

Program EVALPLOT
(Version 2015-2)

by

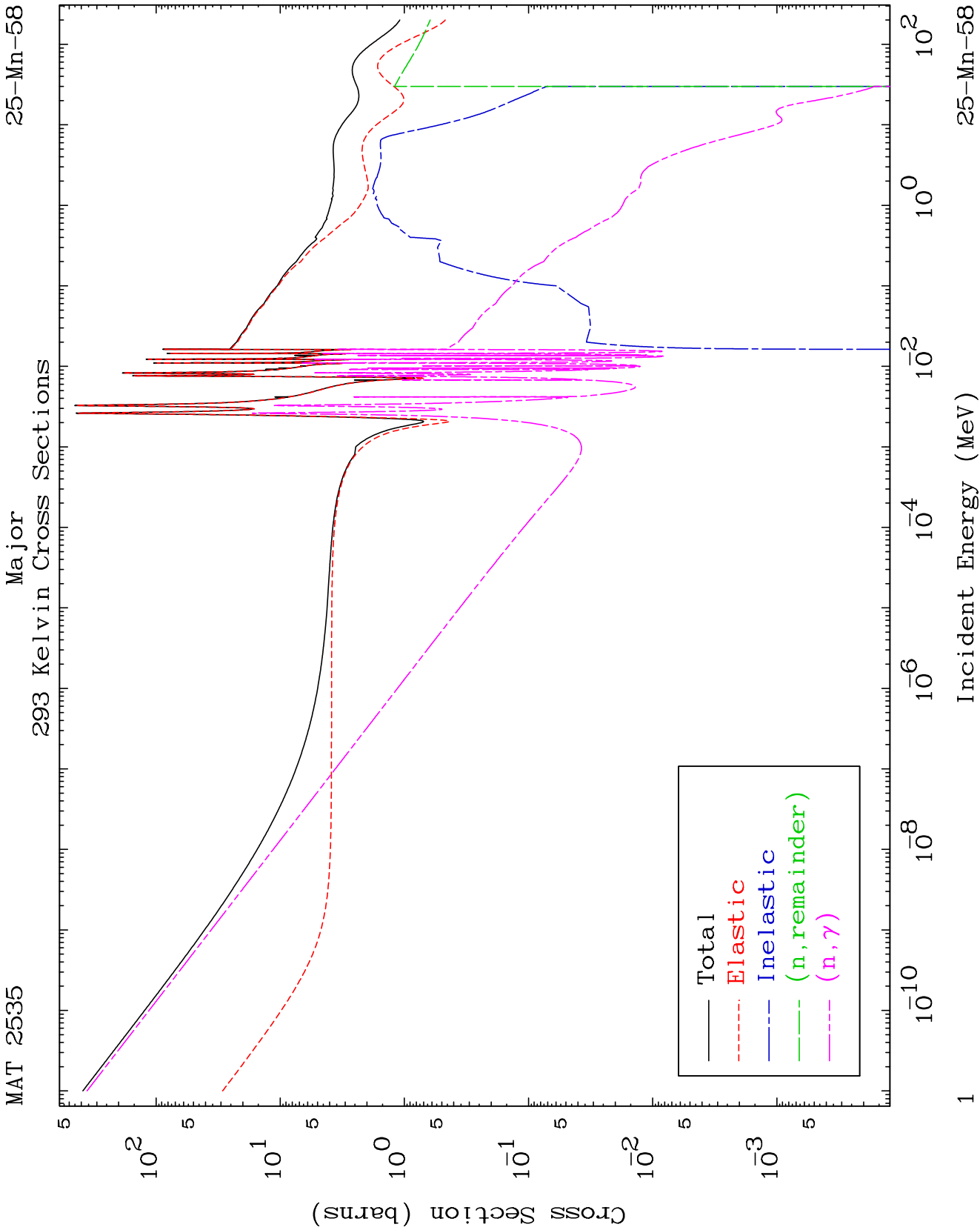
Dermott E. Cullen
(Present Contact Information)

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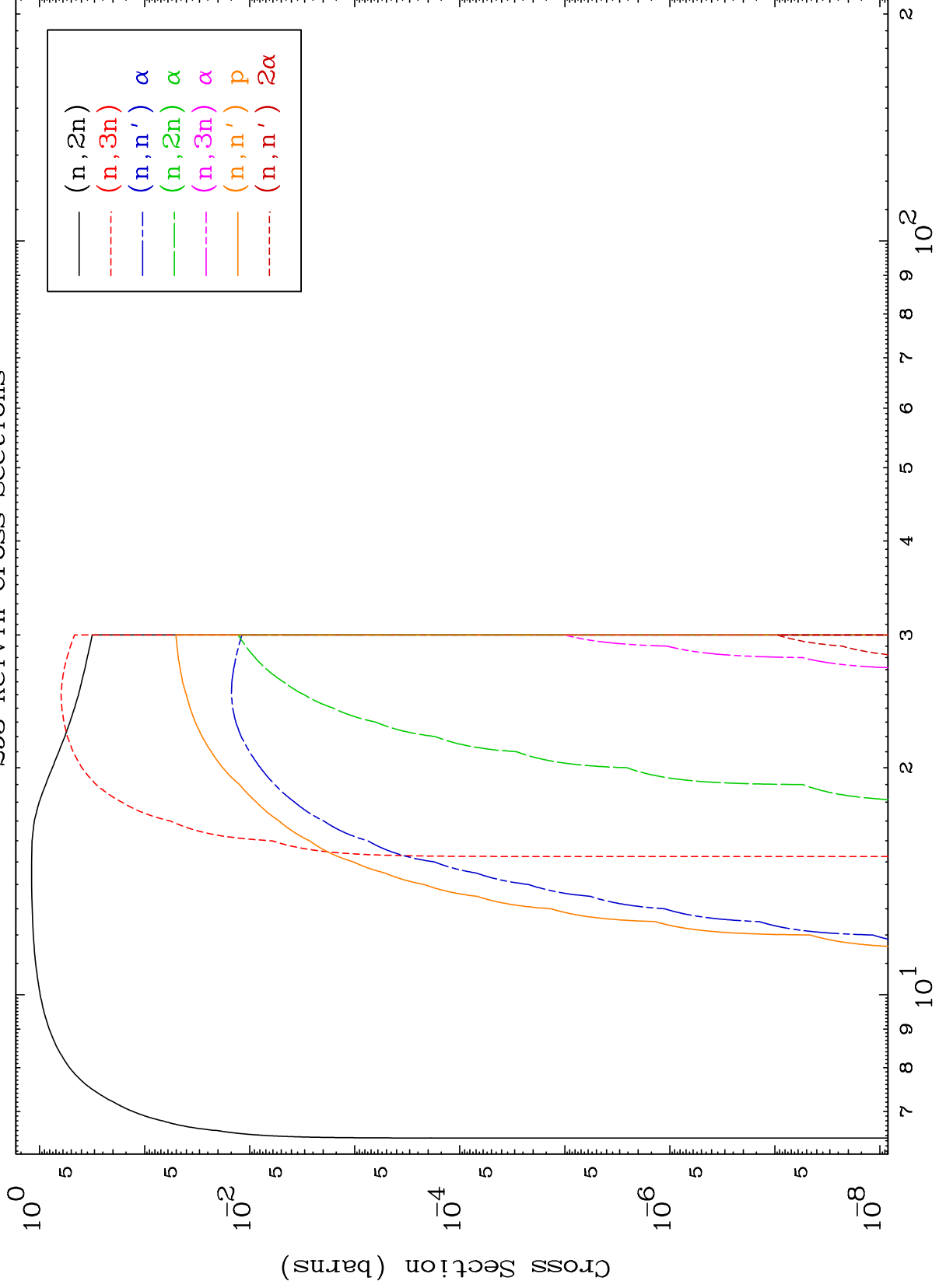
Press Mouse Button to Start



