

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

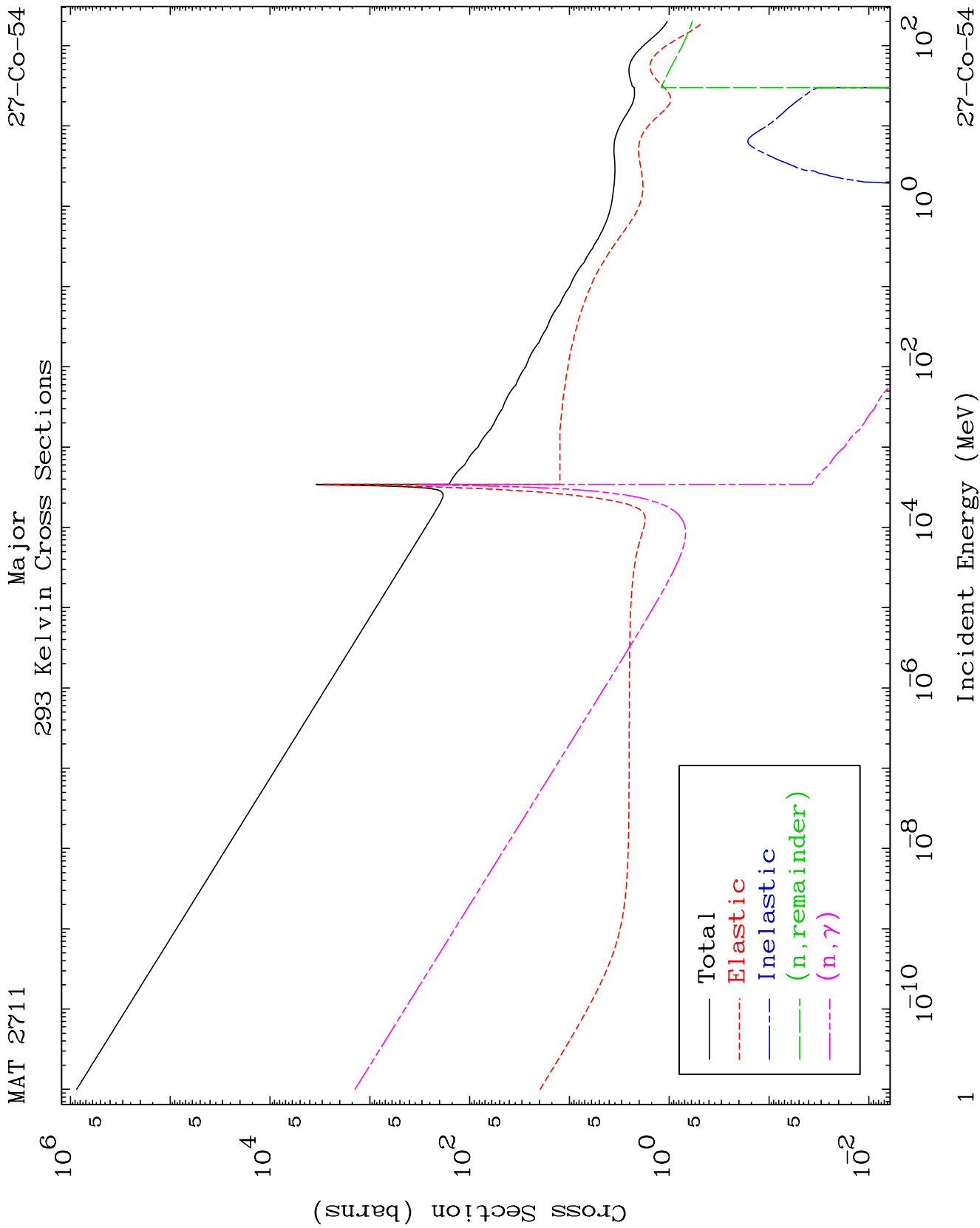
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

