

Program EVALPLOT
(Version 2021-1)

by

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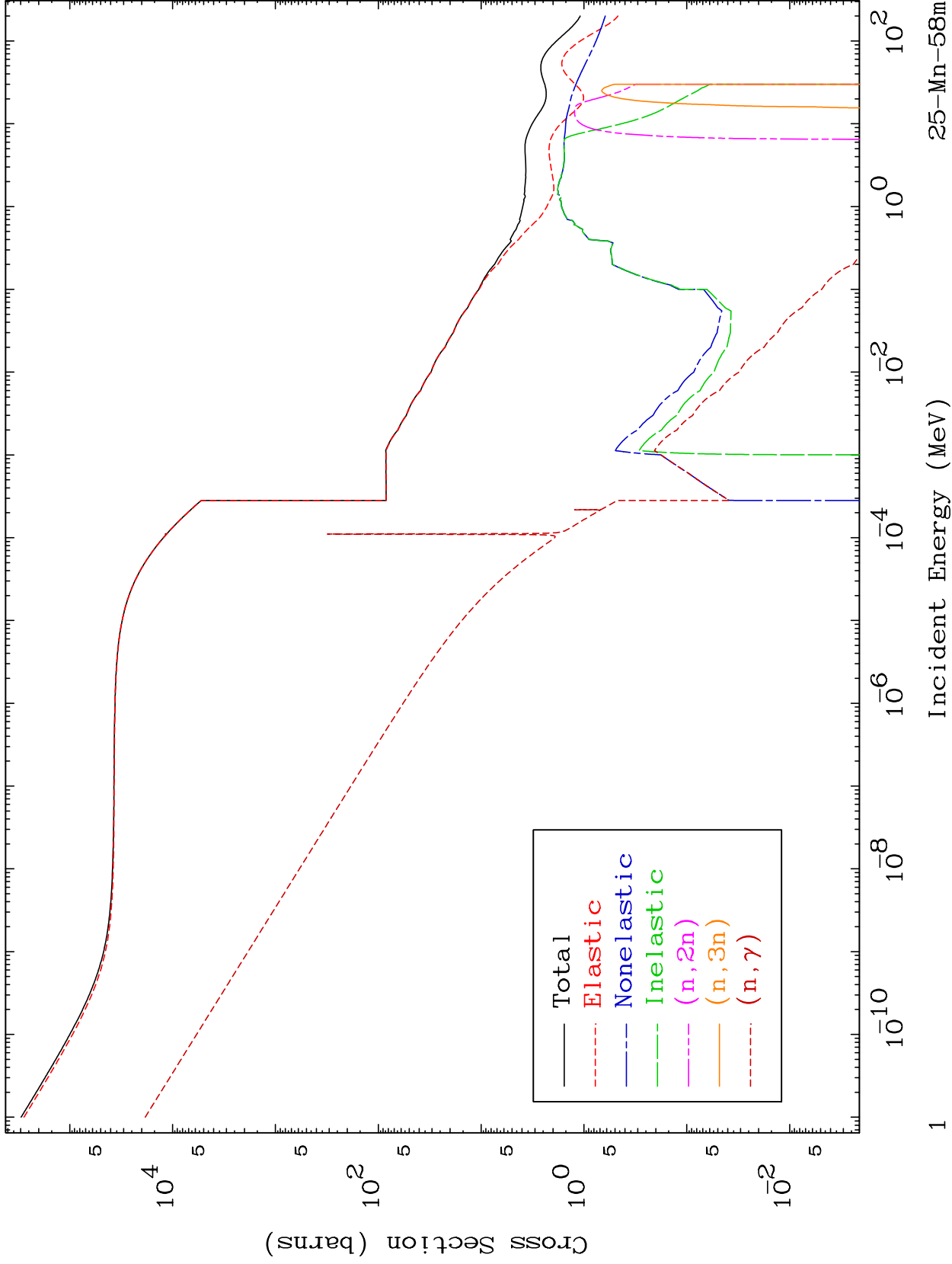
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2535

