

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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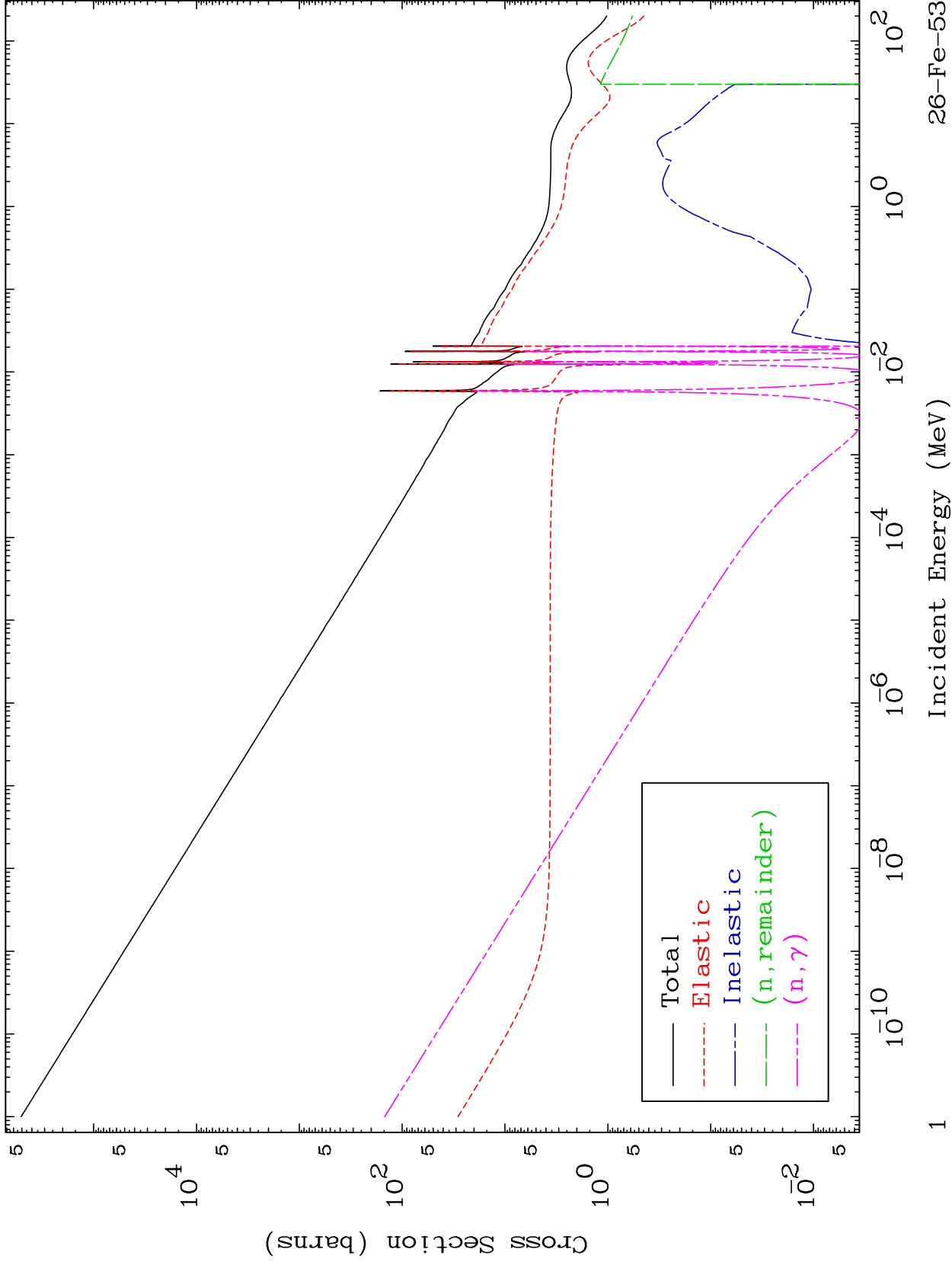
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