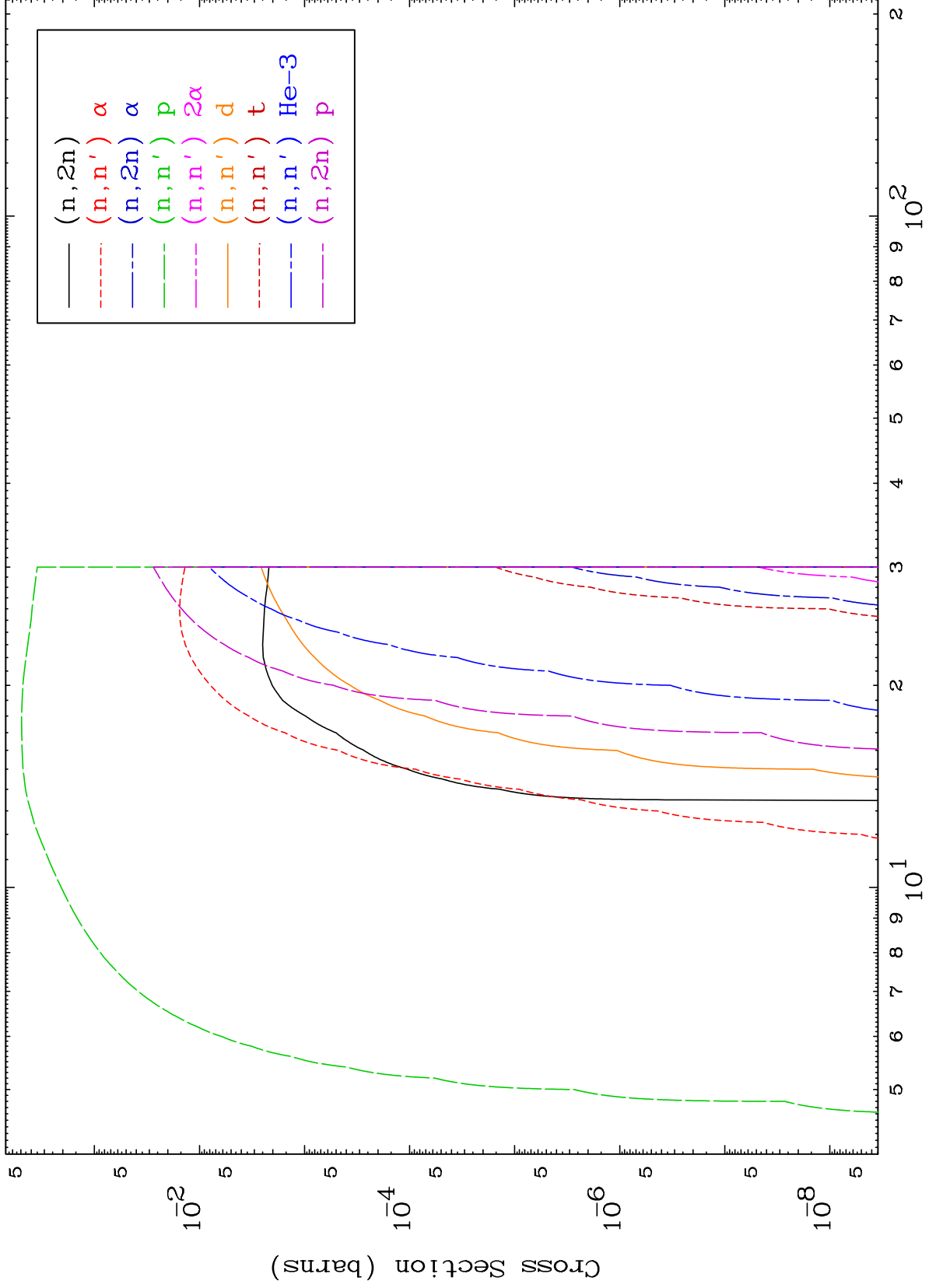
Tele: 925-443-1911

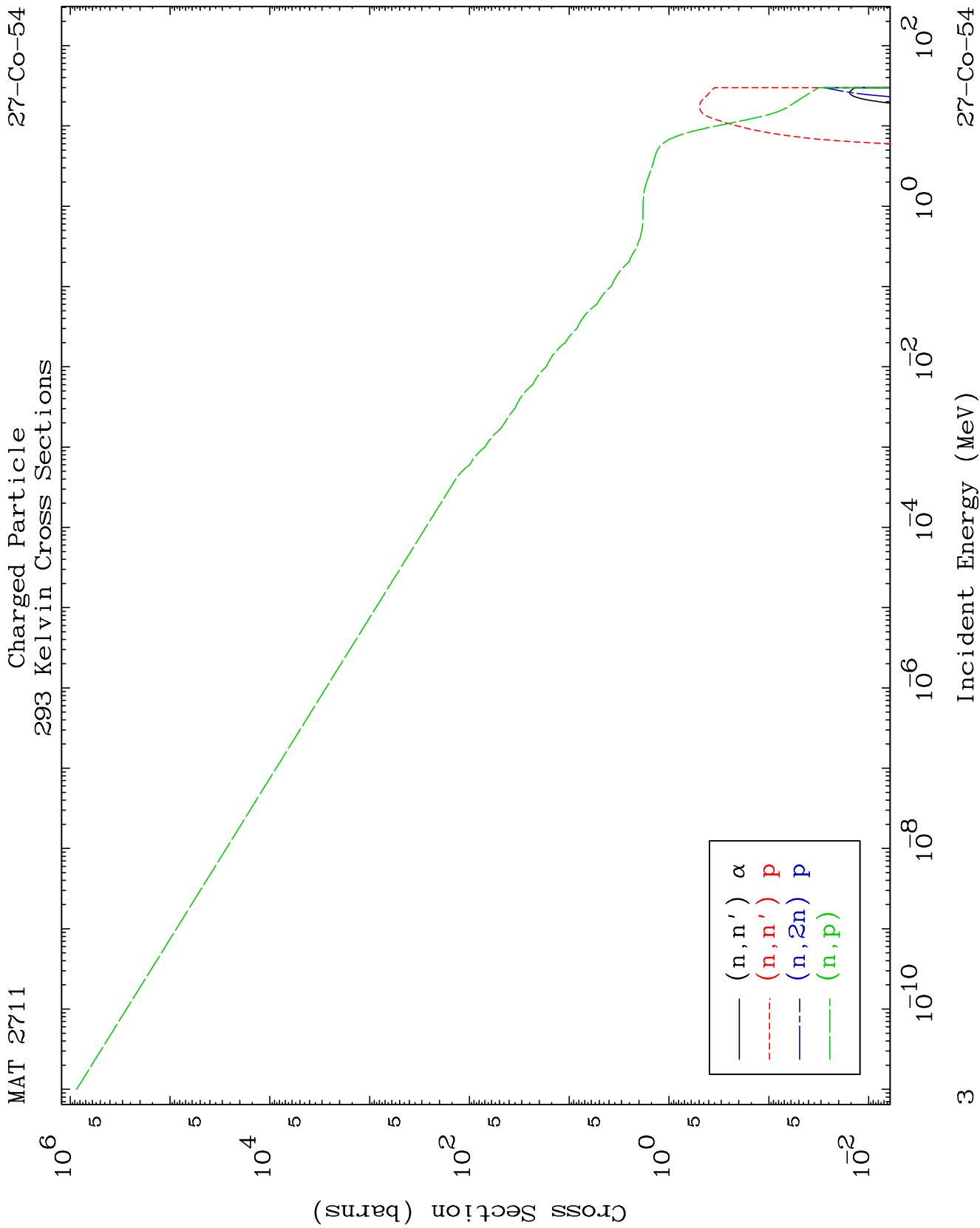
E.Mail:redcullen1@comcast.net

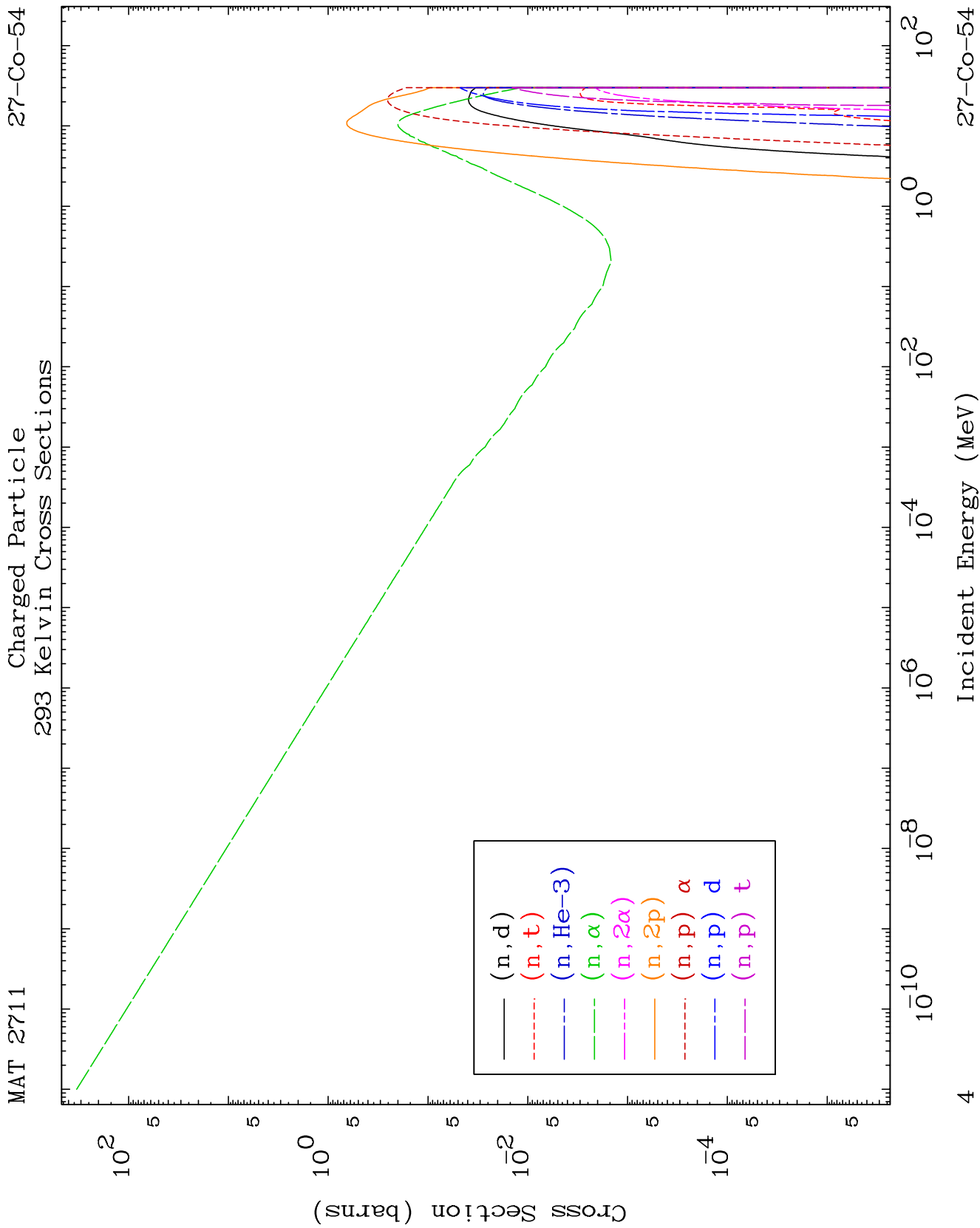
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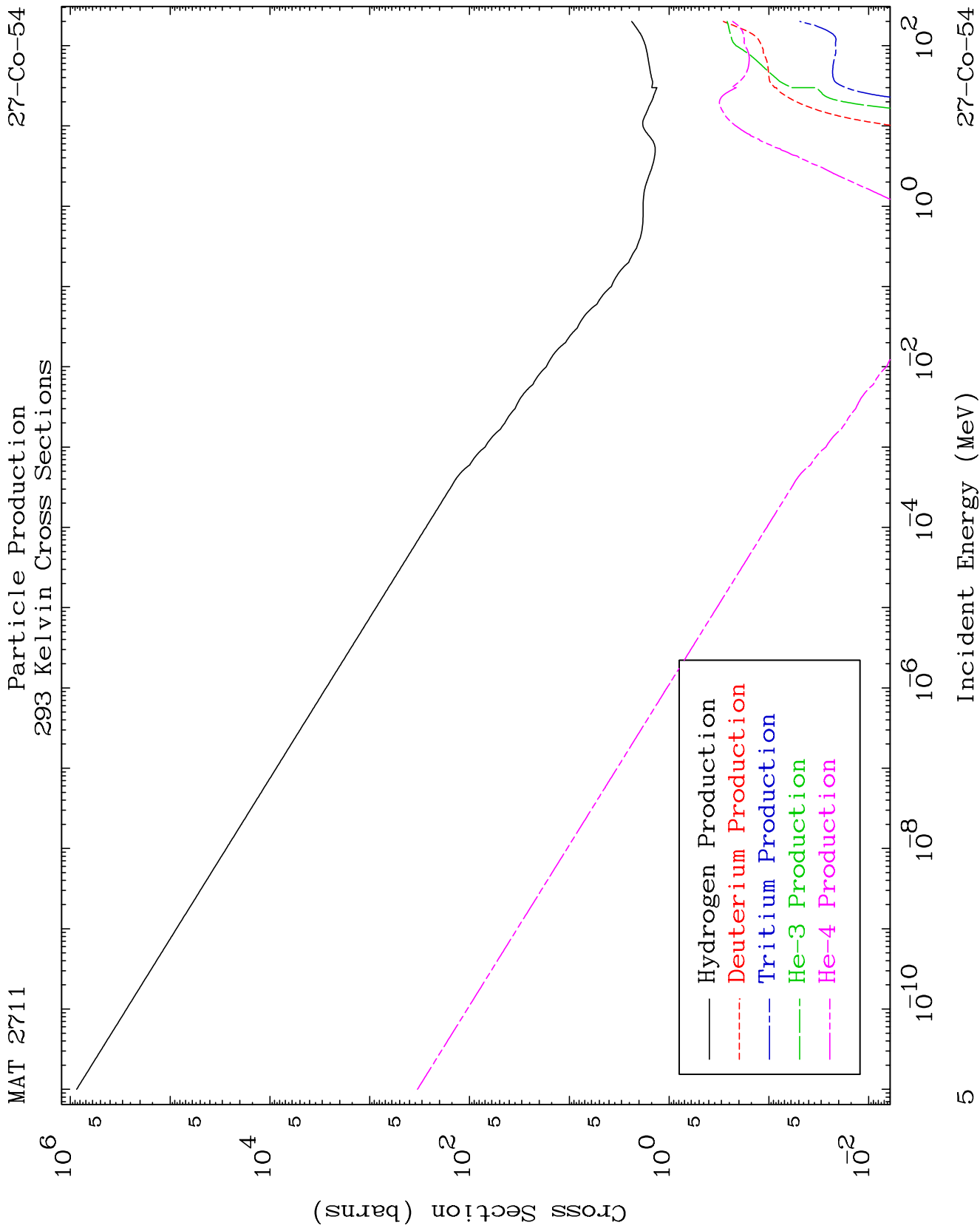
Press Mouse Button to Start









