

Program EVALPLOT
(Version 2021-1)

by

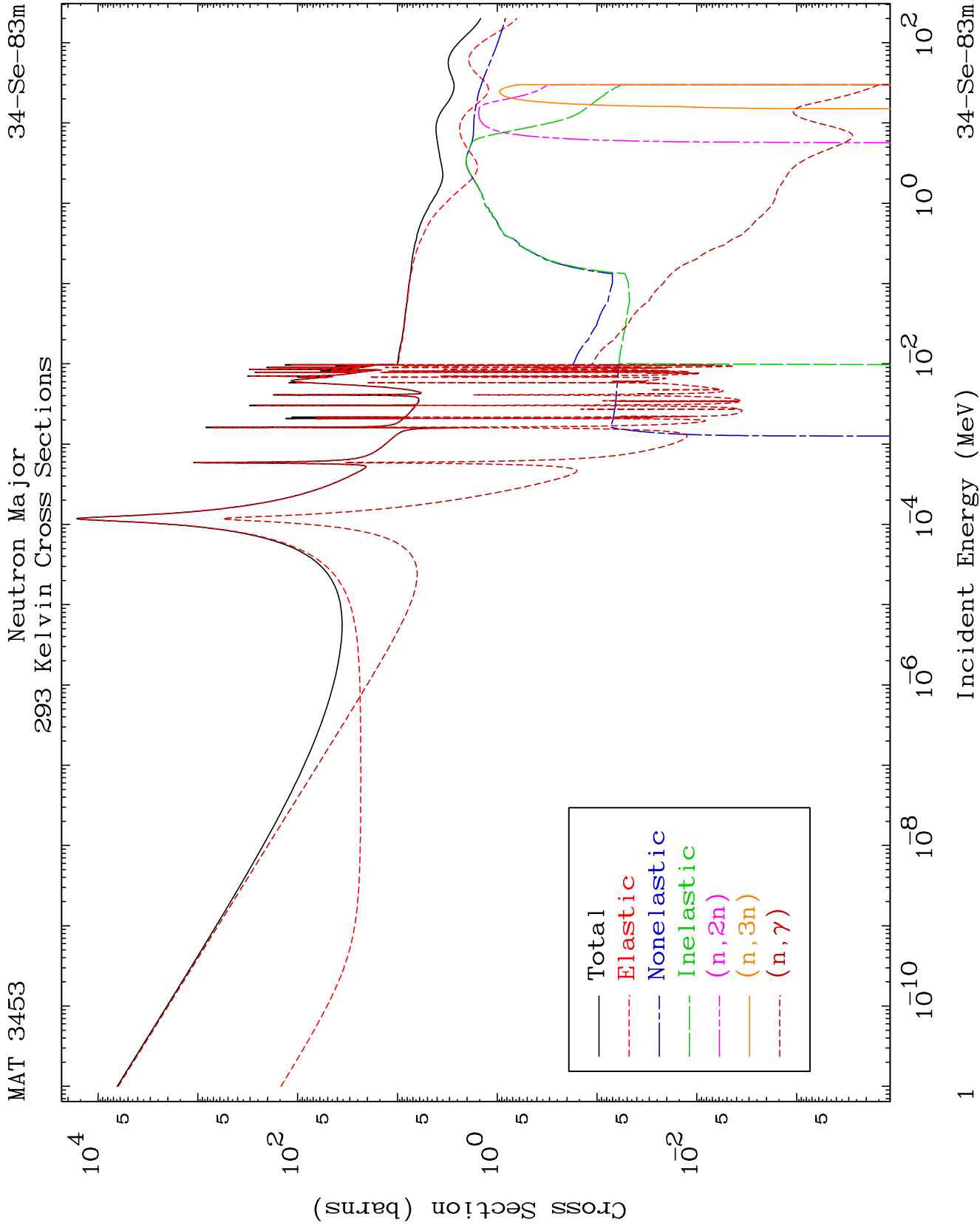
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

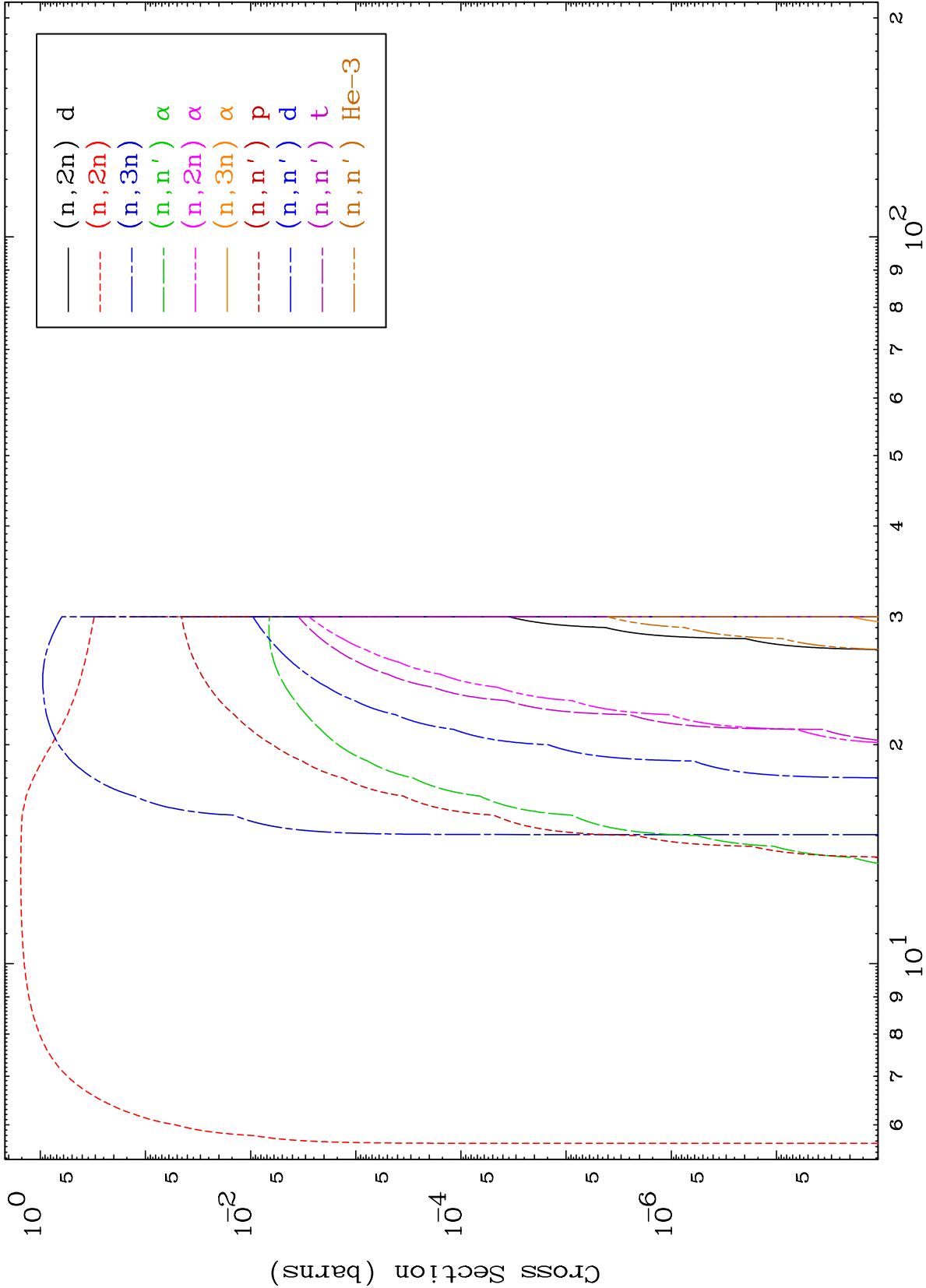
Press Mouse Button to Start



MAT 3453

Neutron Absorption
293 Kelvin Cross Sections

³⁴Se-83m



2

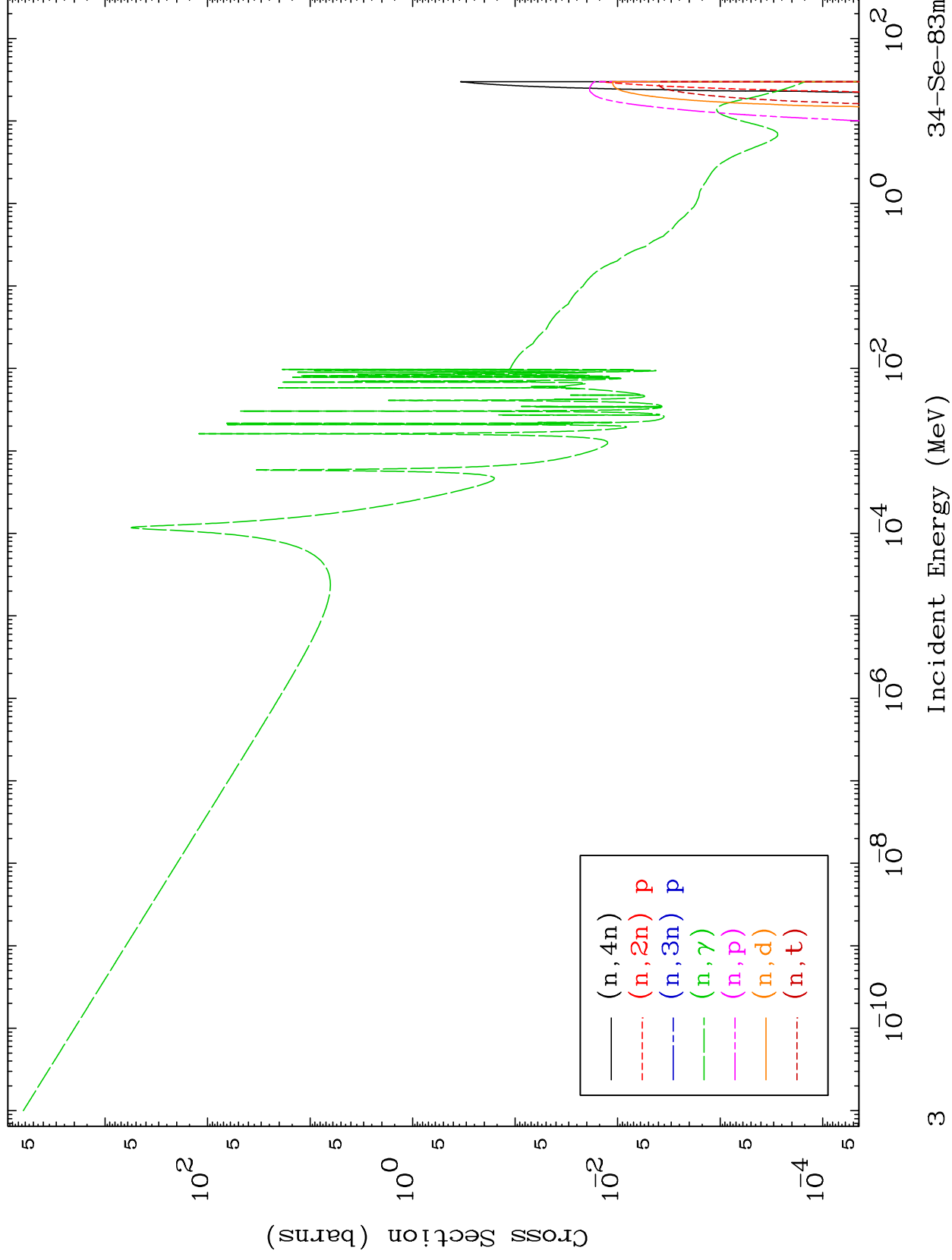
Incident Energy (MeV)

