

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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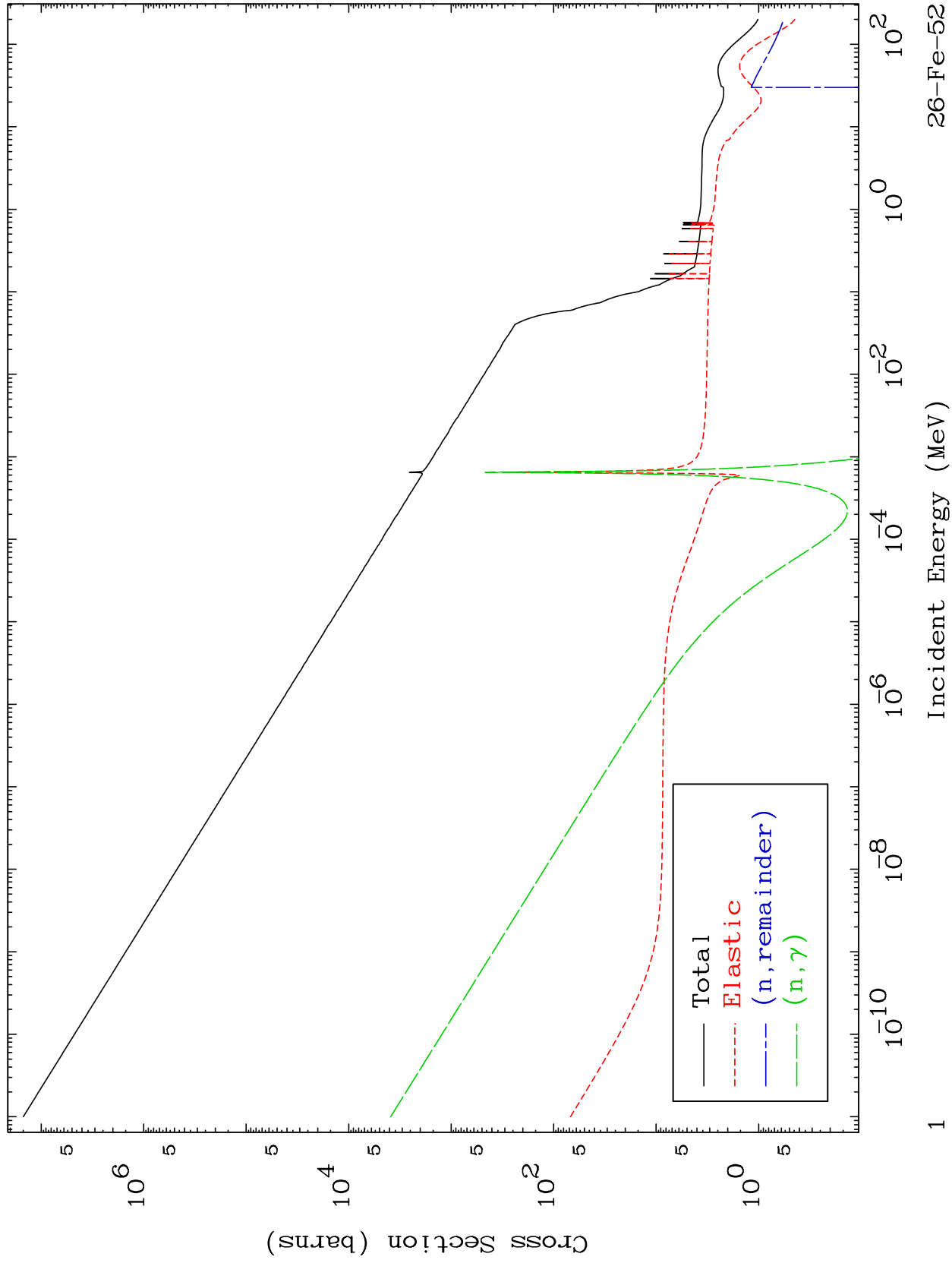
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2620

Major  
293 Kelvin Cross Sections

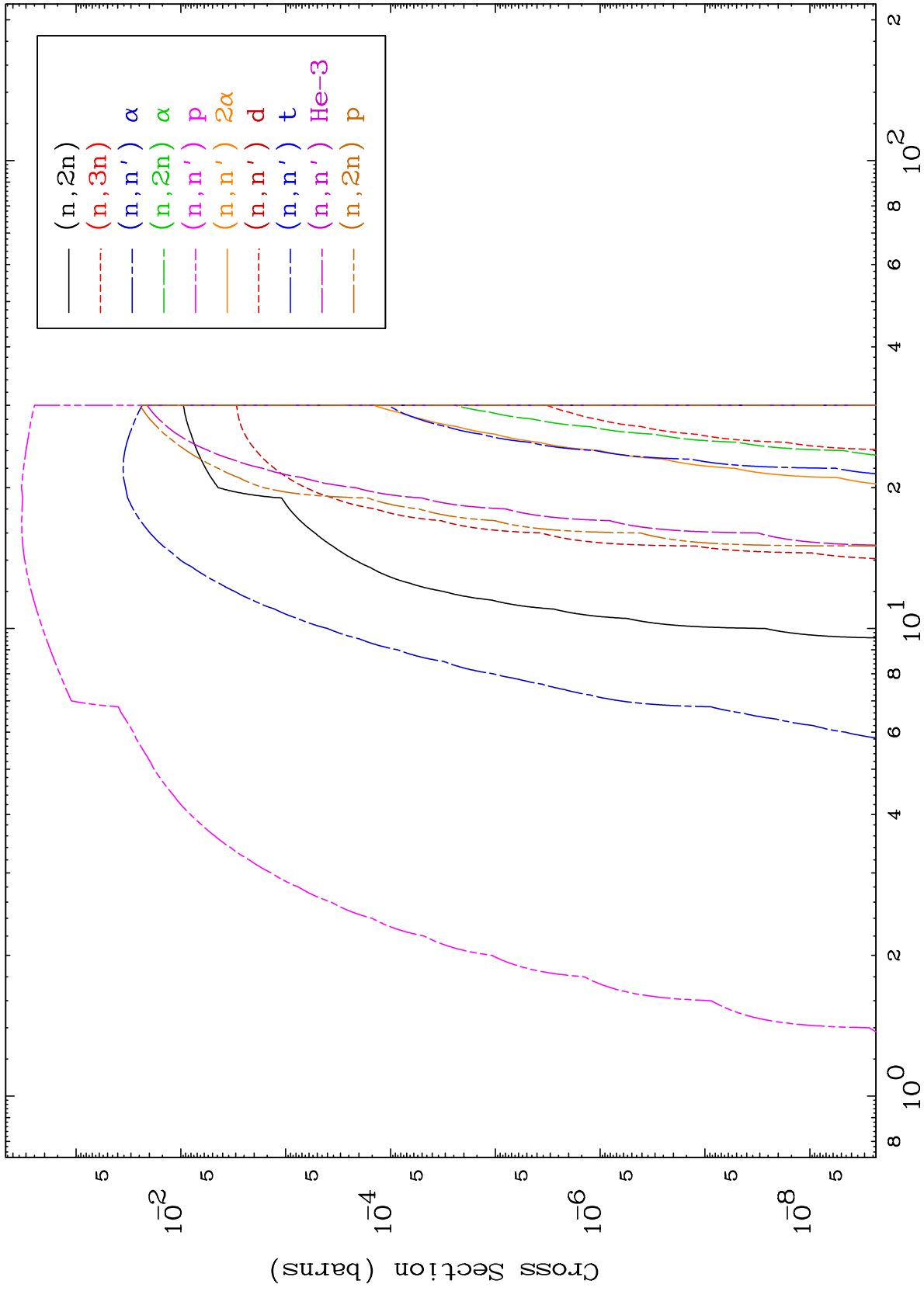
<sup>26</sup>Fe-52



MAT 2620

Neutron Production  
293 Kelvin Cross Sections

26-Fe-52



2

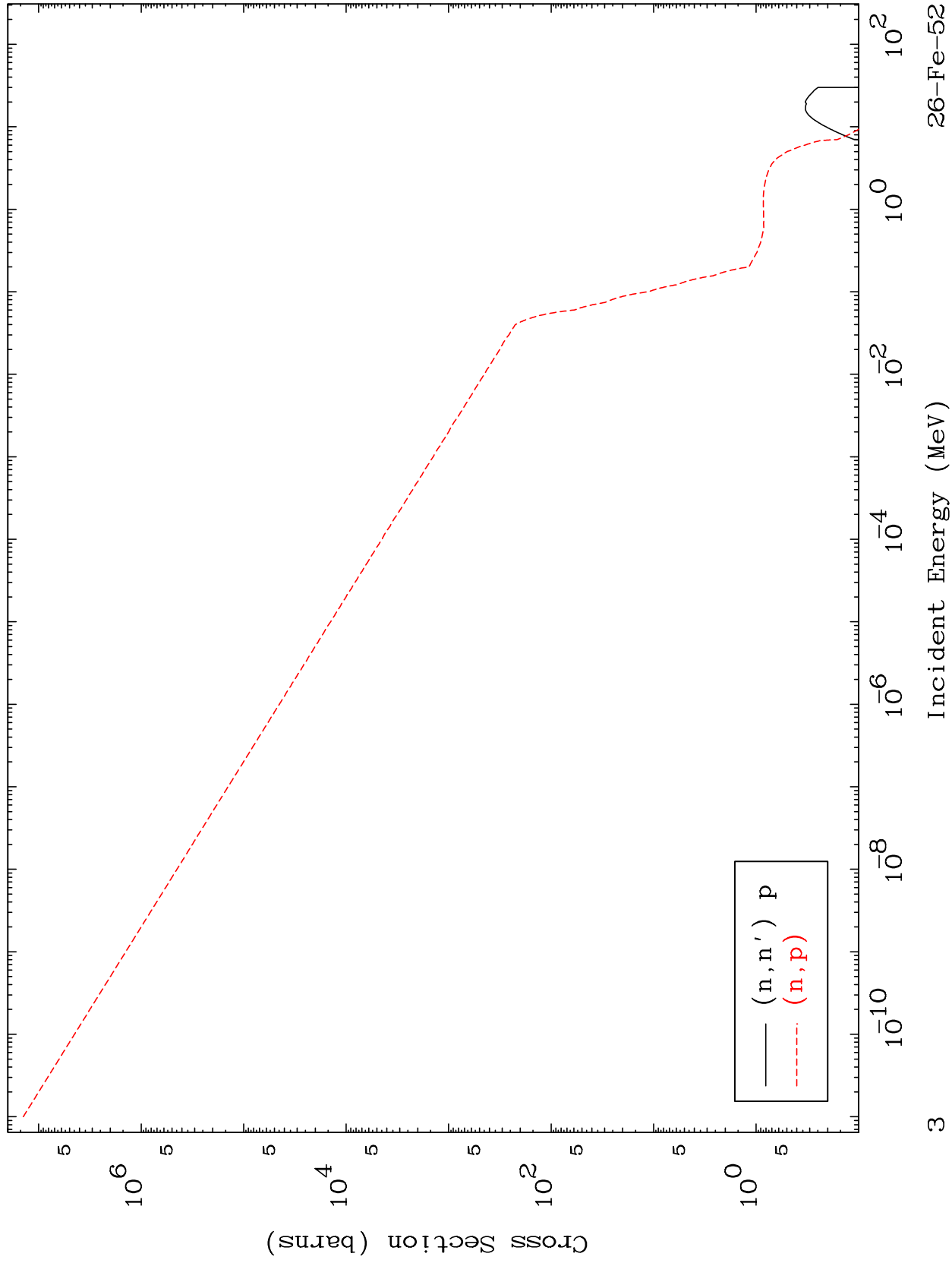
Incident Energy (MeV)