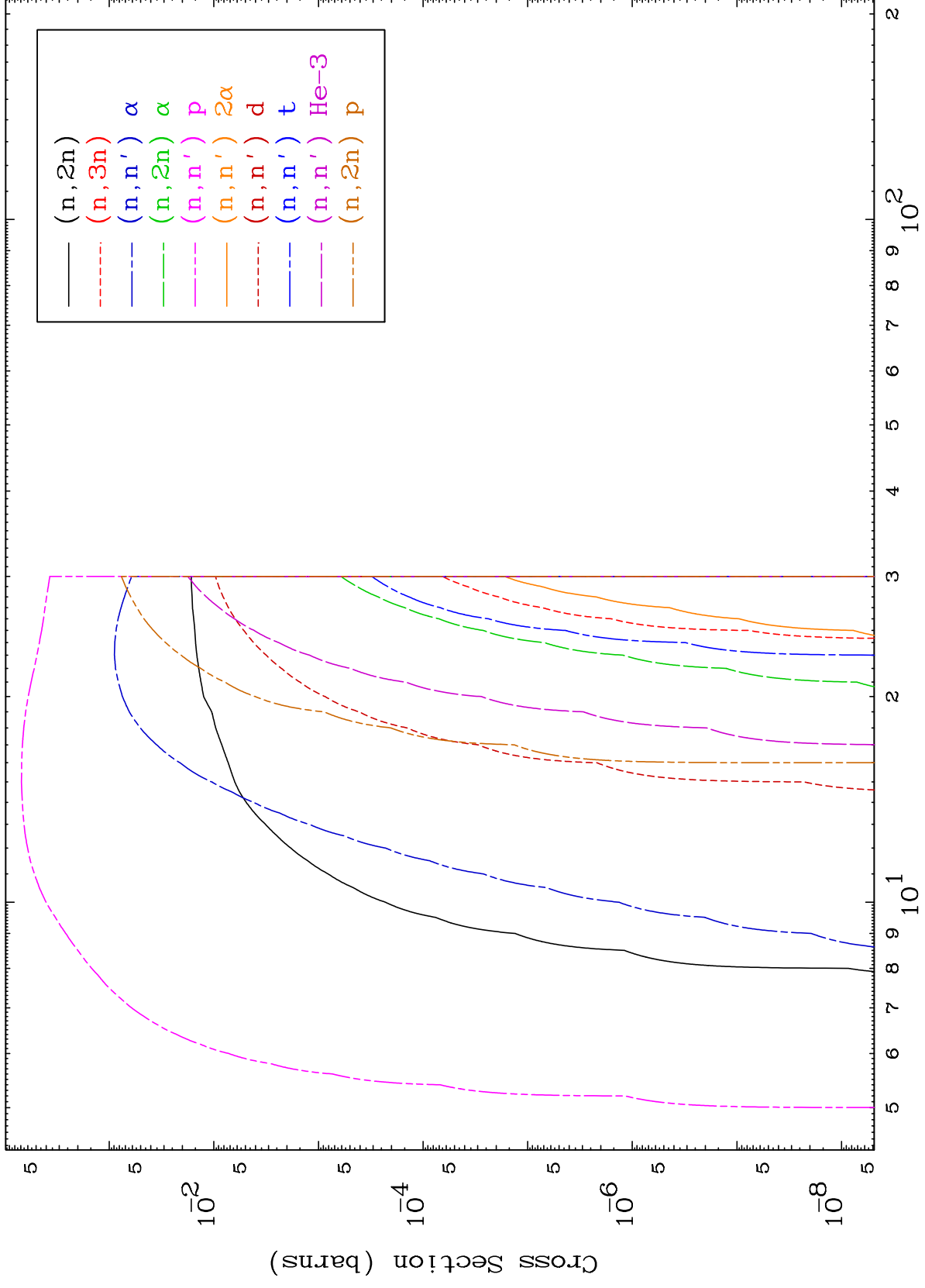
Press Mouse Button to Start

MAT 2623

Major
293 Kelvin Cross Sections

26-Fe-53

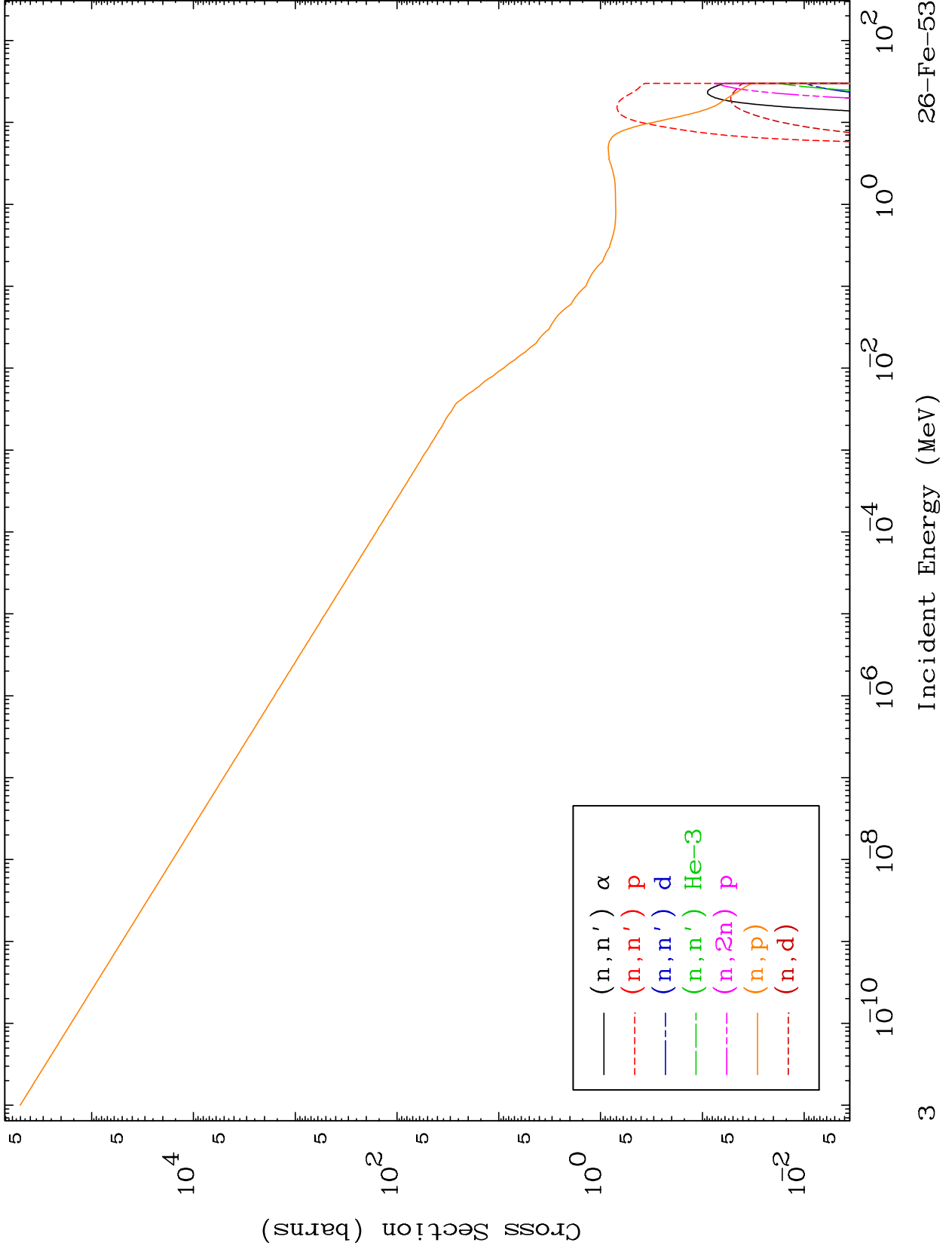




MAT 2623

Charged Particle
293 Kelvin Cross Sections

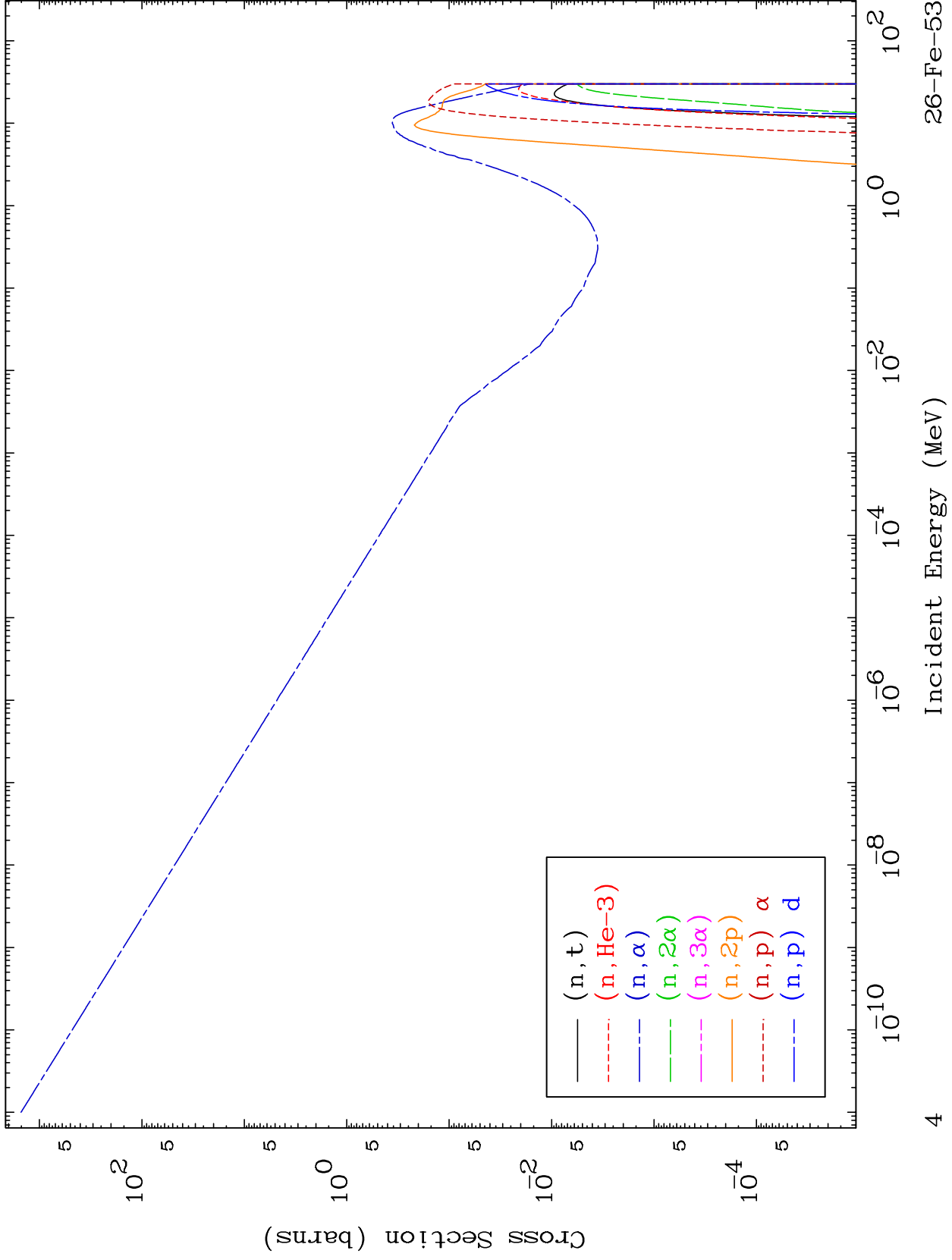
26-Fe-53

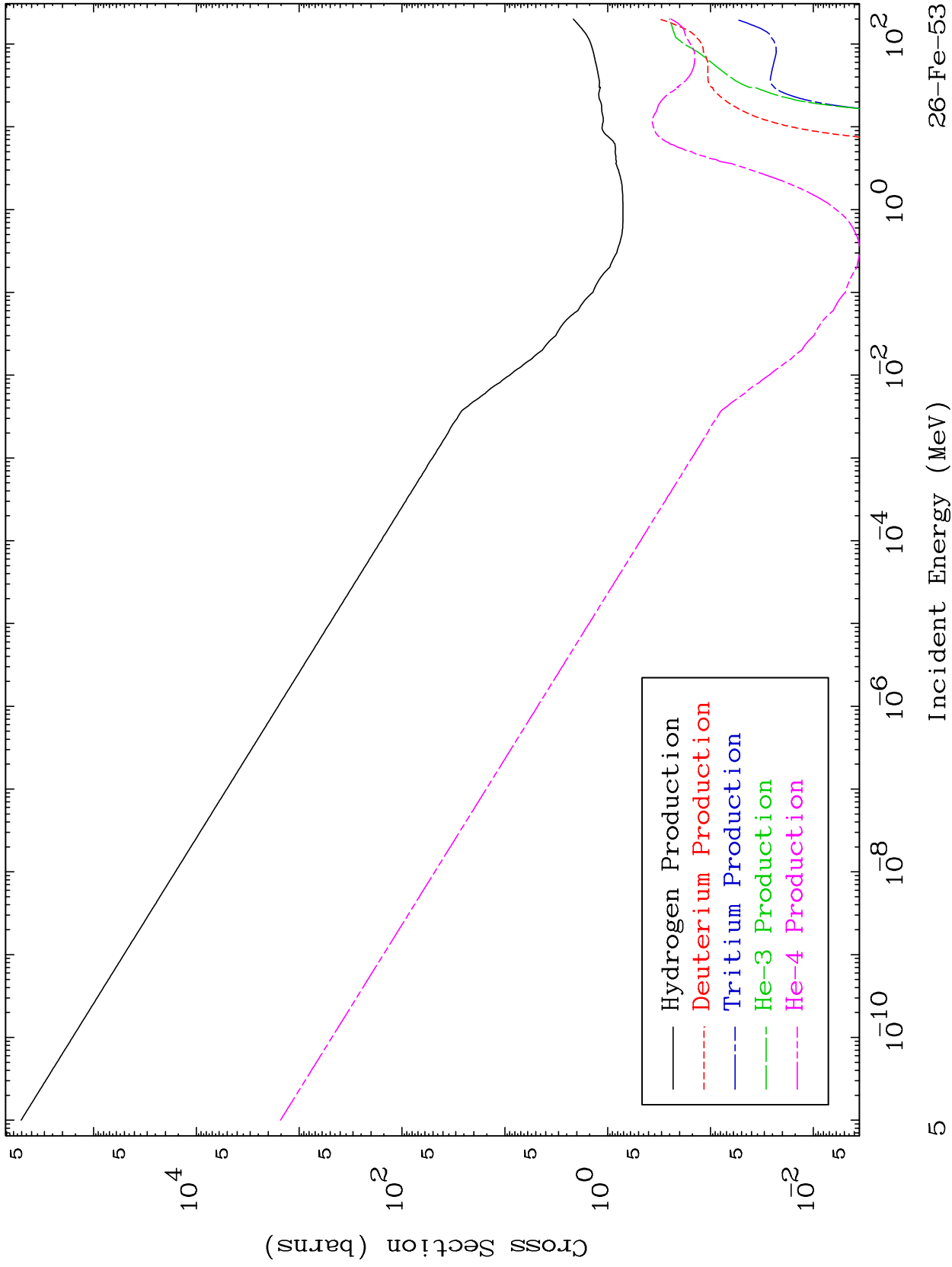


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Charged Particle
293 Kelvin Cross Sections

