

Program EVALPLOT  
(Version 2015-2)

by

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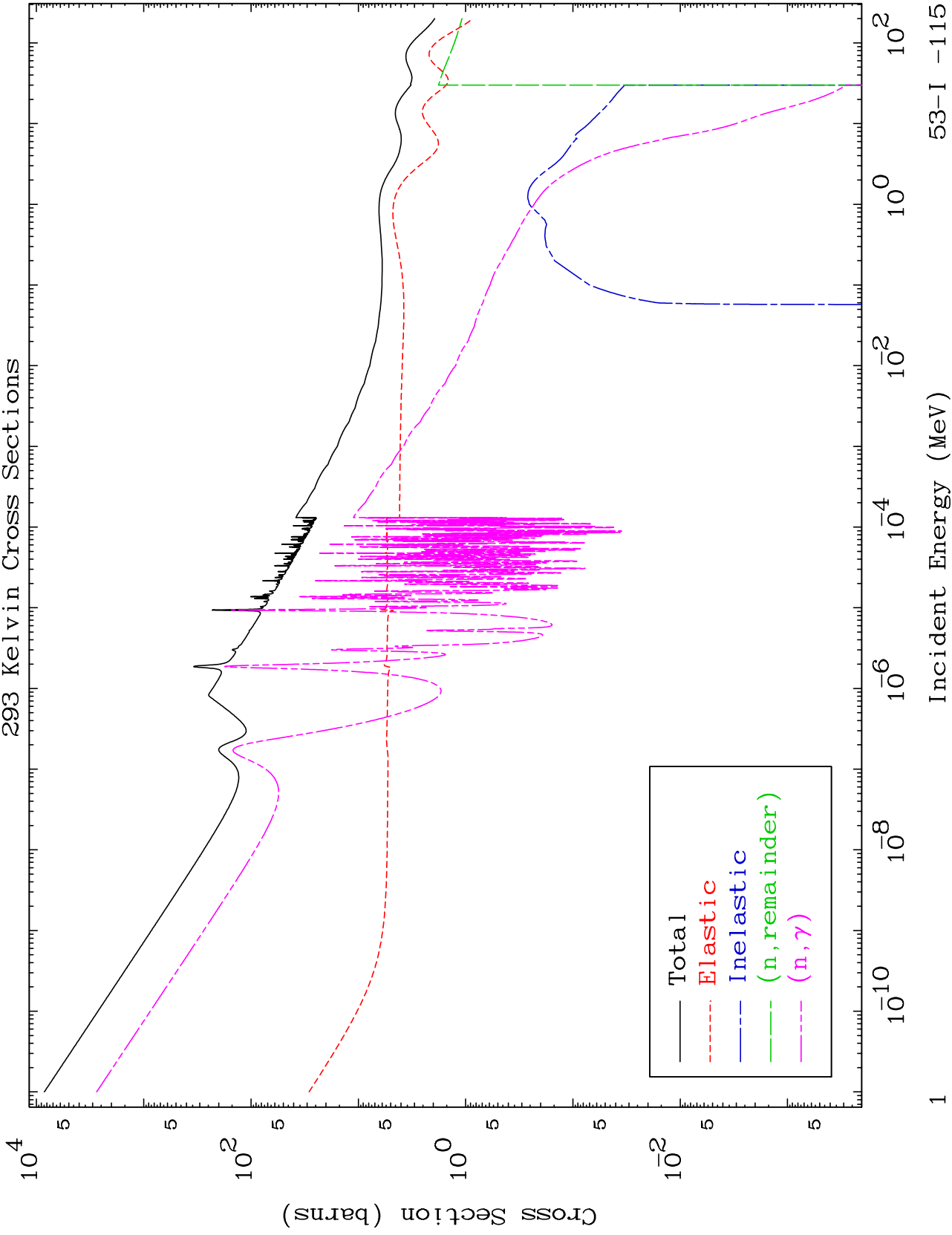
Press Mouse Button to Start

