

Program EVALPLOT  
(Version 2021-1)

by

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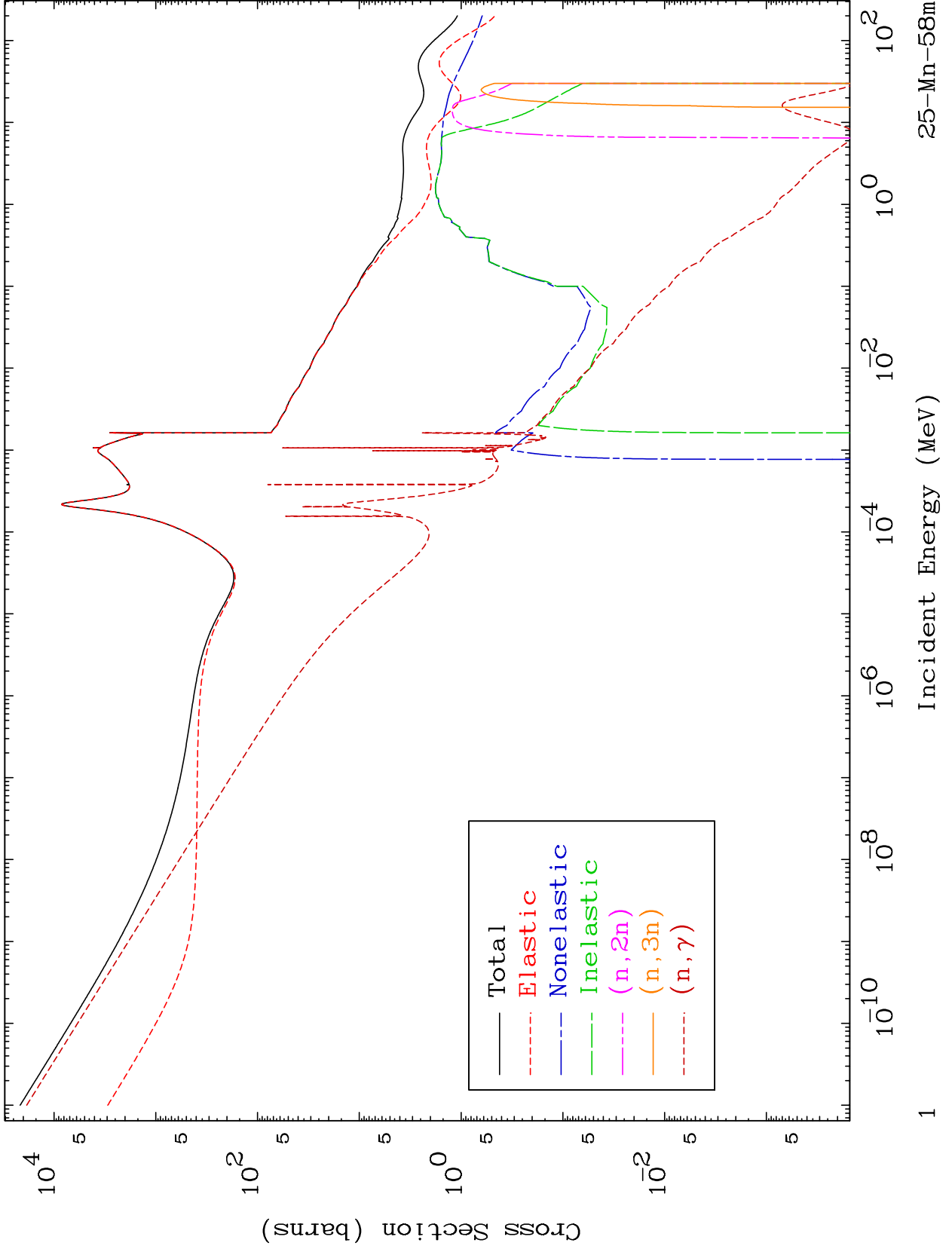
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2535