MAT 2535

Neutron Production
293 Kelvin Cross Sections

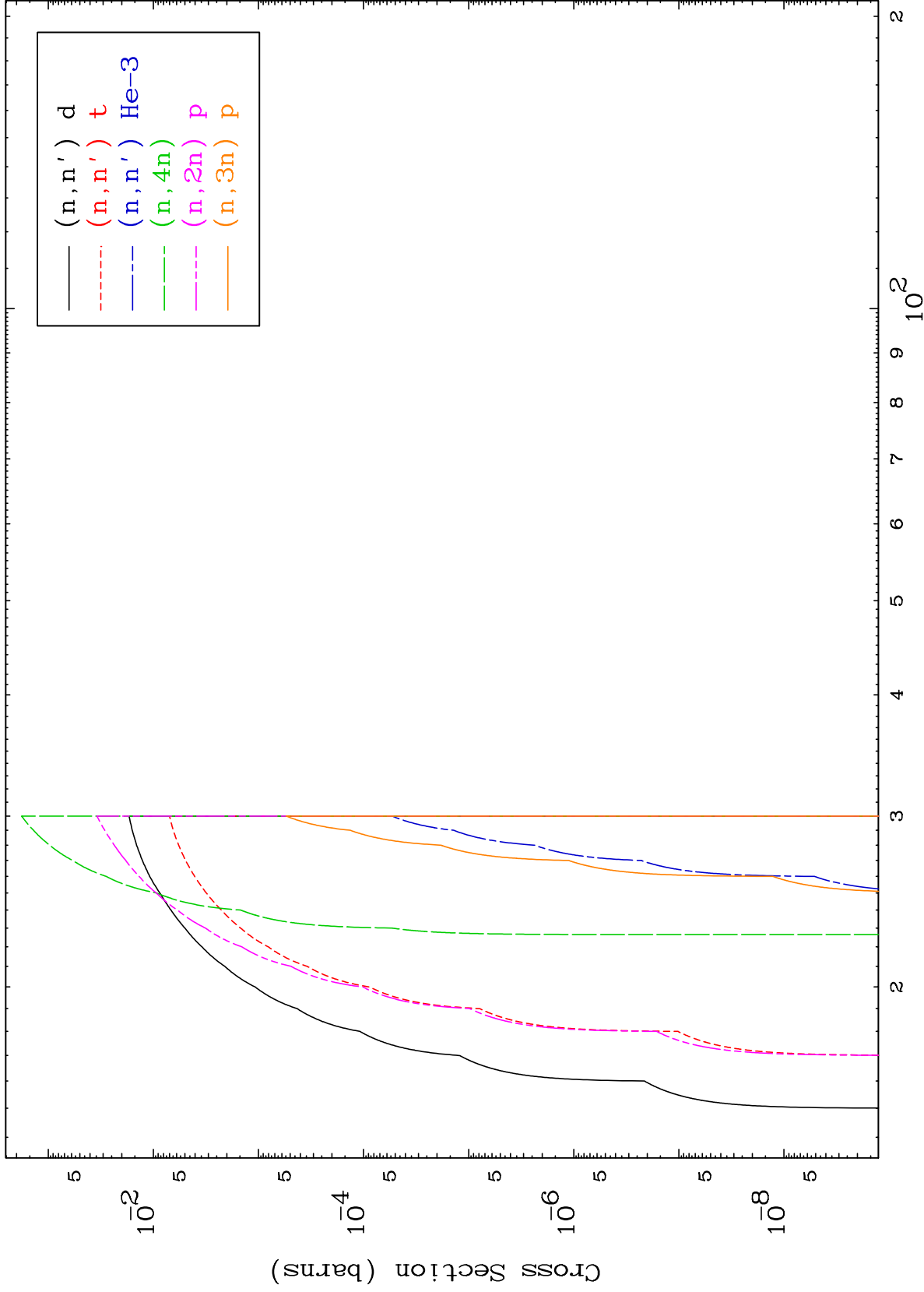
25-Mn-58



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Incident Energy (MeV)

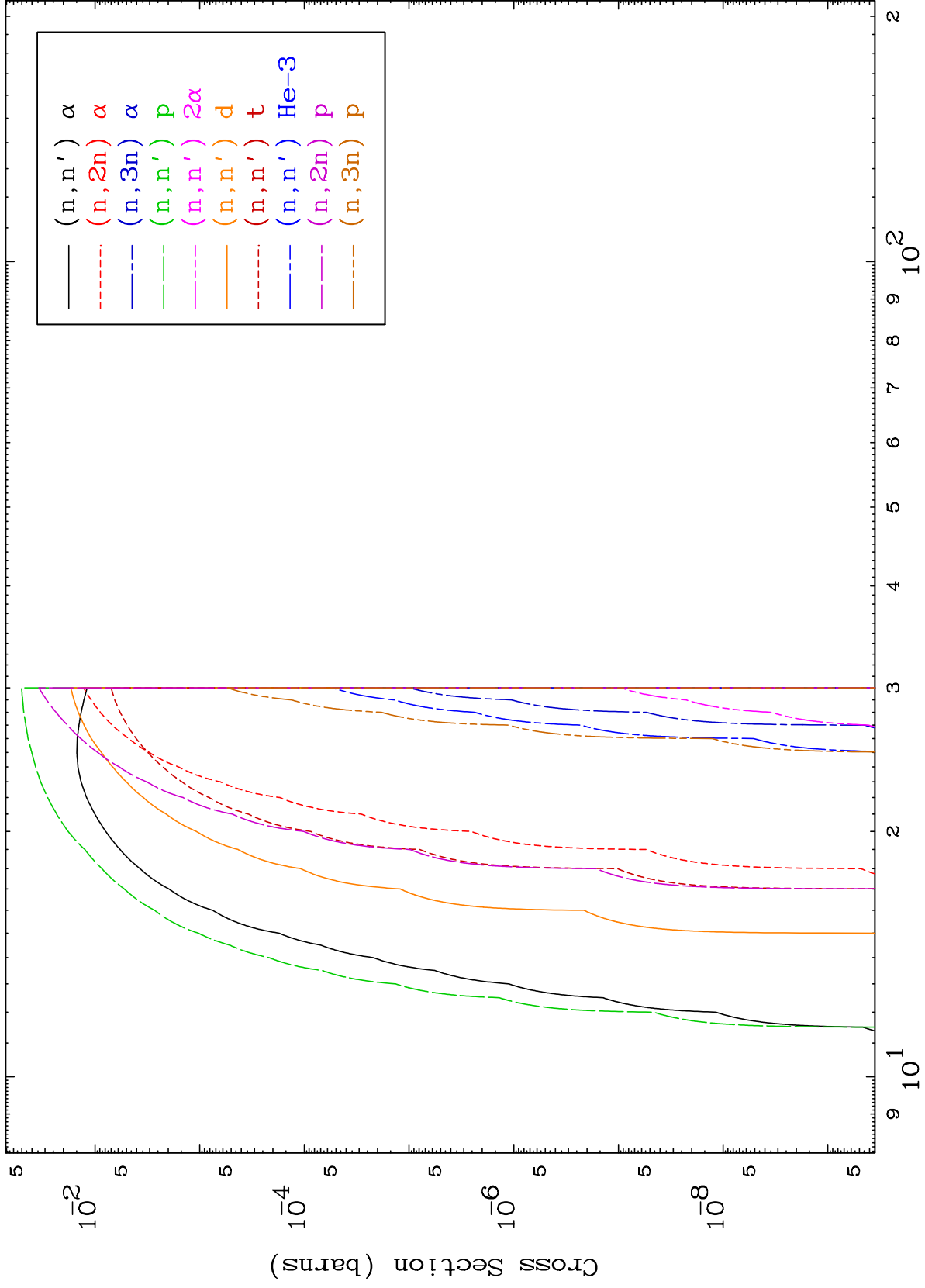
25-Mn-58



MAT 2535

Charged Particle
293 Kelvin Cross Sections

25-Mn-58



4

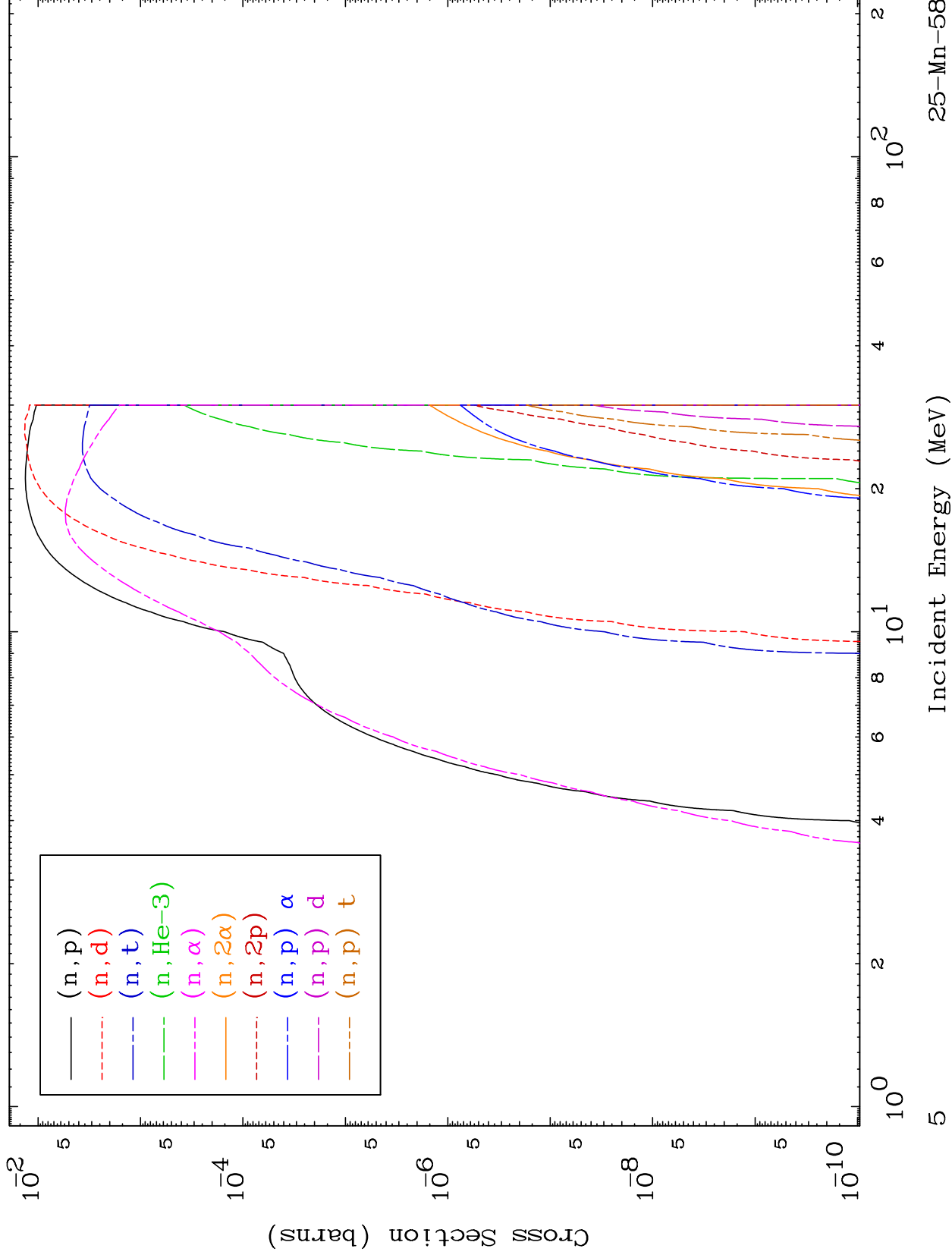
Incident Energy (MeV)