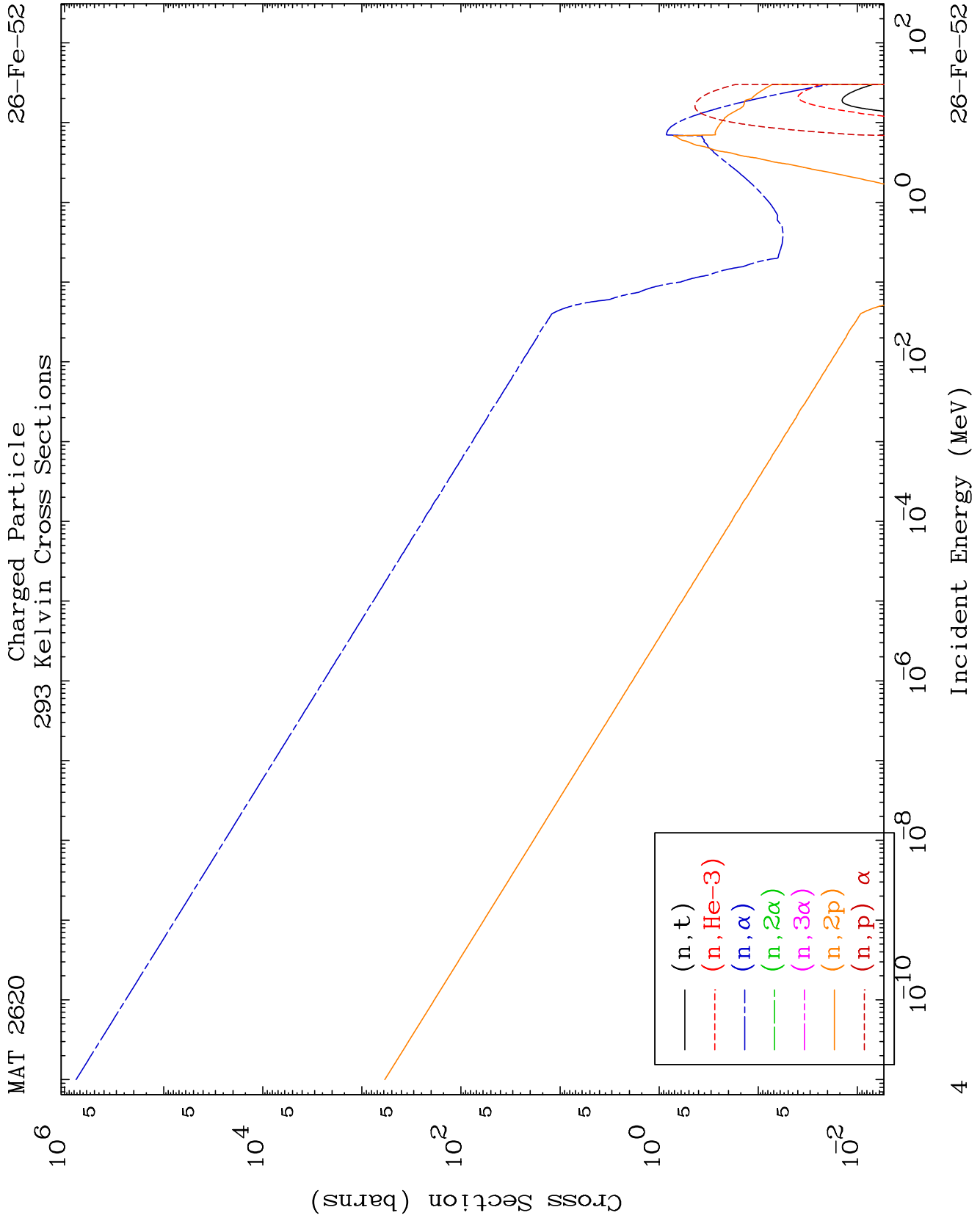
26-Fe-52

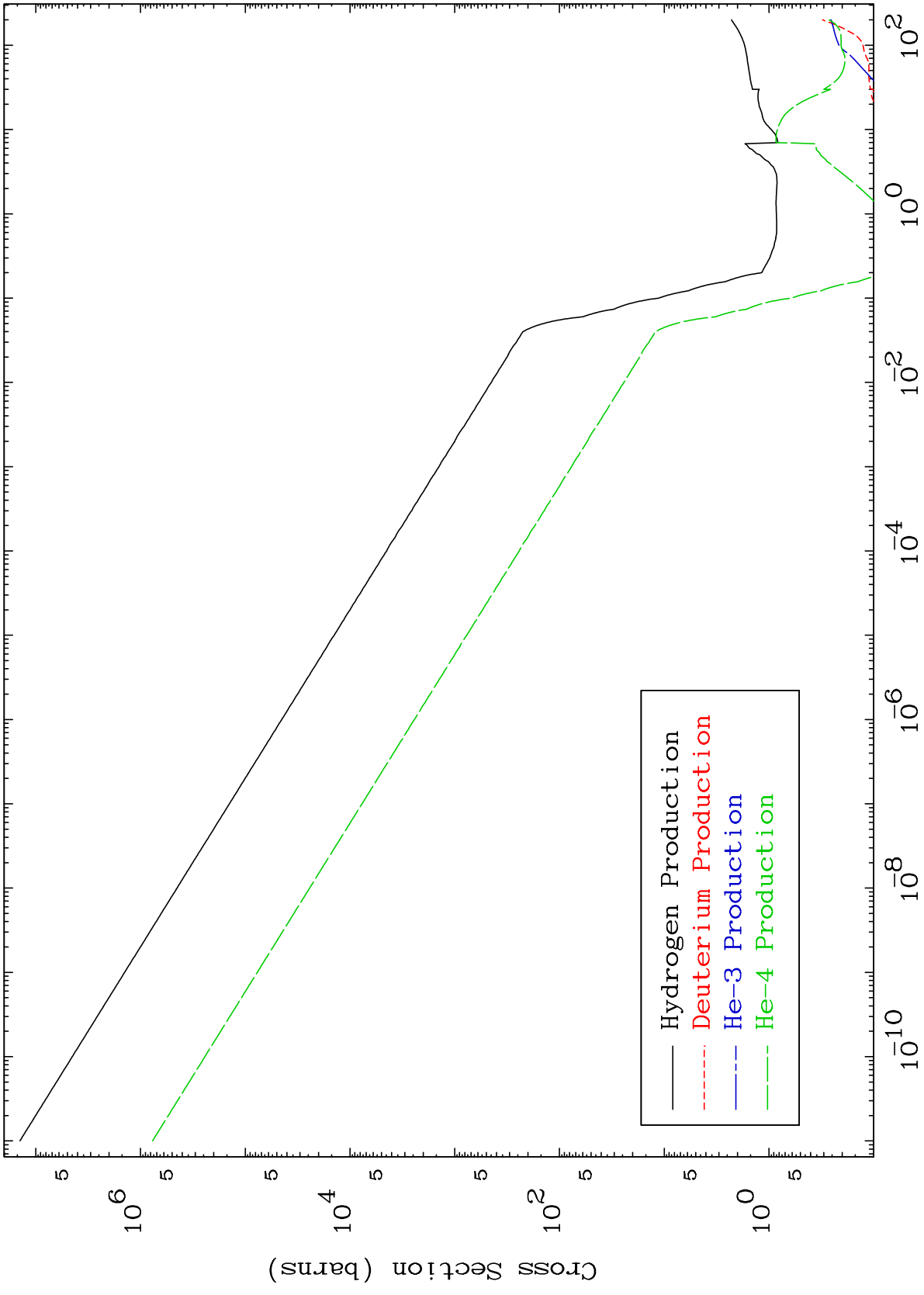
MAT 2620

Charged Particle  
293 Kelvin Cross Sections

26-Fe-52



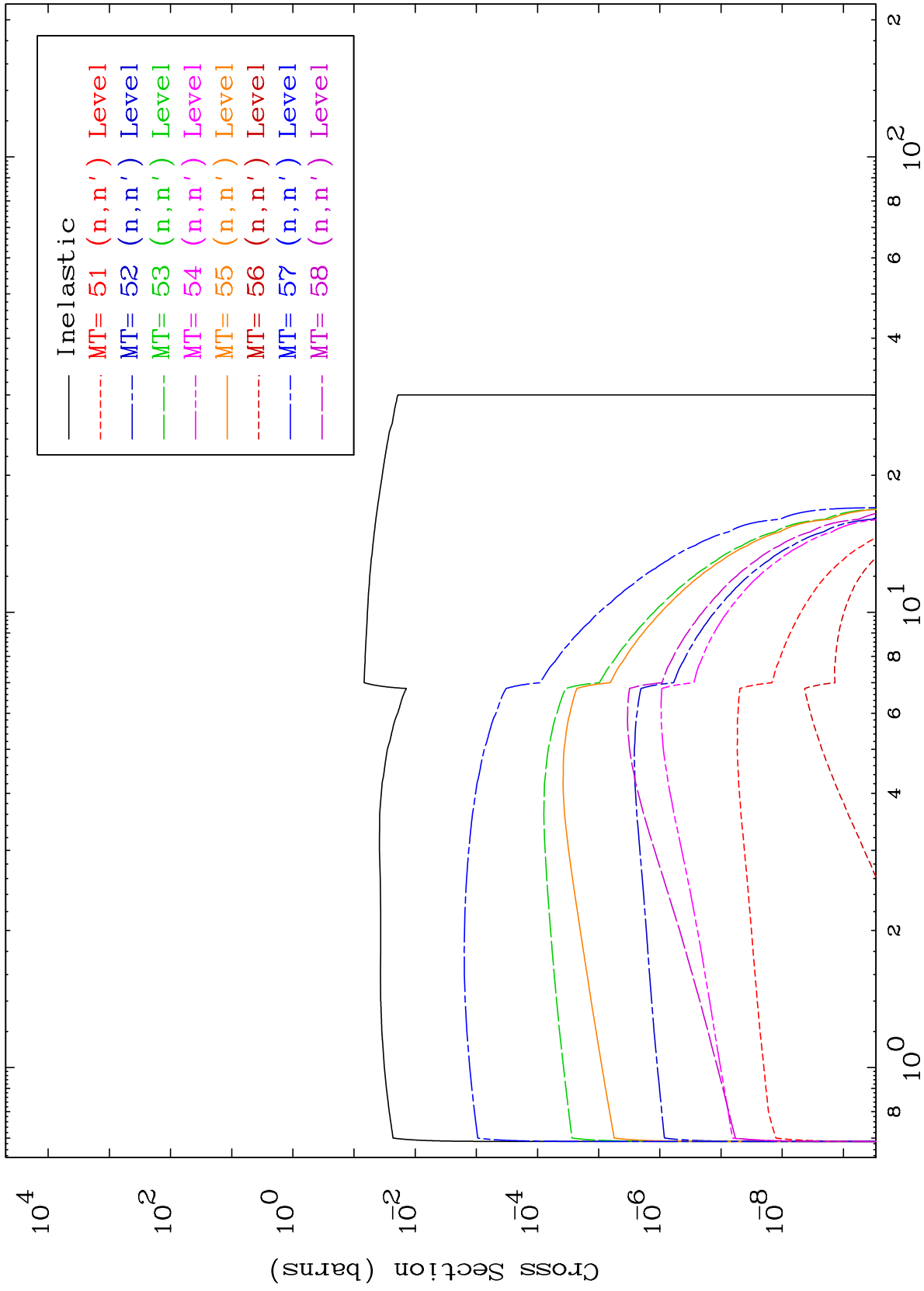




MAT 2620

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-52



6

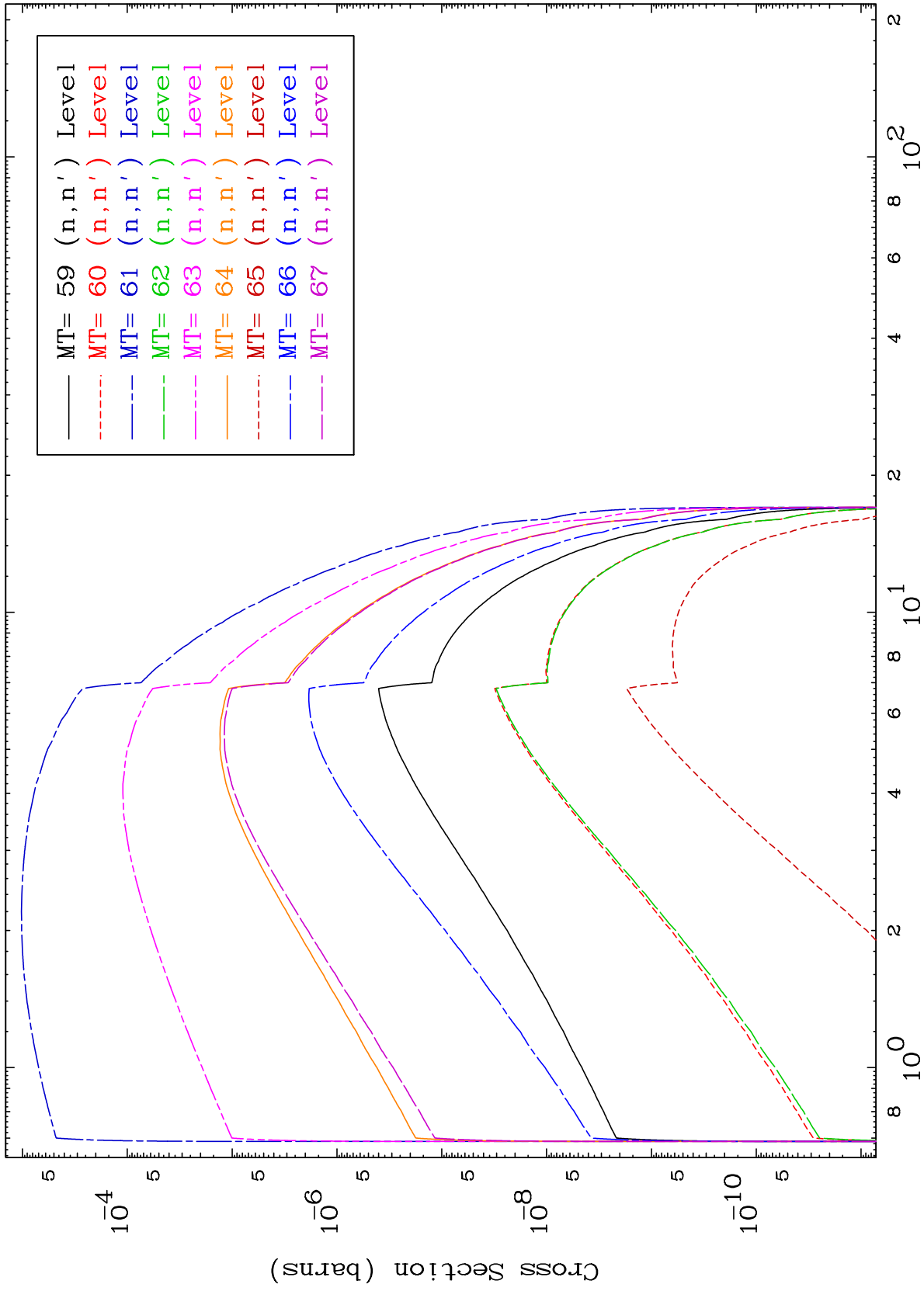