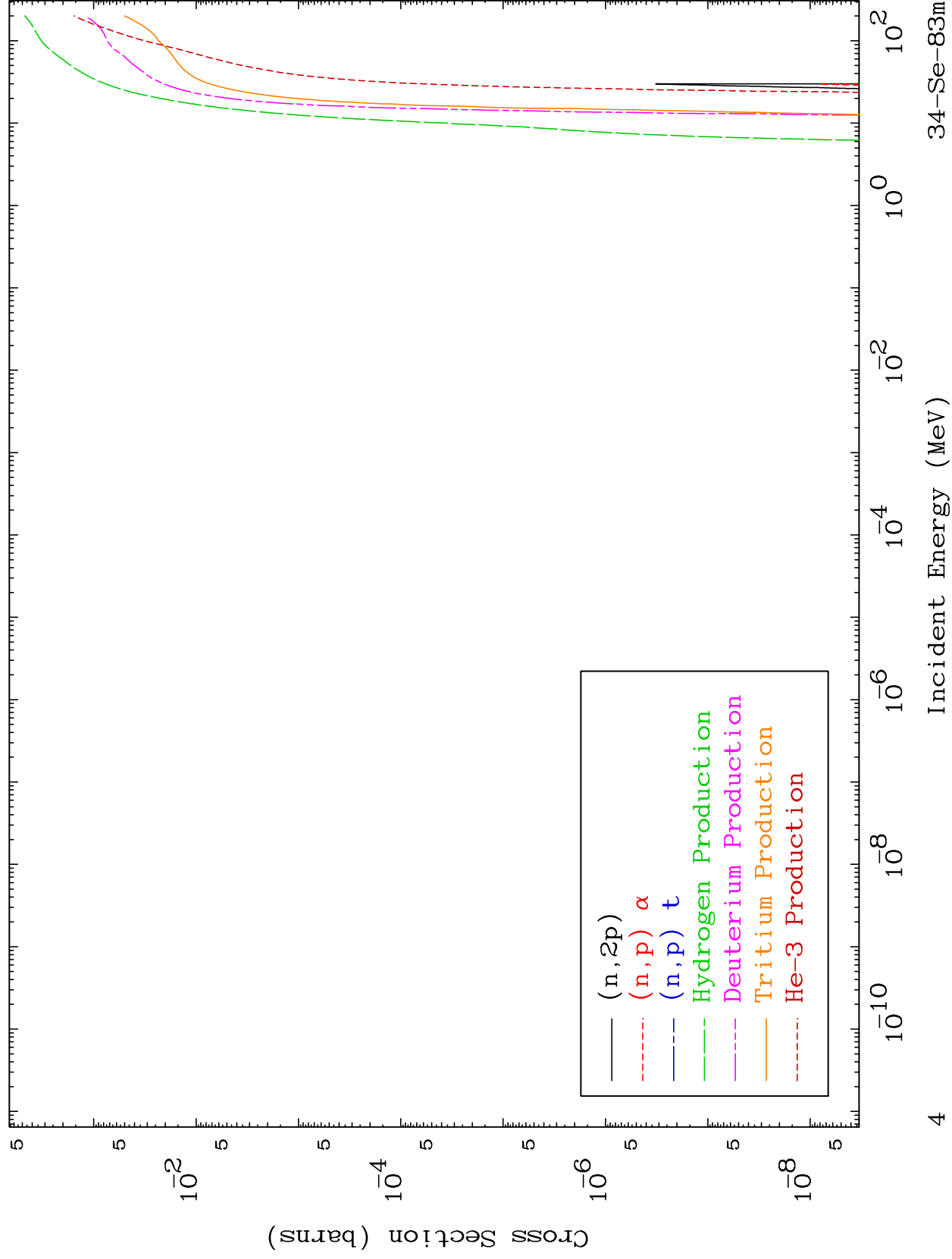
³⁴Se-83m

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Neutron Absorption
293 Kelvin Cross Sections

34-Se-83m

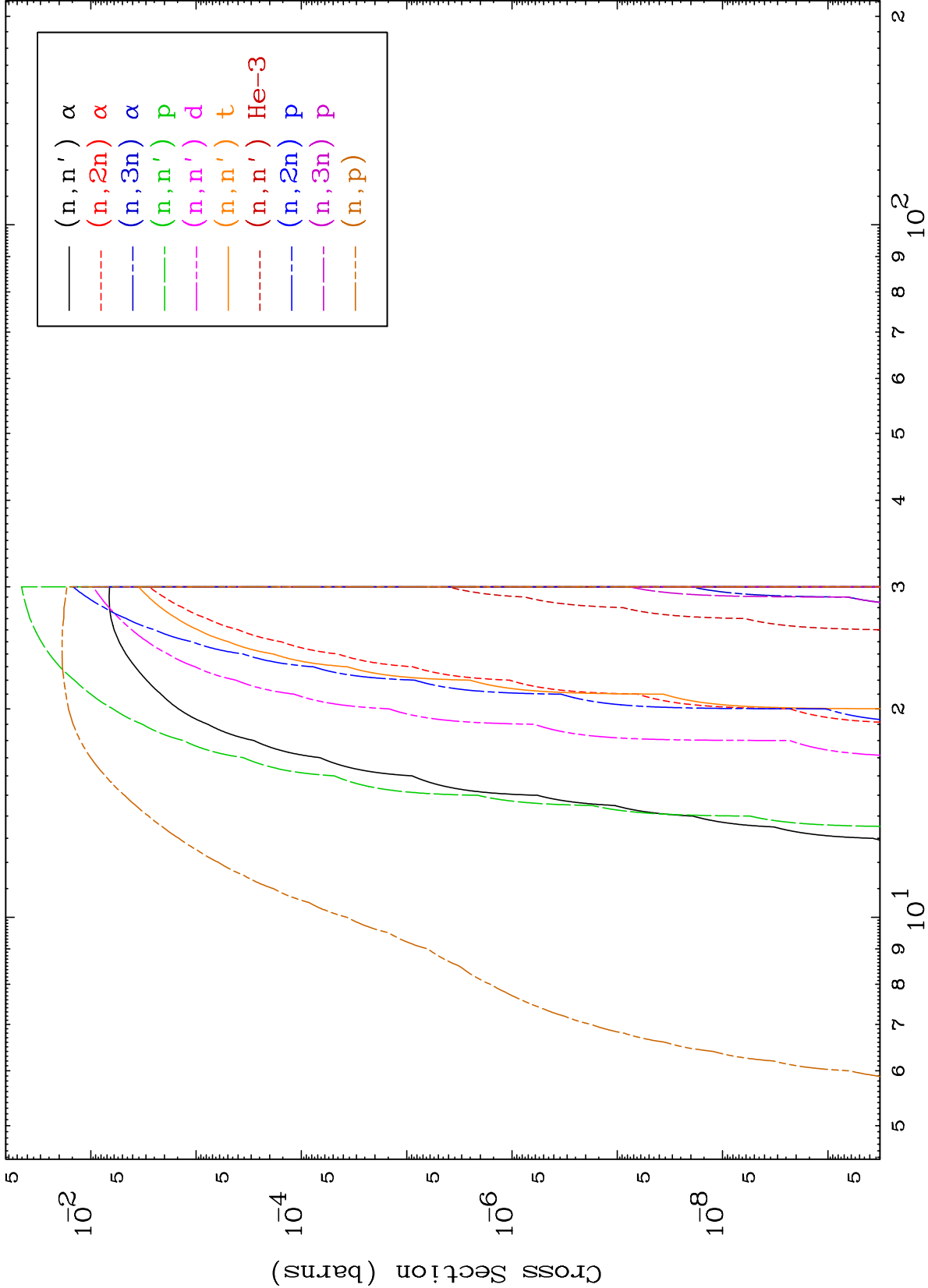




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Charged Particle
293 Kelvin Cross Sections