Neutron Major
293 Kelvin Cross Sections

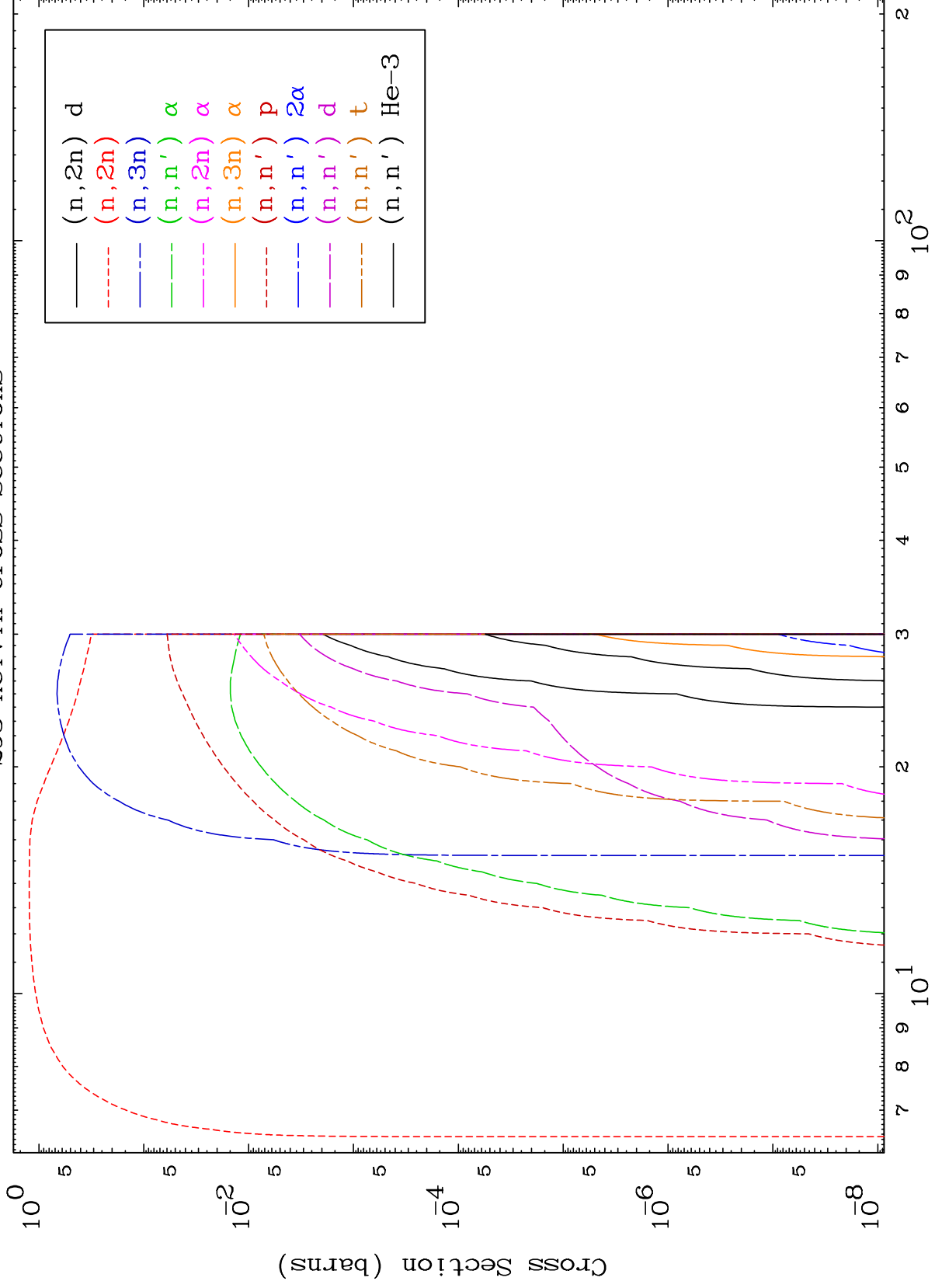
25-Mn-58m



MAT 2535

Neutron Absorption
293 Kelvin Cross Sections

25-Mn-58m



2

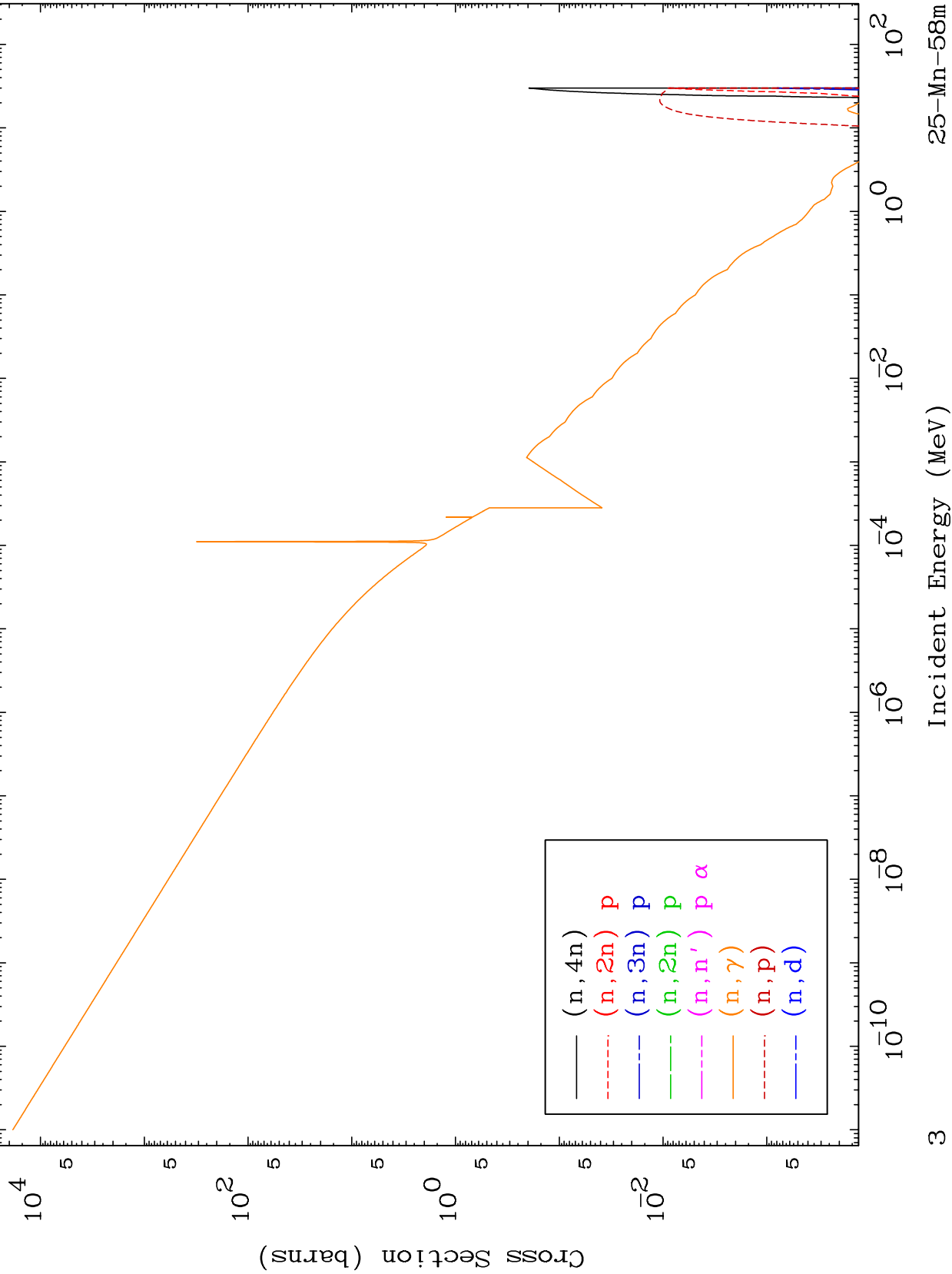
Incident Energy (MeV)