25-Mn-58

MAT 2535

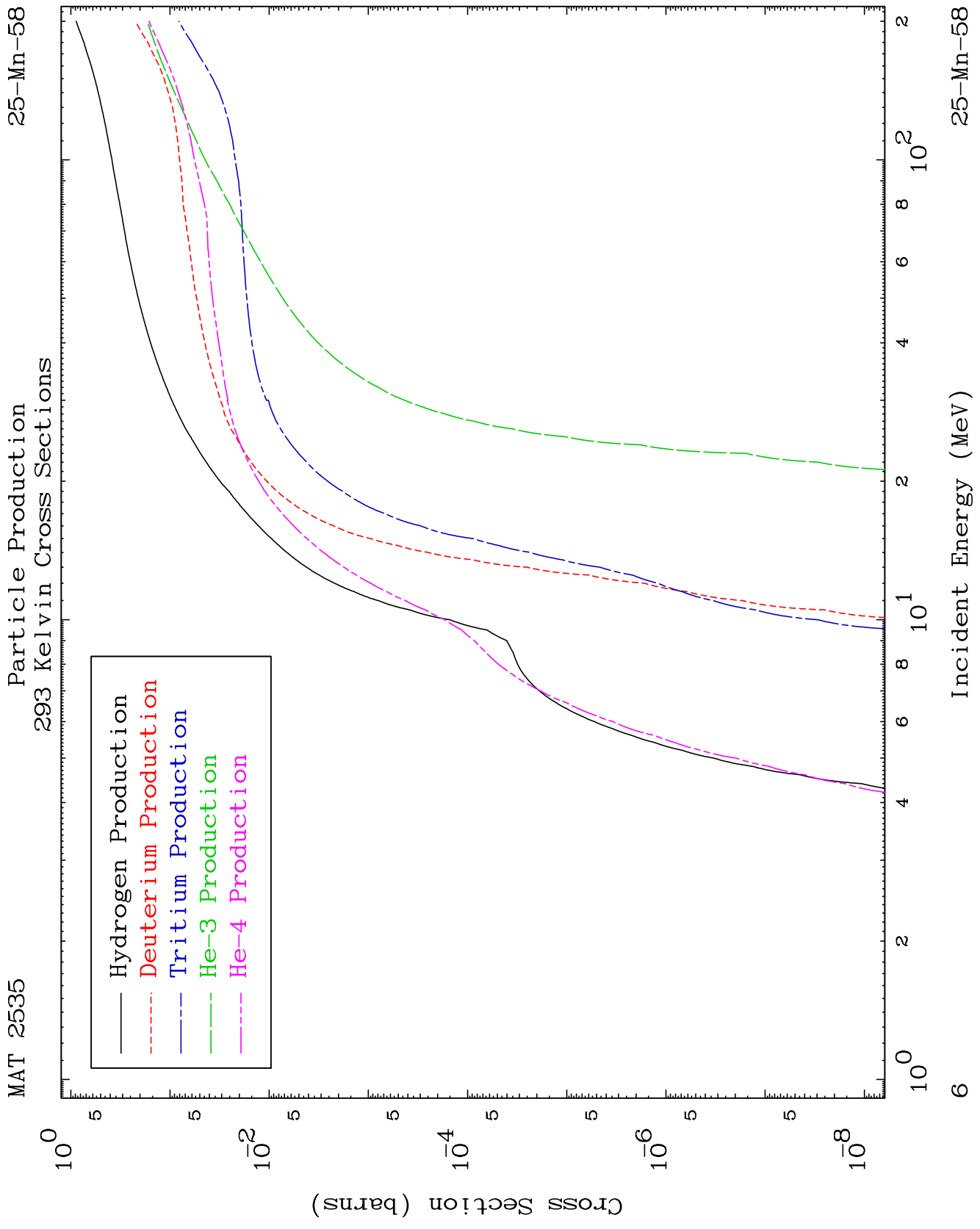
Charged Particle
293 Kelvin Cross Sections

25-Mn-58



25-Mn-58

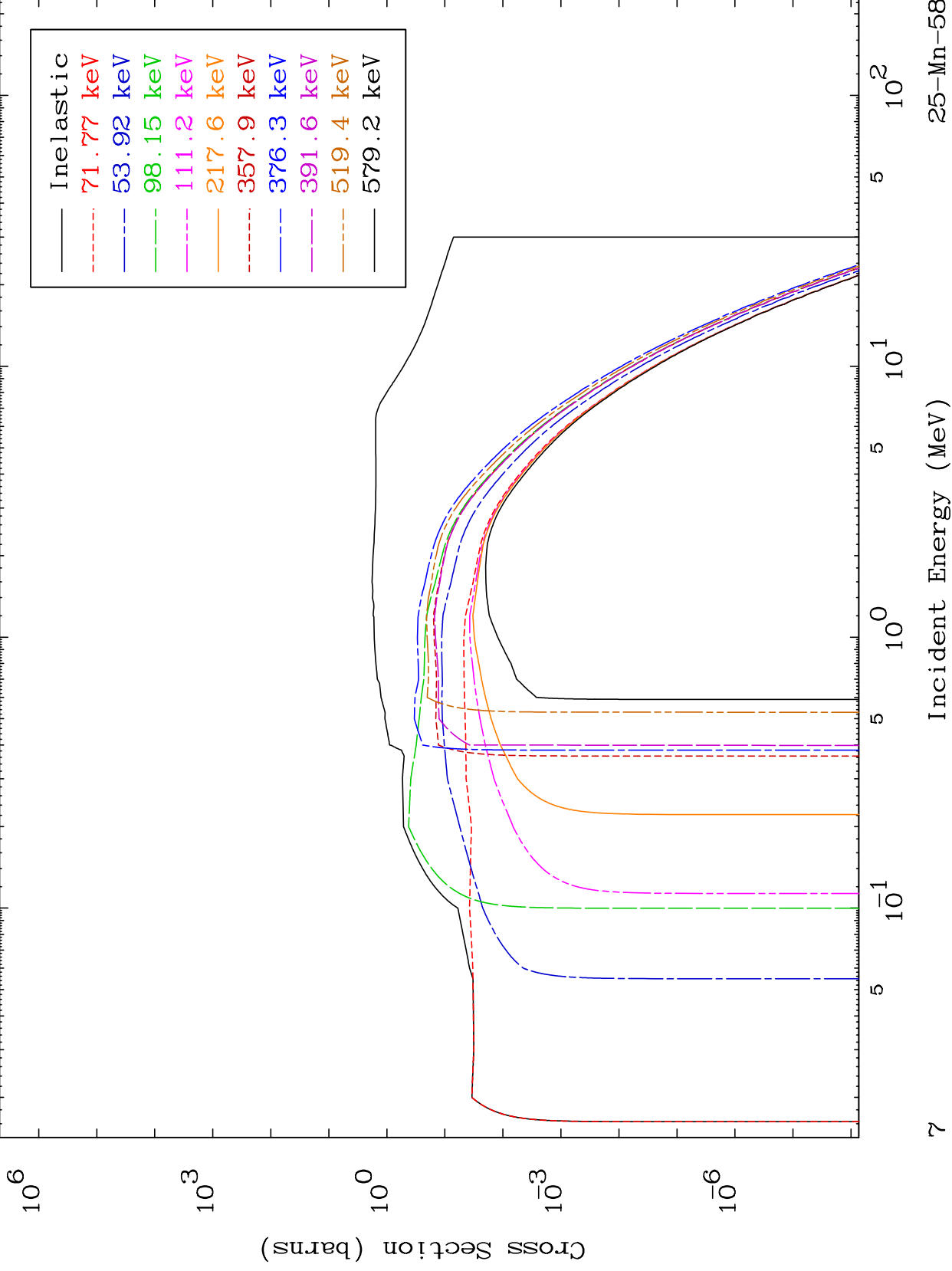
Incident Energy (MeV)



