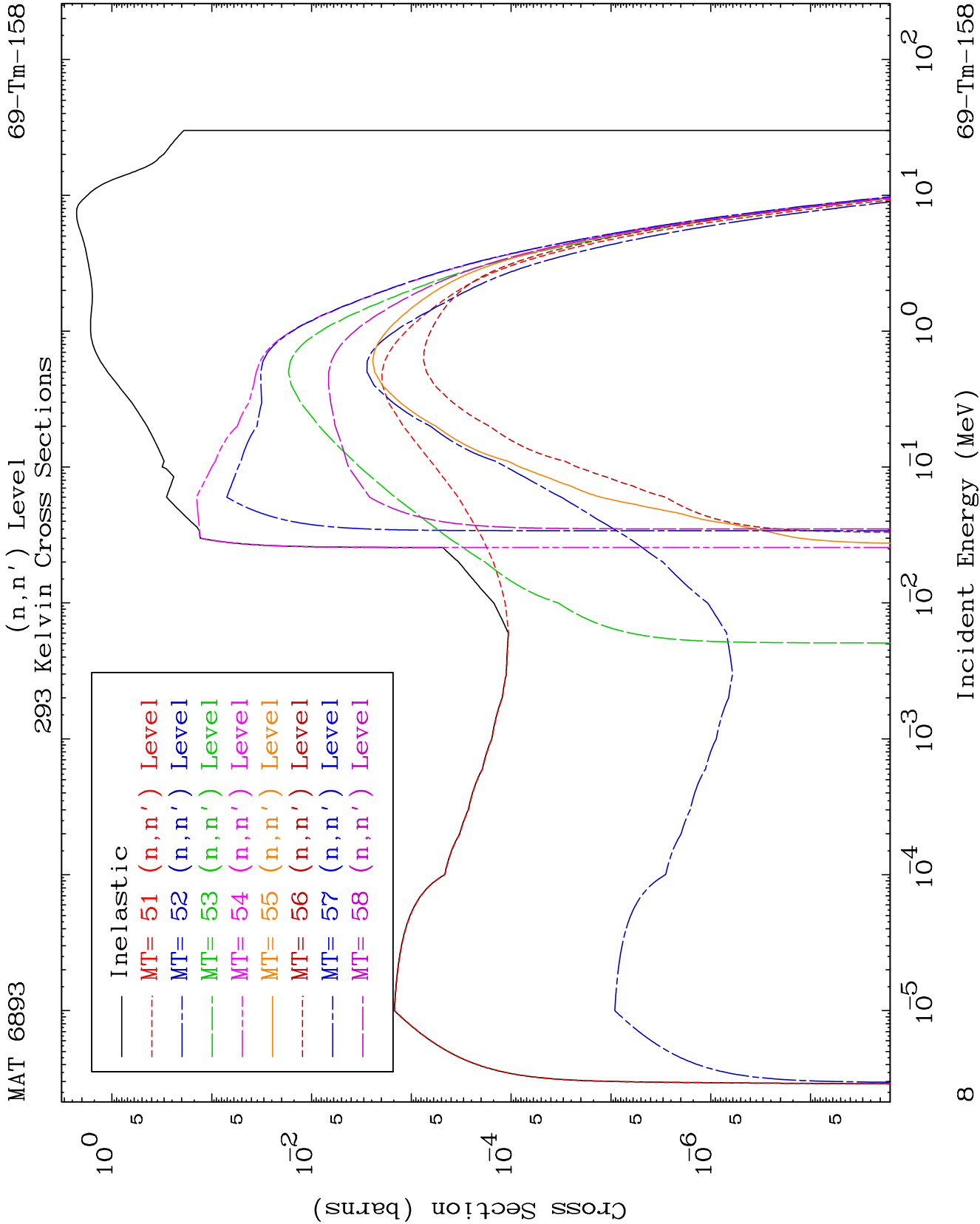
69-Tm-158

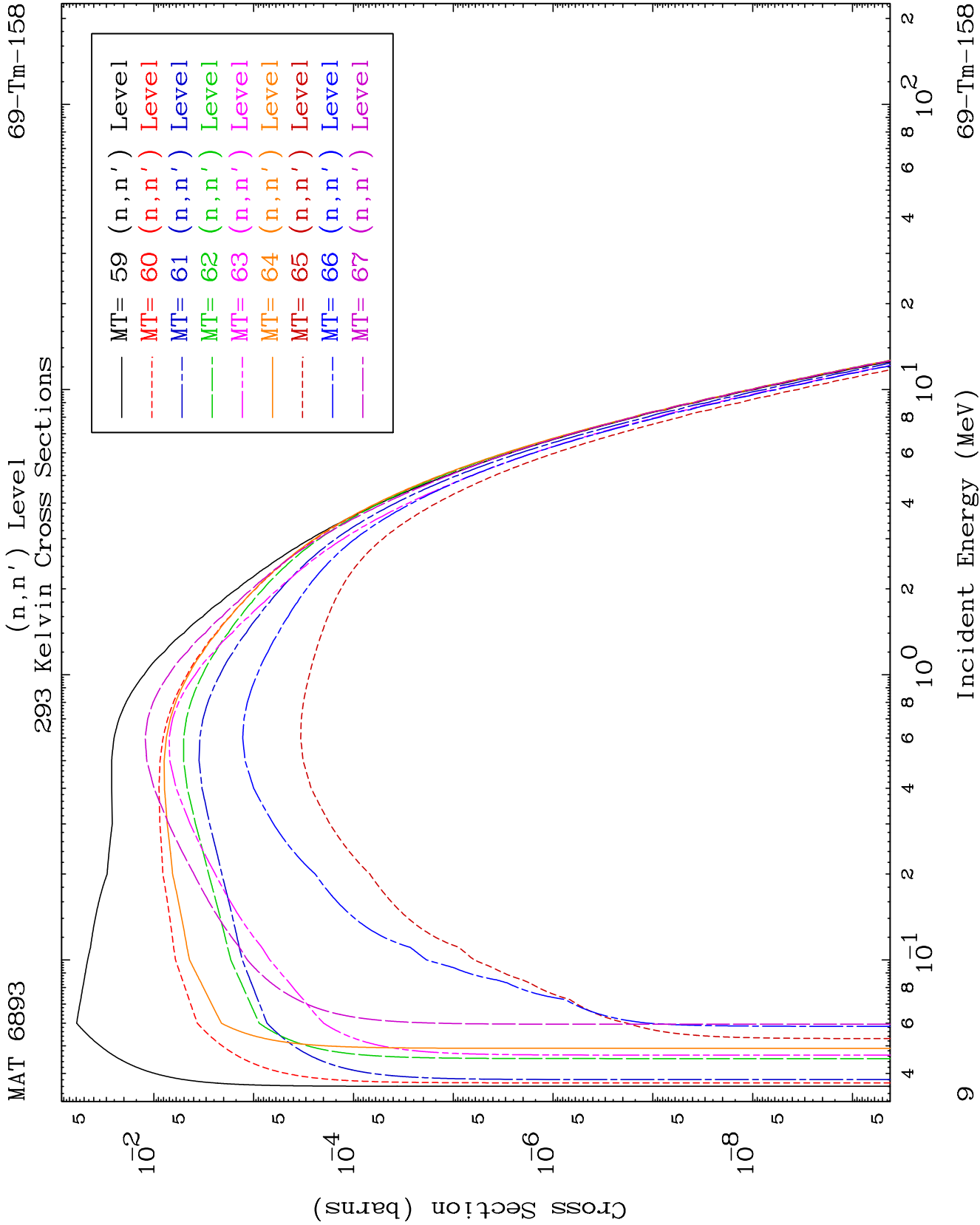


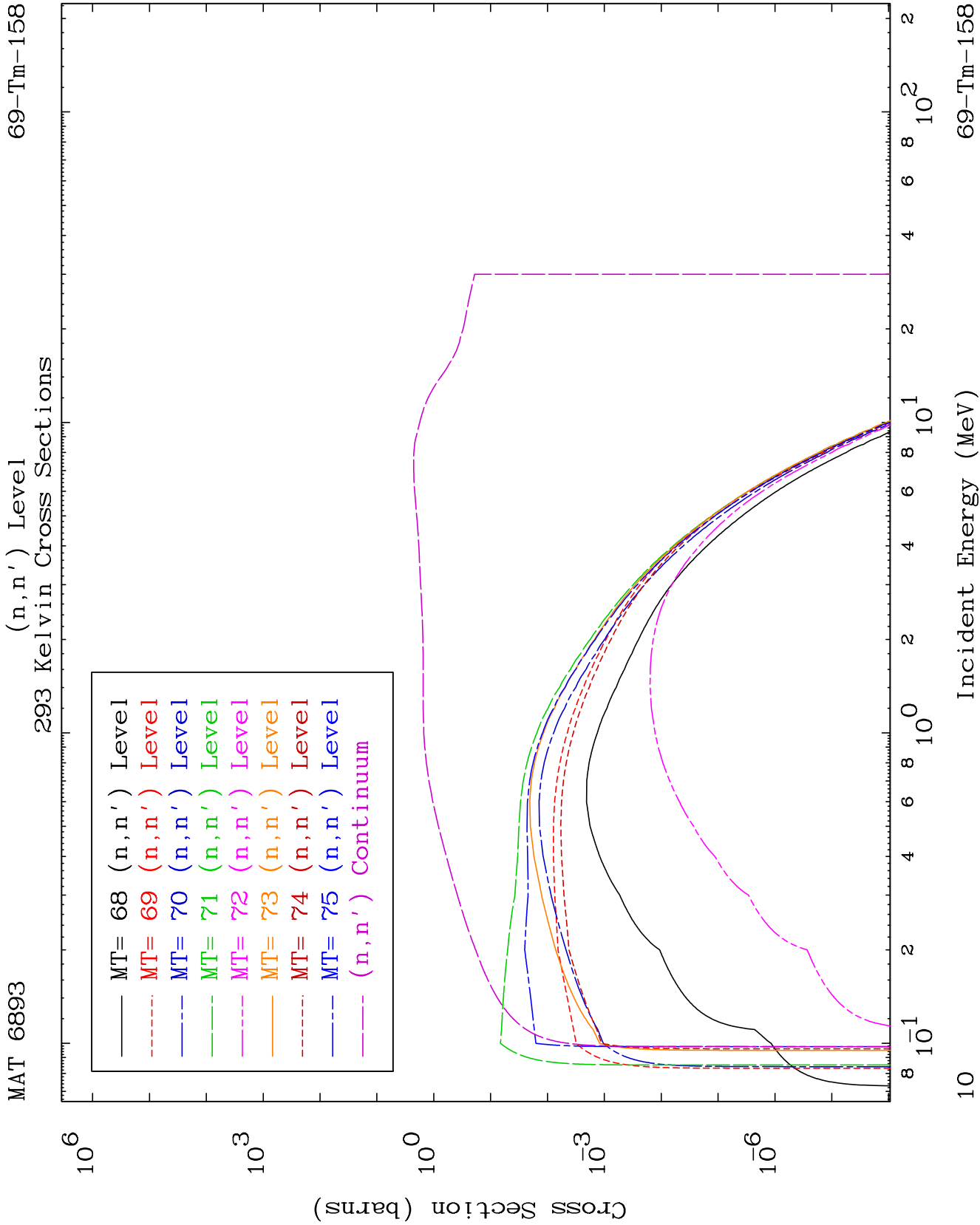








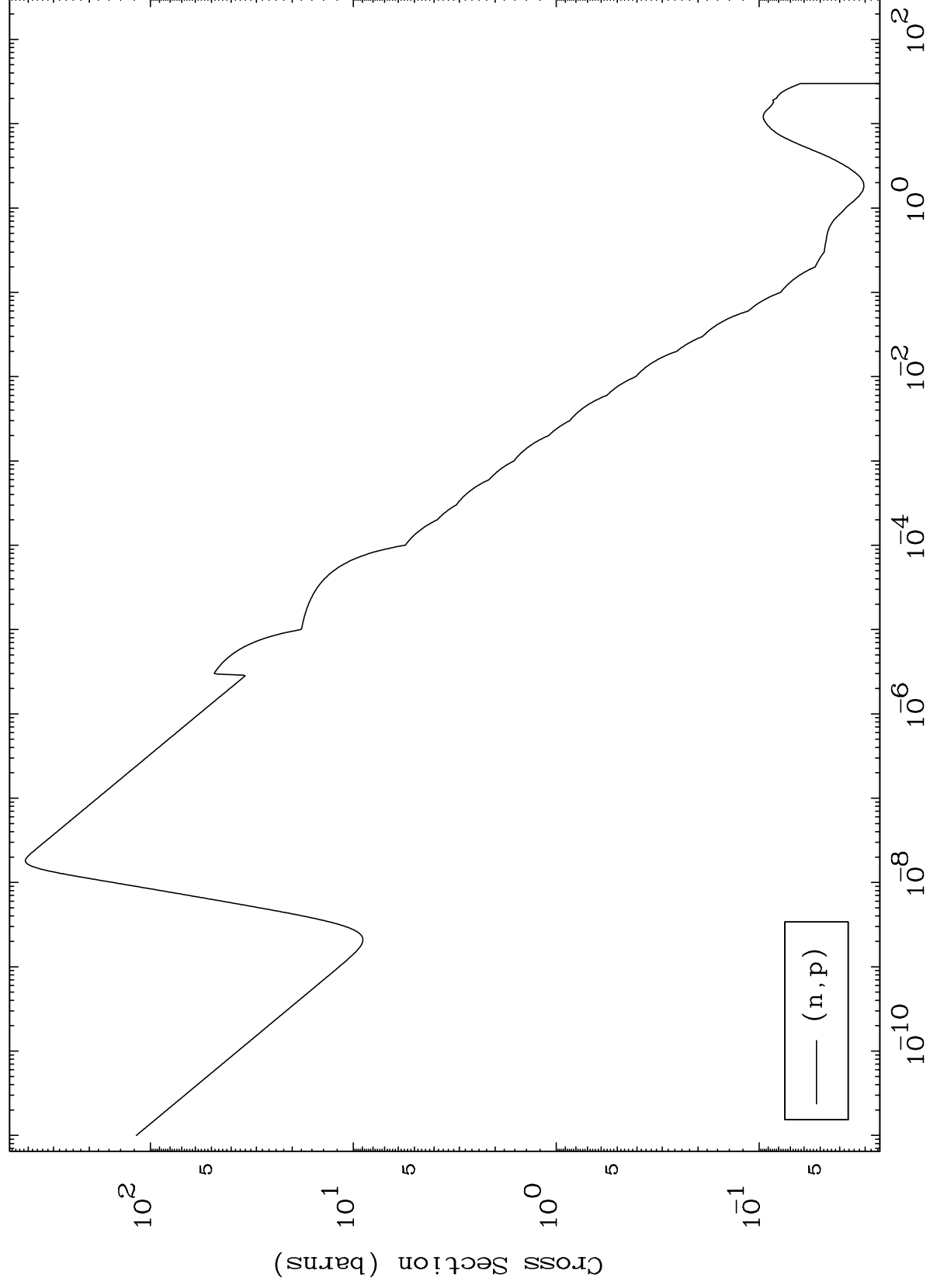




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(n,p) Levels