MAT 5289

Major

293 Kelvin Cross Sections

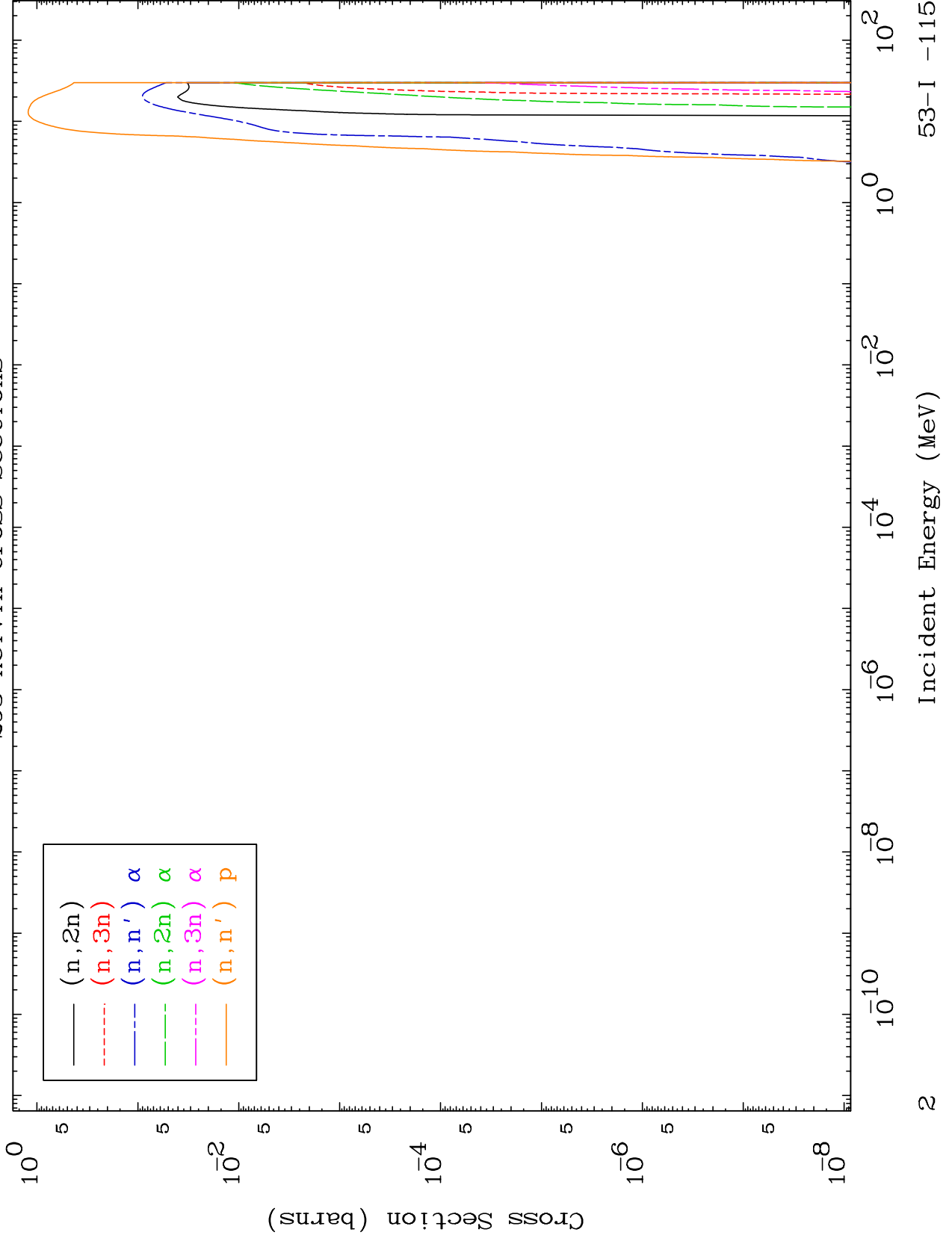
53-I -115

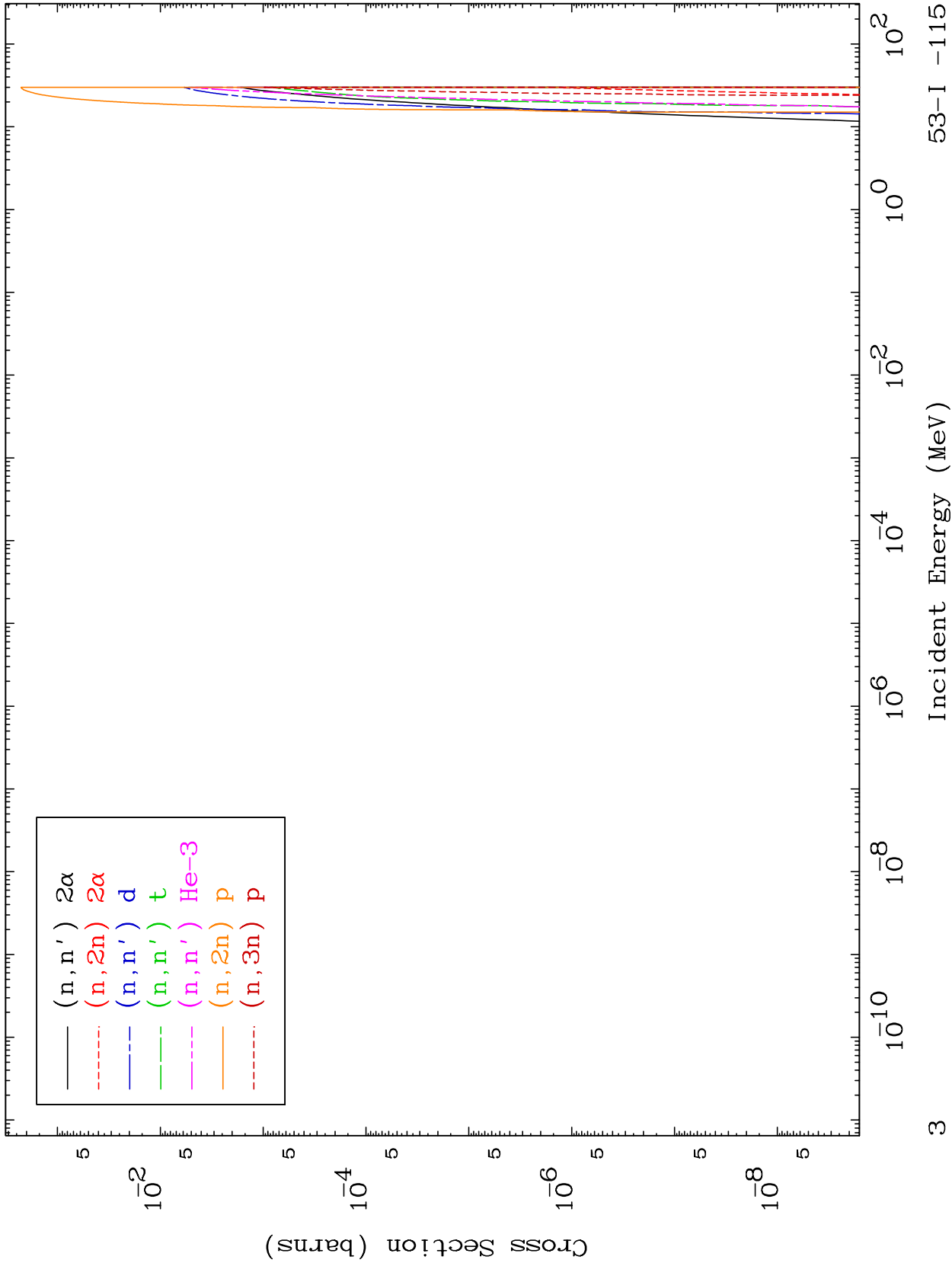


MAT 5289

Neutron Production  
293 Kelvin Cross Sections

53-I -115

