

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

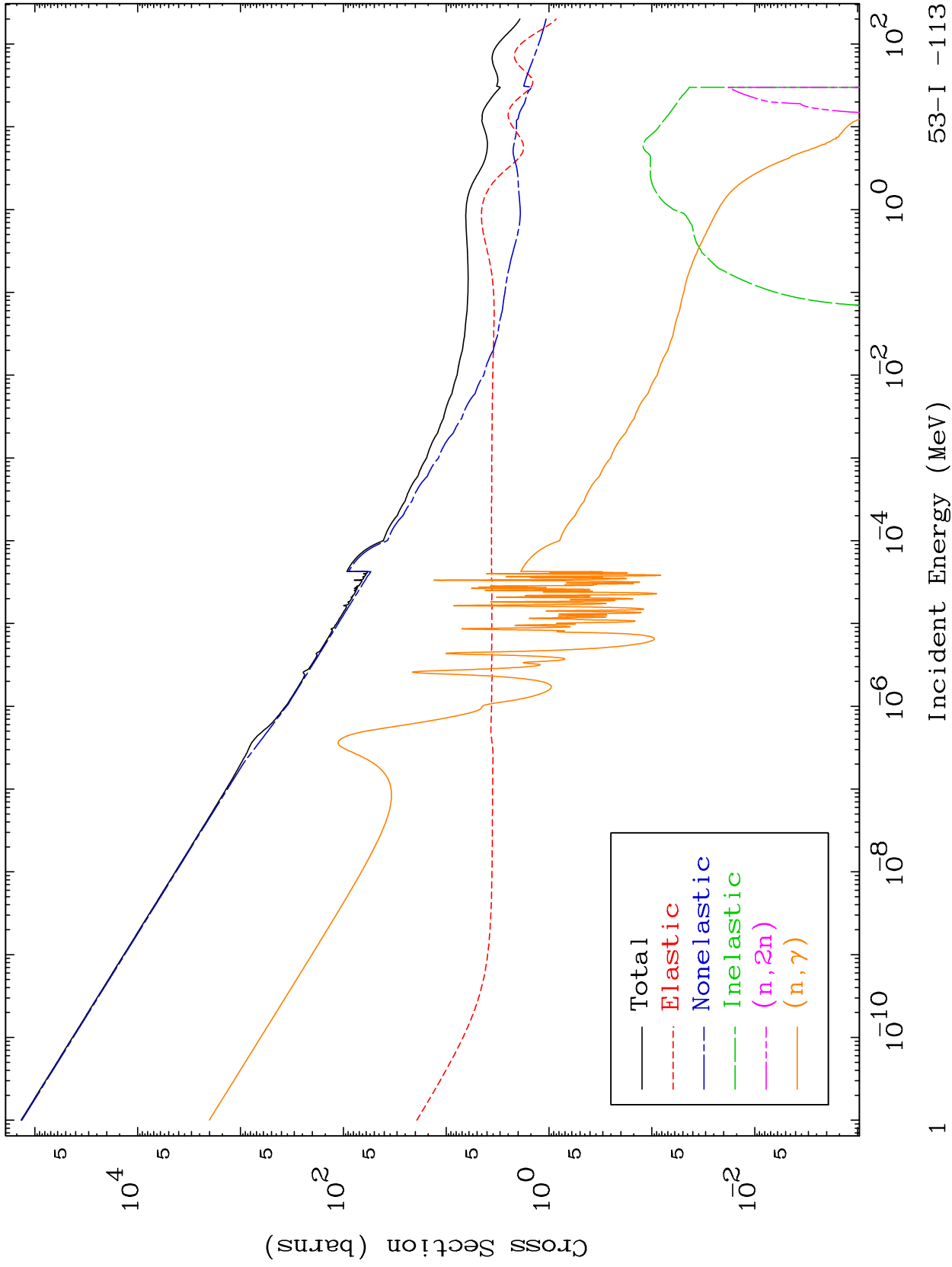
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

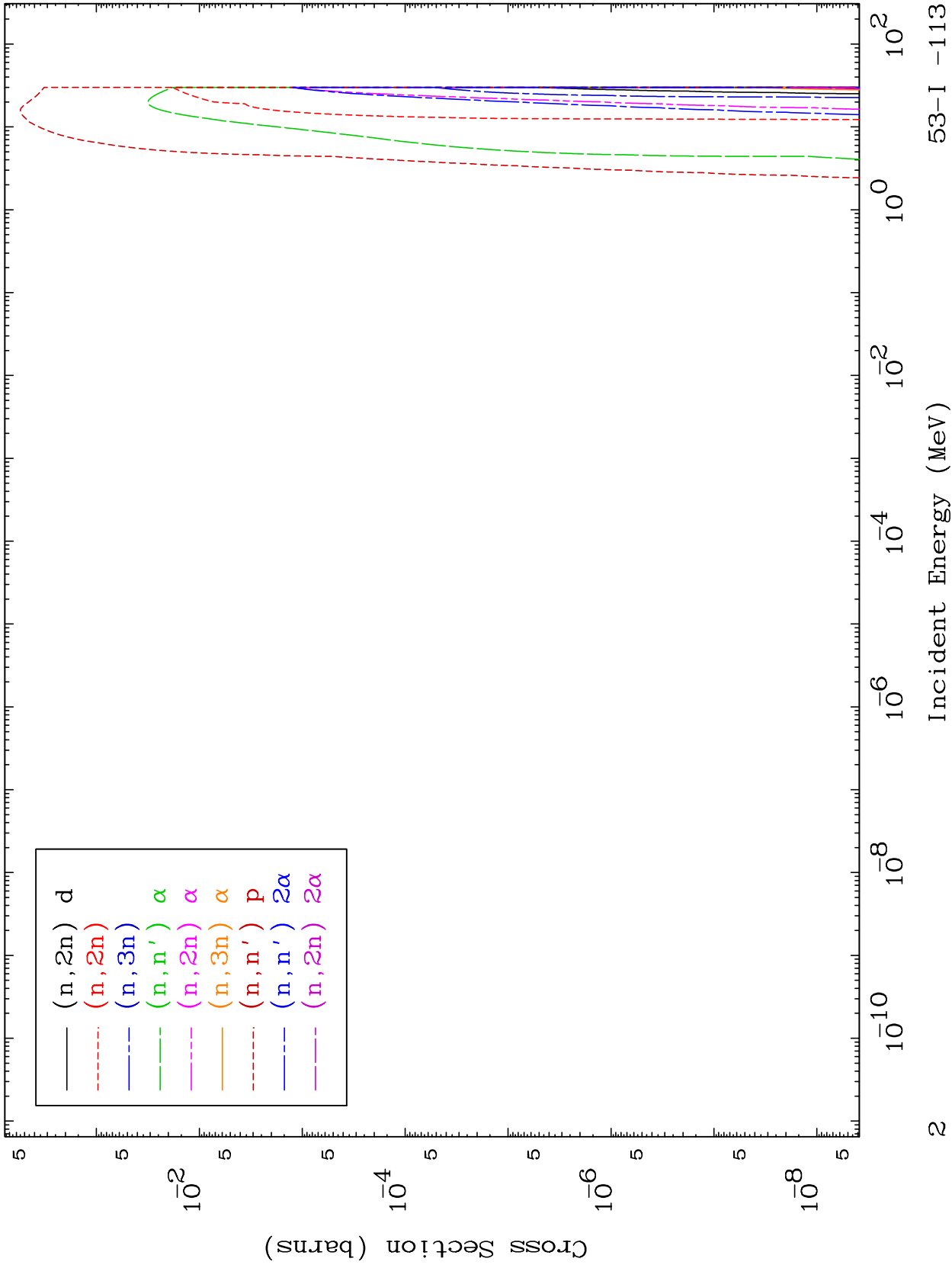
Tele: 925-443-1911

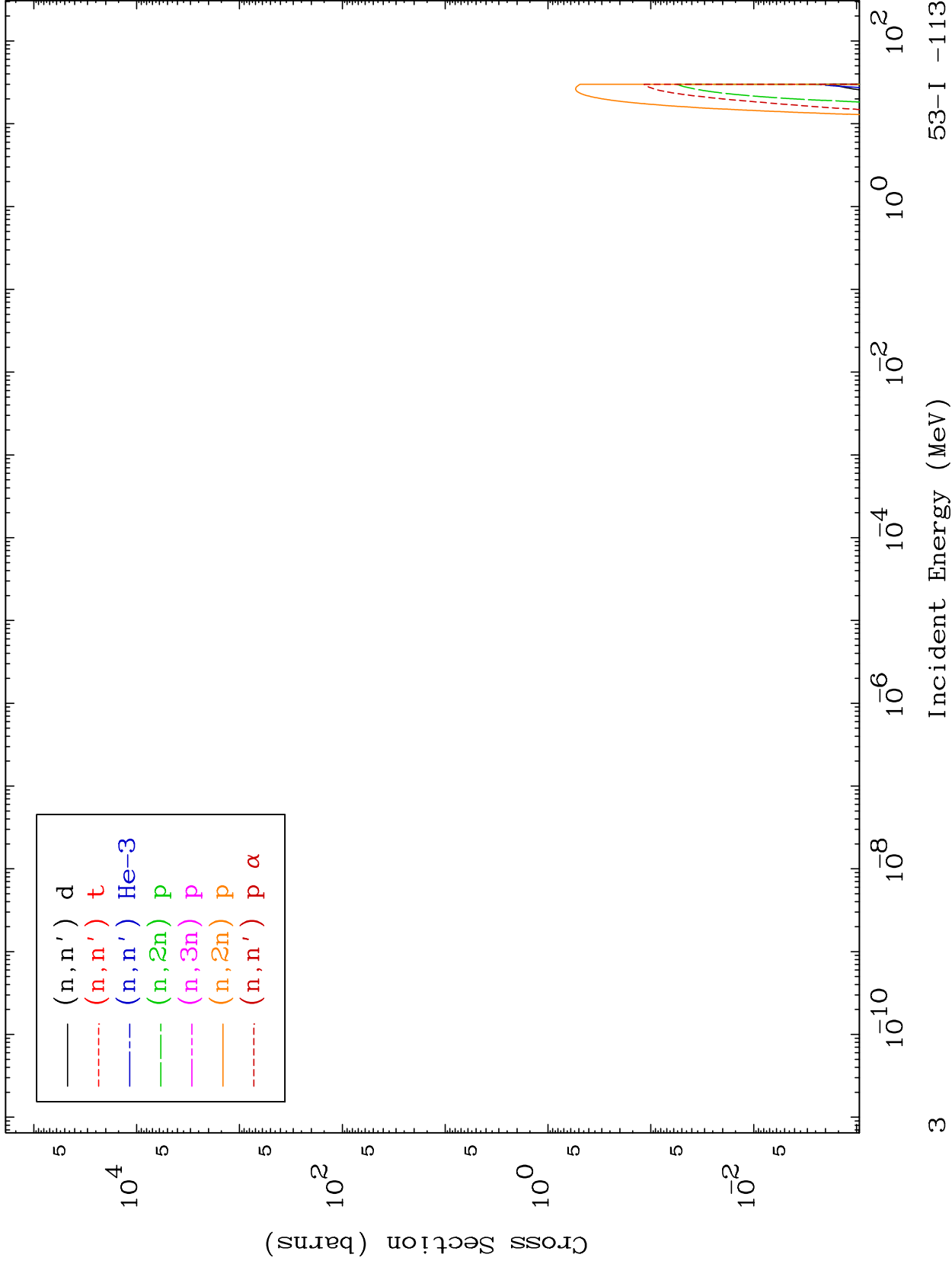
E.Mail:redcullen1@comcast.net

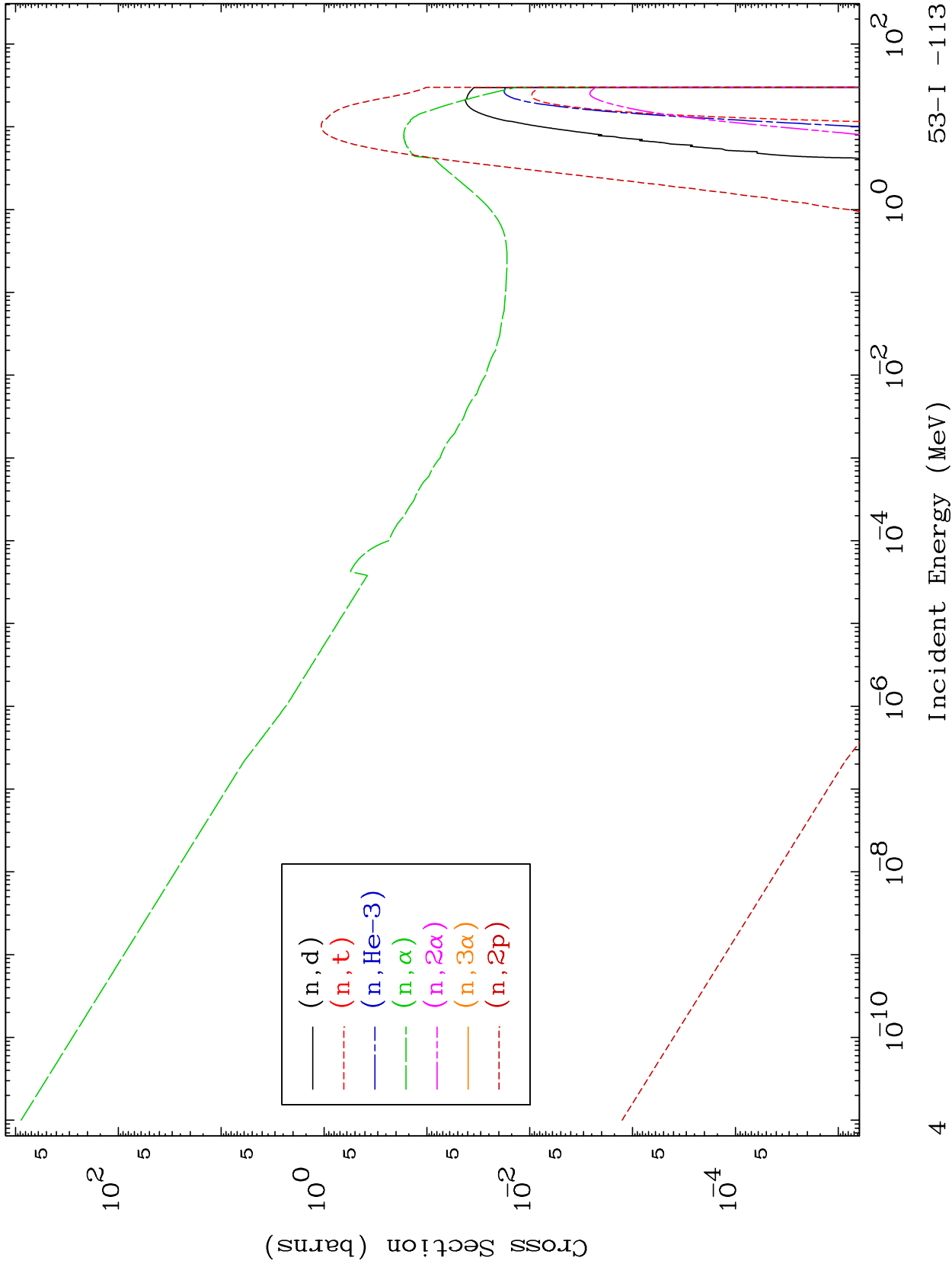
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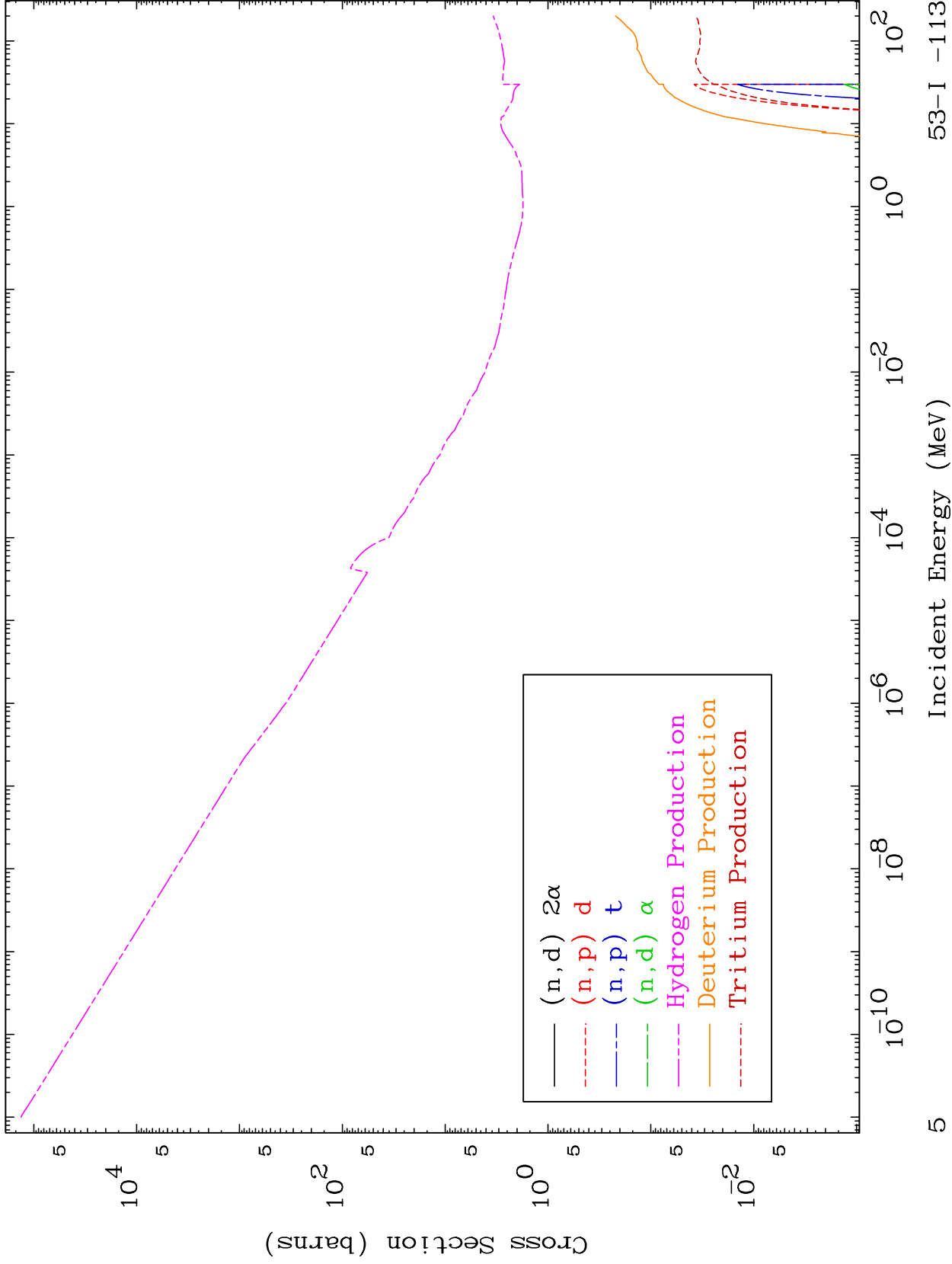
Press Mouse Button to Start