Neutron Major  
293 Kelvin Cross Sections

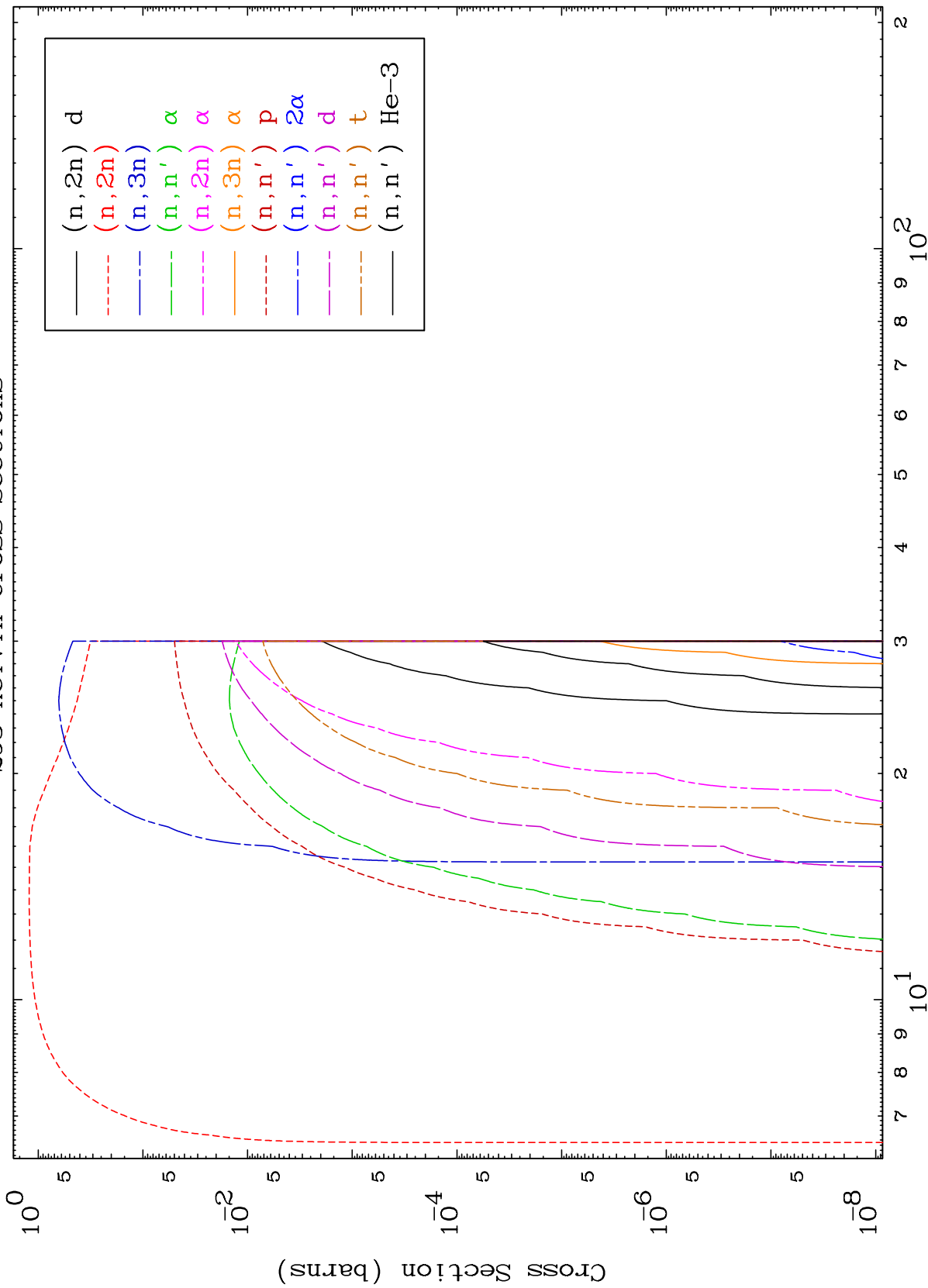
25-Mn-58m



MAT 2535

Neutron Absorption  
293 Kelvin Cross Sections

25-Mn-58m



2

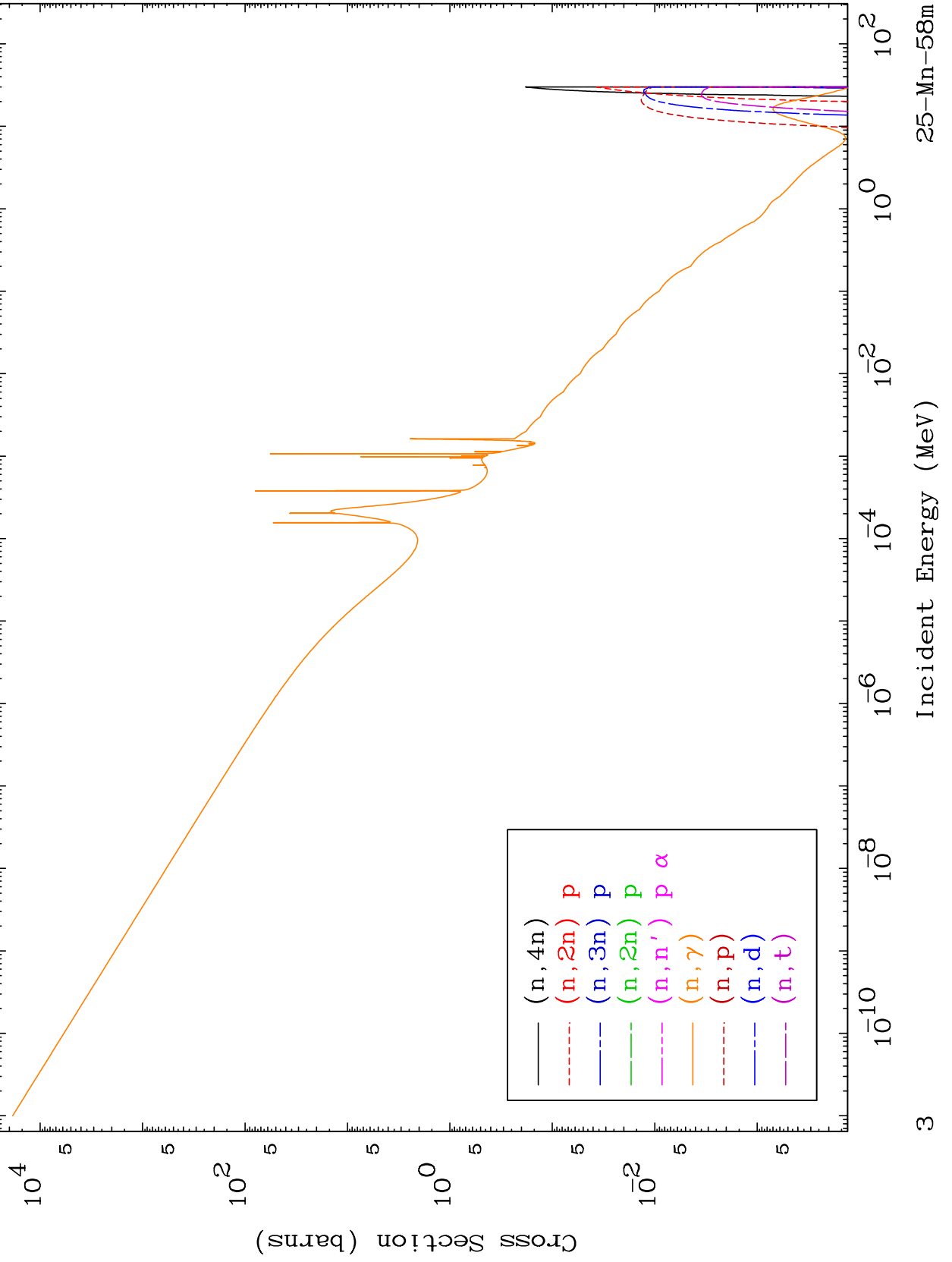
Incident Energy (MeV)