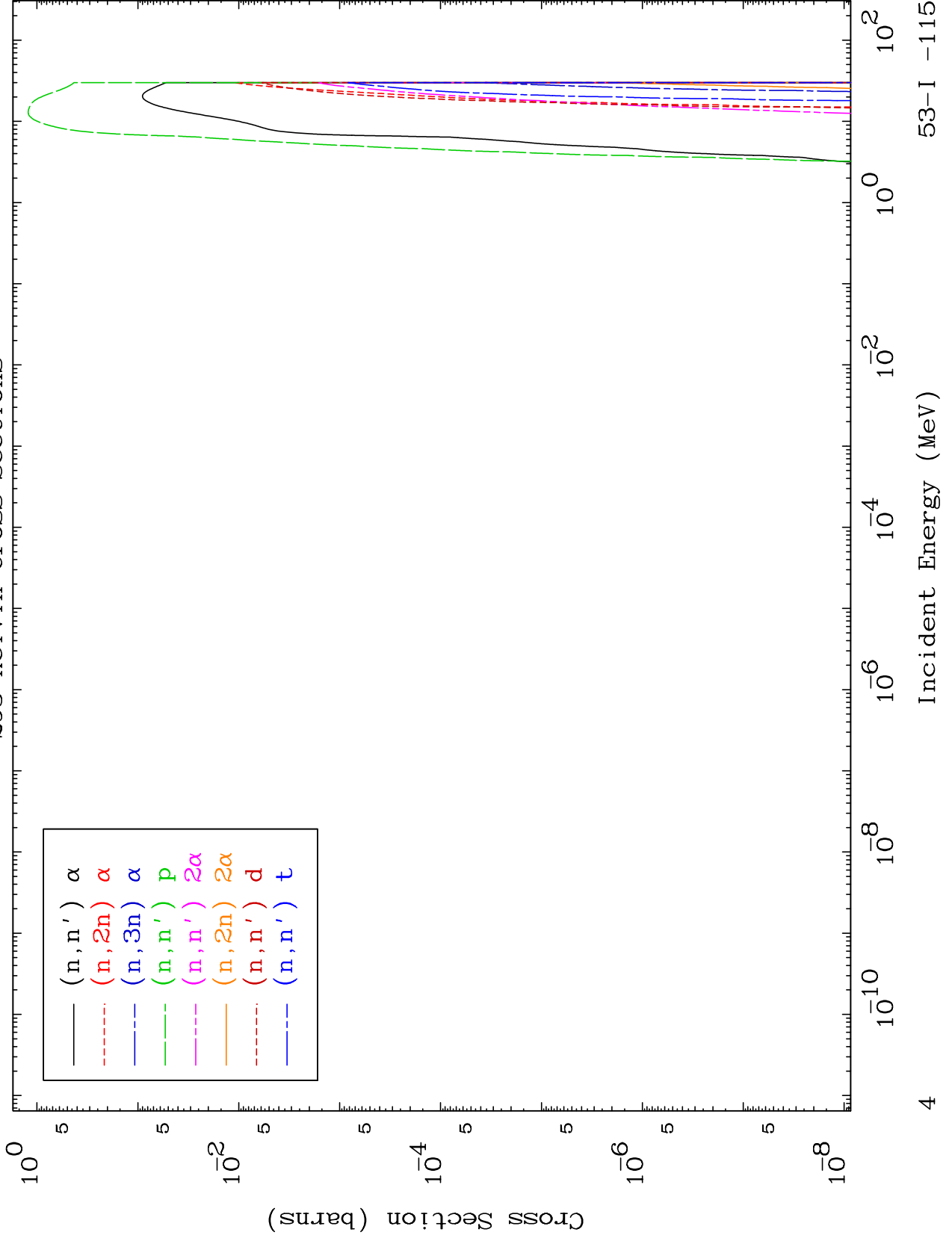


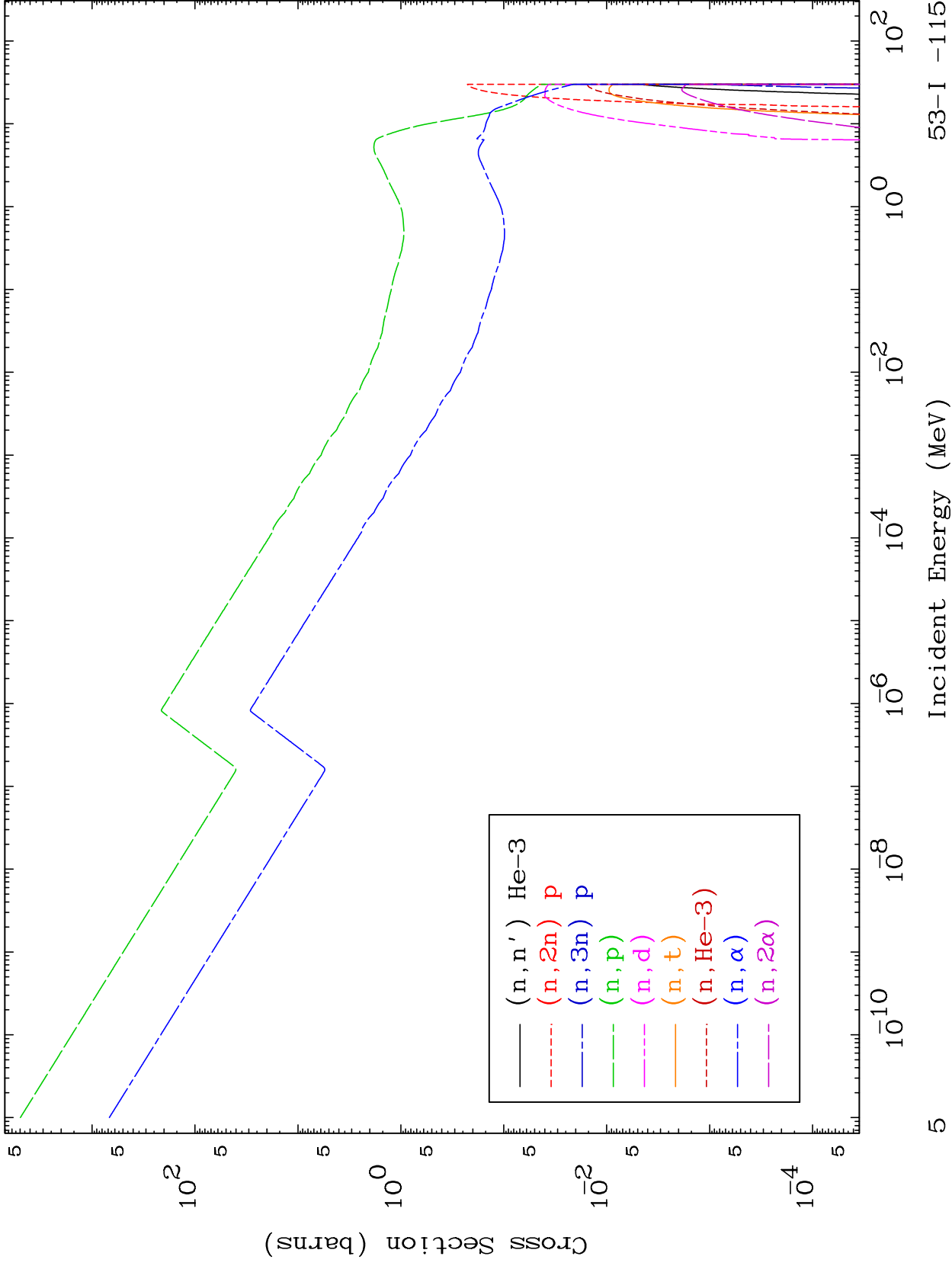


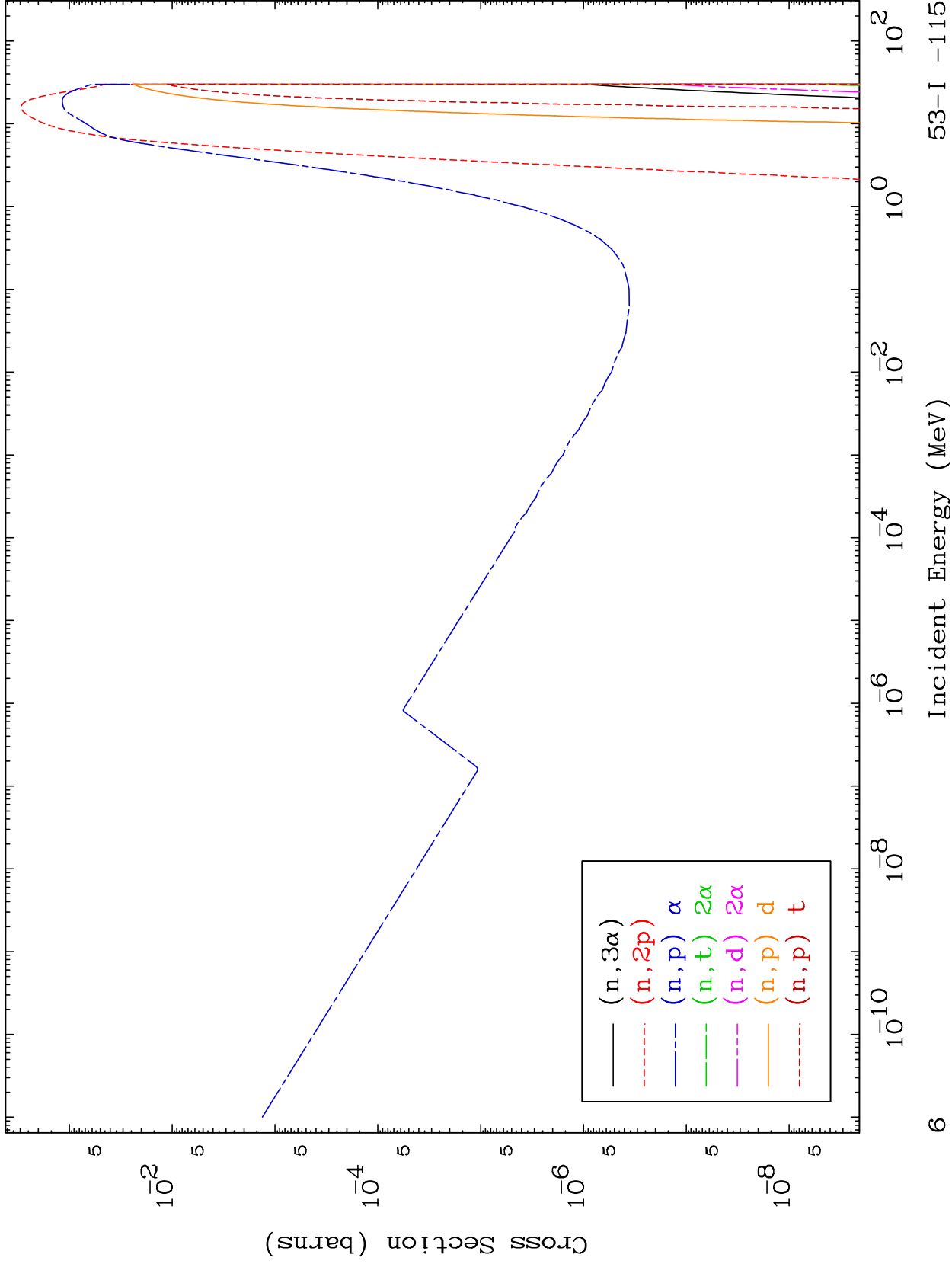
MAT 5289

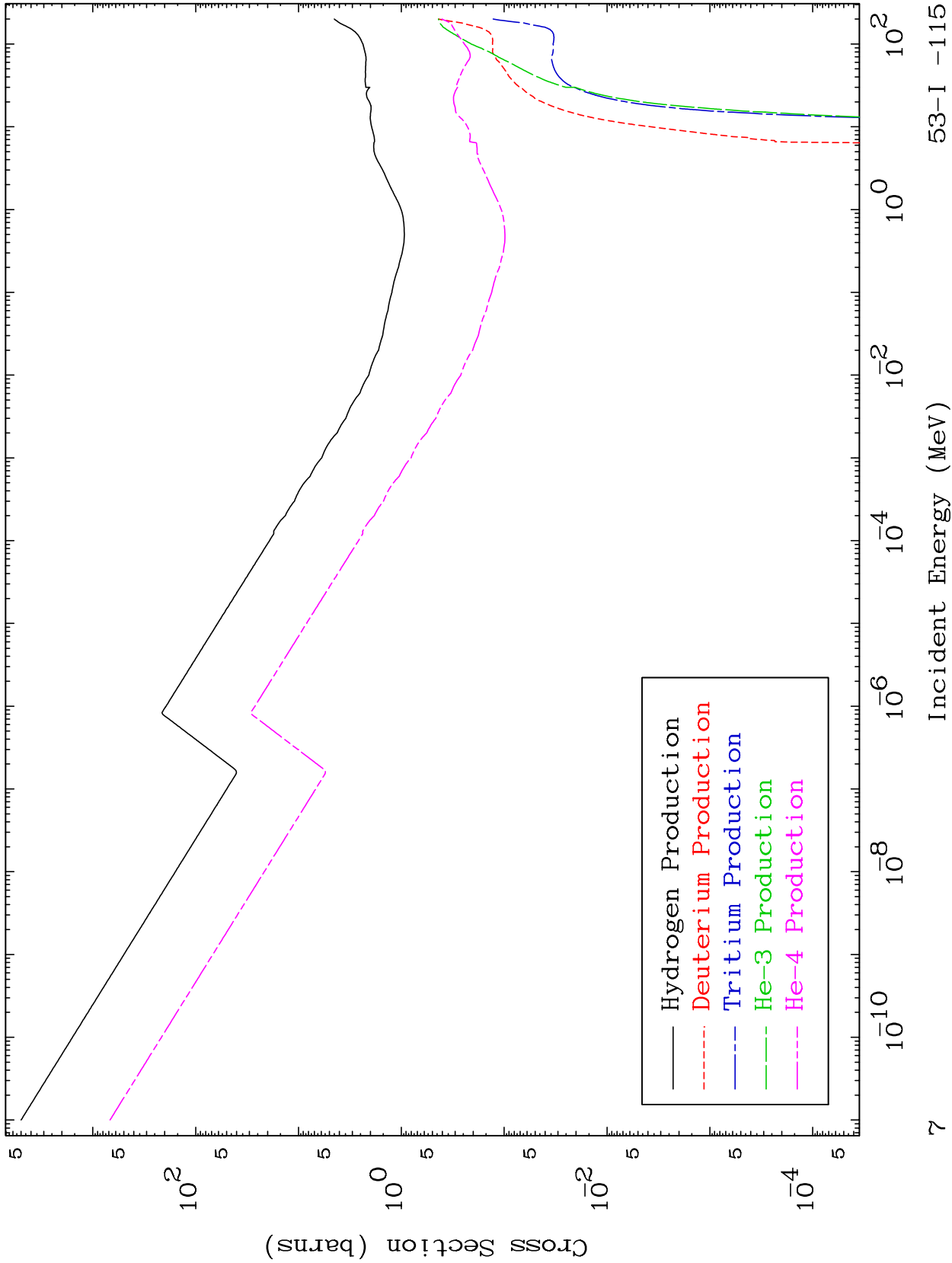
Charged Particle  
293 Kelvin Cross Sections