293 Kelvin Cross Sections

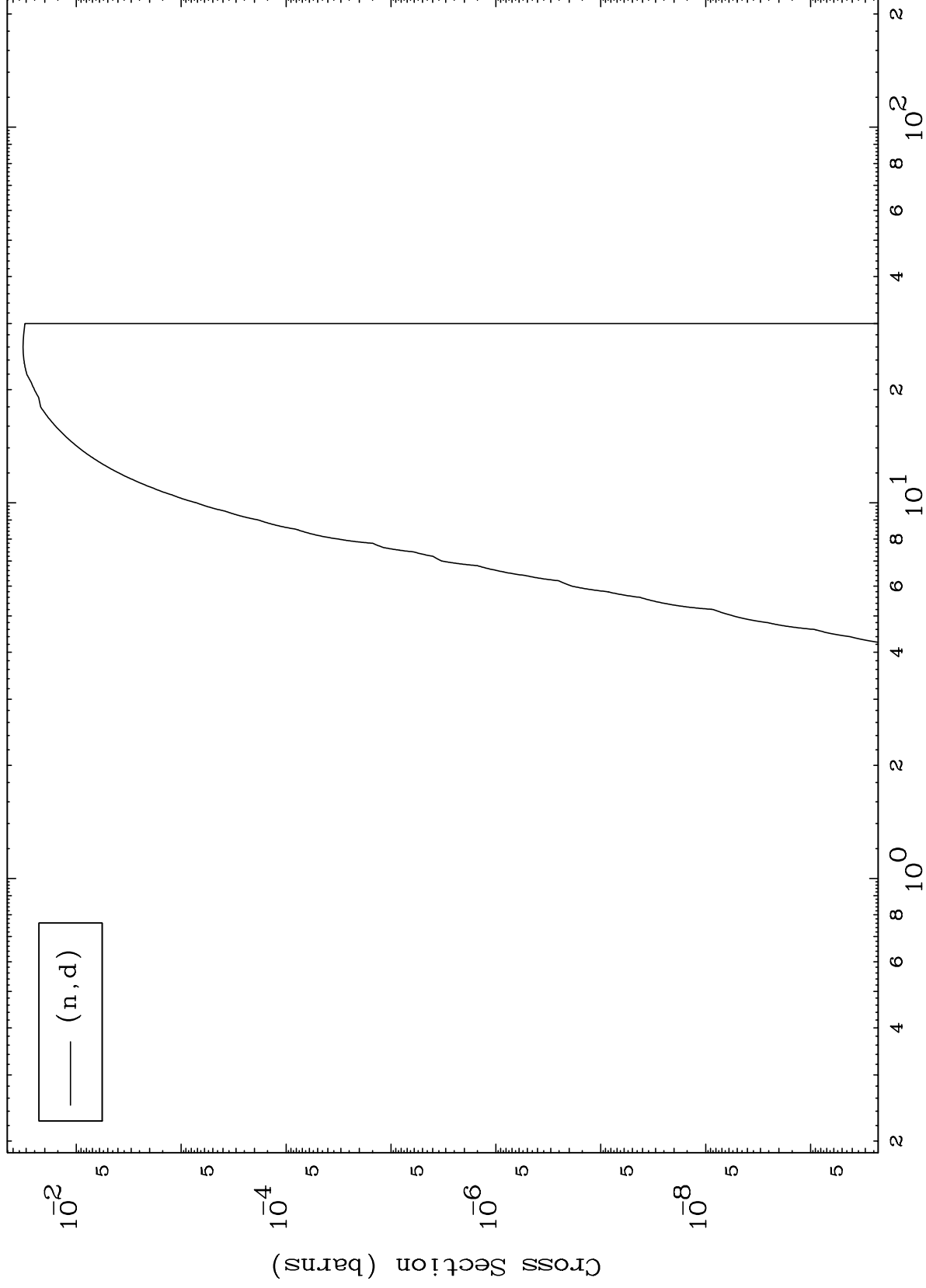
69-Tm-158



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69-Tm-158

(n,d) Levels
293 Kelvin Cross Sections



69-Tm-158

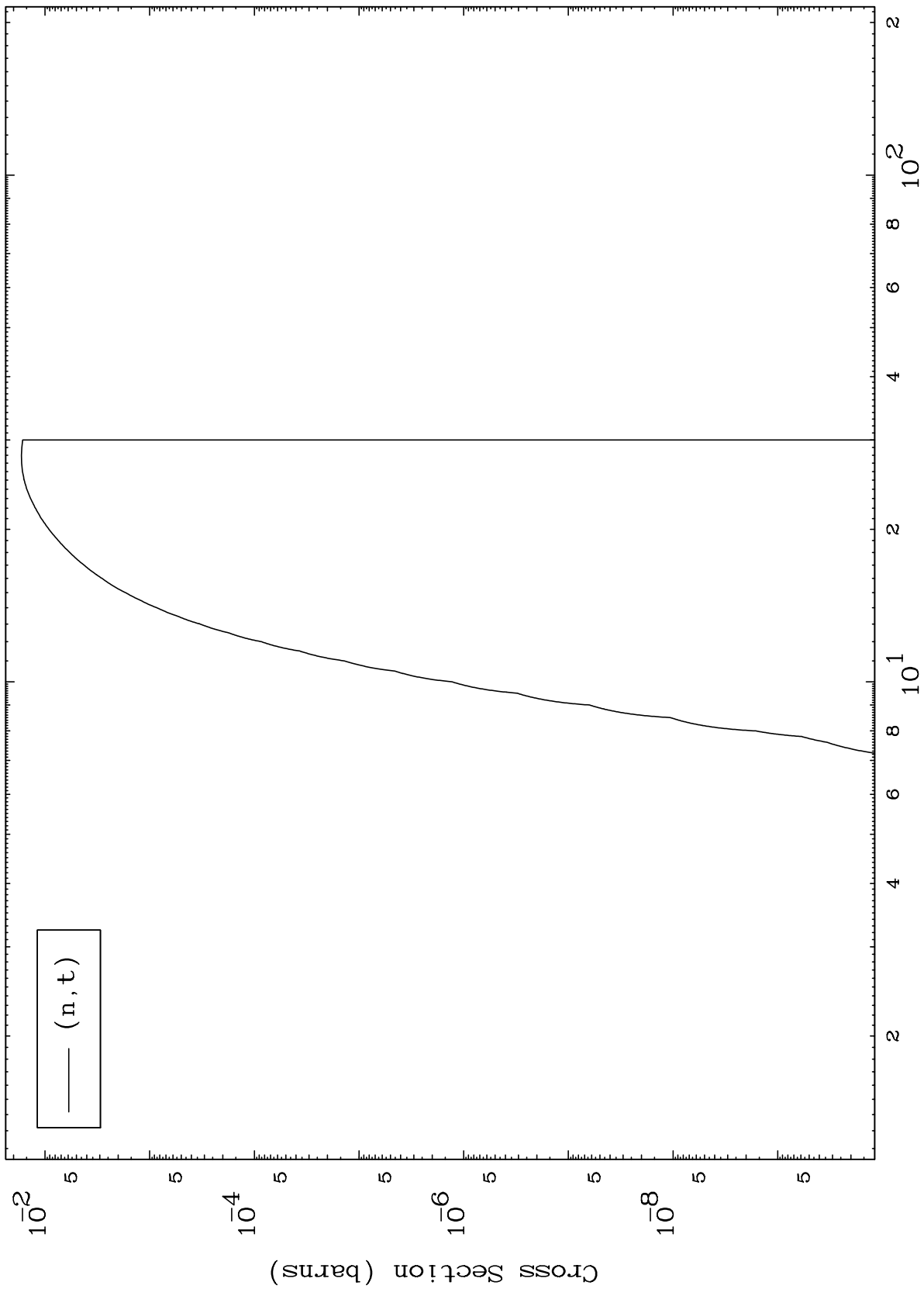
Incident Energy (MeV)