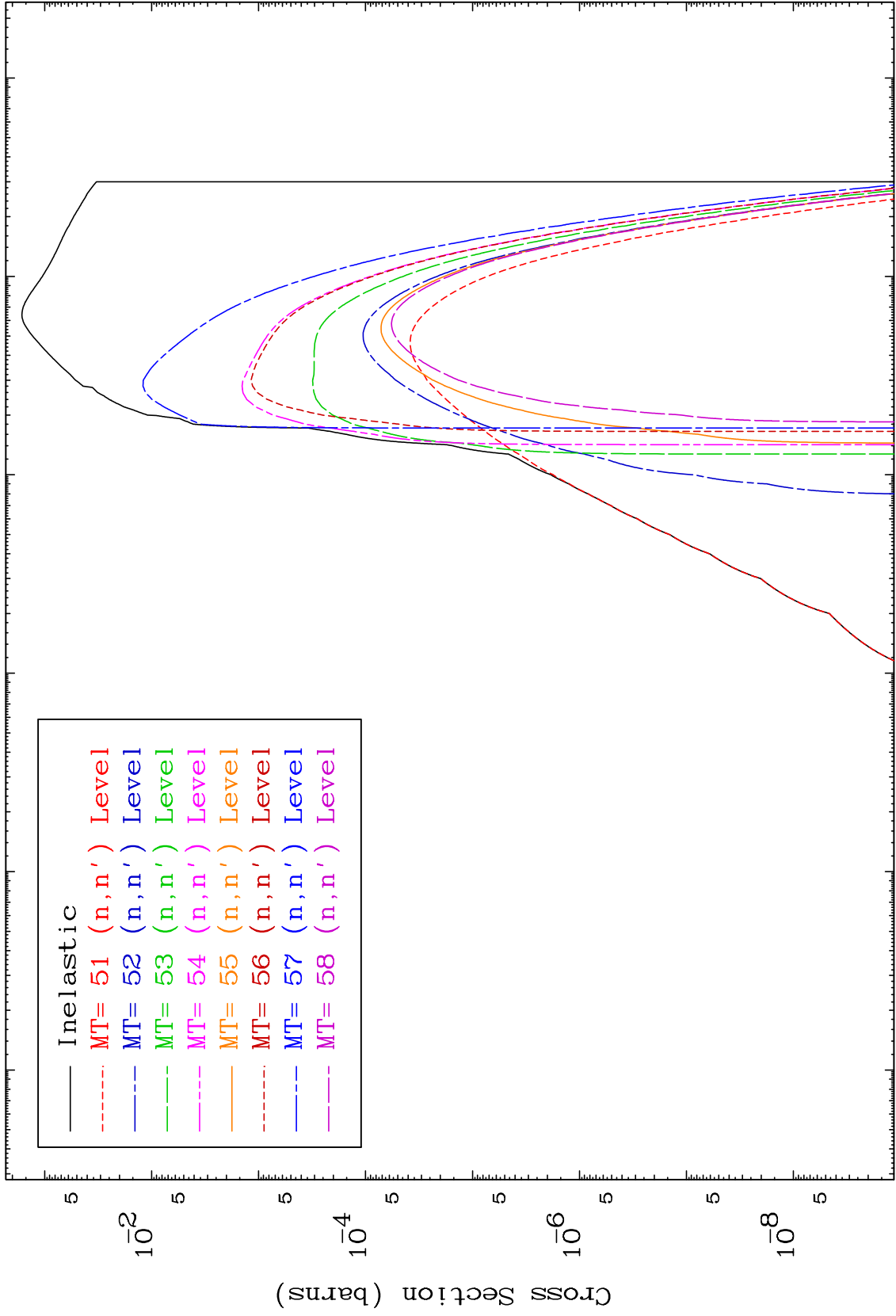


MAT 2711

(n,n') Level

27-Co-54

293 Kelvin Cross Sections



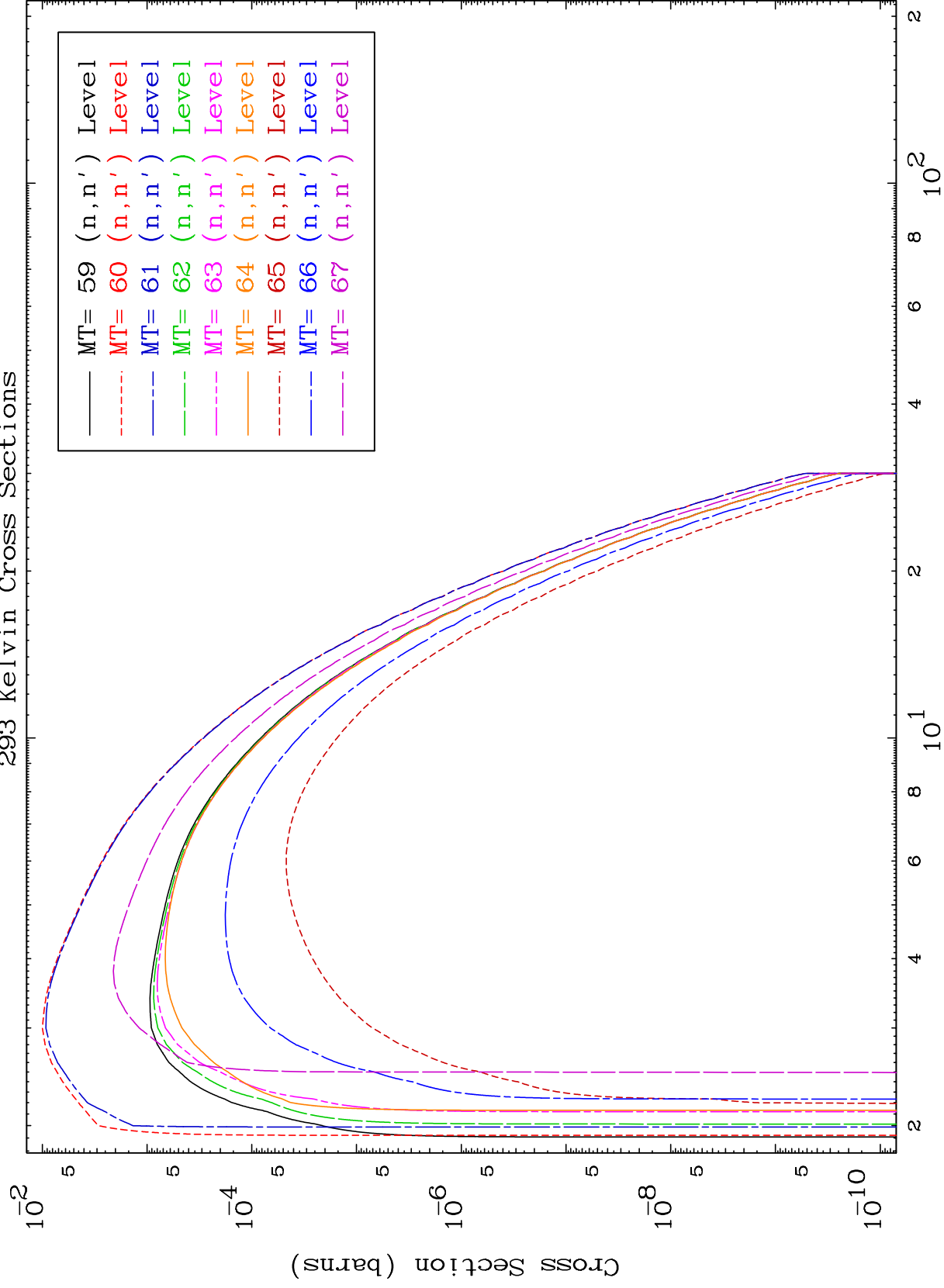
—	Inelastic
- - -	MT= 51 (n,n') Level
- . -	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- . -	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- . -	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- . -	MT= 58 (n,n') Level

MAT 2711

(n,n') Level

293 Kelvin Cross Sections

27-Co-54

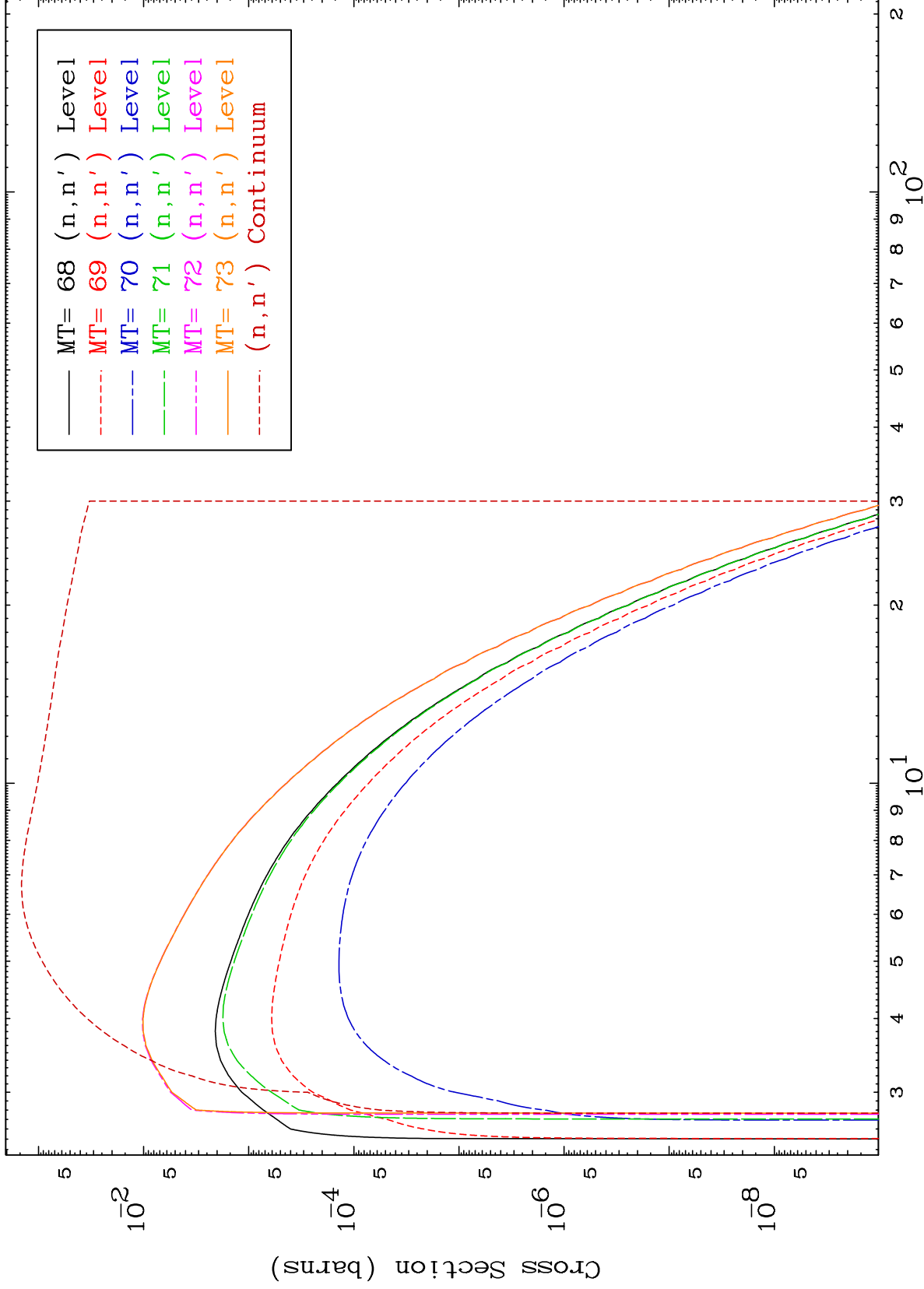


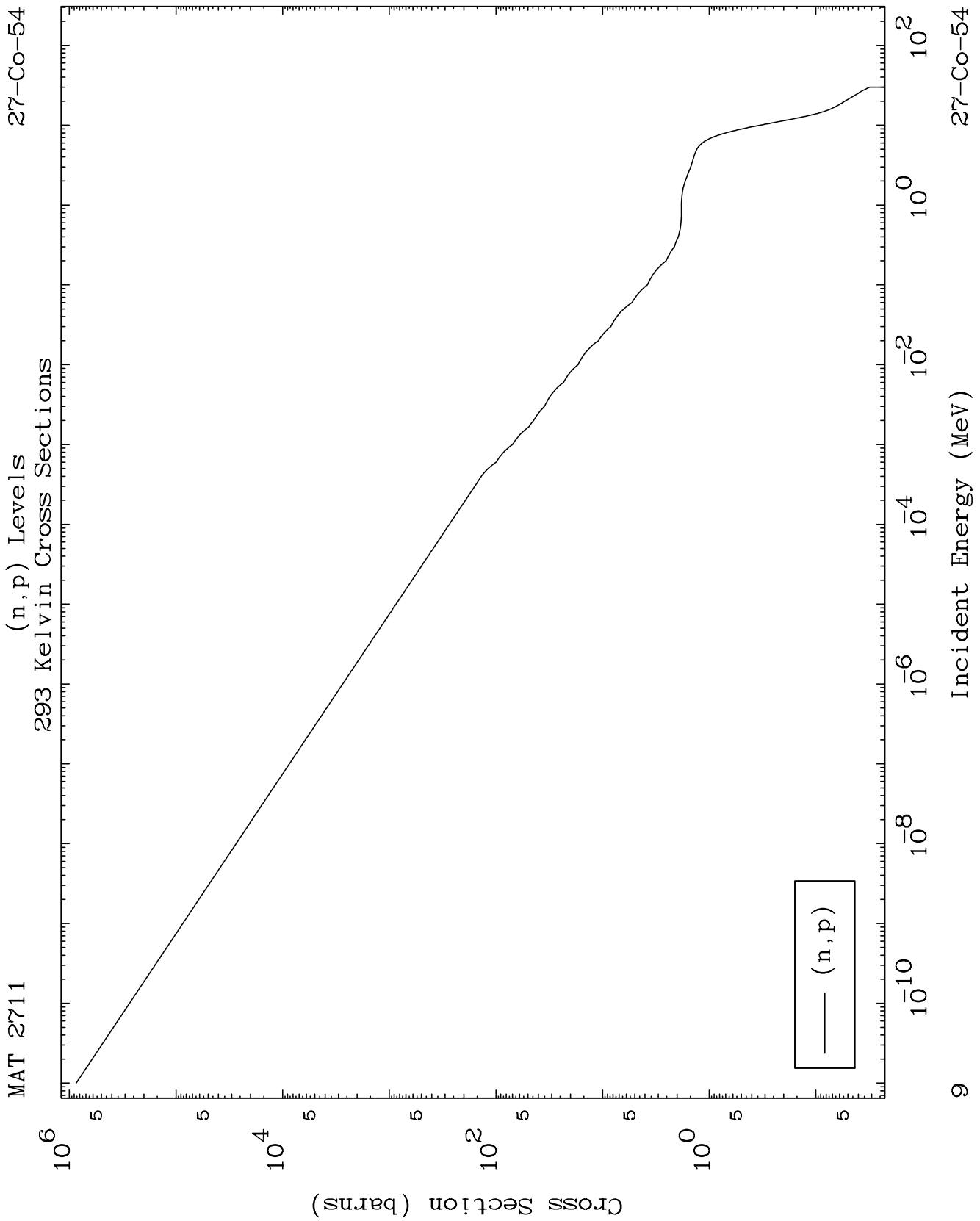
7

Incident Energy (MeV)