25-Mn-58m

MAT 2535

Neutron Absorption
293 Kelvin Cross Sections

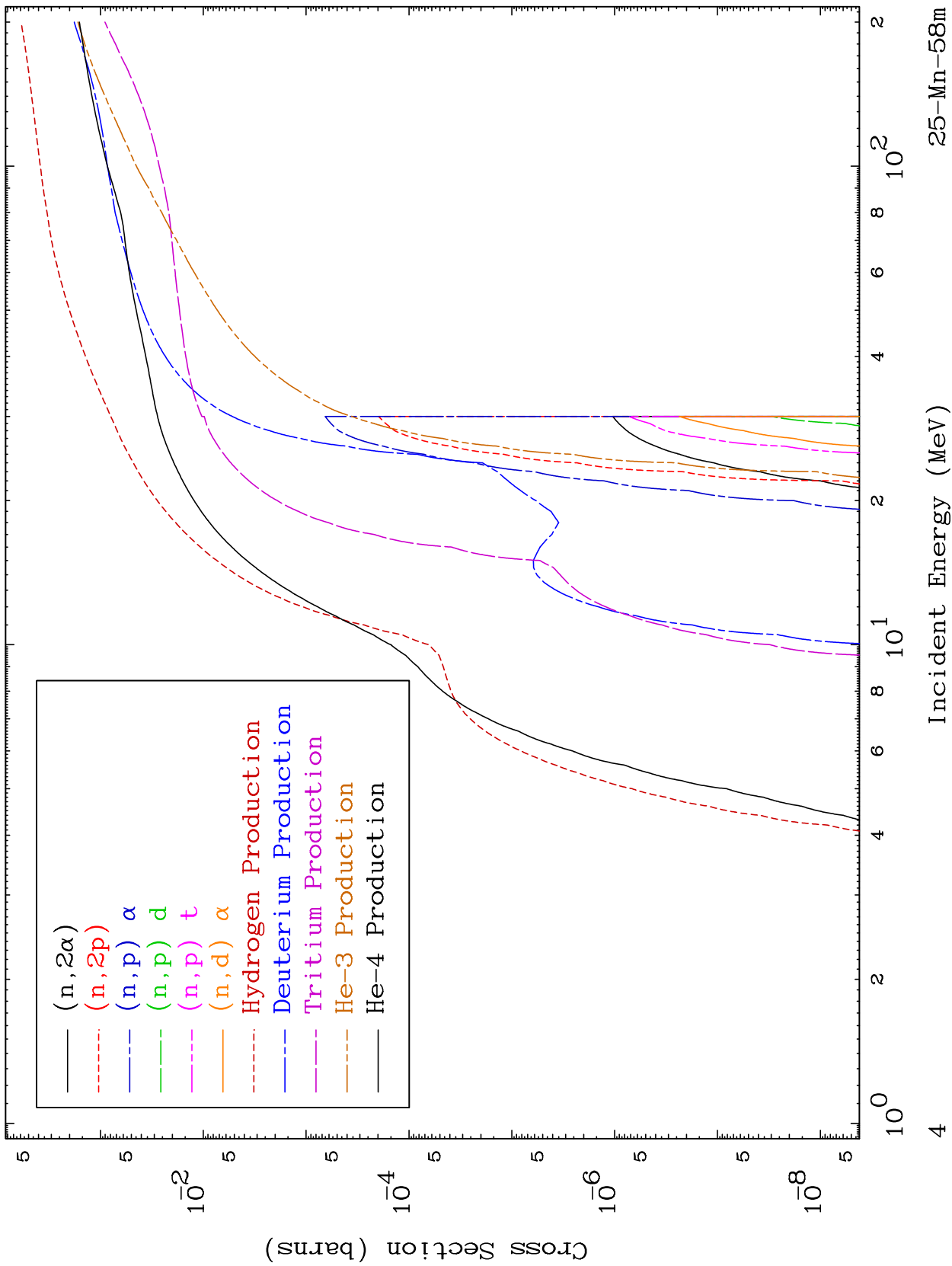
25-Mn-58m



MAT 2535

Neutron Absorption
293 Kelvin Cross Sections

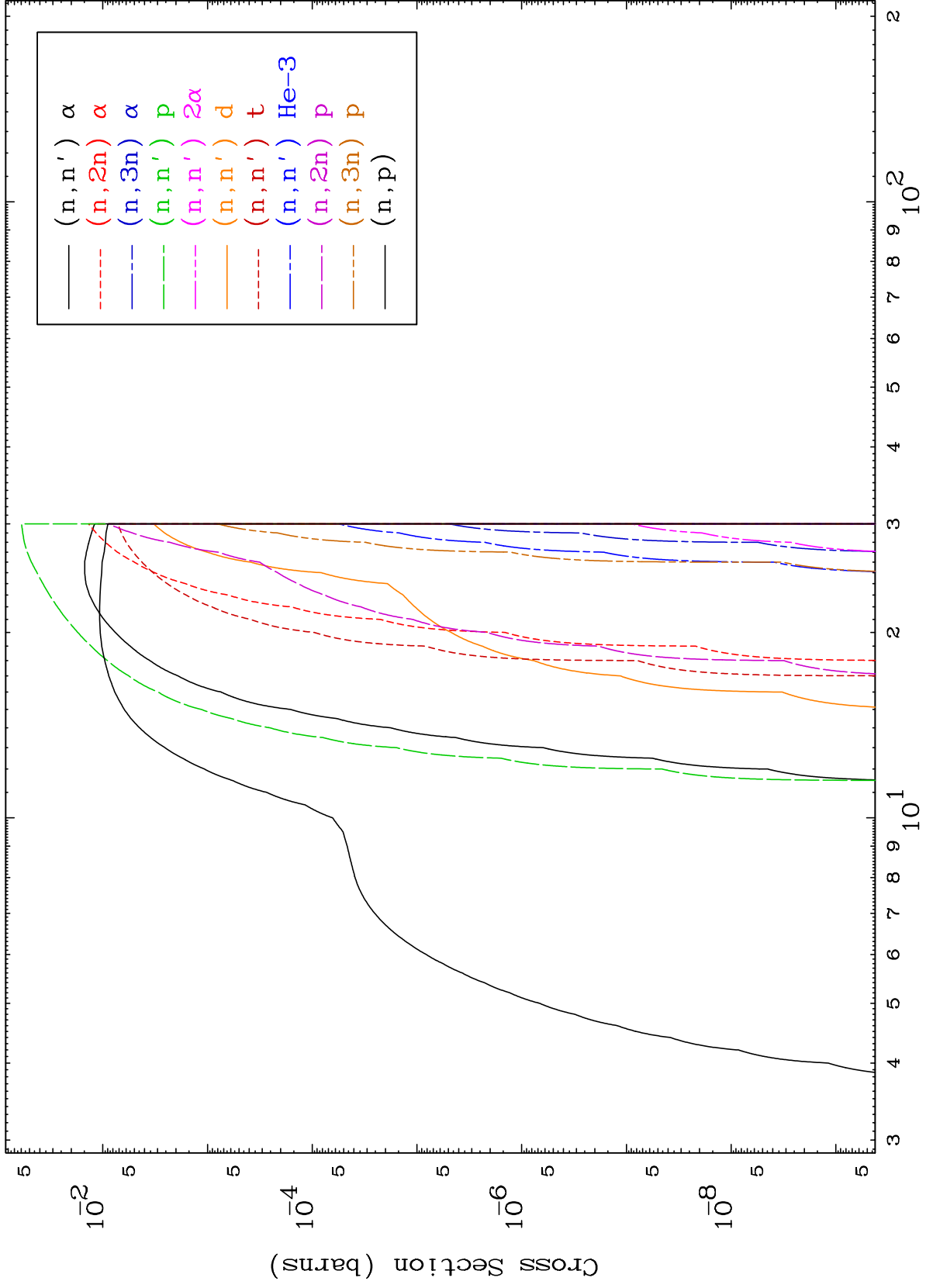
25-Mn-58m



MAT 2535

Charged Particle
293 Kelvin Cross Sections

25-Mn-58m



5

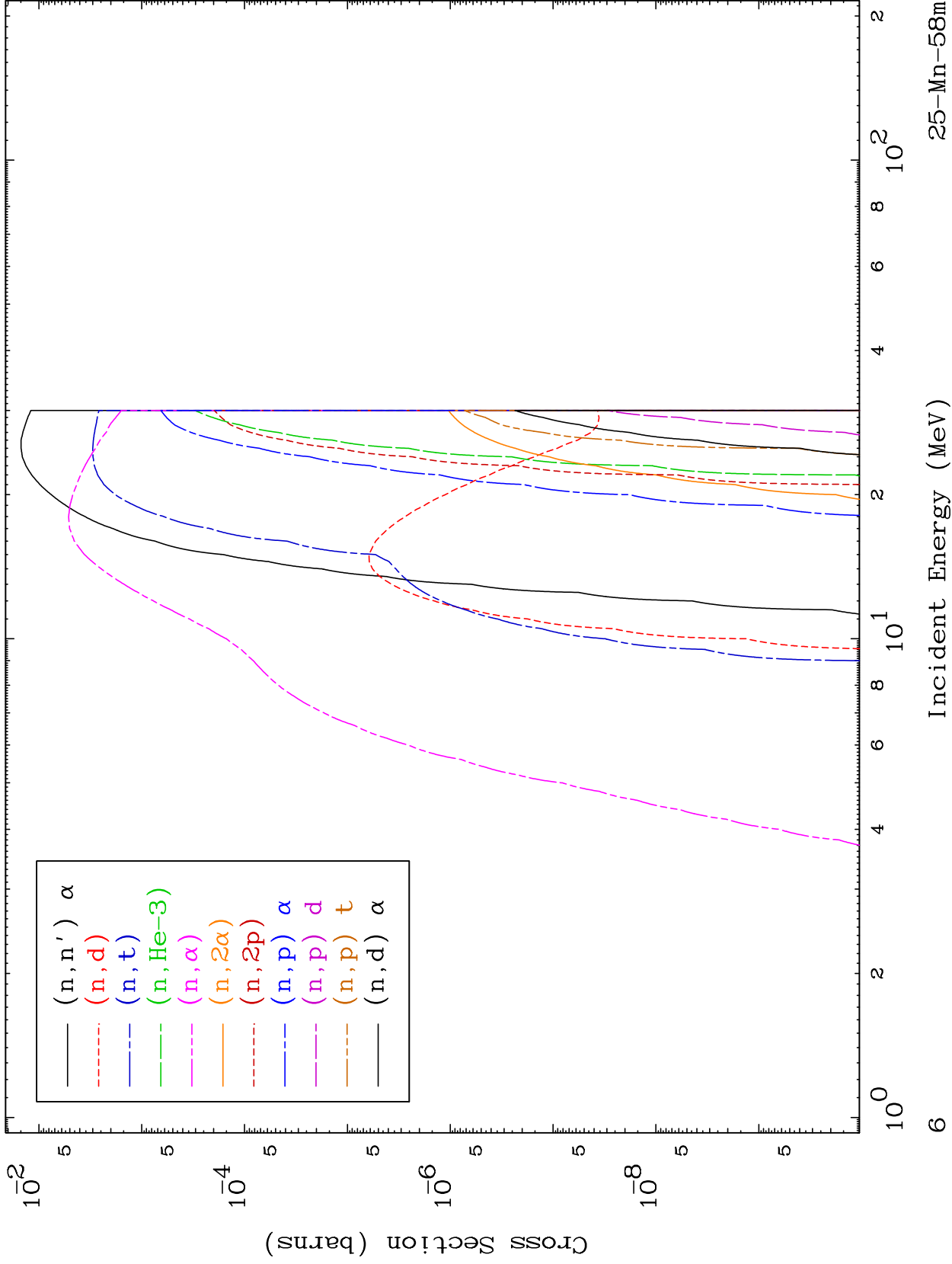
Incident Energy (MeV)