25-Mn-58m

MAT 2535

Neutron Absorption  
293 Kelvin Cross Sections

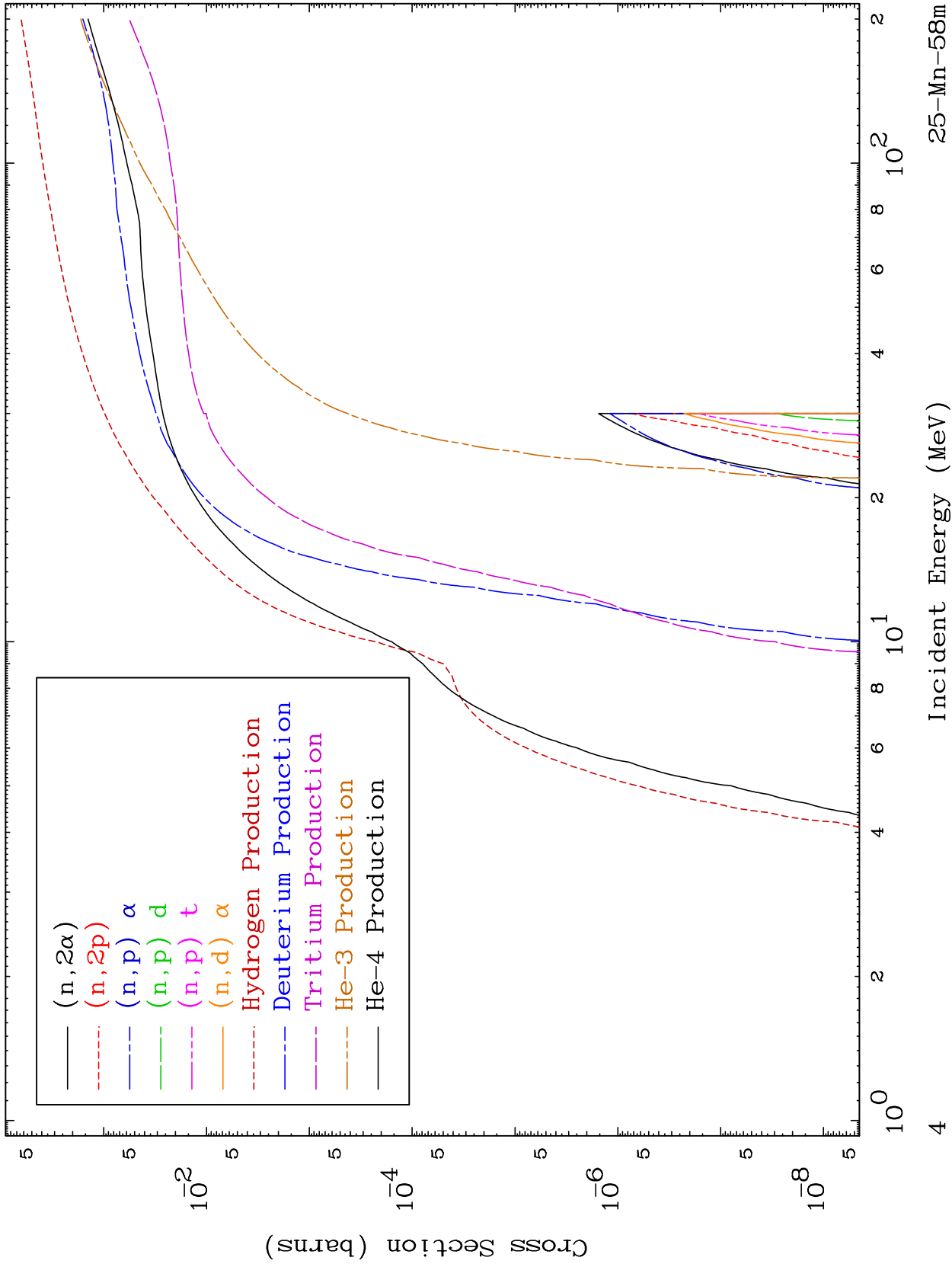
25-Mn-58m



MAT 2535

Neutron Absorption  
293 Kelvin Cross Sections

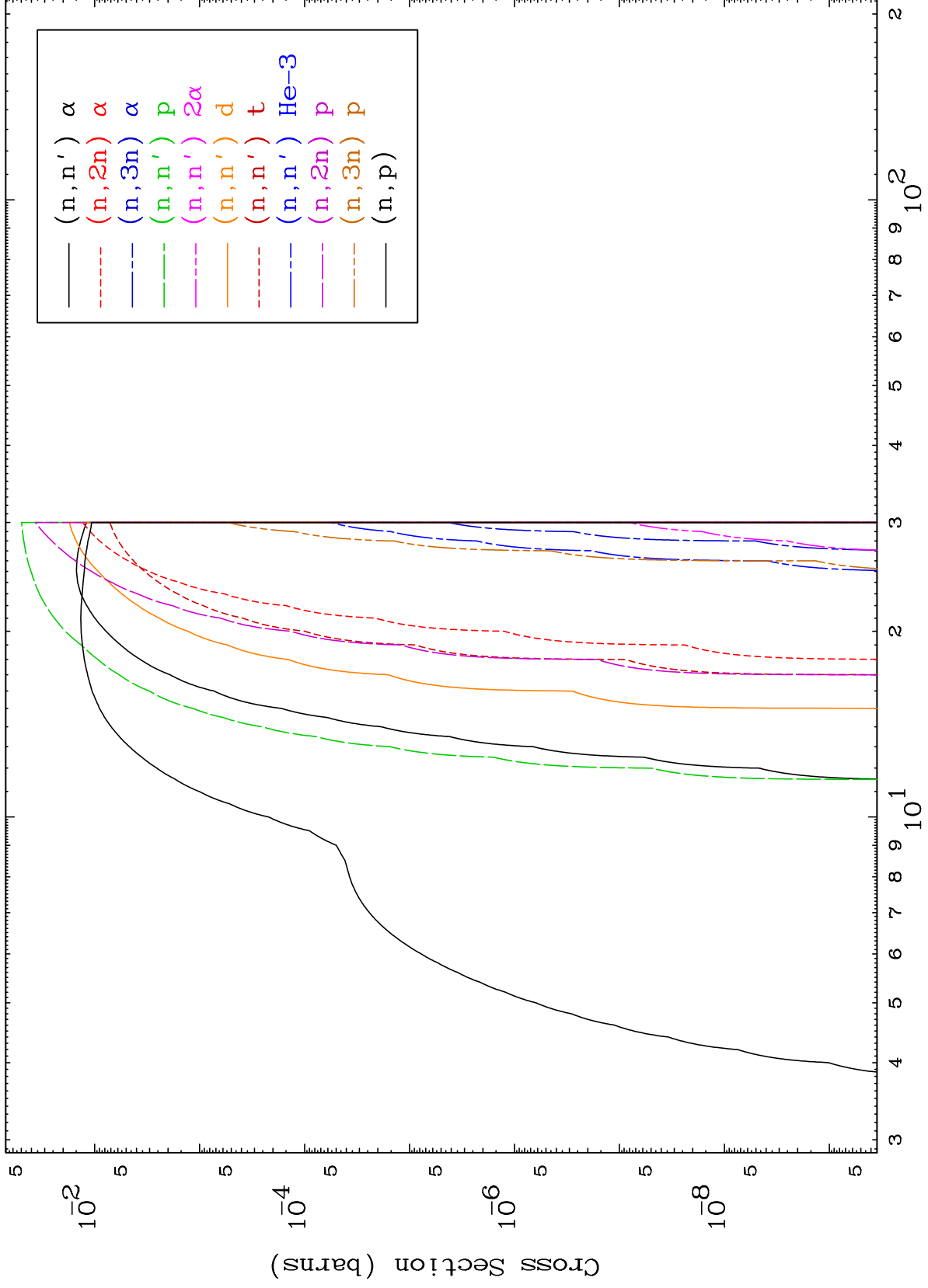
25-Mn-58m



MAT 2535

Charged Particle  
293 Kelvin Cross Sections

25-Mn-58m



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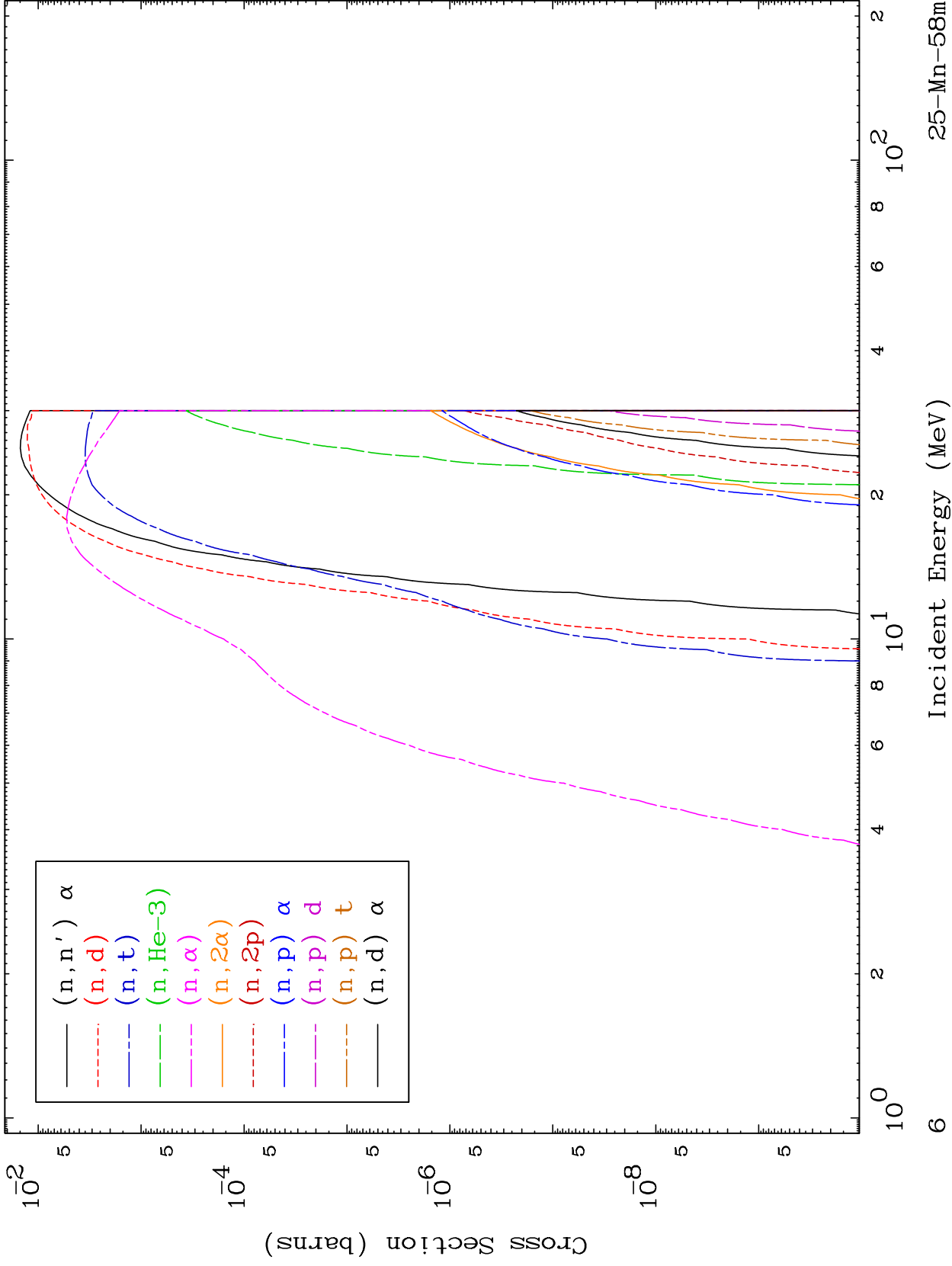
Incident Energy (MeV)