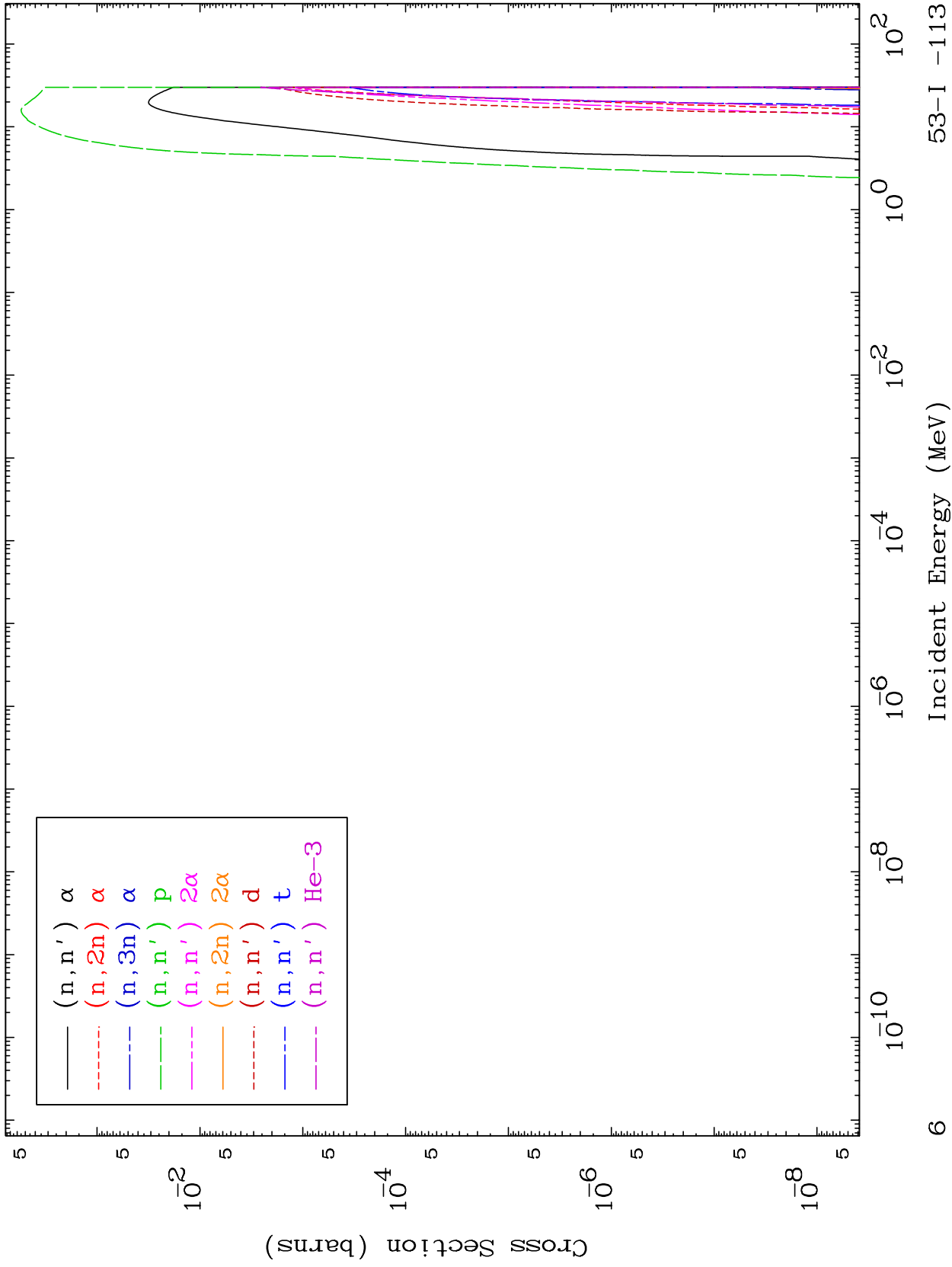


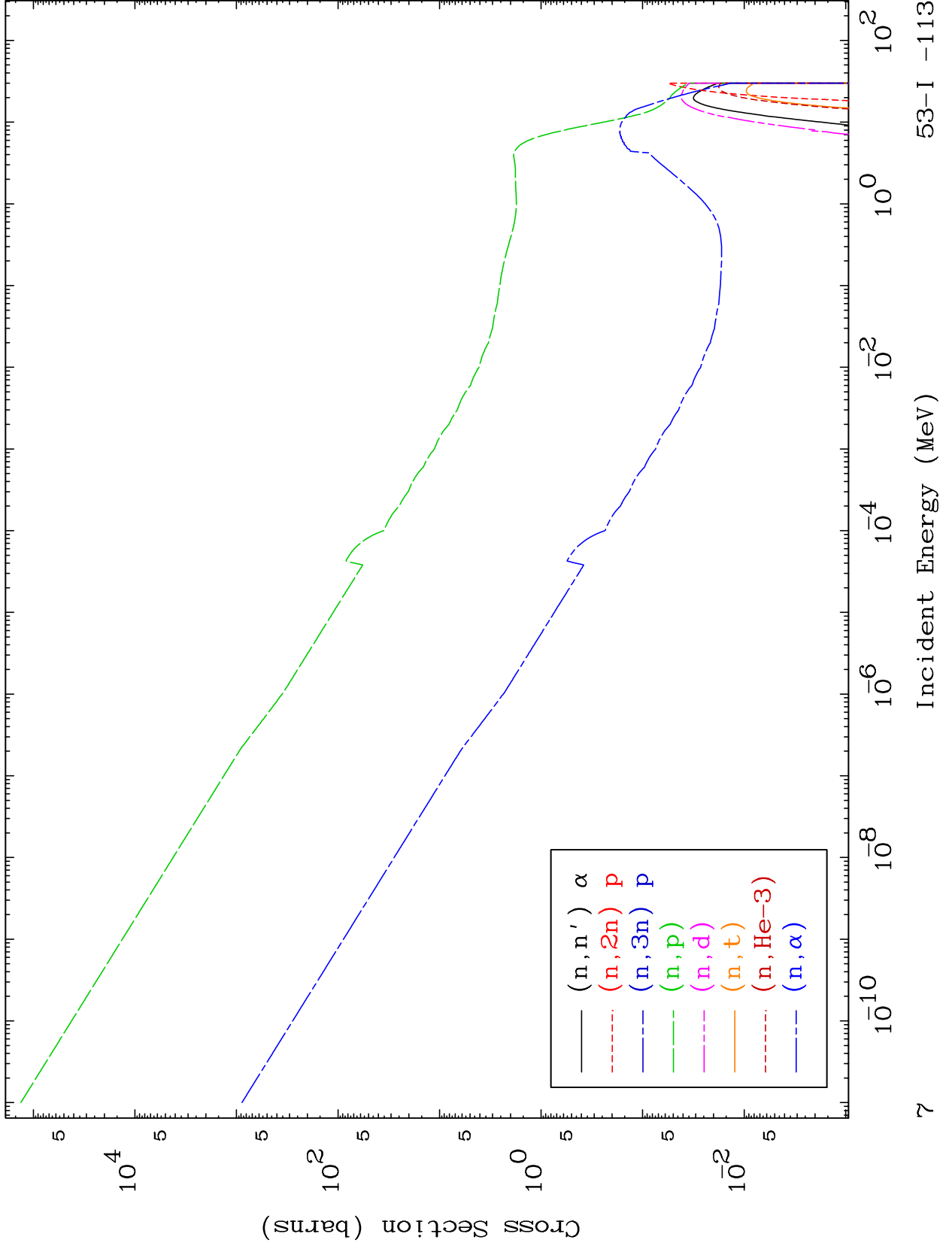








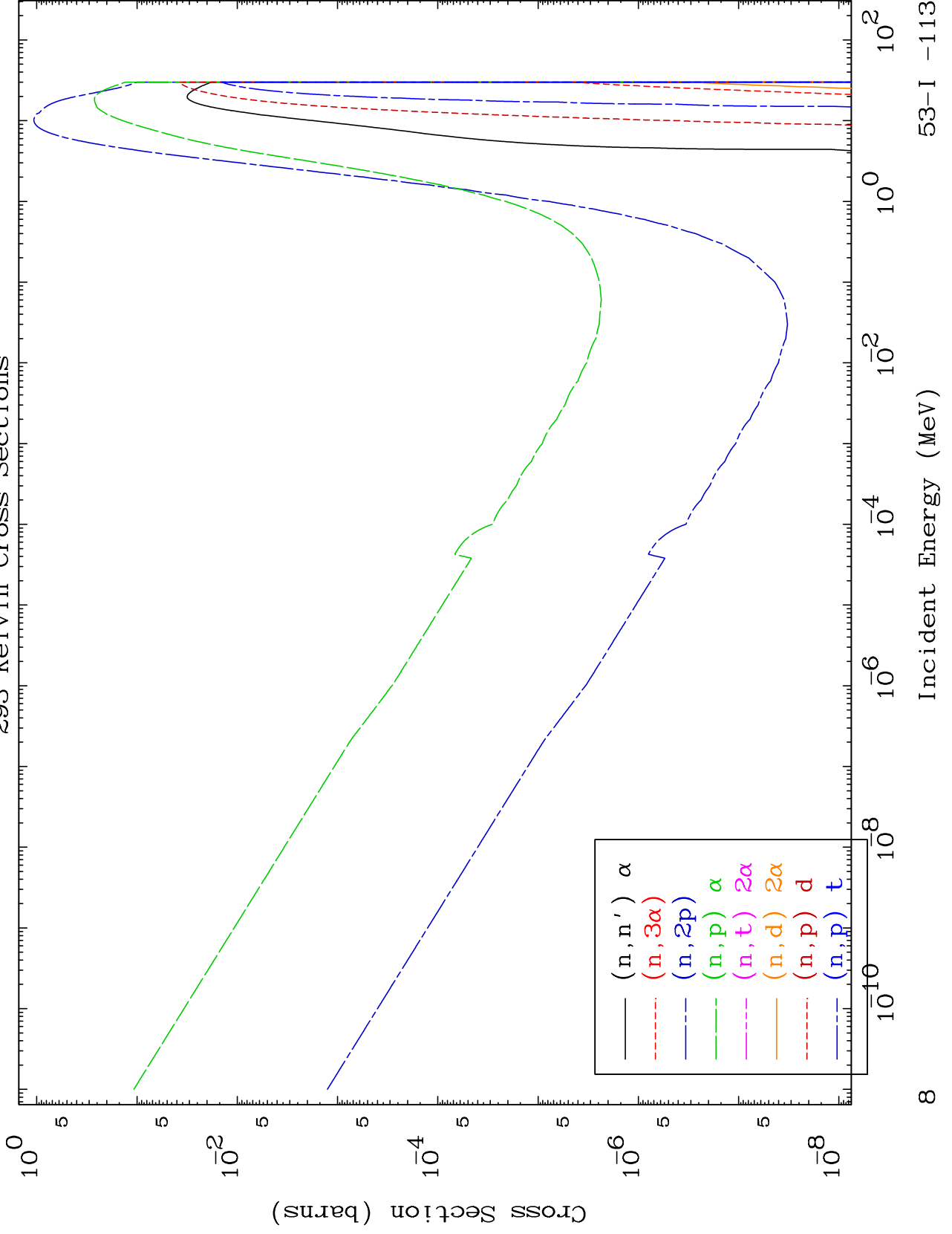


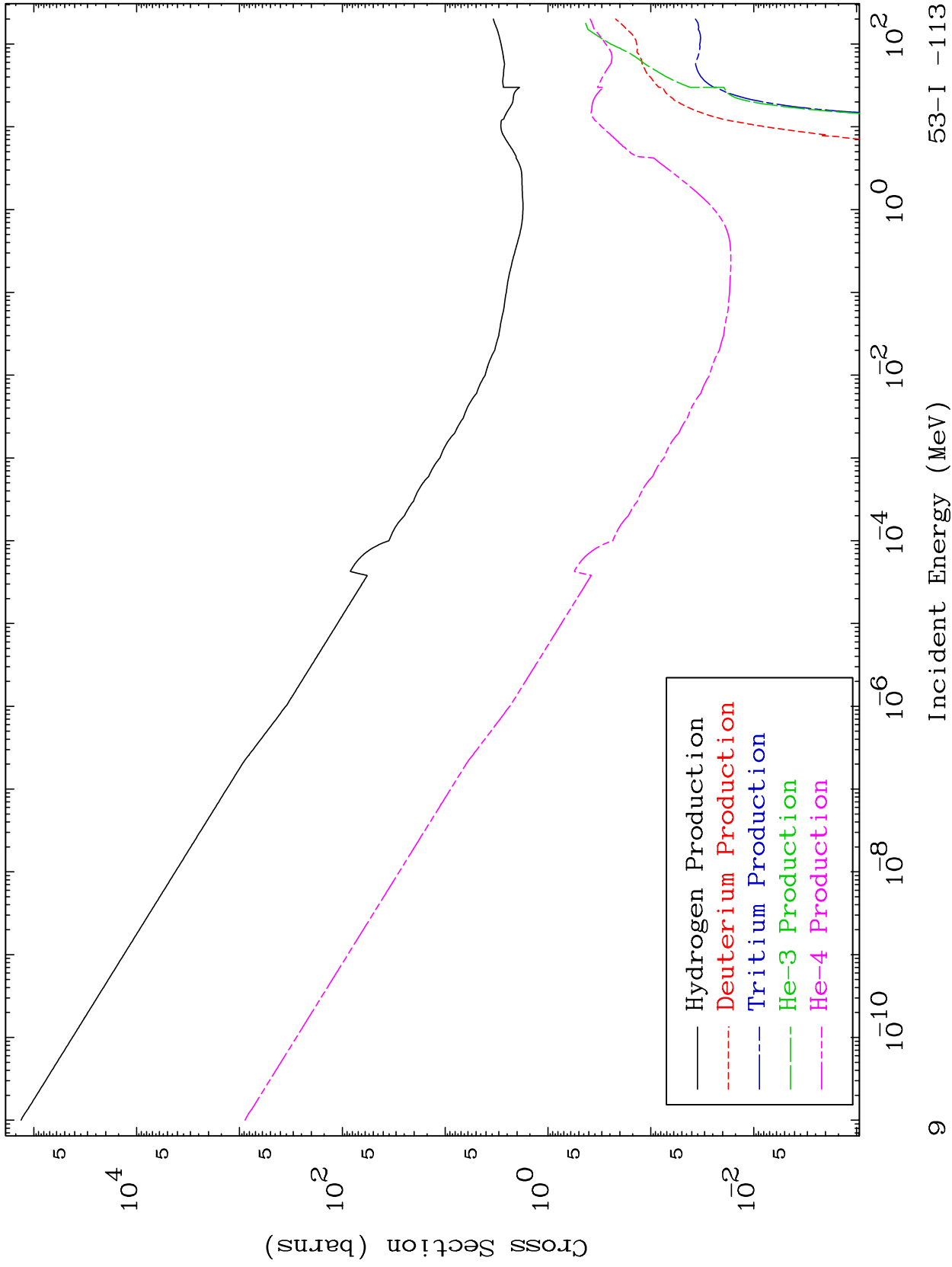


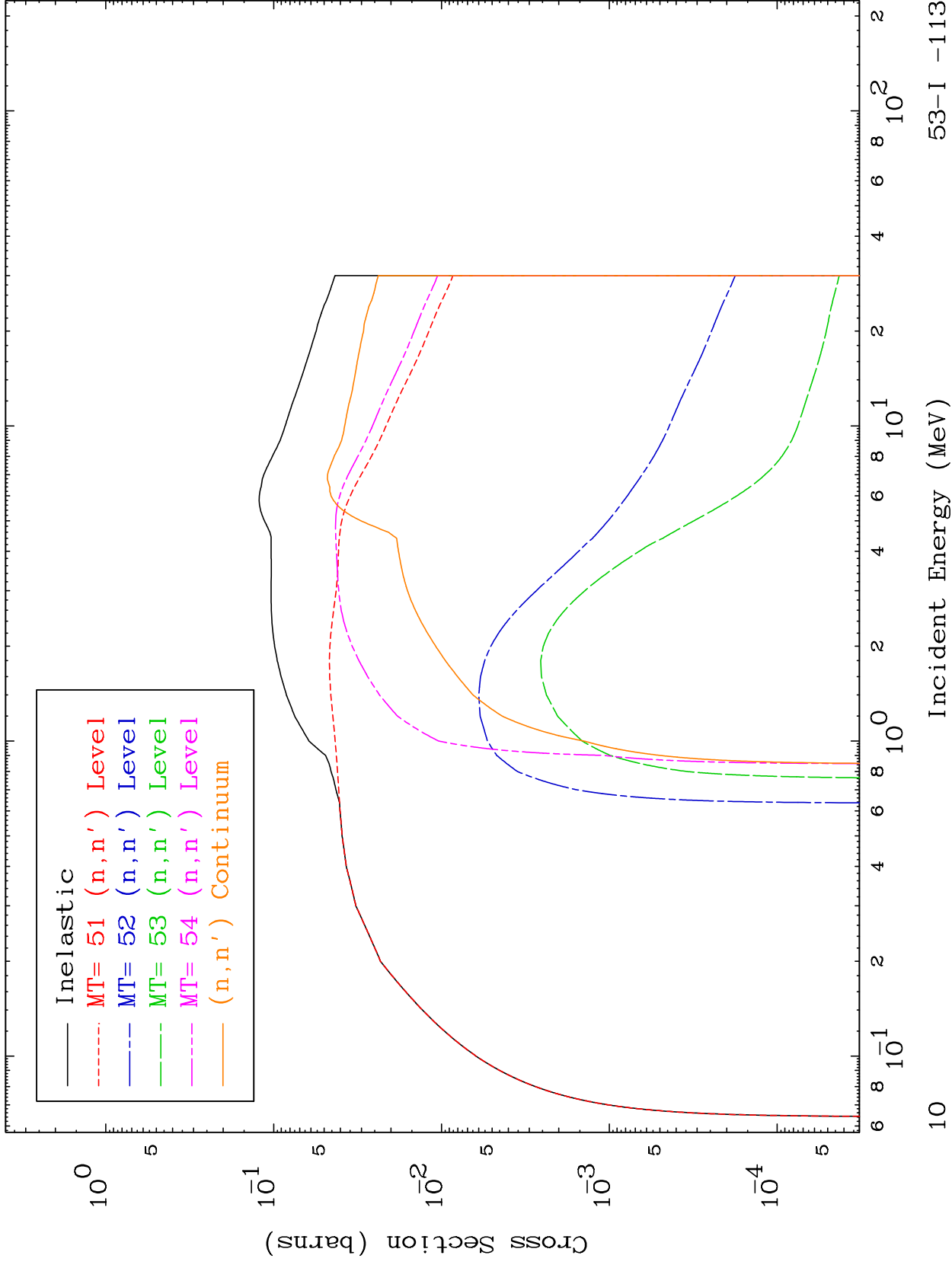
MAT 5283

Charged Particle  
293 Kelvin Cross Sections

53-I -113



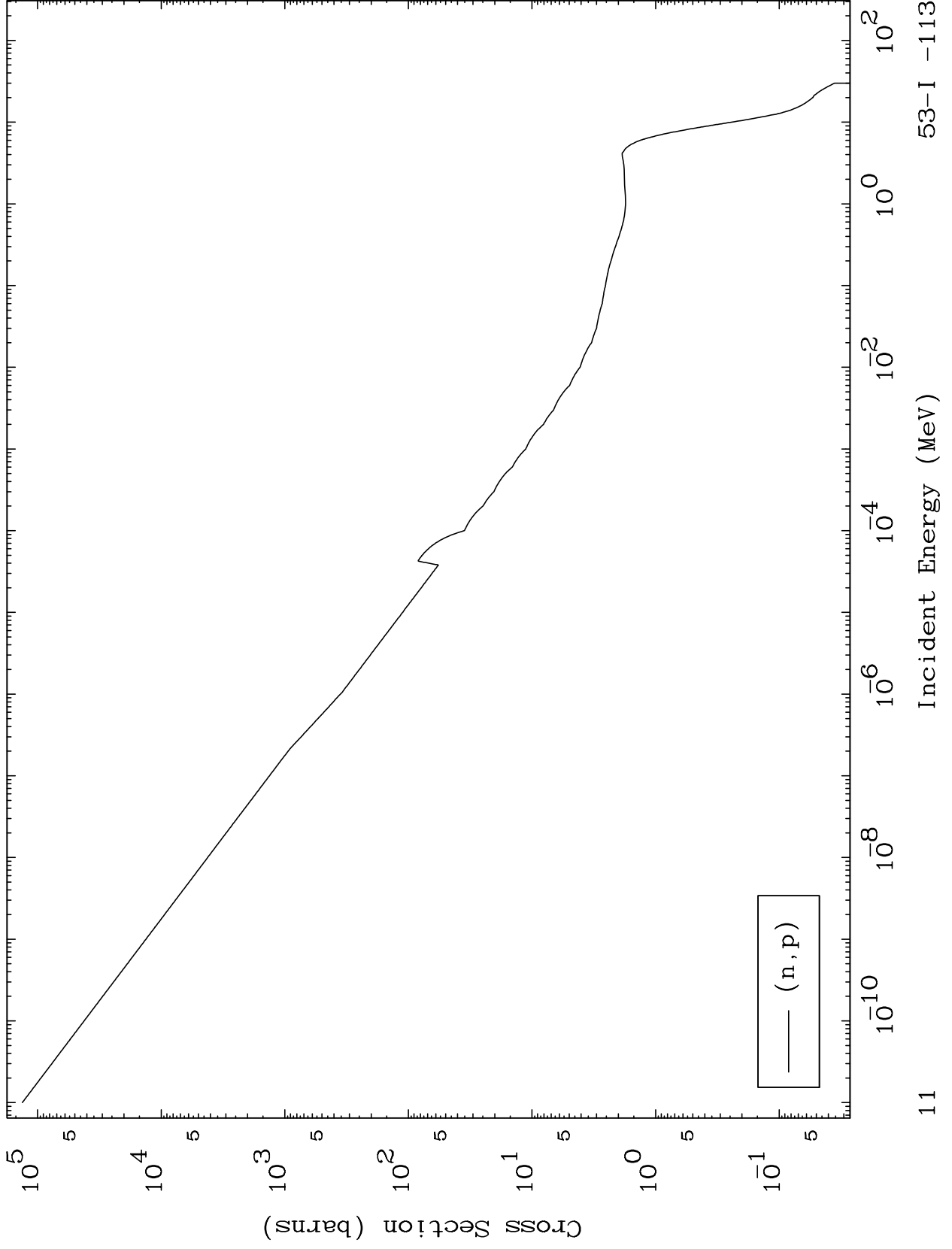




MAT 5283

(n,p) Levels  
293 Kelvin Cross Sections

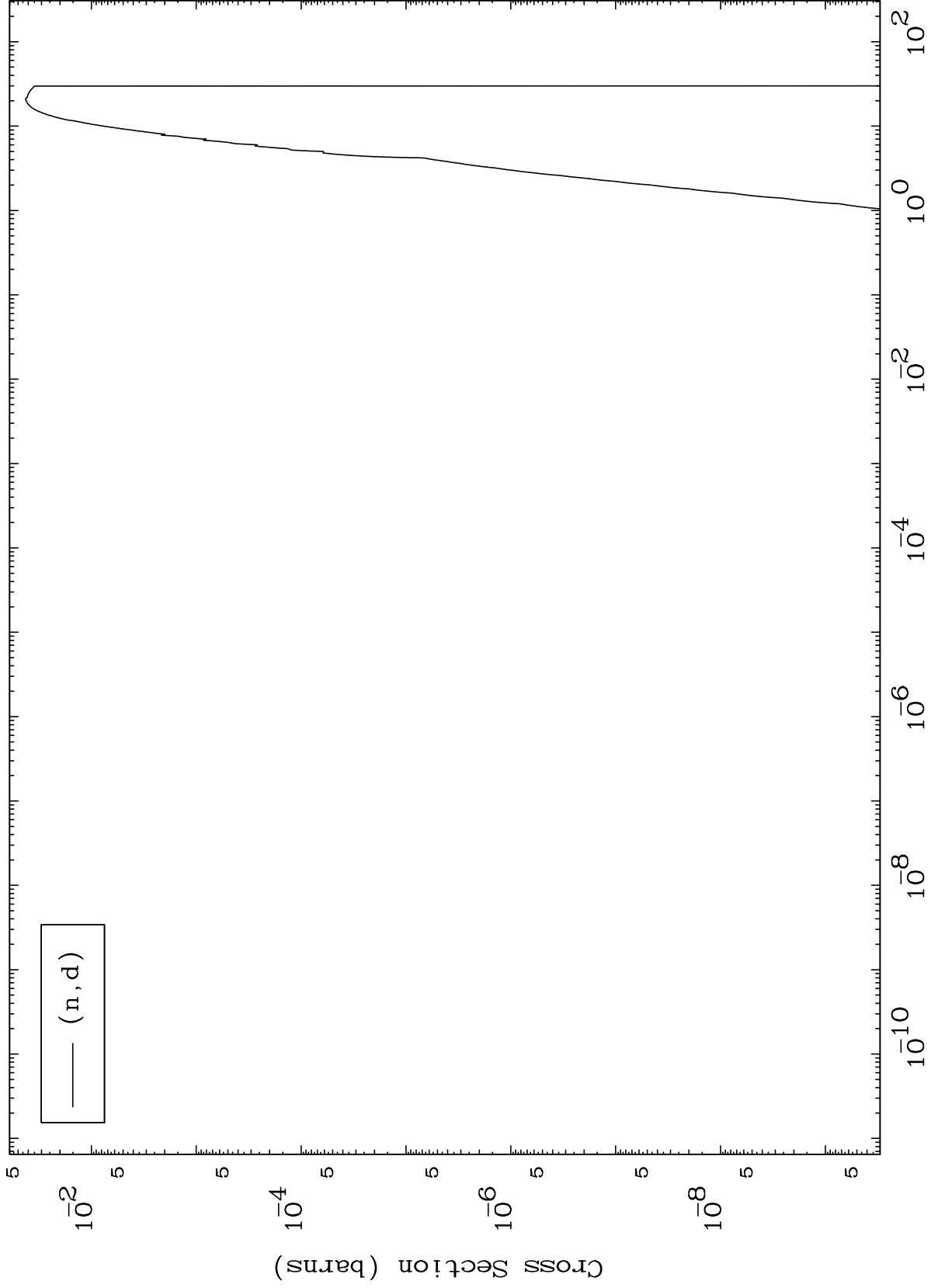