26-Fe-53

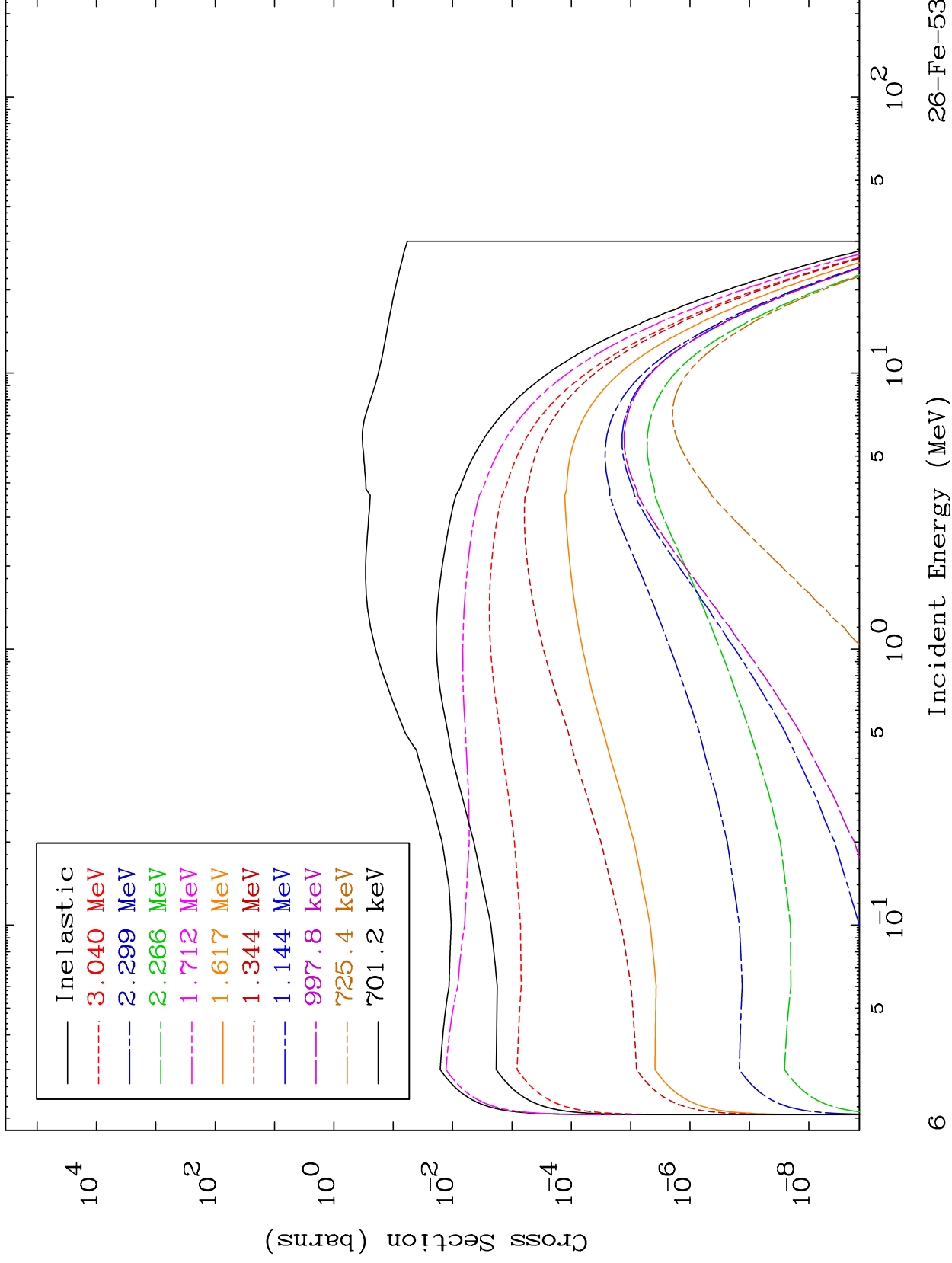




MAT 2623

(n,n') Level
293 Kelvin Cross Sections

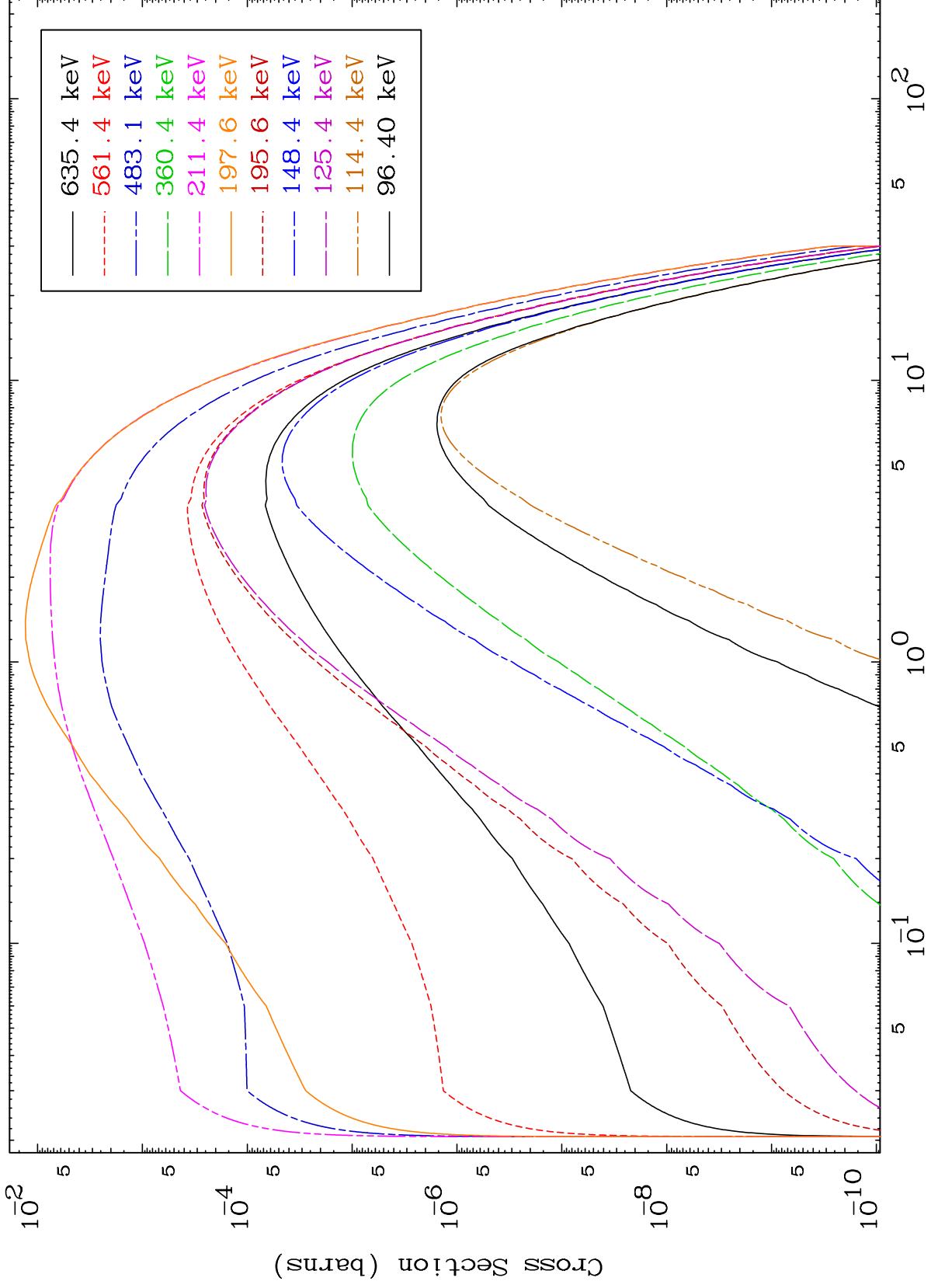
26-Fe-53



MAT 2623

(n,n') Level
293 Kelvin Cross Sections

26-Fe-53



7

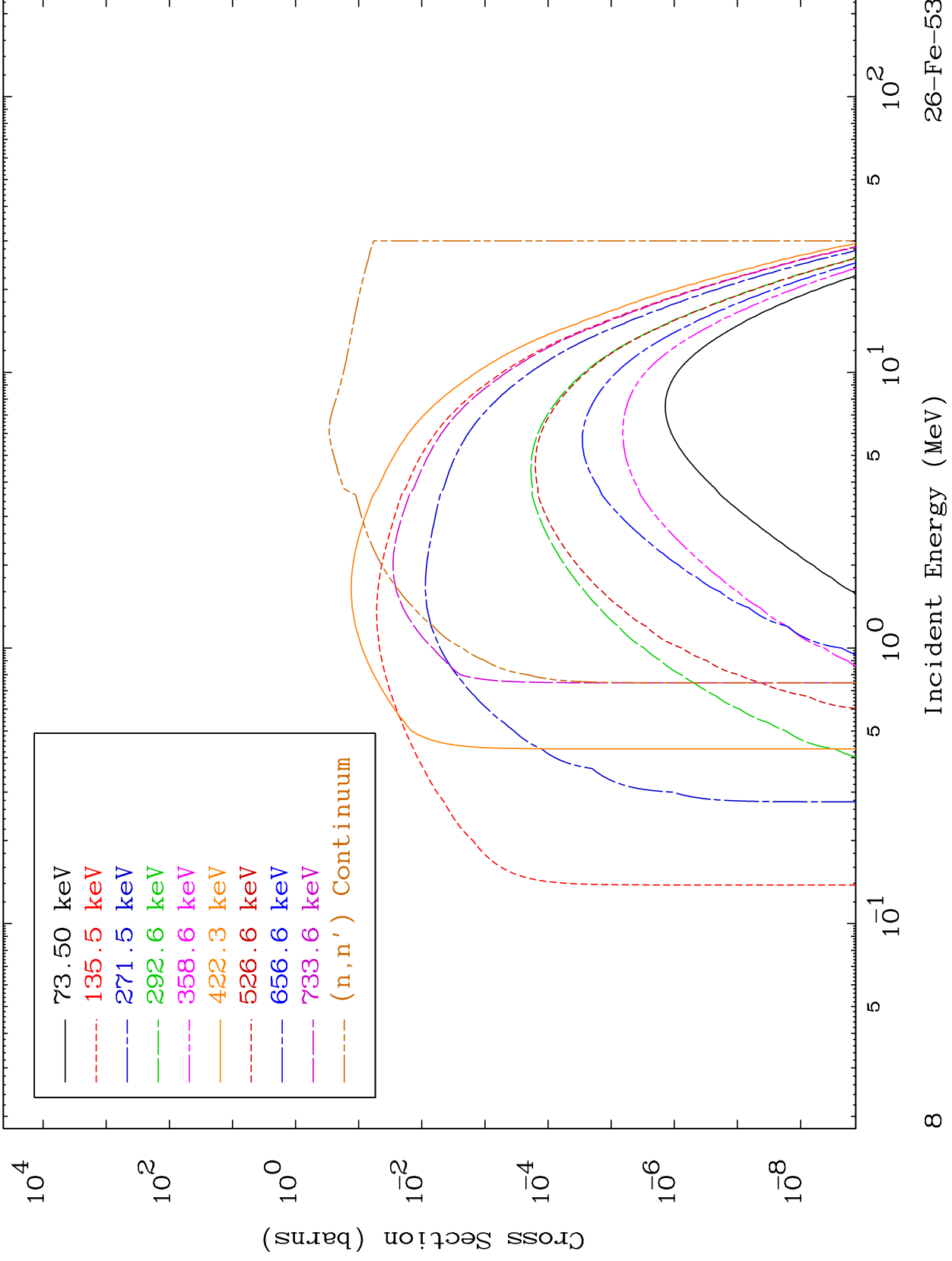
Incident Energy (MeV)