25-Mn-58m

MAT 2535

Charged Particle  
293 Kelvin Cross Sections

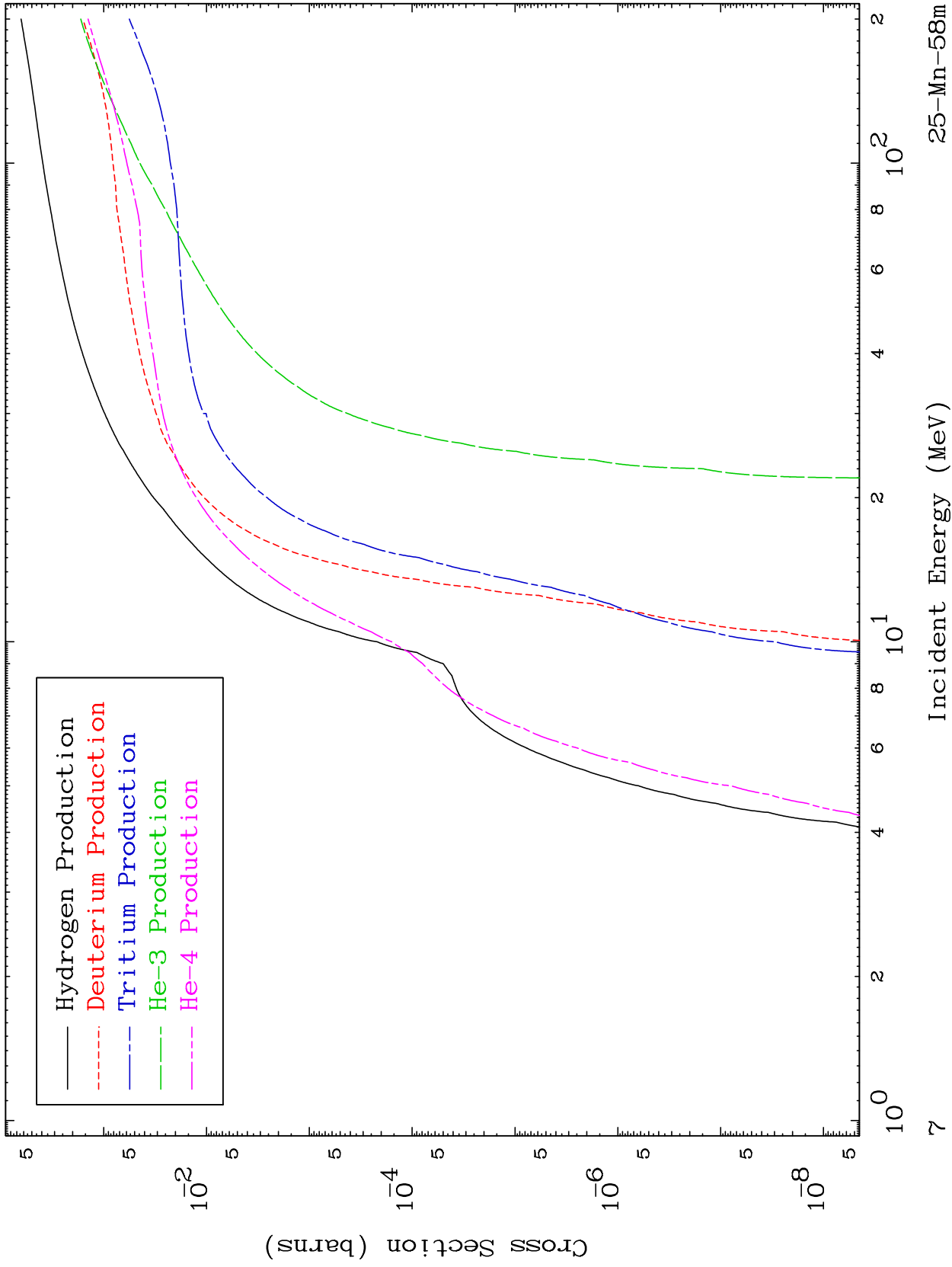
25-Mn-58m



MAT 2535

Particle Production  
293 Kelvin Cross Sections

25-Mn-58m



25-Mn-58m

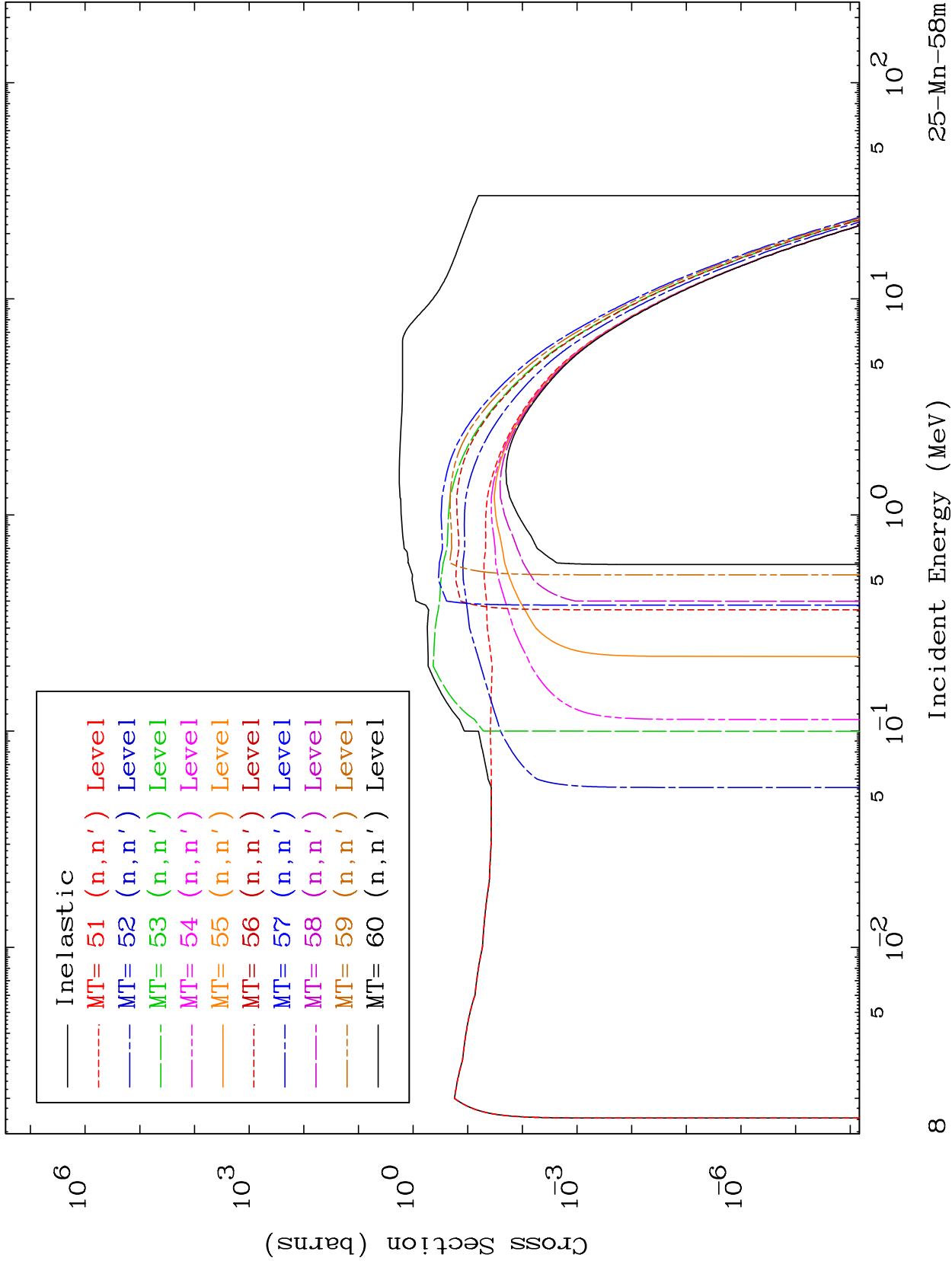
Incident Energy (MeV)