53-I -115

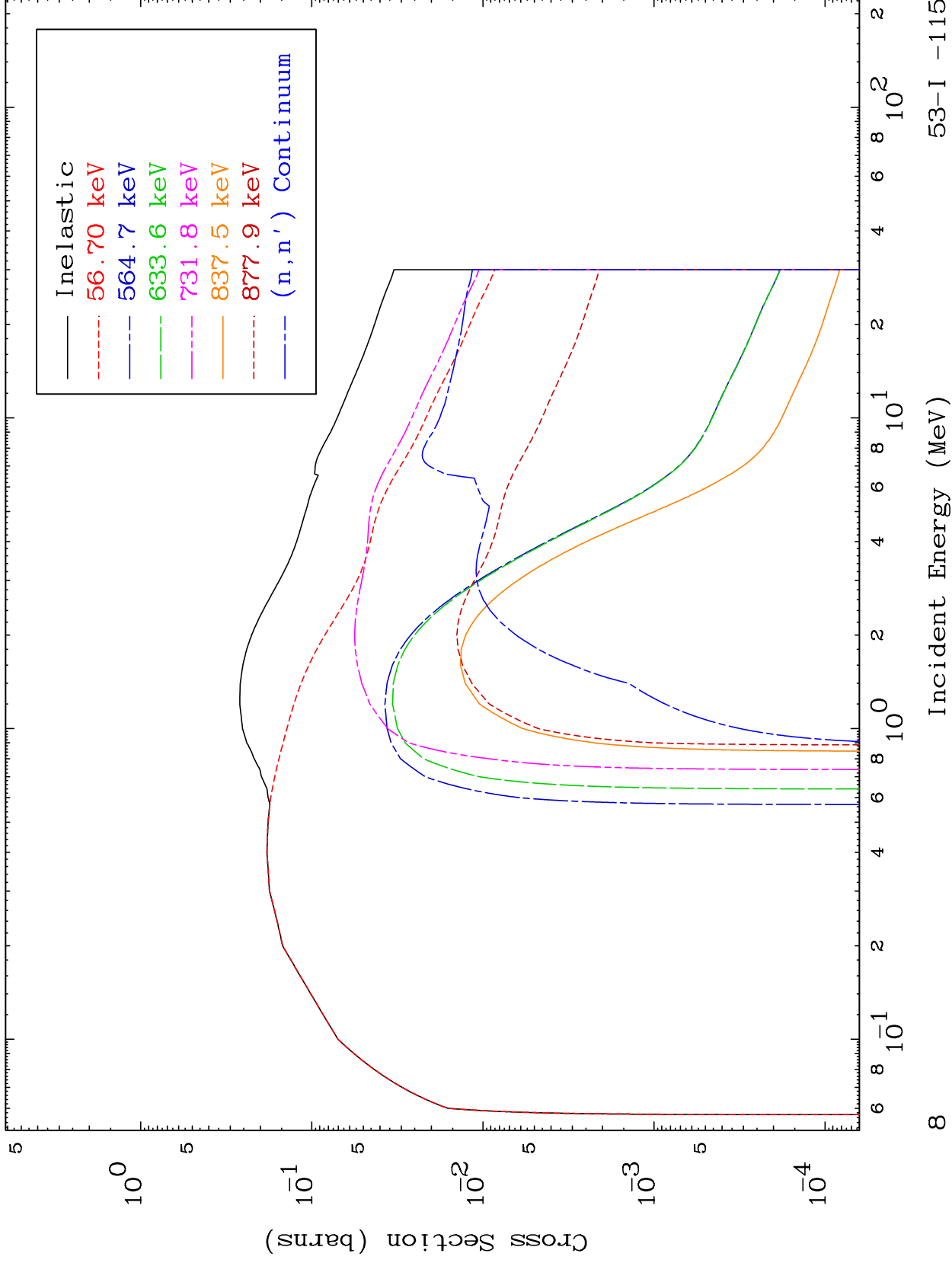








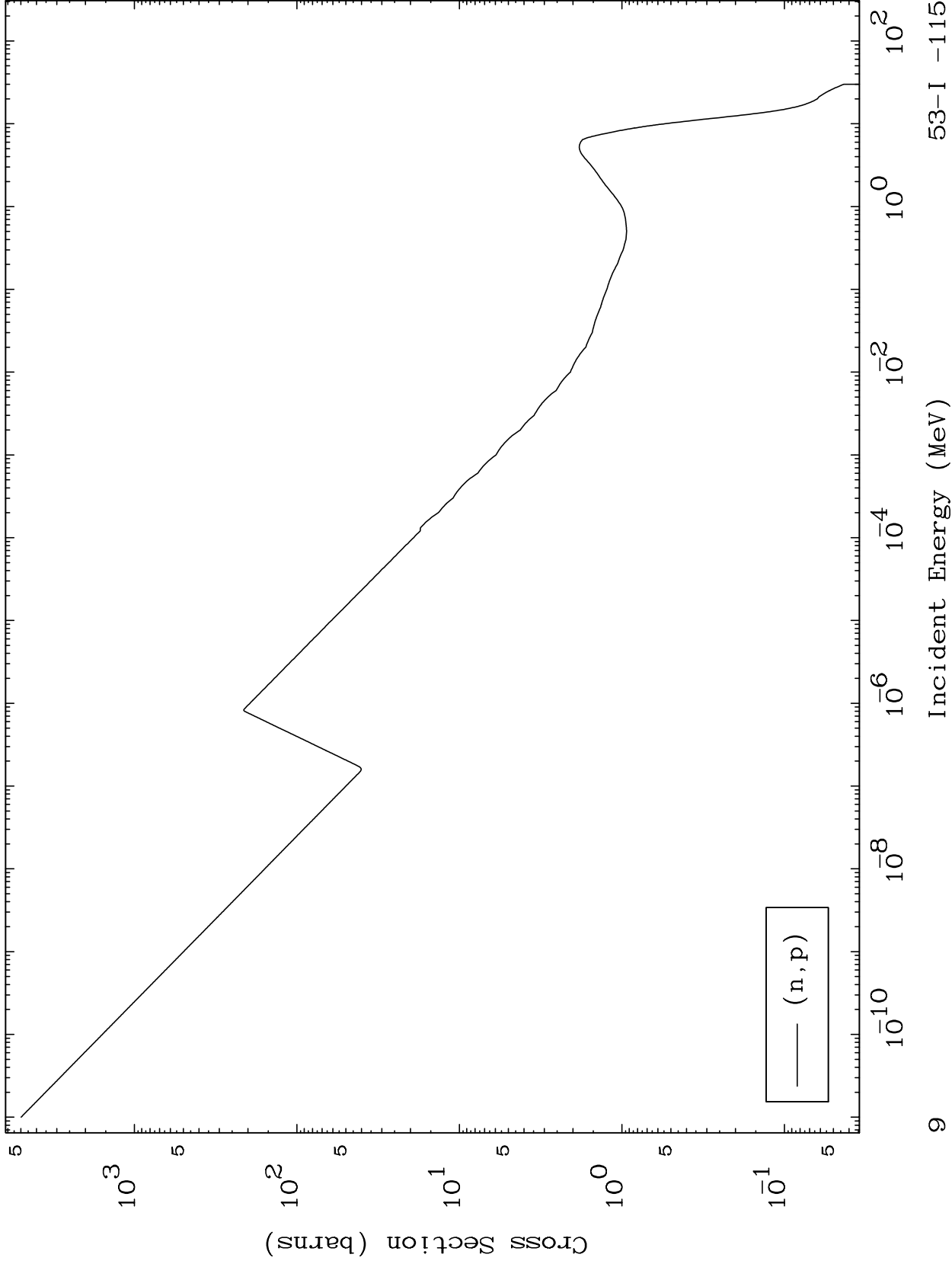




MAT 5289

(n,p) Levels  
293 Kelvin Cross Sections

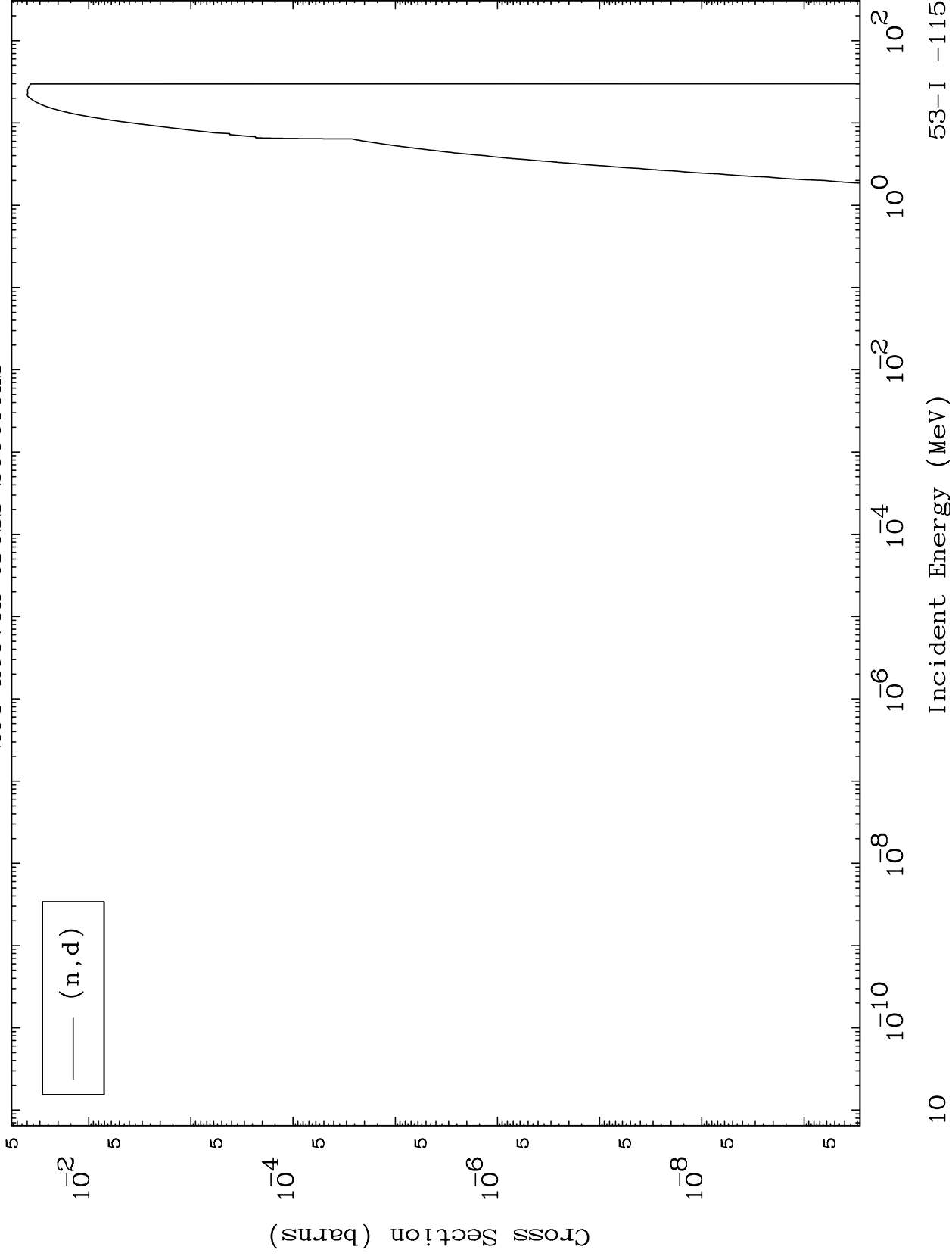
53-I -115



MAT 5289

(n,d) Levels  
293 Kelvin Cross Sections

53-I -115



10

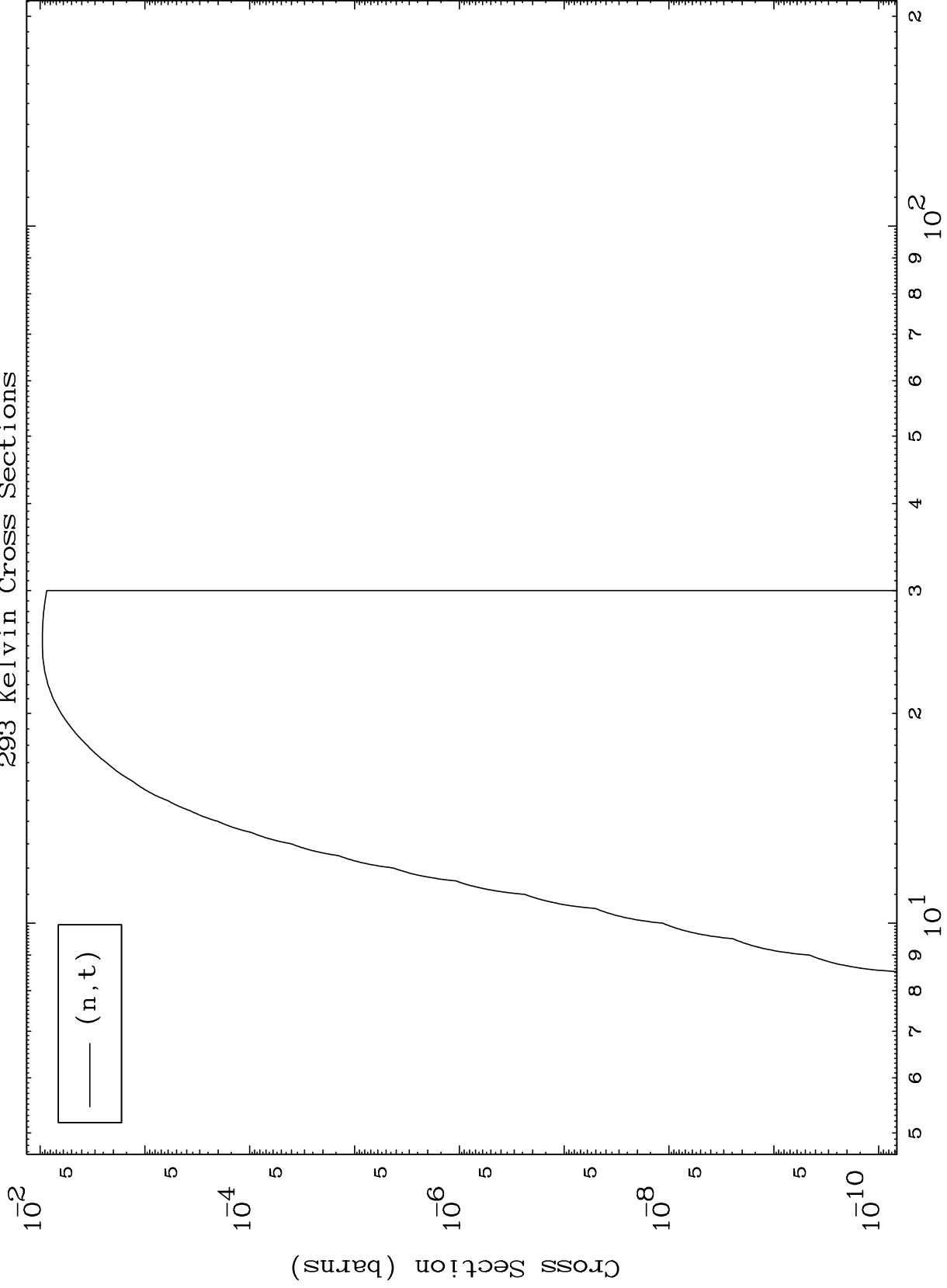
Incident Energy (MeV)

53-I -115

MAT 5289

(n,t) Levels  
293 Kelvin Cross Sections

53-I -115



11

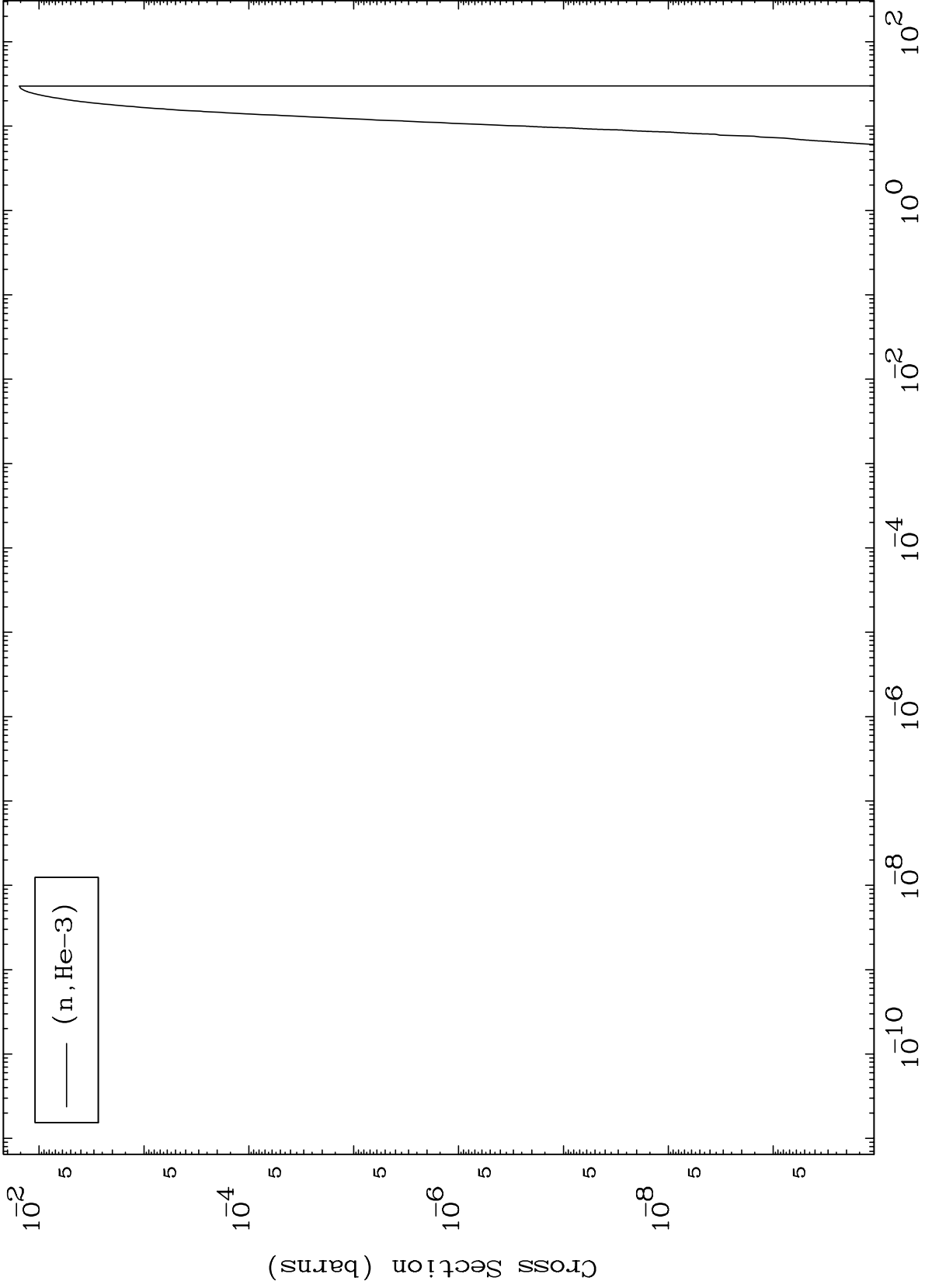
Incident Energy (MeV)