26-Fe-53

MAT 2623

(n,n') Level
293 Kelvin Cross Sections

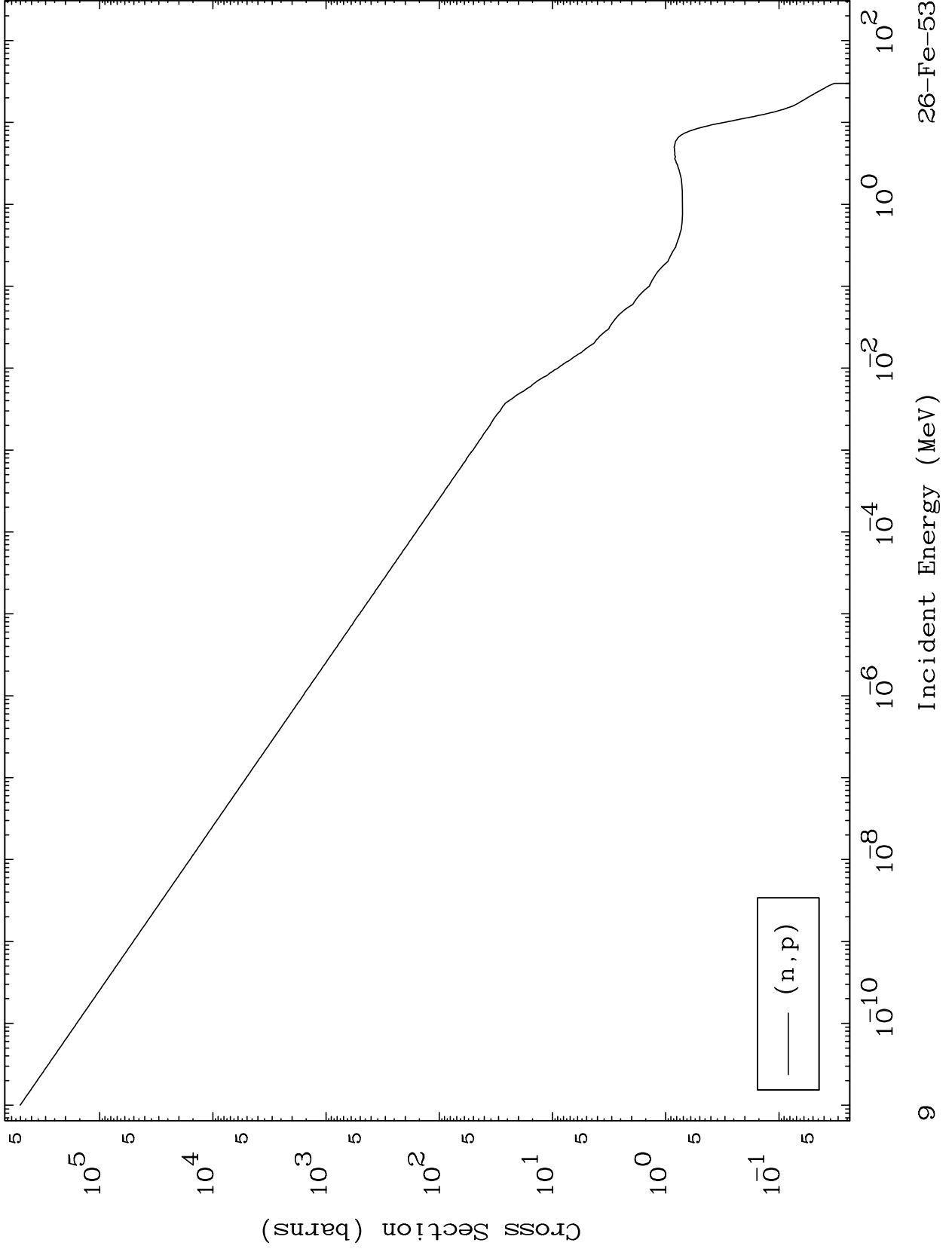
26-Fe-53



MAT 2623

(n,p) Levels
293 Kelvin Cross Sections

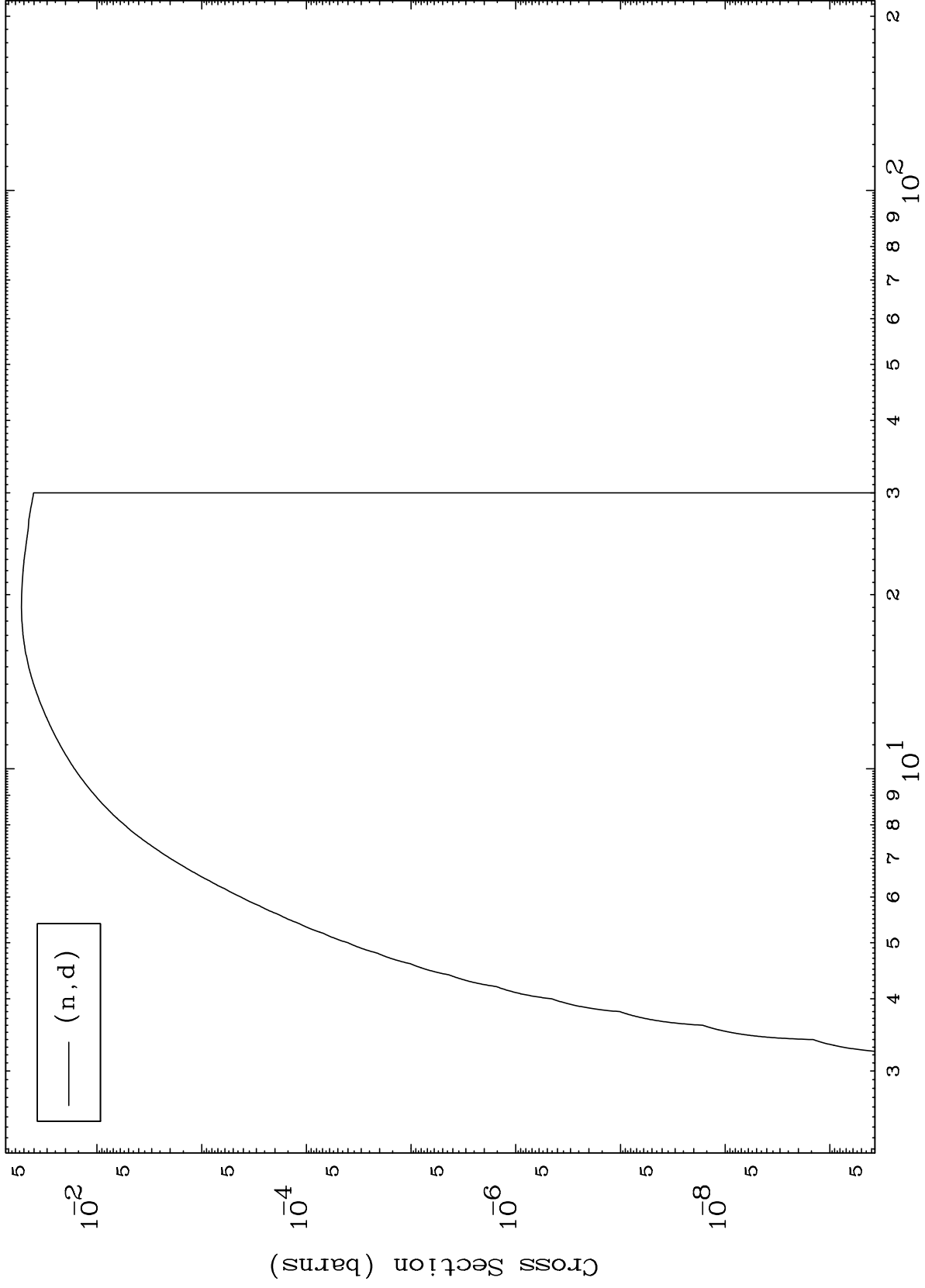
26-Fe-53



MAT 2623

(n,d) Levels
293 Kelvin Cross Sections

26-Fe-53



10

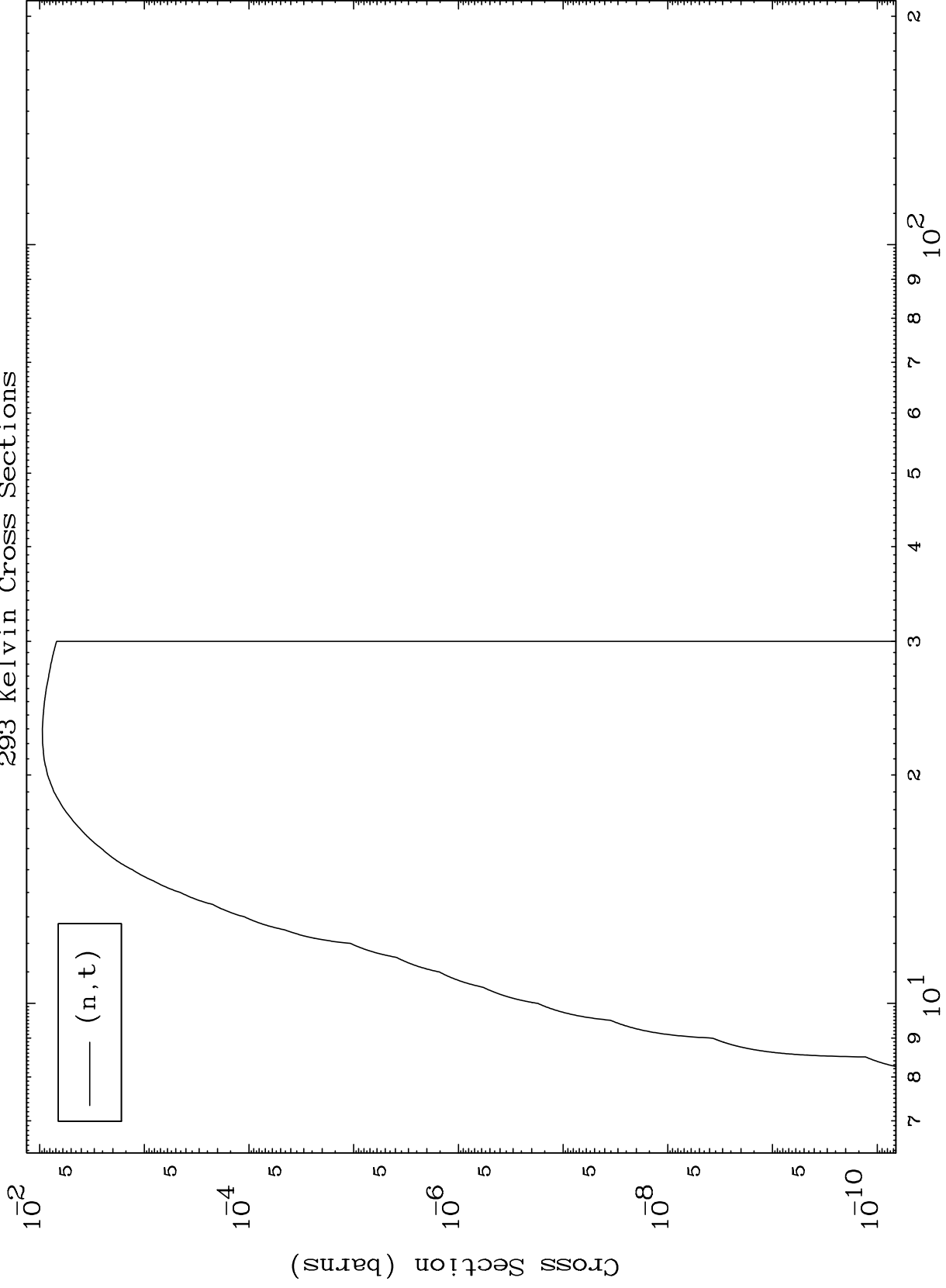
Incident Energy (MeV)