53-I -113



MAT 5283

(n,d) Levels  
293 Kelvin Cross Sections

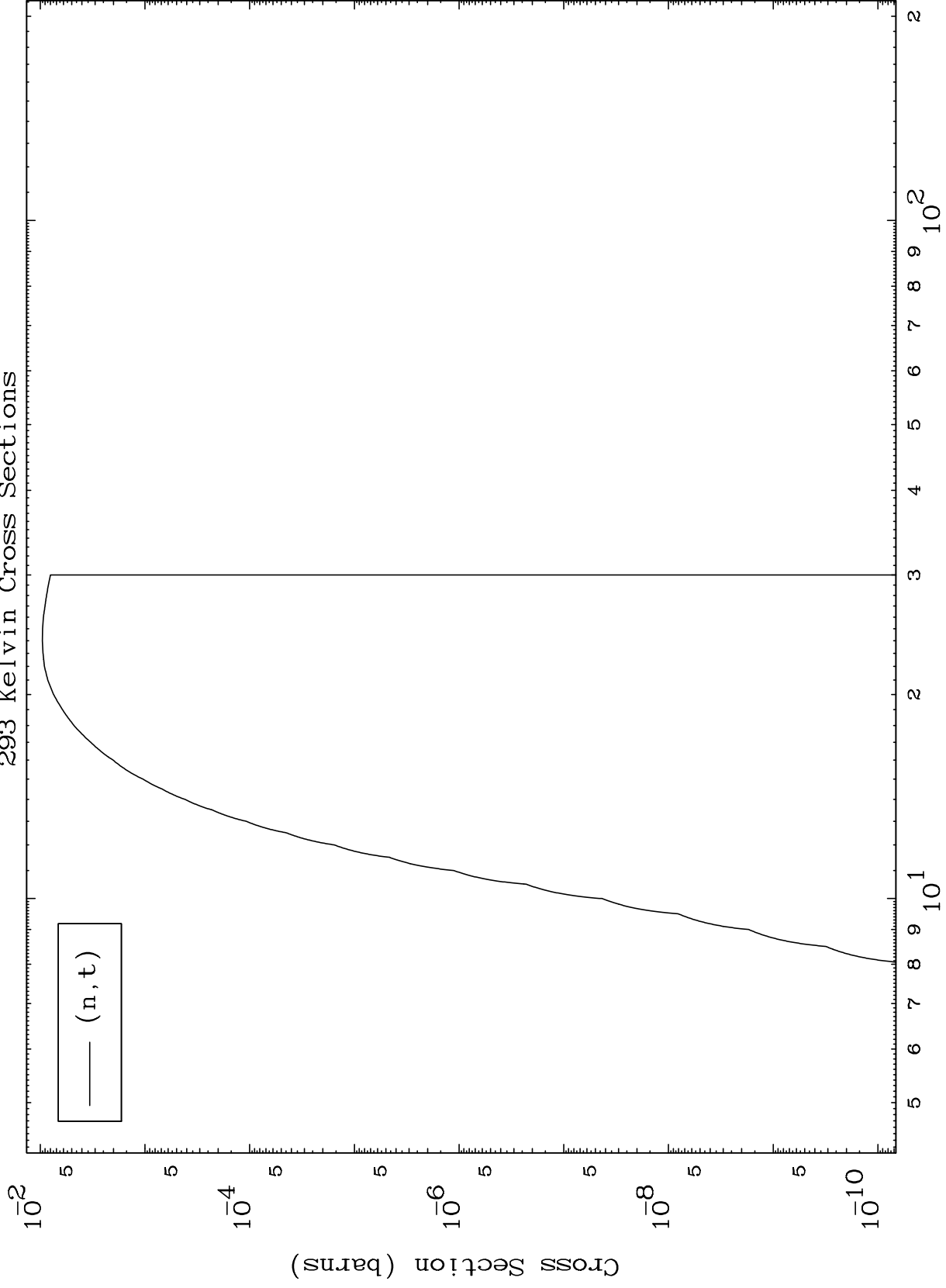
53-I -113



MAT 5283

(n,t) Levels  
293 Kelvin Cross Sections

53-I -113



(n,t)

13

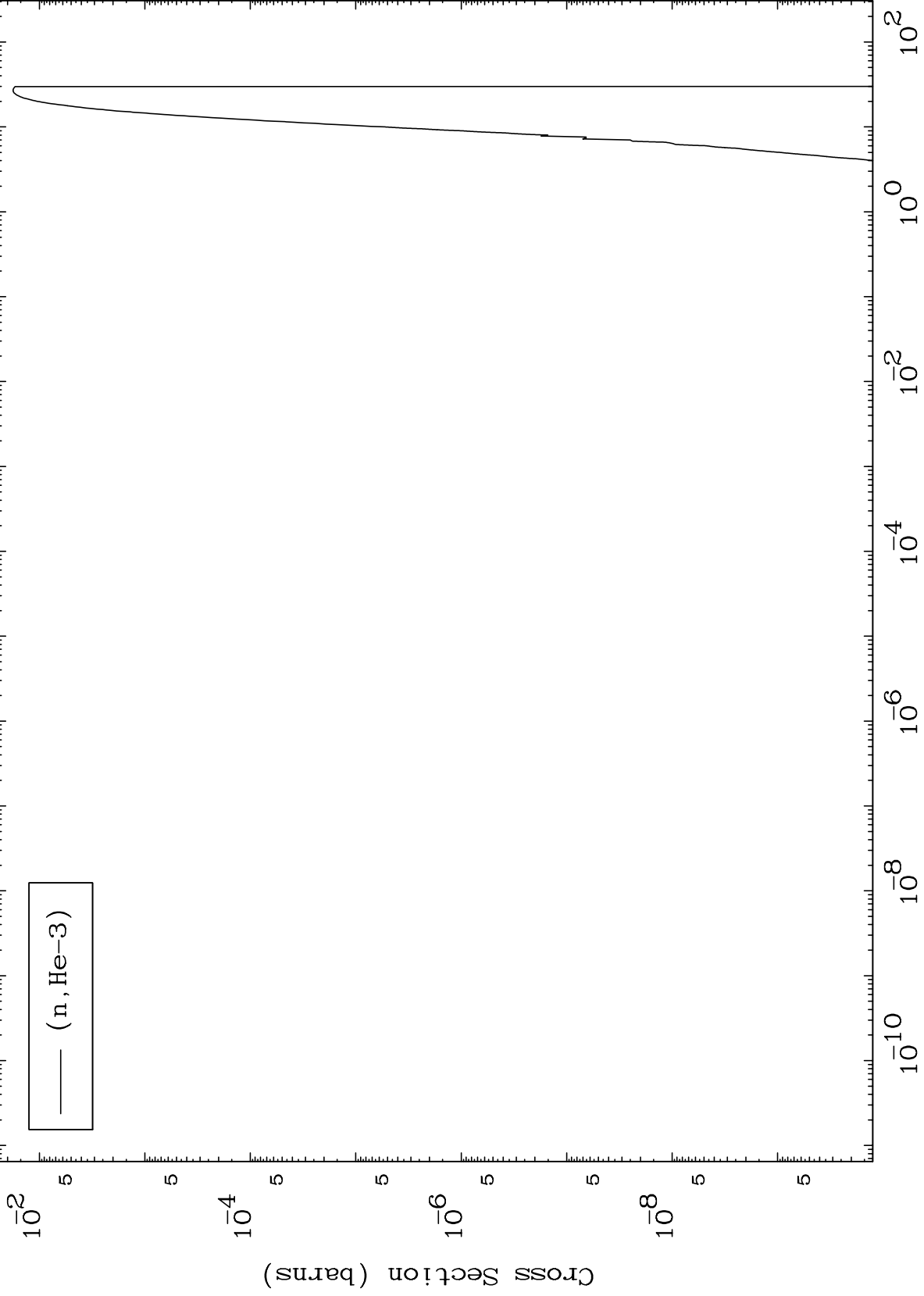
Incident Energy (MeV)

53-I -113

MAT 5283

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -113



14

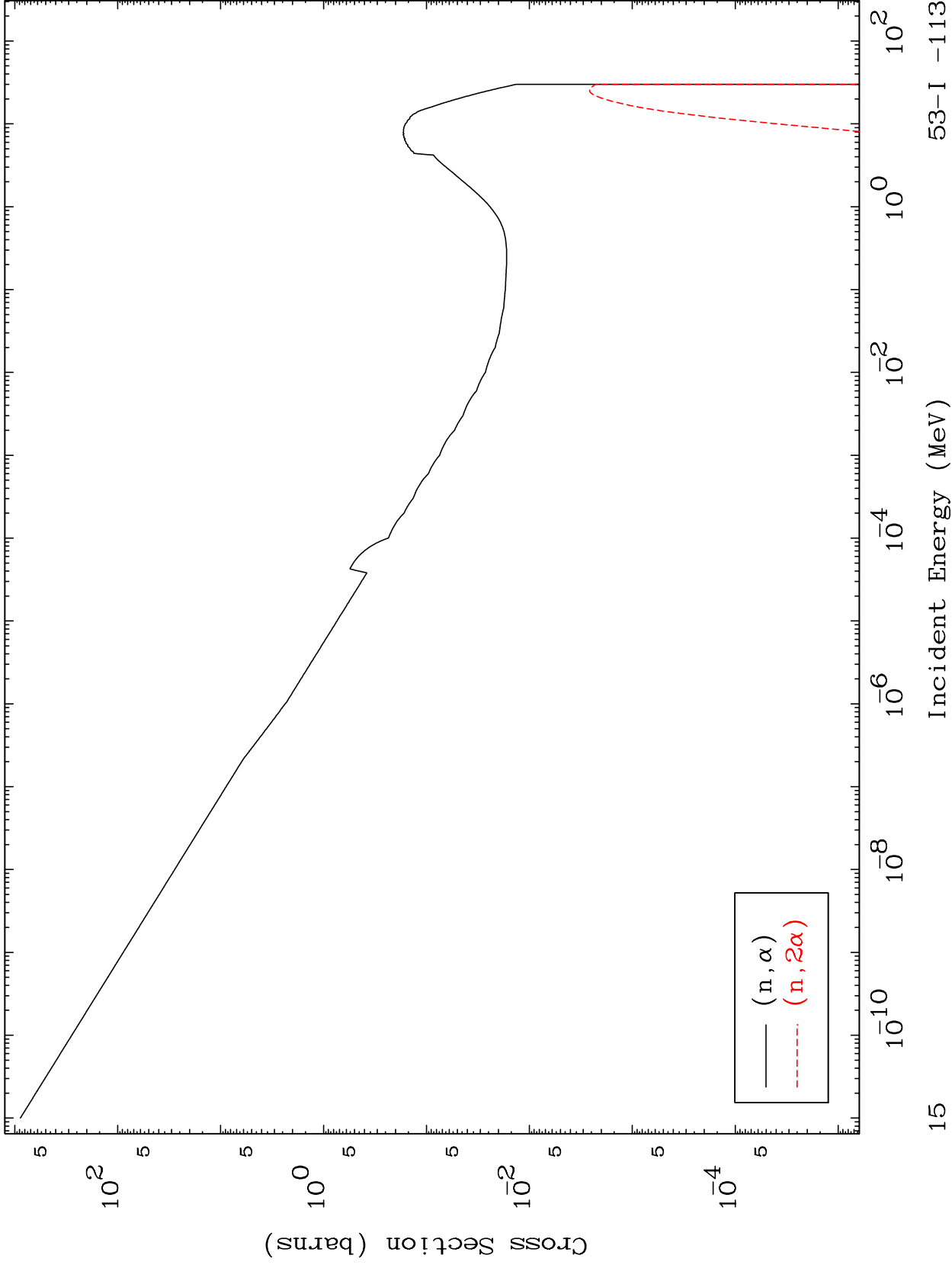
Incident Energy (MeV)