27-Co-54

293 Kelvin Cross Sections

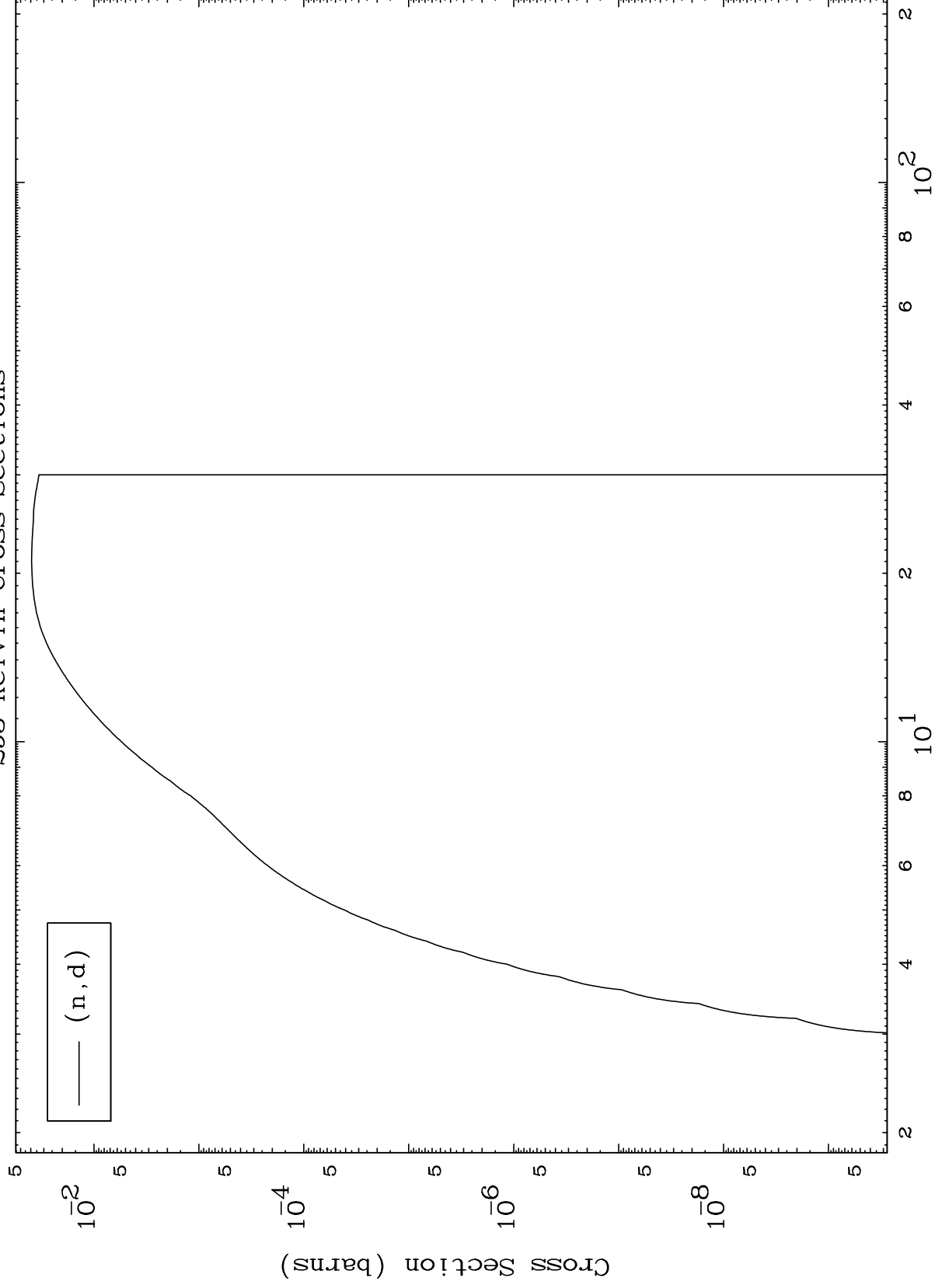




MAT 2711

(n,d) Levels
293 Kelvin Cross Sections

27-Co-54



10

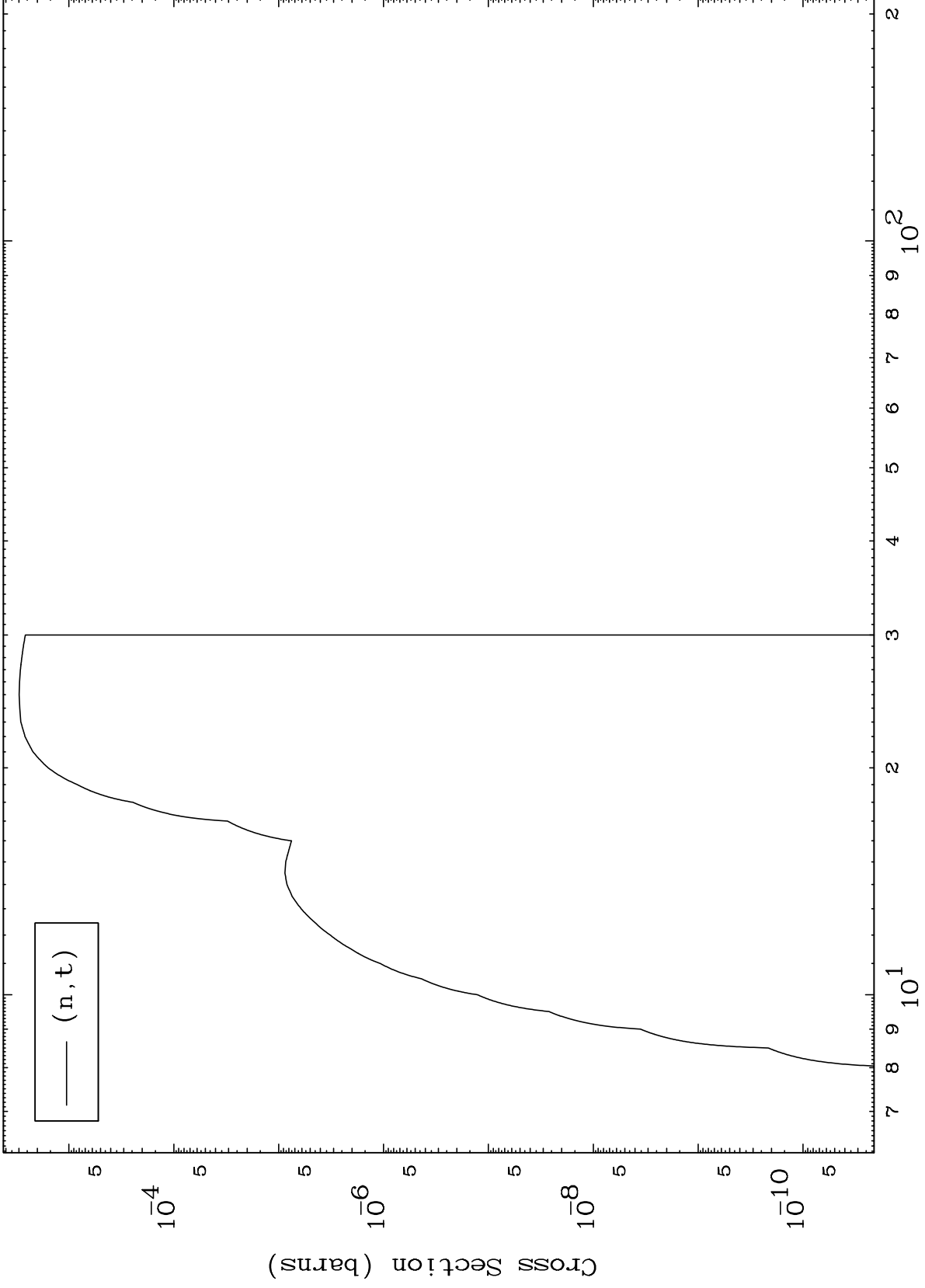
Incident Energy (MeV)