26-Fe-53

MAT 2623

(n,t) Levels
293 Kelvin Cross Sections

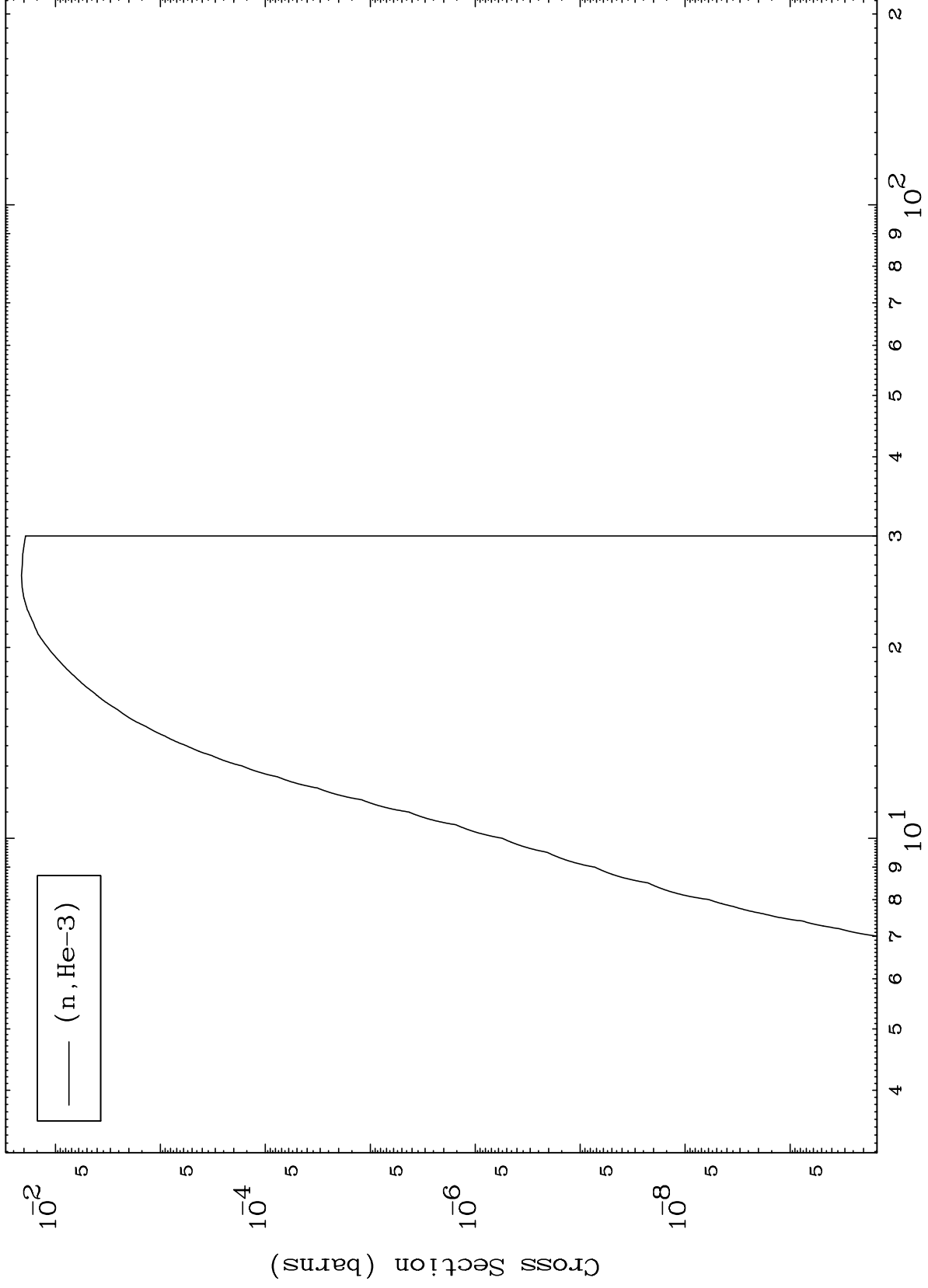
26-Fe-53



MAT 2623

(n,He3) Levels
293 Kelvin Cross Sections

26-Fe-53



12

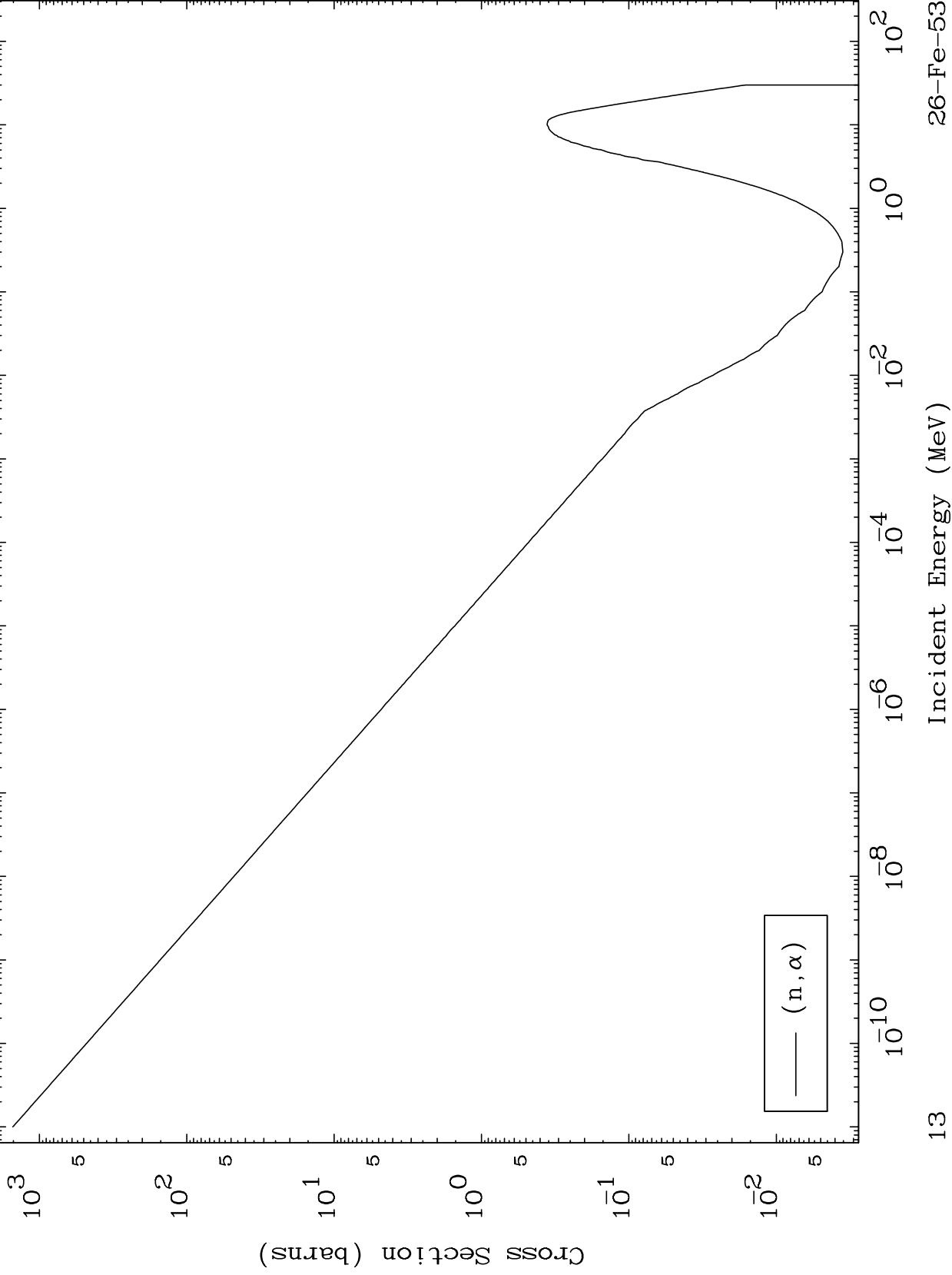
Incident Energy (MeV)