12

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69-Tm-158

(n,t) Levels
293 Kelvin Cross Sections



13

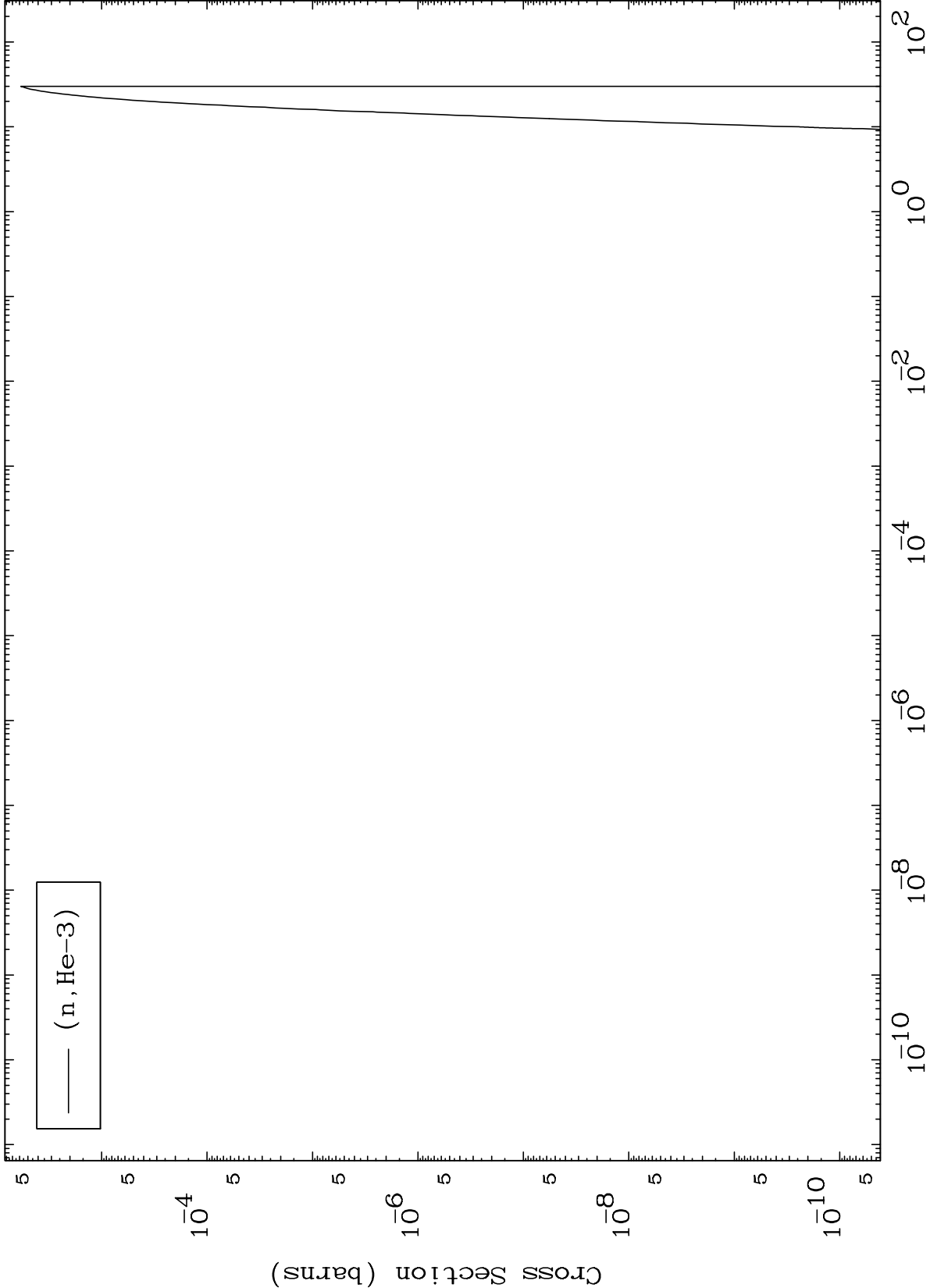
Incident Energy (MeV)

69-Tm-158

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(n,He3) Levels
293 Kelvin Cross Sections