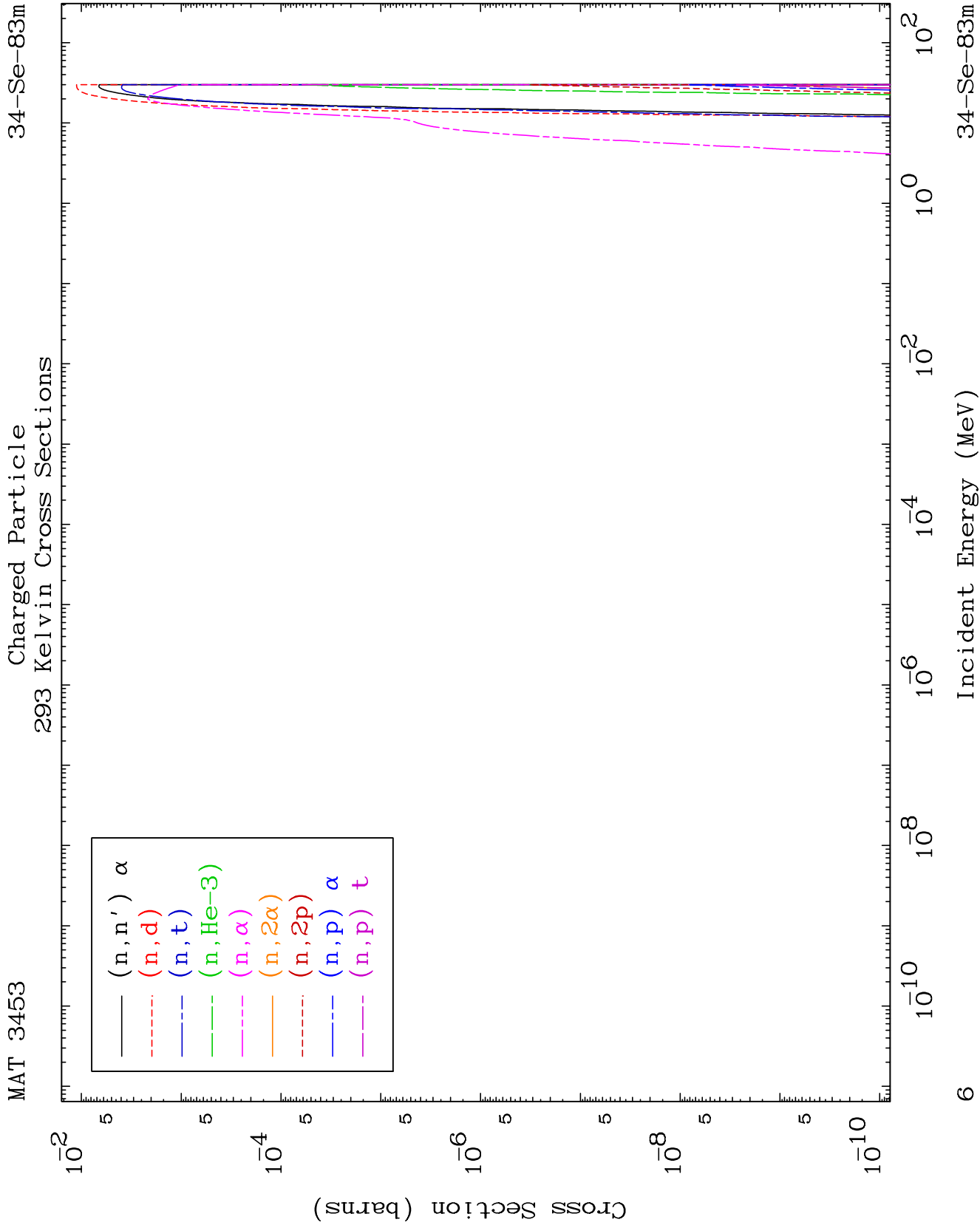
³⁴Se-83m

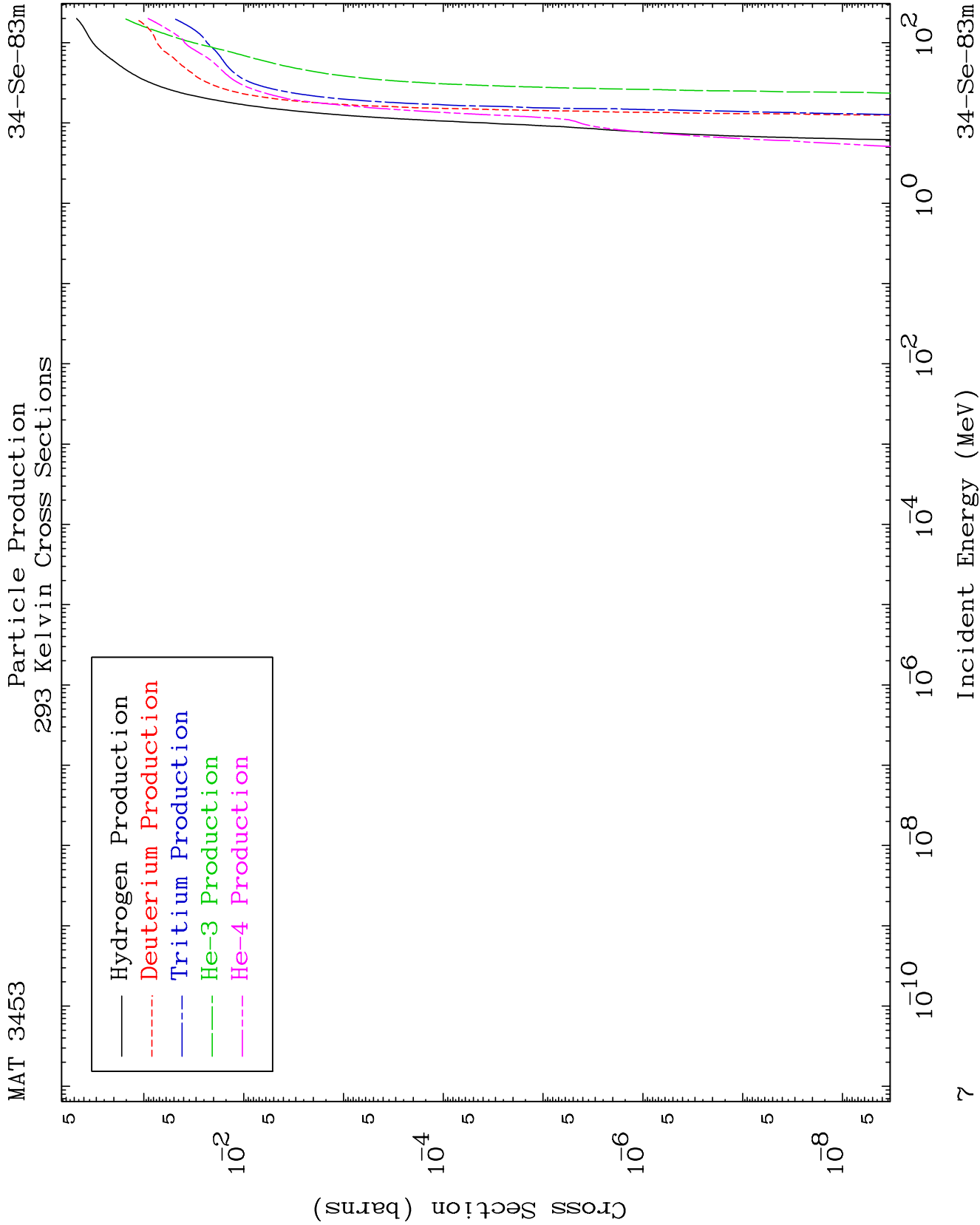


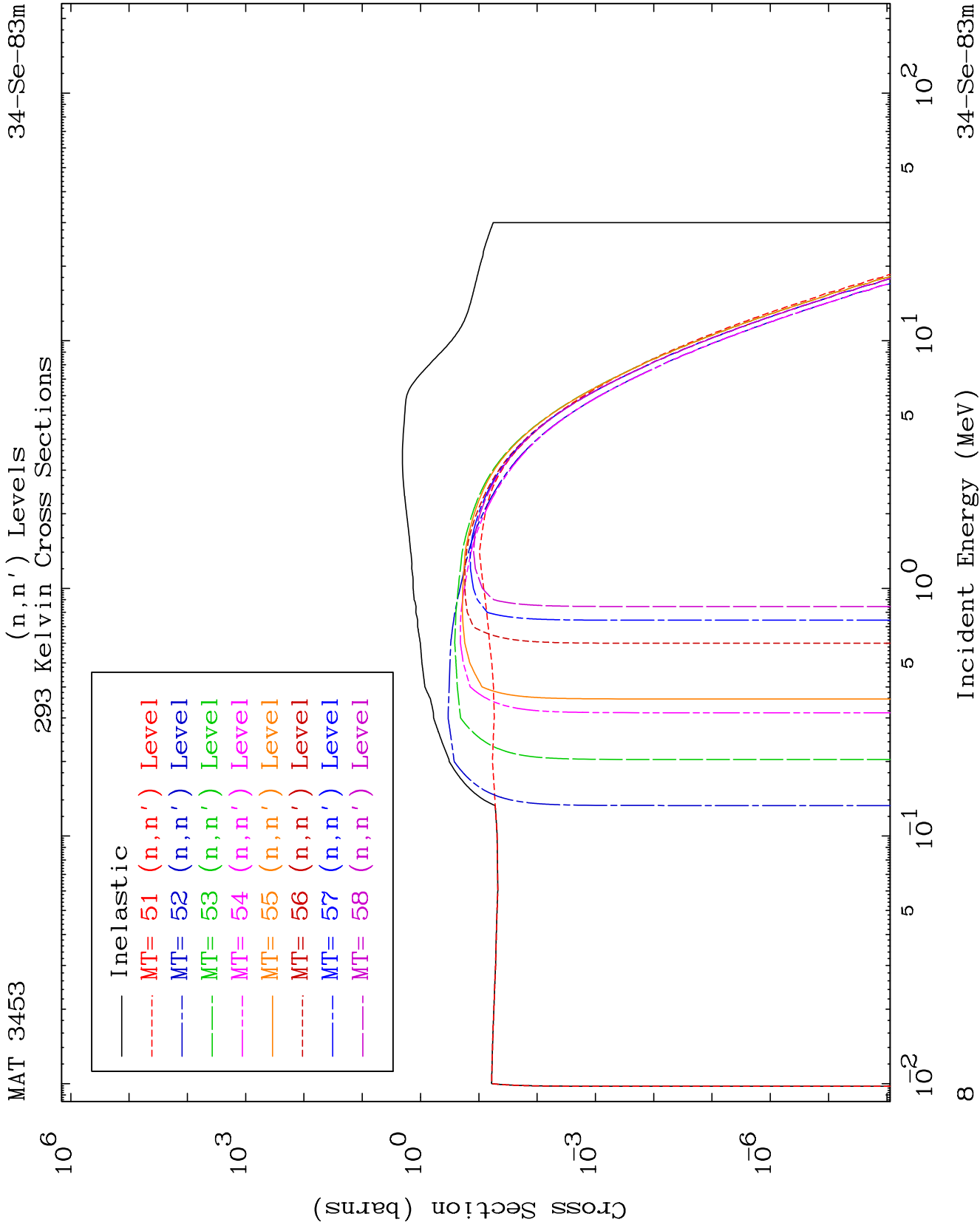
Incident Energy (MeV)

³⁴Se-83m

5



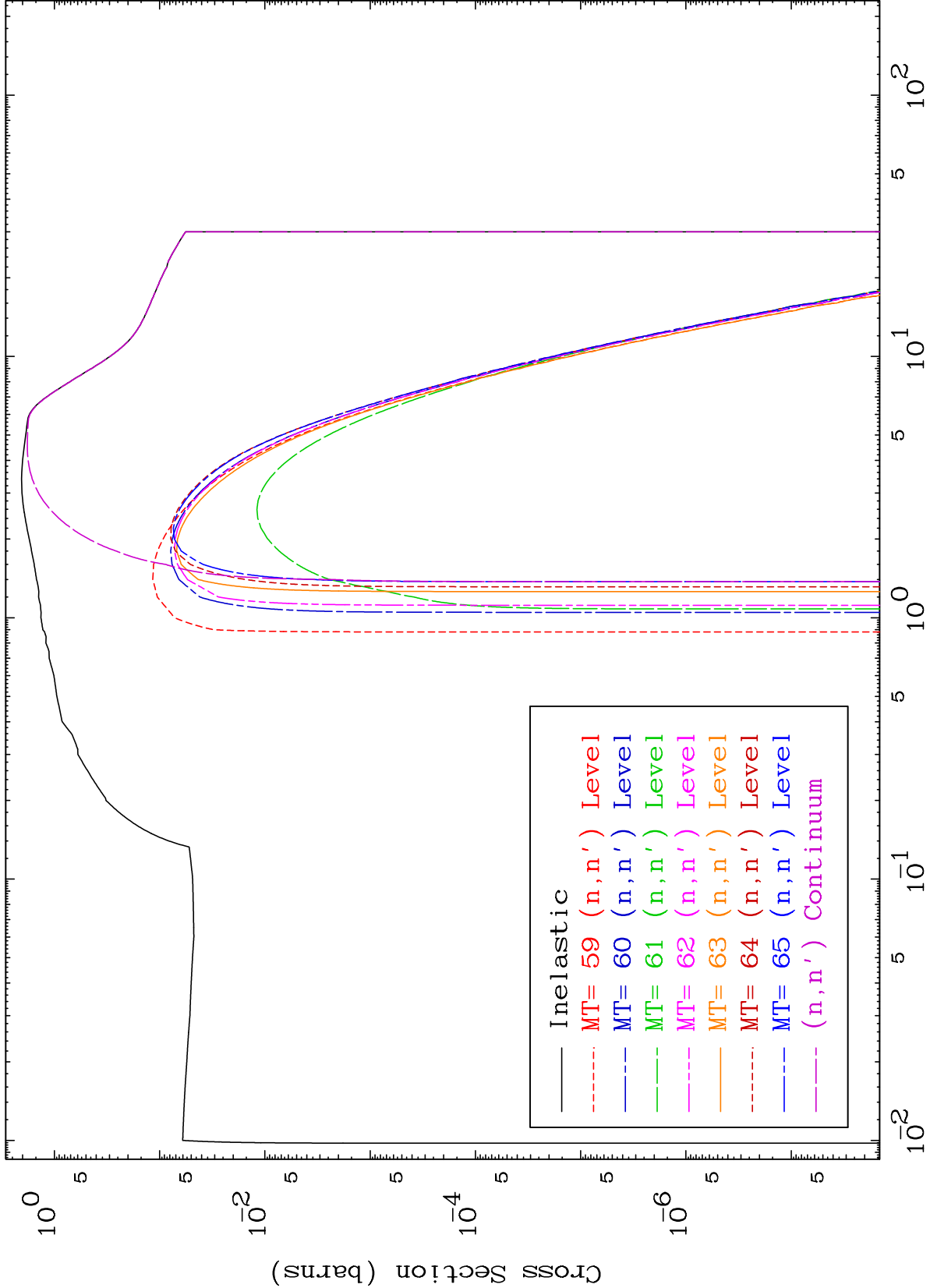




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(n,n') Levels
293 Kelvin Cross Sections