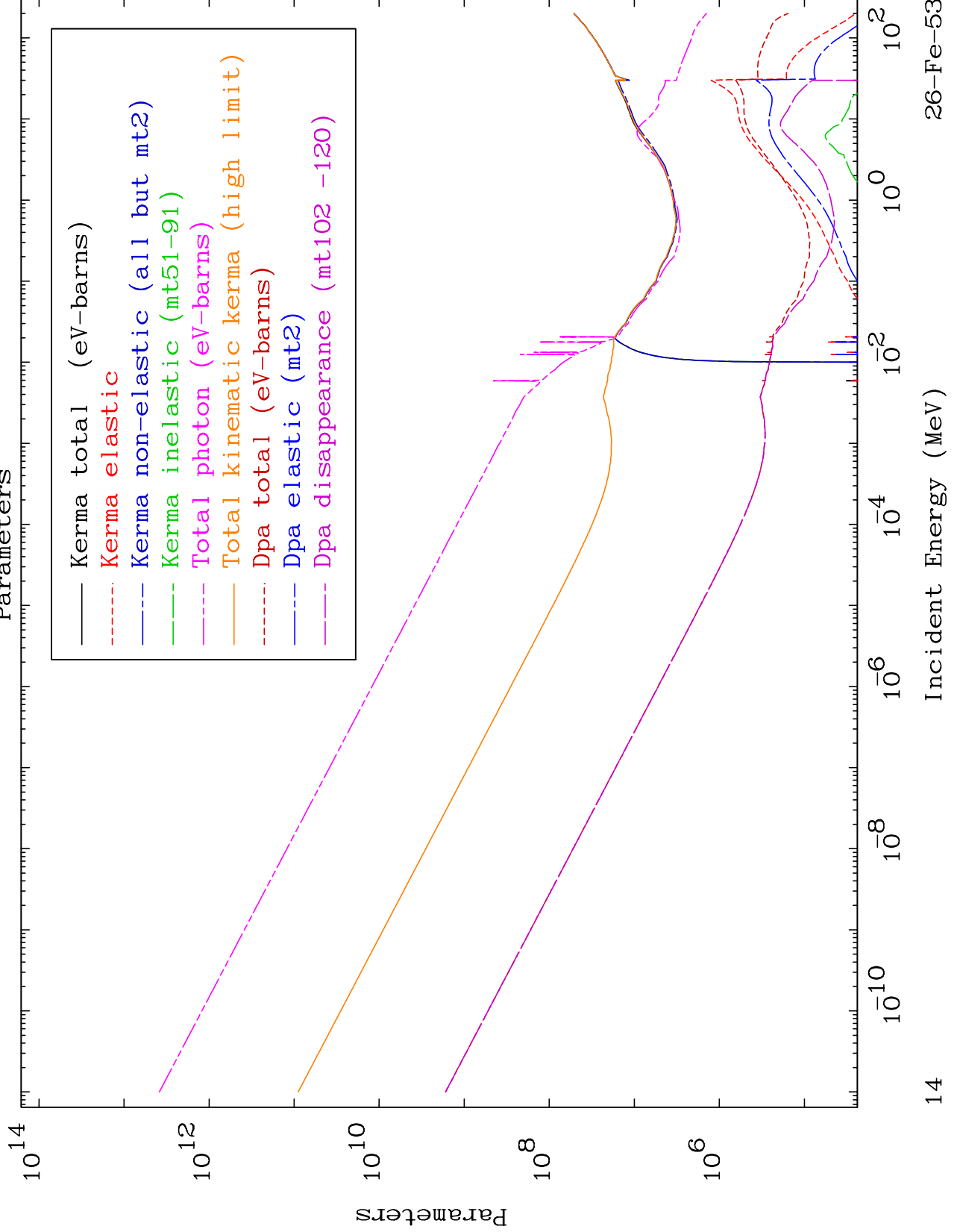
26-Fe-53

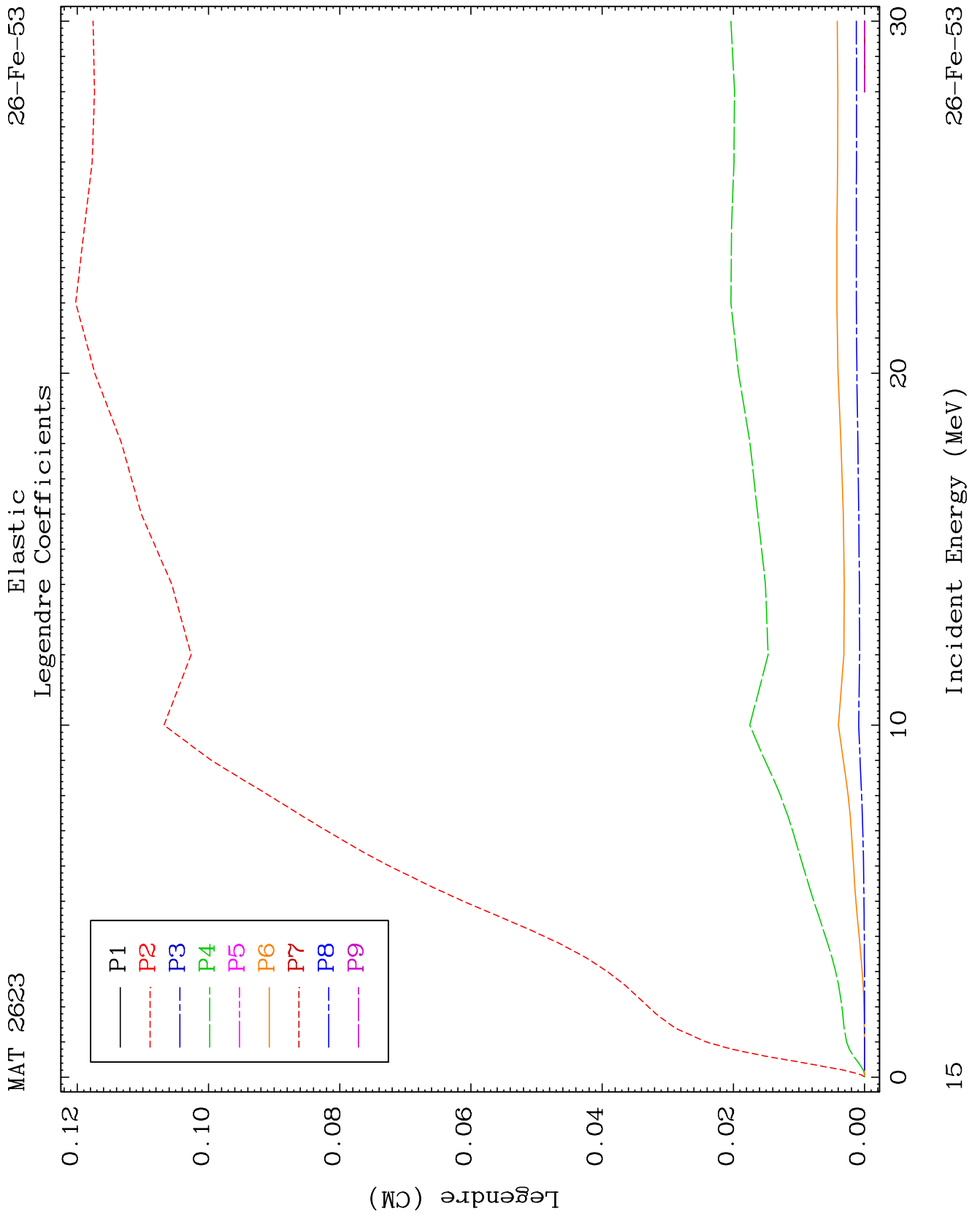
MAT 2623

(n,α) Levels
293 Kelvin Cross Sections

26-Fe-53



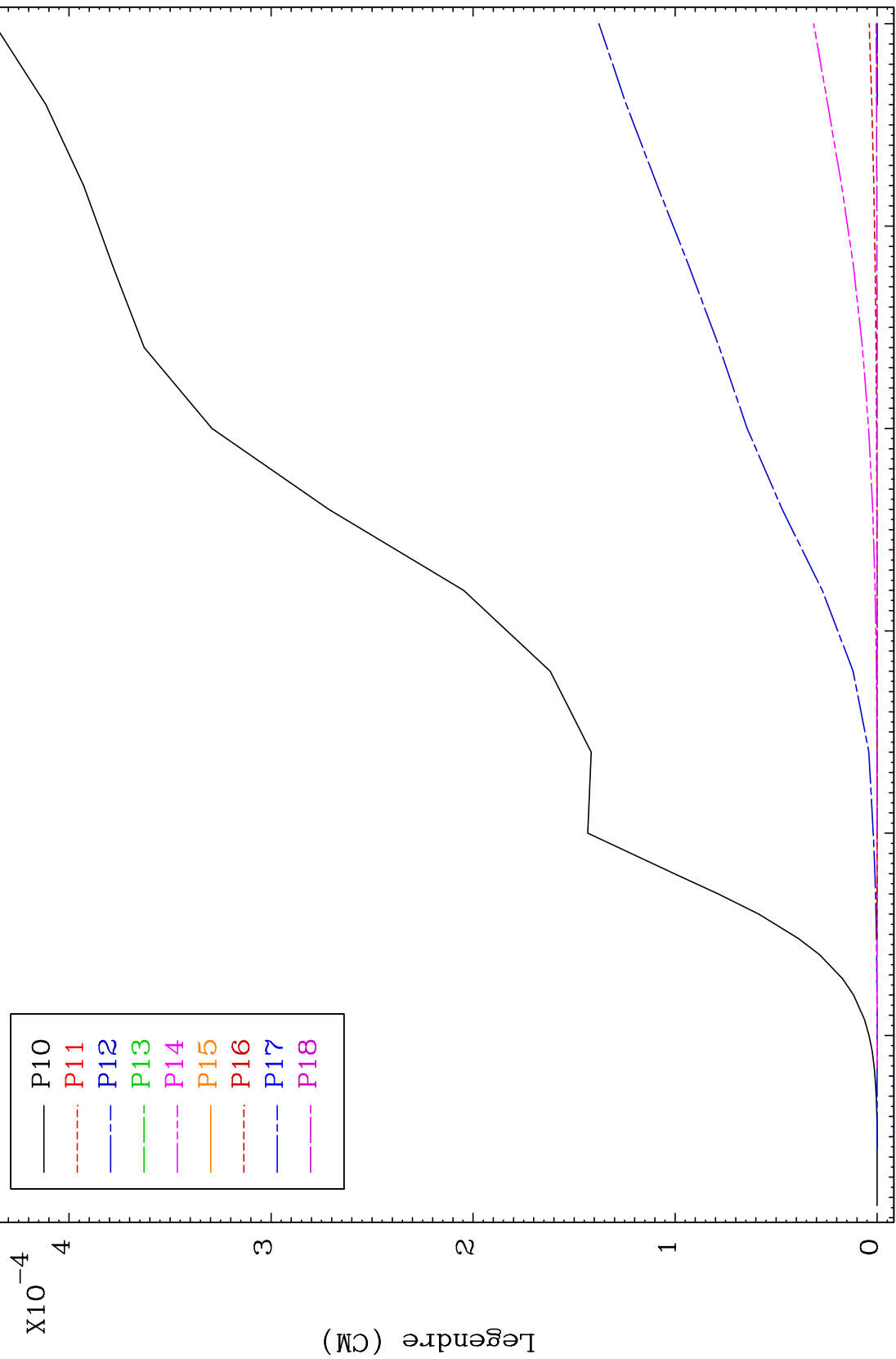
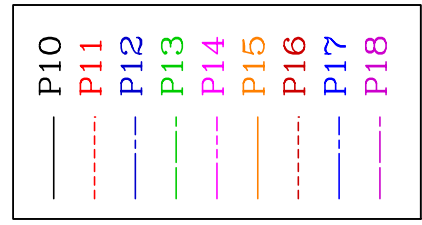




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Elastic Legendre Coefficients

26-Fe-53



16

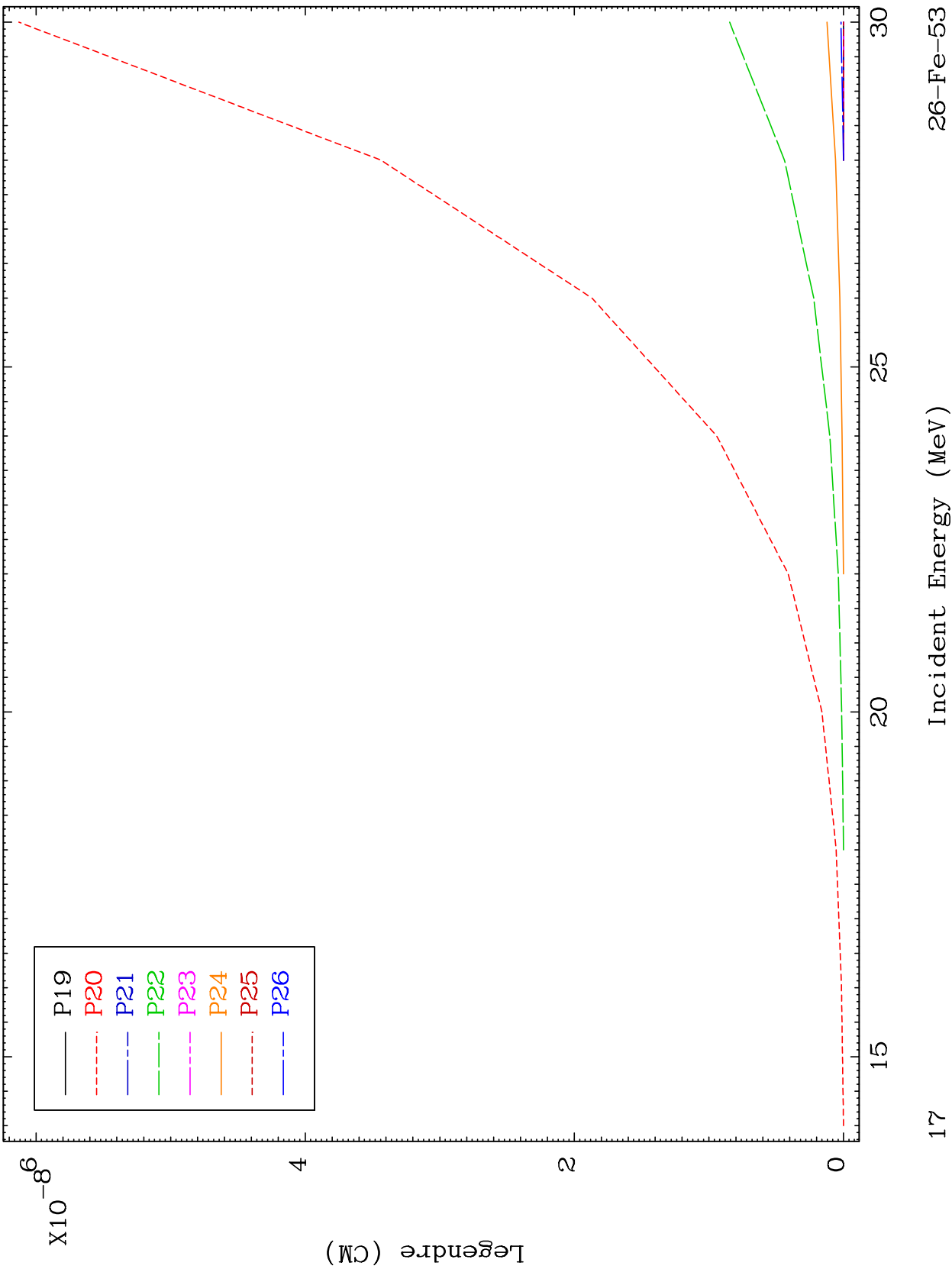
Incident Energy (MeV)