53-I -115

MAT 5289

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -115



12

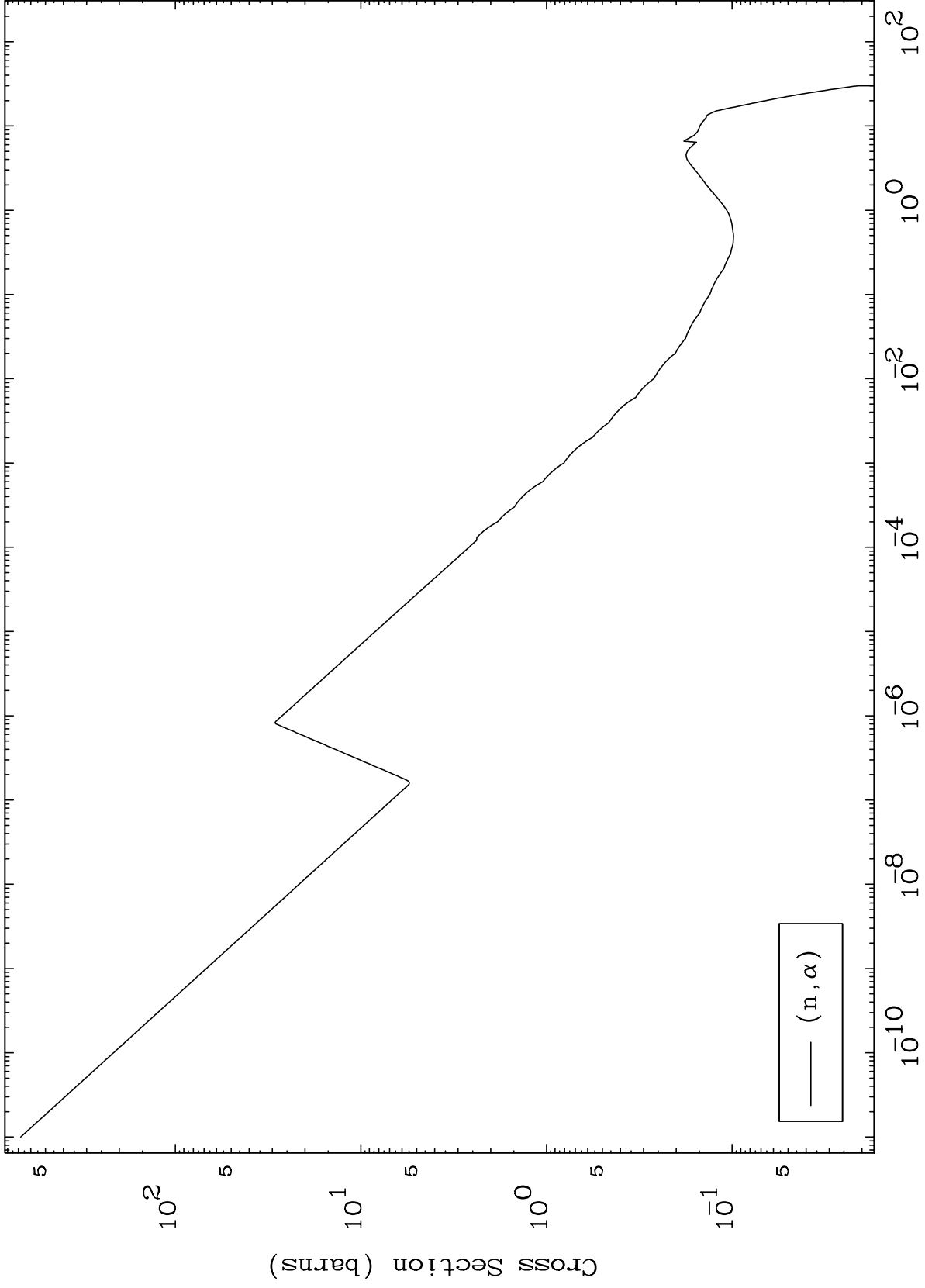
Incident Energy (MeV)

53-I -115

MAT 5289

(n,α) Levels  
293 Kelvin Cross Sections

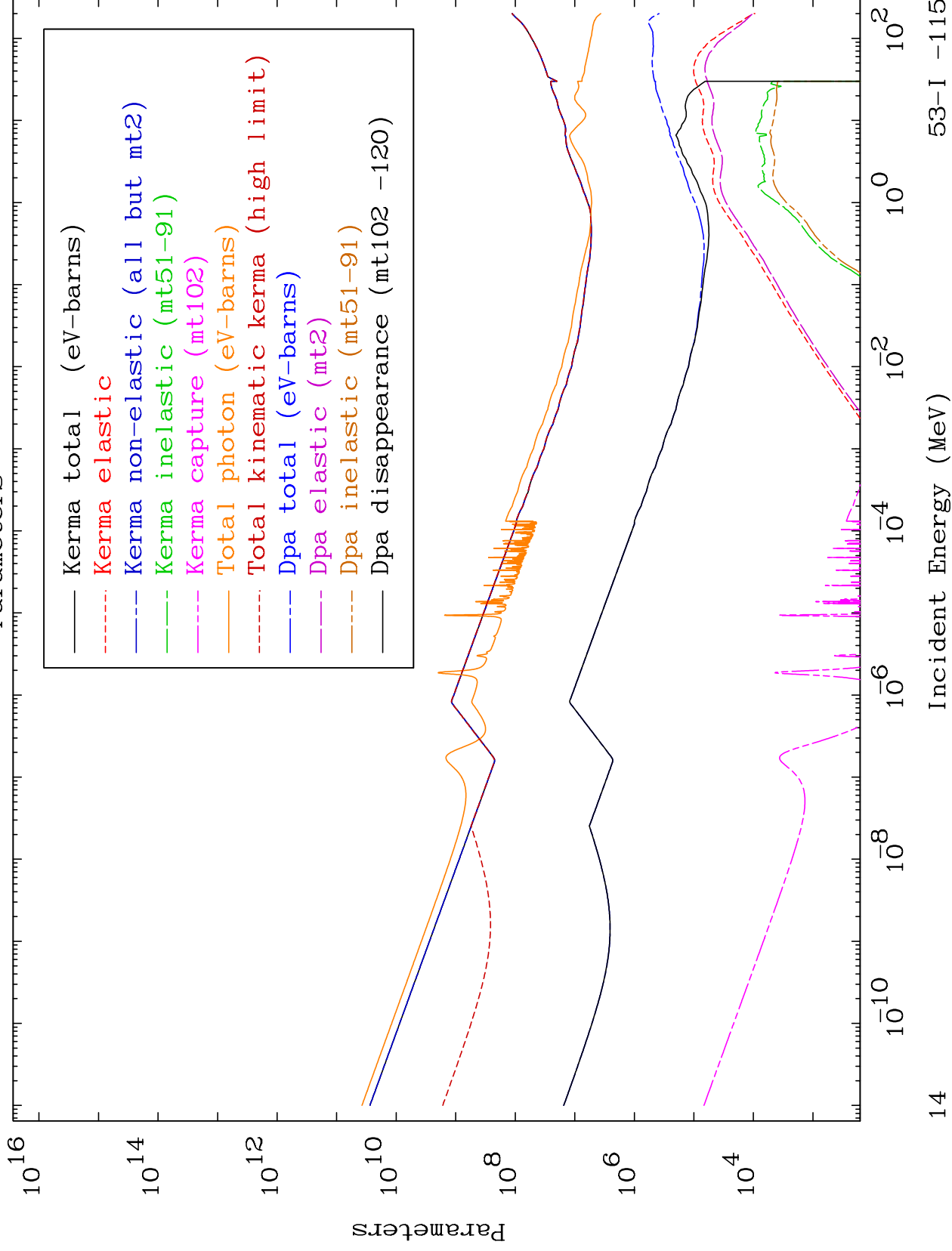
53-I -115



13

Incident Energy (MeV)

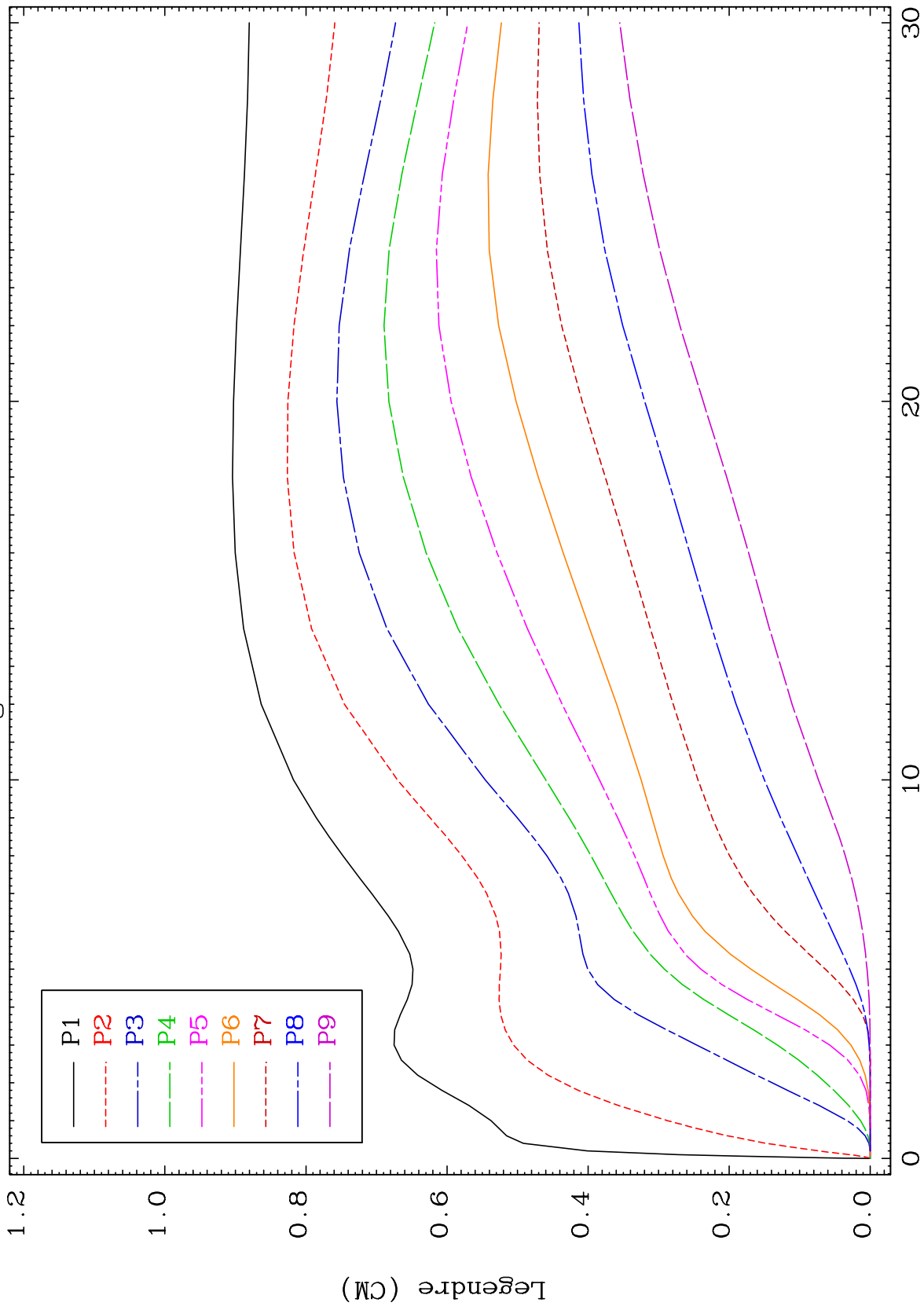
53-I -115



MAT 5289

Elastic Legendre Coefficients

53-I -115



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Incident Energy (MeV)