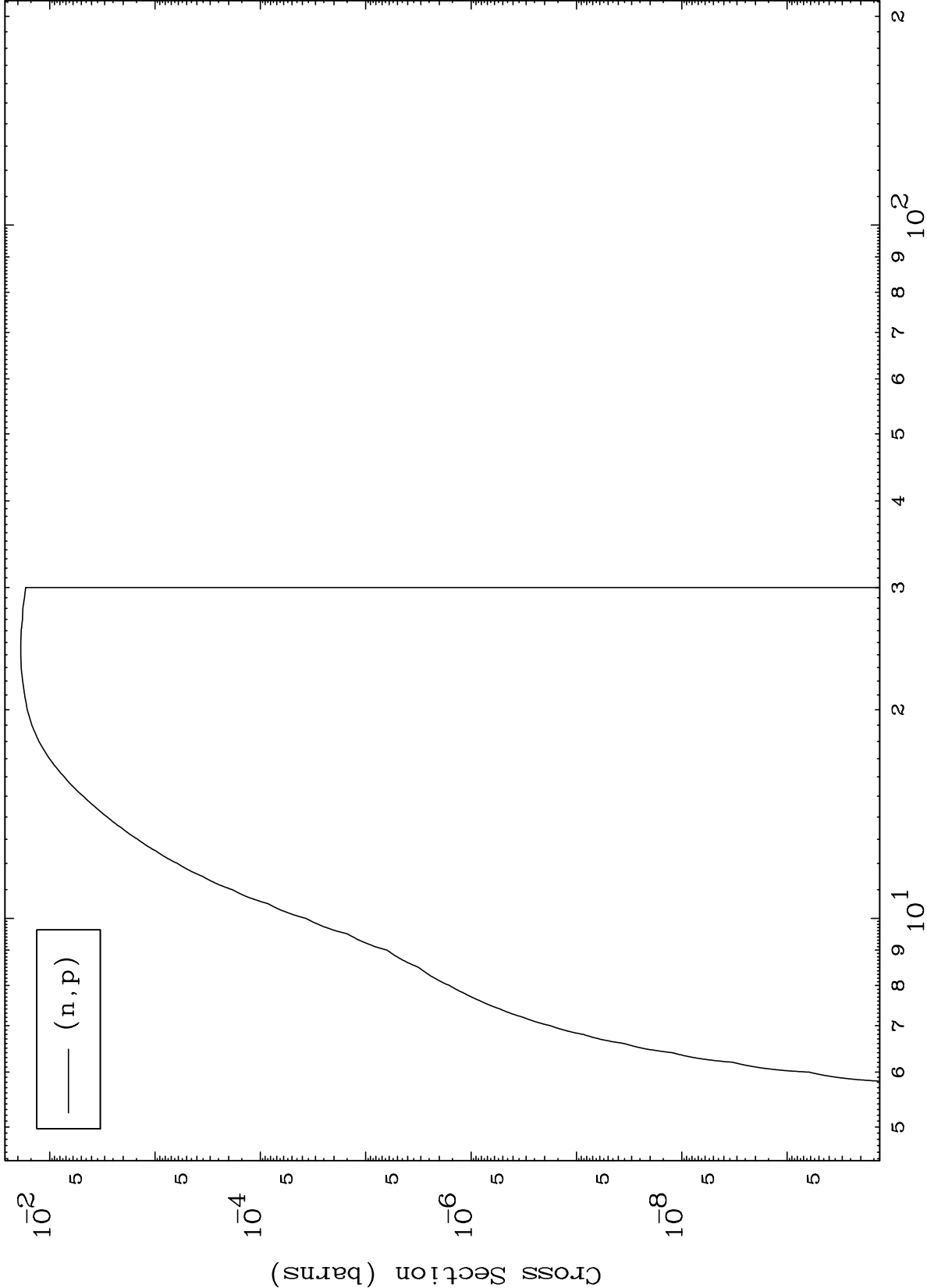
34-Se-83m

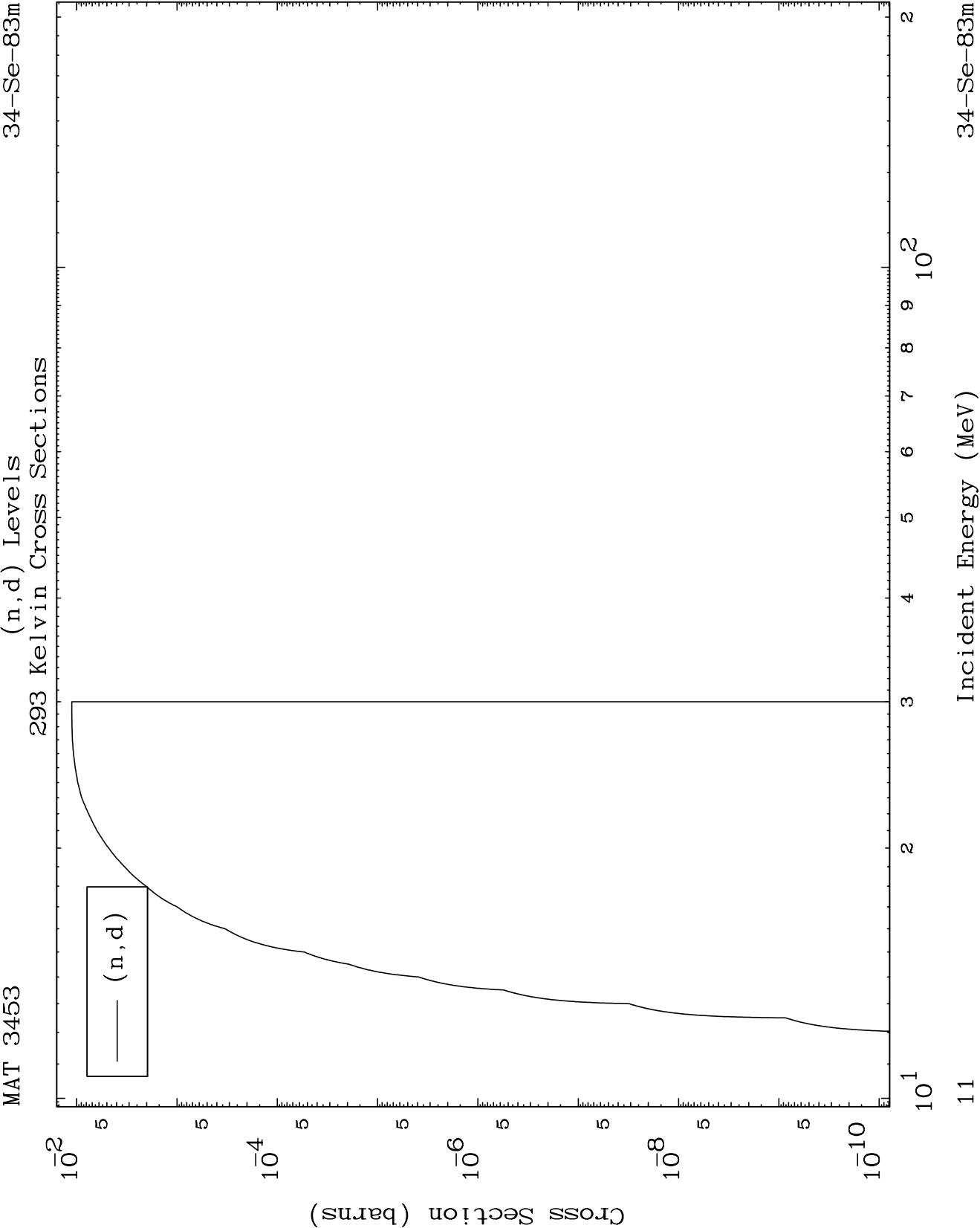


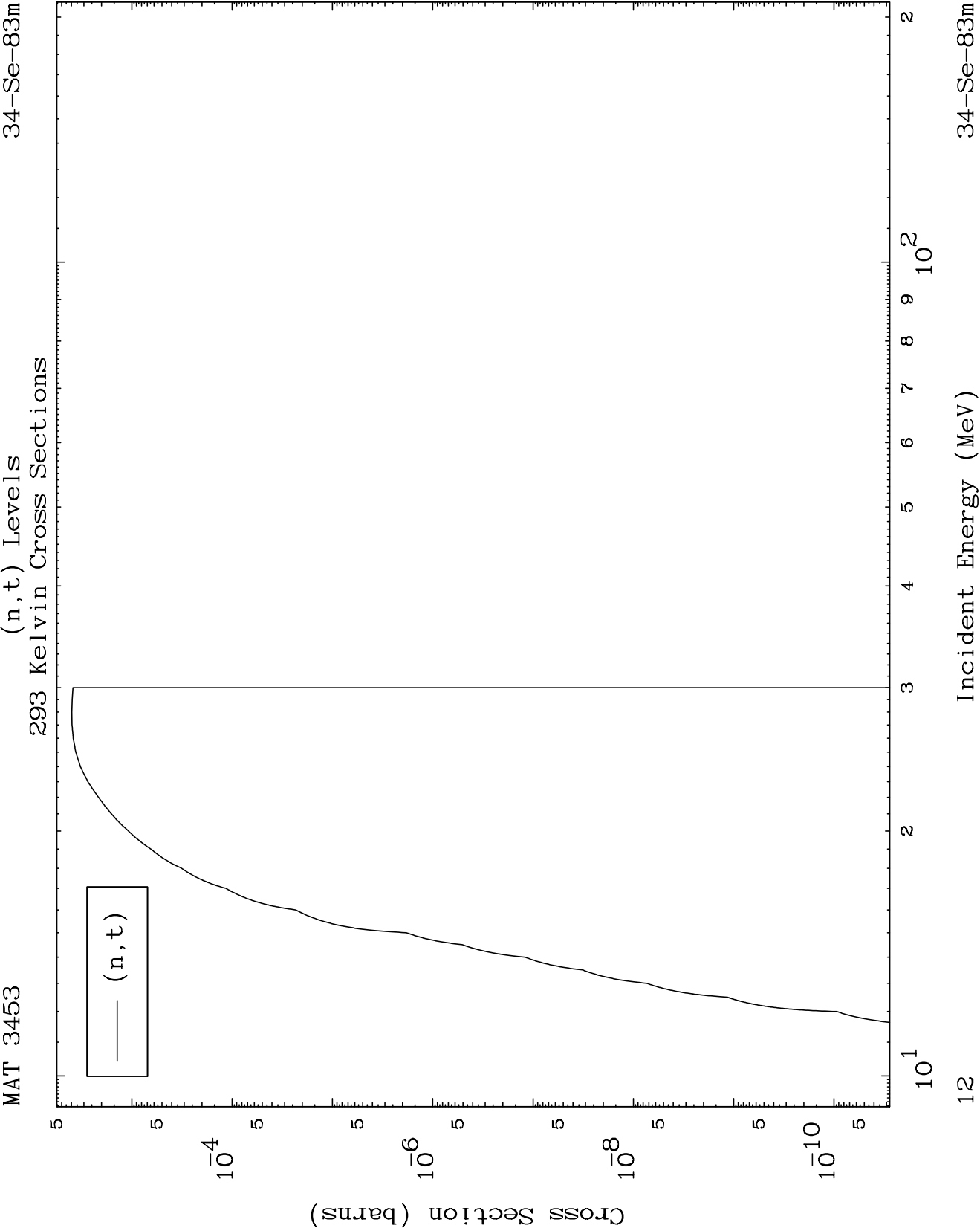
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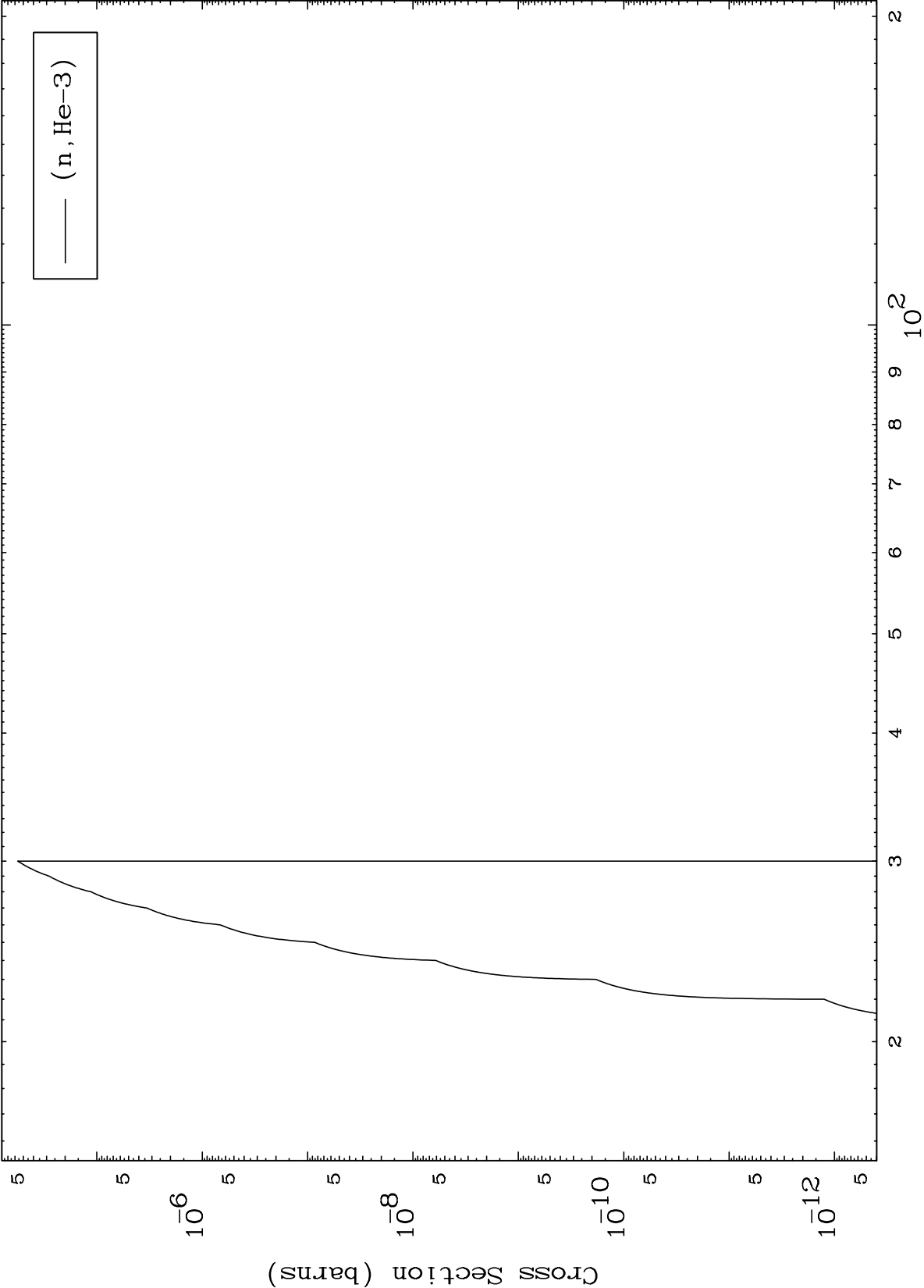