26-Fe-53

MAT 2623

Elastic
Legendre Coefficients

26-Fe-53



17

Incident Energy (MeV)

26-Fe-53

MAT 2623

26-Fe-53

Inelastic
Radionuclide Production Cross Section



26-Fe-53

10⁻¹

10⁰

10¹

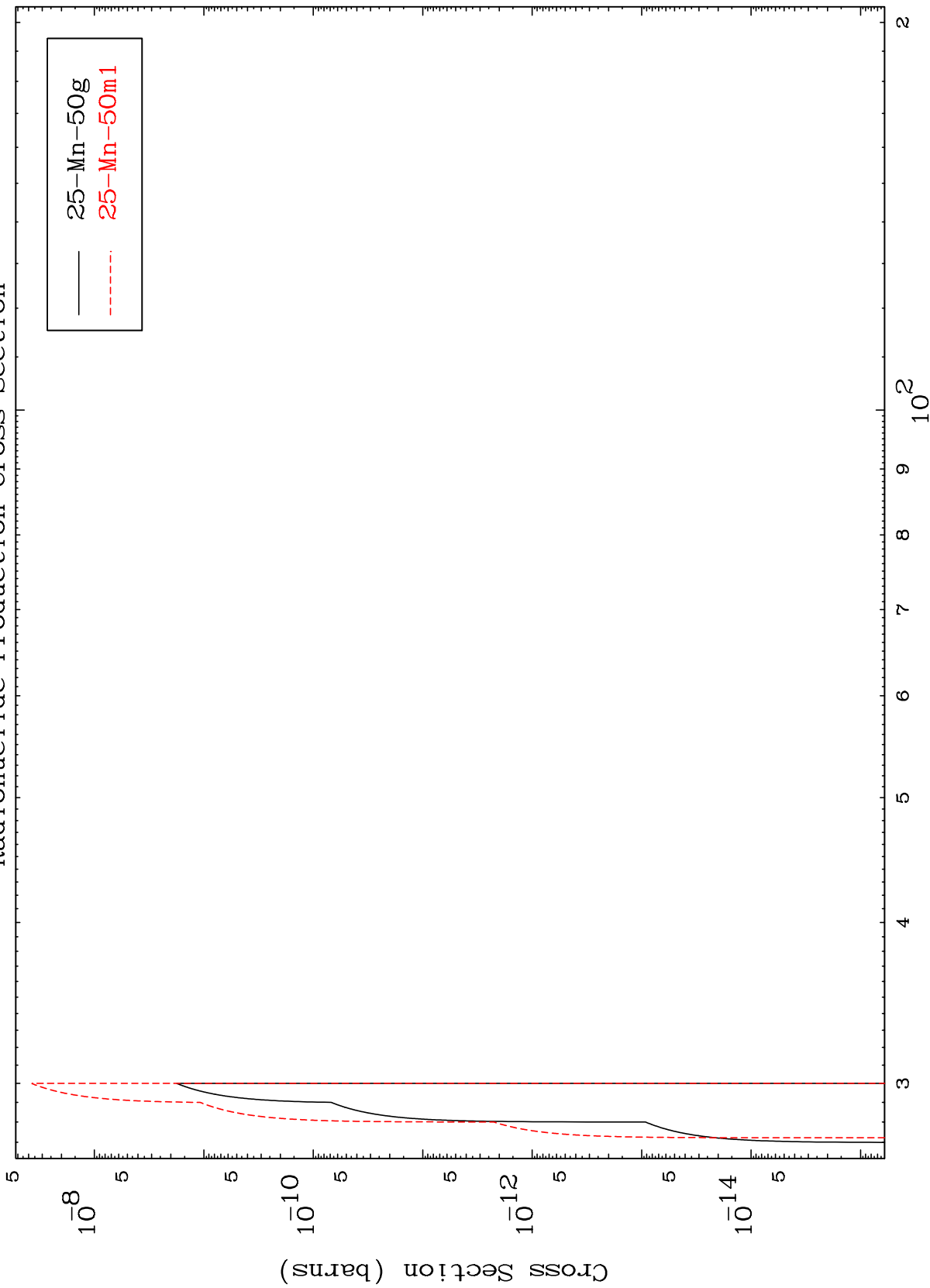
10²

MAT 2623

(n,2n) d

26-Fe-53

Radionuclide Production Cross Section



19

Incident Energy (MeV)

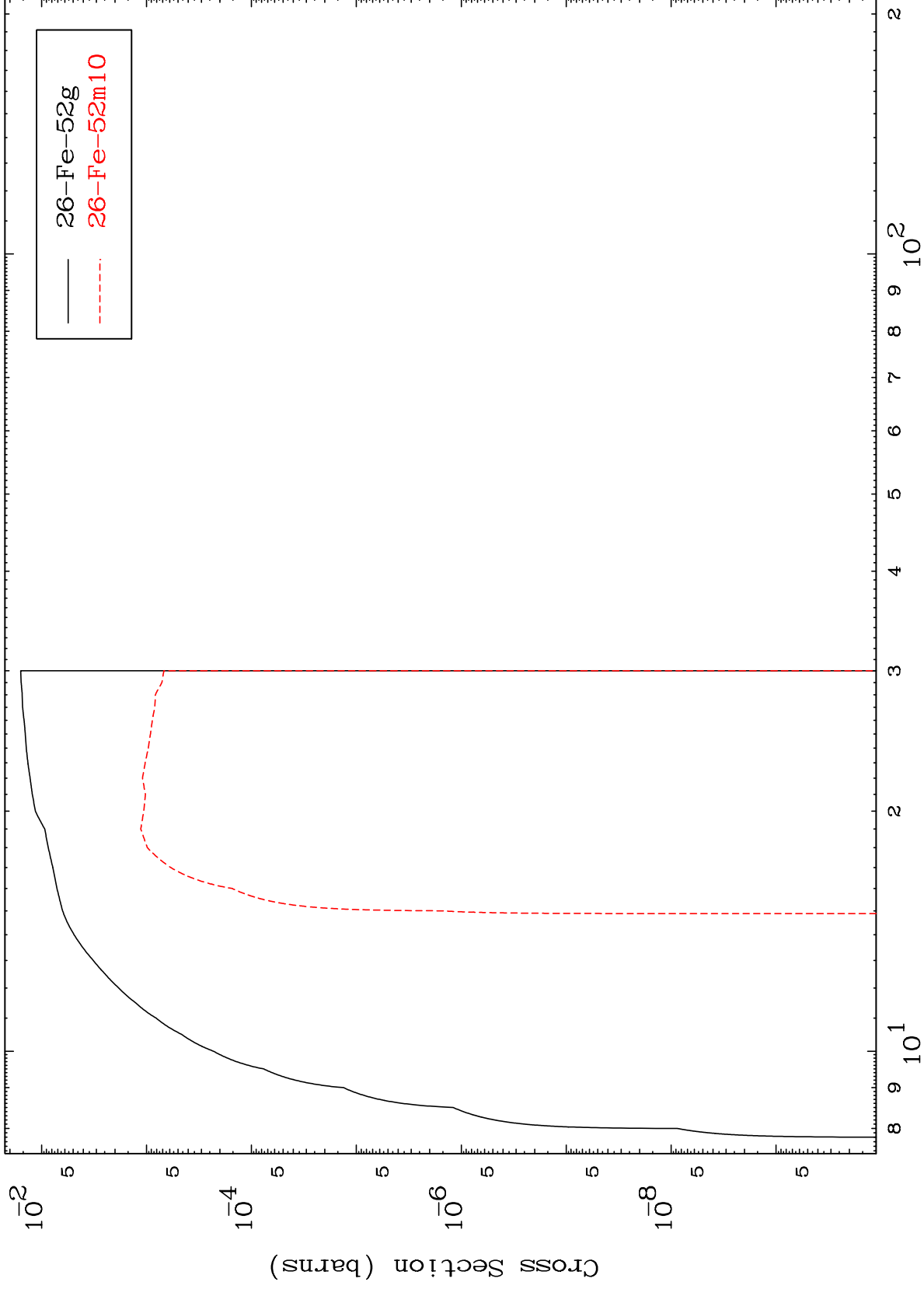
26-Fe-53

MAT 2623

(n,2n)