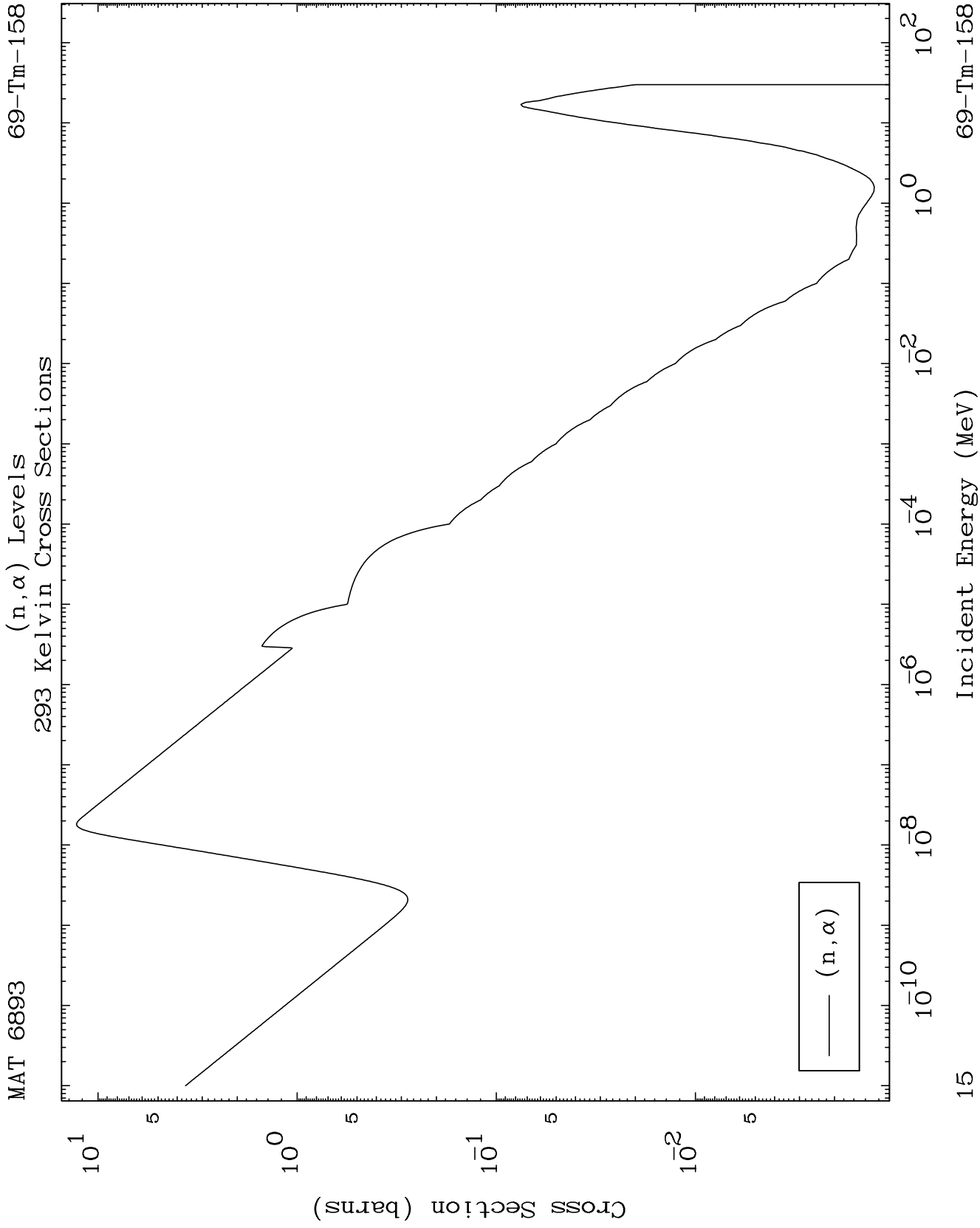
69-Tm-158

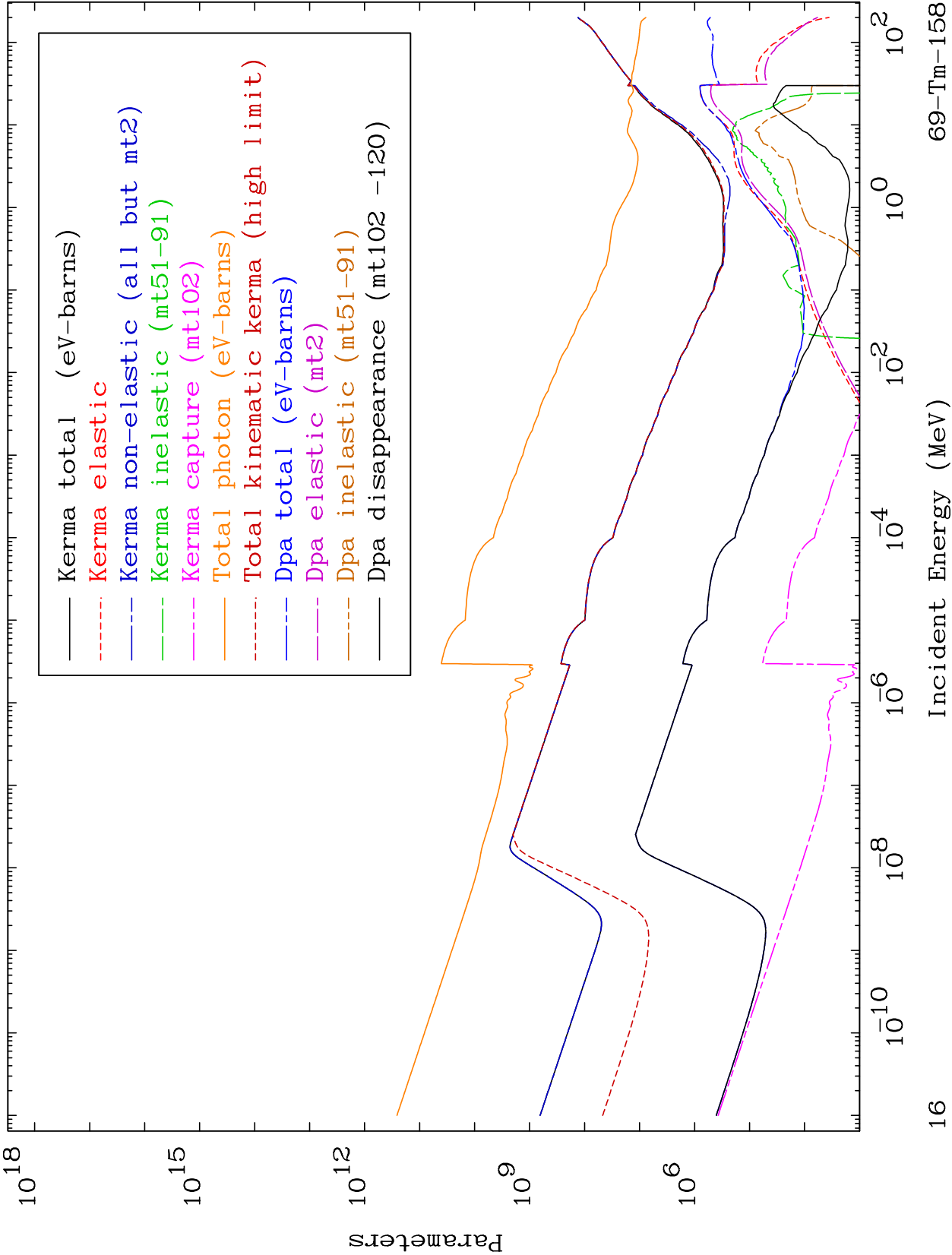


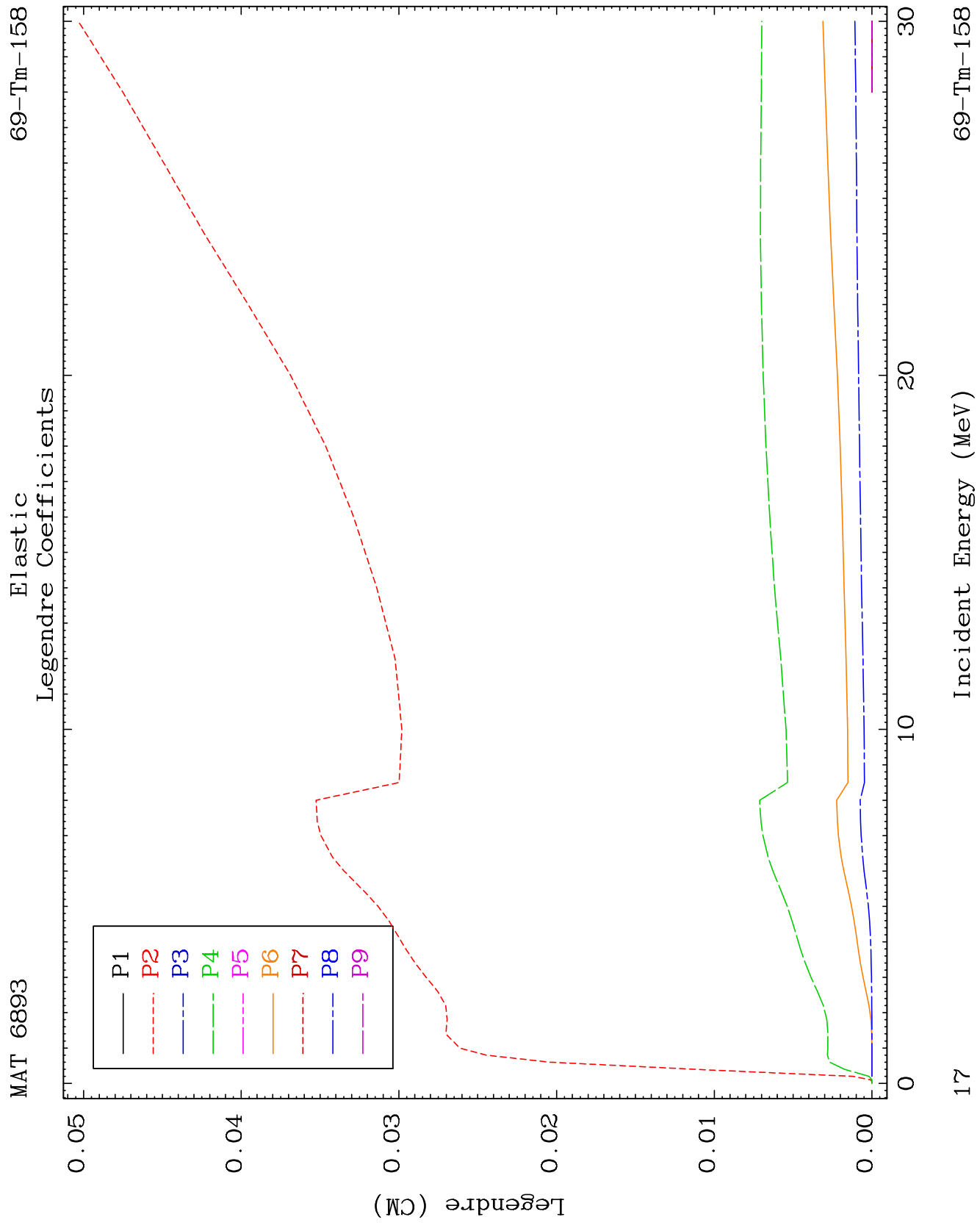
14

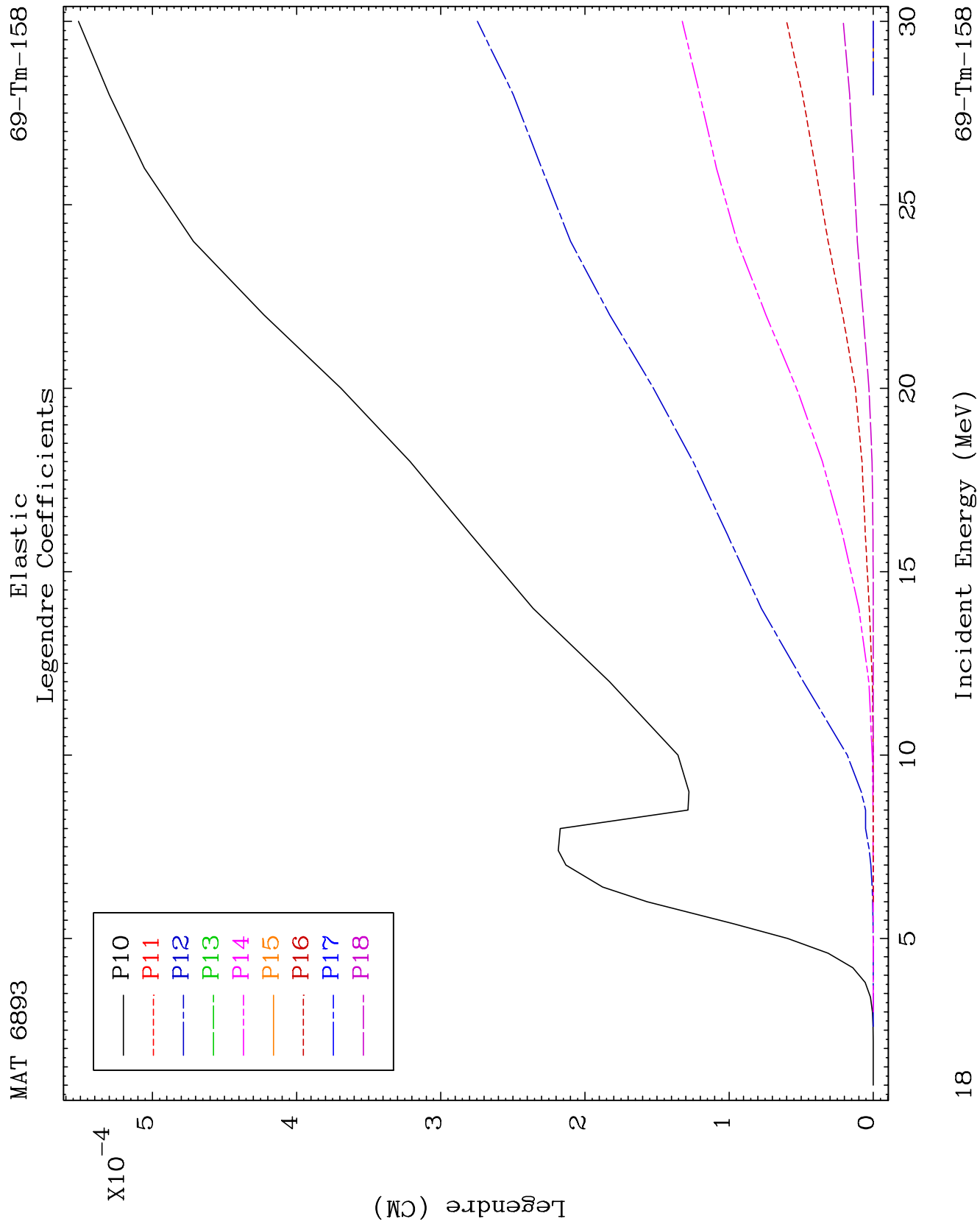
Incident Energy (MeV)