(n,p) Levels
293 Kelvin Cross Sections

34-Se-83m





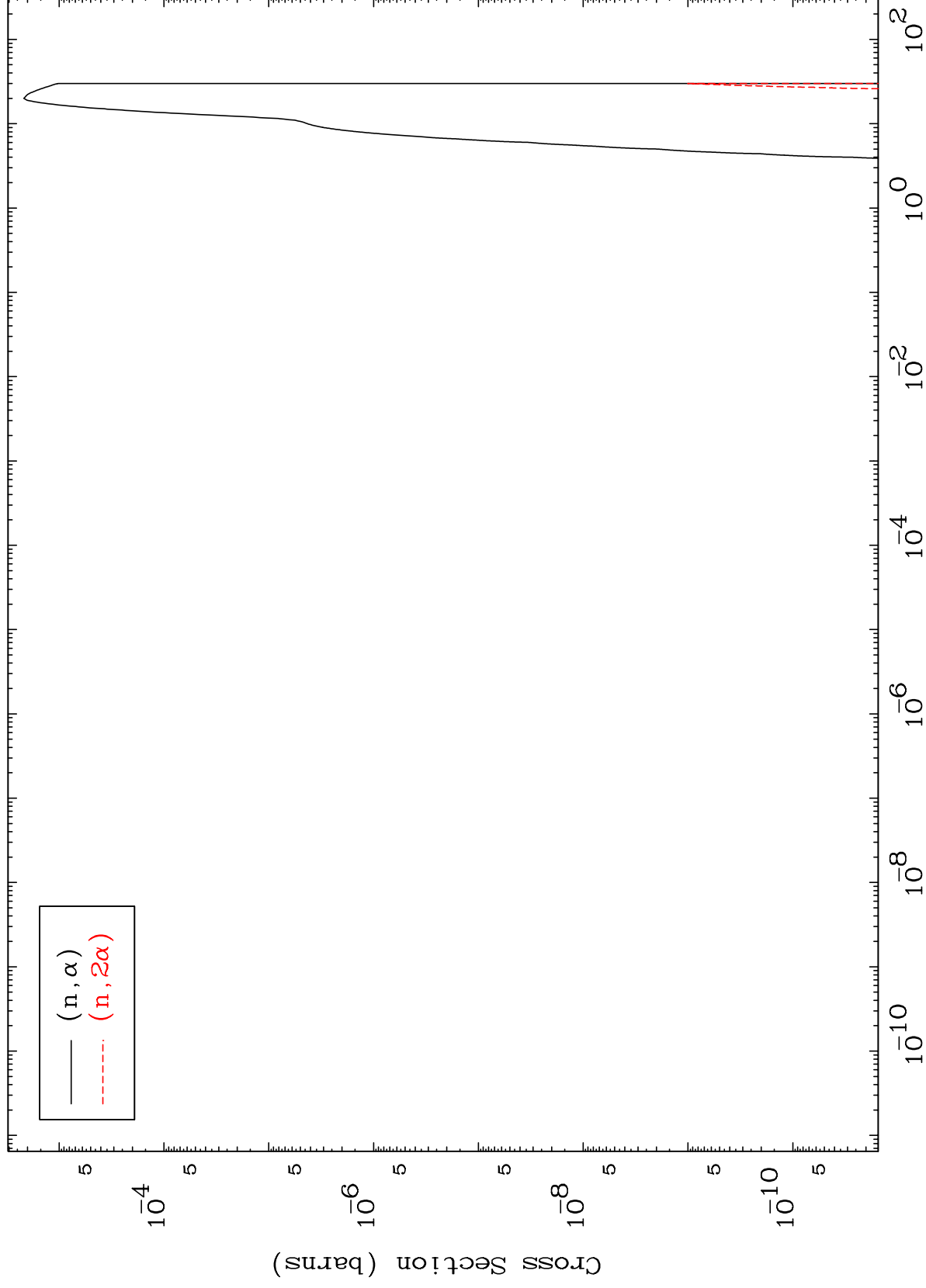




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(n, α) Levels
293 Kelvin Cross Sections