25-Mn-58m

MAT 2535

Charged Particle
293 Kelvin Cross Sections

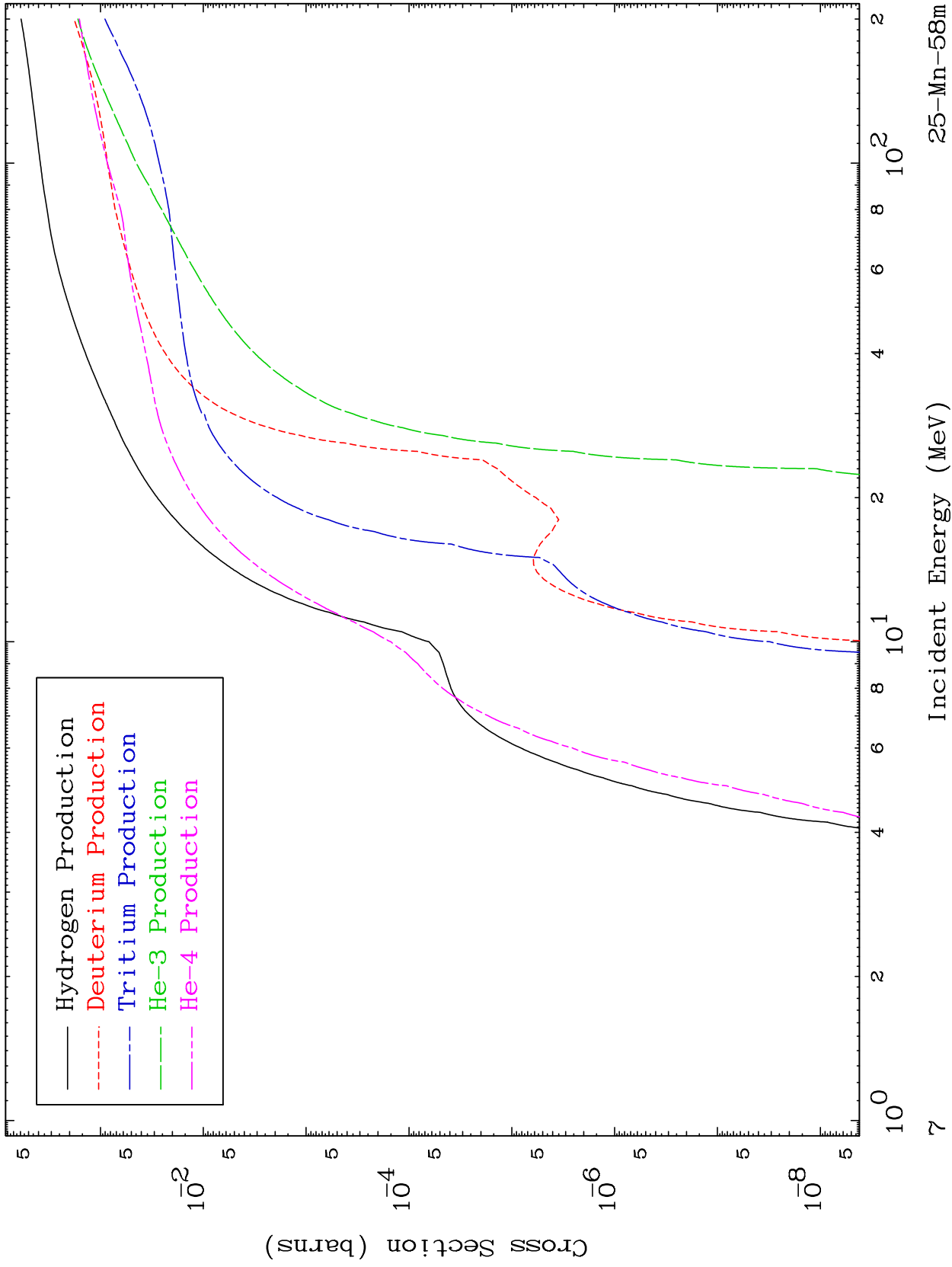
25-Mn-58m



MAT 2535

Particle Production
293 Kelvin Cross Sections

25-Mn-58m



25-Mn-58m

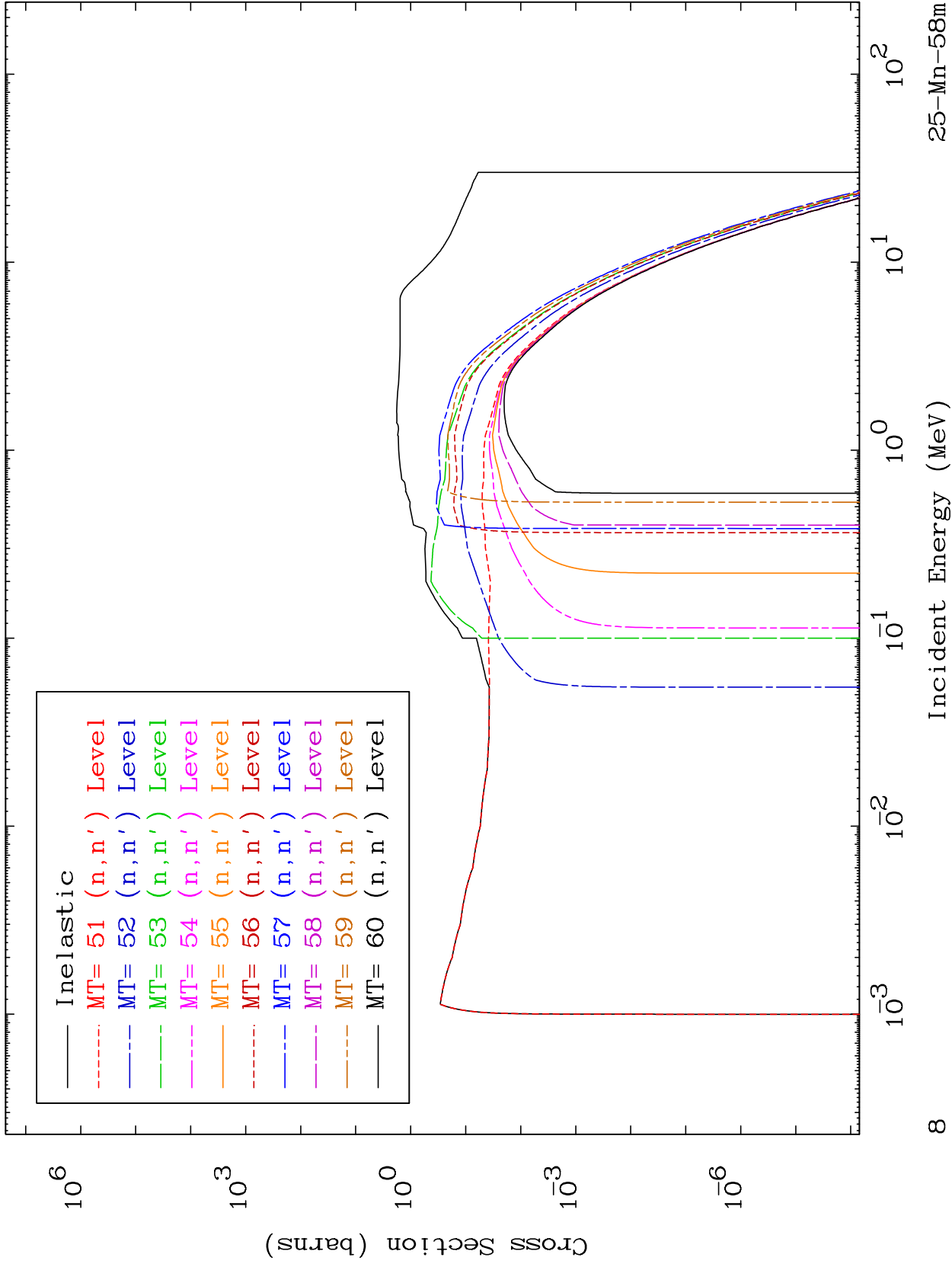
Incident Energy (MeV)