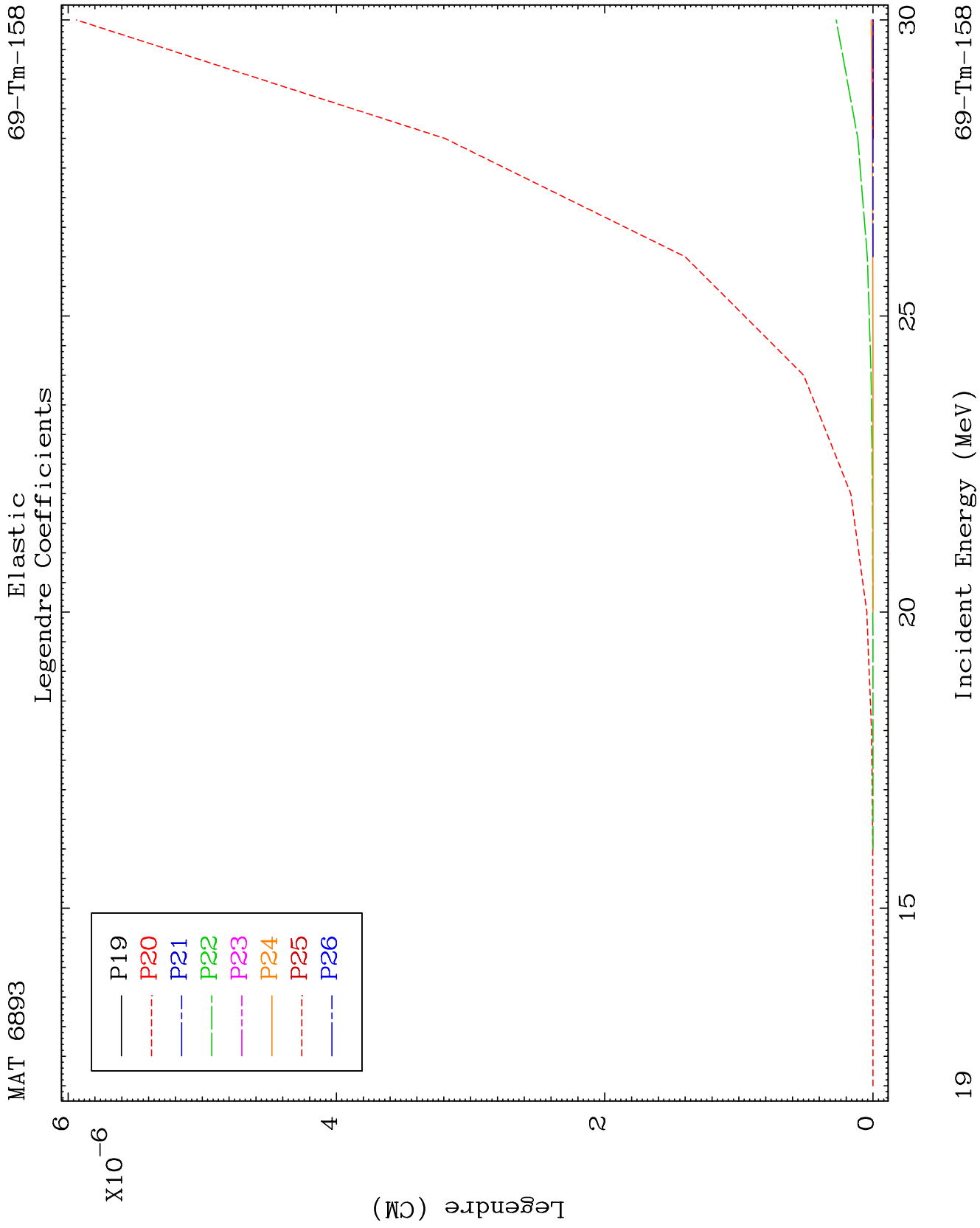
69-Tm-158









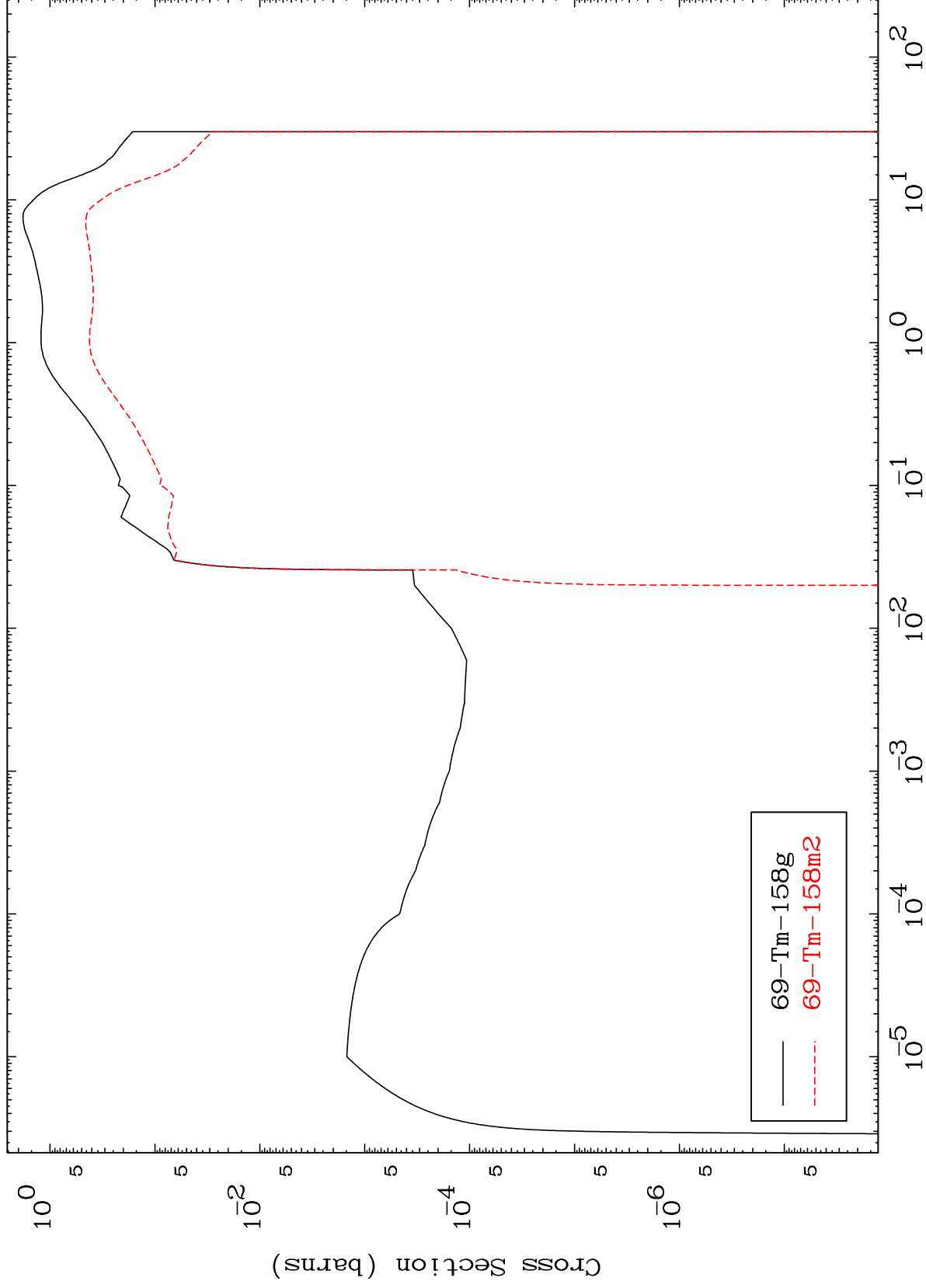


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Inelastic

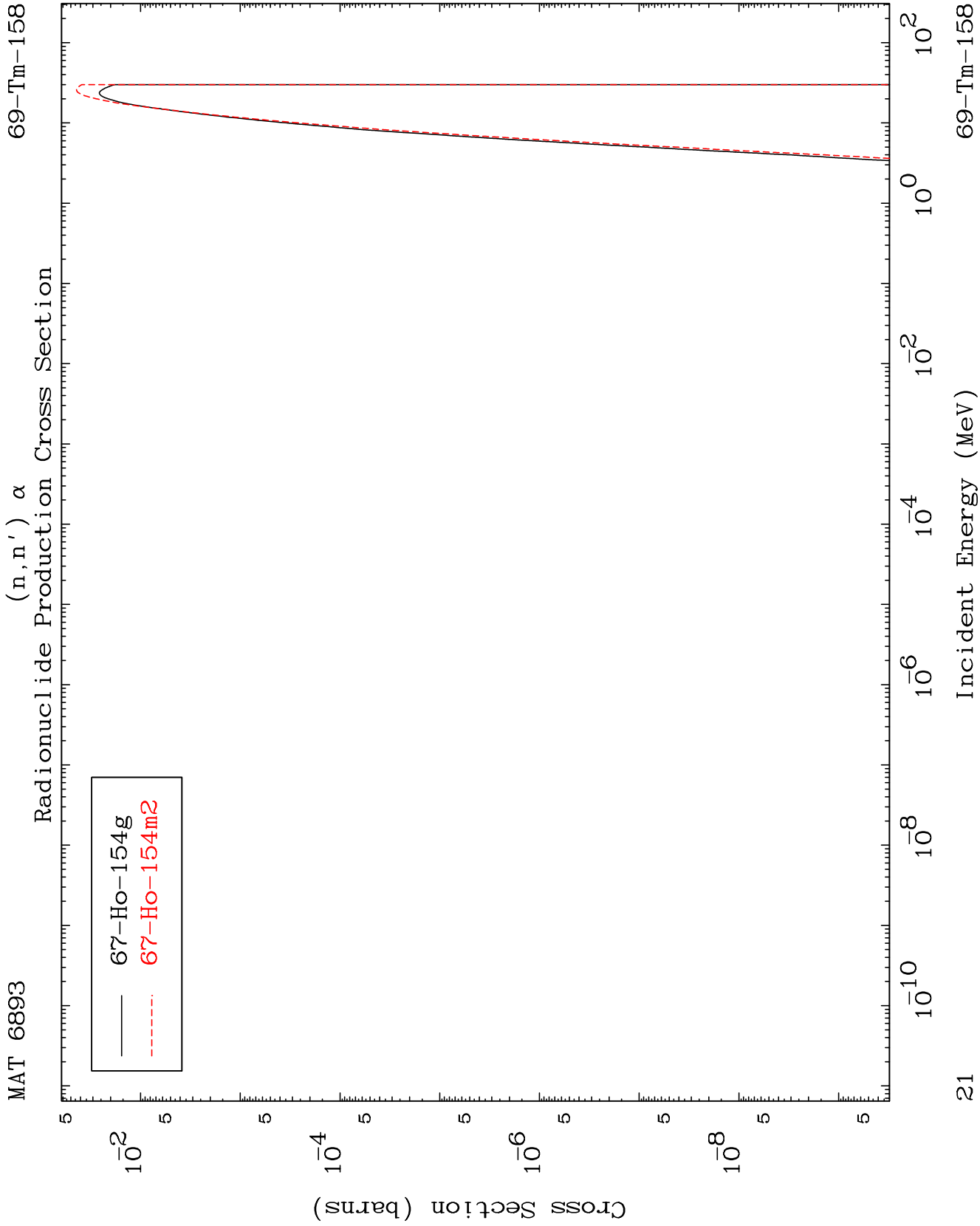
Radionuclide Production Cross Section



20

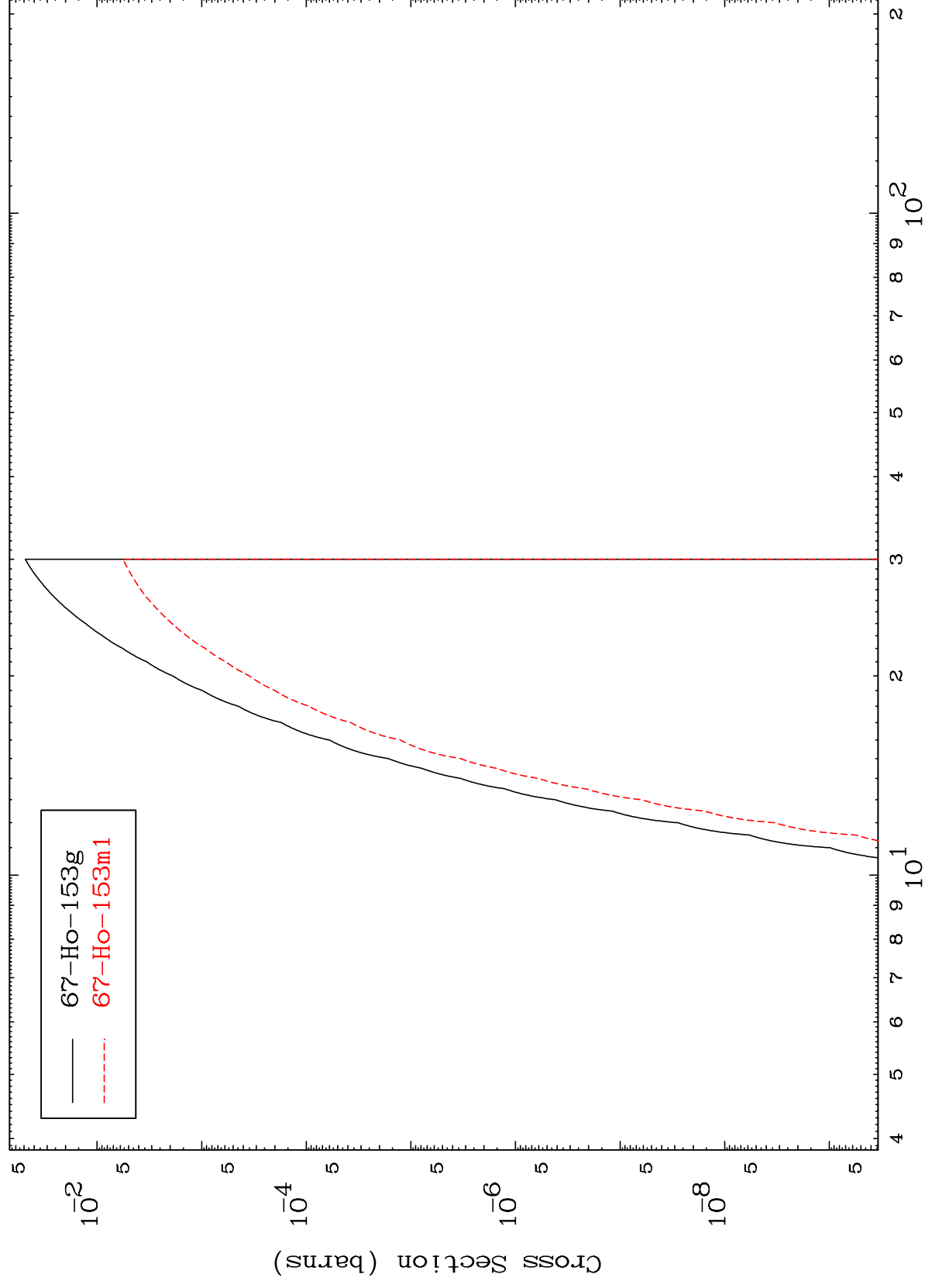
Incident Energy (MeV)