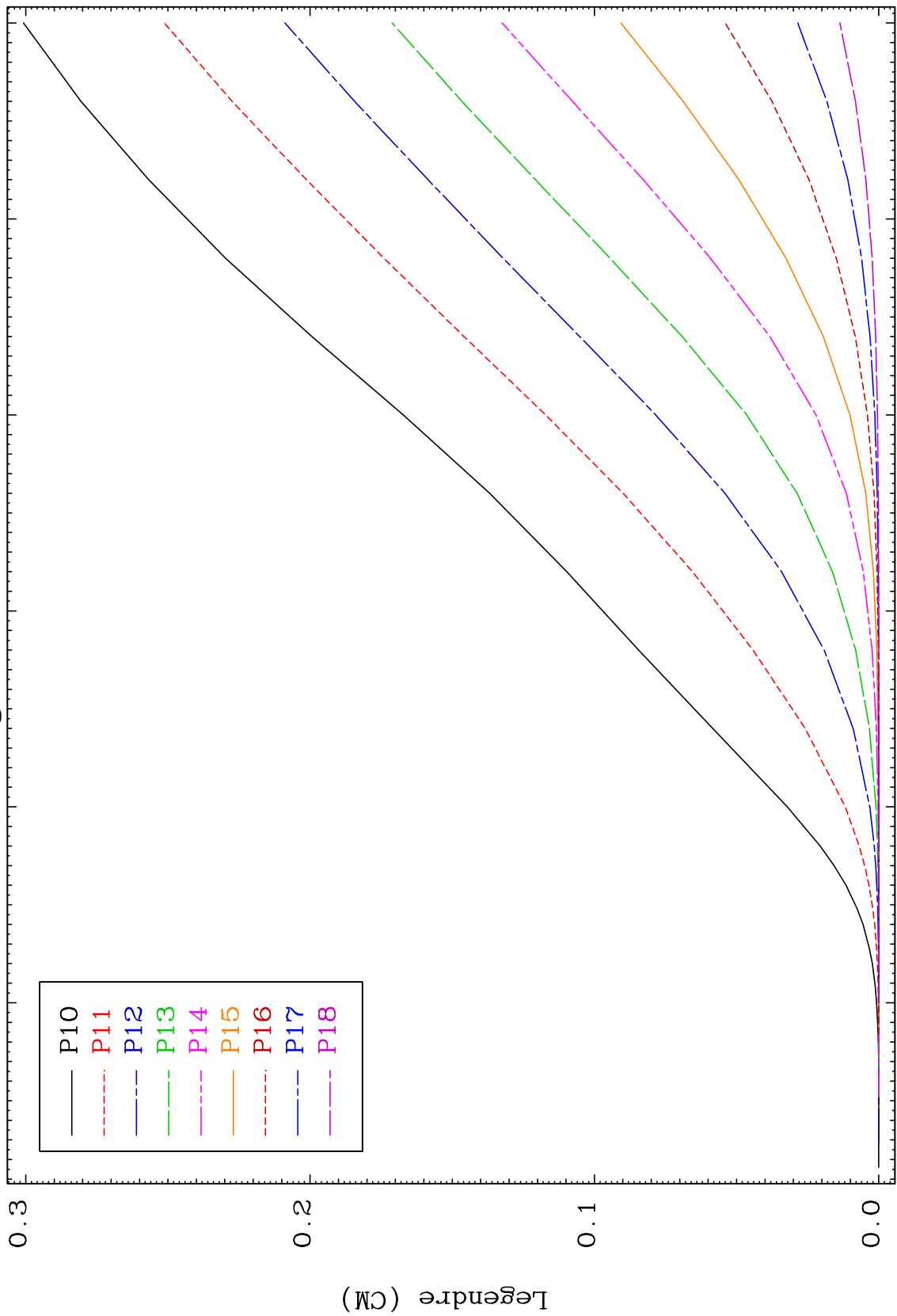
53-I -115



MAT 5289

Elastic Legendre Coefficients

53-I -115



16

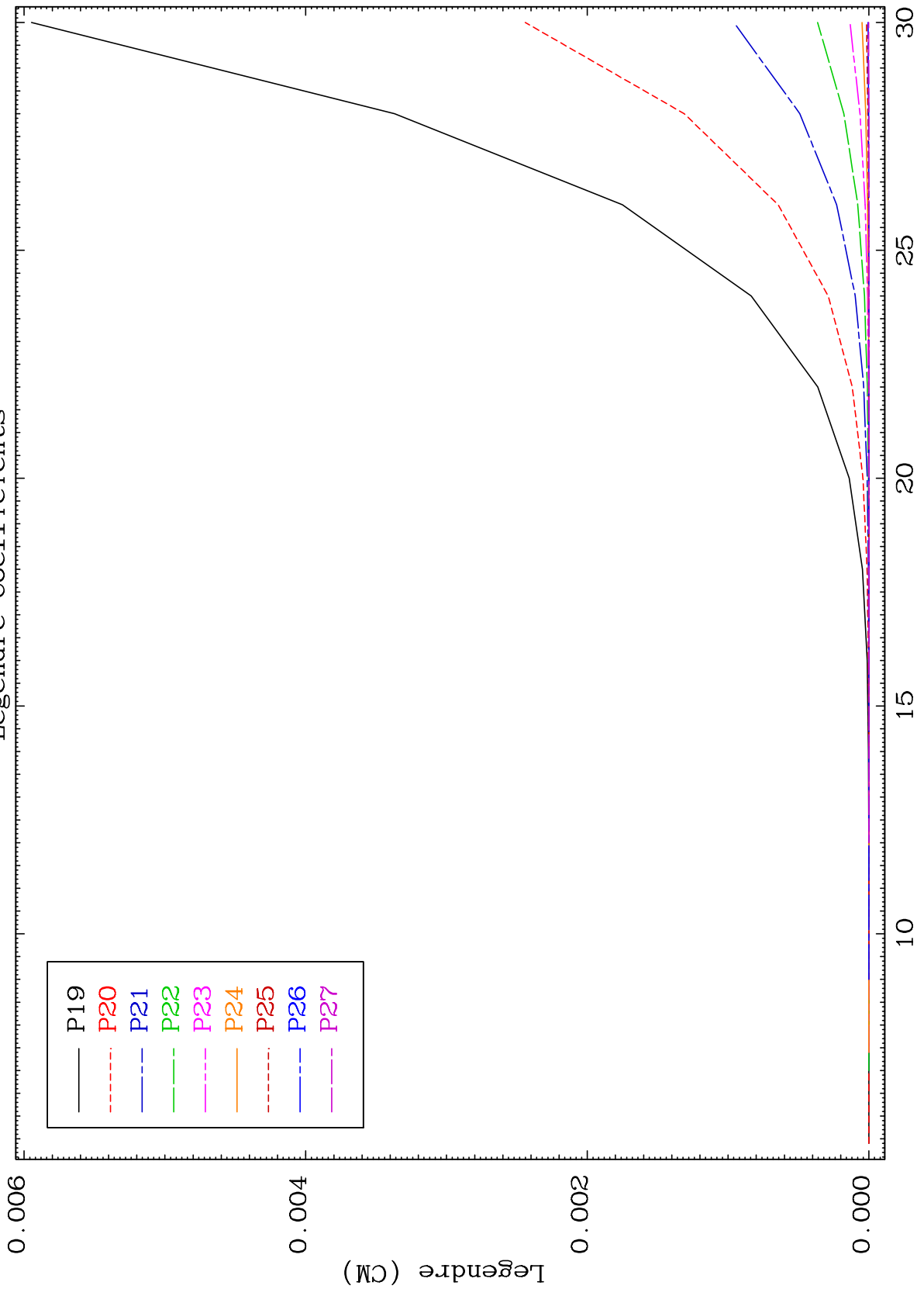
Incident Energy (MeV)

53-I -115

MAT 5289

Elastic  
Legendre Coefficients

53-I -115



17

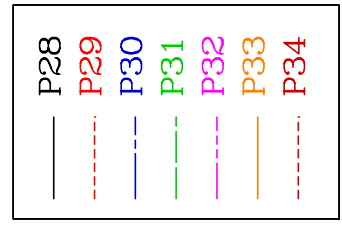
Incident Energy (MeV)

53-I -115

MAT 5289

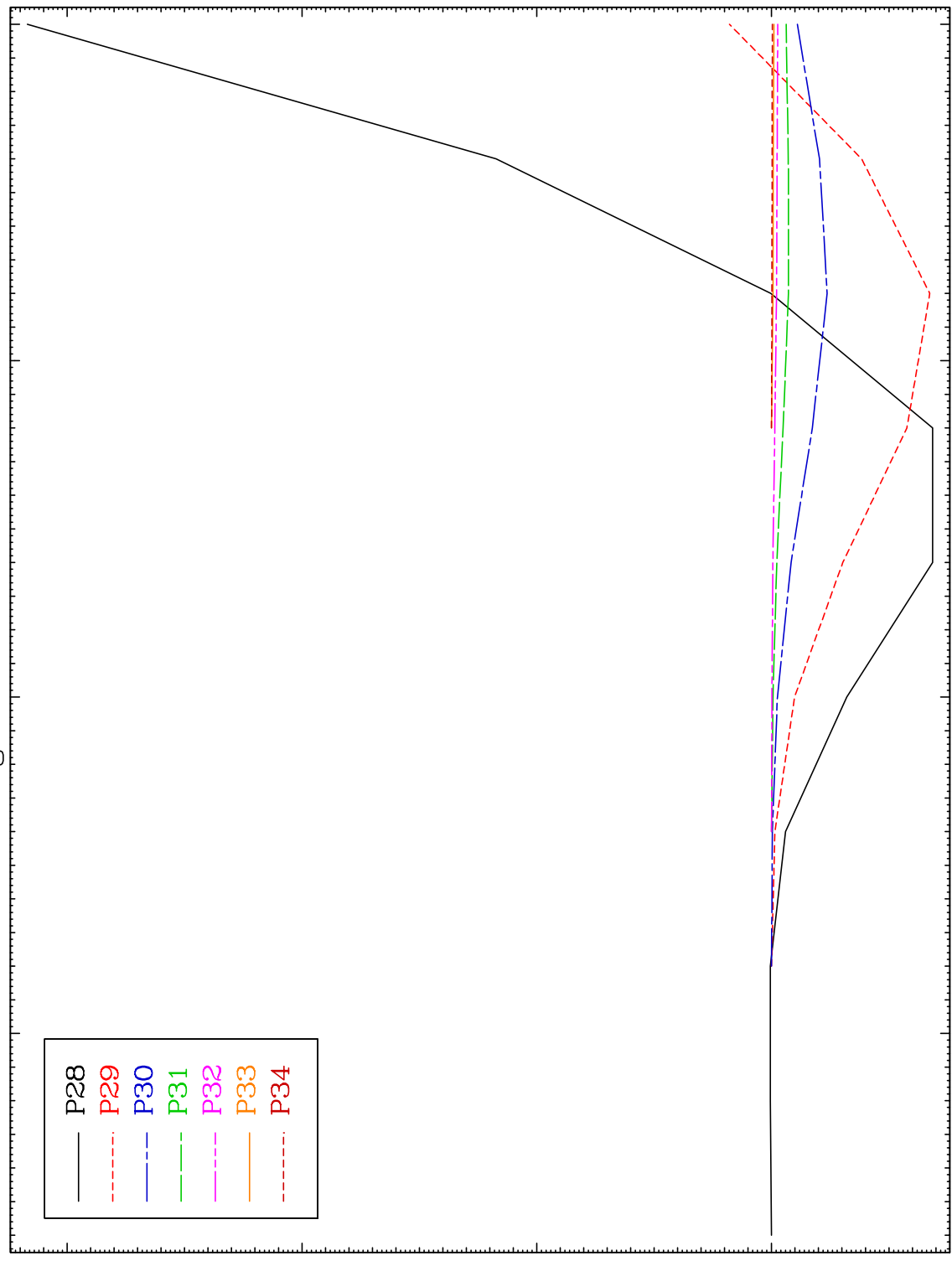
Elastic Legendre Coefficients

53-I -115



$\times 10^{-3}$

Legendre (CM)