27-Co-54

MAT 2711

(n,t) Levels
293 Kelvin Cross Sections

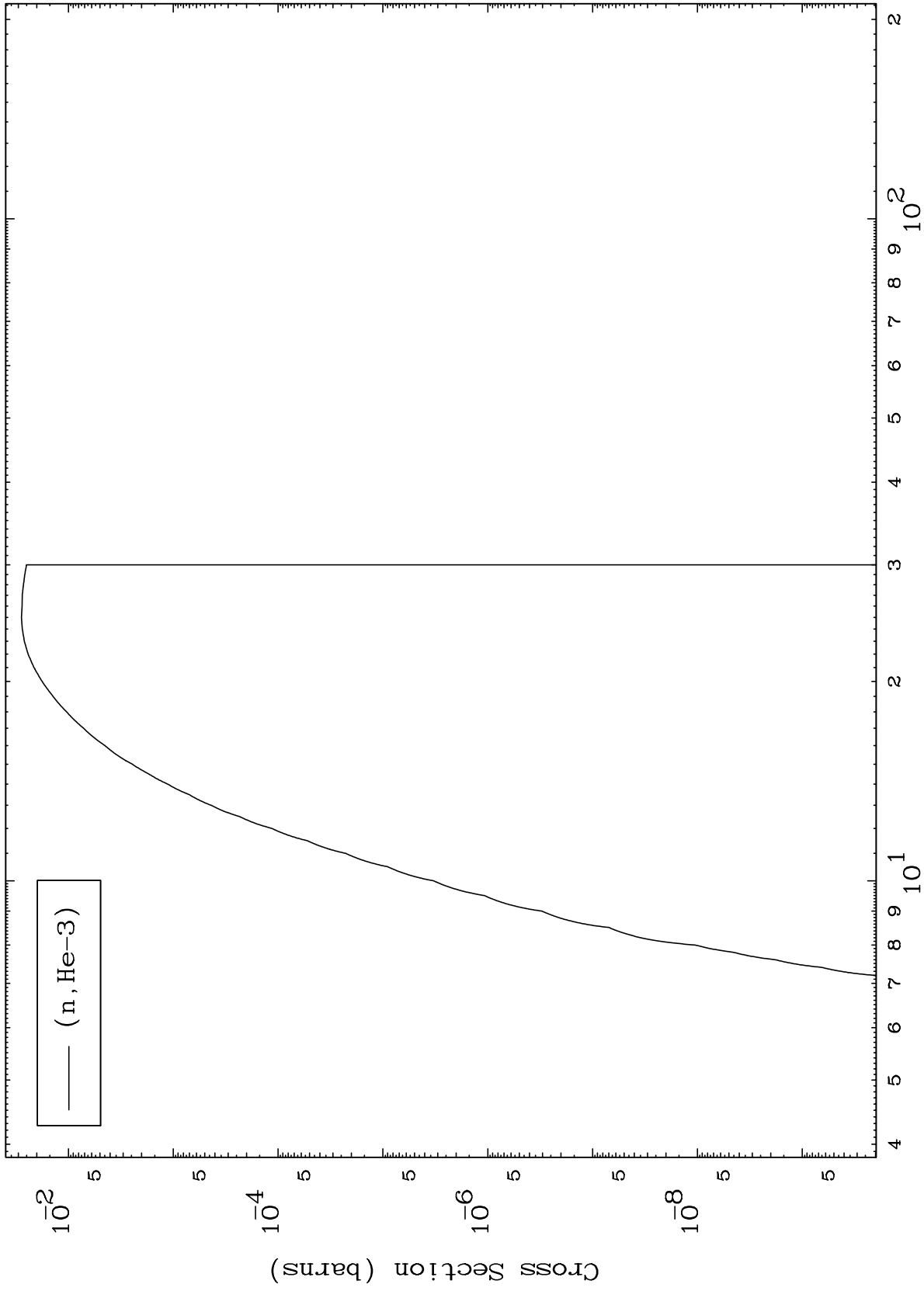
27-Co-54



MAT 2711

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-54



12

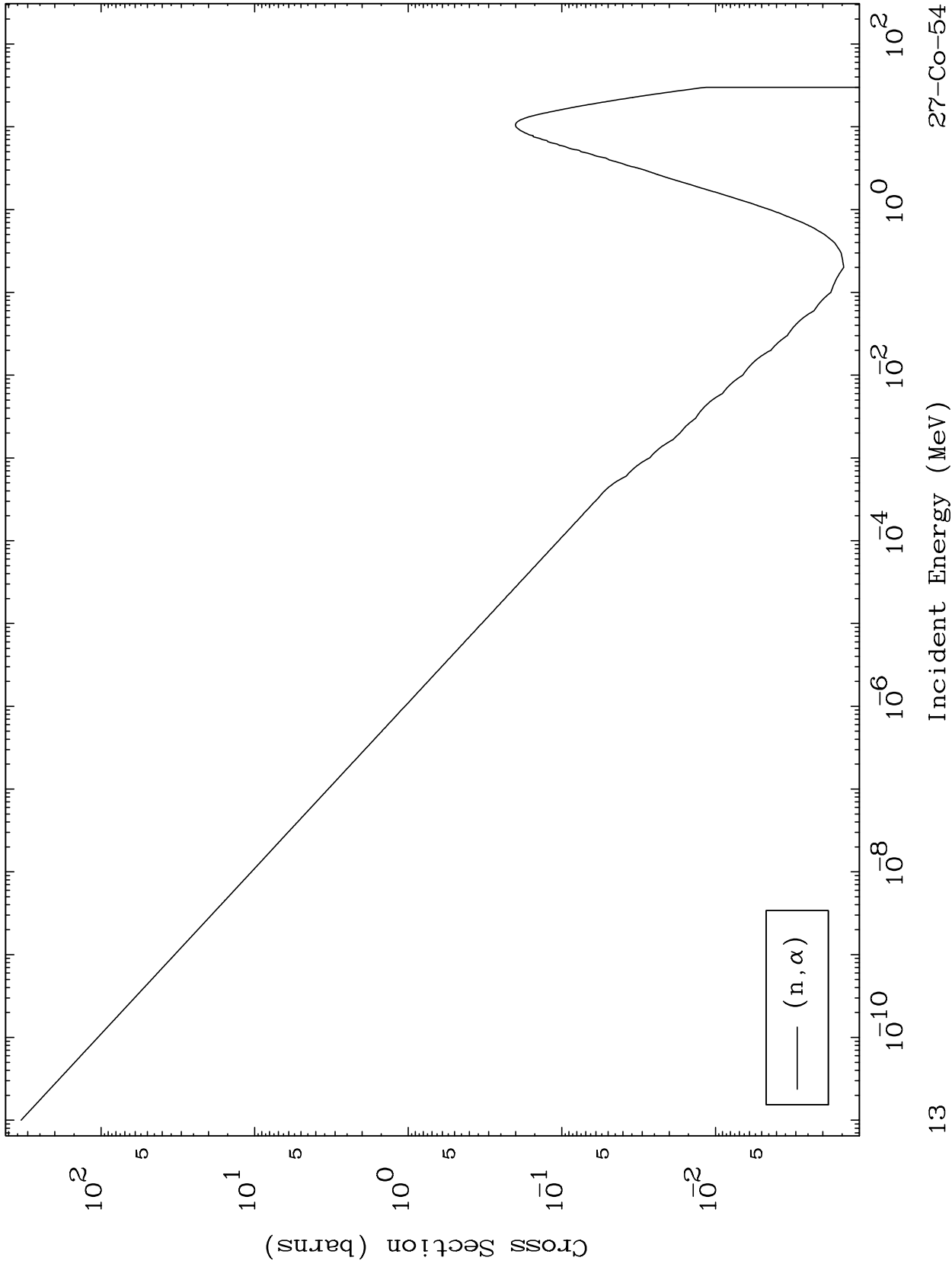
Incident Energy (MeV)