MAT 2535

(n,n') Level
293 Kelvin Cross Sections

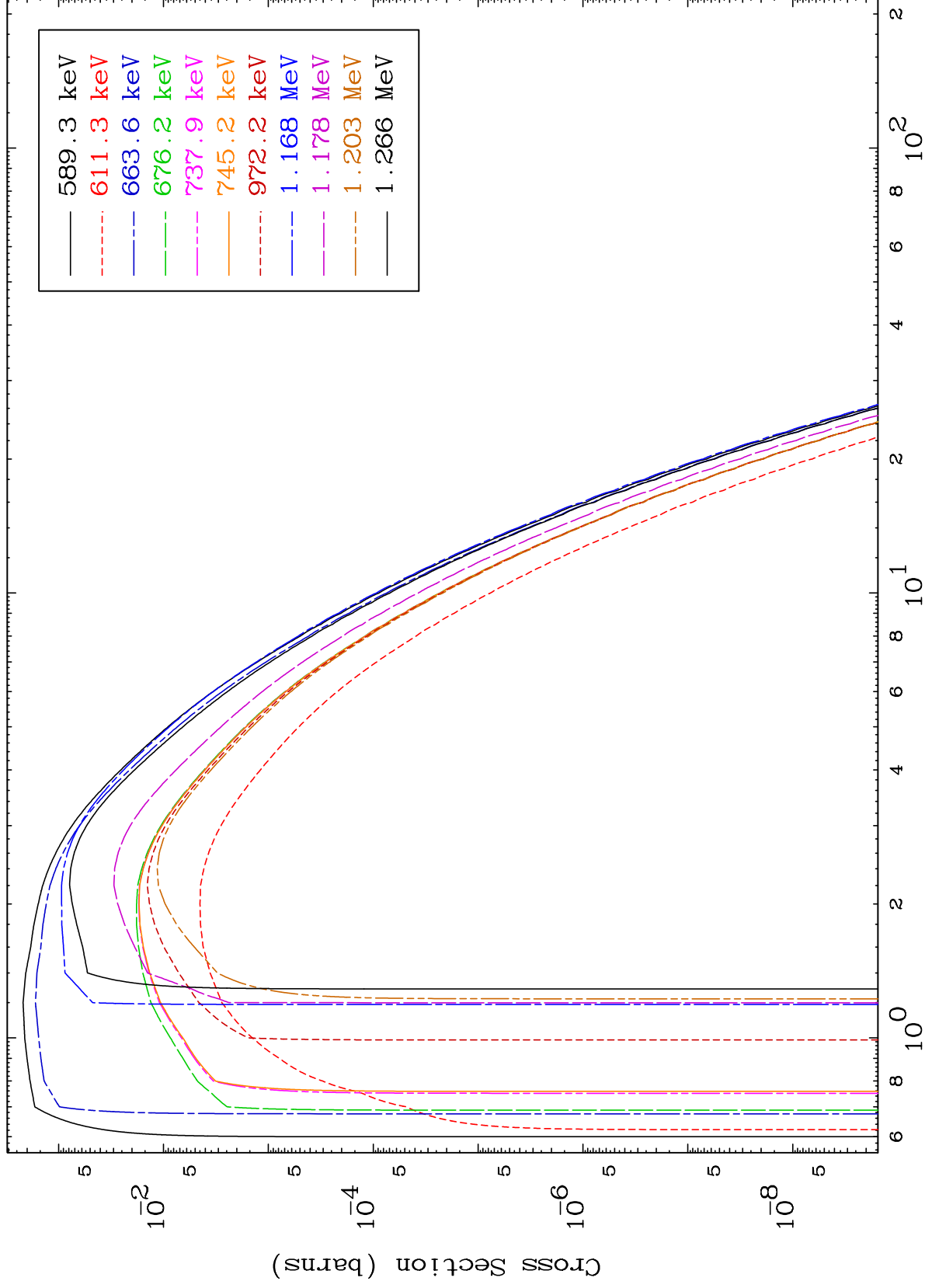
25-Mn-58



MAT 2535

(n,n') Level
293 Kelvin Cross Sections

25-Mn-58



8

Incident Energy (MeV)

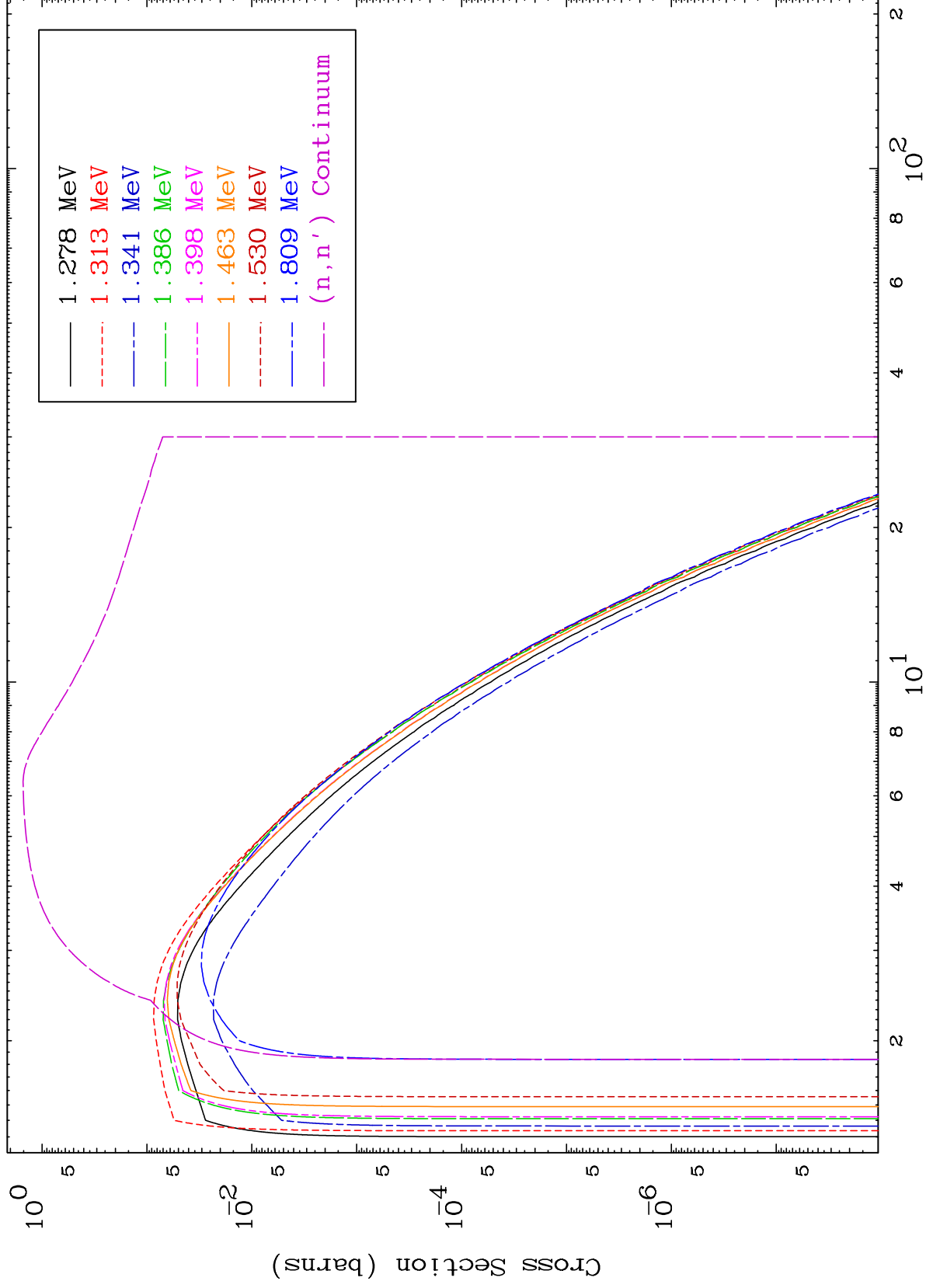
25-Mn-58

MAT 2535

(n,n') Level

25-Mn-58

293 Kelvin Cross Sections



9

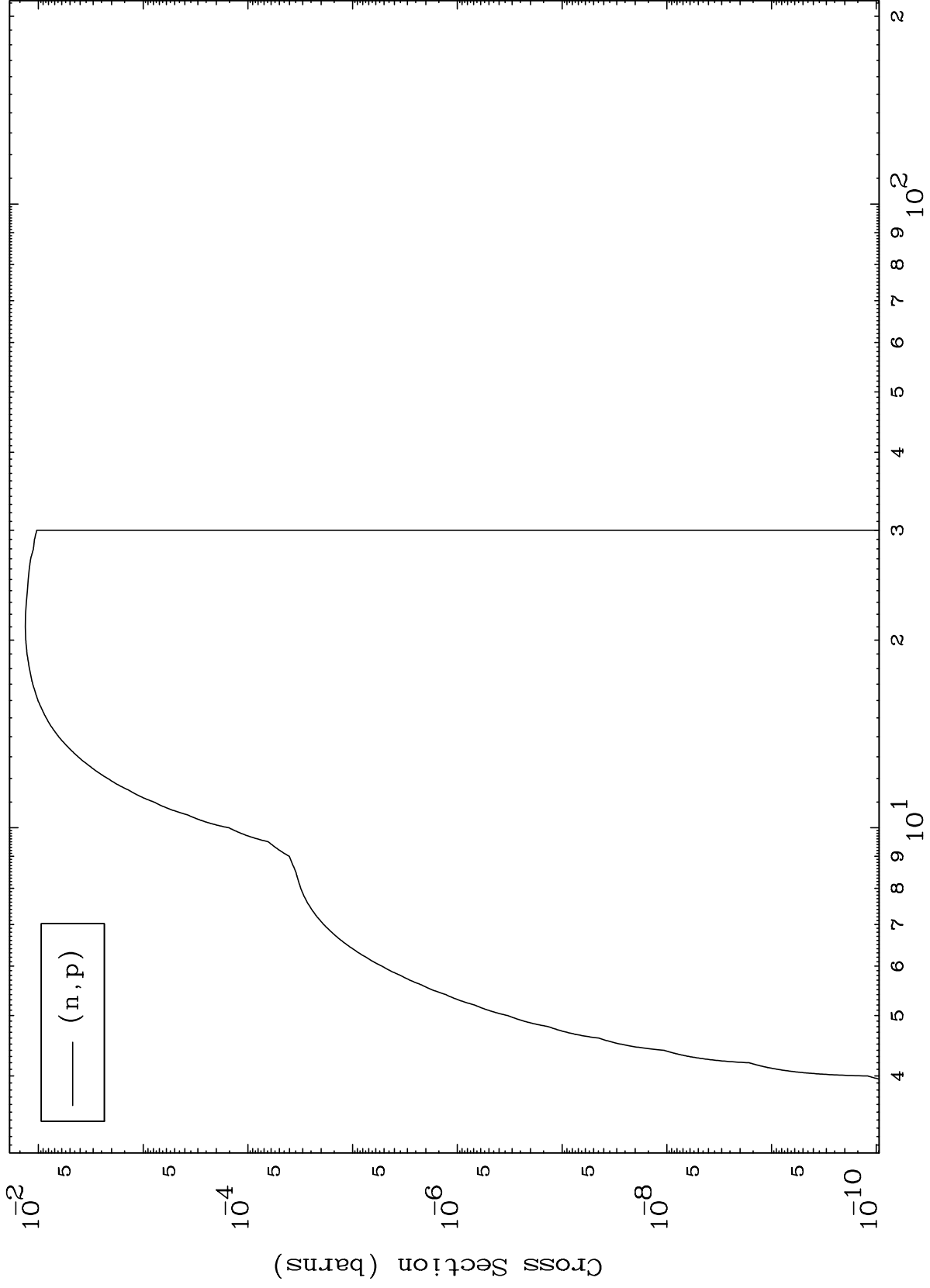
Incident Energy (MeV)