30

25

20

15

18

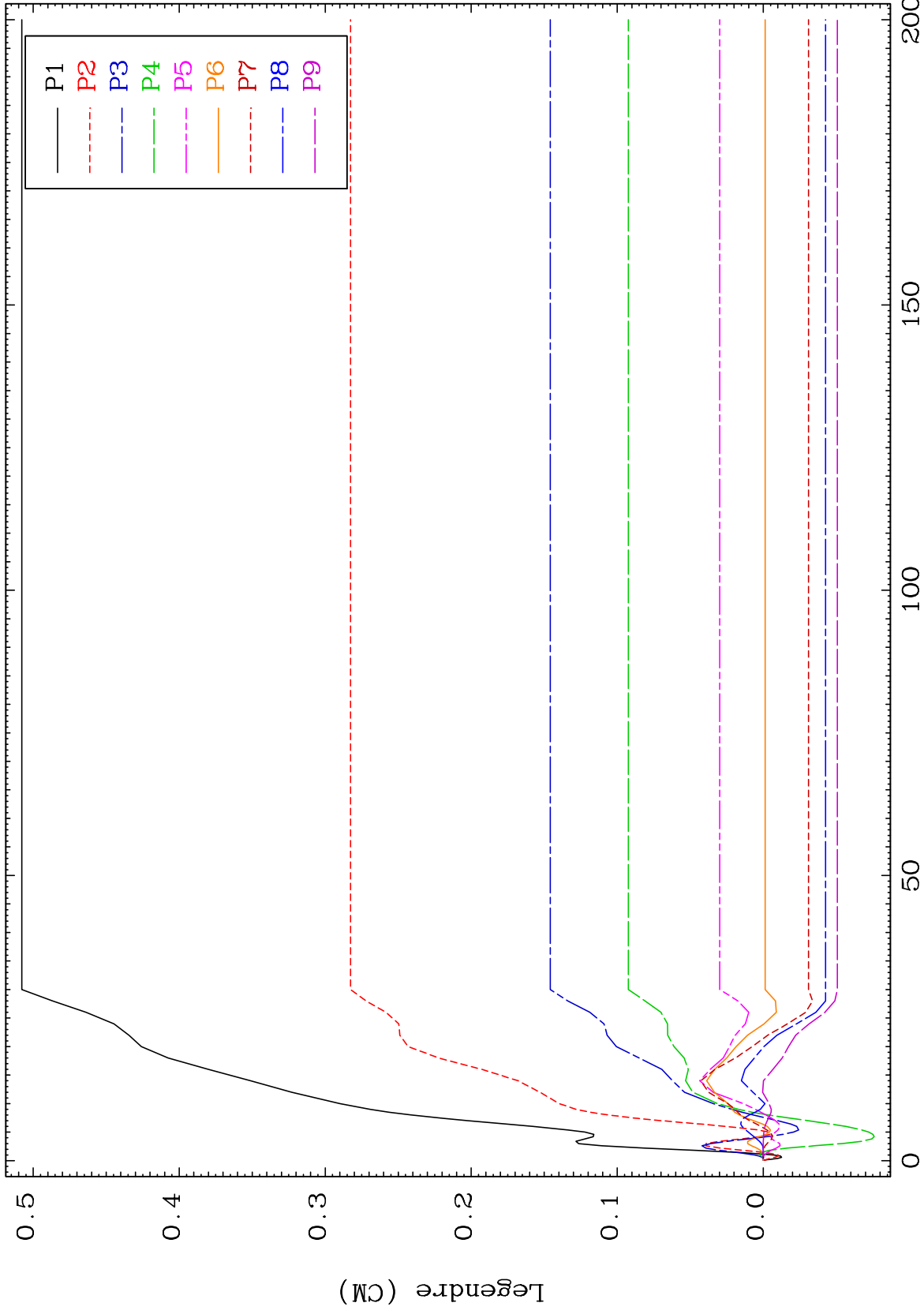
Incident Energy (MeV)

53-I -115

MAT 5289

56.70 keV (n,n') Level  
Legendre Coefficients

53-I -115

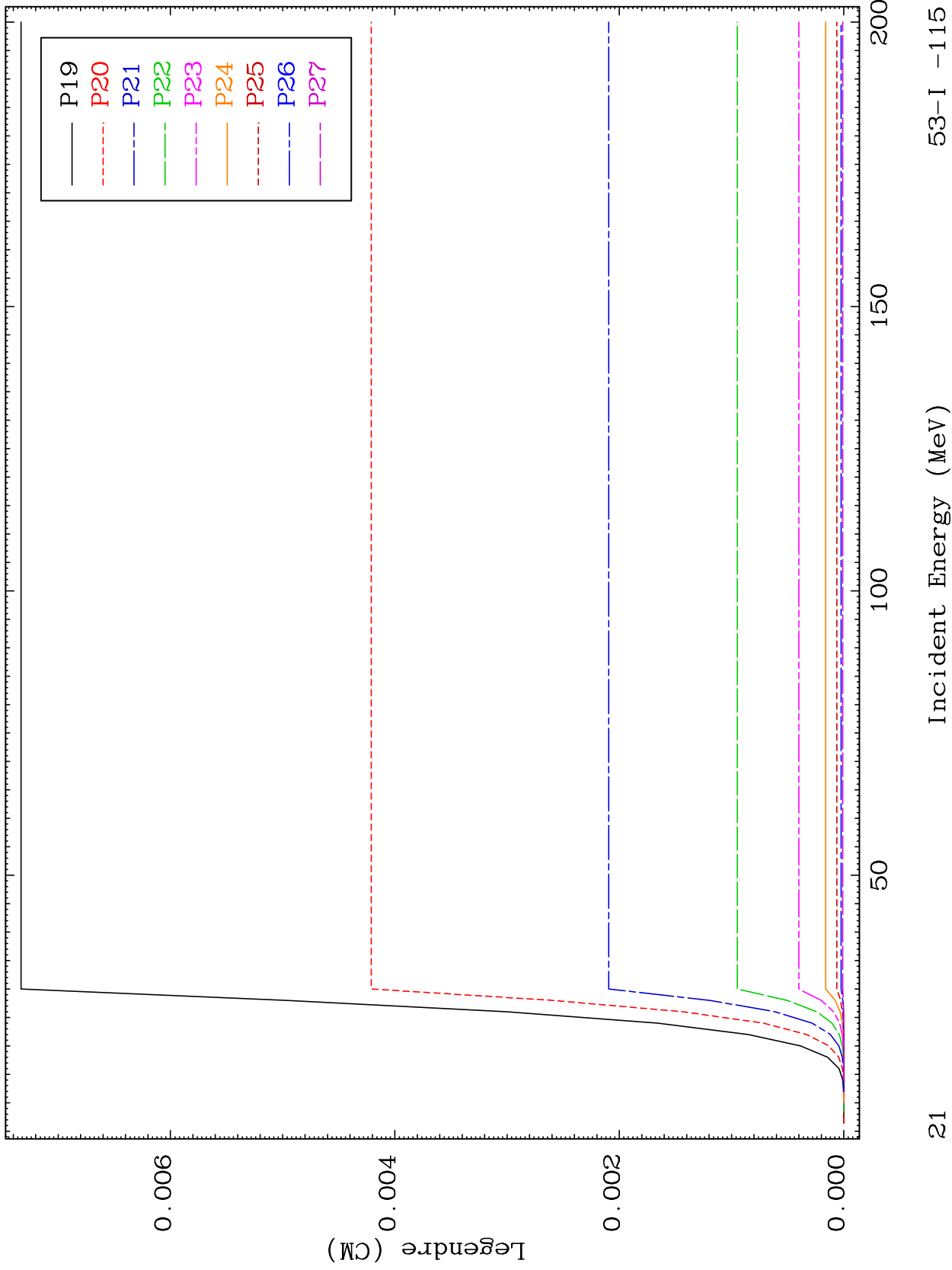


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Incident Energy (MeV)