69-Tm-158

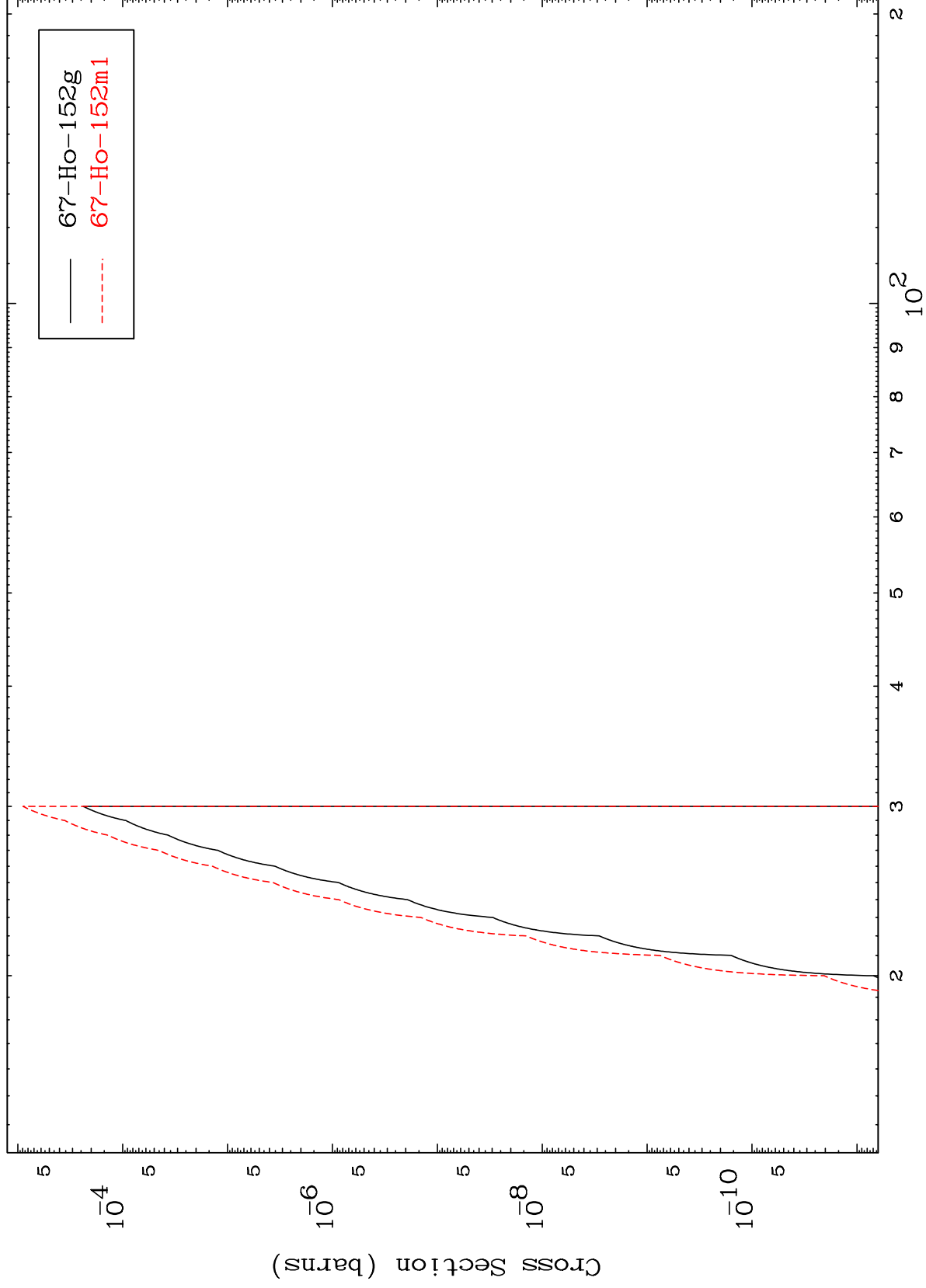


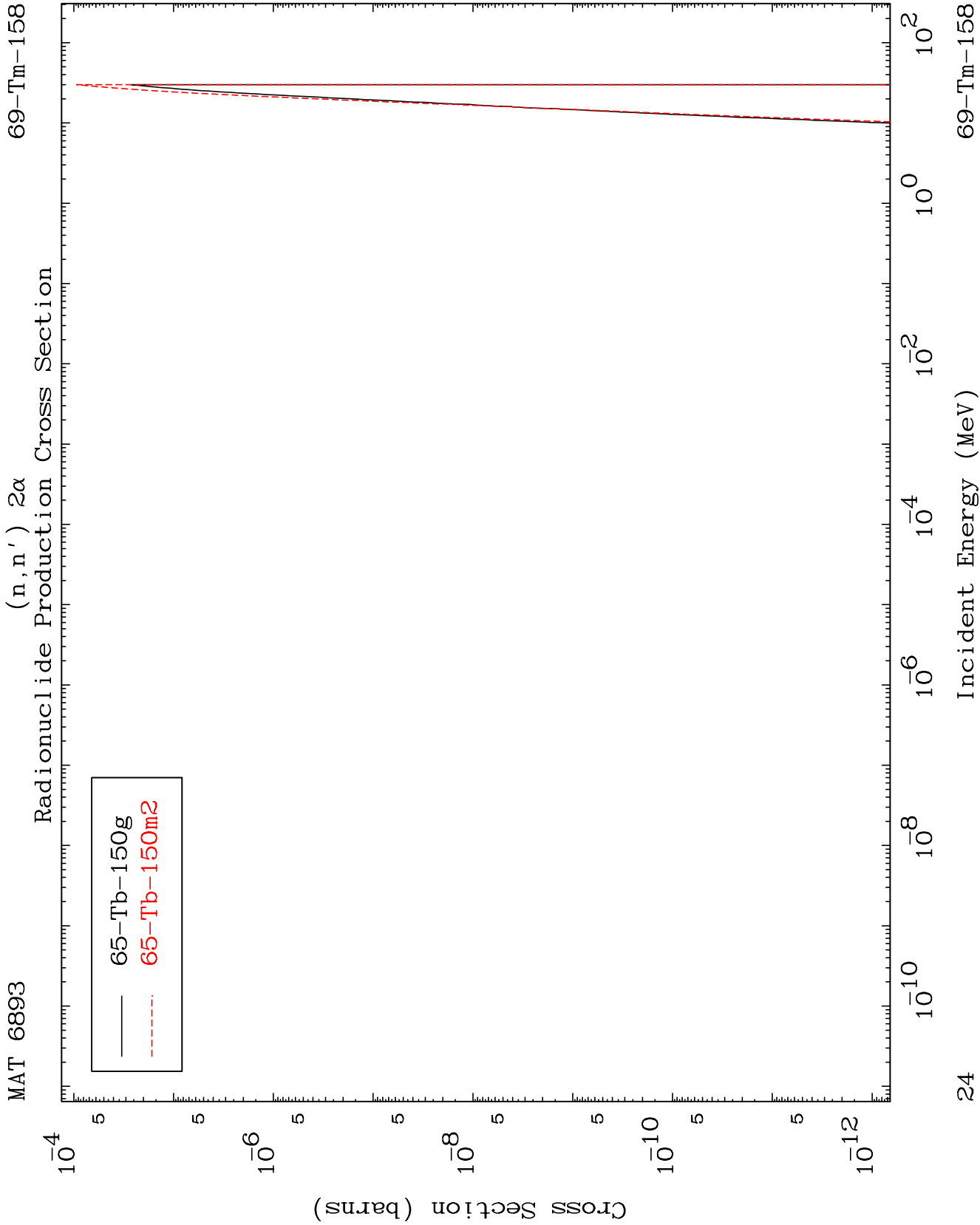
$$(n, 2n) \propto$$

Radionuclide Production Cross Section



(n,3n) α
Radionuclide Production Cross Section



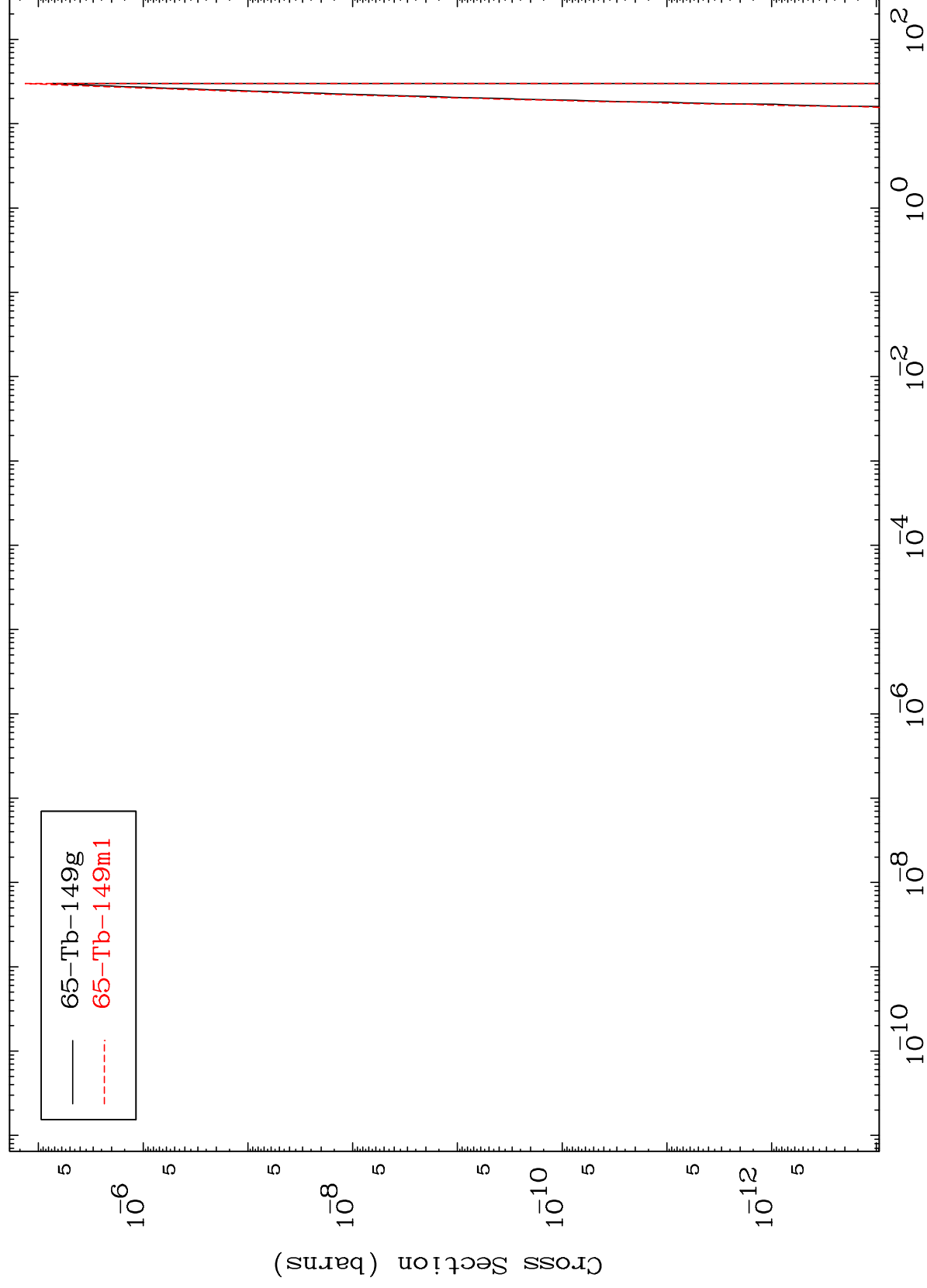


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(n,2n) 2 α