7

MAT 2535

(n,n') Levels  
293 Kelvin Cross Sections

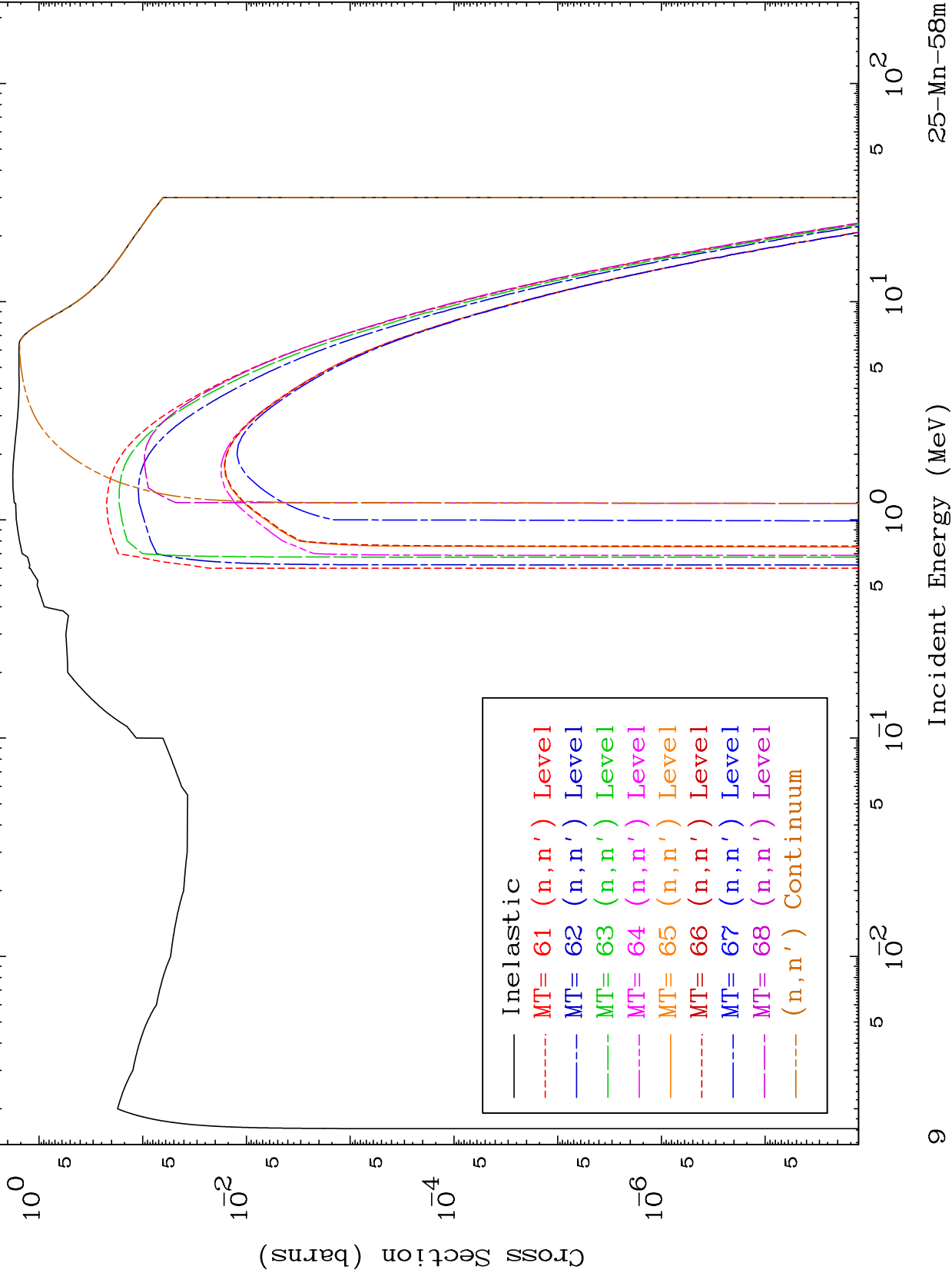
25-Mn-58m



MAT 2535

293 Kelvin Cross Sections  
(n,n') Levels

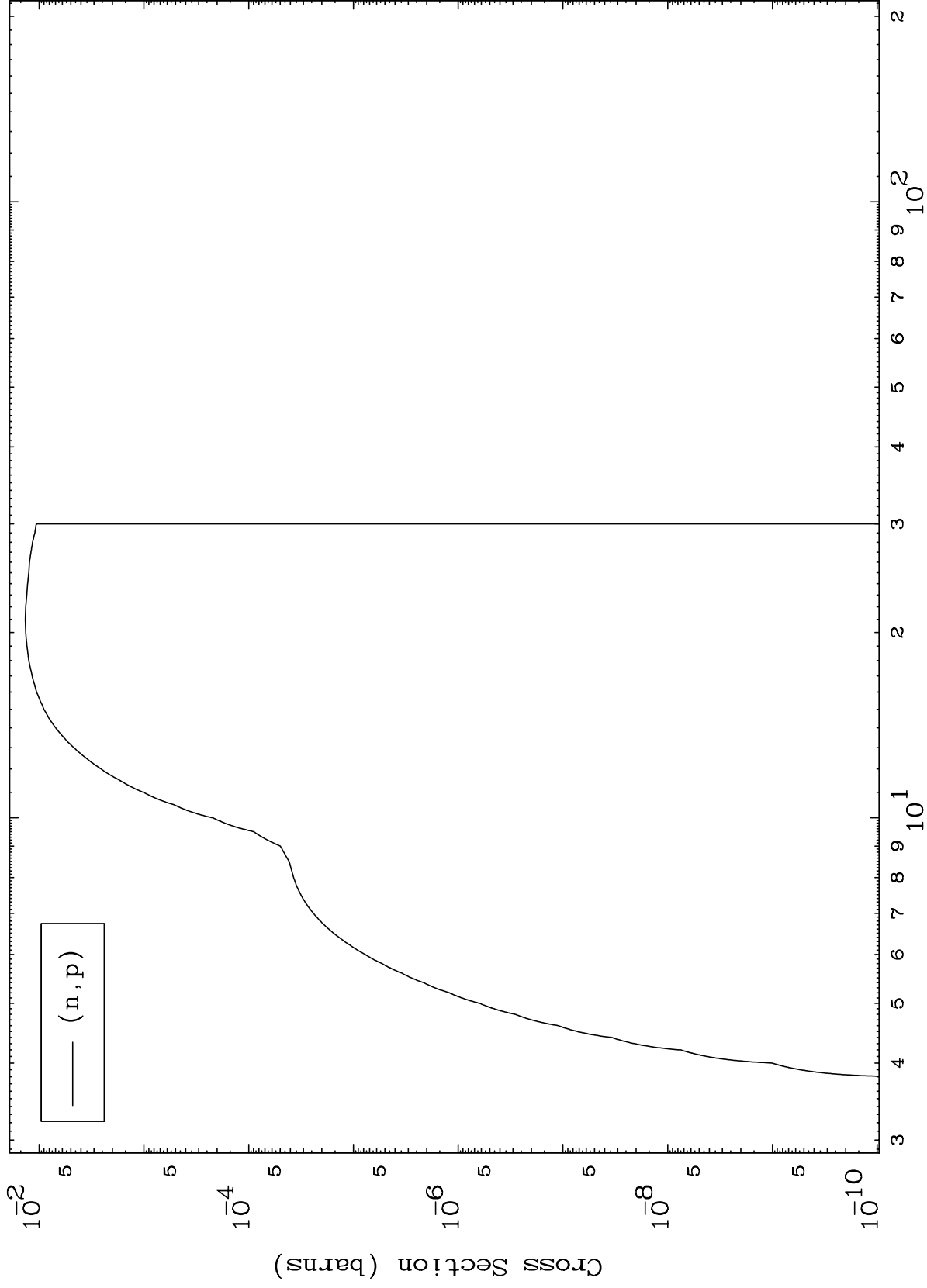
25-Mn-58m



MAT 2535

(n,p) Levels  
293 Kelvin Cross Sections

25-Mn-58m



10

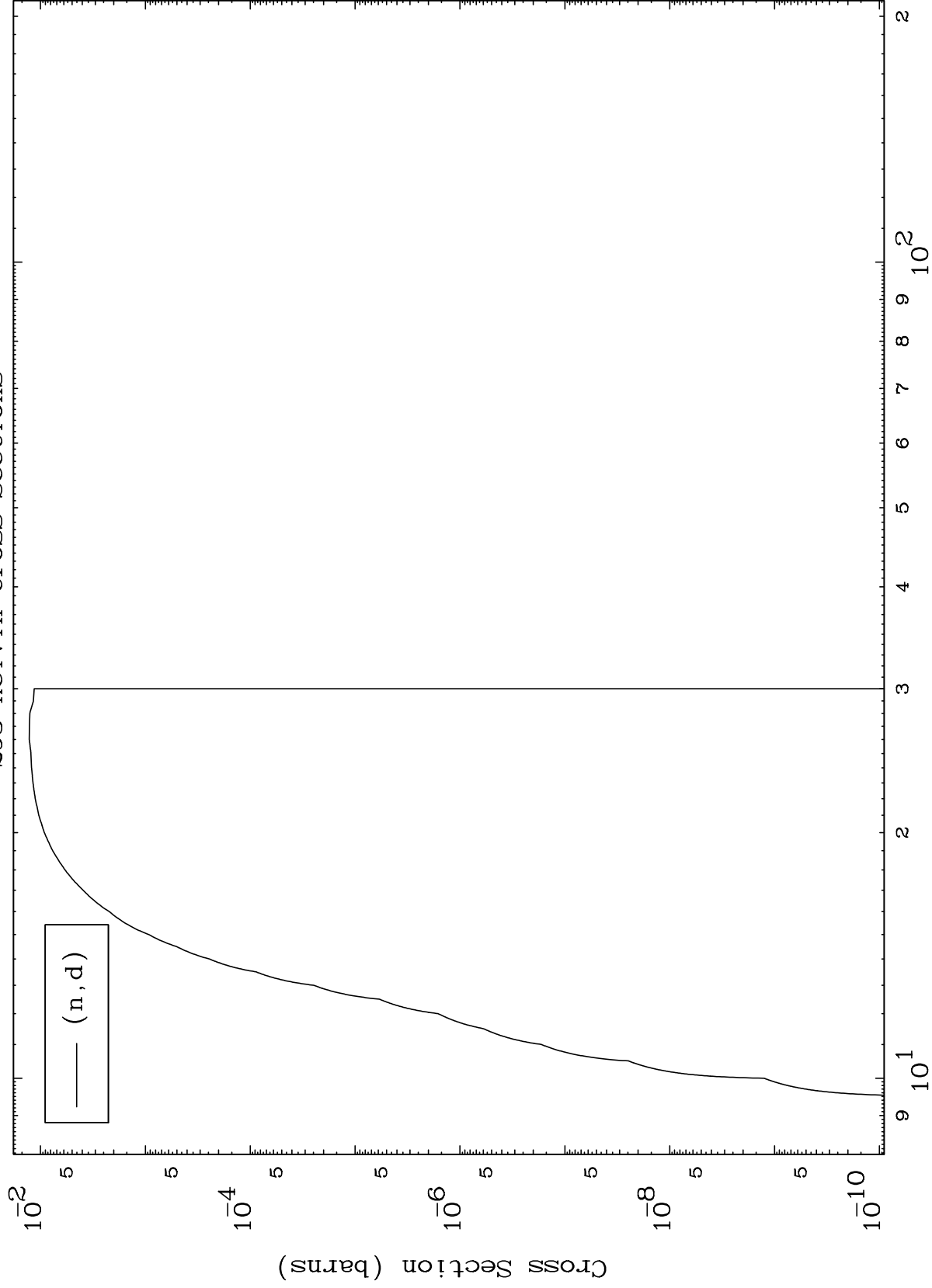
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n,d) Levels  
293 Kelvin Cross Sections