53-I -113

MAT 5283

(n,α) Levels  
293 Kelvin Cross Sections

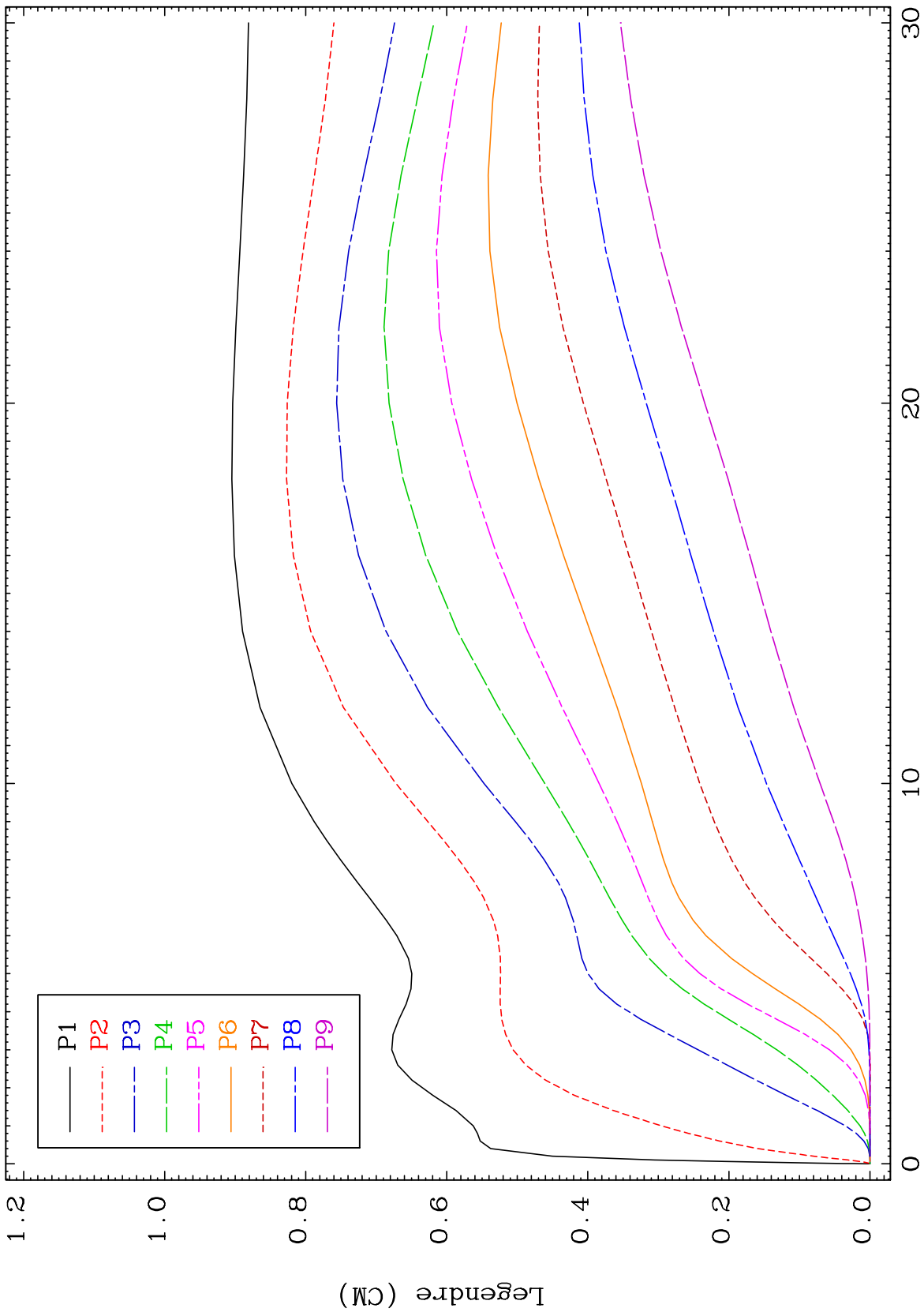
53-I -113



15

Incident Energy (MeV)

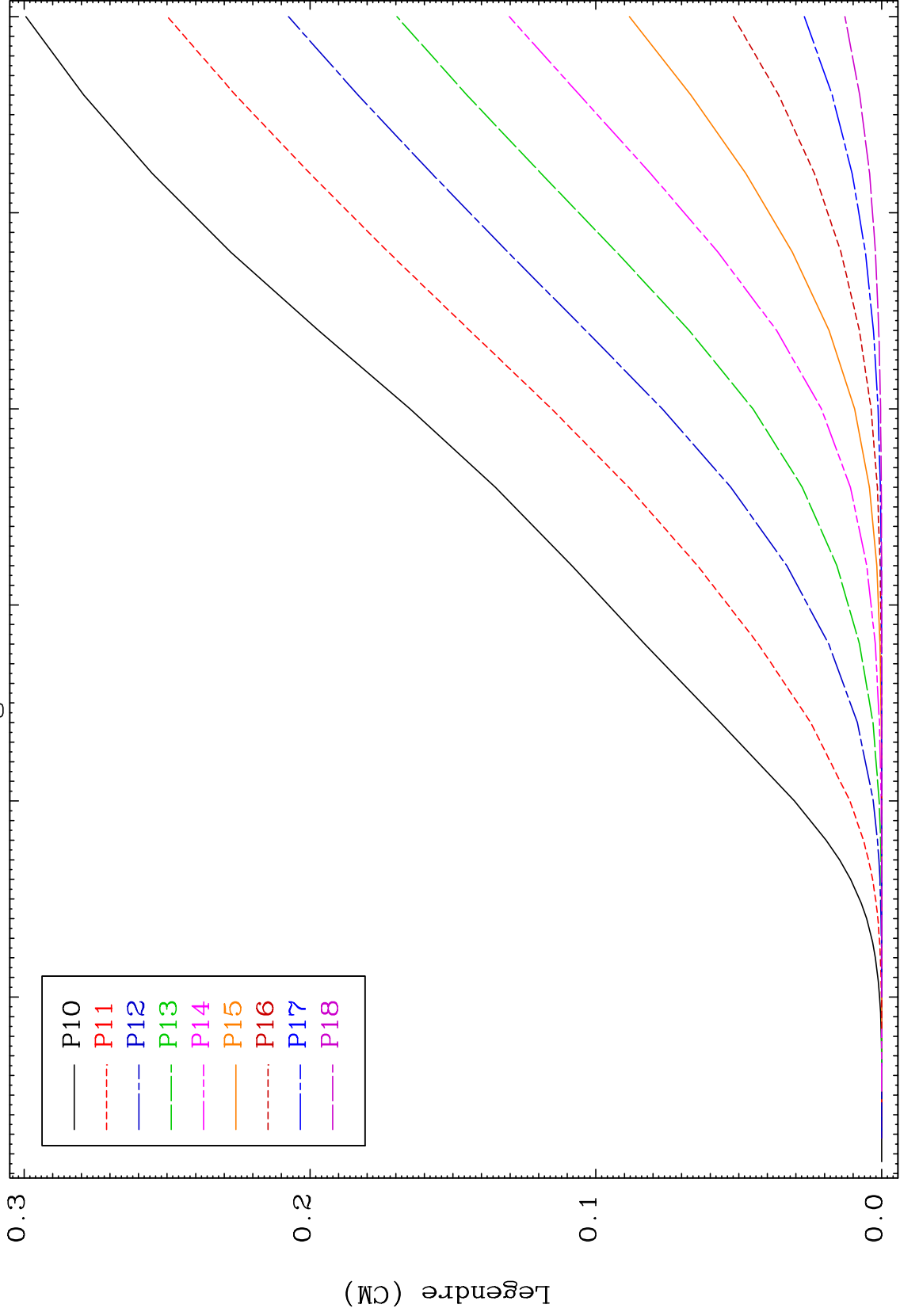
53-I -113



MAT 5283

Elastic  
Legendre Coefficients

53-I -113



17

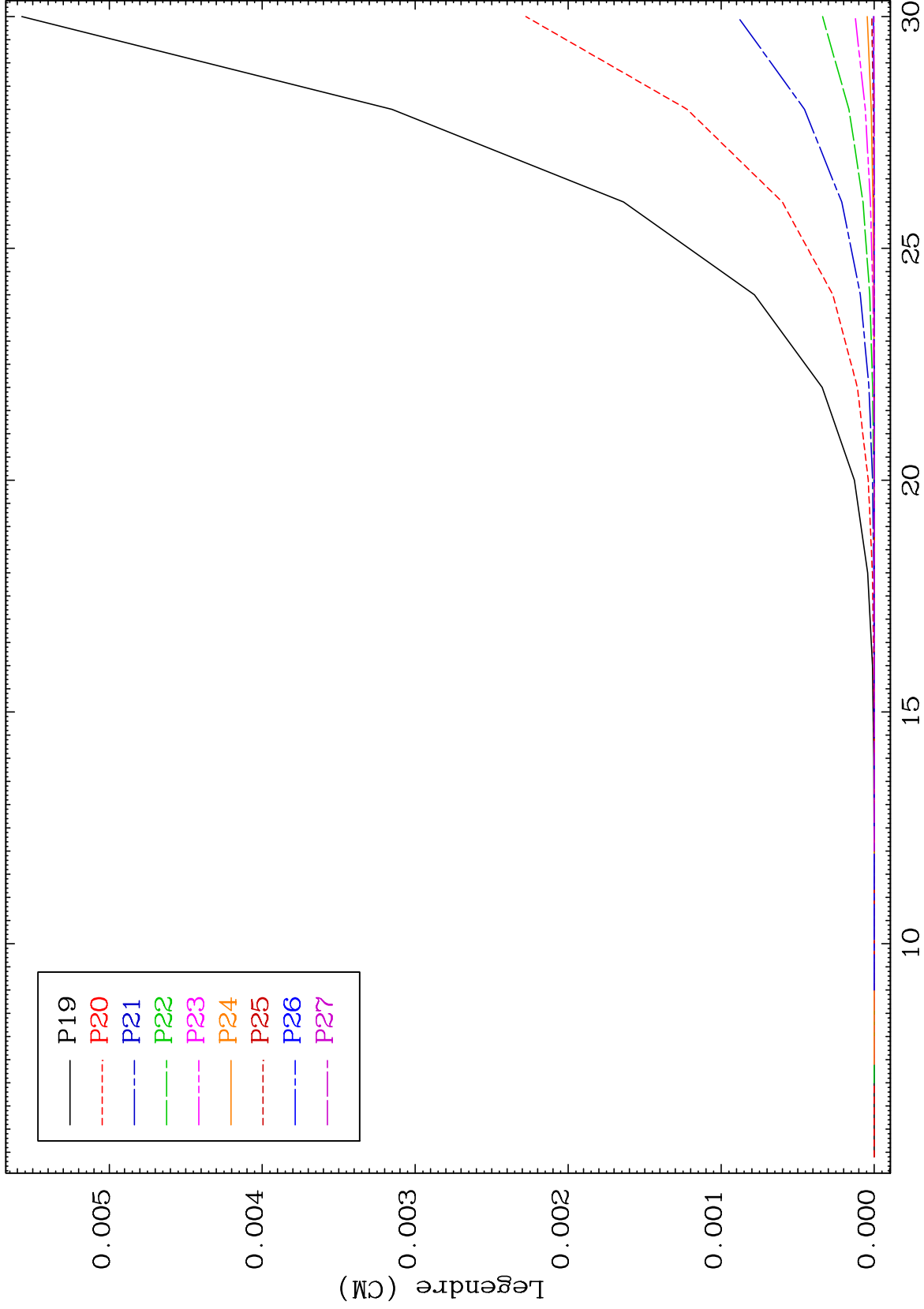
Incident Energy (MeV)

53-I -113

MAT 5283

Elastic Legendre Coefficients

53-I -113



18

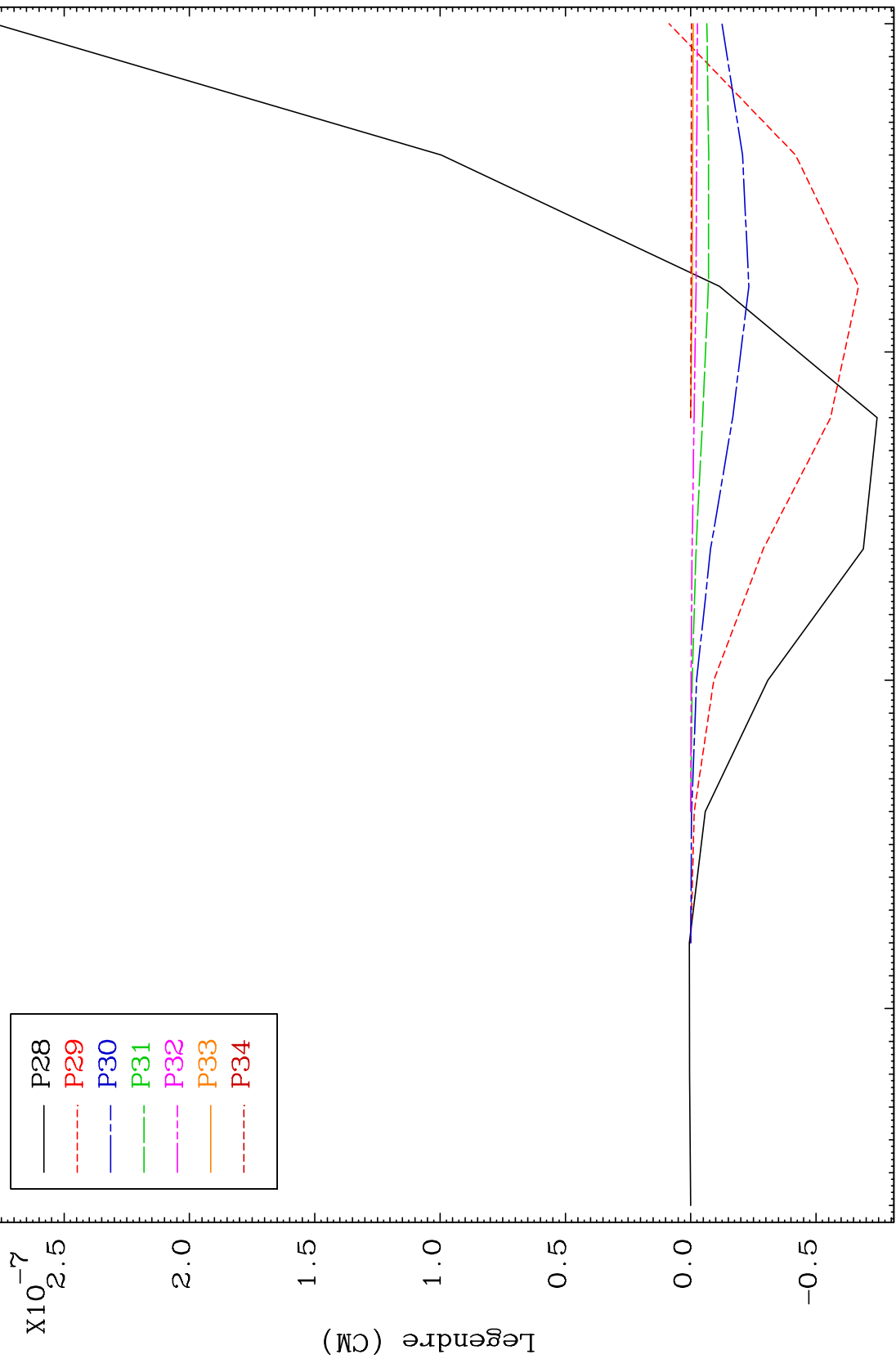
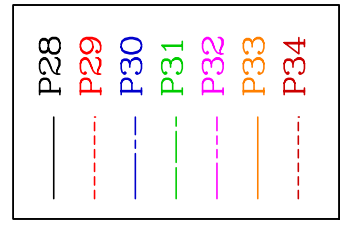
Incident Energy (MeV)

53-I -113

MAT 5283

Elastic Legendre Coefficients

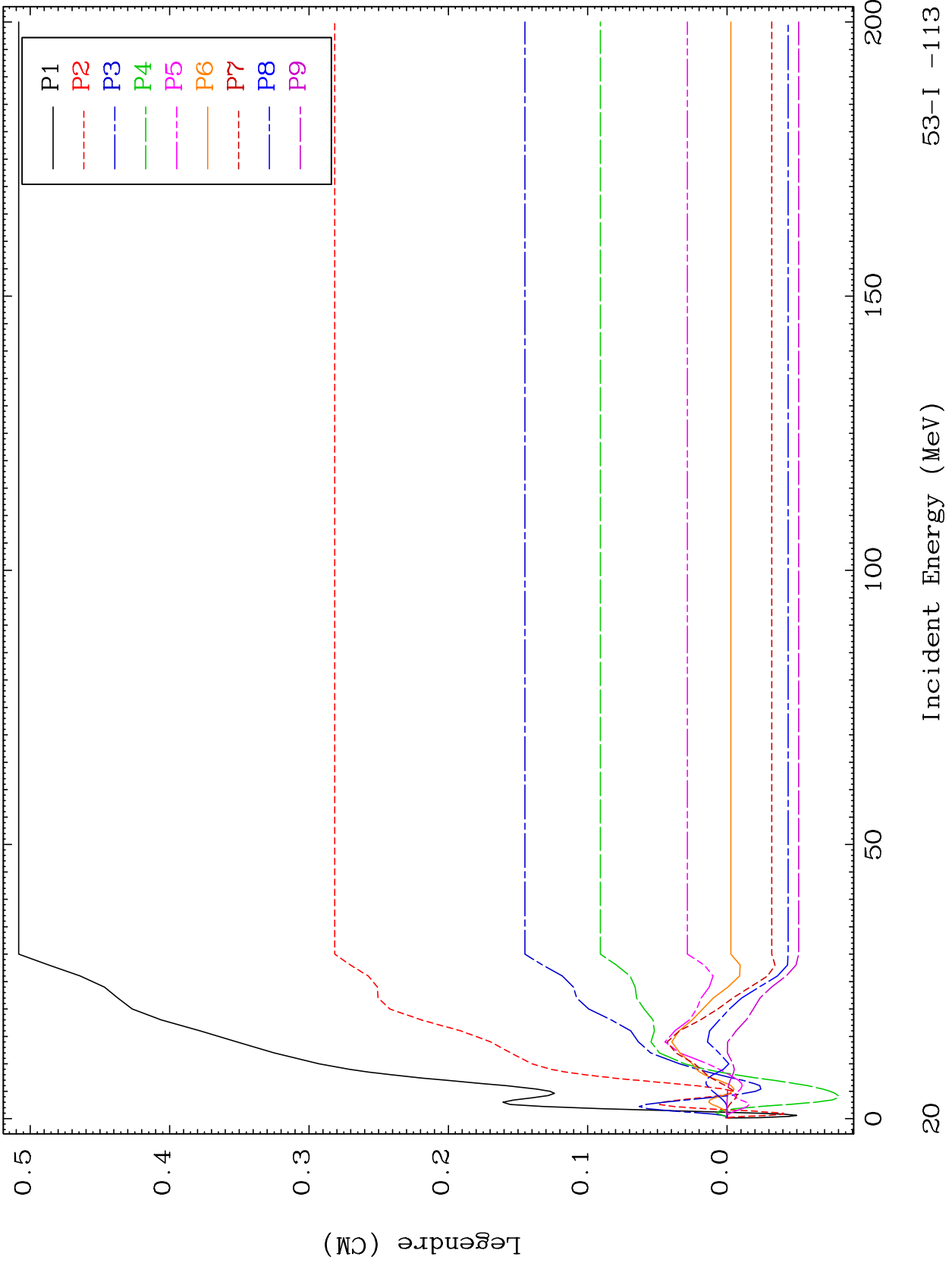
53-I -113



19

Incident Energy (MeV)