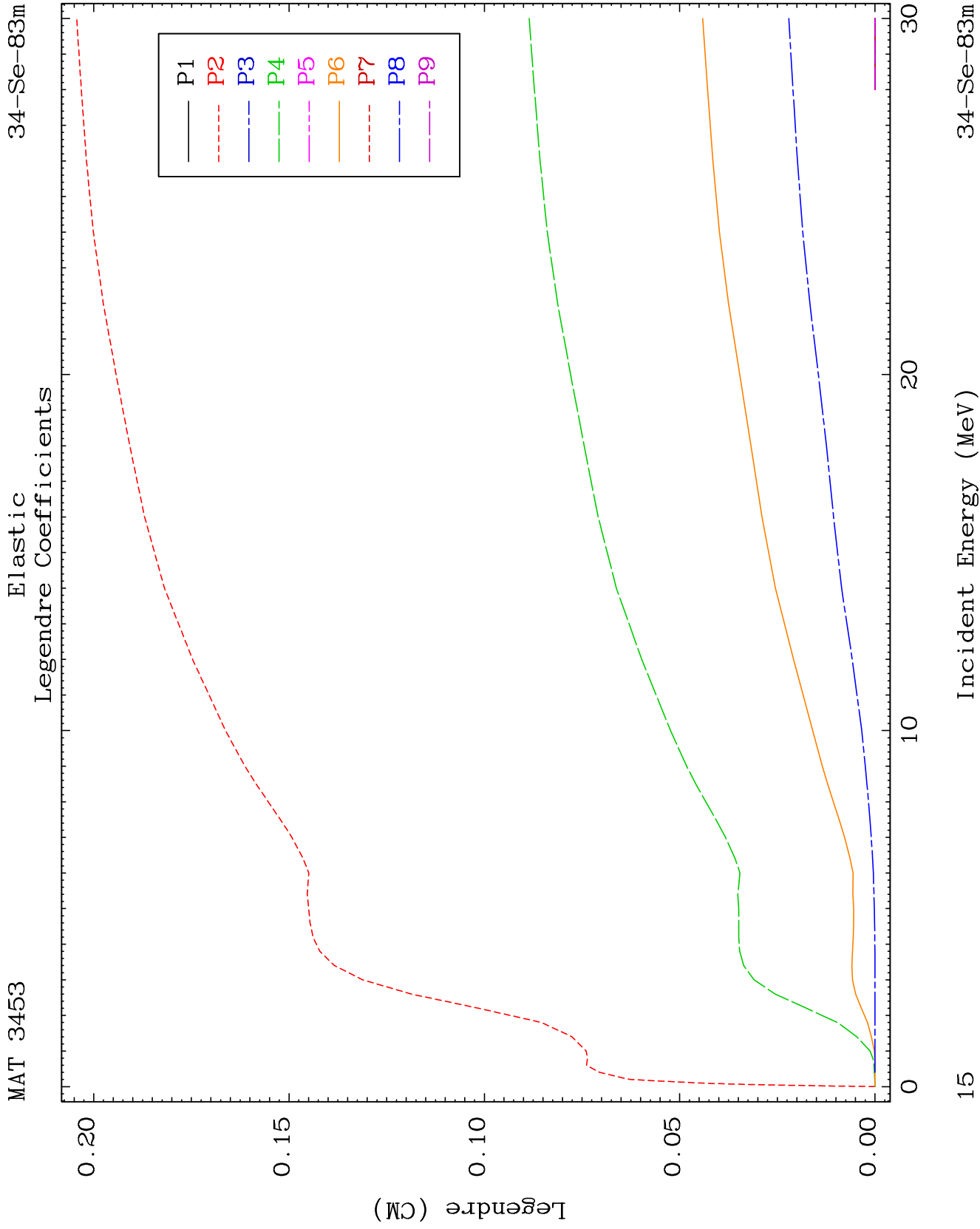
34-Se-83m

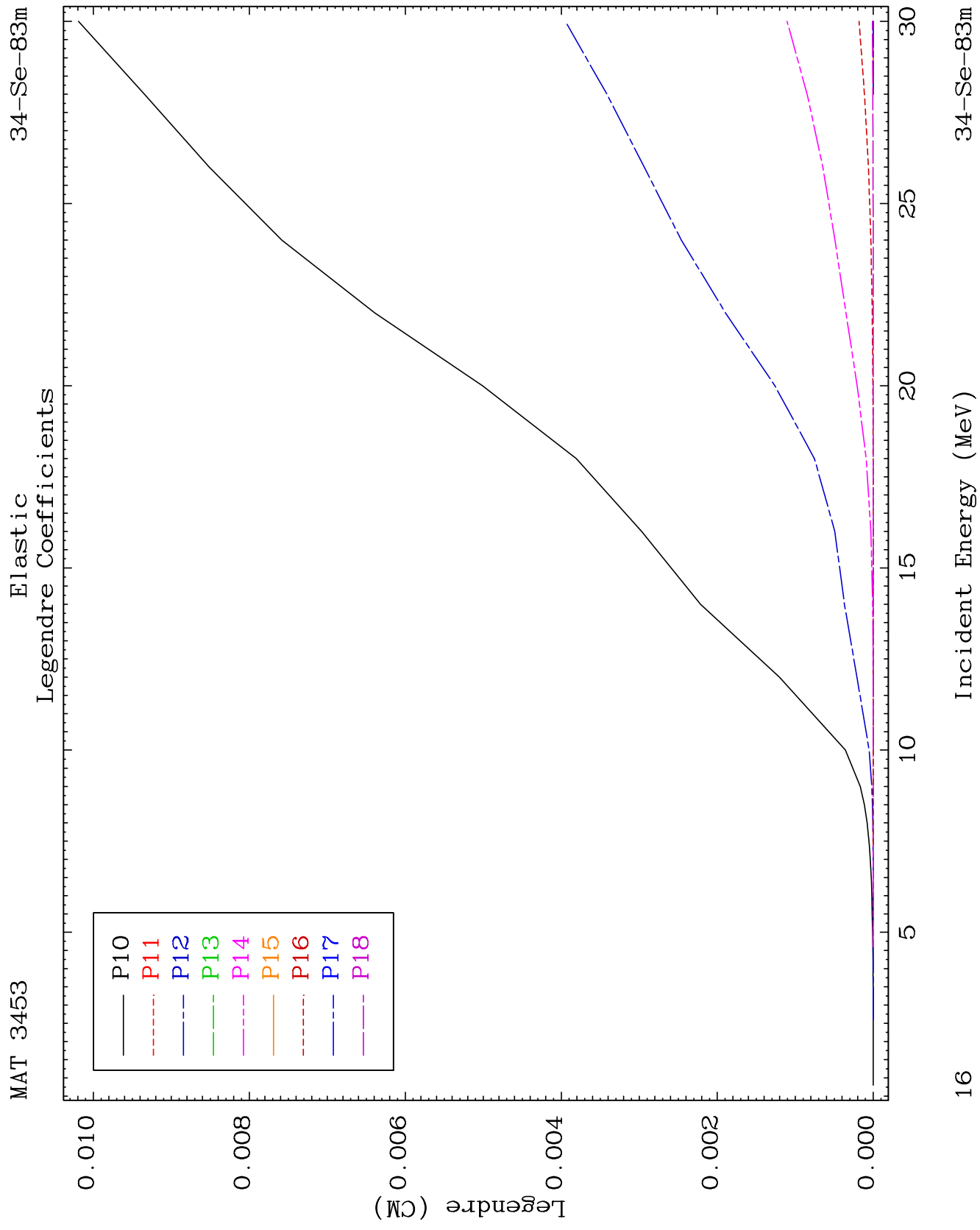


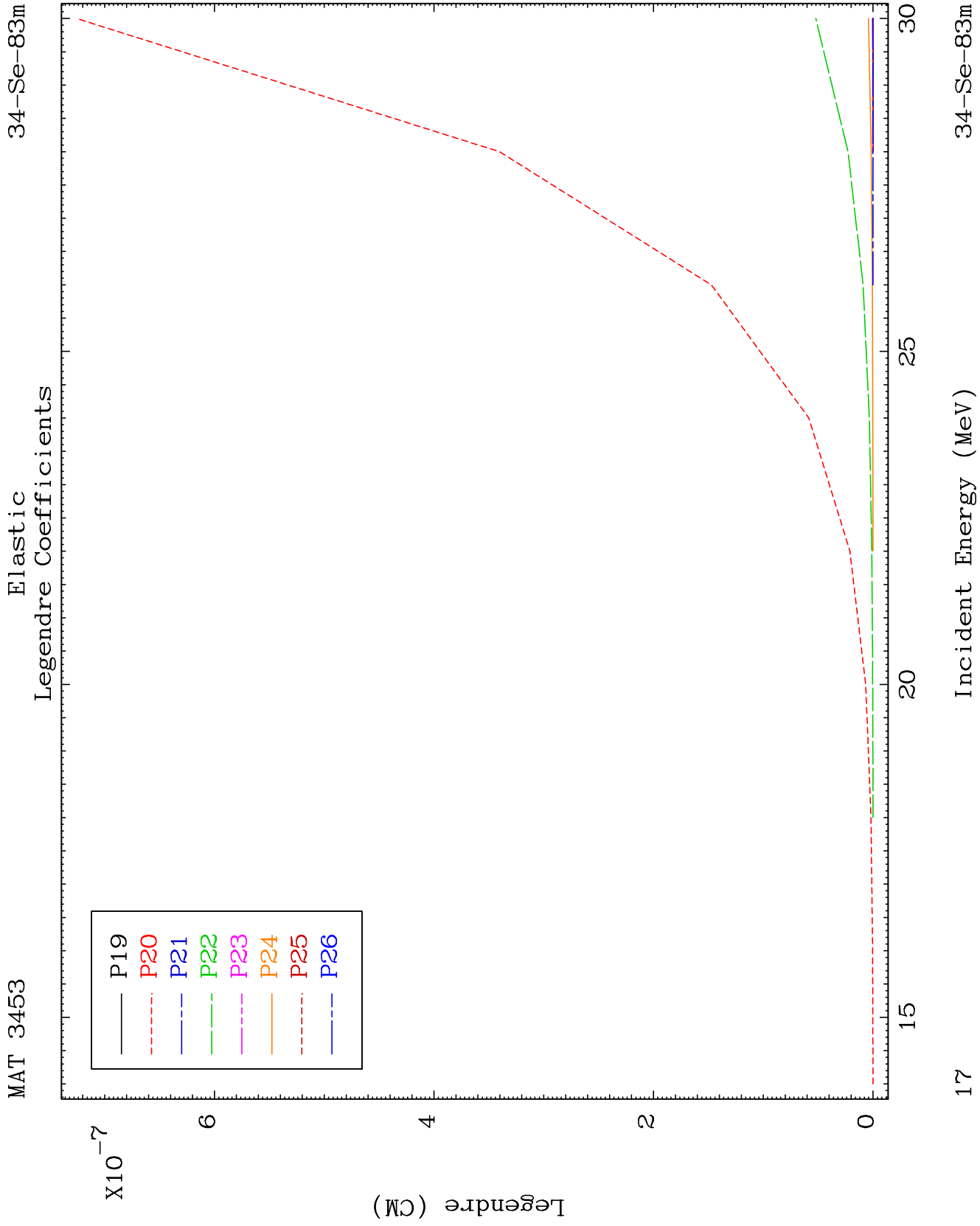
14

Incident Energy (MeV)