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Radionuclide Production Cross Section



25

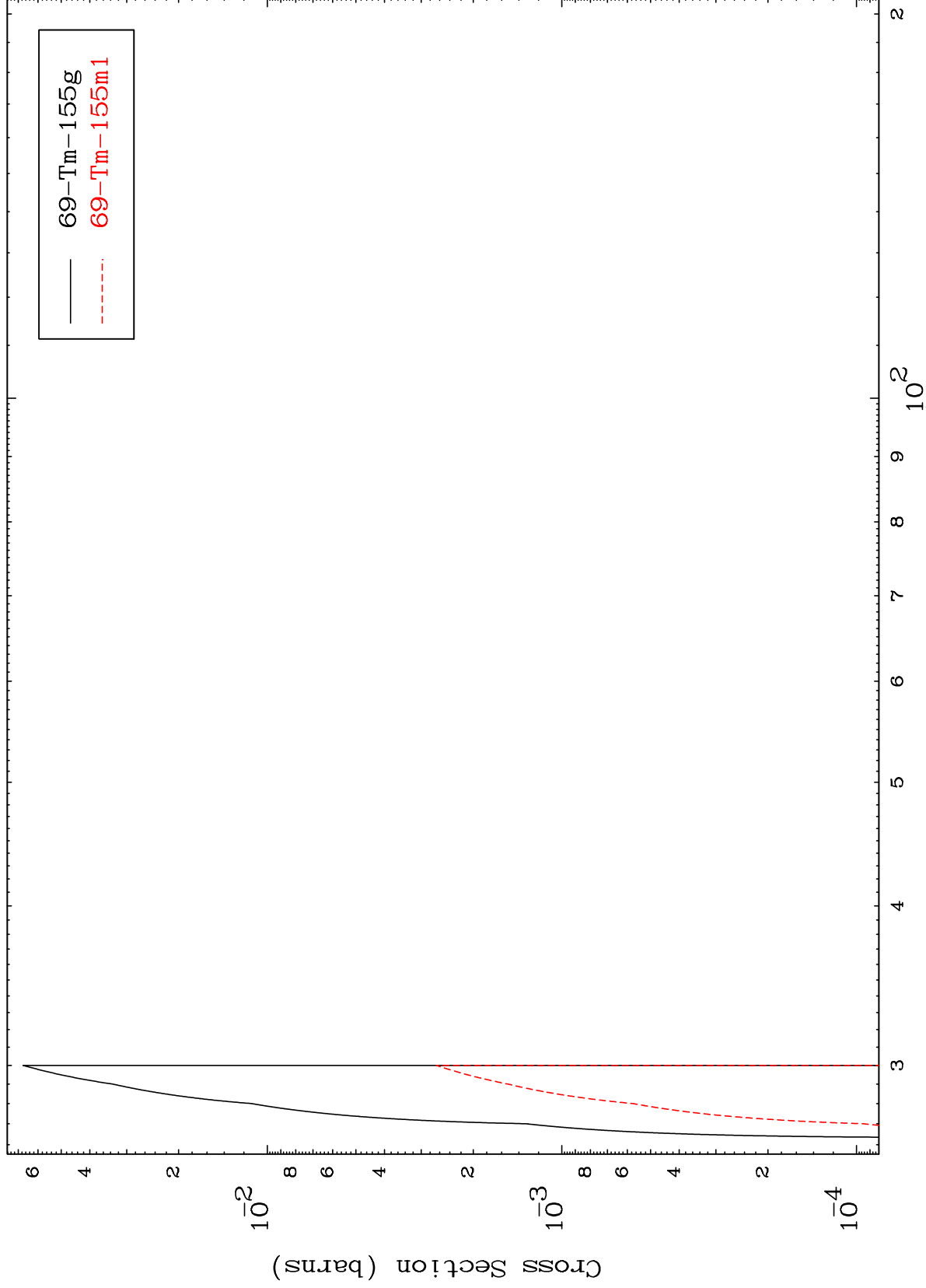
Incident Energy (MeV)

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(n,4n)
Radionuclide Production Cross Section



26

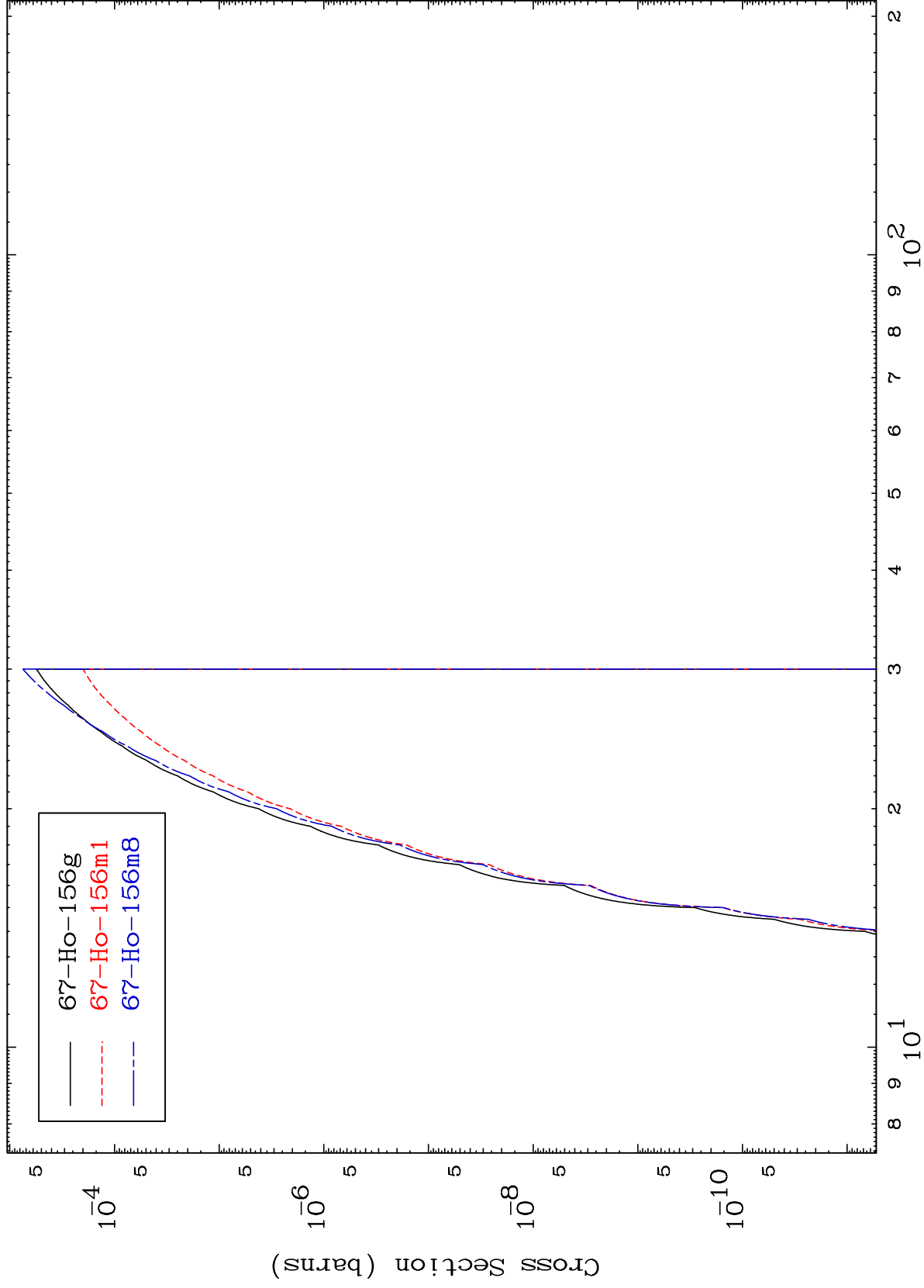
69-Tm-158

Incident Energy (MeV)