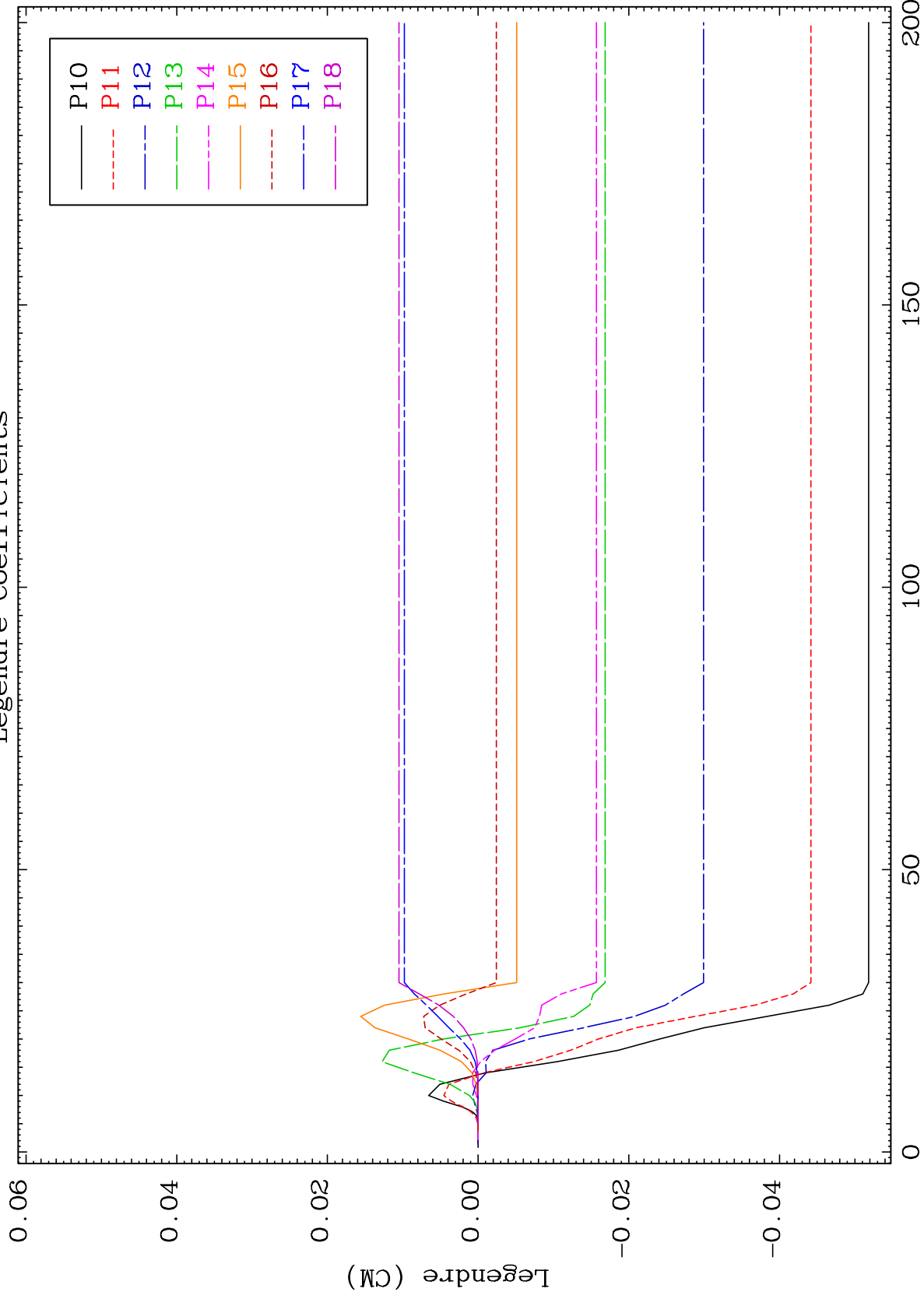
53-I -113



MAT 5283

MT= 51 (n,n') Level  
Legendre Coefficients

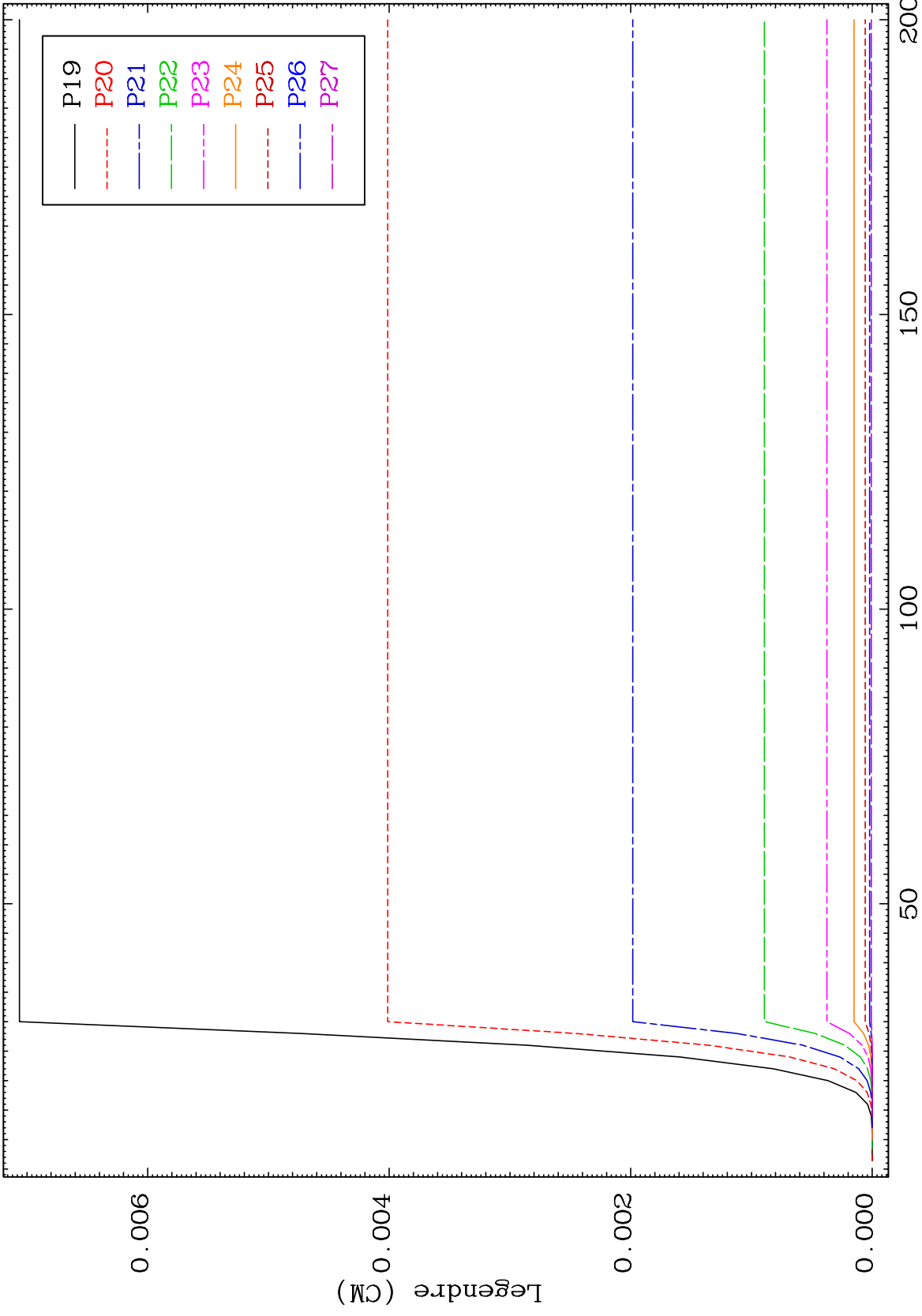
53-I -113

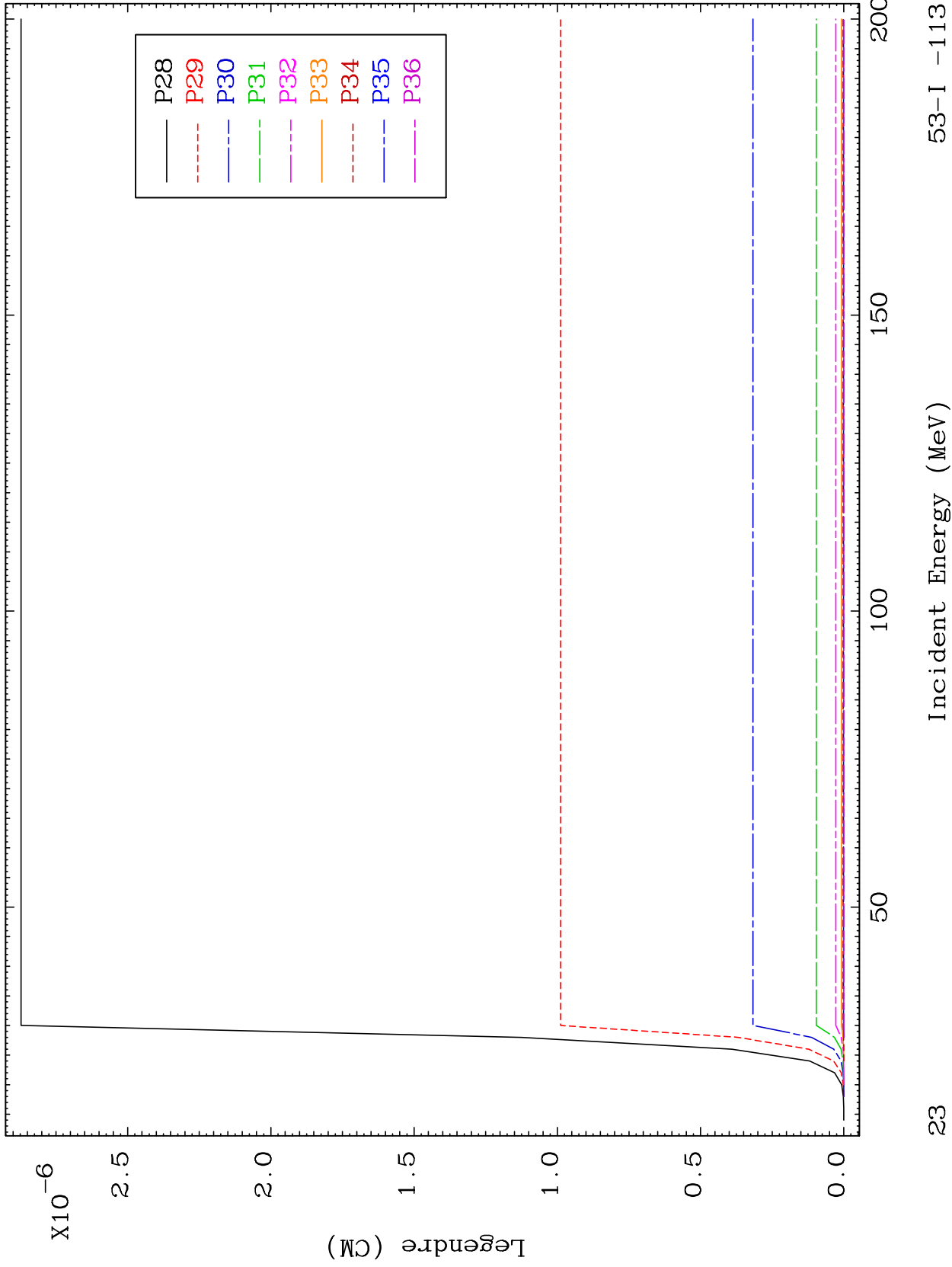


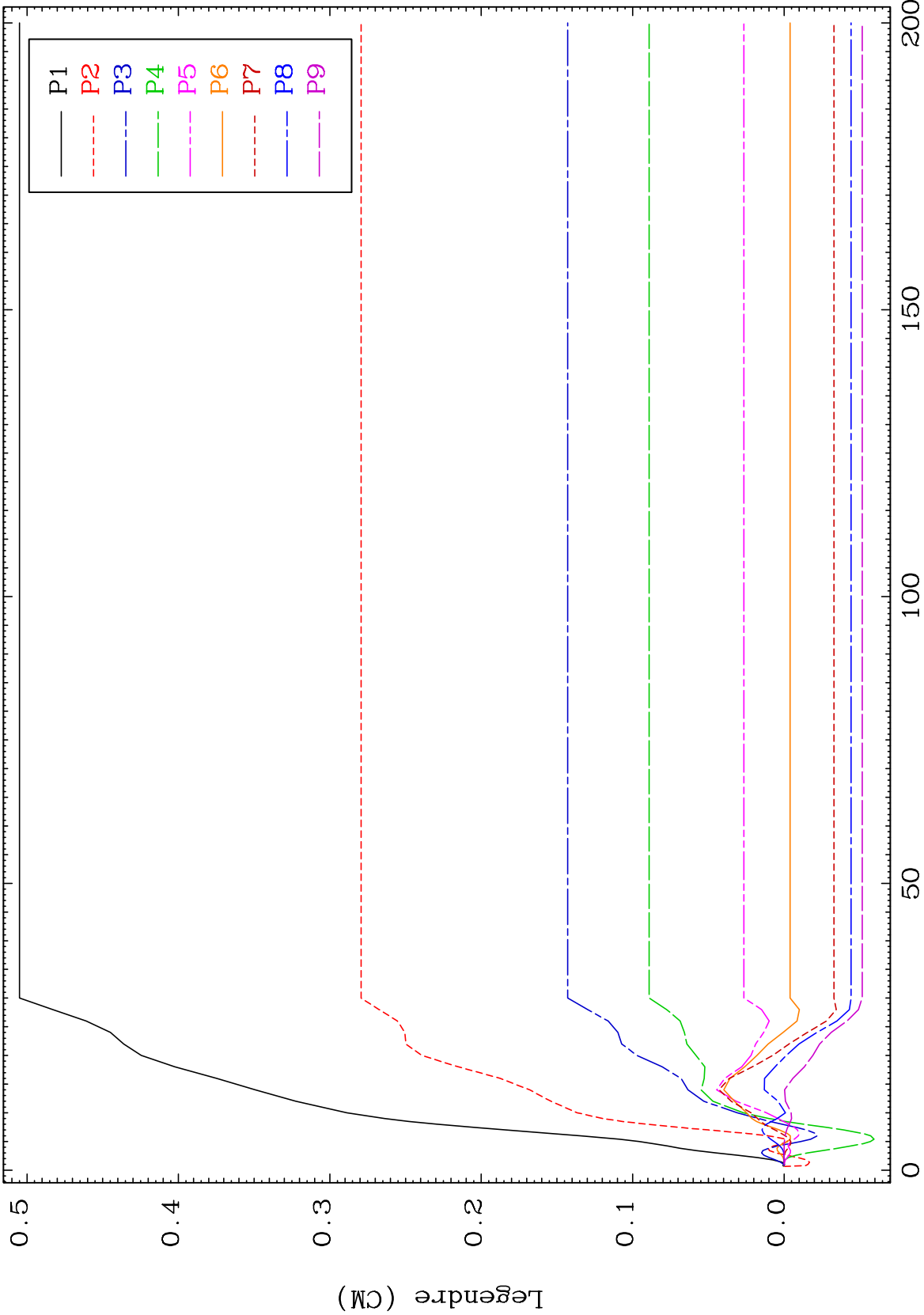
21

Incident Energy (MeV)