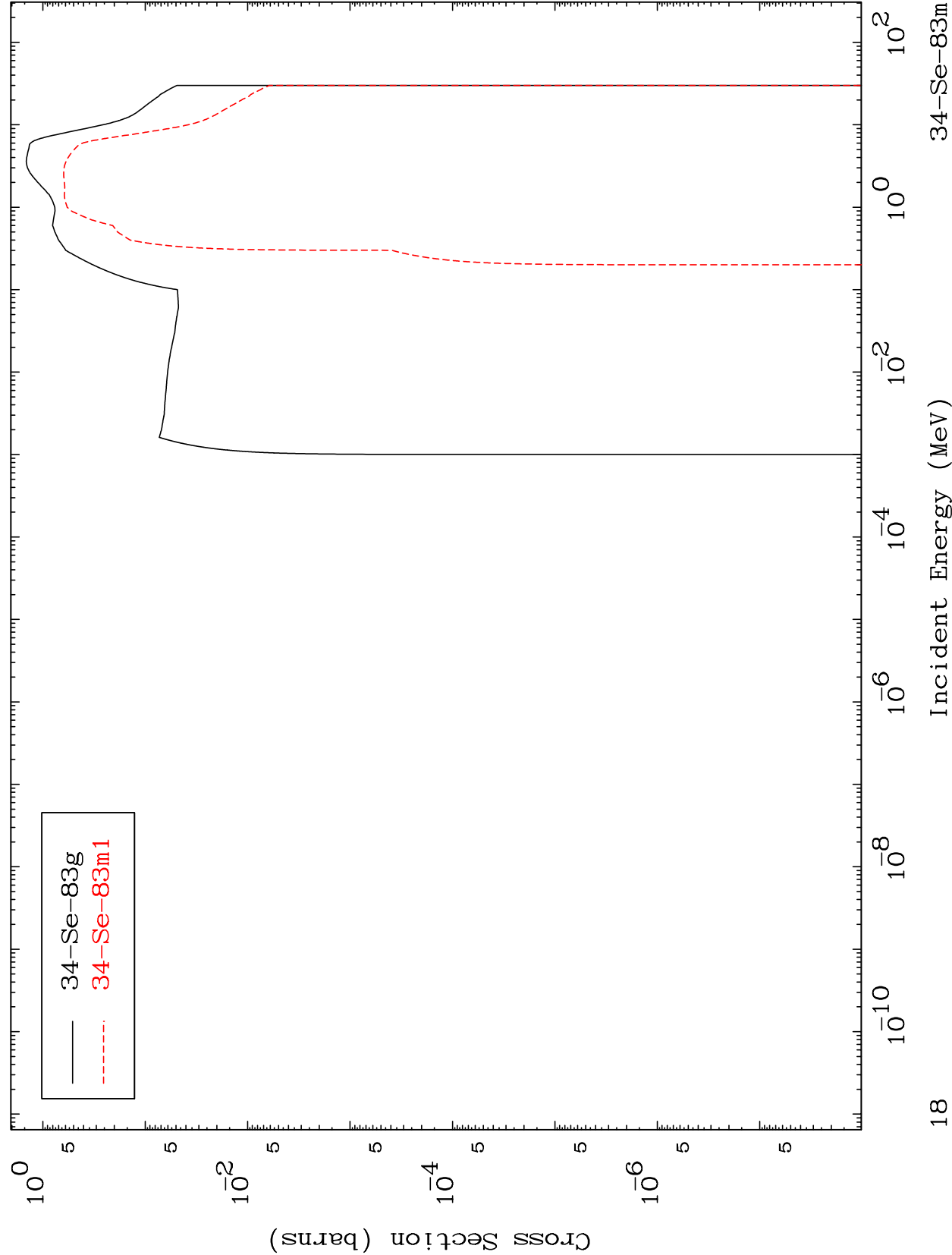
34-Se-83m







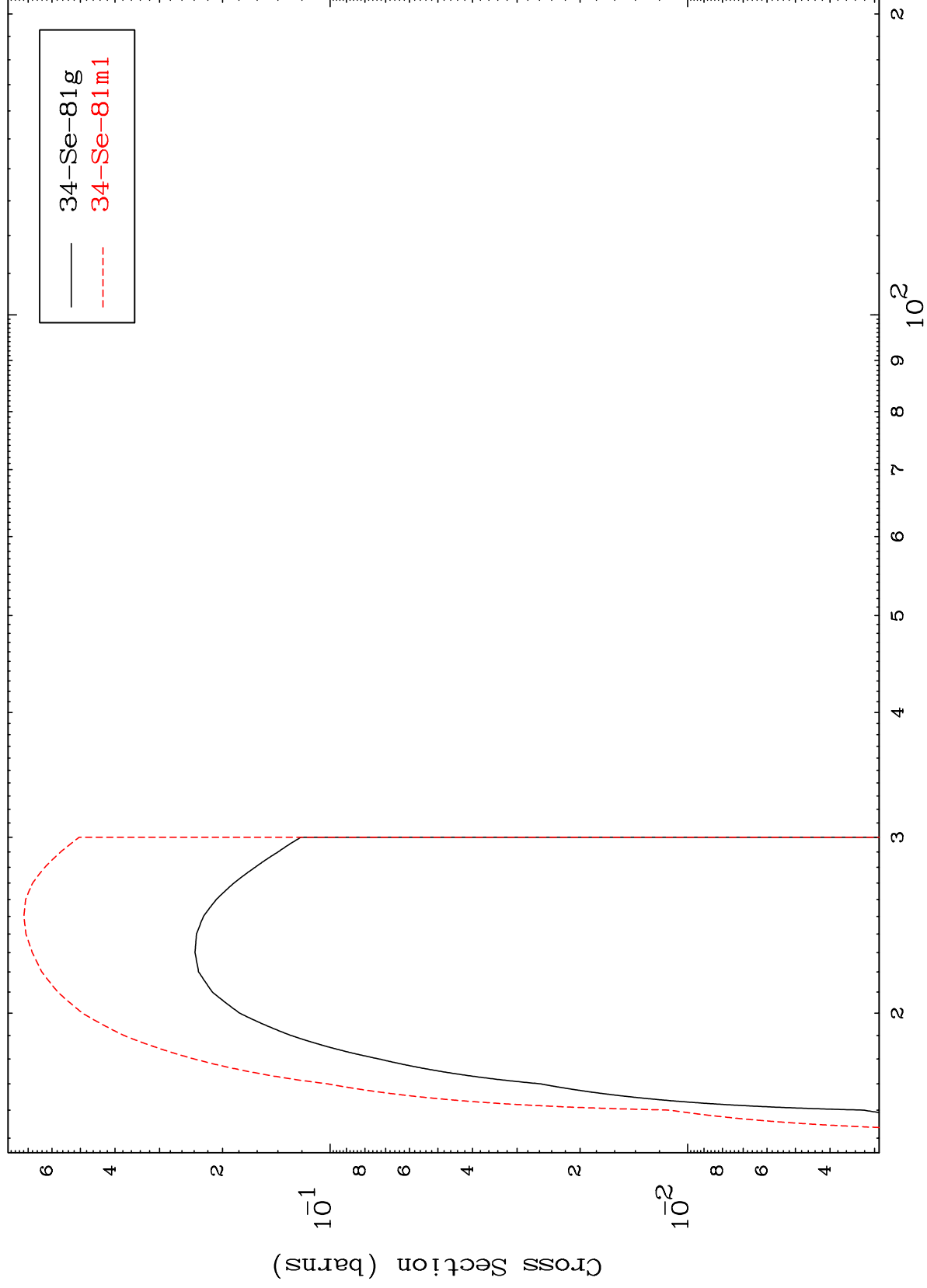
Inelastic
Radionuclide Production Cross Section