25-Mn-58

MAT 2535

(n,p) Levels
293 Kelvin Cross Sections

25-Mn-58



10

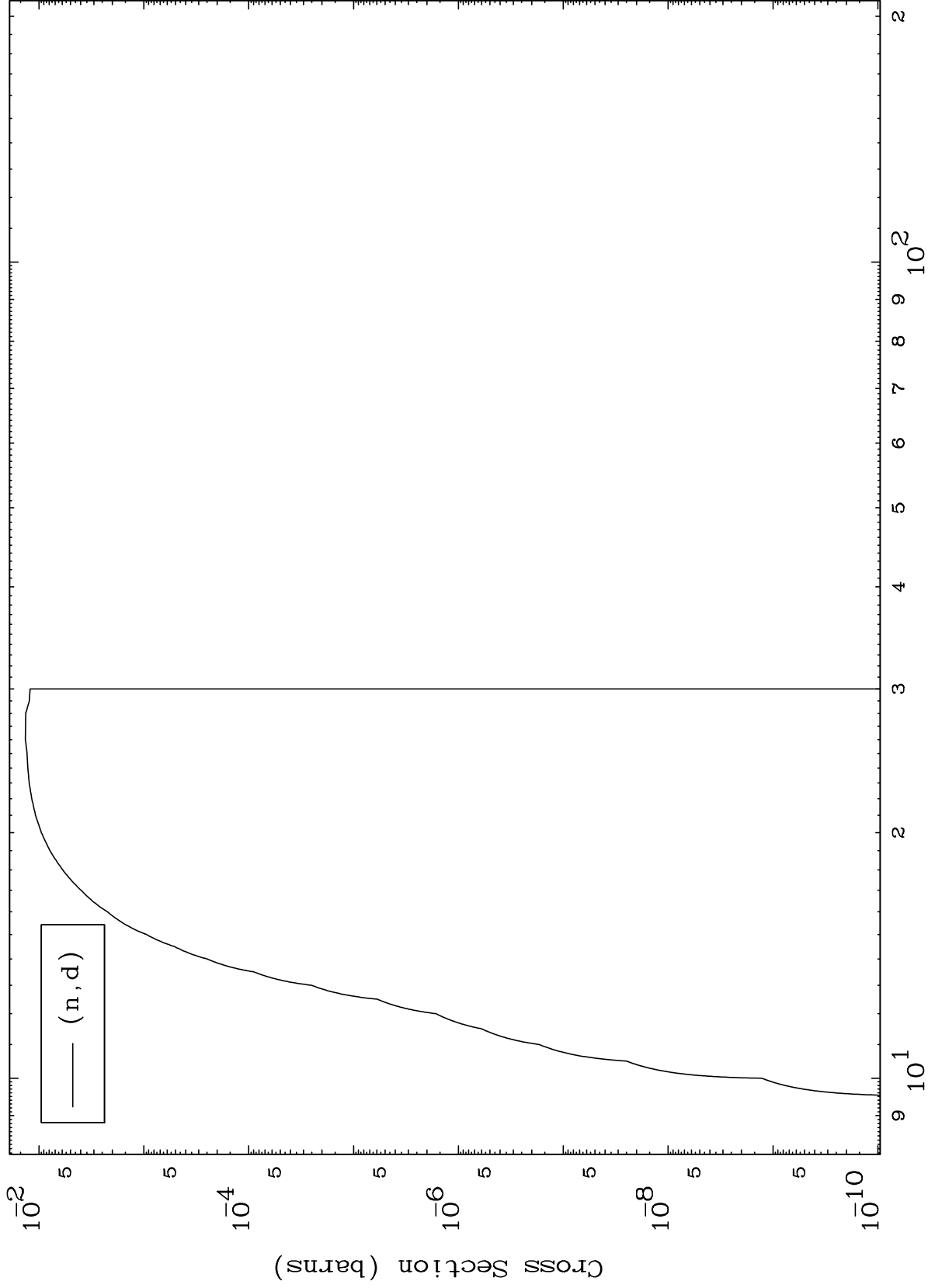
Incident Energy (MeV)

25-Mn-58

MAT 2535

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-58



11

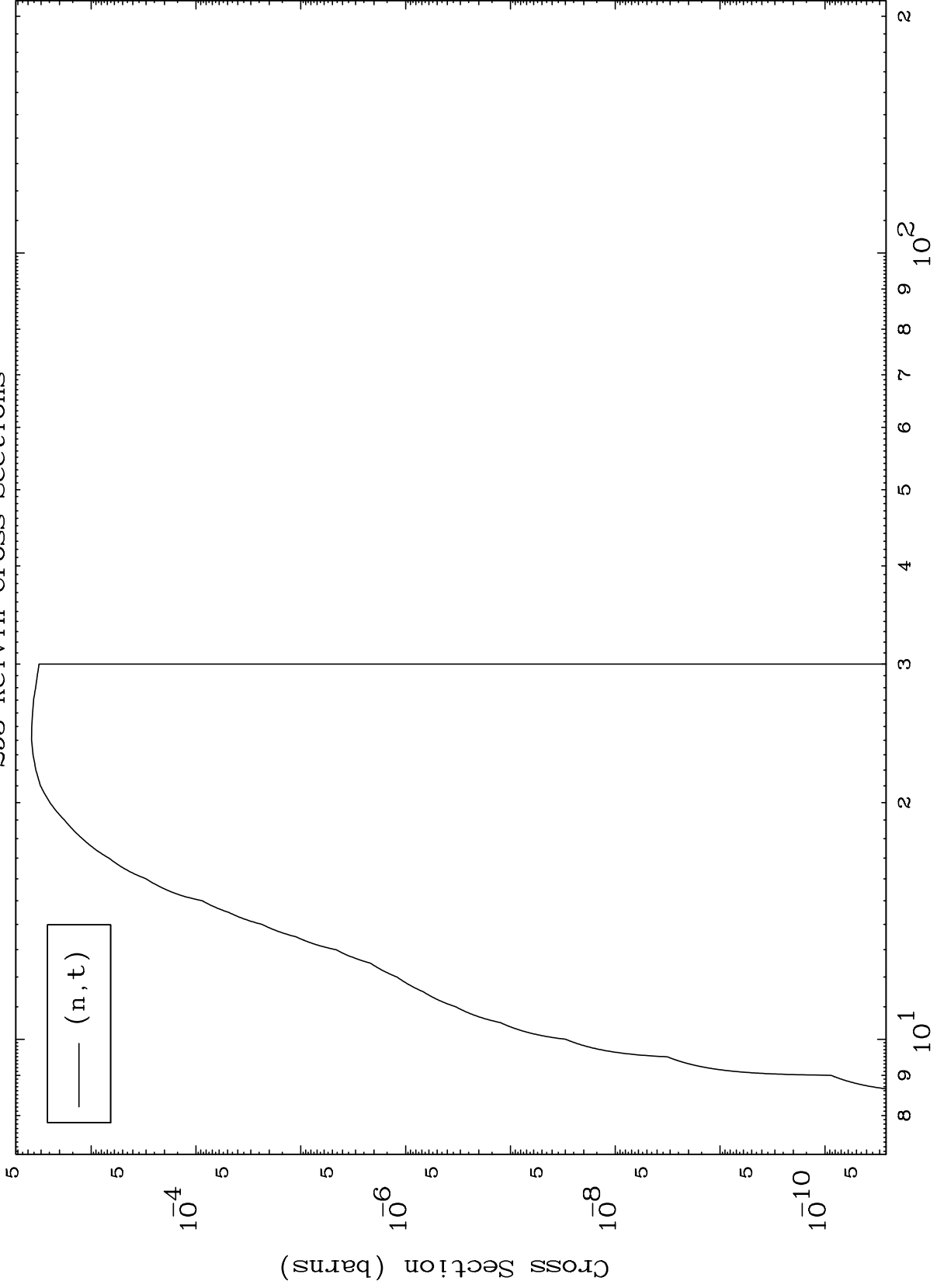
Incident Energy (MeV)