53-I -113



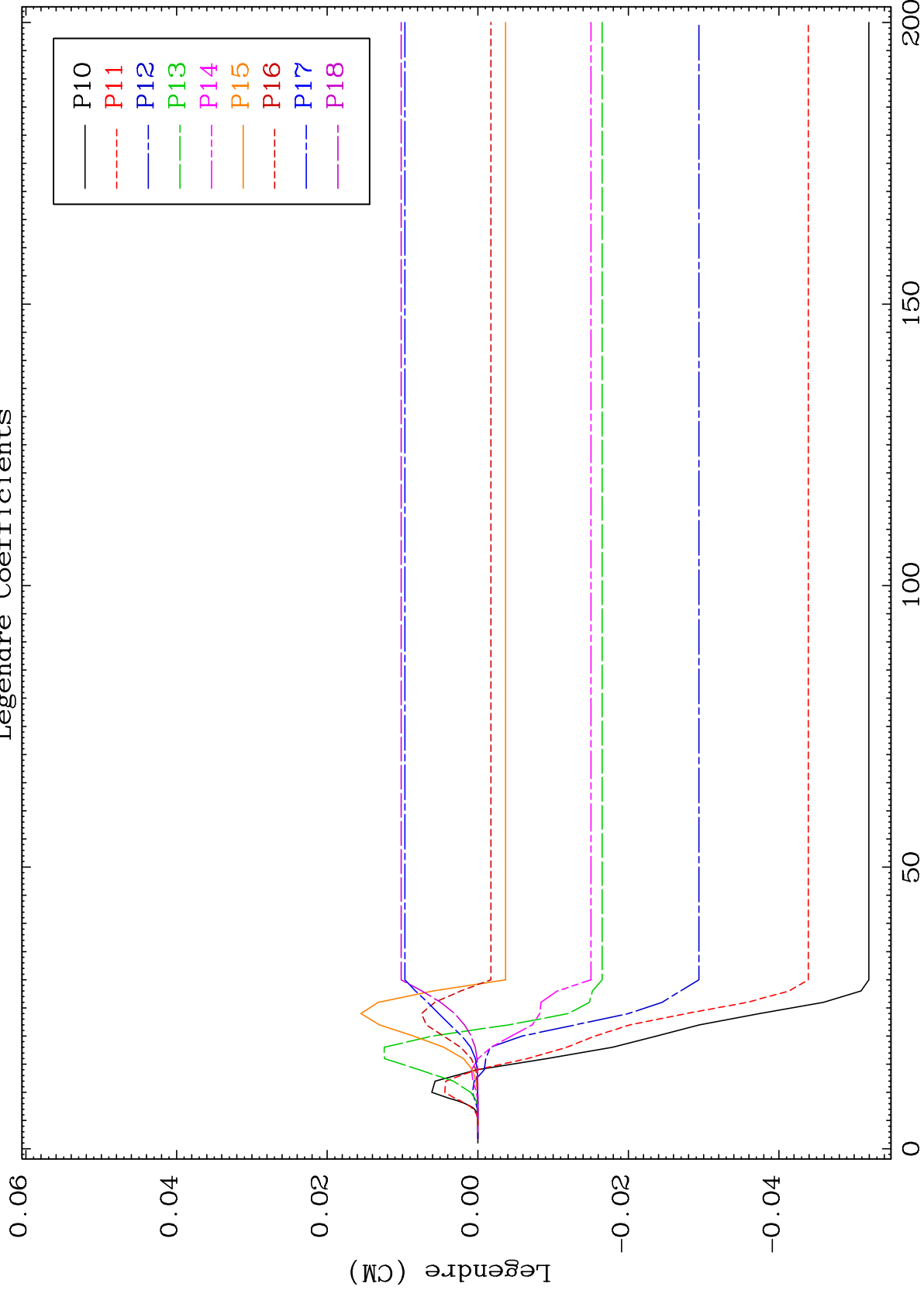




MAT 5283

MT= 52 (n,n') Level  
Legendre Coefficients

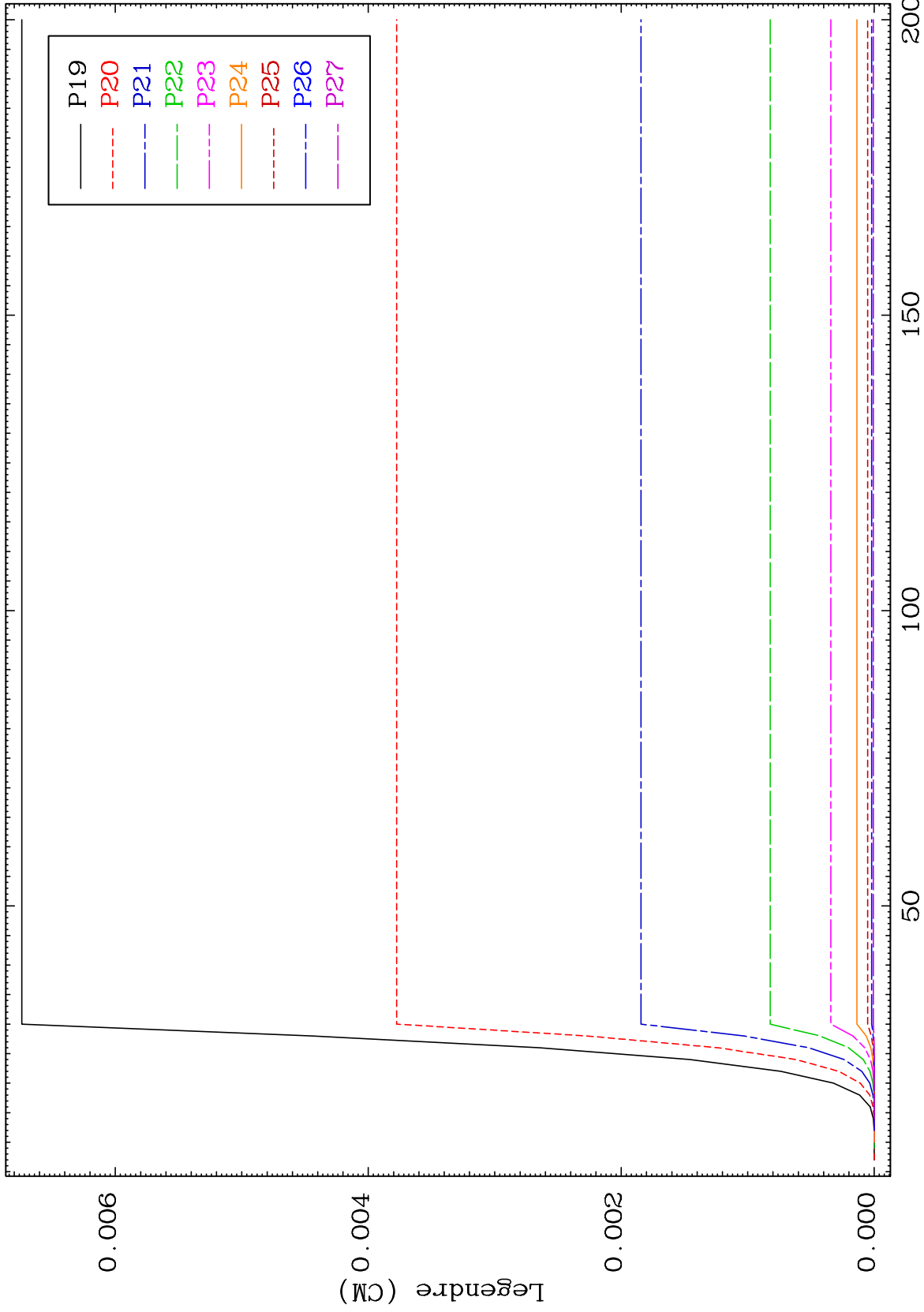
53-I -113

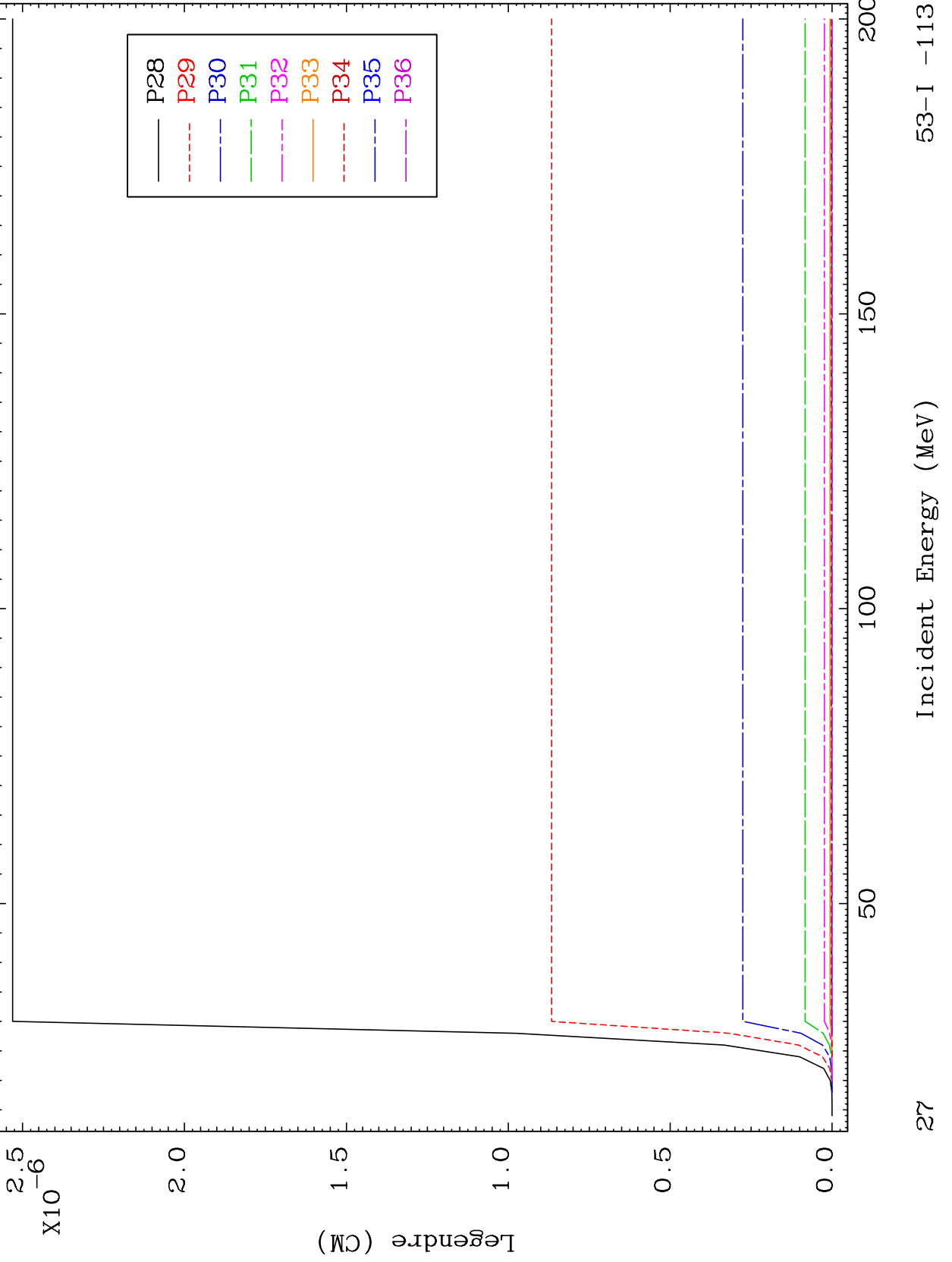


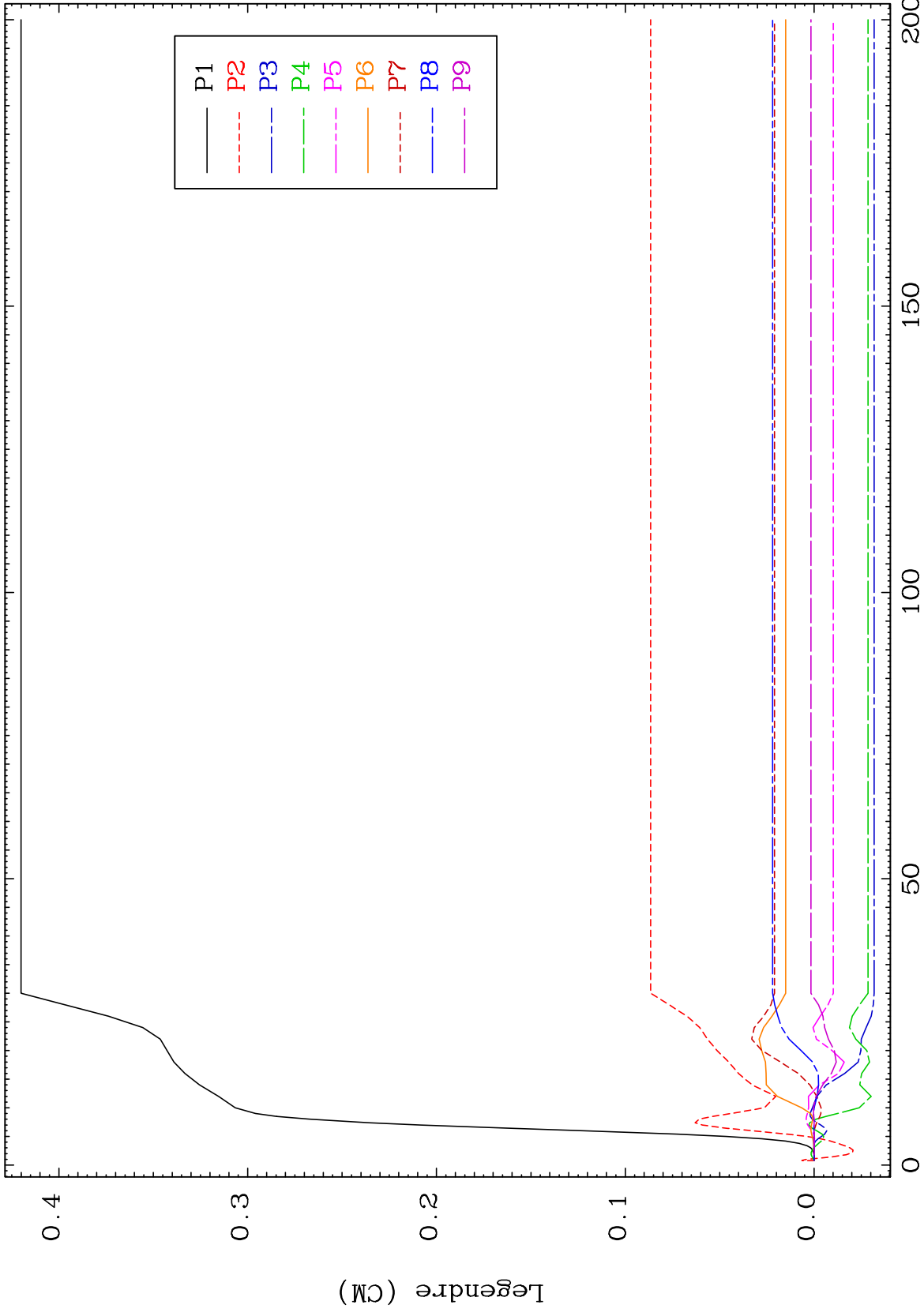
25

Incident Energy (MeV)