7

MAT 2535

(n,n') Levels
293 Kelvin Cross Sections

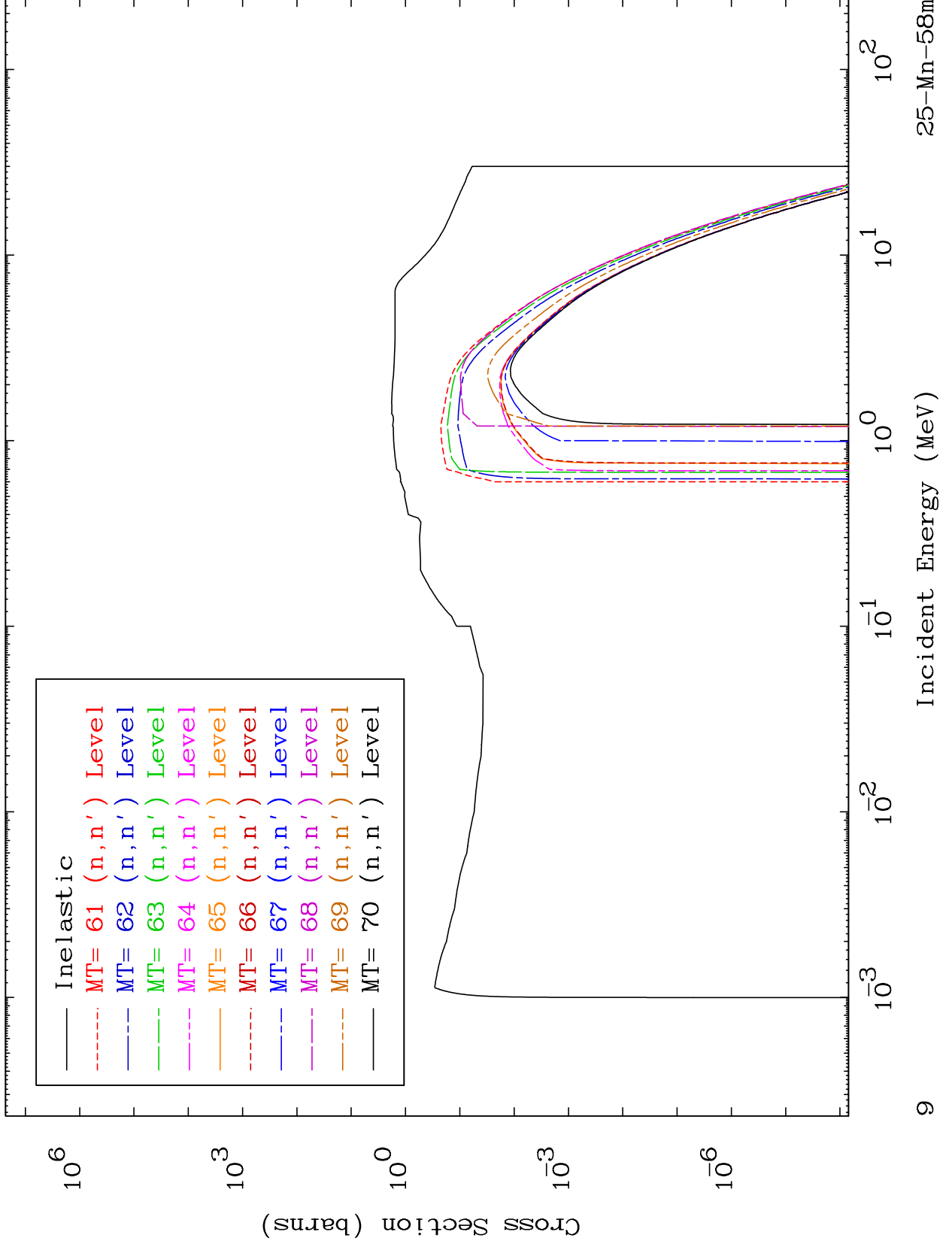
25-Mn-58m



MAT 2535

(n,n') Levels
293 Kelvin Cross Sections

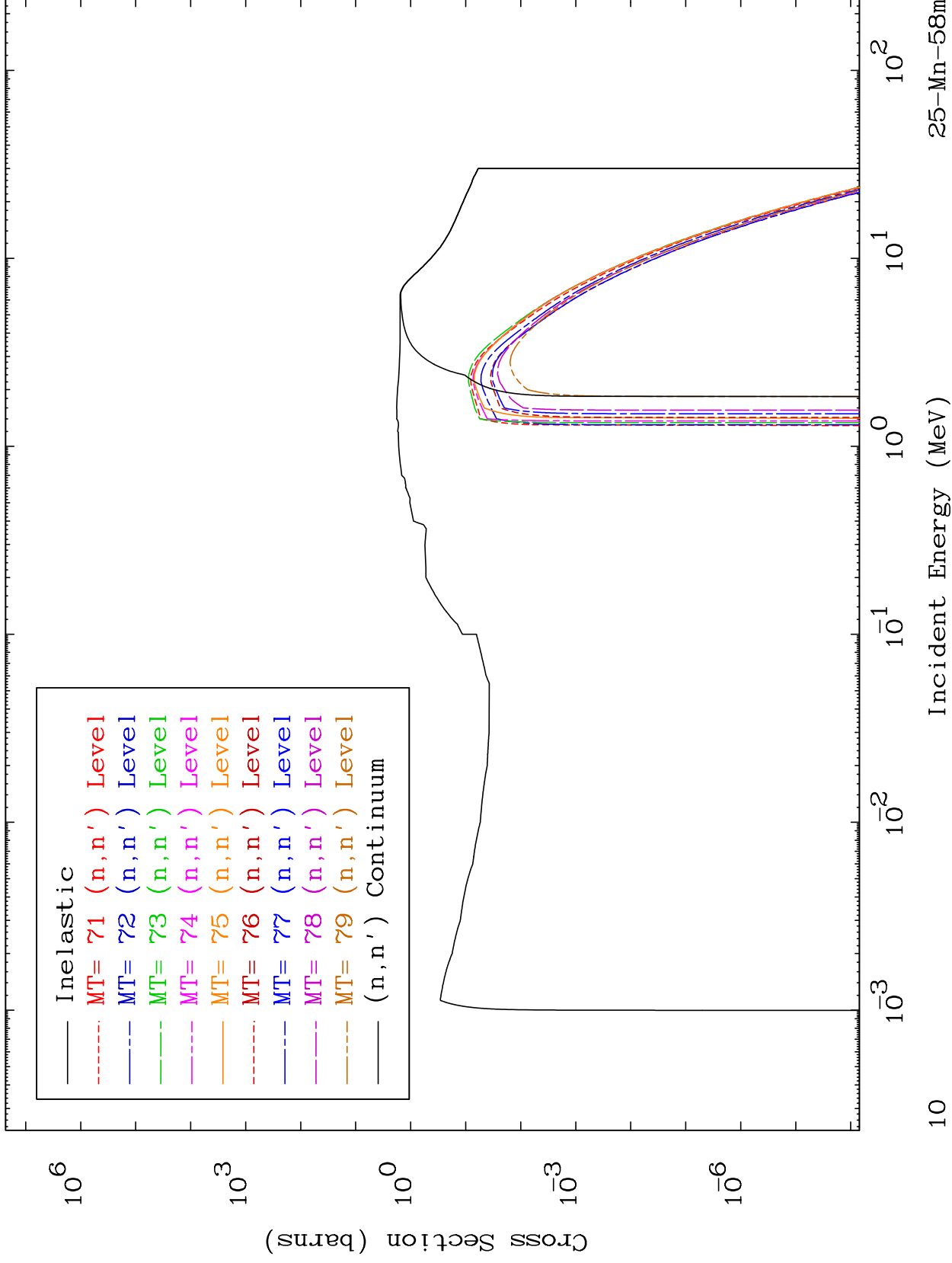
25-Mn-58m



MAT 2535

(n,n') Levels
293 Kelvin Cross Sections

25-Mn-58m



25-Mn-58m

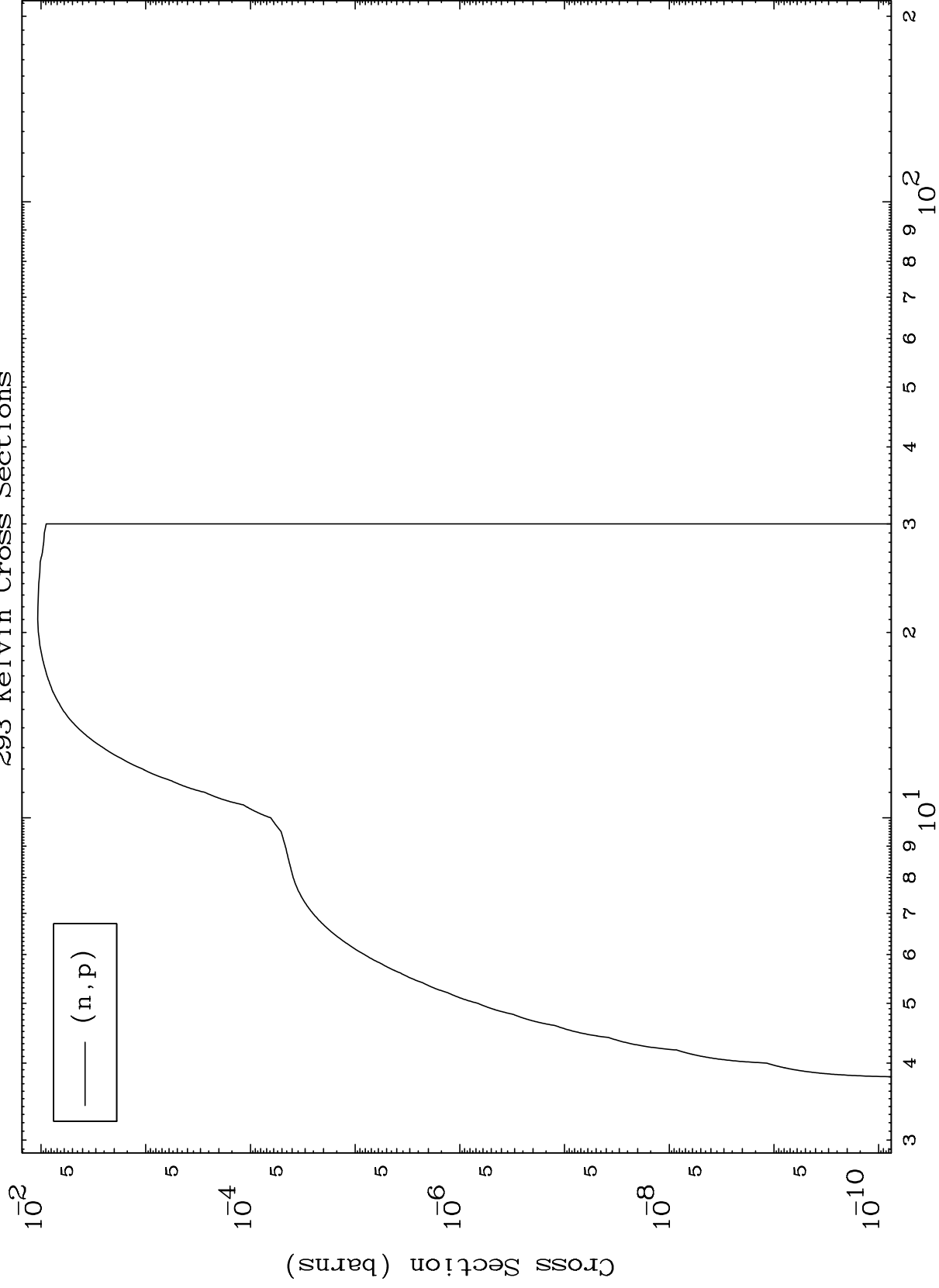
Incident Energy (MeV)