25-Mn-58

MAT 2535

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-58



12

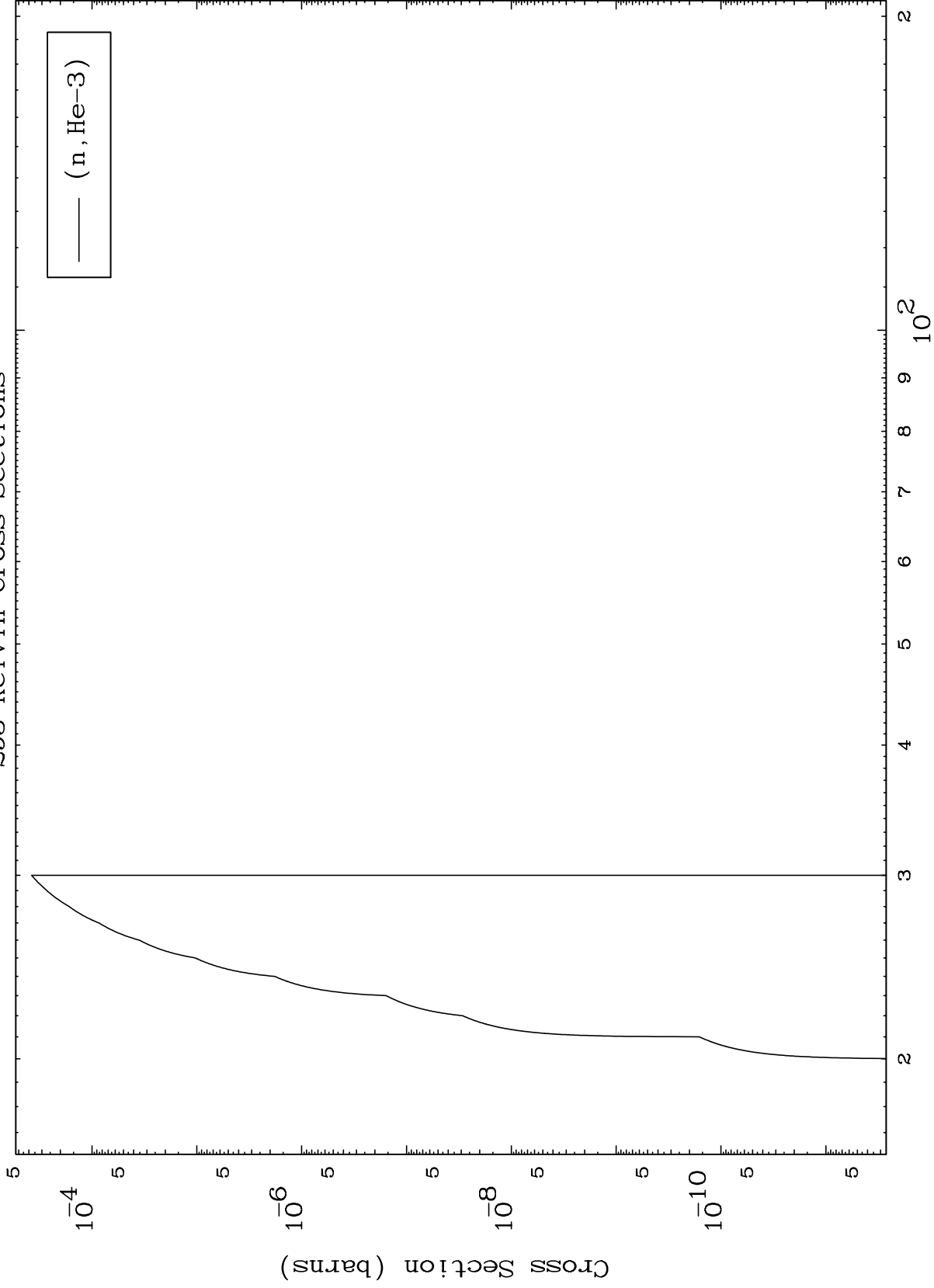
Incident Energy (MeV)

25-Mn-58

MAT 2535

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-58



13

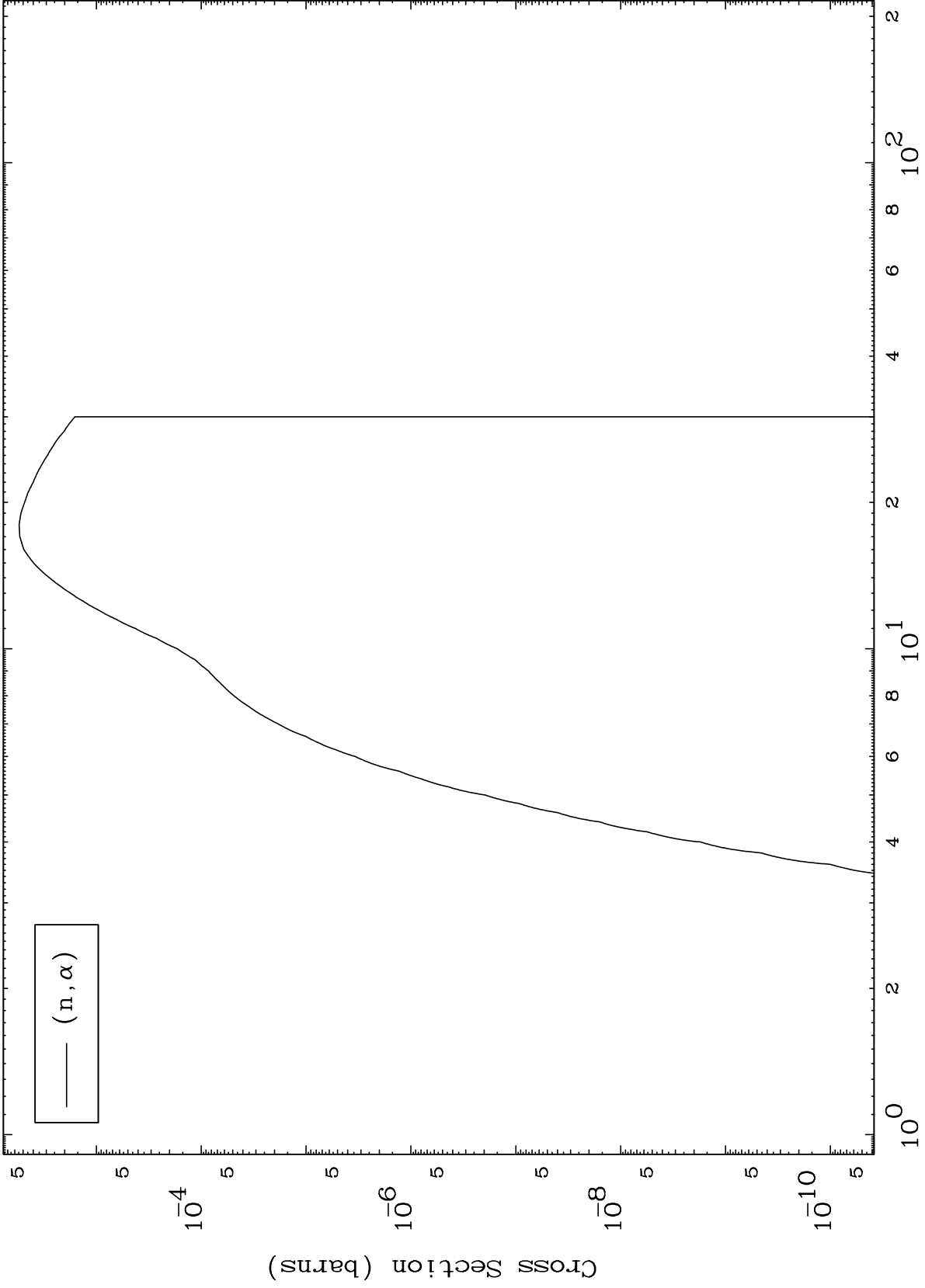
Incident Energy (MeV)