Incident Energy (MeV)

26-Fe-52

MAT 2620

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-52



7

Incident Energy (MeV)

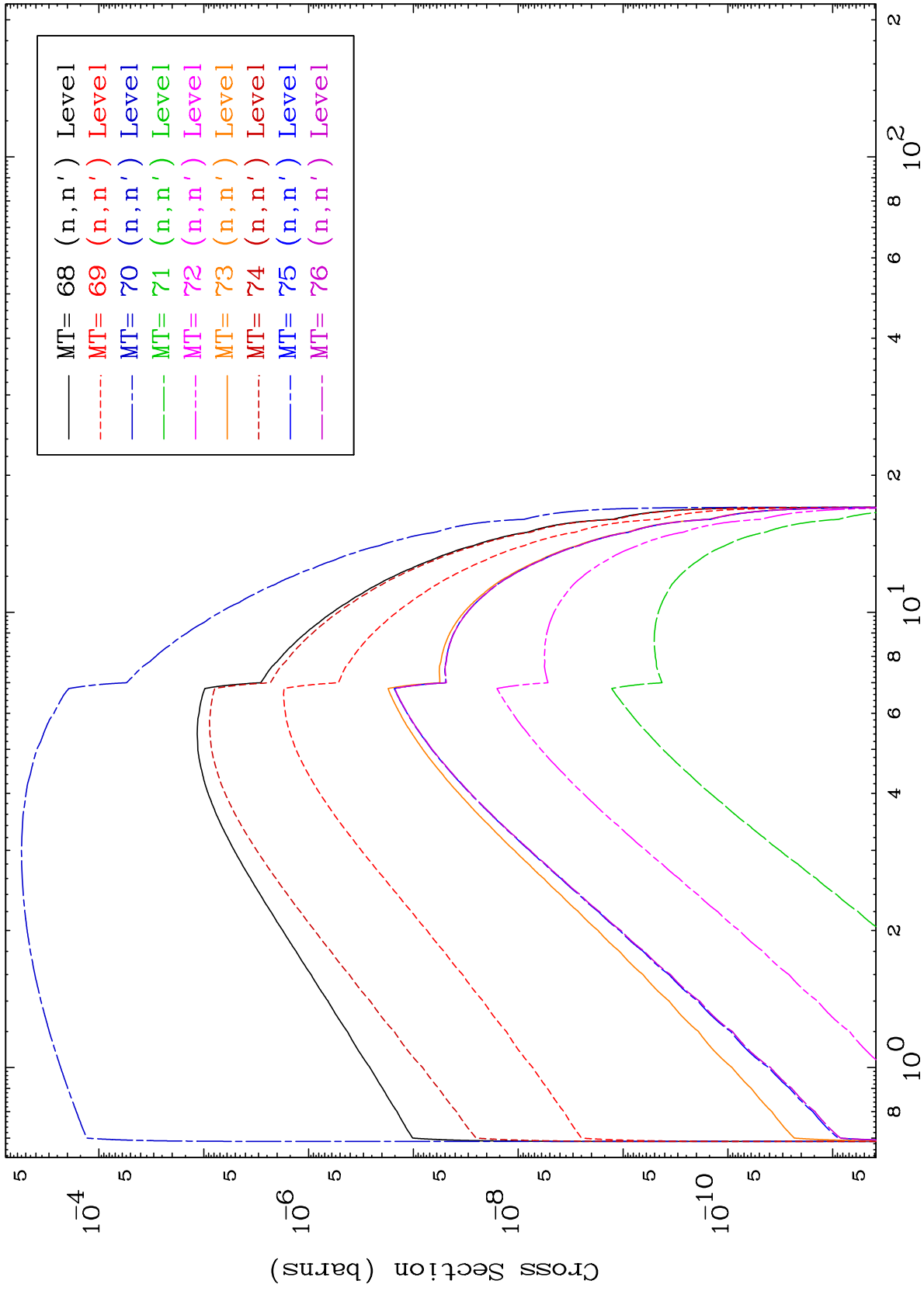
26-Fe-52



MAT 2620

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-52



8

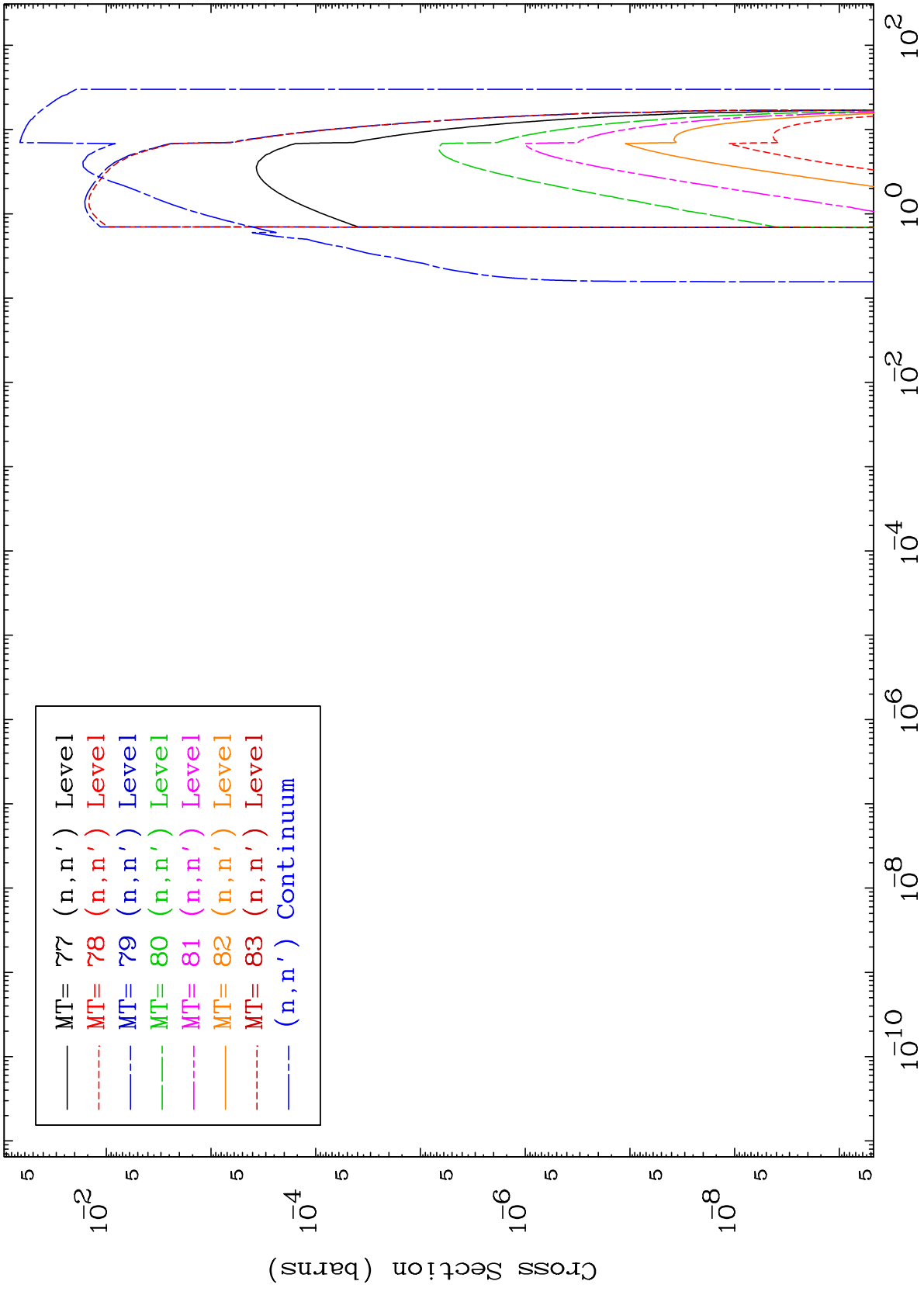
Incident Energy (MeV)