10

MAT 2535

(n,p) Levels
293 Kelvin Cross Sections

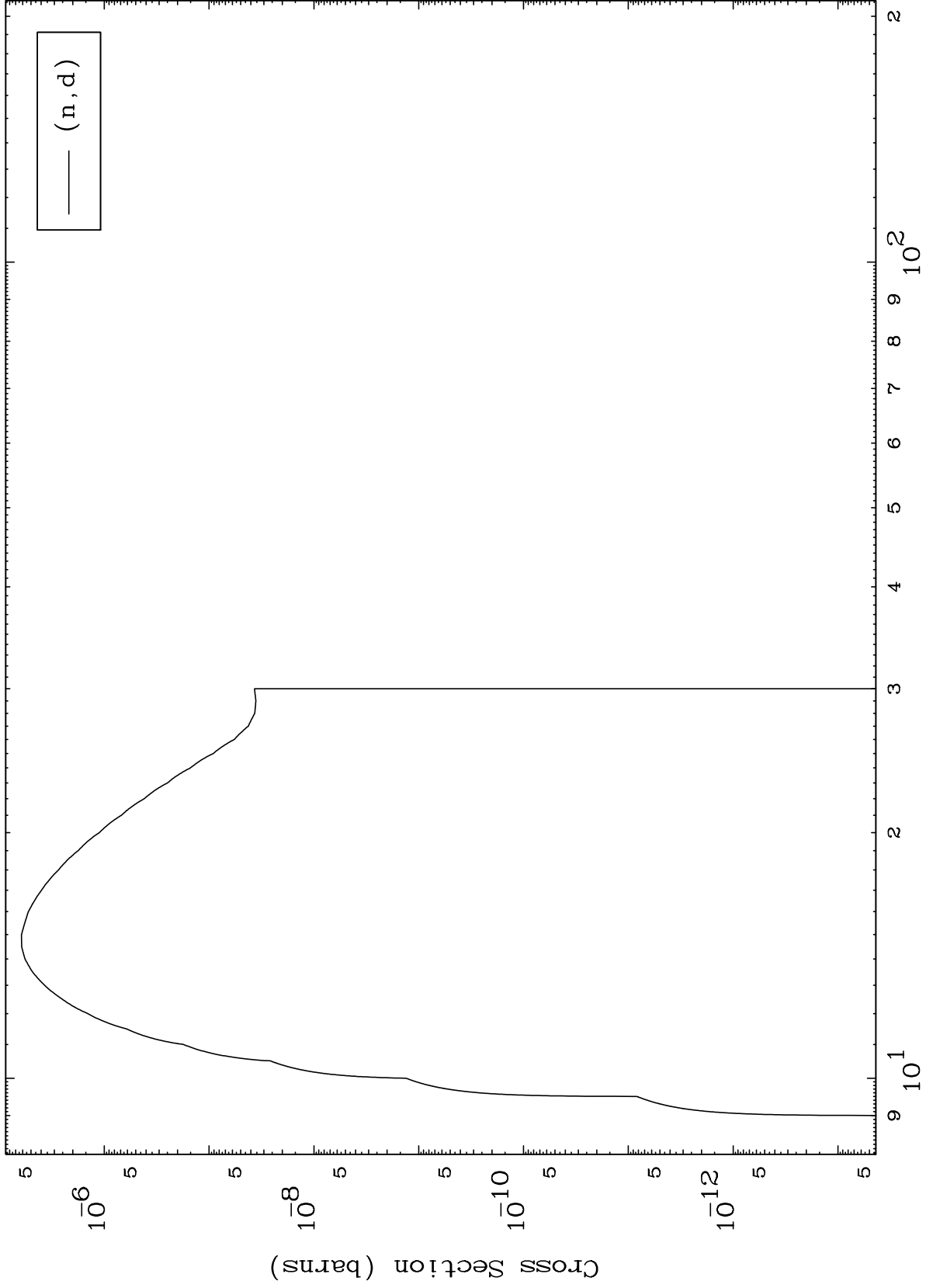
25-Mn-58m



MAT 2535

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-58m



12

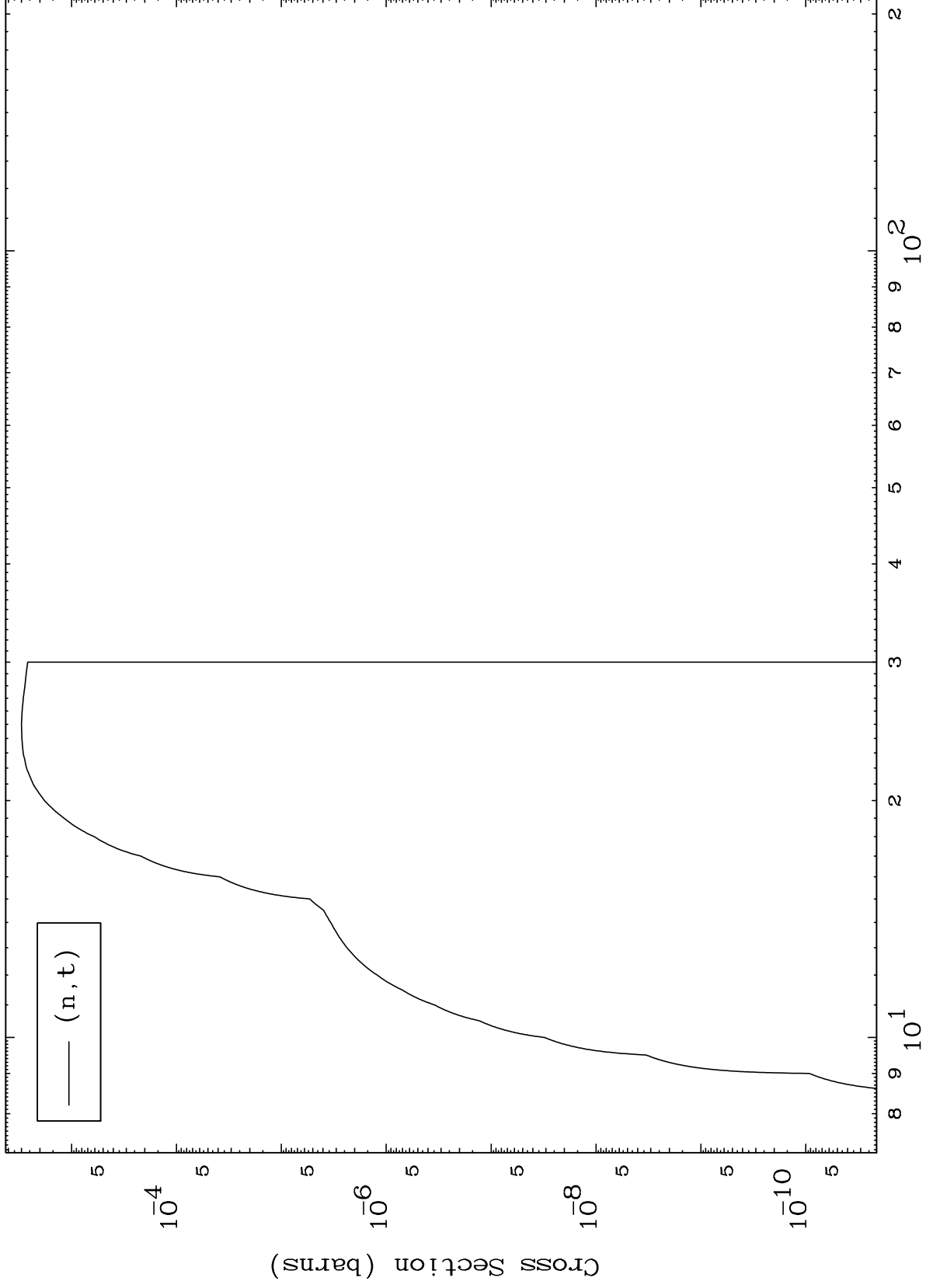
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n,t) Levels
293 Kelvin Cross Sections

25-Mn-58m



13

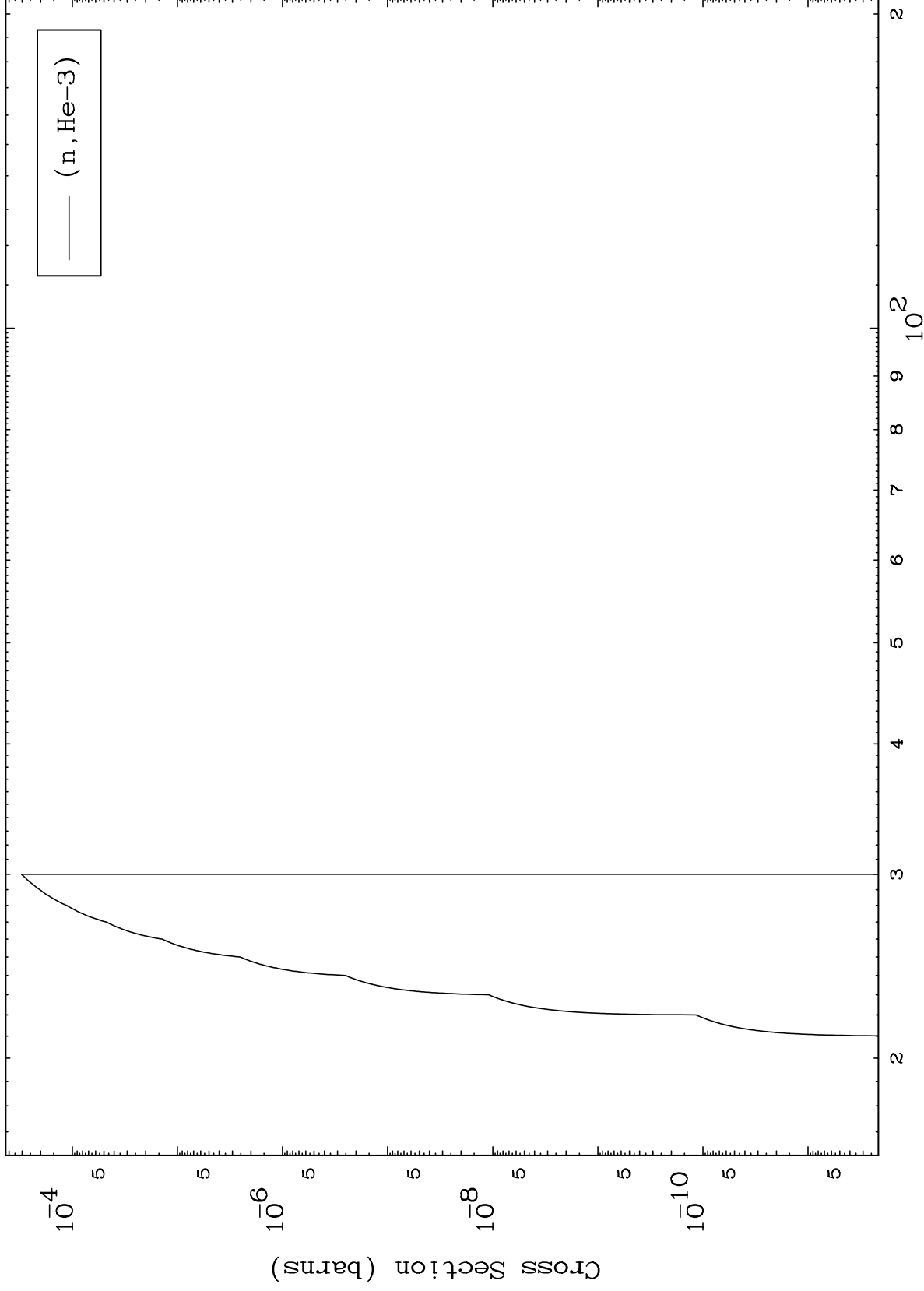
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n,He3) Levels
293 Kelvin Cross Sections