25-Mn-58

MAT 2535

(n, α) Levels
293 Kelvin Cross Sections

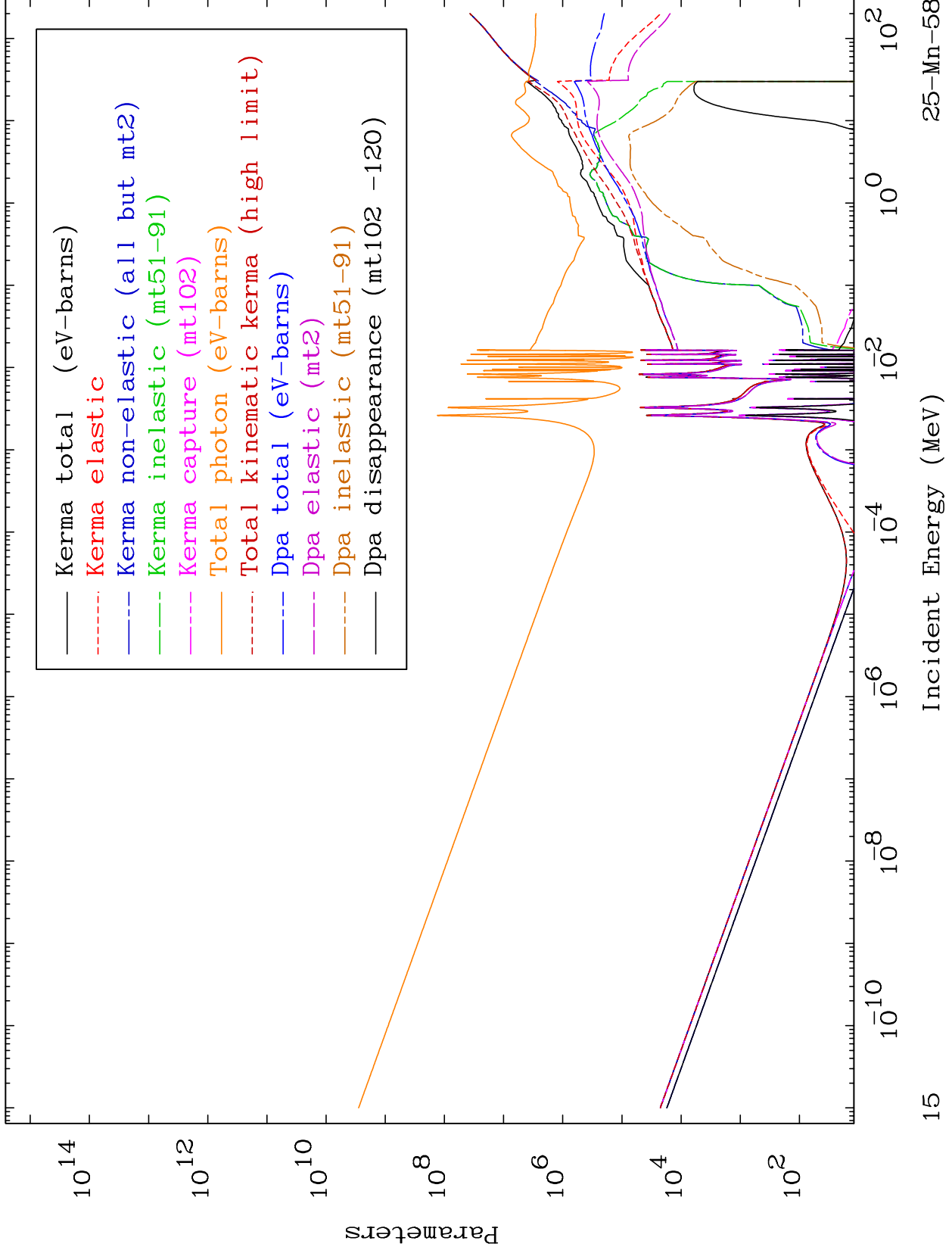
25-Mn-58

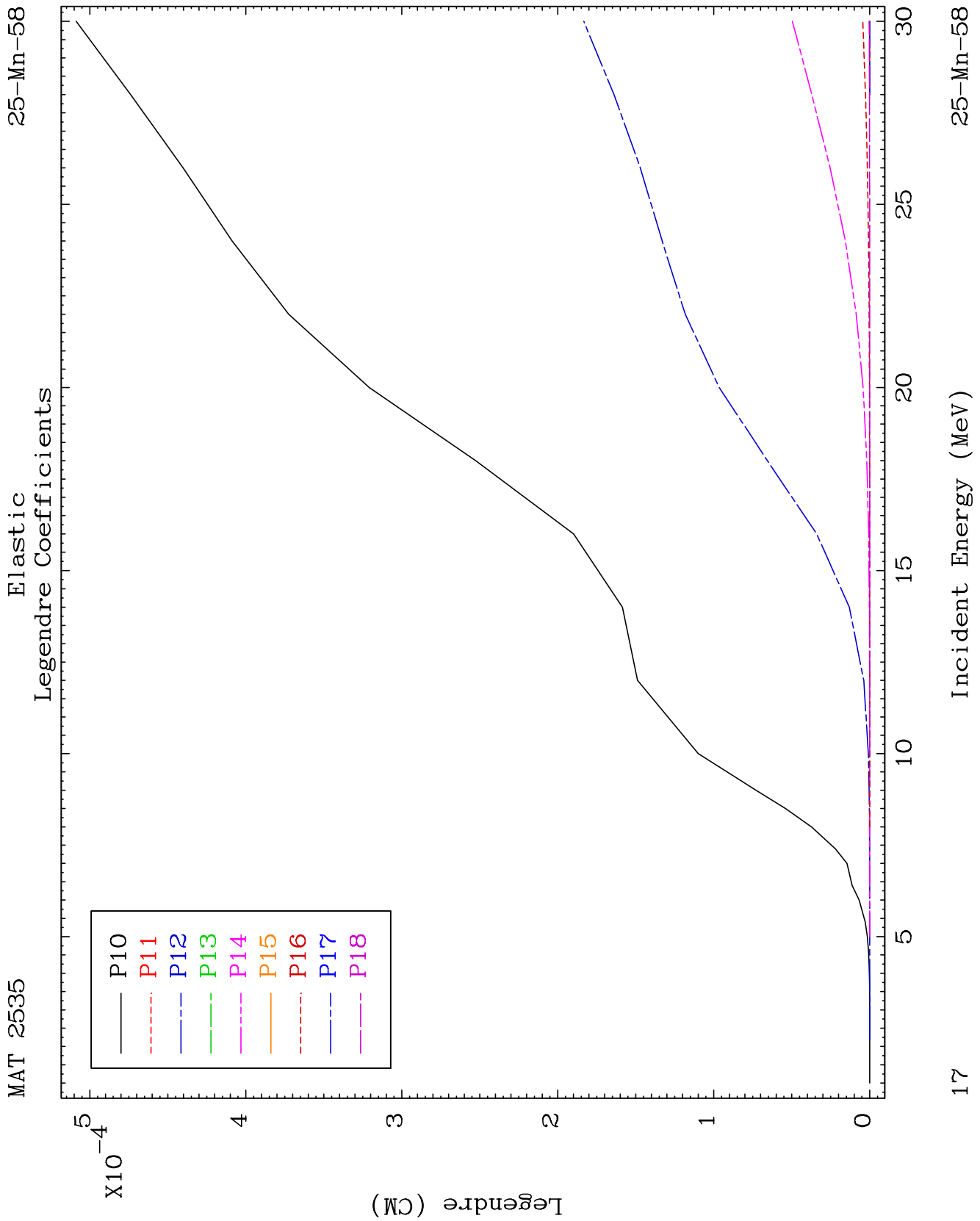


(n, α)

Incident Energy (MeV)