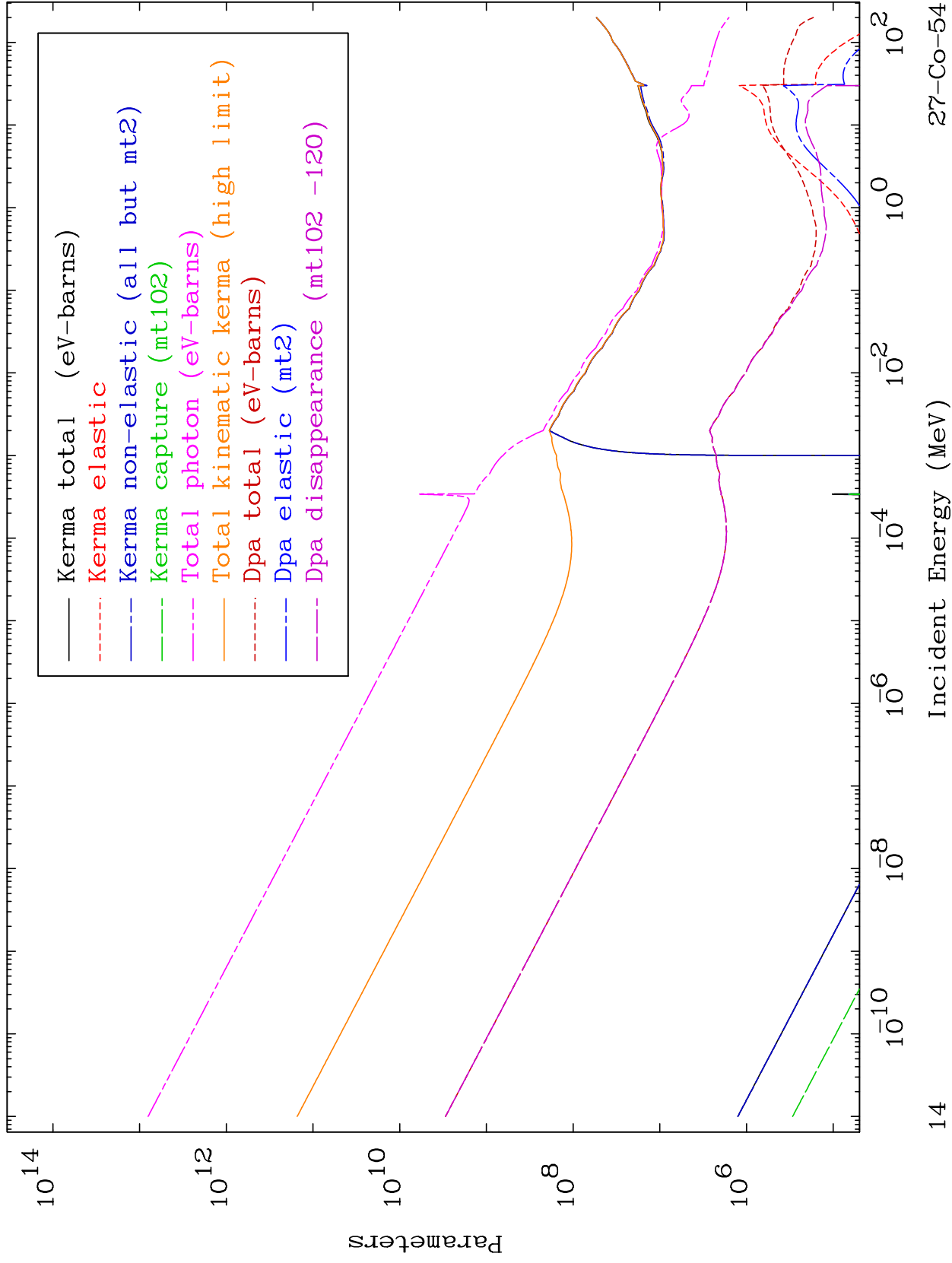
27-Co-54

MAT 2711

(n,α) Levels
293 Kelvin Cross Sections

27-Co-54



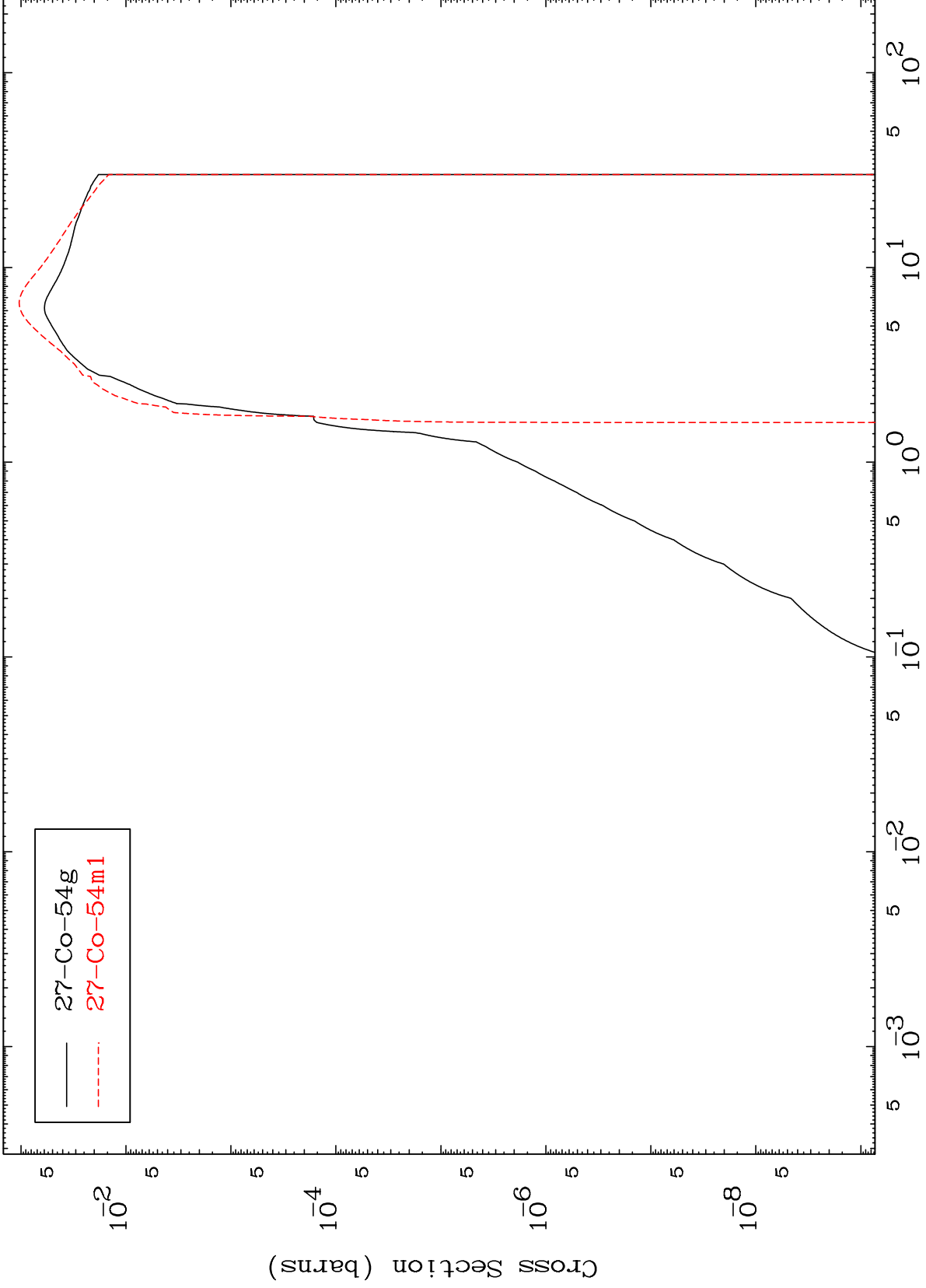


MAT 2711

Inelastic

27-Co-54

Radionuclide Production Cross Section



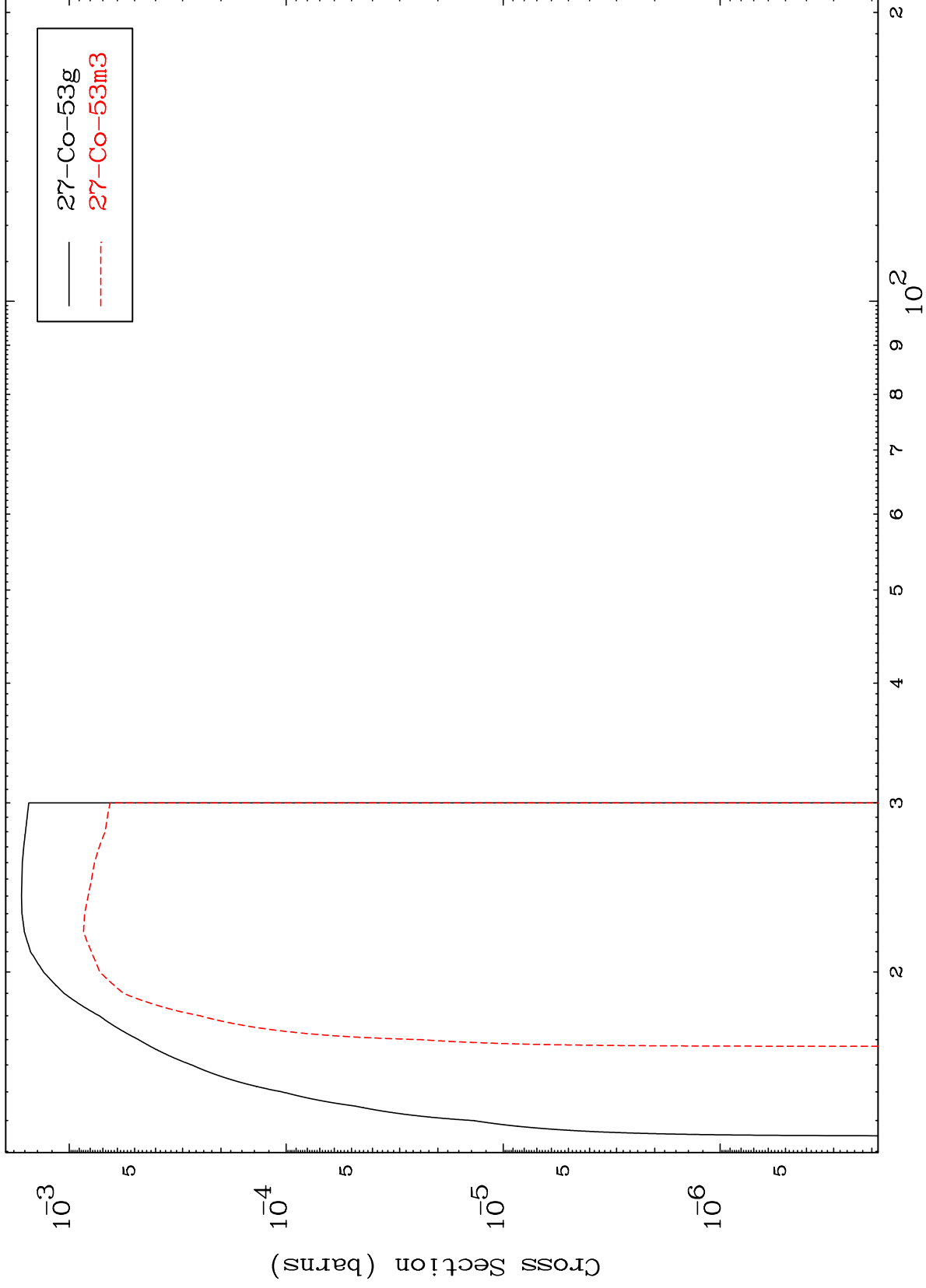
— 27-Co-54g
- - - 27-Co-54m1

18

Incident Energy (MeV)

27-Co-54

(n,2n)
Radionuclide Production Cross Section

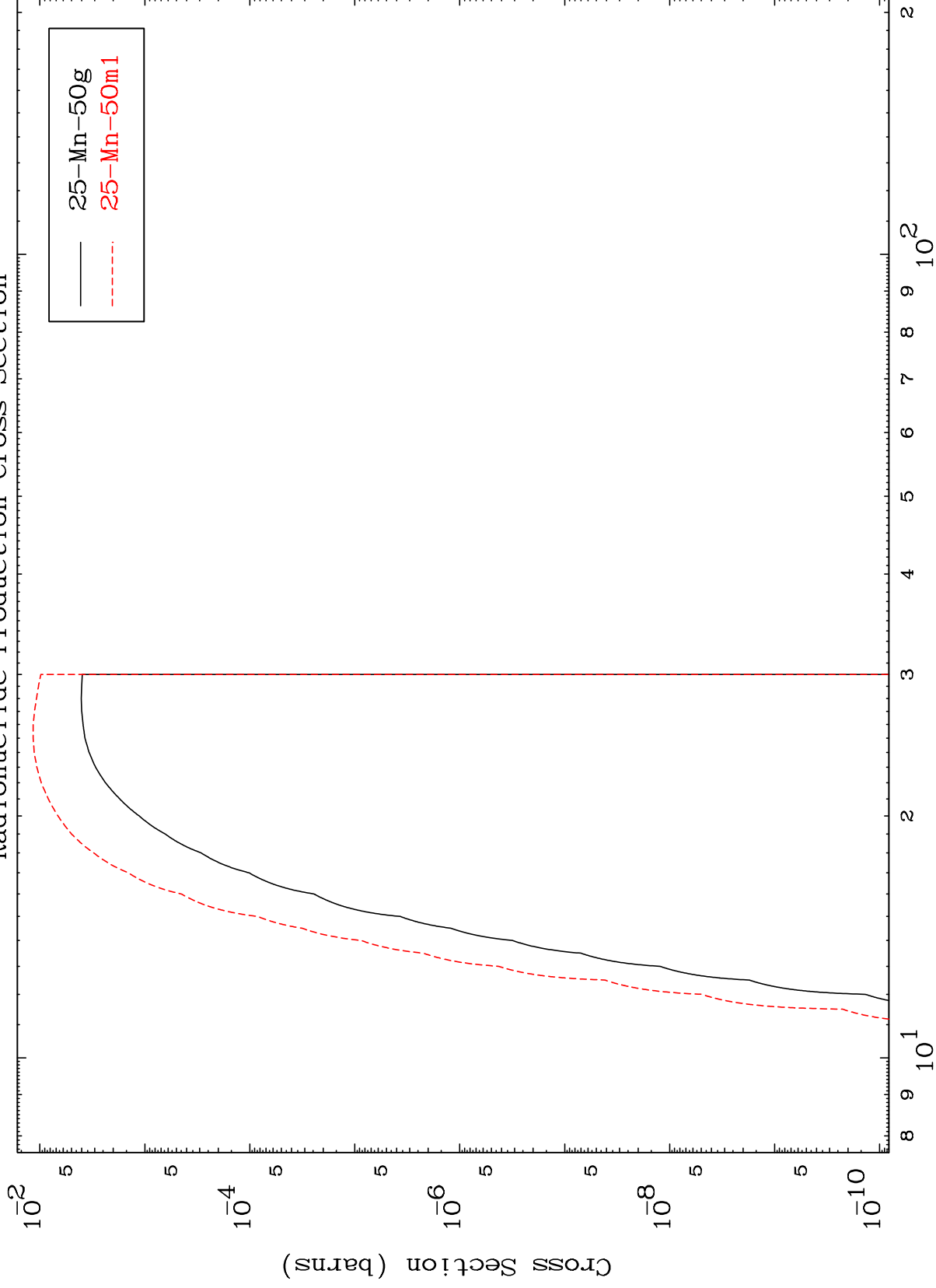


MAT 2711

$(n, n') \alpha$

27-Co-54

Radionuclide Production Cross Section



Incident Energy (MeV)