25-Mn-58m



14

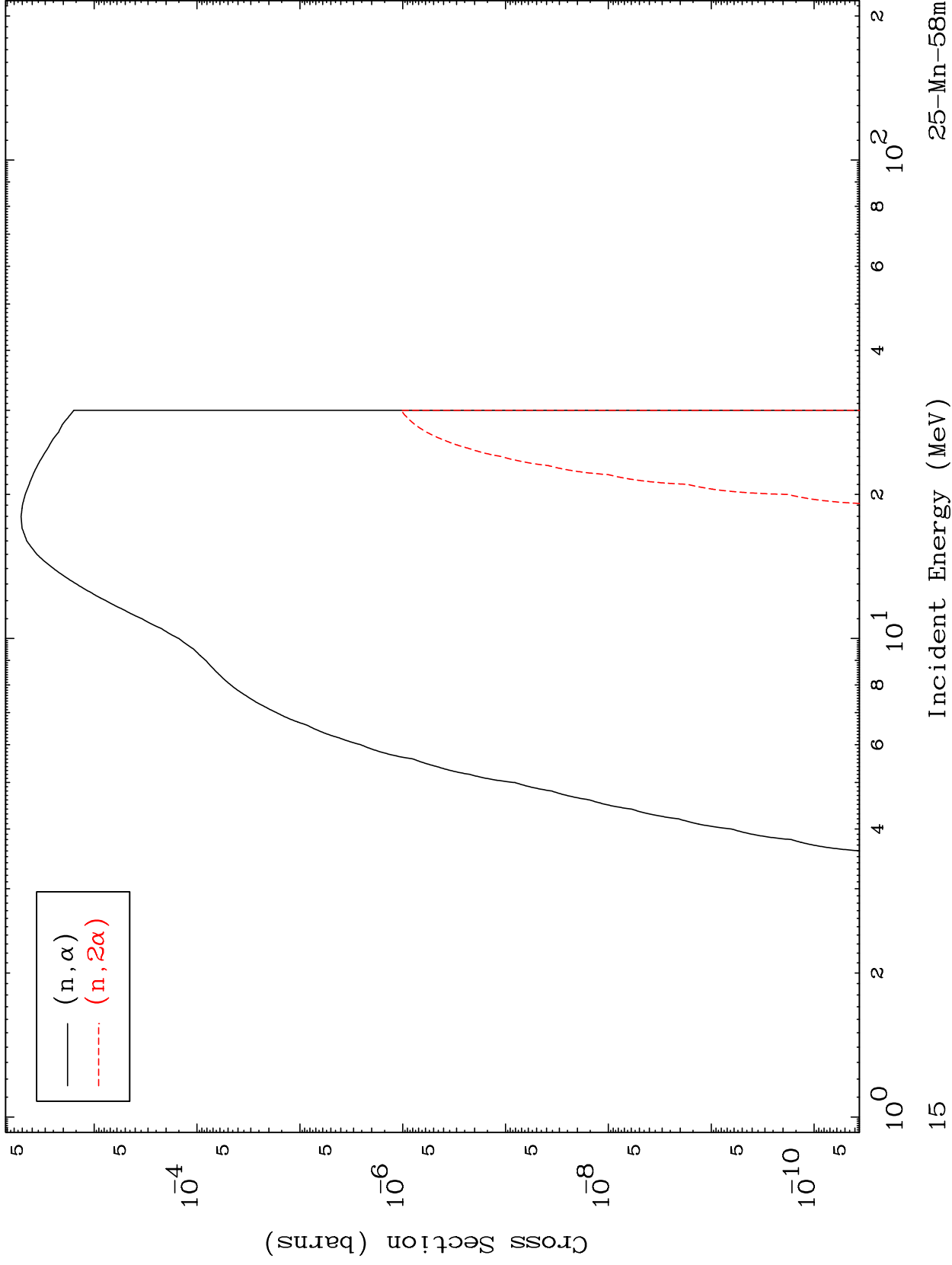
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n, α) Levels
293 Kelvin Cross Sections

25-Mn-58m



25-Mn-58m

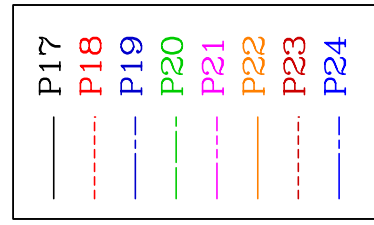
Incident Energy (MeV)

15

MAT 2535

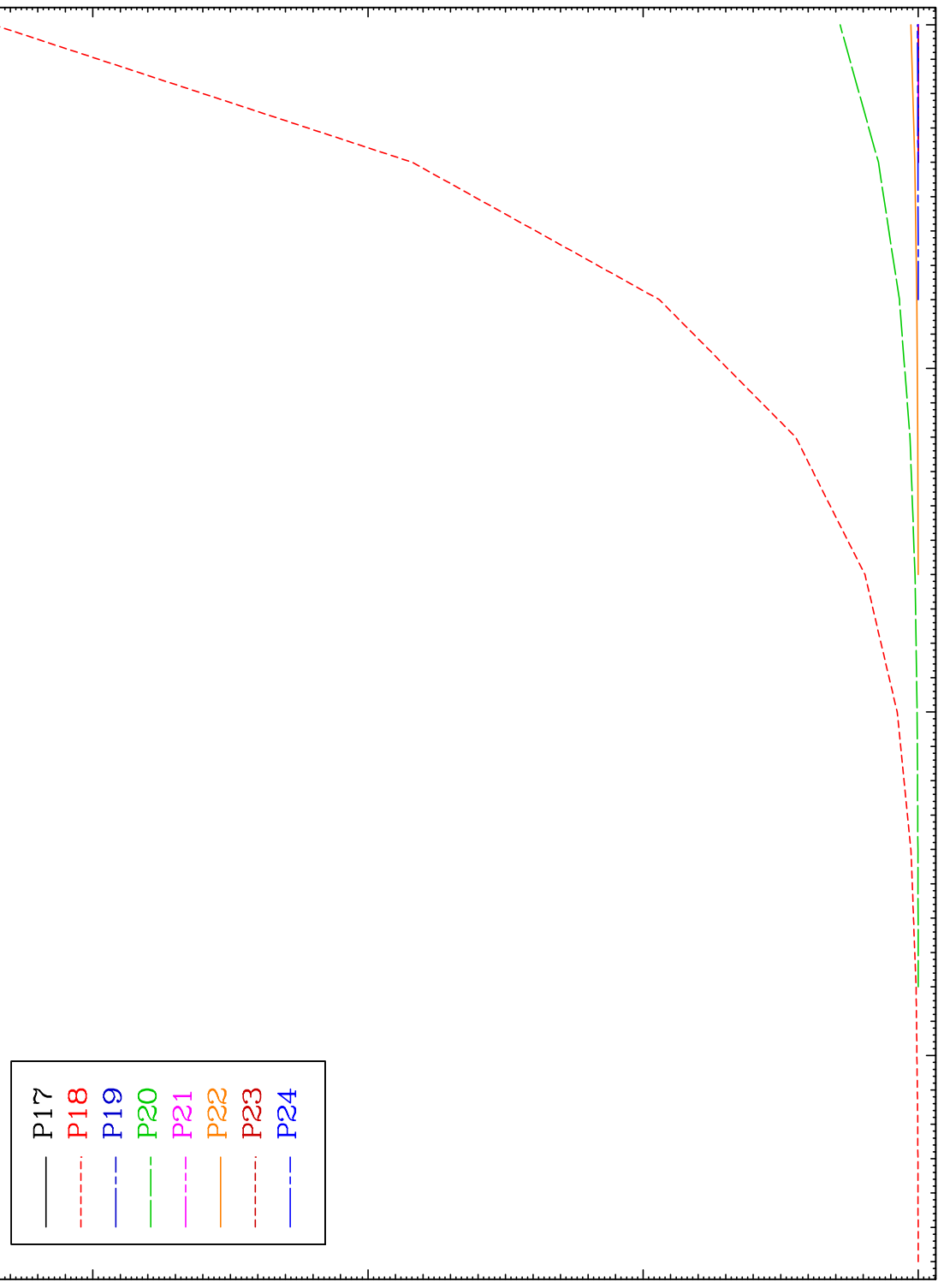
Elastic
Legendre Coefficients

25-Mn-58m



$\times 10^{-7}$

Legendre (CM)