25-Mn-58m



11

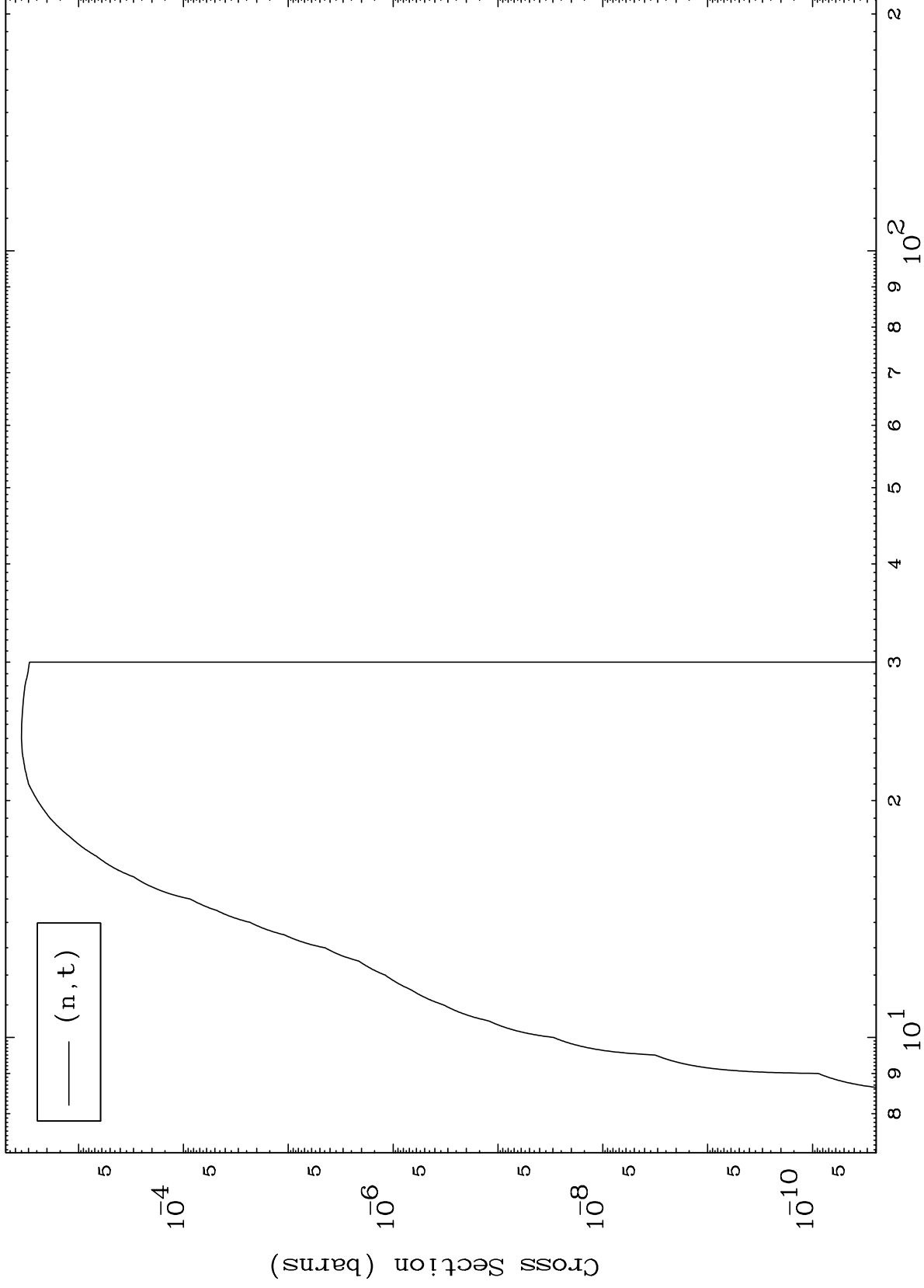
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n,t) Levels  
293 Kelvin Cross Sections

25-Mn-58m



12

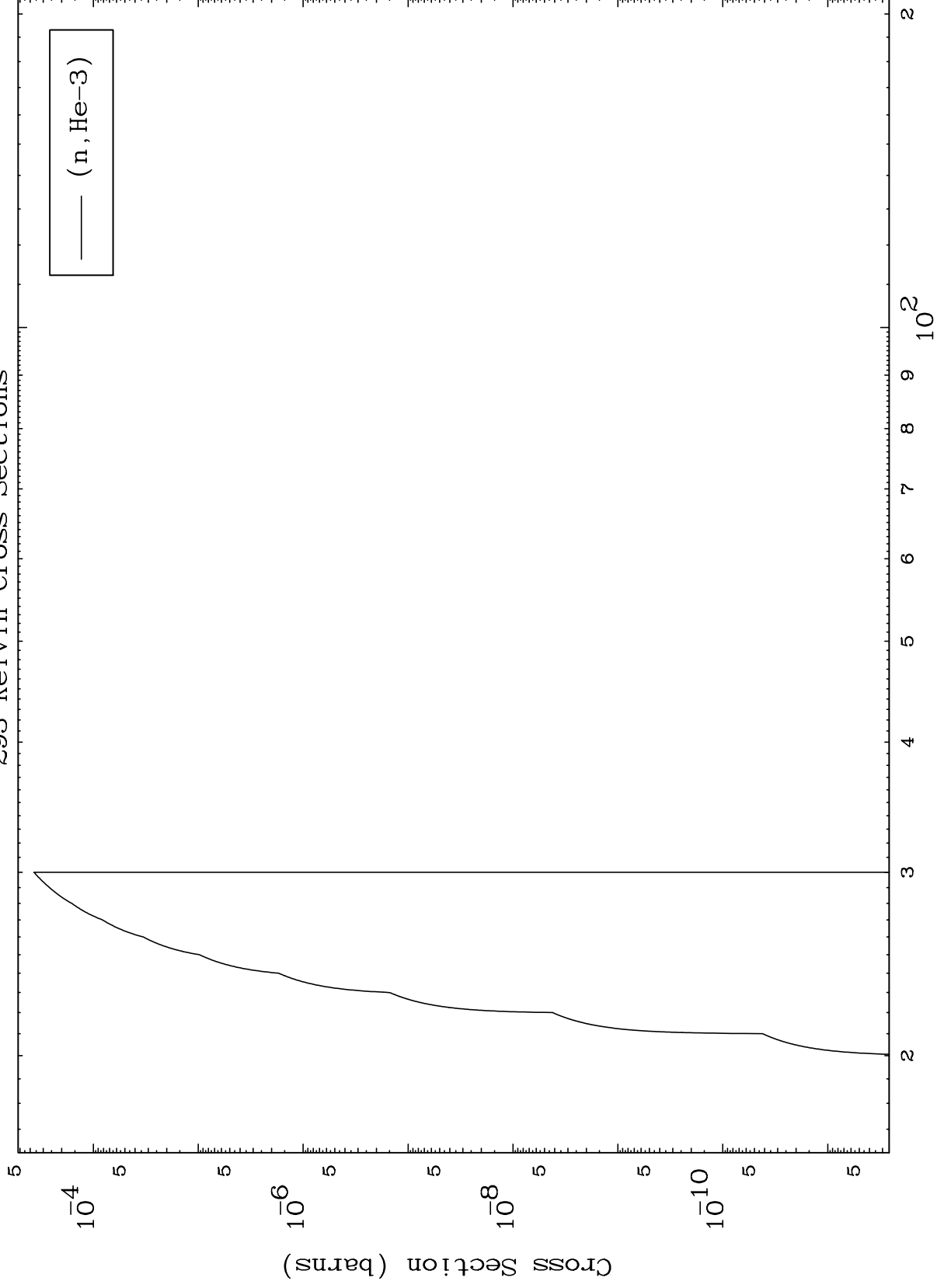
Incident Energy (MeV)