27-Co-54

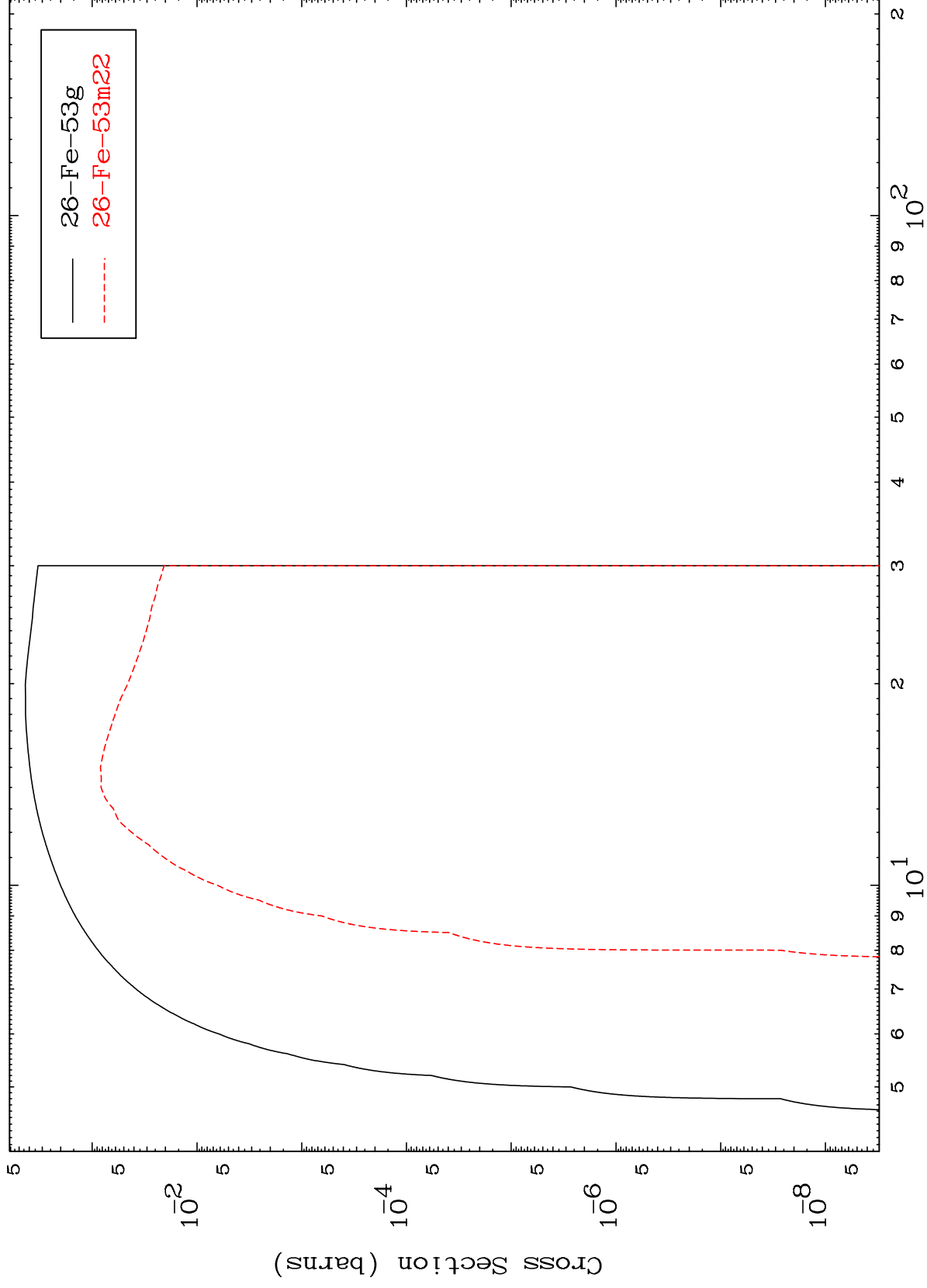
20

MAT 2711

(n,n') p

27-Co-54

Radionuclide Production Cross Section

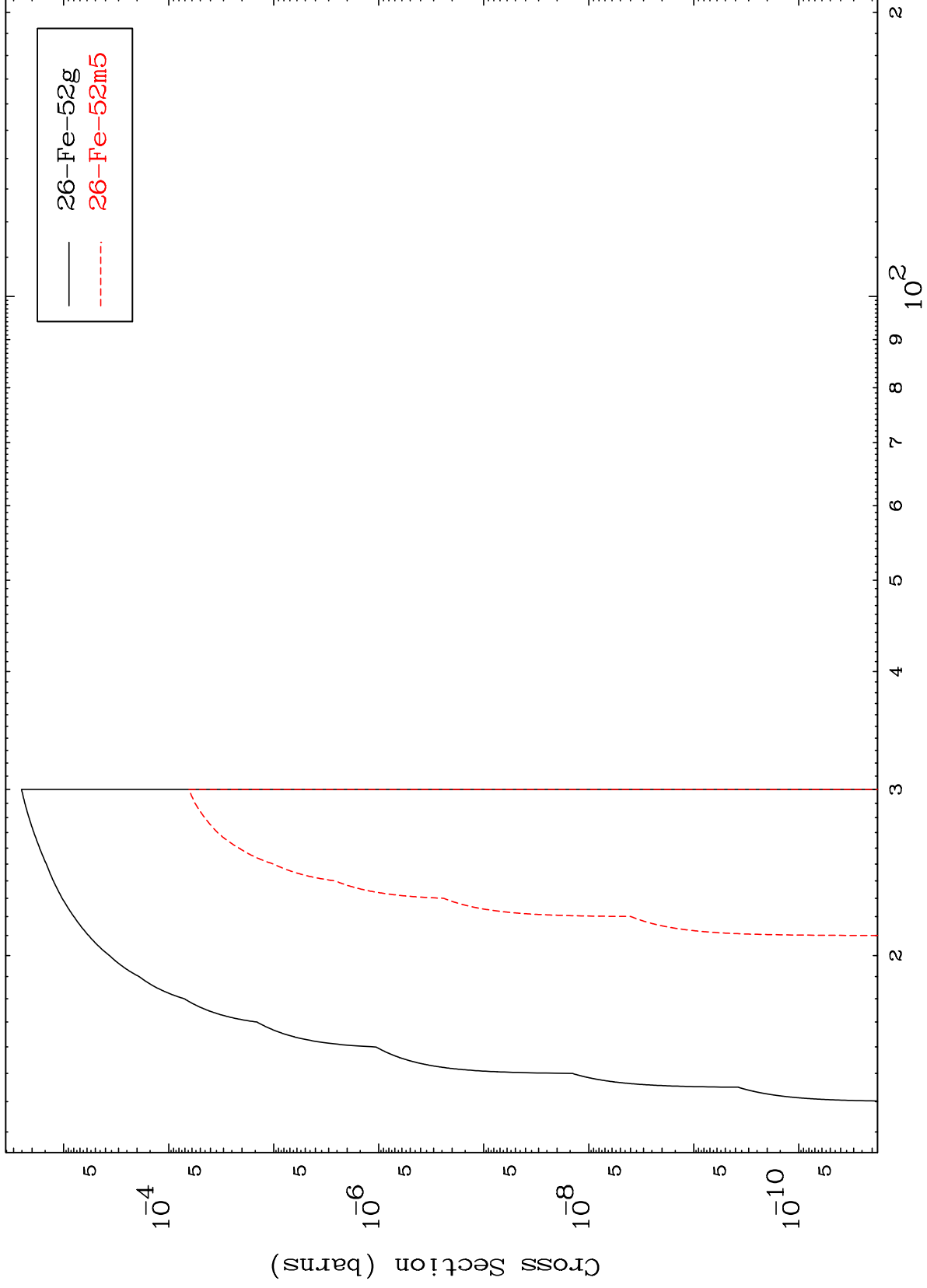


21

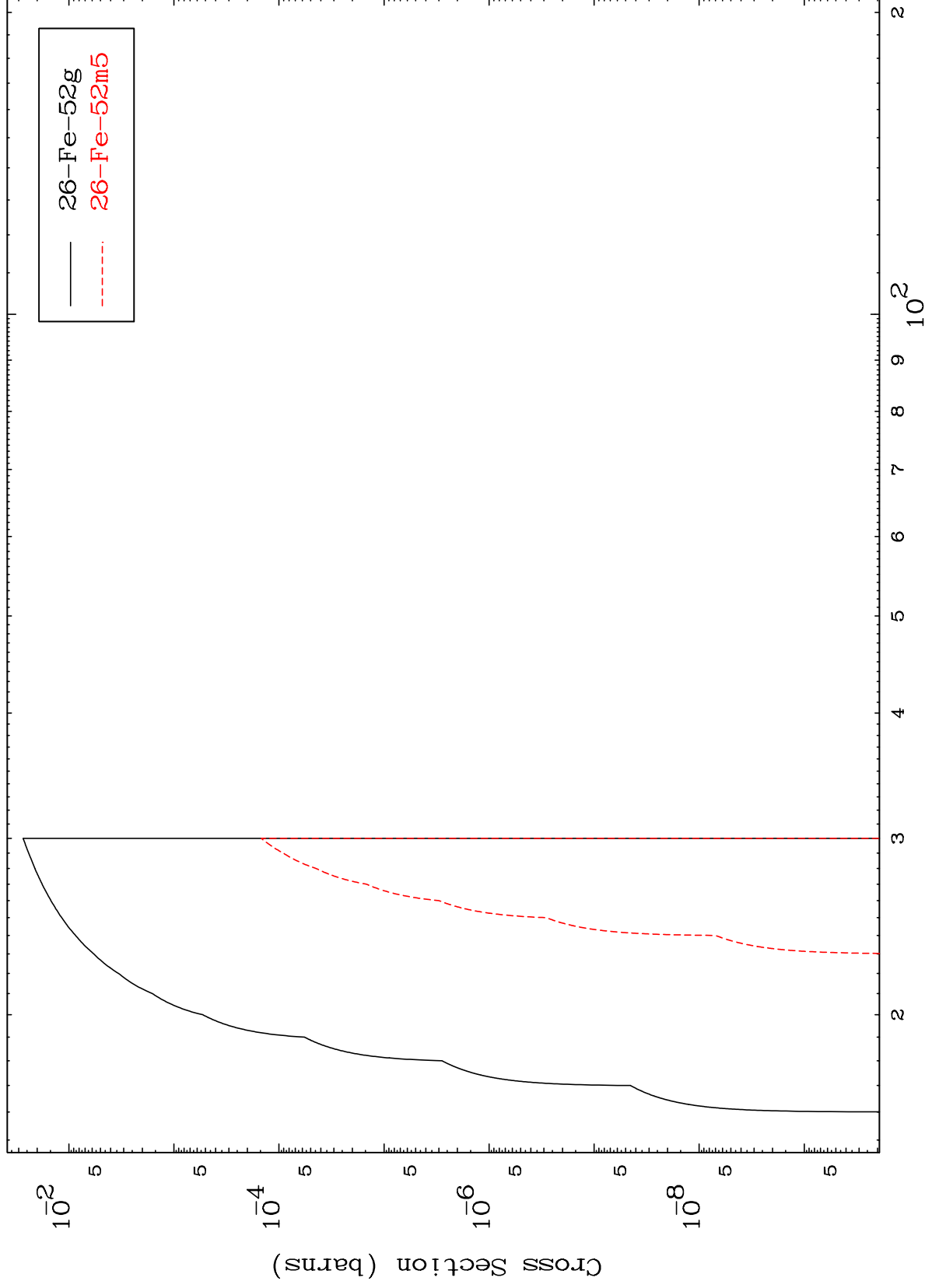
Incident Energy (MeV)