26-Fe-52

MAT 2620

(n,n') Level  
293 Kelvin Cross Sections

26-Fe-52

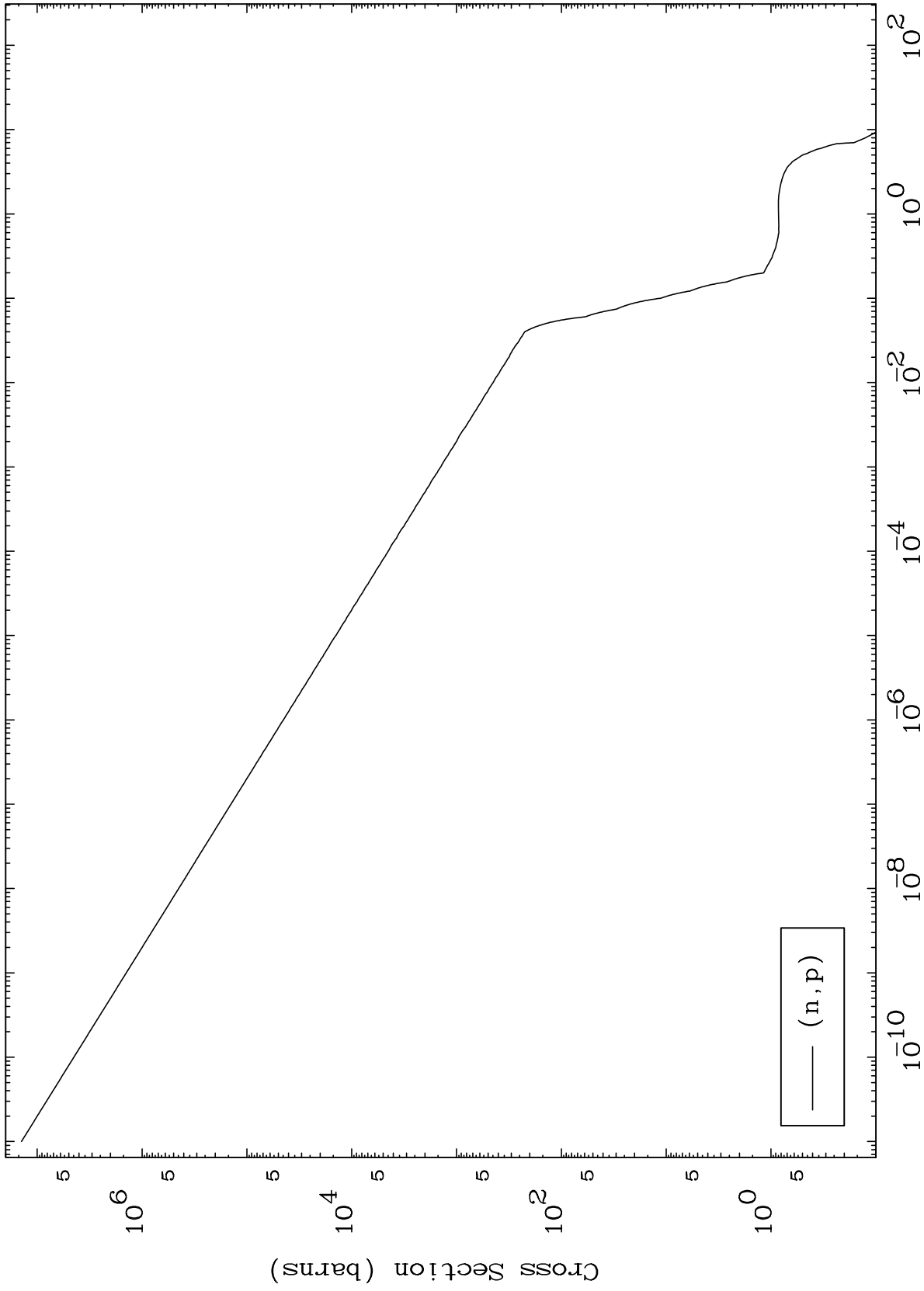


—	MT= 77	(n, n')	Level
- - -	MT= 78	(n, n')	Level
- · - ·	MT= 79	(n, n')	Level
- - -	MT= 80	(n, n')	Level
- - -	MT= 81	(n, n')	Level
—	MT= 82	(n, n')	Level
- - -	MT= 83	(n, n')	Level
- · - ·	(n, n')	Continuum	

MAT 2620

(n,p) Levels  
293 Kelvin Cross Sections

26-Fe-52



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Incident Energy (MeV)

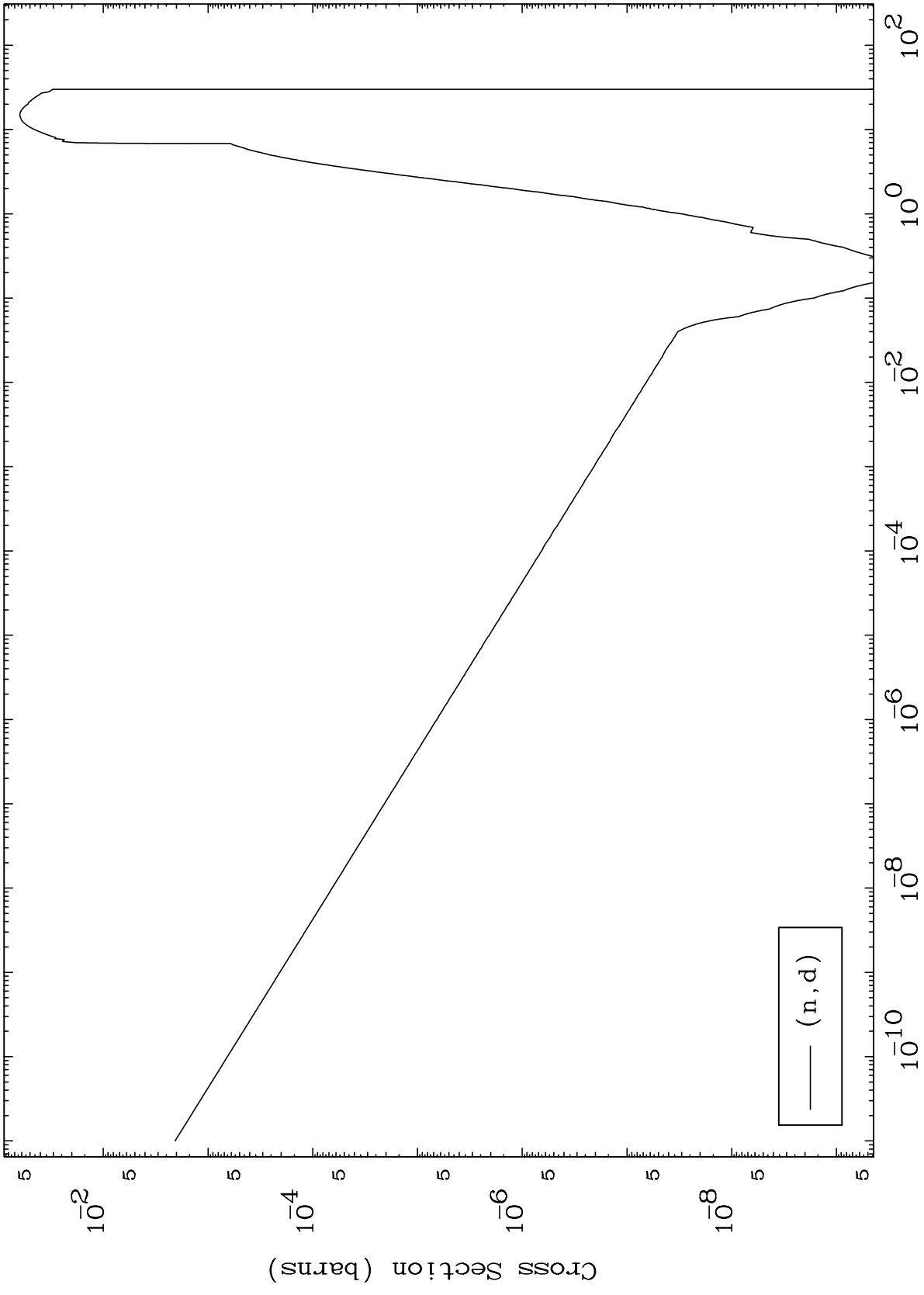
26-Fe-52

— (n,p)