25-Mn-58m

MAT 2535

(n,He3) Levels  
293 Kelvin Cross Sections

25-Mn-58m



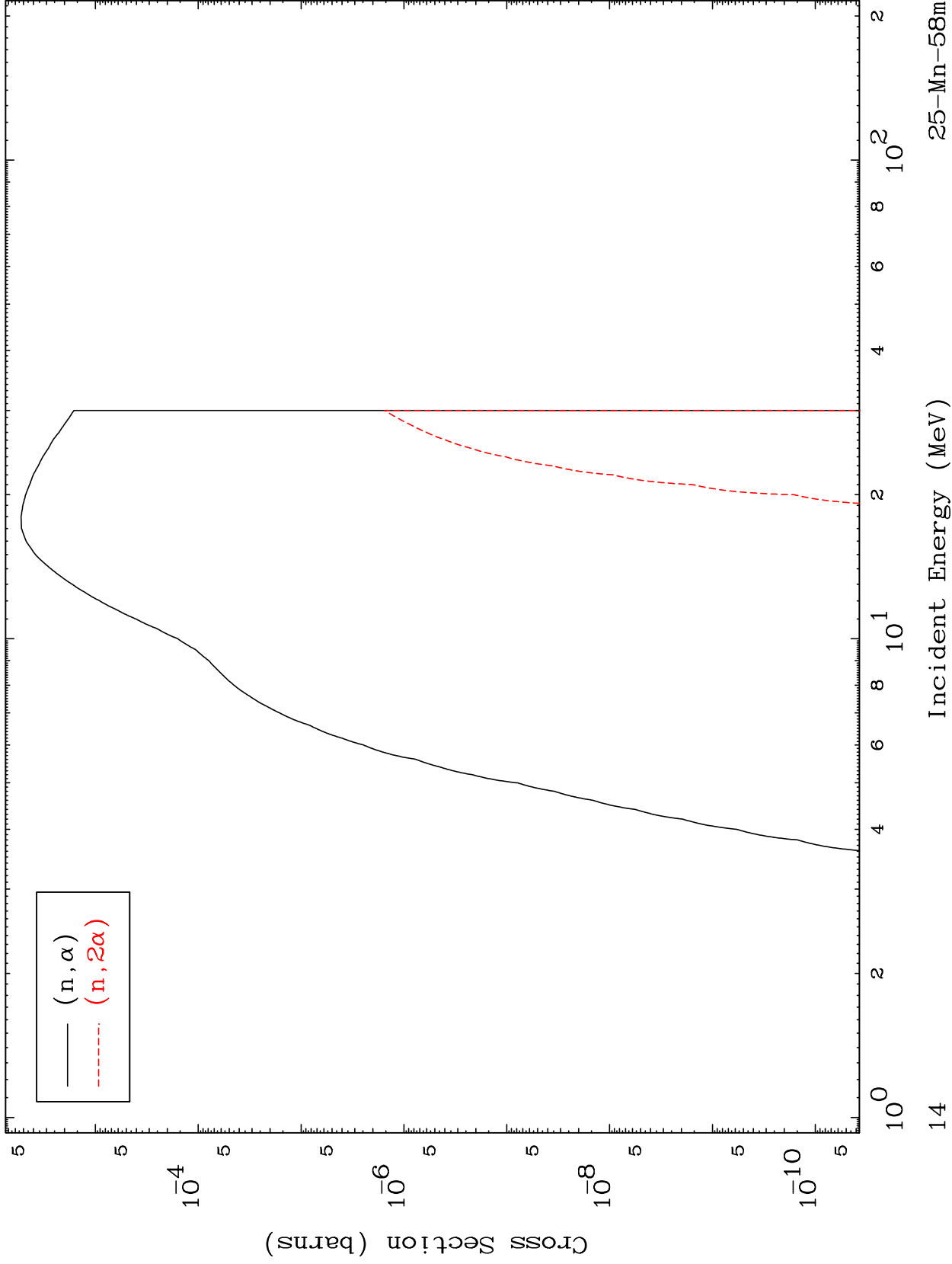
13

25-Mn-58m

MAT 2535

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

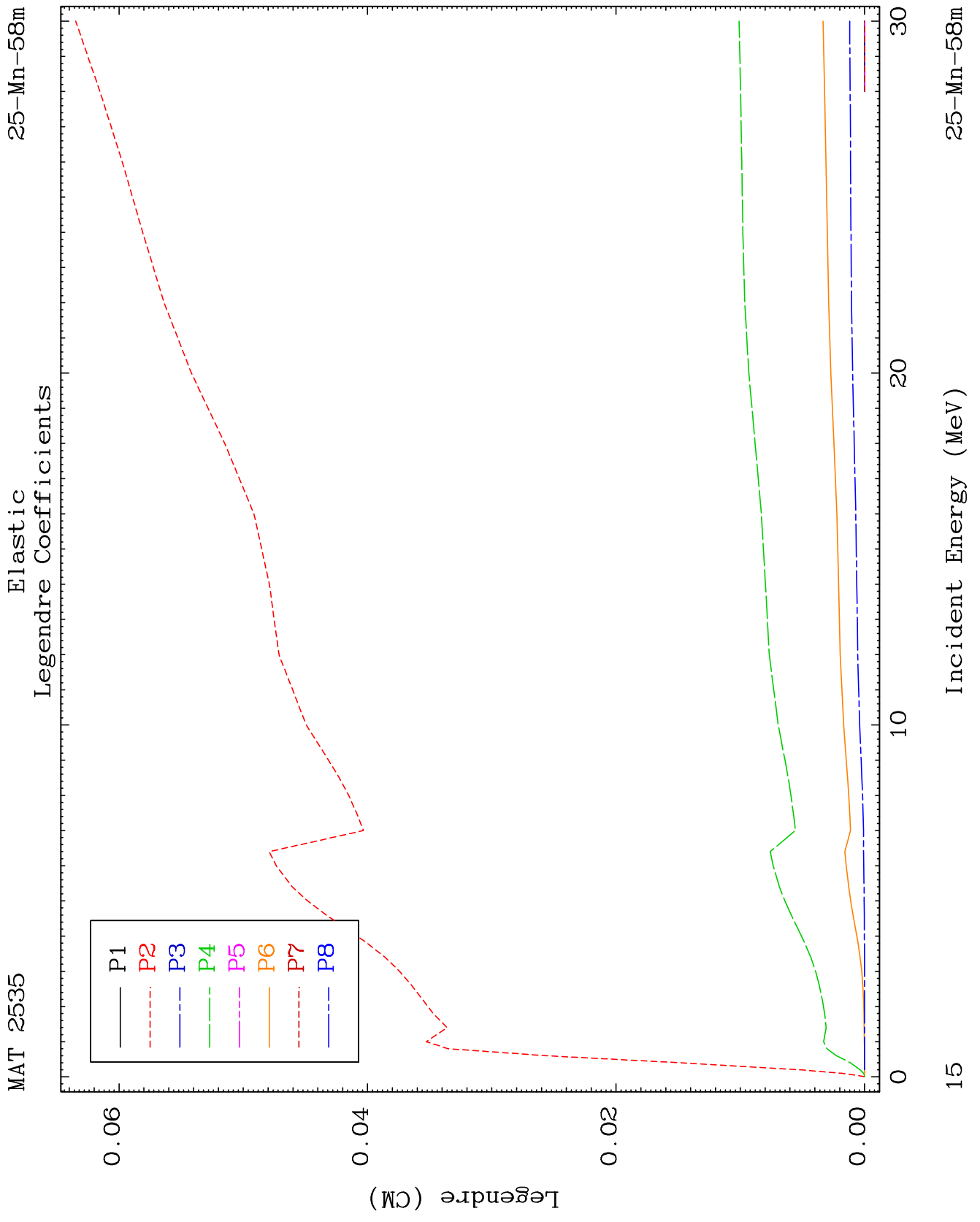
25-Mn-58m



14

Incident Energy (MeV)

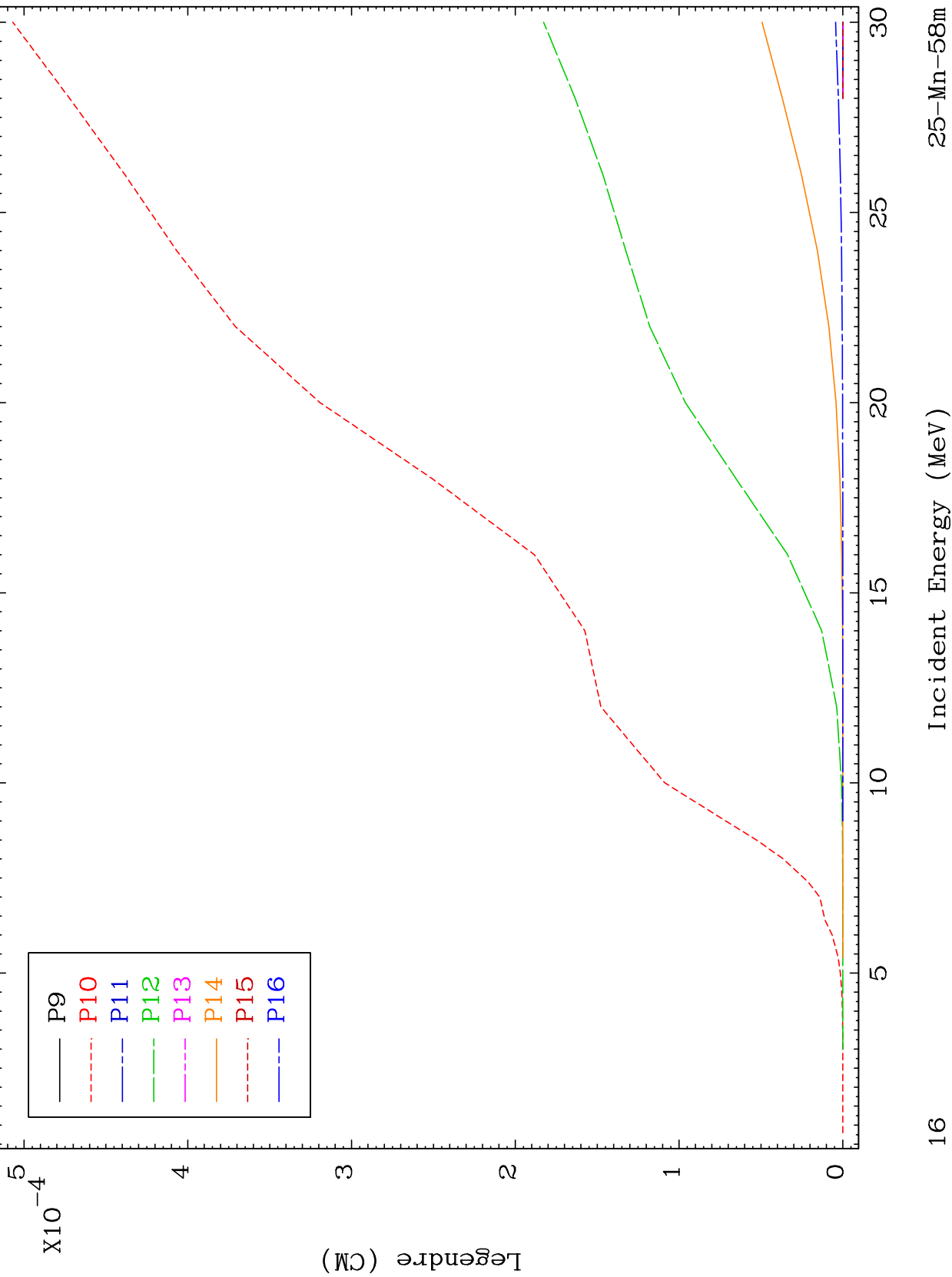
25-Mn-58m



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Elastic Legendre Coefficients