25-Mn-58

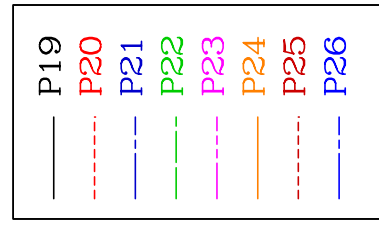




MAT 2535

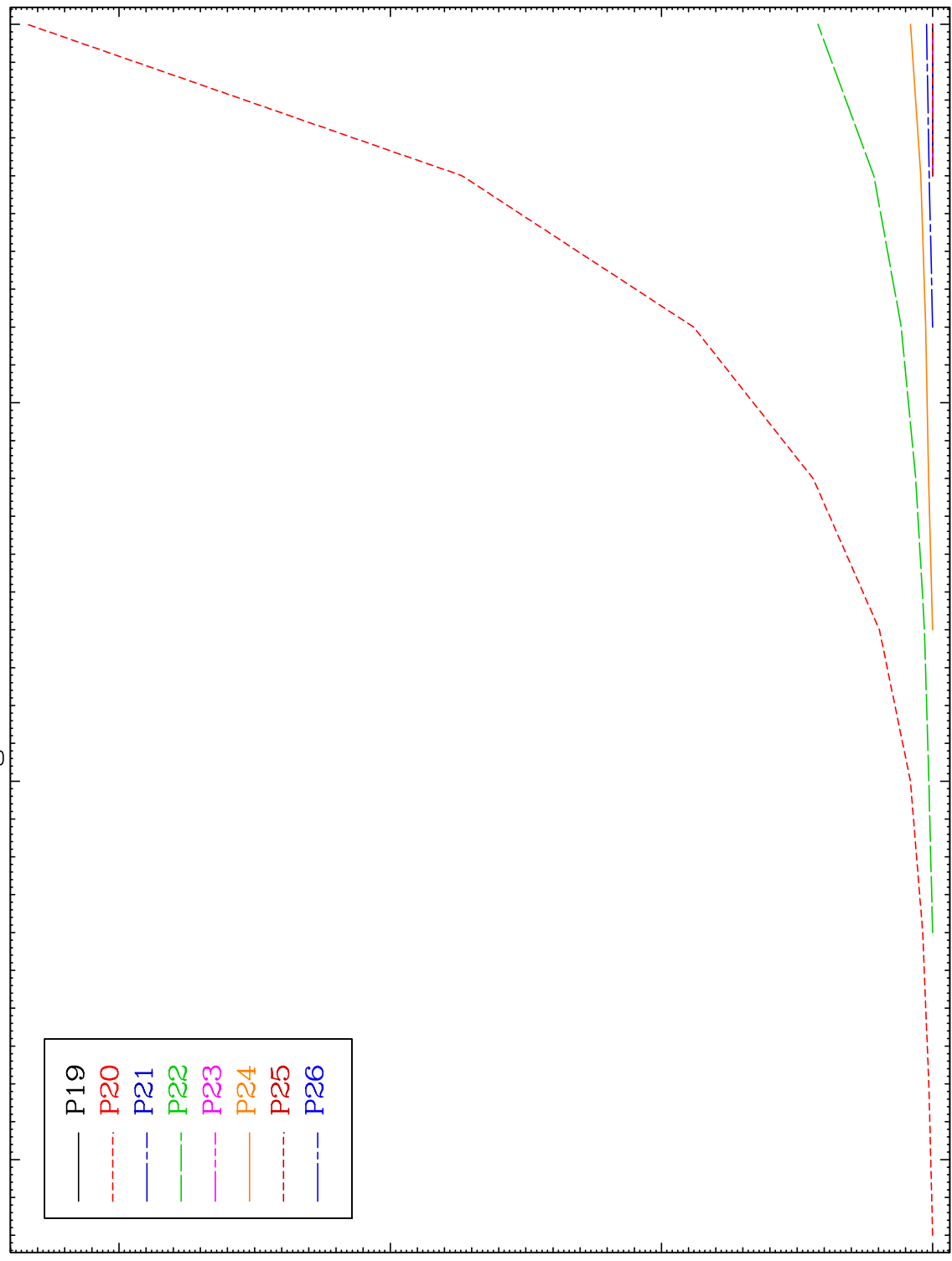
Elastic
Legendre Coefficients

25-Mn-58



$\times 10^{-8}$

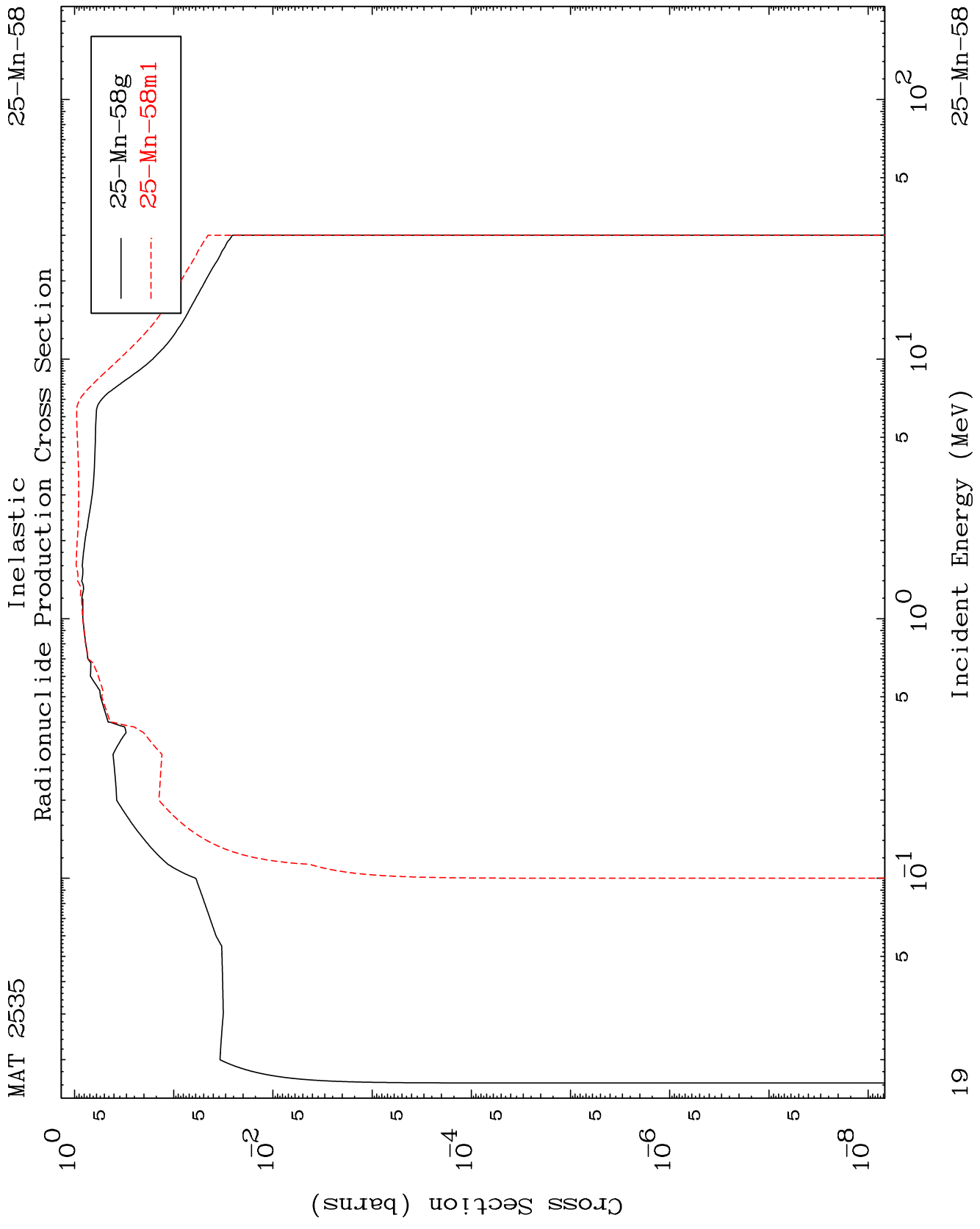
Legendre (CM)



18

Incident Energy (MeV)

25-Mn-58

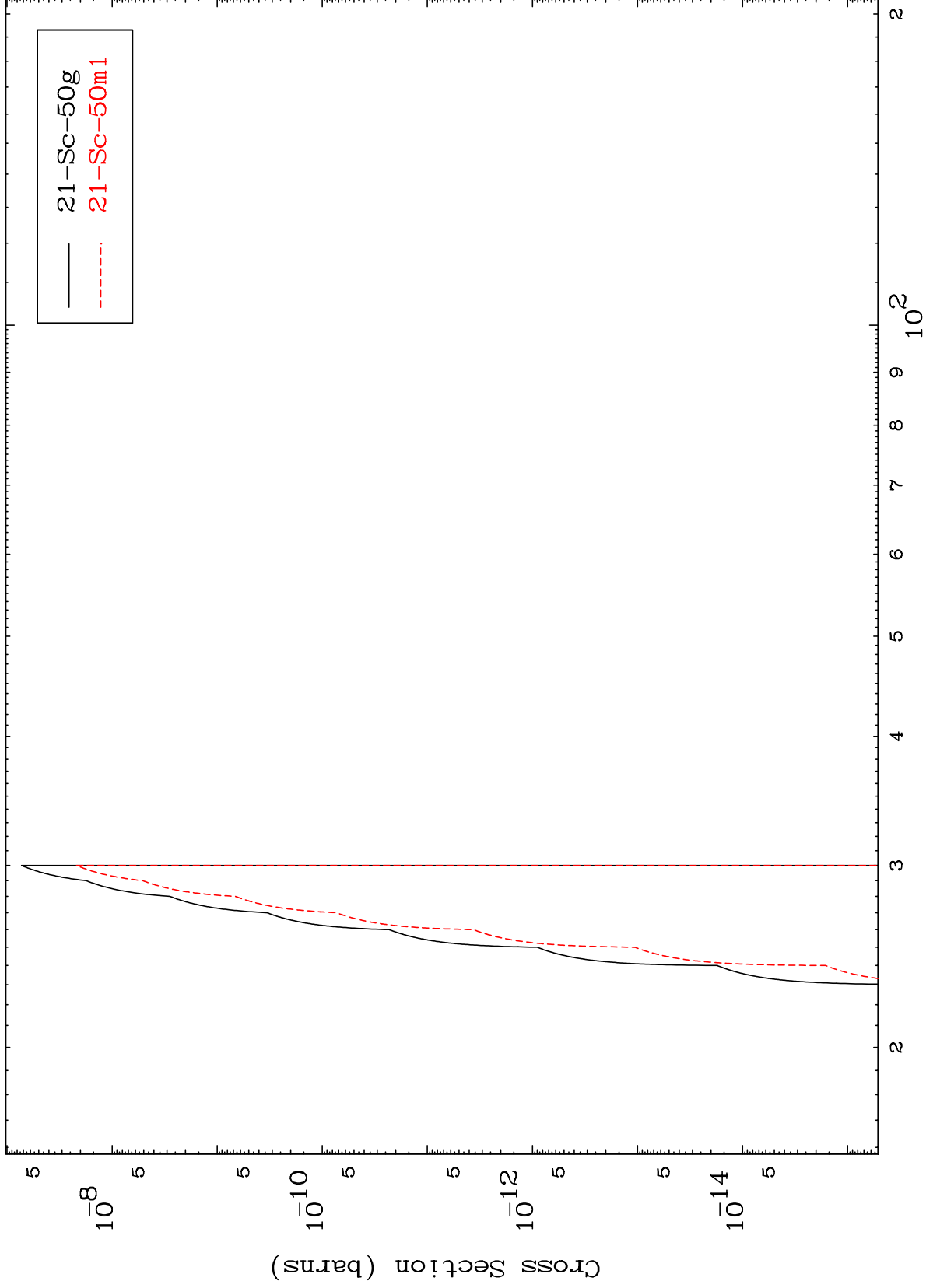


MAT 2535

(n,n') 2α

25-Mn-58

Radionuclide Production Cross Section



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Incident Energy (MeV)

25-Mn-58