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³⁴Se-83m

(n,3n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

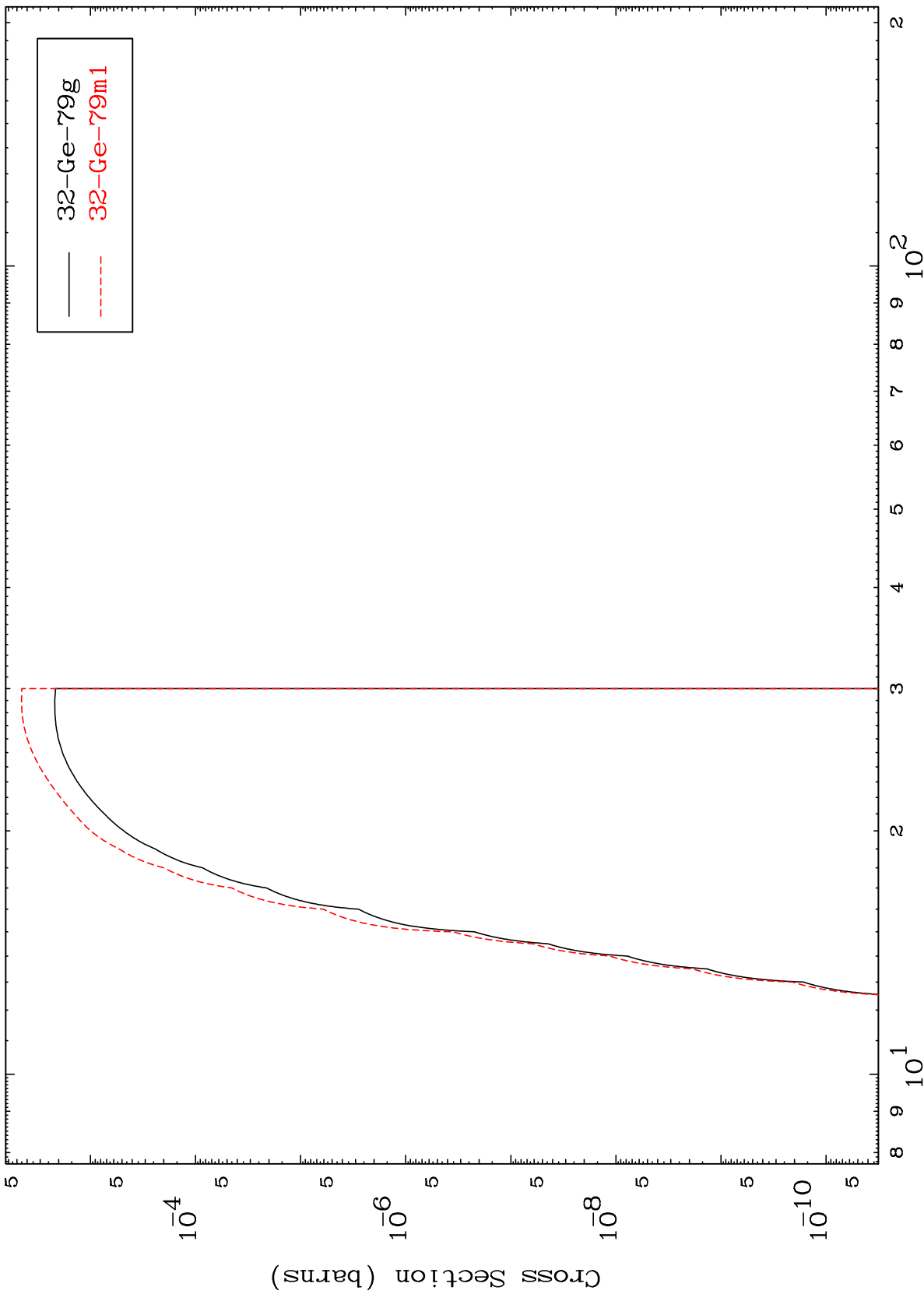
³⁴Se-83m

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³⁴Se-83m

(n,n') α

Radionuclide Production Cross Section

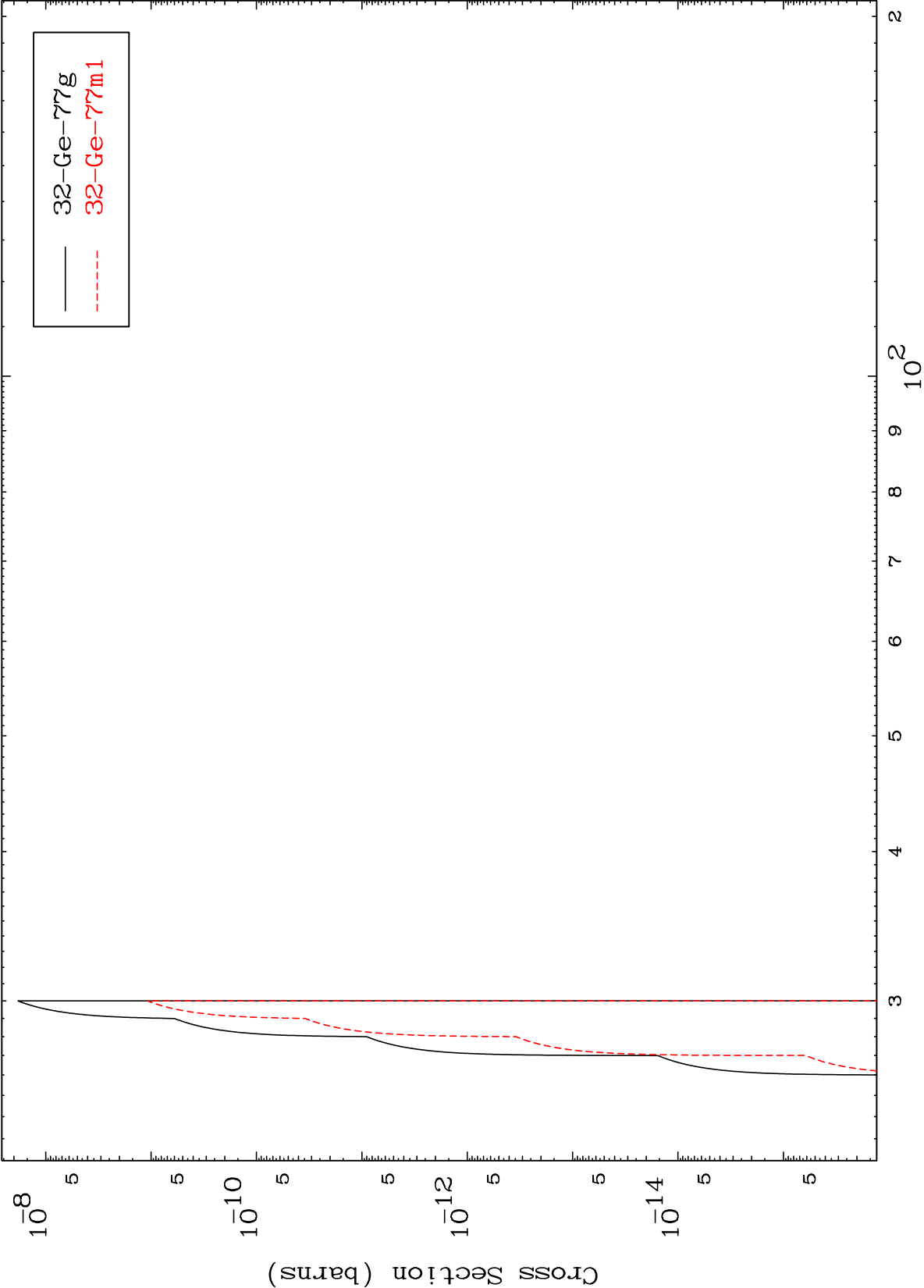


Incident Energy (MeV)

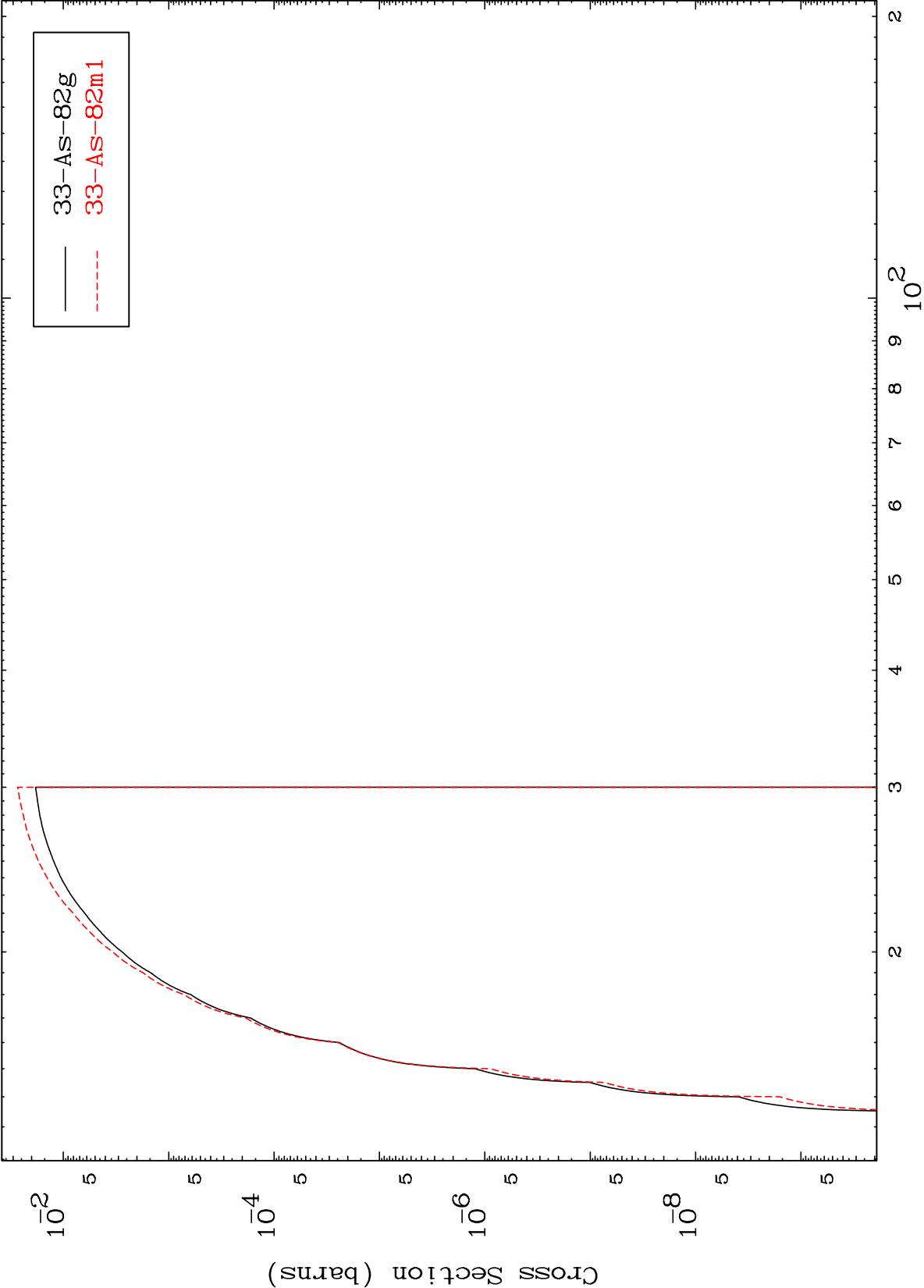
³⁴Se-83m

20

(n,3n) α
Radionuclide Production Cross Section



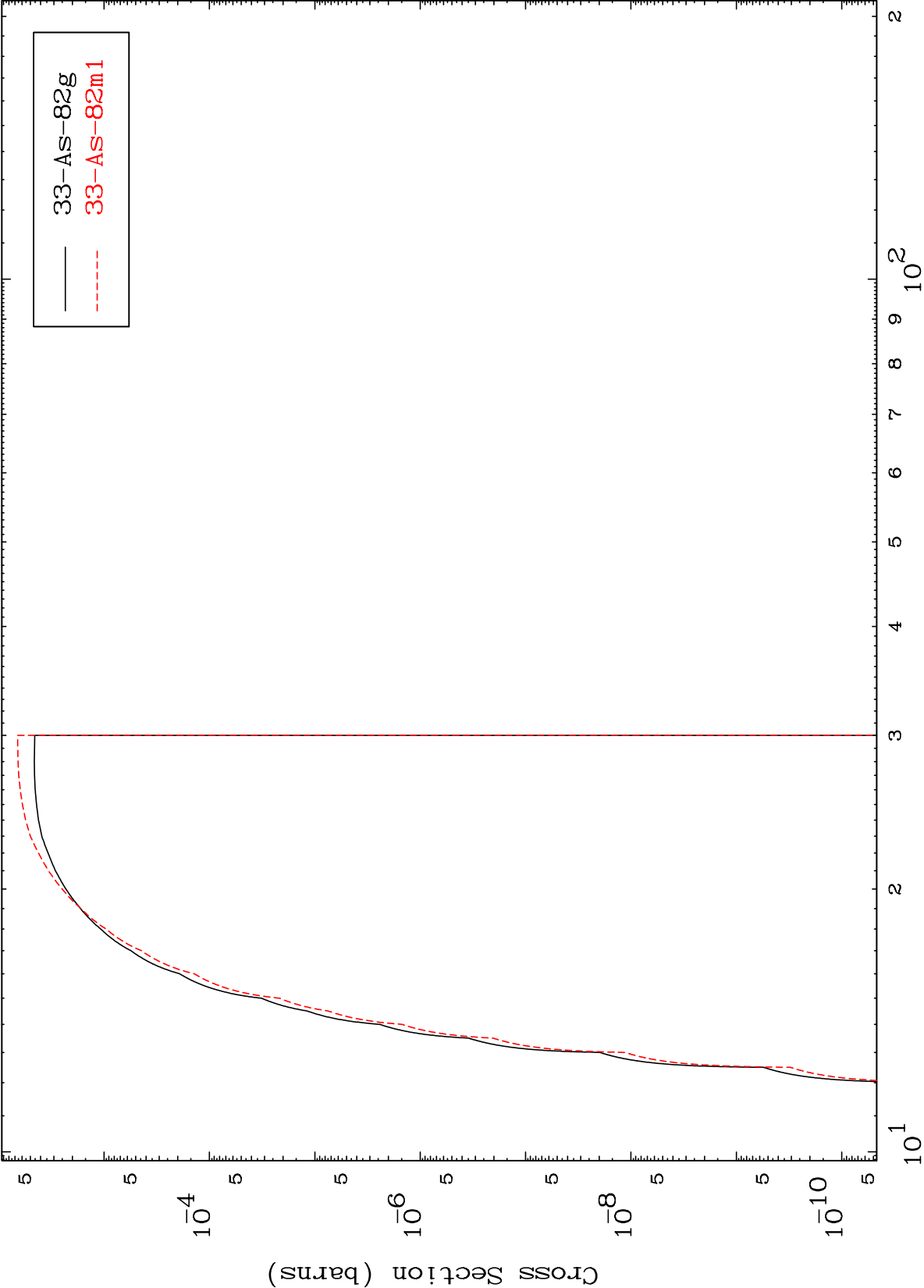
(n,n') p
Radionuclide Production Cross Section



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³⁴Se-83m

(n,d)
Radionuclide Production Cross Section



³⁴Se-83m

Incident Energy (MeV)

23

(n,He-3)
Radionuclide Production Cross Section