MAT 2620

(n,d) Levels  
293 Kelvin Cross Sections

26-Fe-52

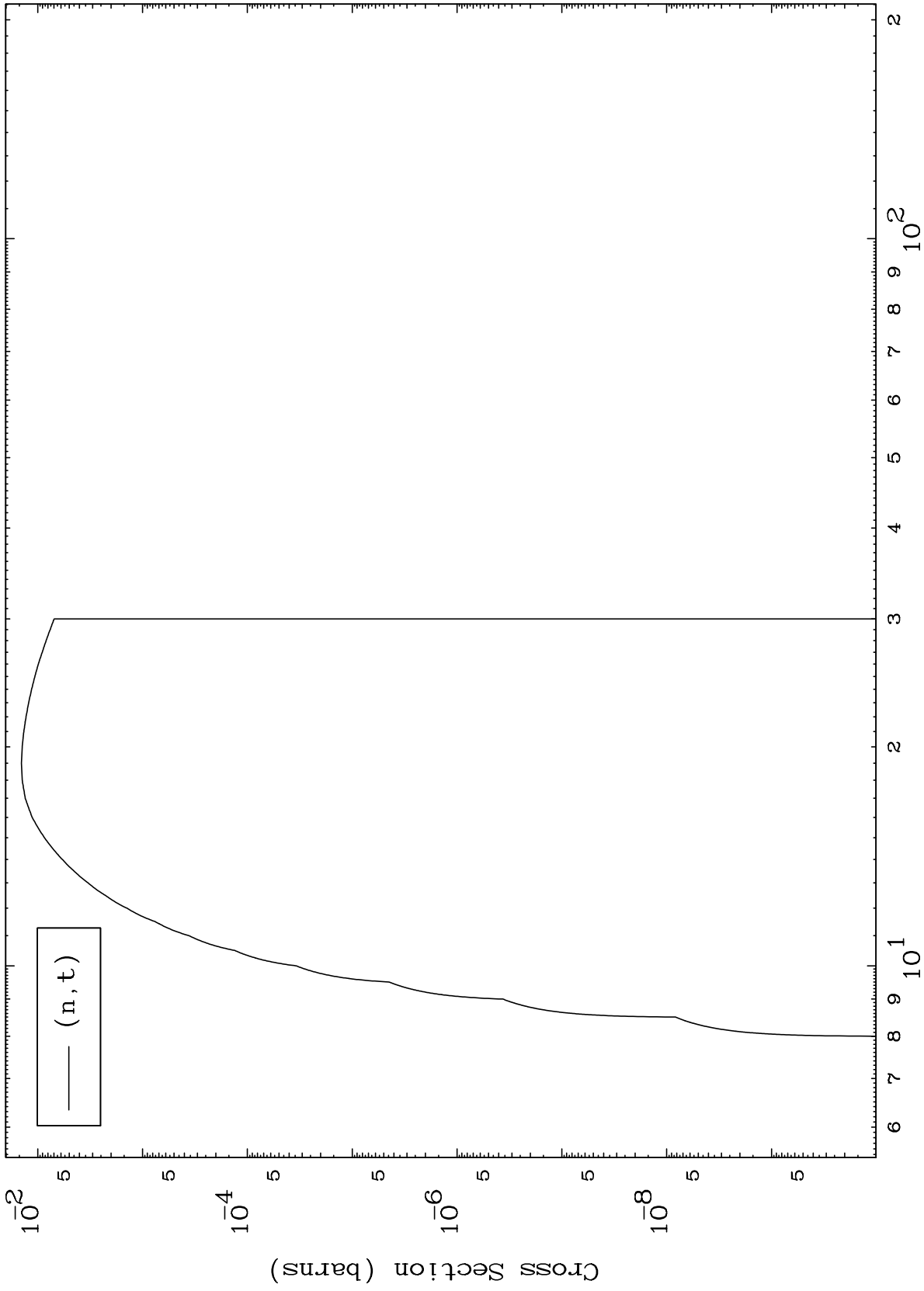


26-Fe-52

MAT 2620

<sup>26</sup>Fe-52

(n,t) Levels  
293 Kelvin Cross Sections



12

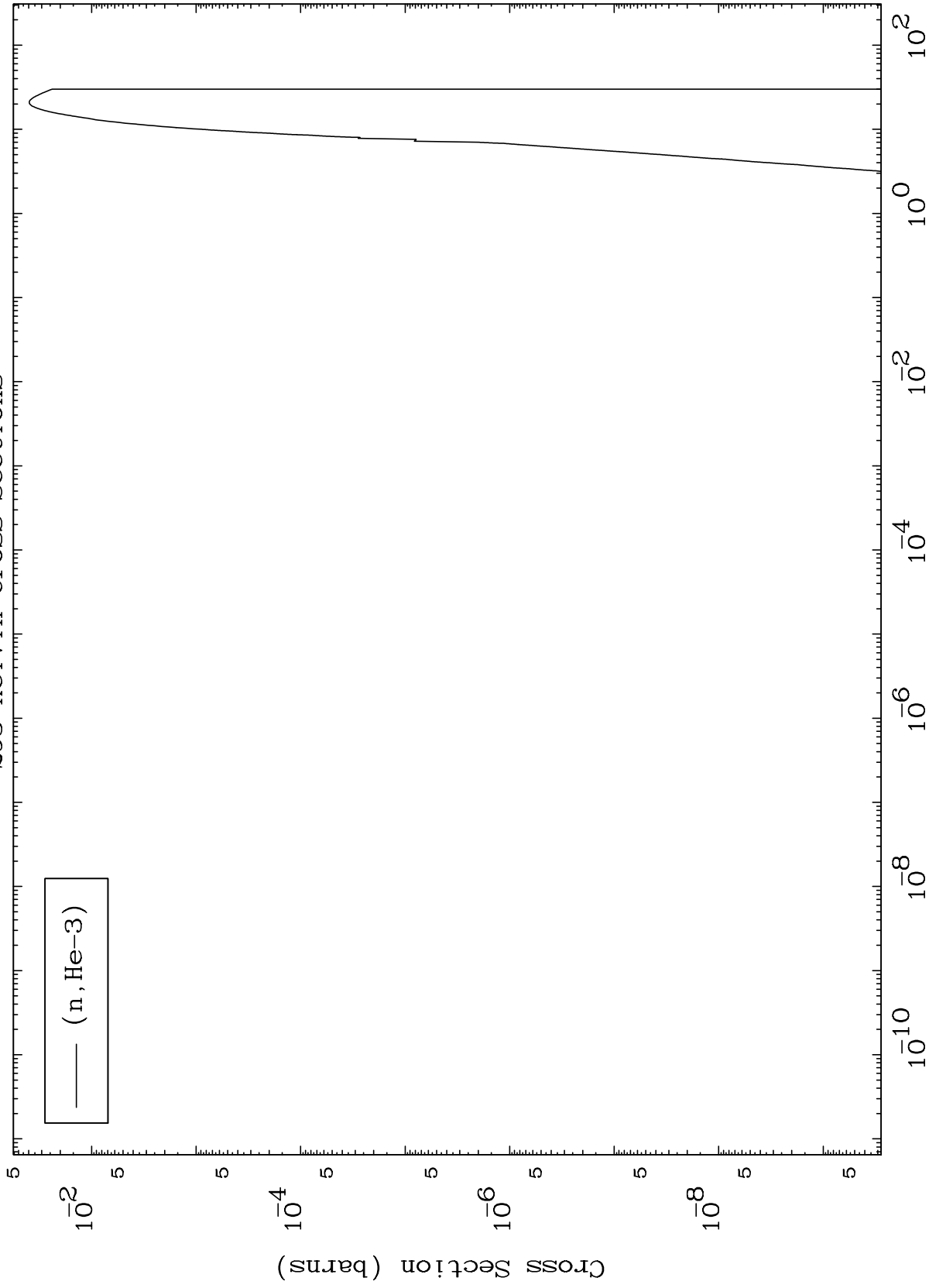
Incident Energy (MeV)