25-Mn-58m



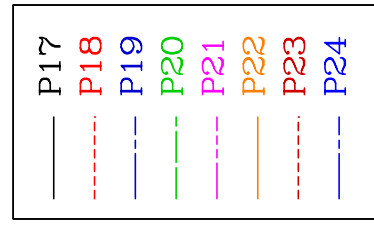
16

25-Mn-58m

MAT 2535

Elastic  
Legendre Coefficients

25-Mn-58m



$\times 10^{-7}$

Legendre (CM)

3  
2  
1  
0

15

20

25

30

17

Incident Energy (MeV)

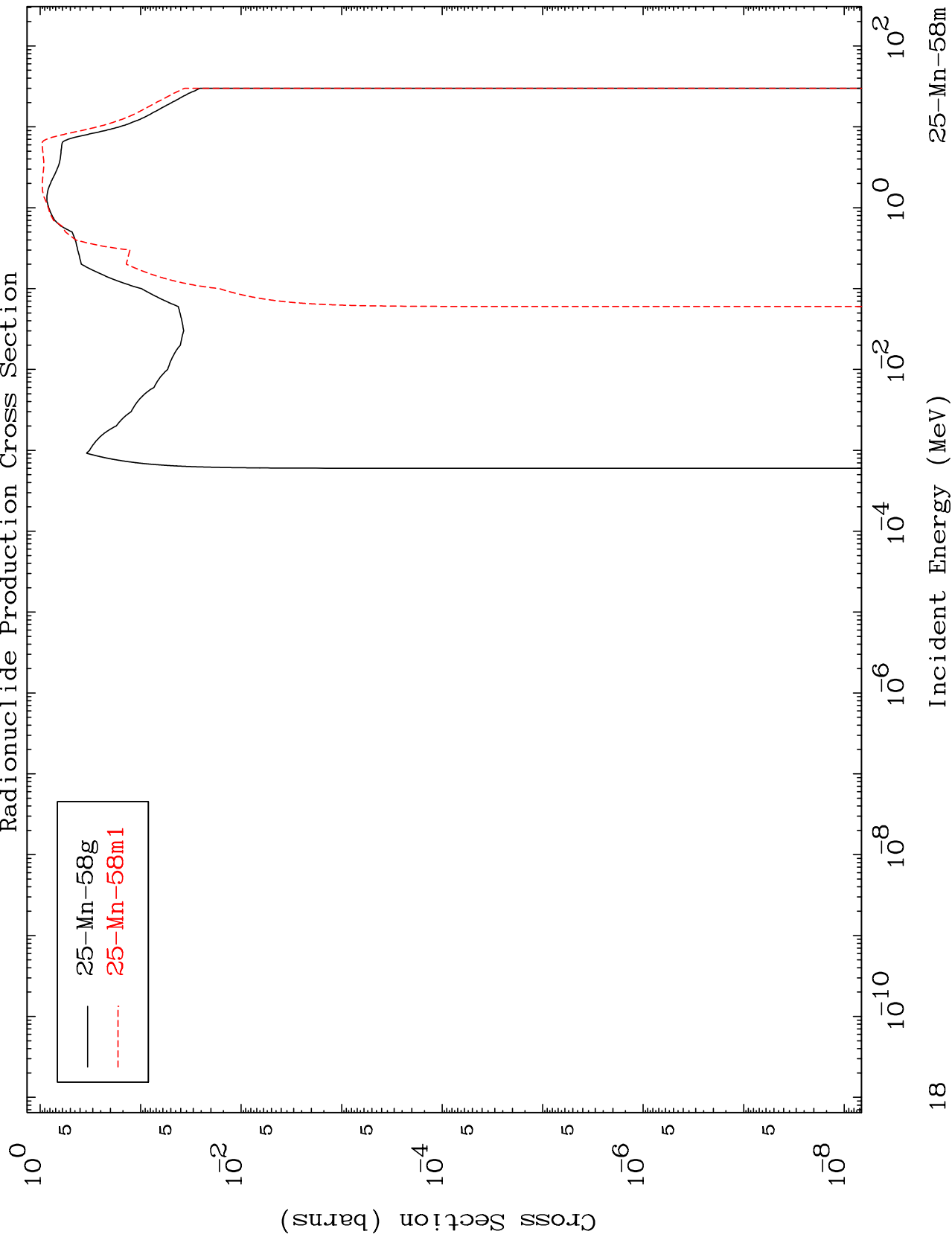
25-Mn-58m



MAT 2535

Inelastic  
Radionuclide Production Cross Section

25-Mn-58m

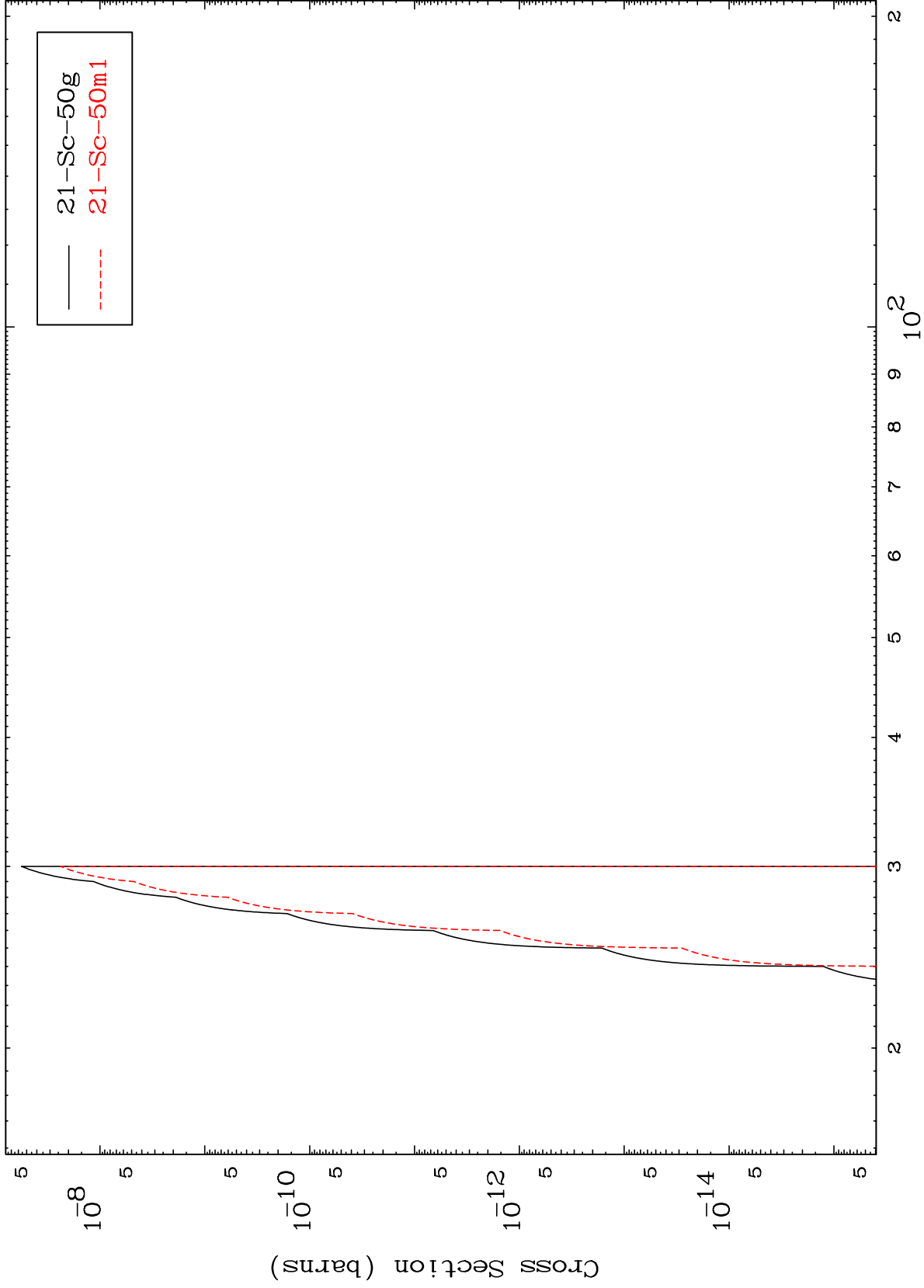


MAT 2535

(n,n') 2α

25-Mn-58m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

25-Mn-58m