27-Co-54

Radionuclide Production Cross Section



Radionuclide Production Cross Section

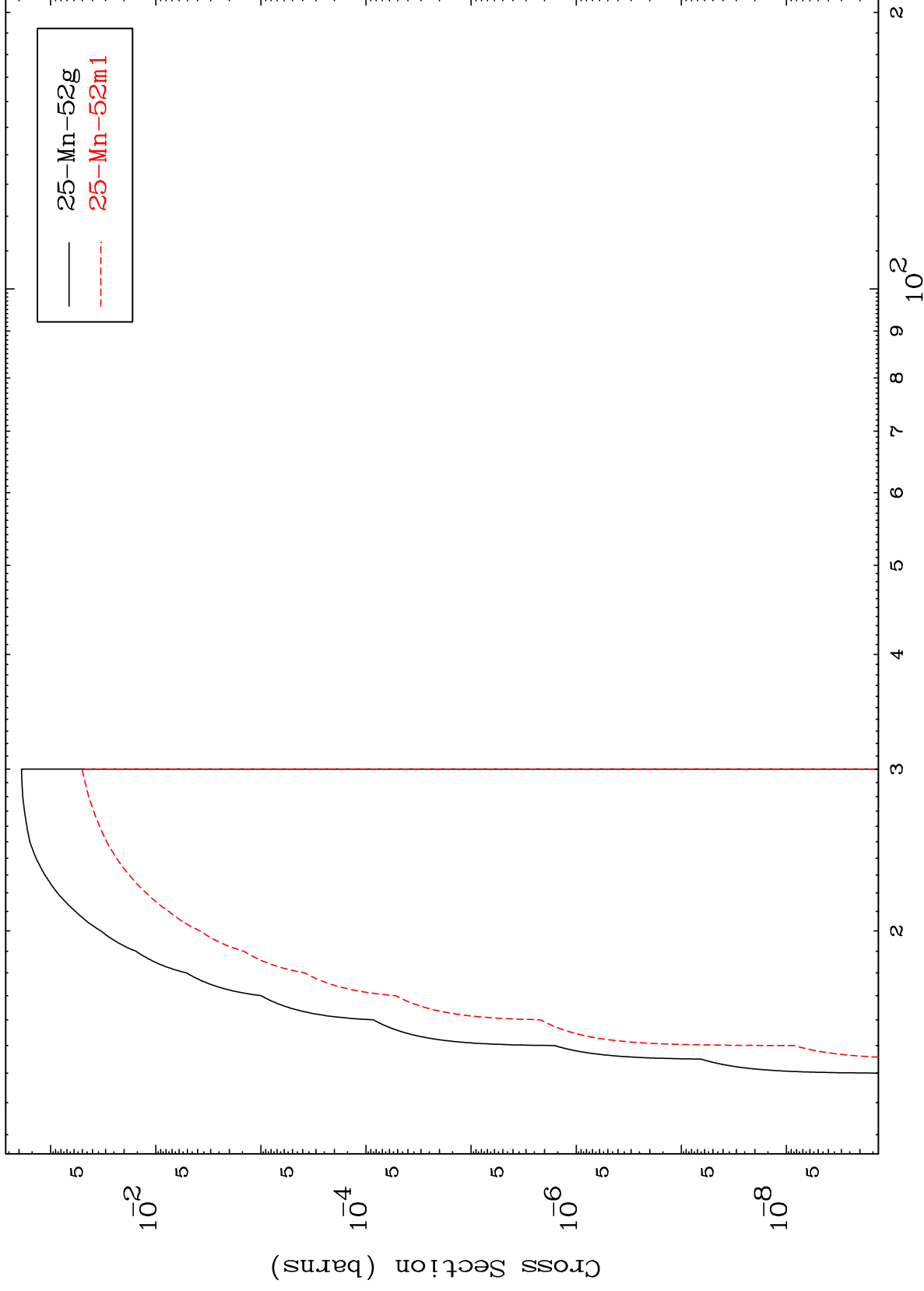


MAT 2711

(n,2n) p

27-Co-54

Radionuclide Production Cross Section



24

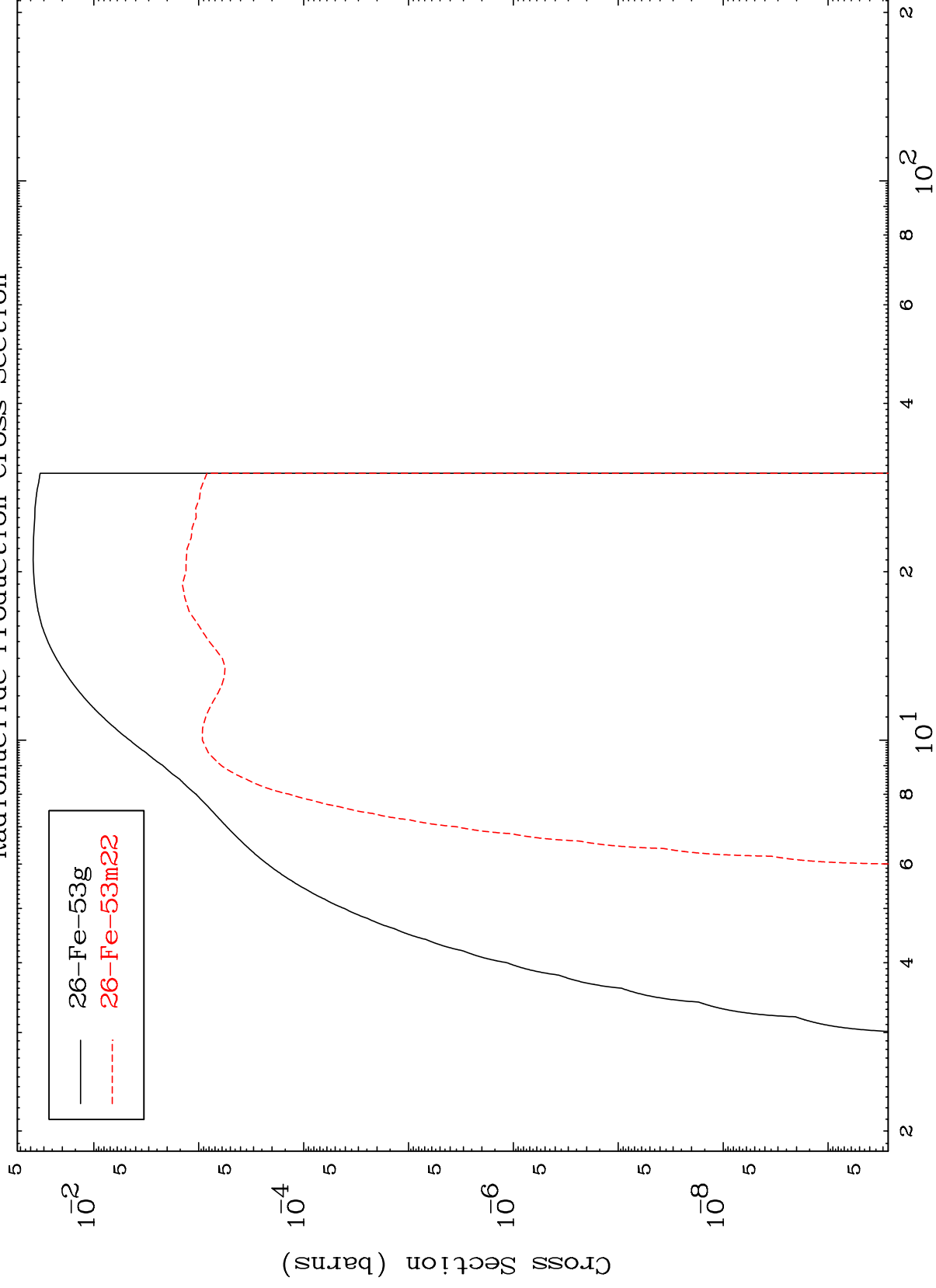
Incident Energy (MeV)

27-Co-54

MAT 2711

27-Co-54

(n,d)
Radionuclide Production Cross Section



— 26-Fe-53g
- - - 26-Fe-53m22

27-Co-54

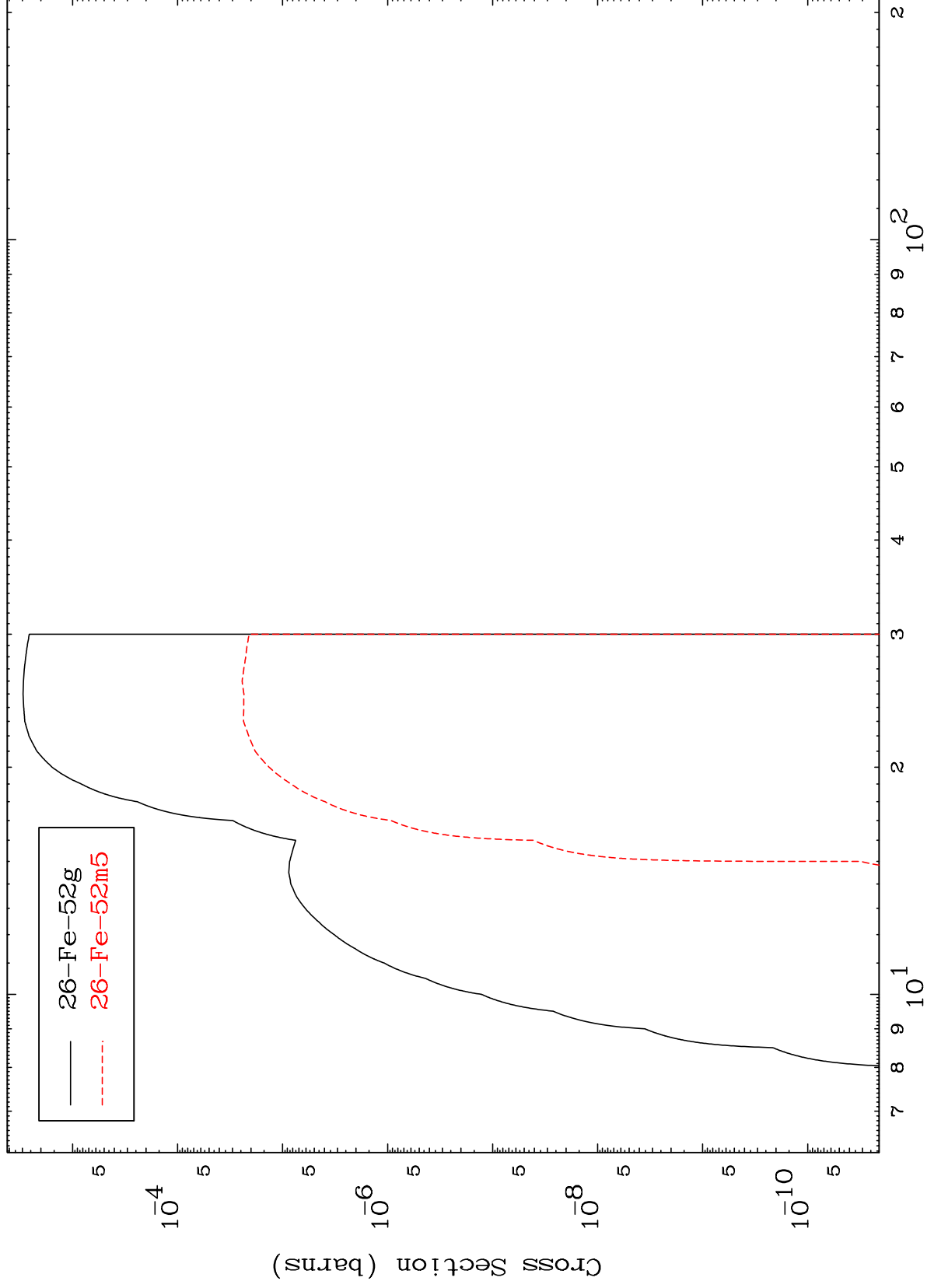
Incident Energy (MeV)

25

MAT 2711

27-Co-54

(n,t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

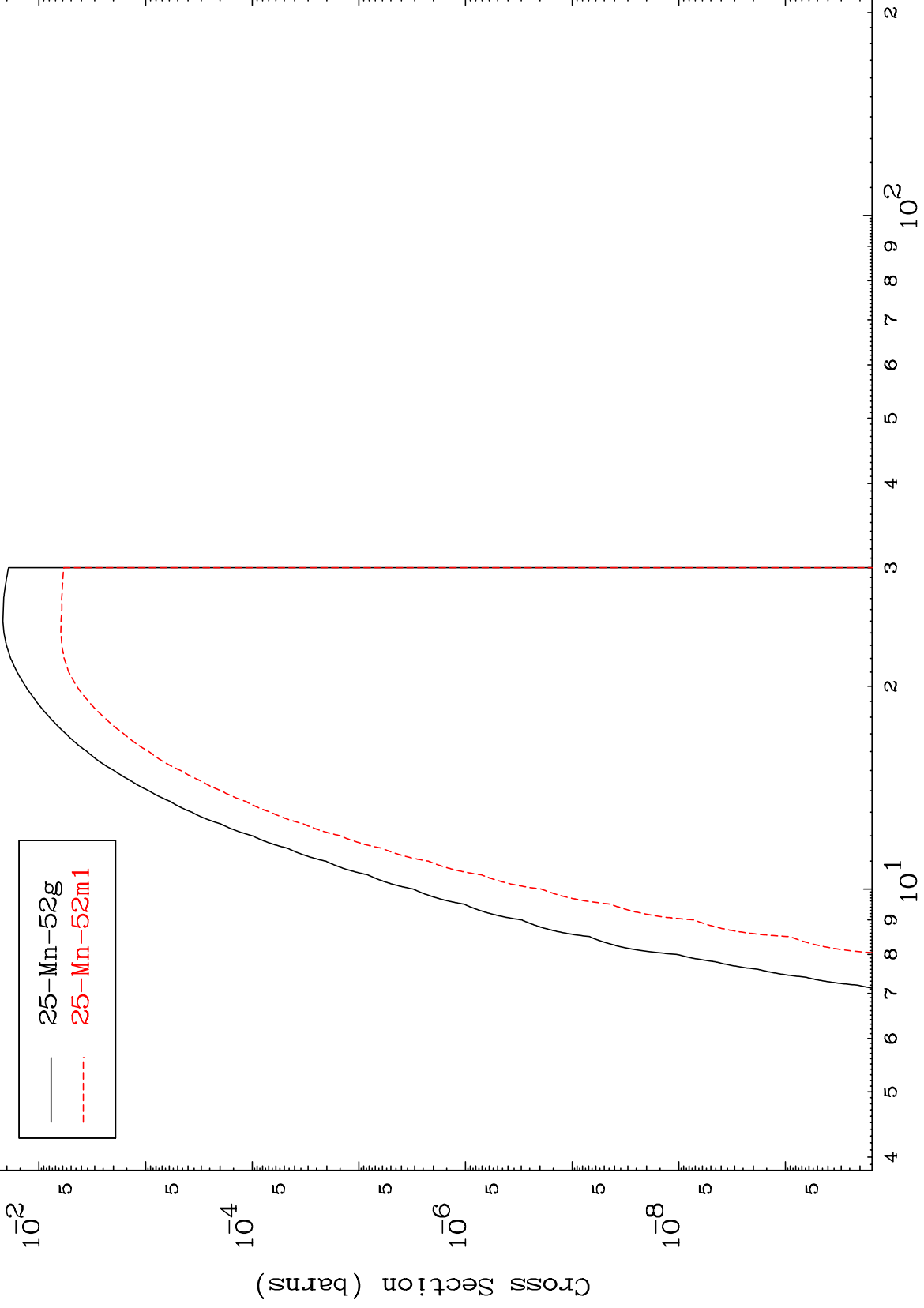
27-Co-54

MAT 2711

(n,He-3)

27-Co-54

Radionuclide Production Cross Section



27

Incident Energy (MeV)

27-Co-54