<sup>26</sup>Fe-52

MAT 2620

(n,He3) Levels  
293 Kelvin Cross Sections

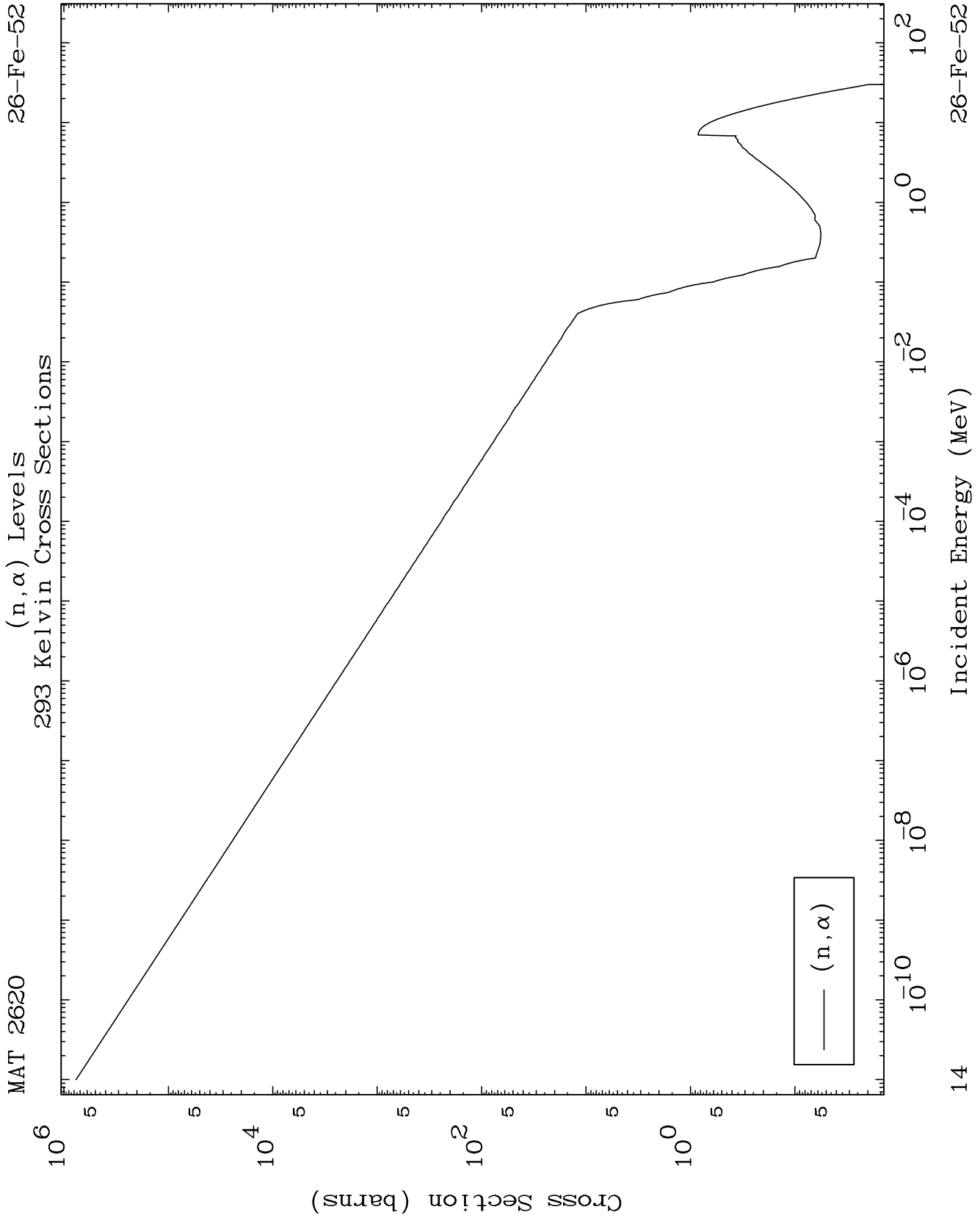
26-Fe-52

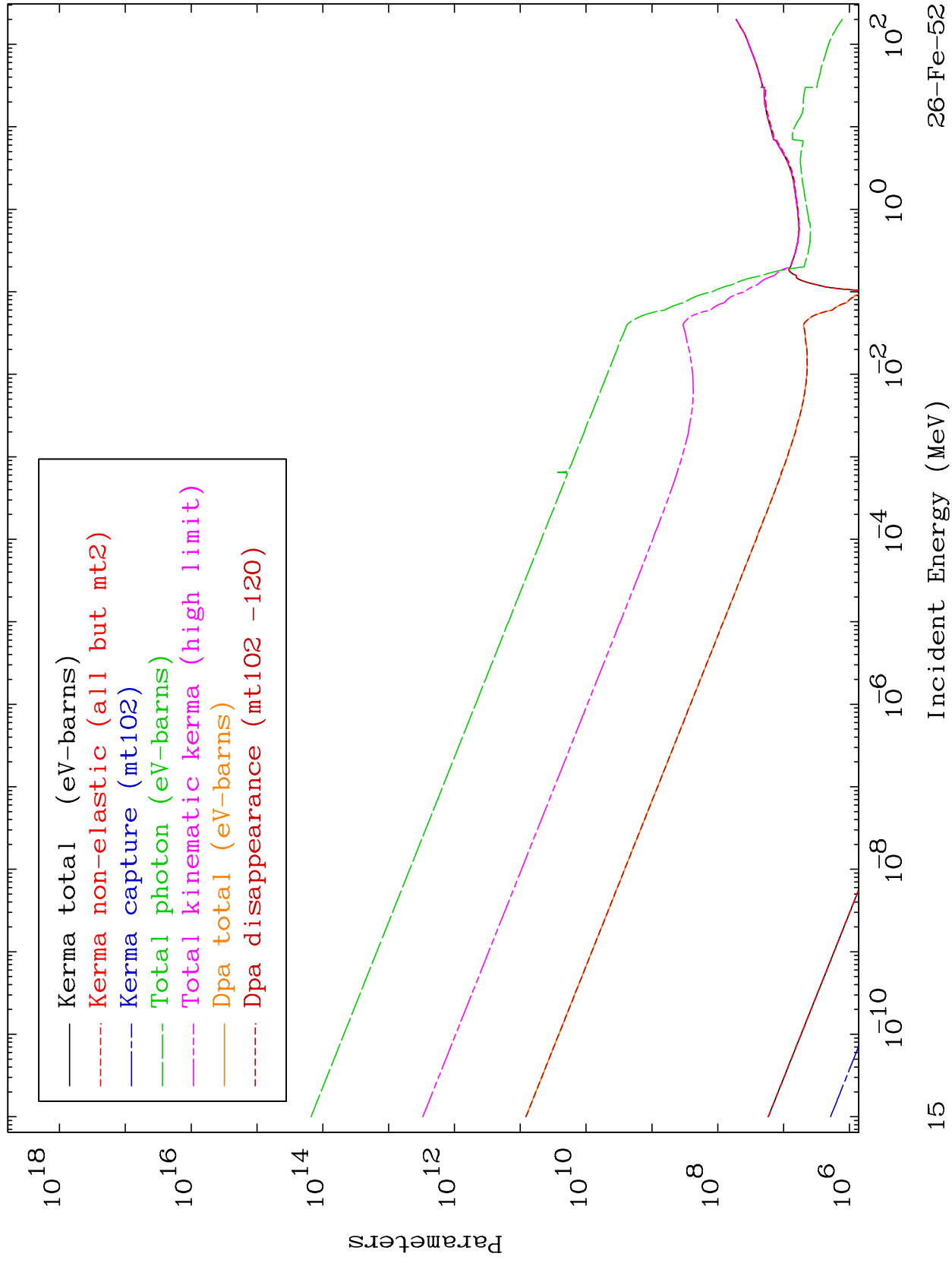


13

Incident Energy (MeV)

26-Fe-52



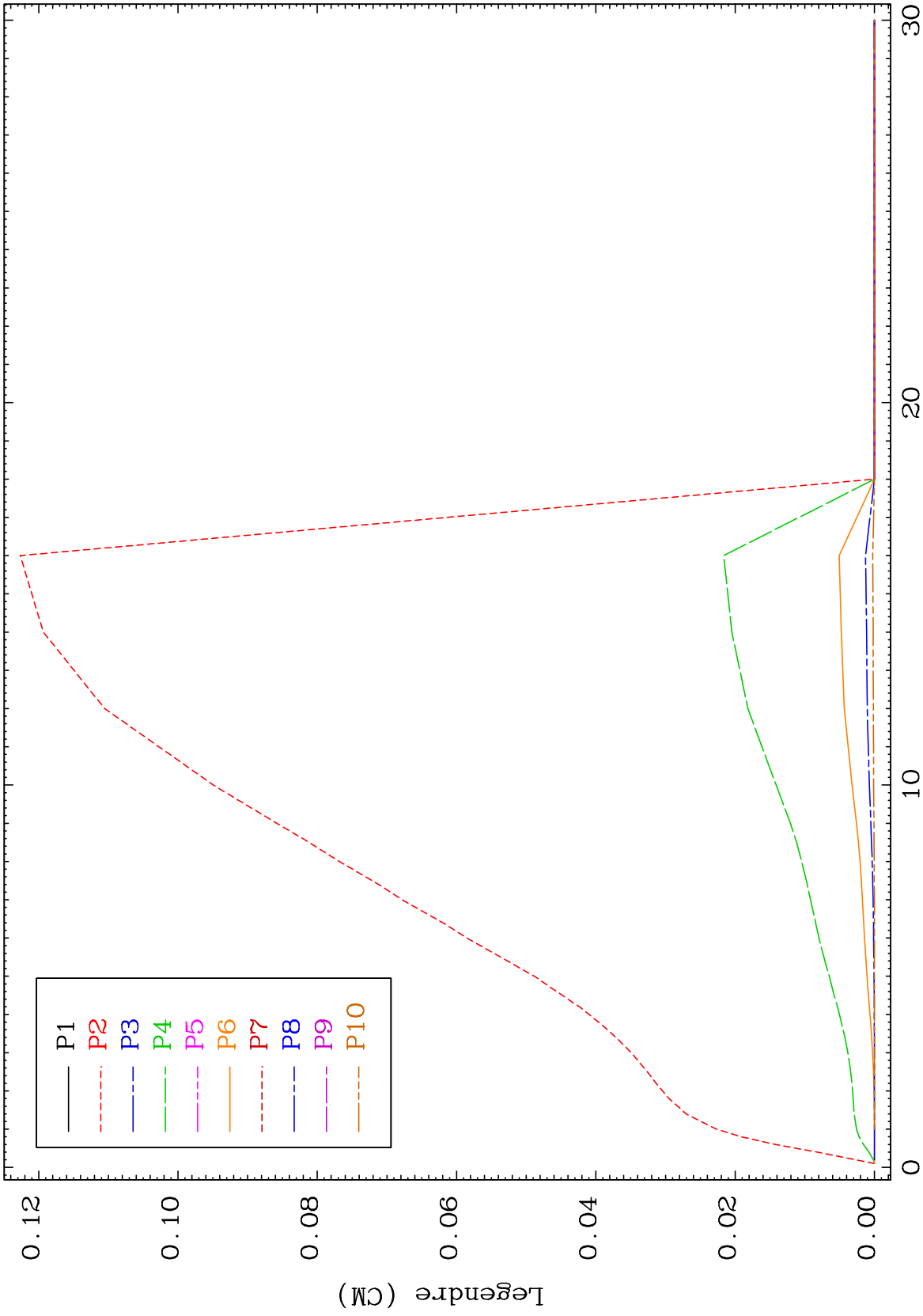




MAT 2620

26-Fe-52

Elastic Legendre Coefficients



26-Fe-52

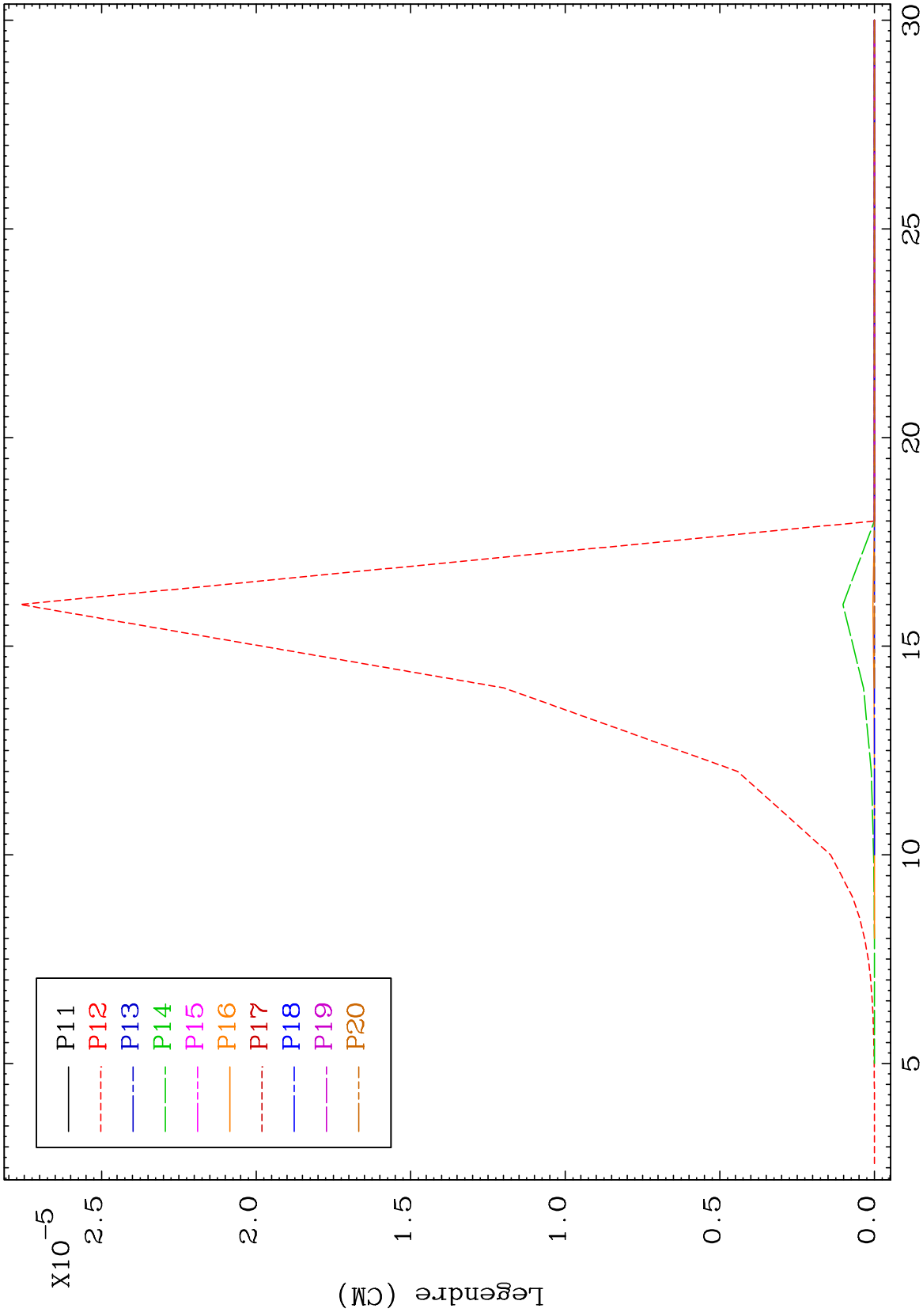
Incident Energy (MeV)