53-I -113



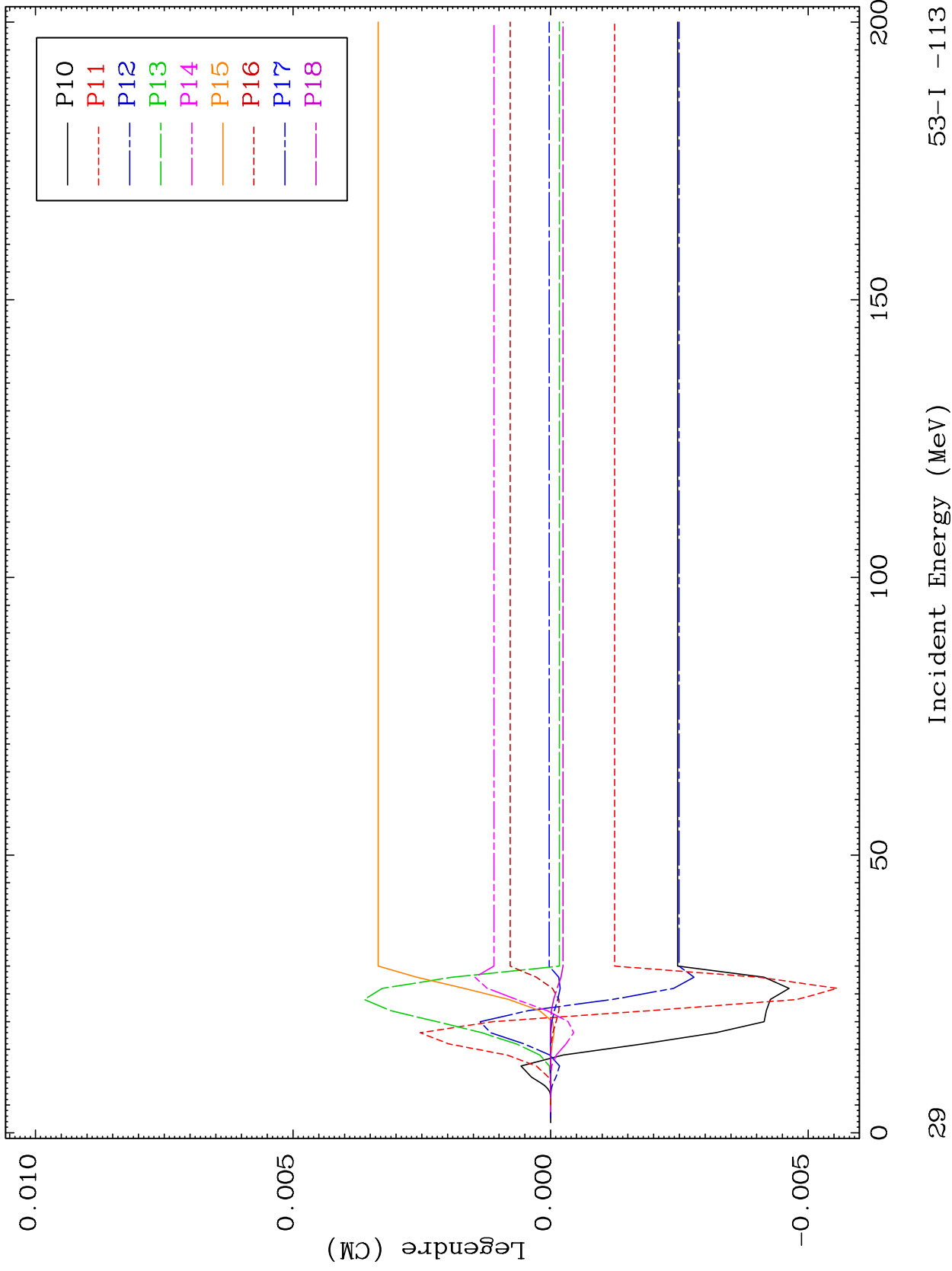




MAT 5283

MT= 53 (n,n') Level  
Legendre Coefficients

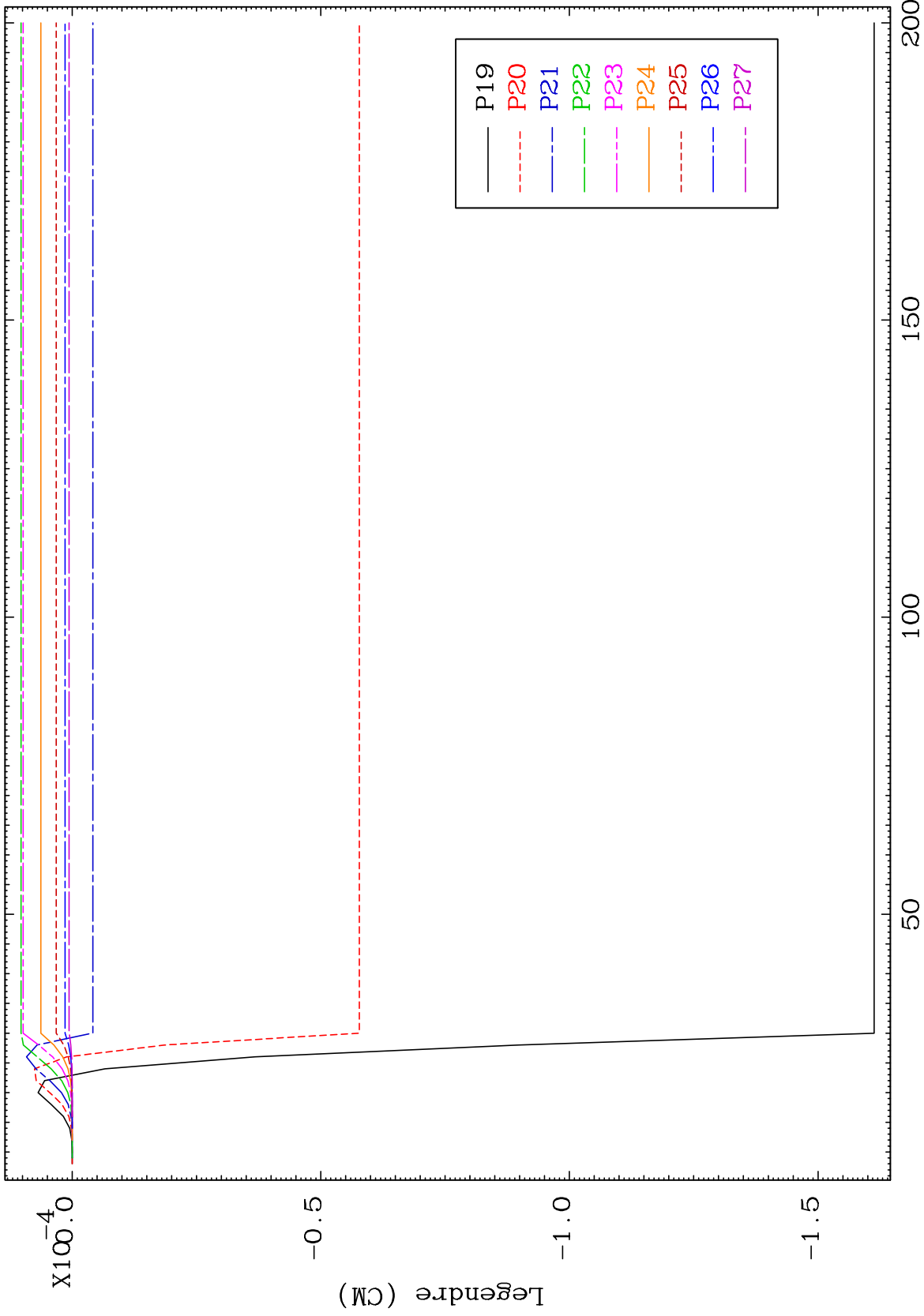
53-I -113

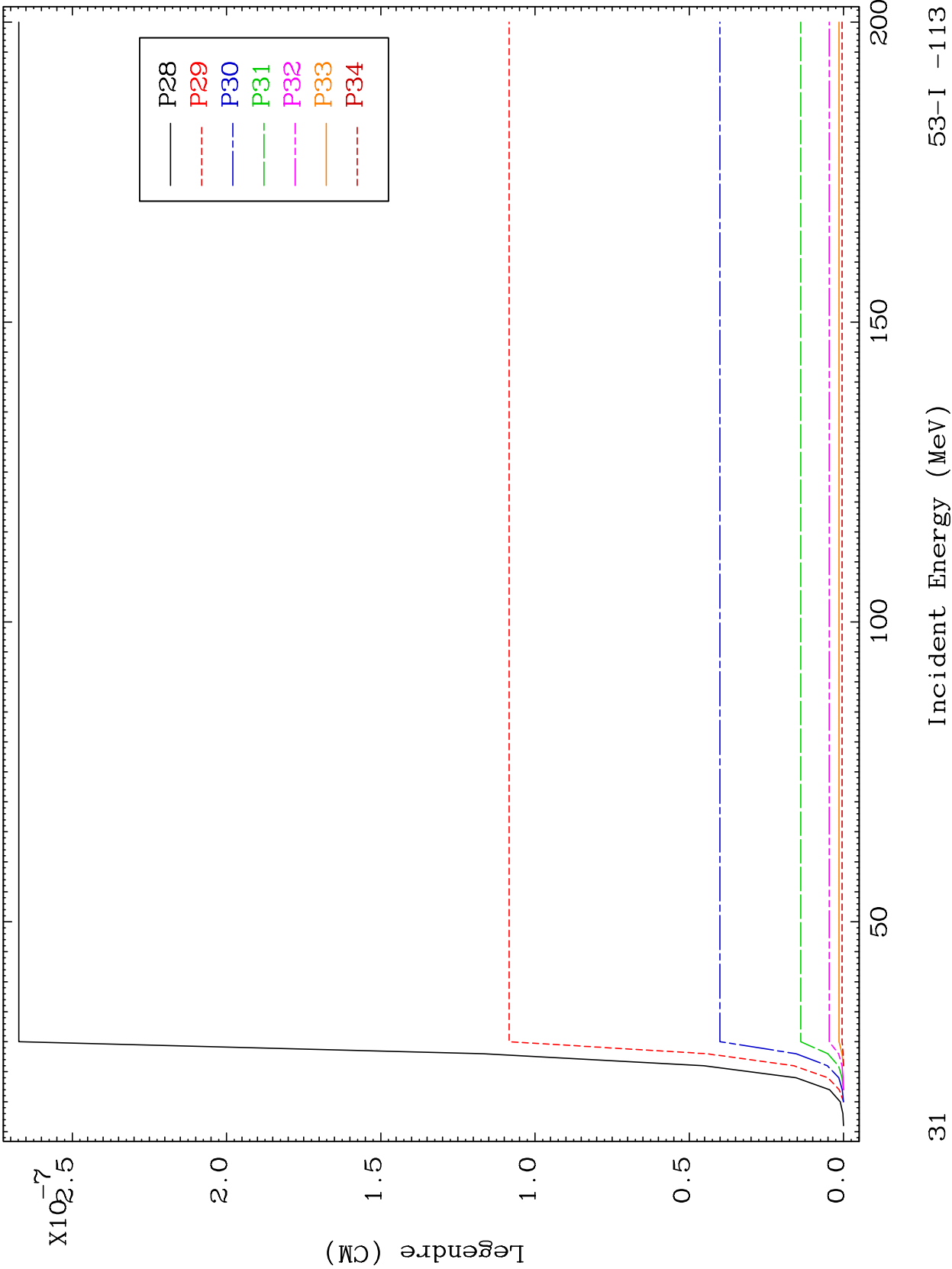


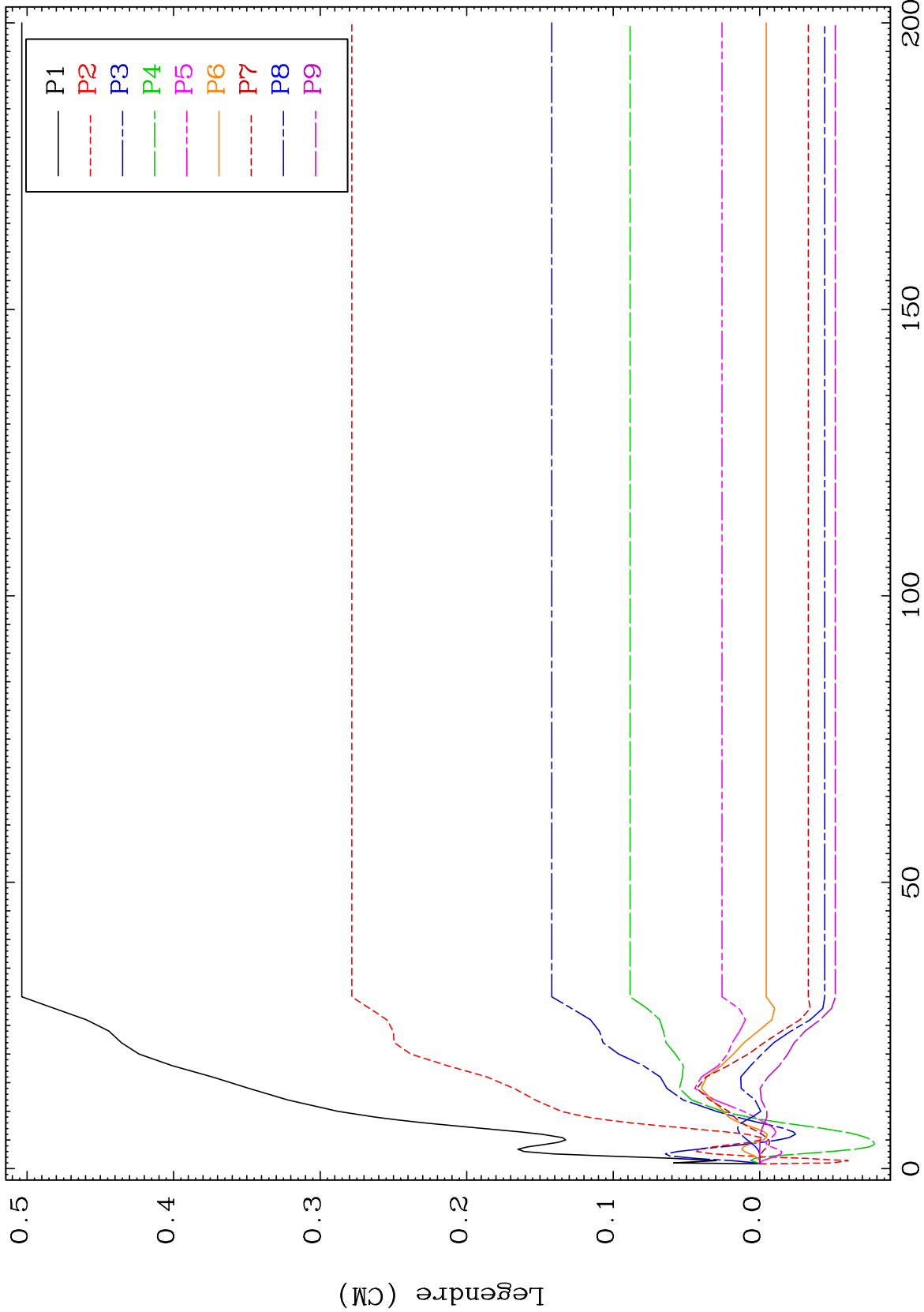
53-I -113

Incident Energy (MeV)

29



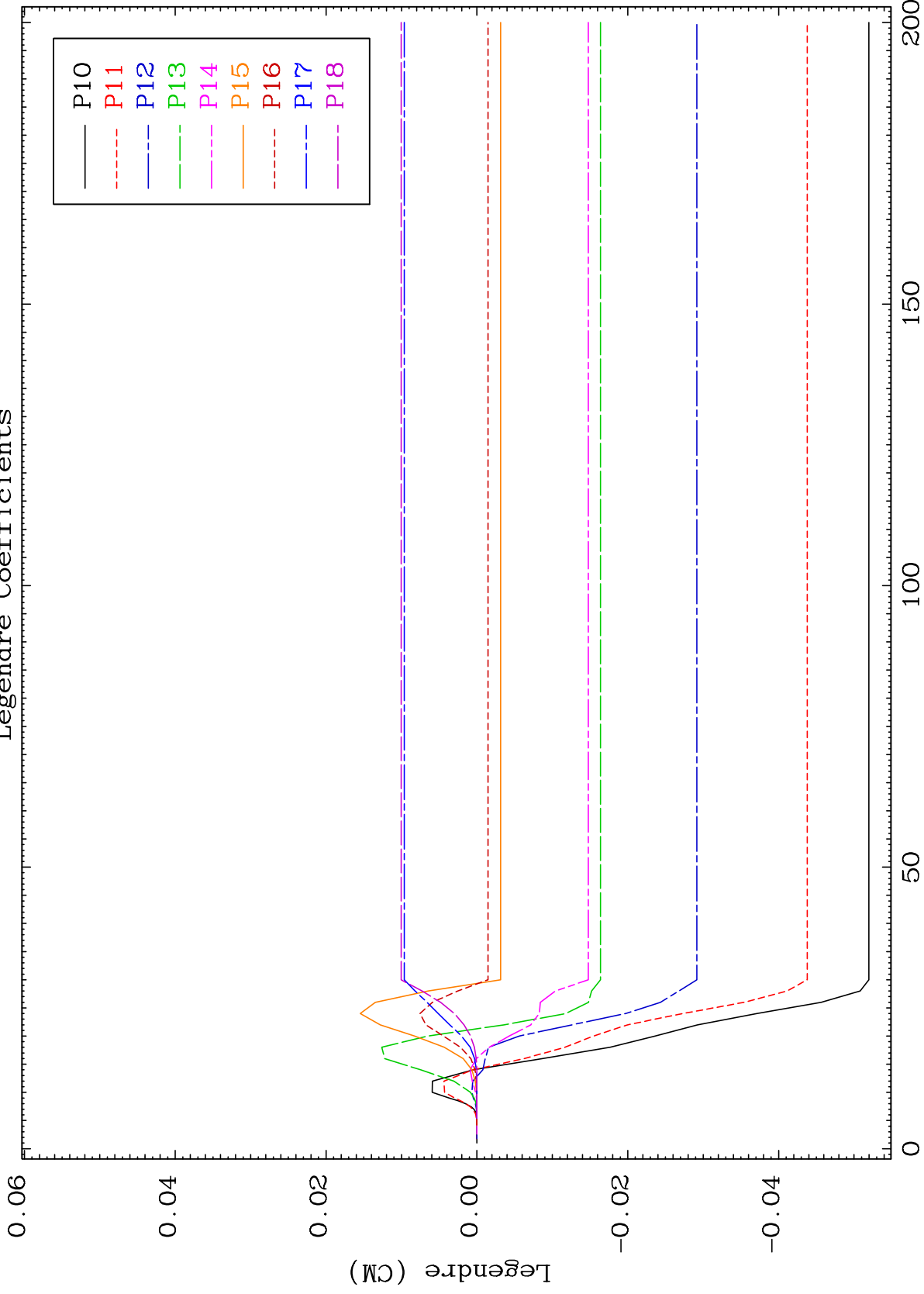




MAT 5283

MT= 54 (n,n') Level  
Legendre Coefficients

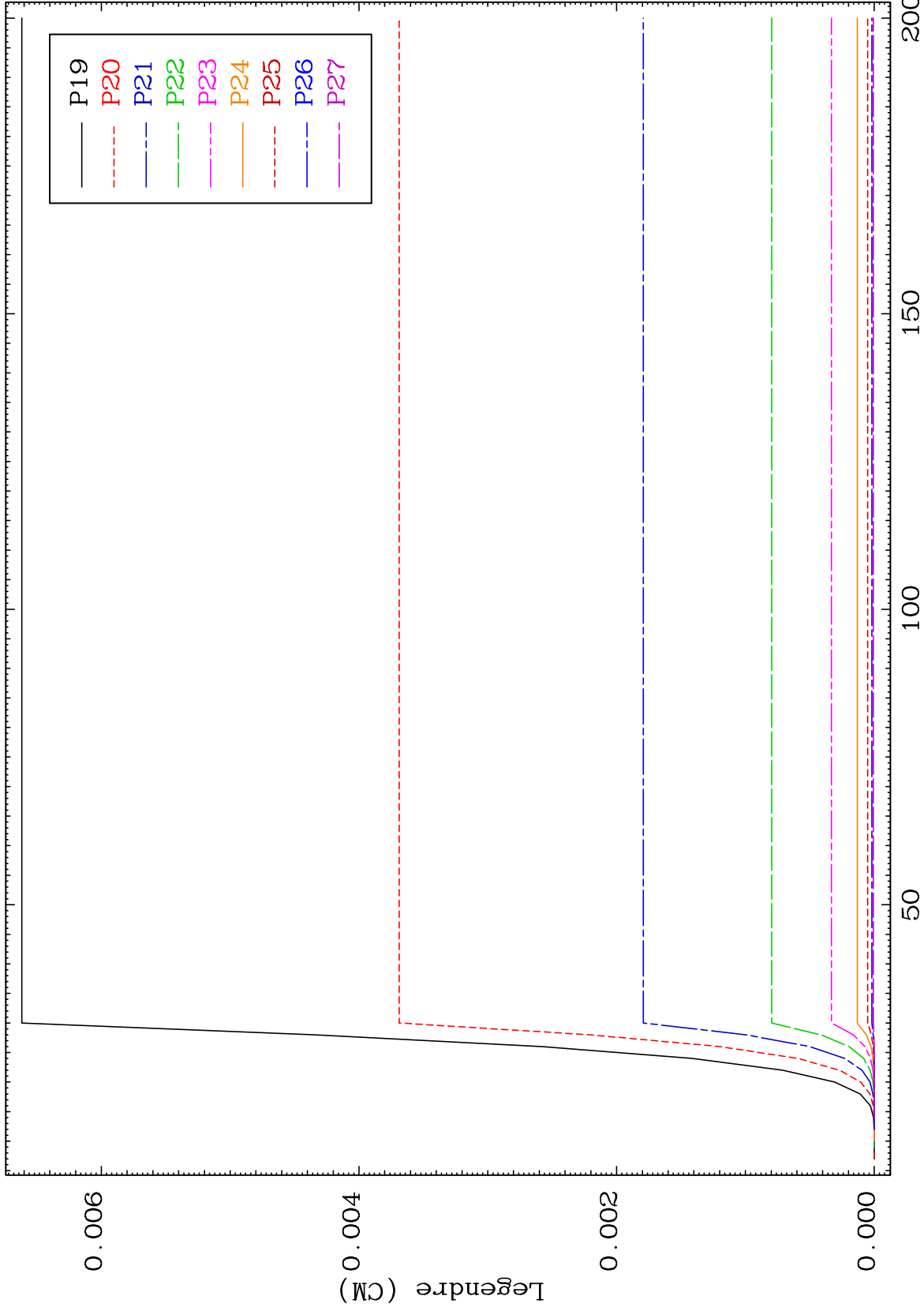
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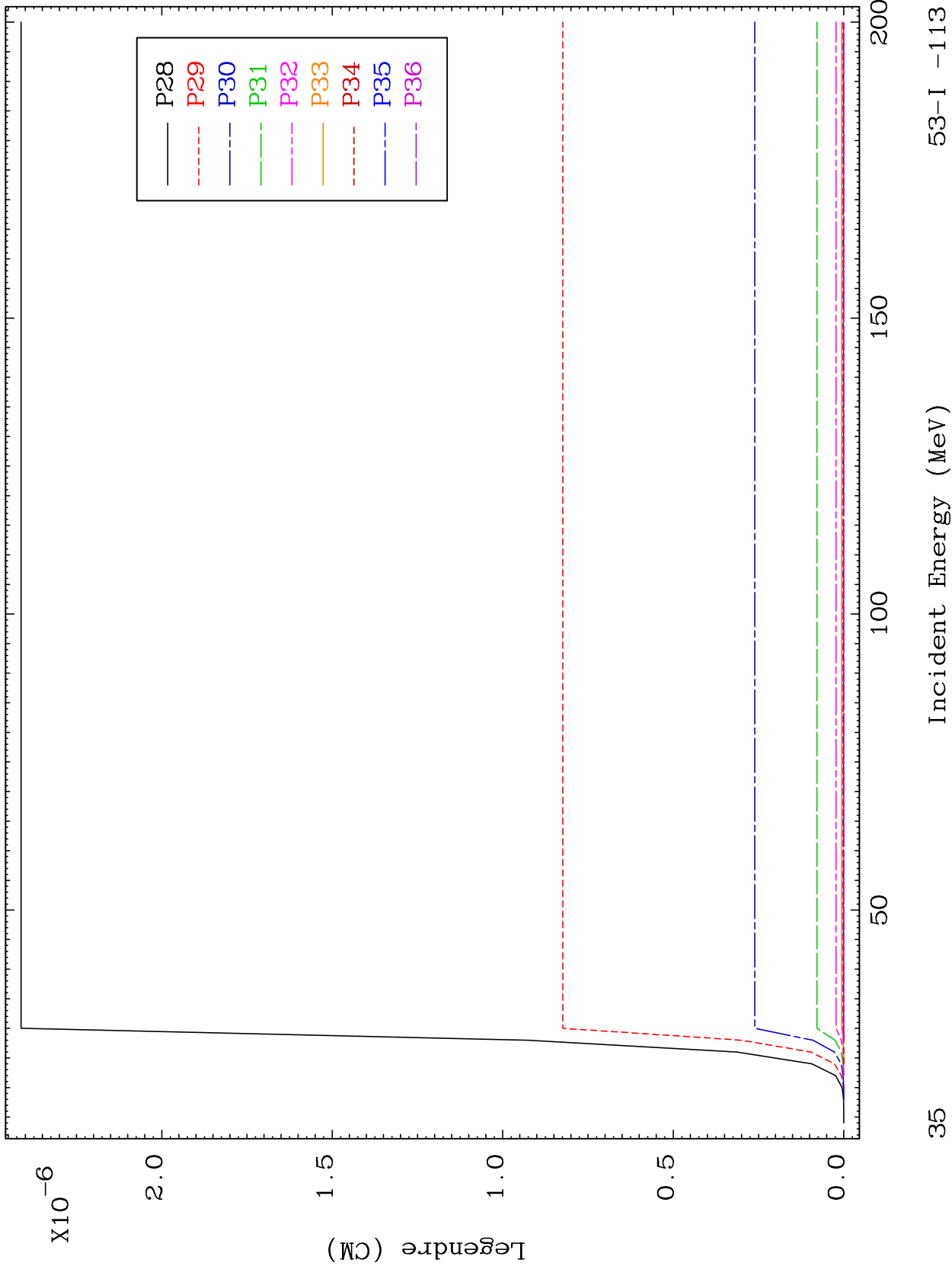


33

Incident Energy (MeV)