26-Fe-53

Radionuclide Production Cross Section

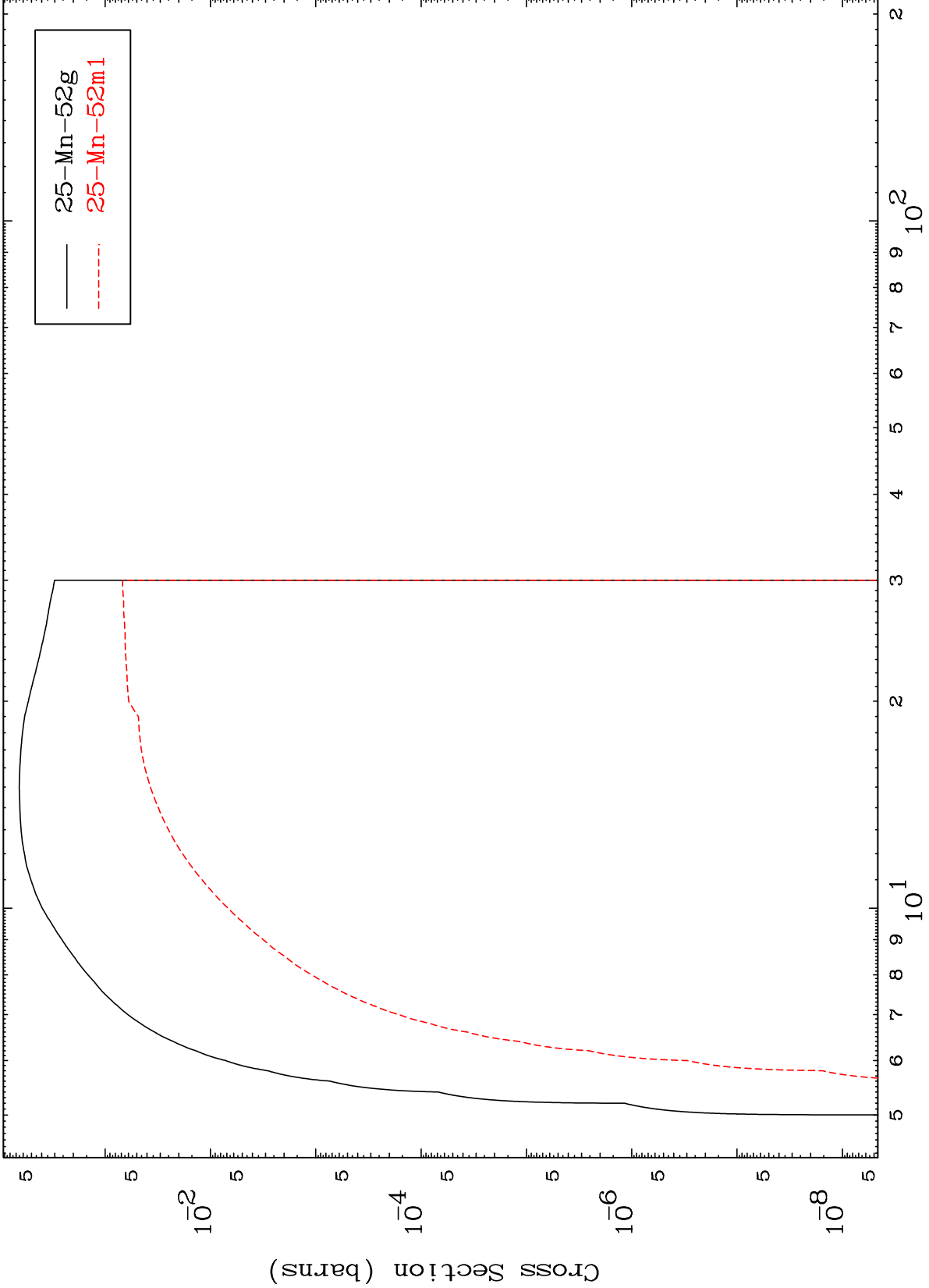


Incident Energy (MeV)

26-Fe-53

20

Radionuclide Production Cross Section

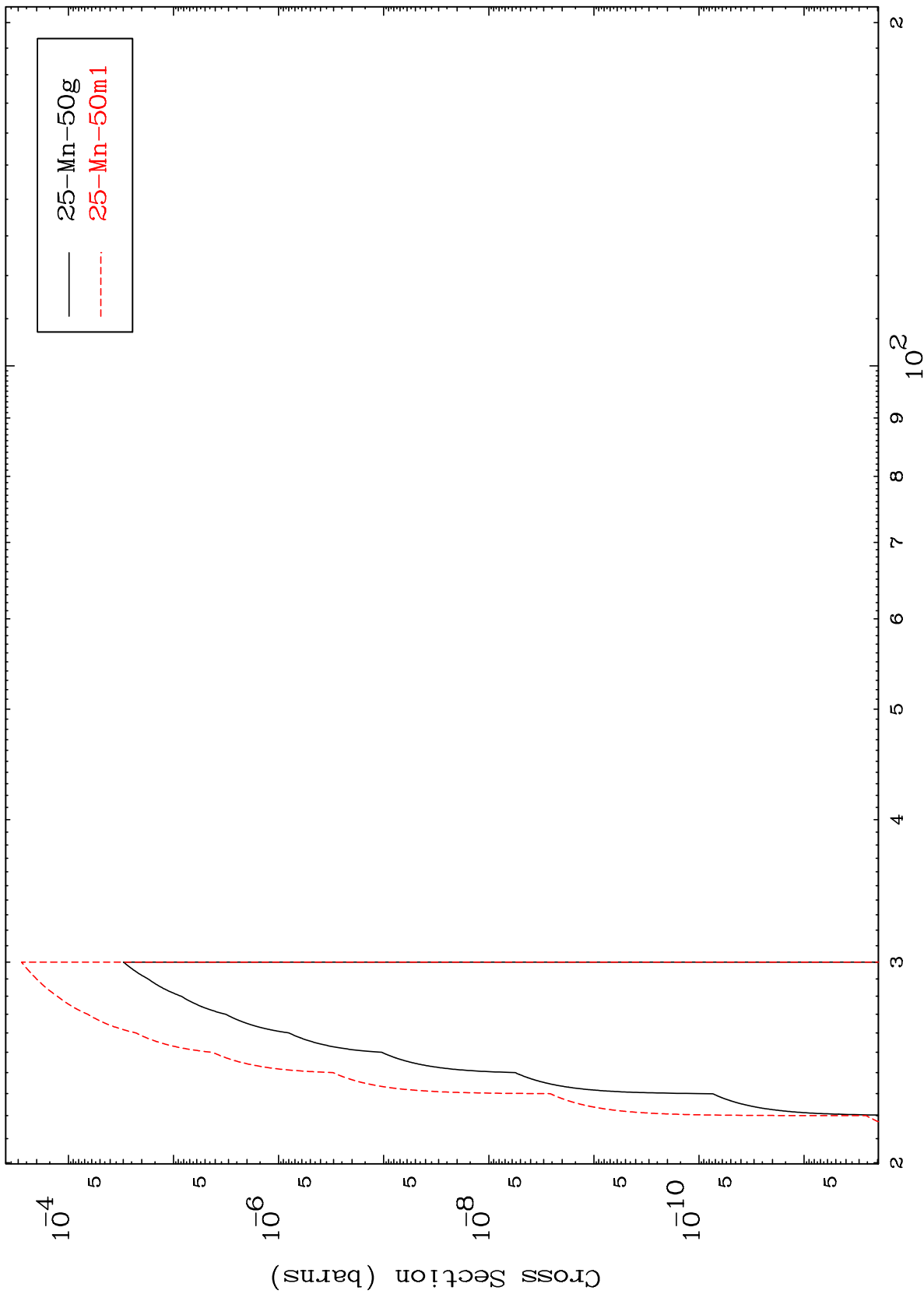


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(n,n') t

26-Fe-53

Radionuclide Production Cross Section



22

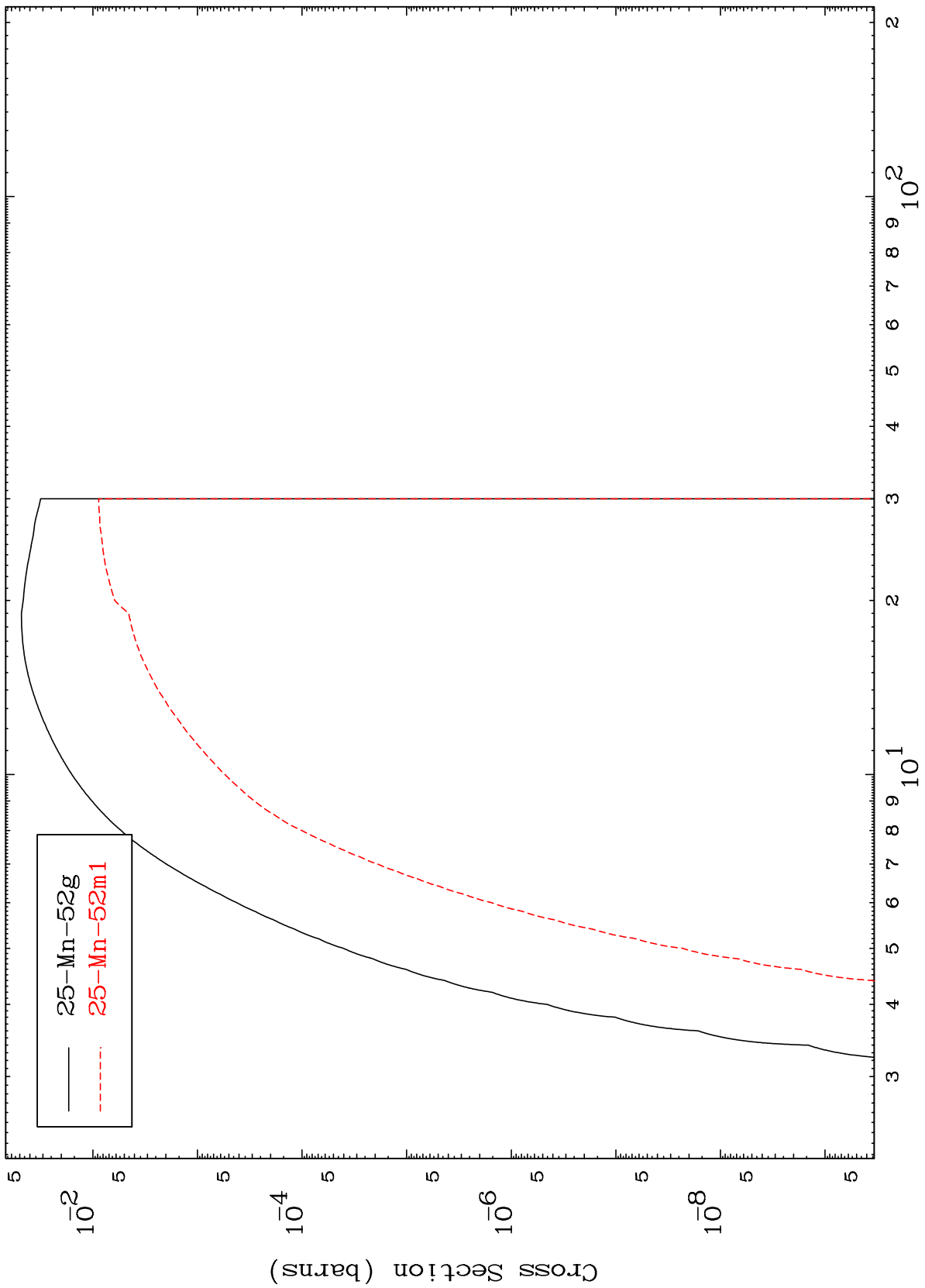
Incident Energy (MeV)

26-Fe-53

MAT 2623

26-Fe-53

(n,d)
Radionuclide Production Cross Section



— 25-Mn-52g
- - - 25-Mn-52m1

23

26-Fe-53