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(n,2n) p 69-Tm-158

Radionuclide Production Cross Section

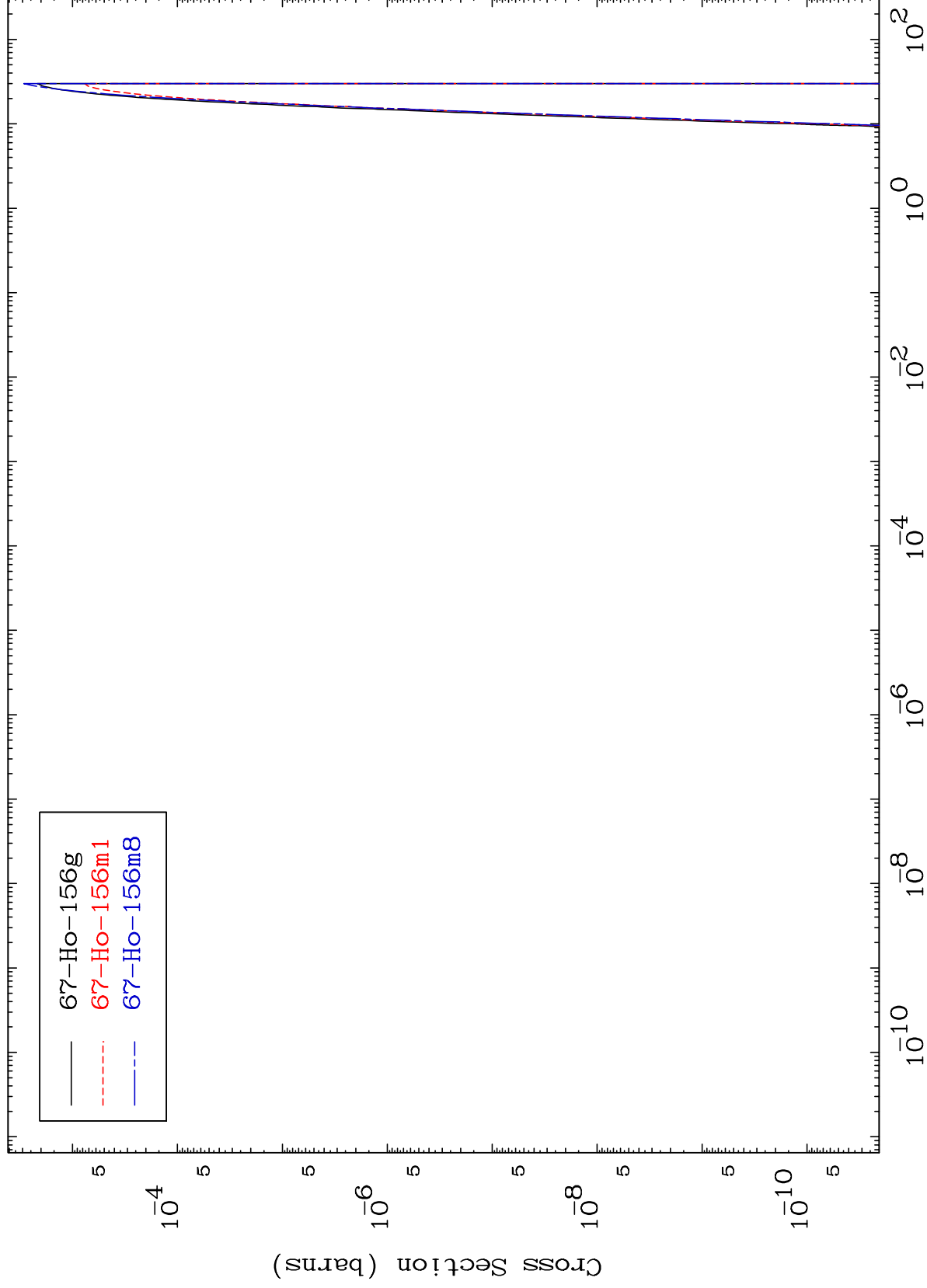


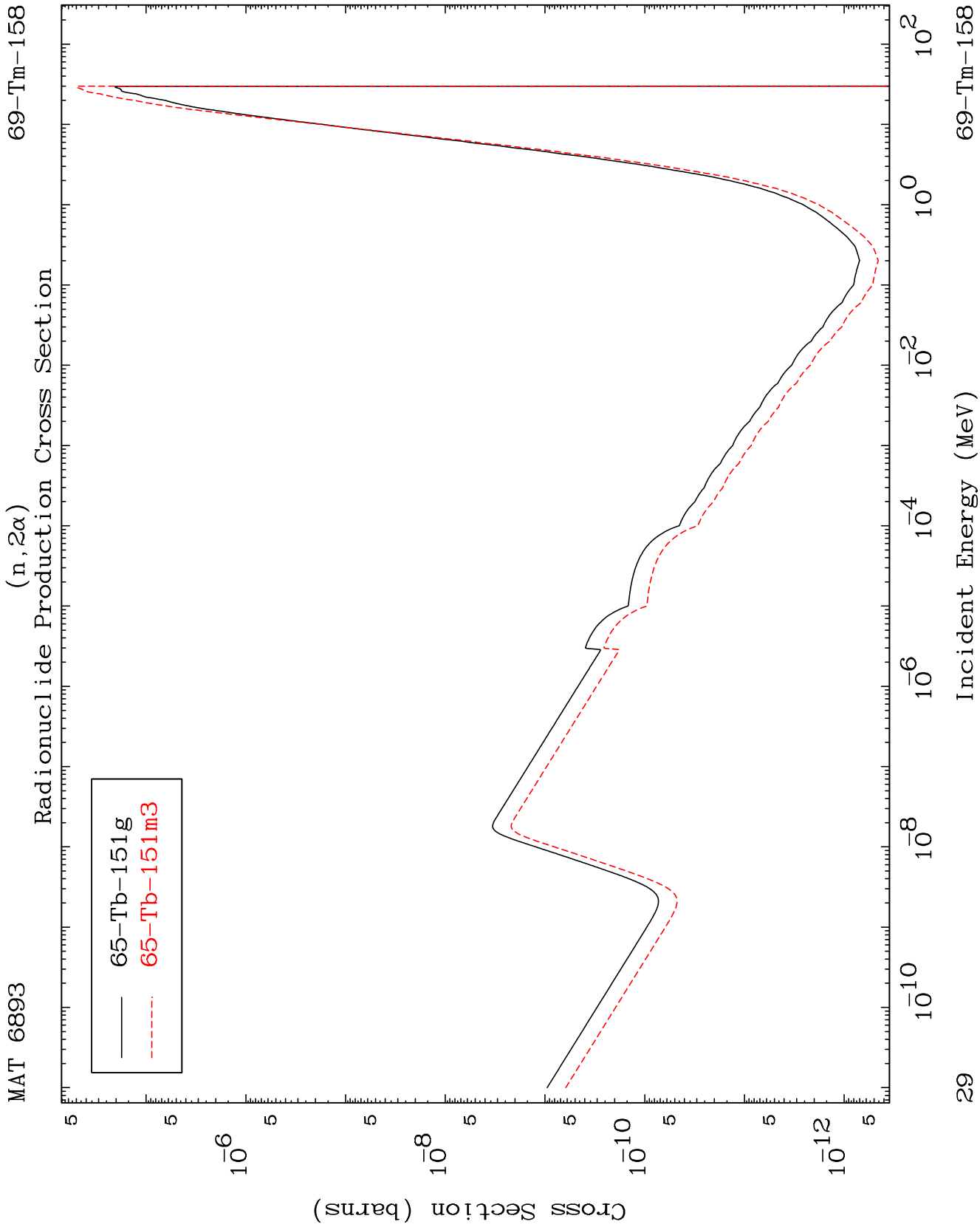
69-Tm-158

Incident Energy (MeV)

27

Radionuclide Production Cross Section



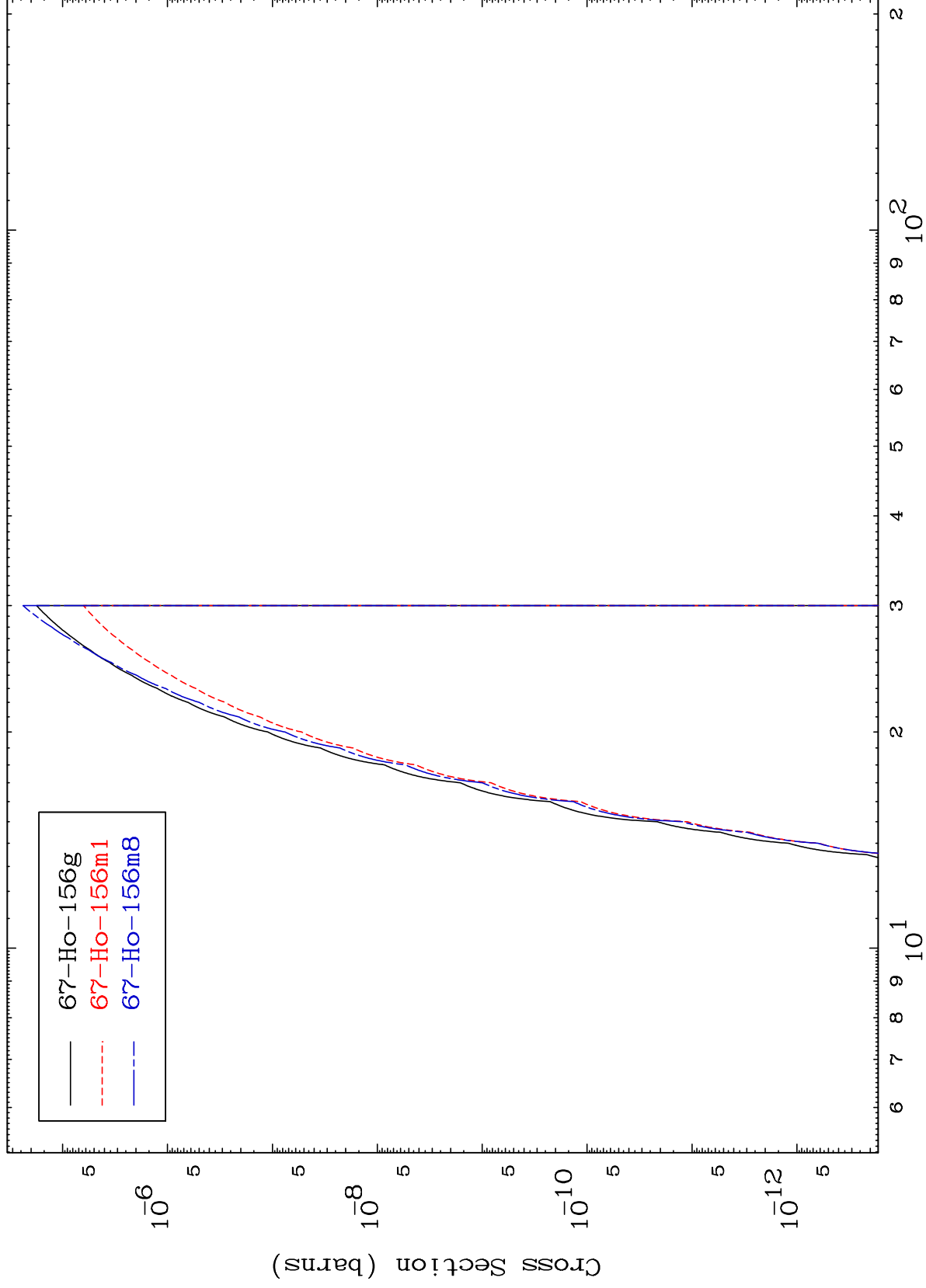


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(n,p) d

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

69-Tm-158