53-I -113



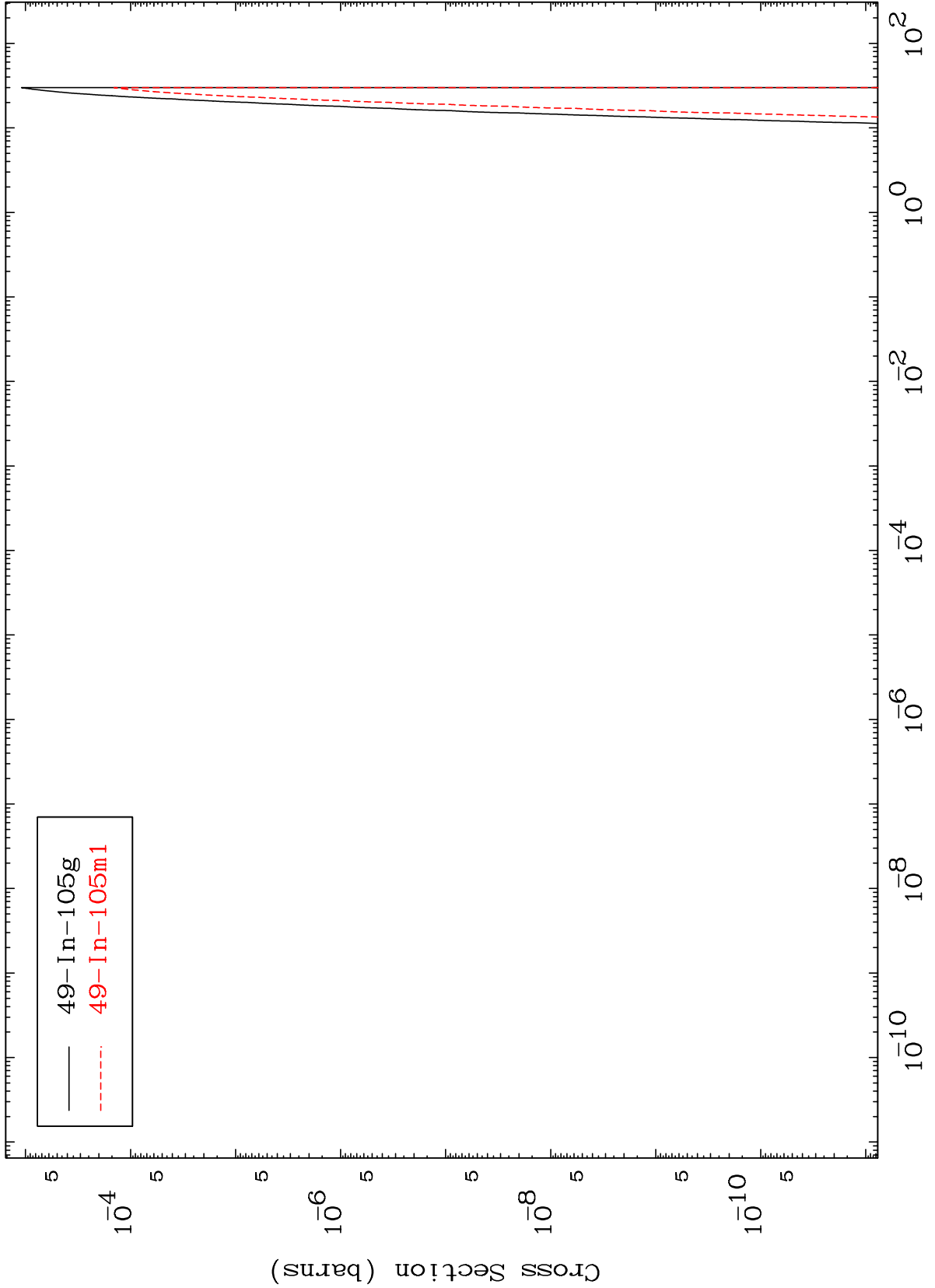


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(n,n') 2α

53-I -113

Radionuclide Production Cross Section



36

Incident Energy (MeV)

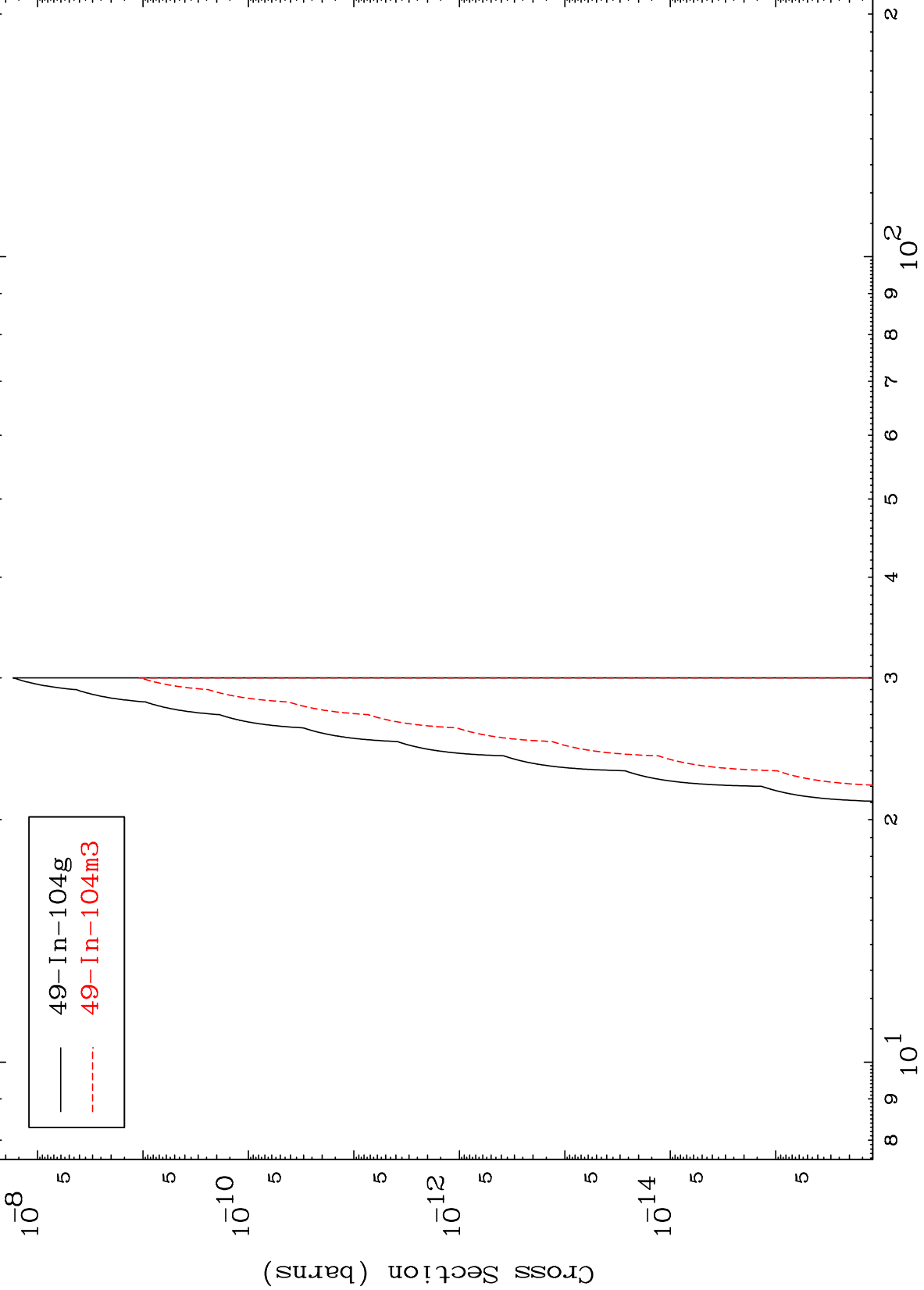
53-I -113

MAT 5283

(n,2n) 2α

53-I -113

Radionuclide Production Cross Section

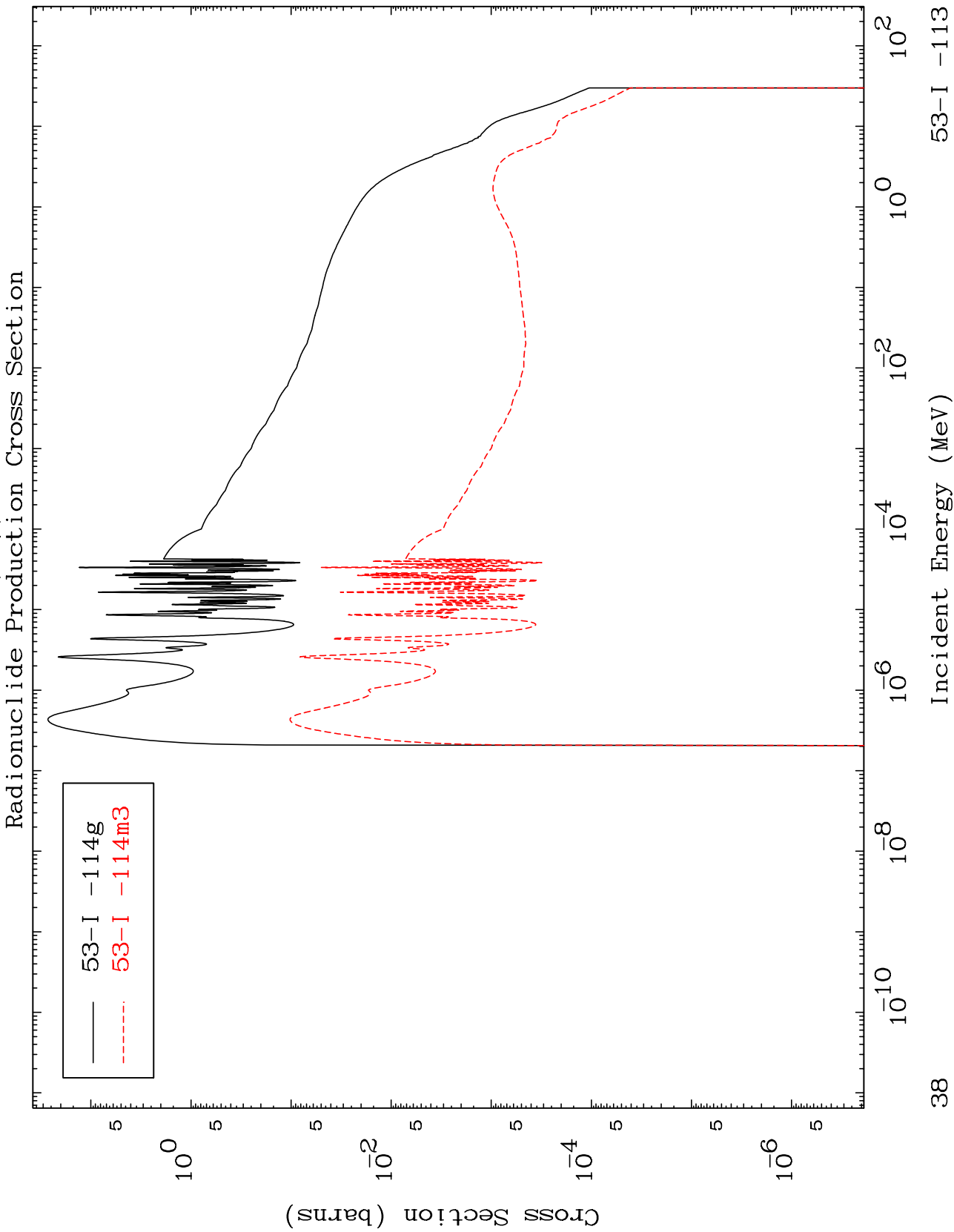


— 49-In-104g  
- - - 49-In-104m3

37

Incident Energy (MeV)

53-I -113

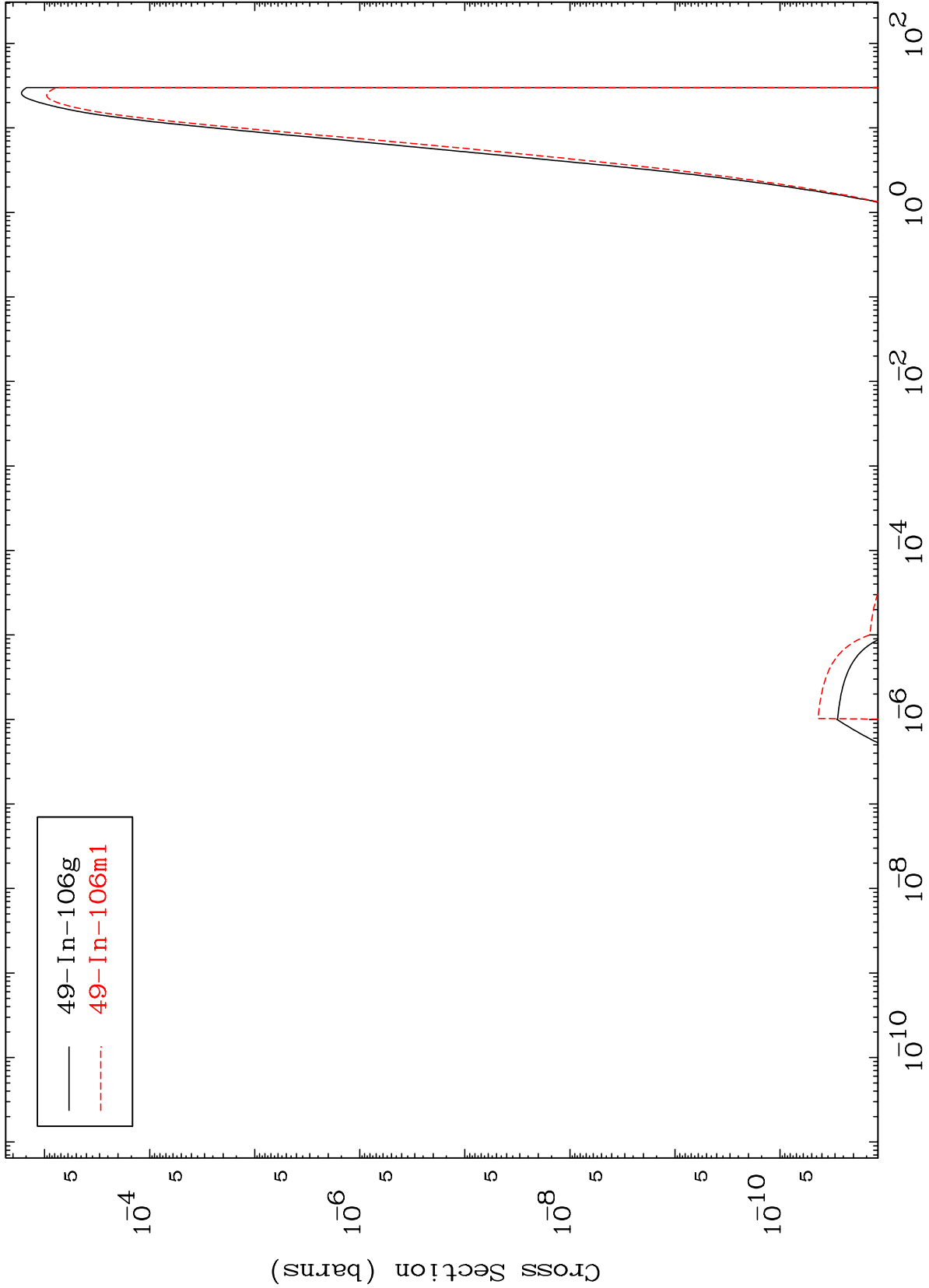


MAT 5283

(n,2α)

53-I -113

Radionuclide Production Cross Section

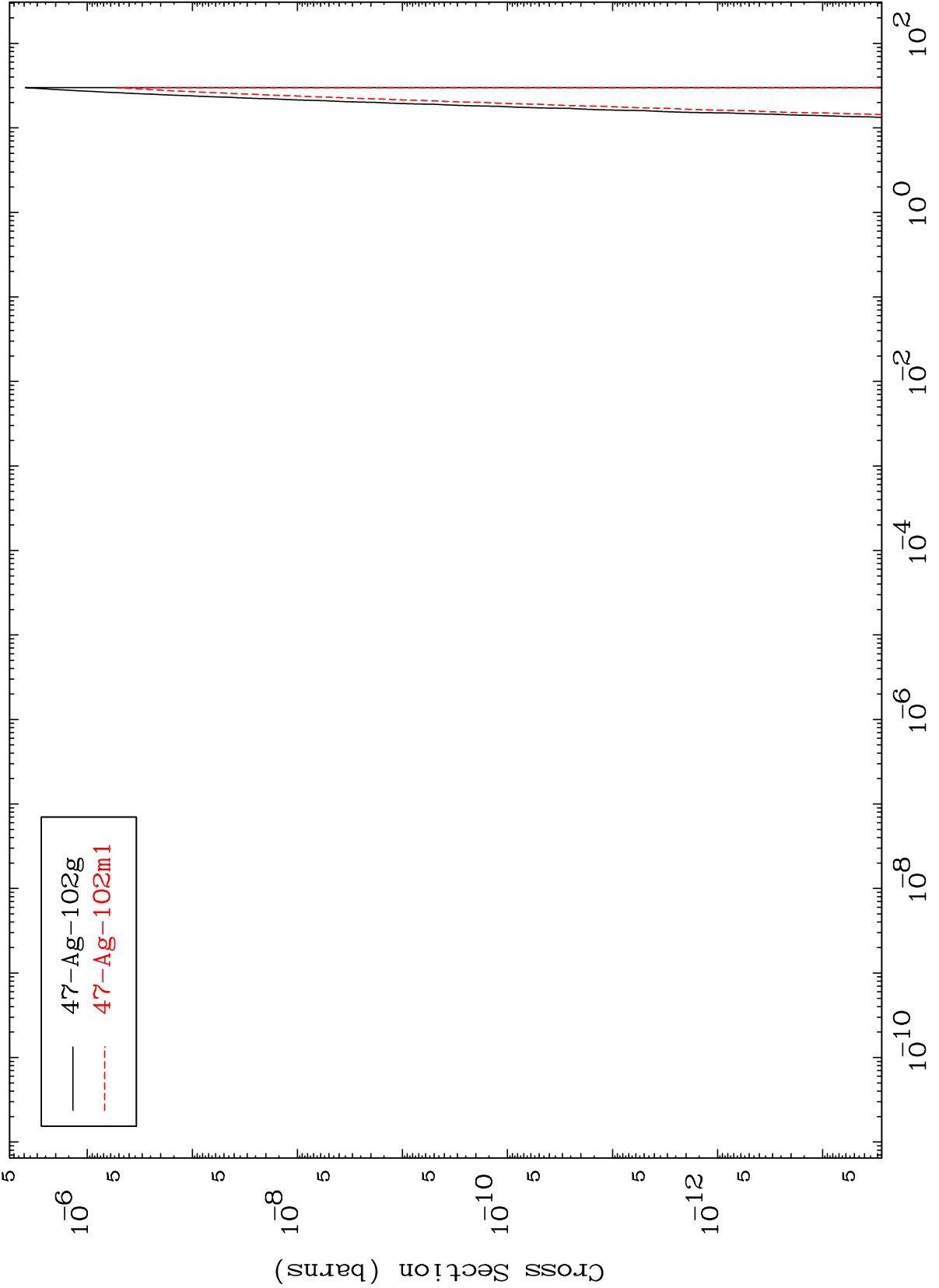


MAT 5283

(n,3 $\alpha$ )

53-I -113

Radionuclide Production Cross Section



— 47-Ag-102g  
- - - 47-Ag-102m1

40

Incident Energy (MeV)

53-I -113