16

MAT 2620

26-Fe-52

Elastic Legendre Coefficients



17

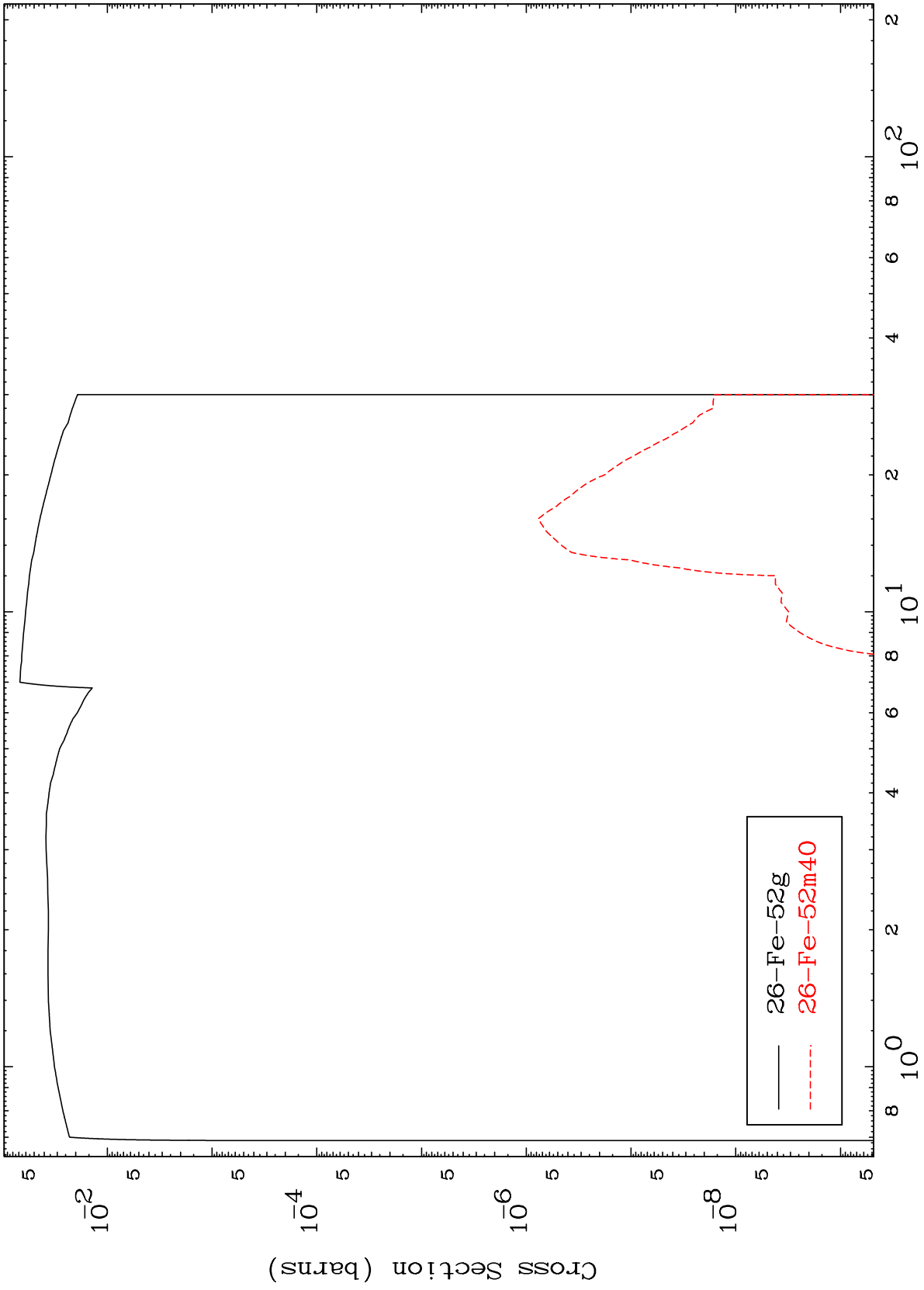
26-Fe-52

Incident Energy (MeV)

MAT 2620

Inelastic  
Radionuclide Production Cross Section

<sup>26</sup>Fe-52

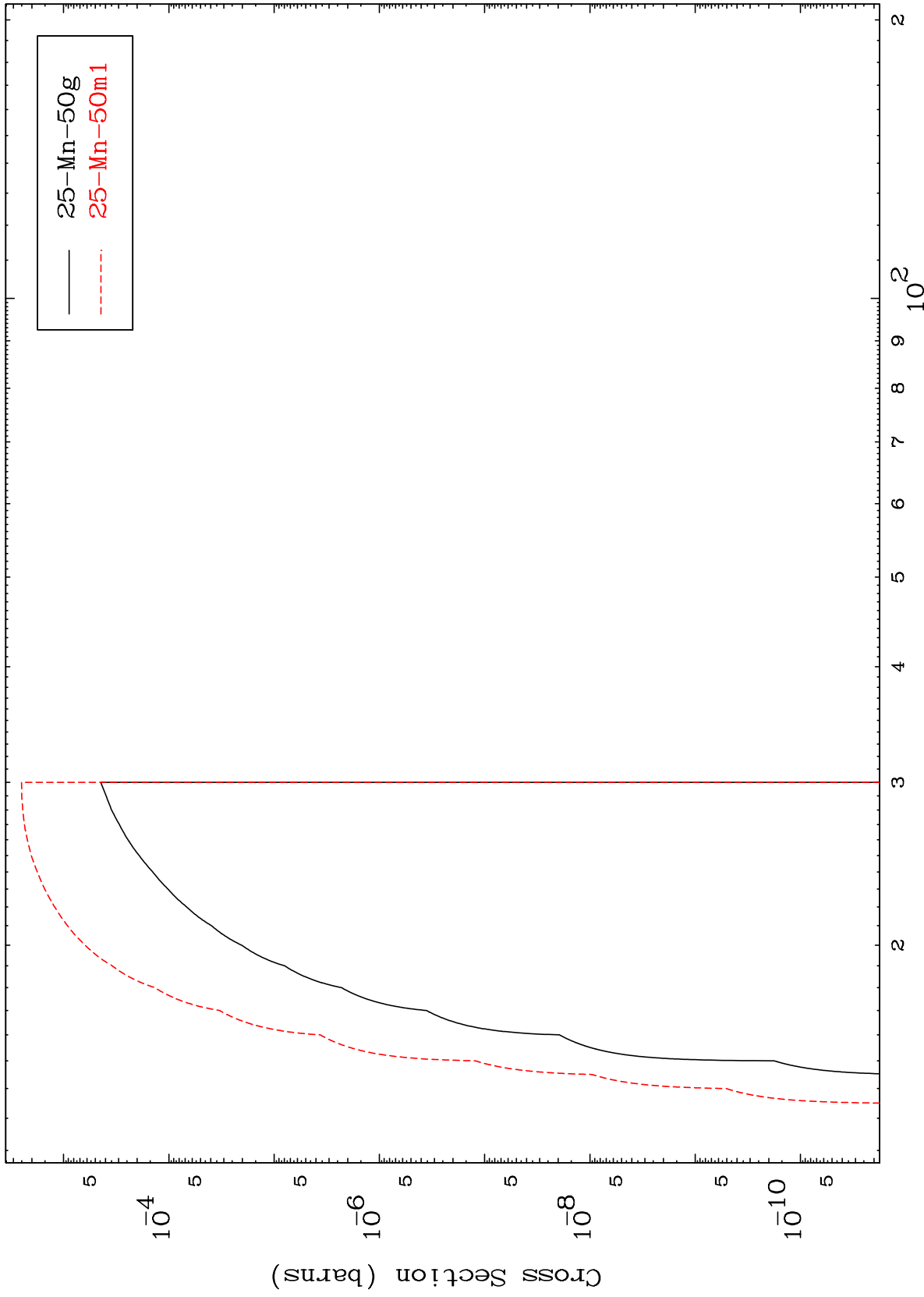


18

Incident Energy (MeV)