18

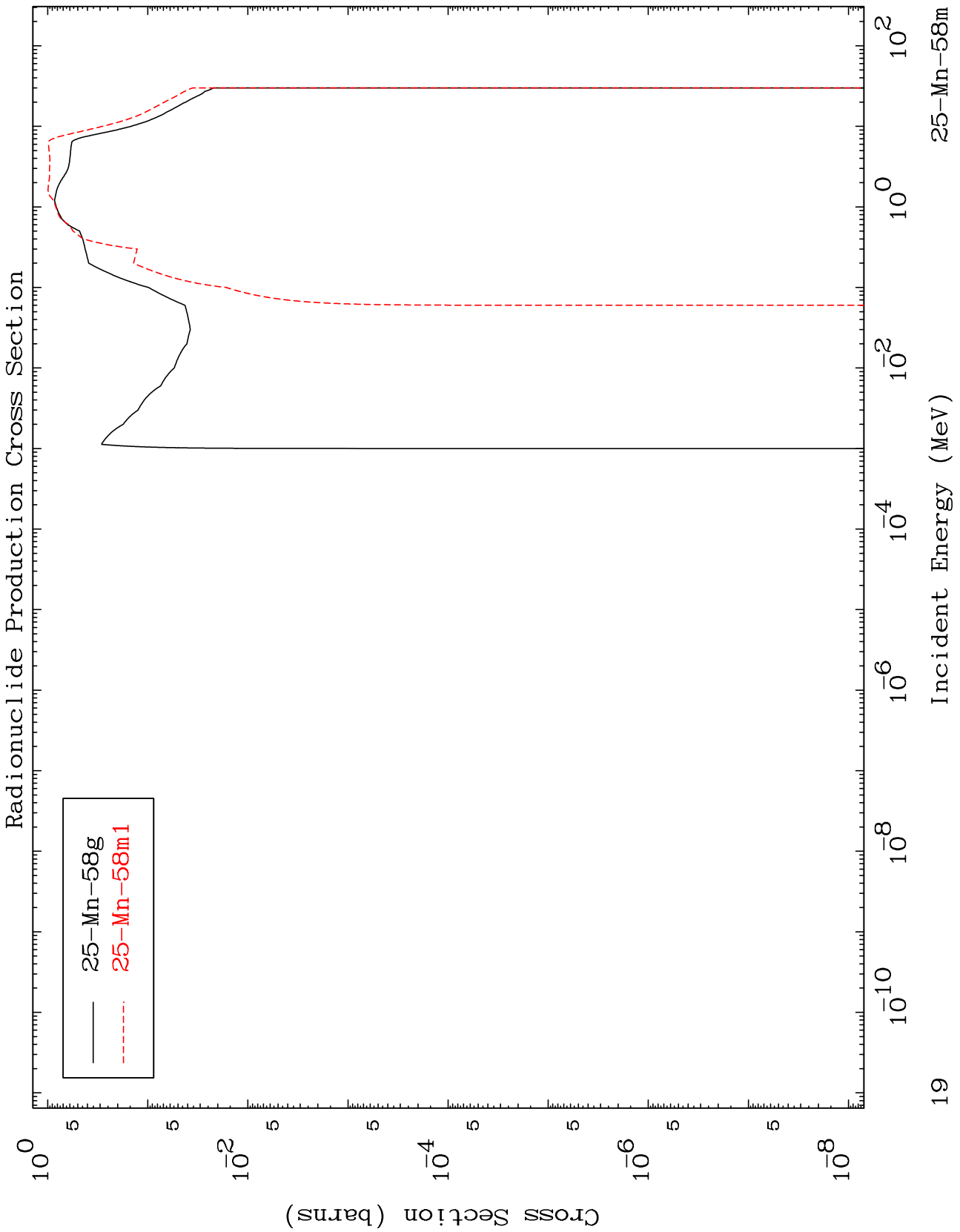
Incident Energy (MeV)

25-Mn-58m

MAT 2535

Inelastic

25-Mn-58m

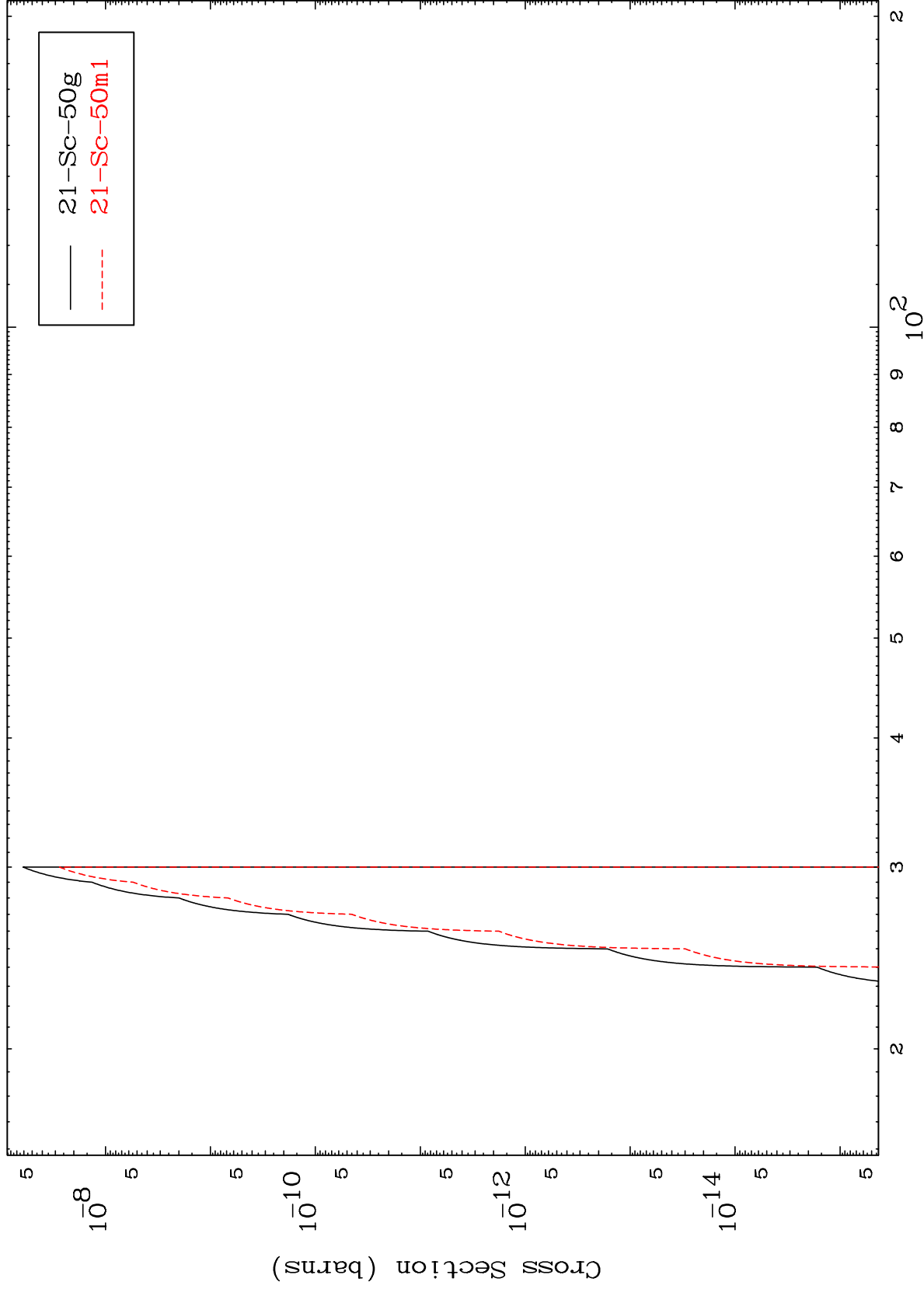


MAT 2535

(n,n') 2α

25-Mn-58m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

25-Mn-58m