<sup>26</sup>Fe-52

Radionuclide Production Cross Section

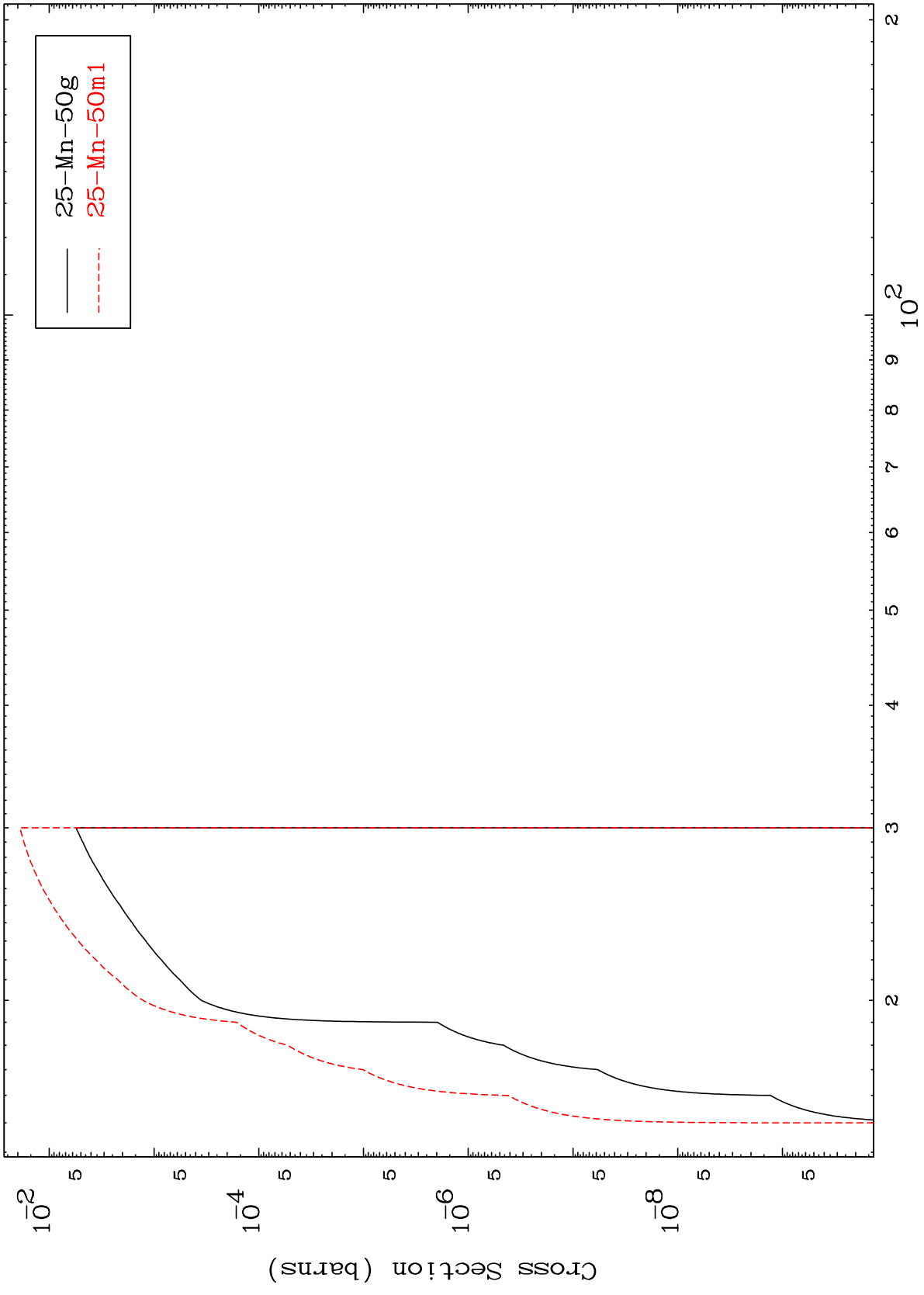


MAT 2620

(n,2n) p

<sup>26</sup>Fe-52

Radionuclide Production Cross Section



20

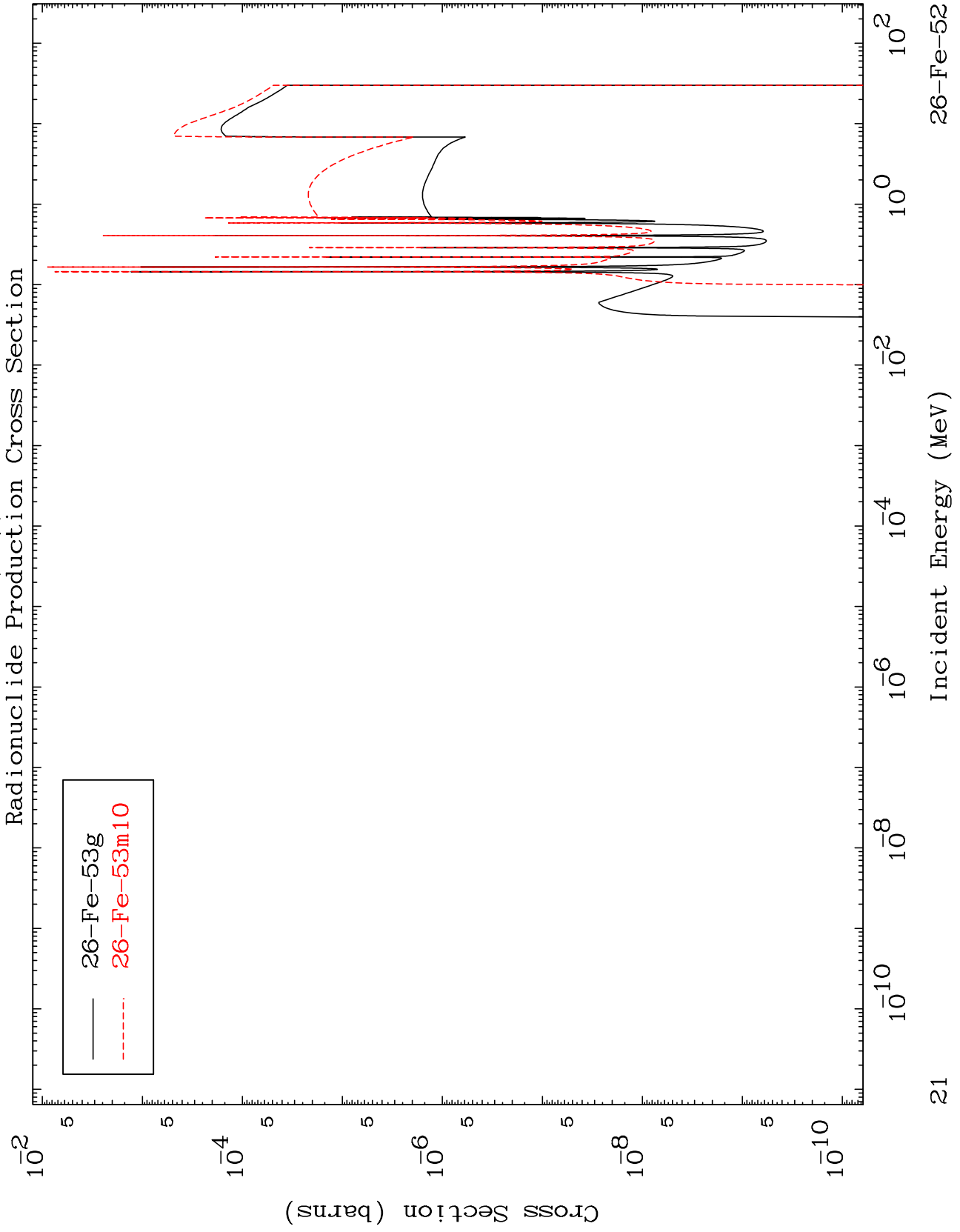
Incident Energy (MeV)

<sup>26</sup>Fe-52

MAT 2620

(n,  $\gamma$ )

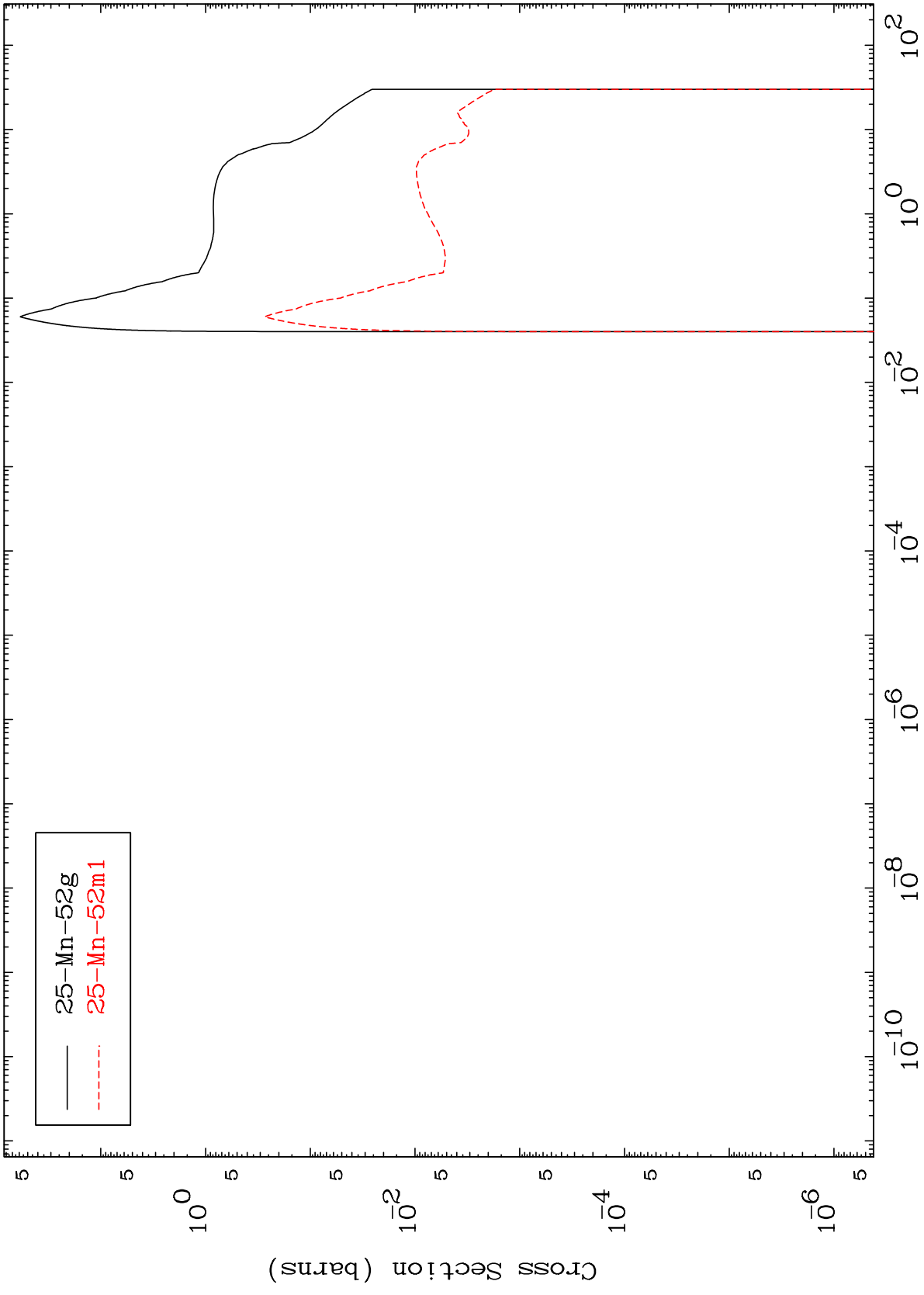
<sup>26</sup>Fe-52



MAT 2620

(n,p)  
Radionuclide Production Cross Section

<sup>26</sup>Fe-52



22

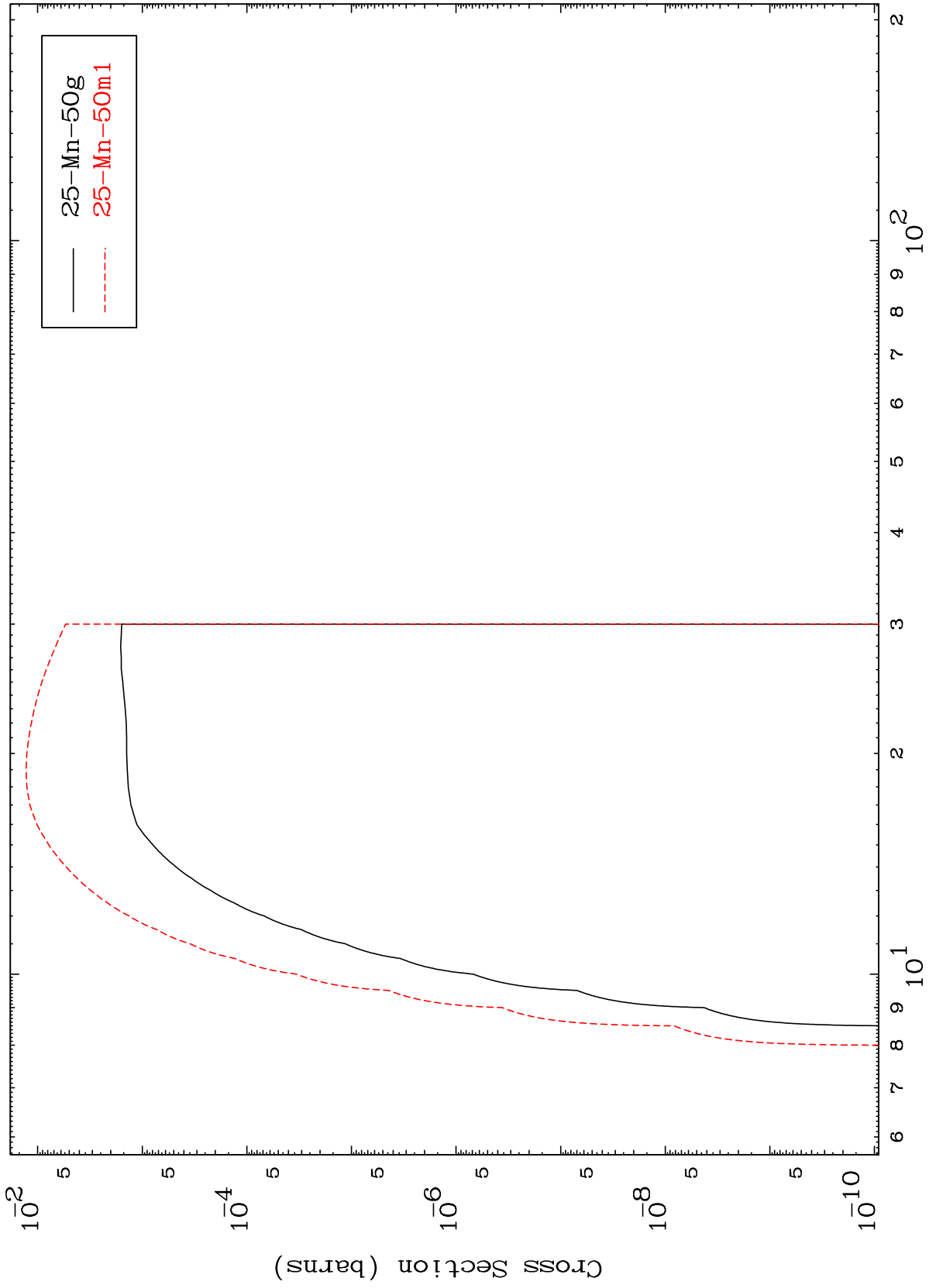
Incident Energy (MeV)

<sup>26</sup>Fe-52

MAT 2620

<sup>26</sup>Fe-52

(n, t)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

<sup>26</sup>Fe-52