53-I -115

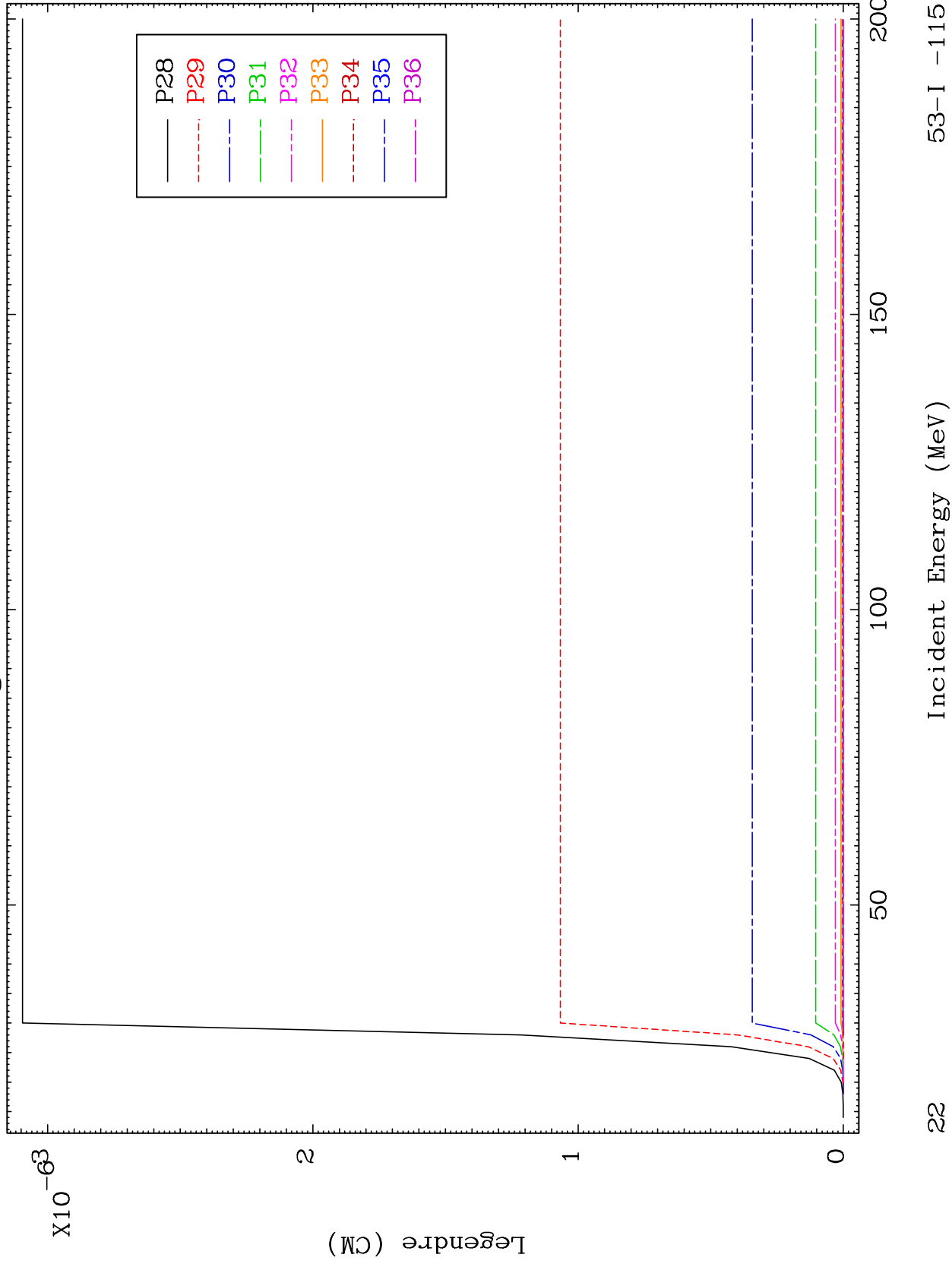




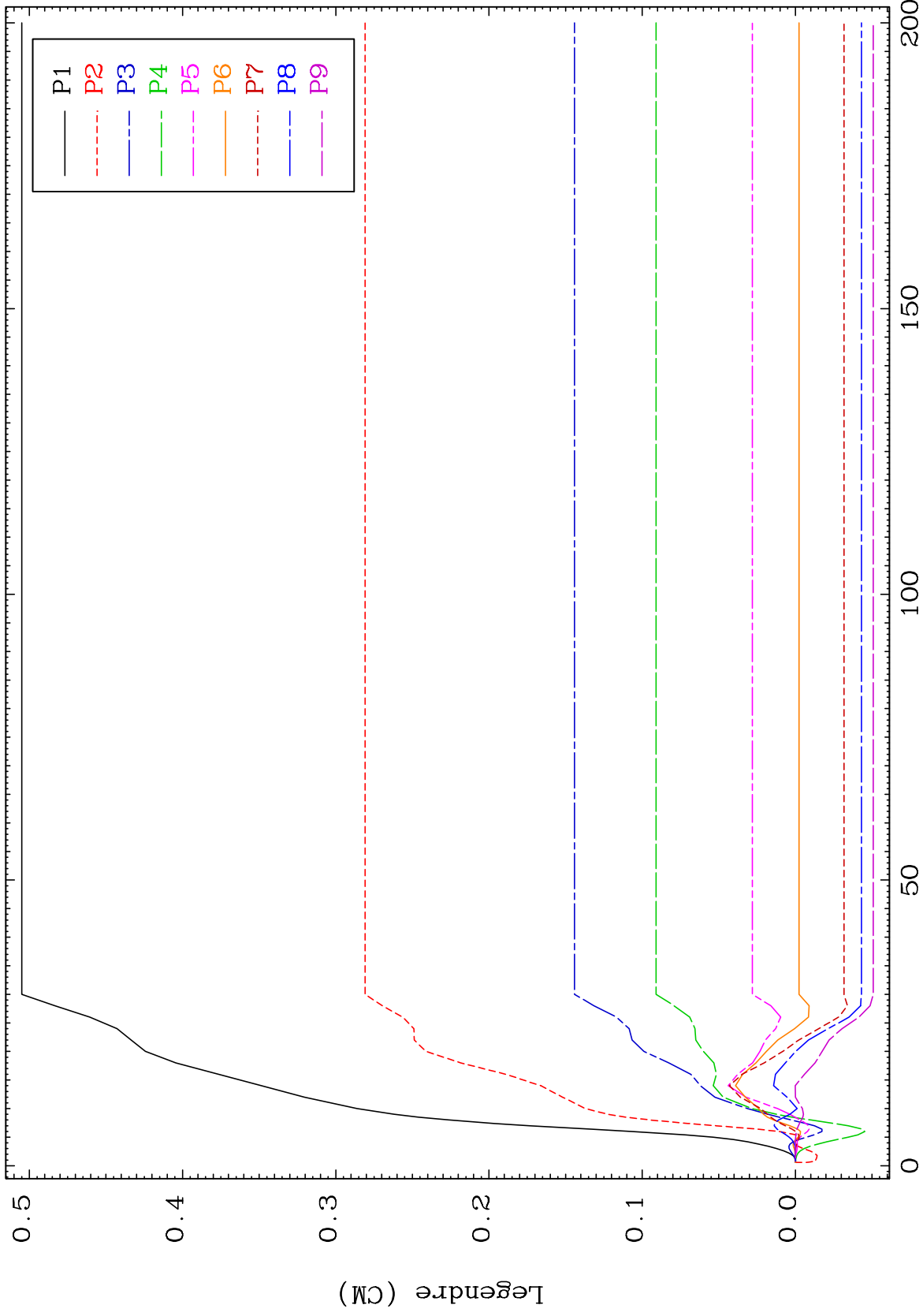
MAT 5289

56.70 keV (n,n') Level  
Legendre Coefficients

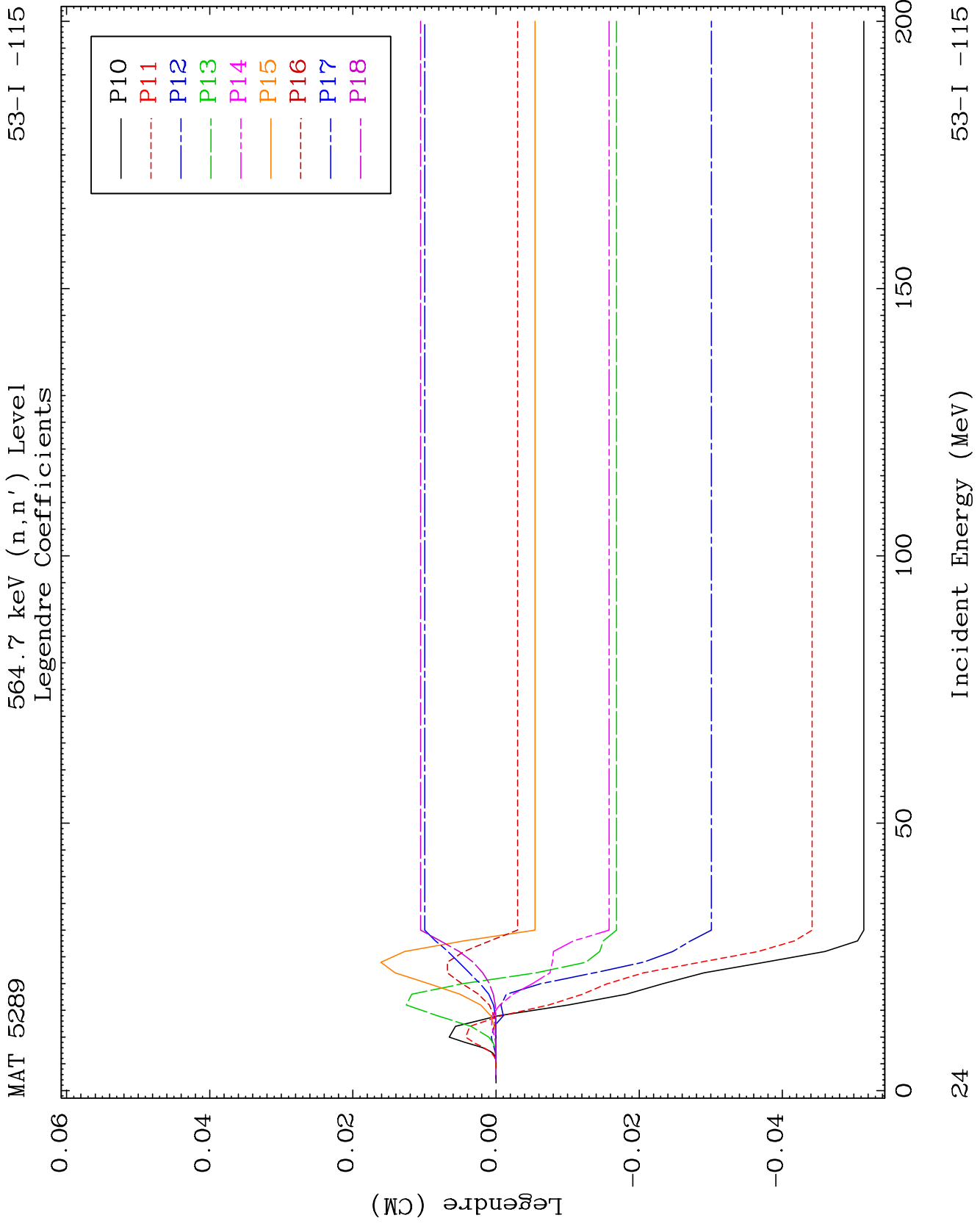
53-I -115



22



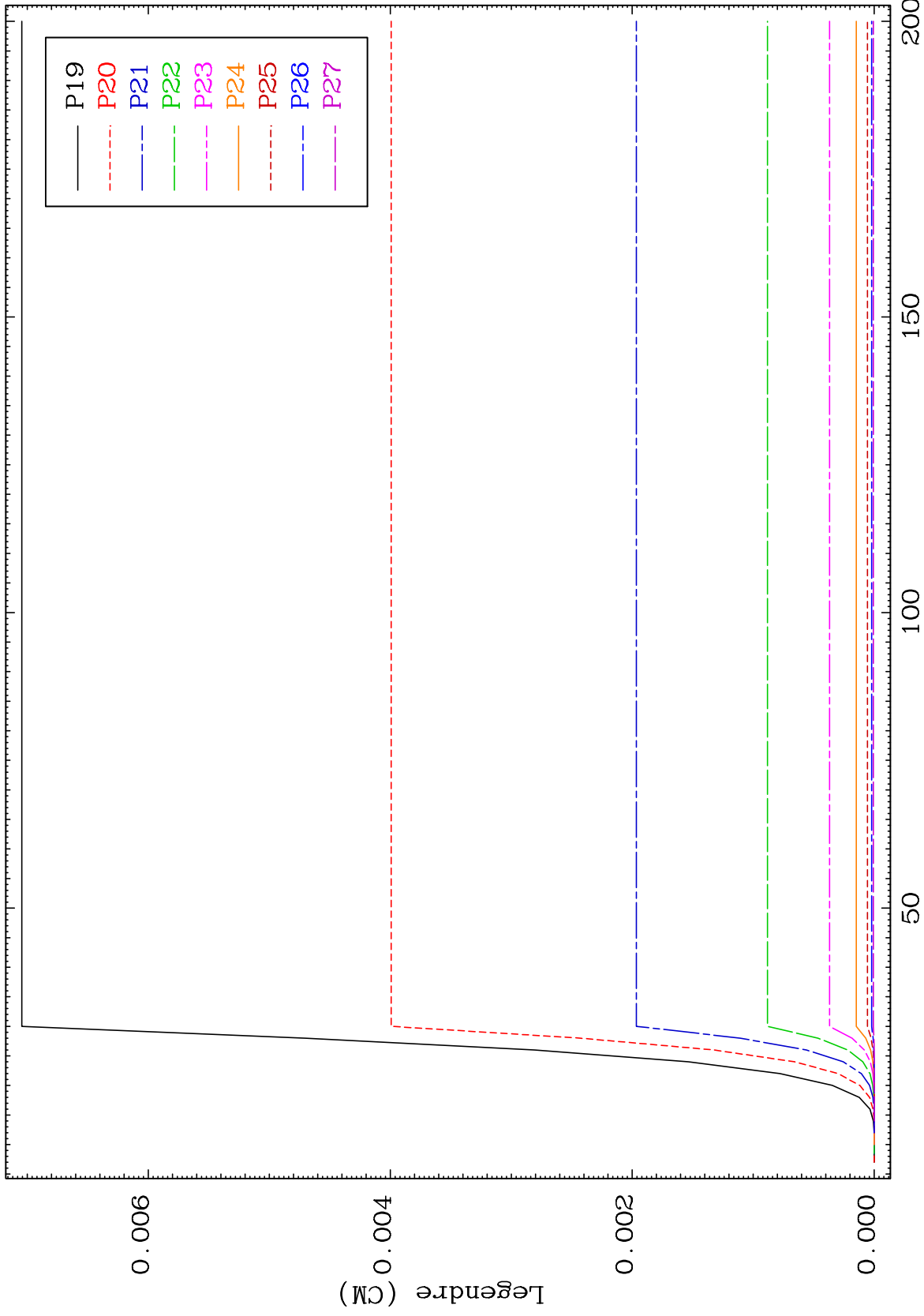




MAT 5289

564.7 keV (n,n') Level  
Legendre Coefficients

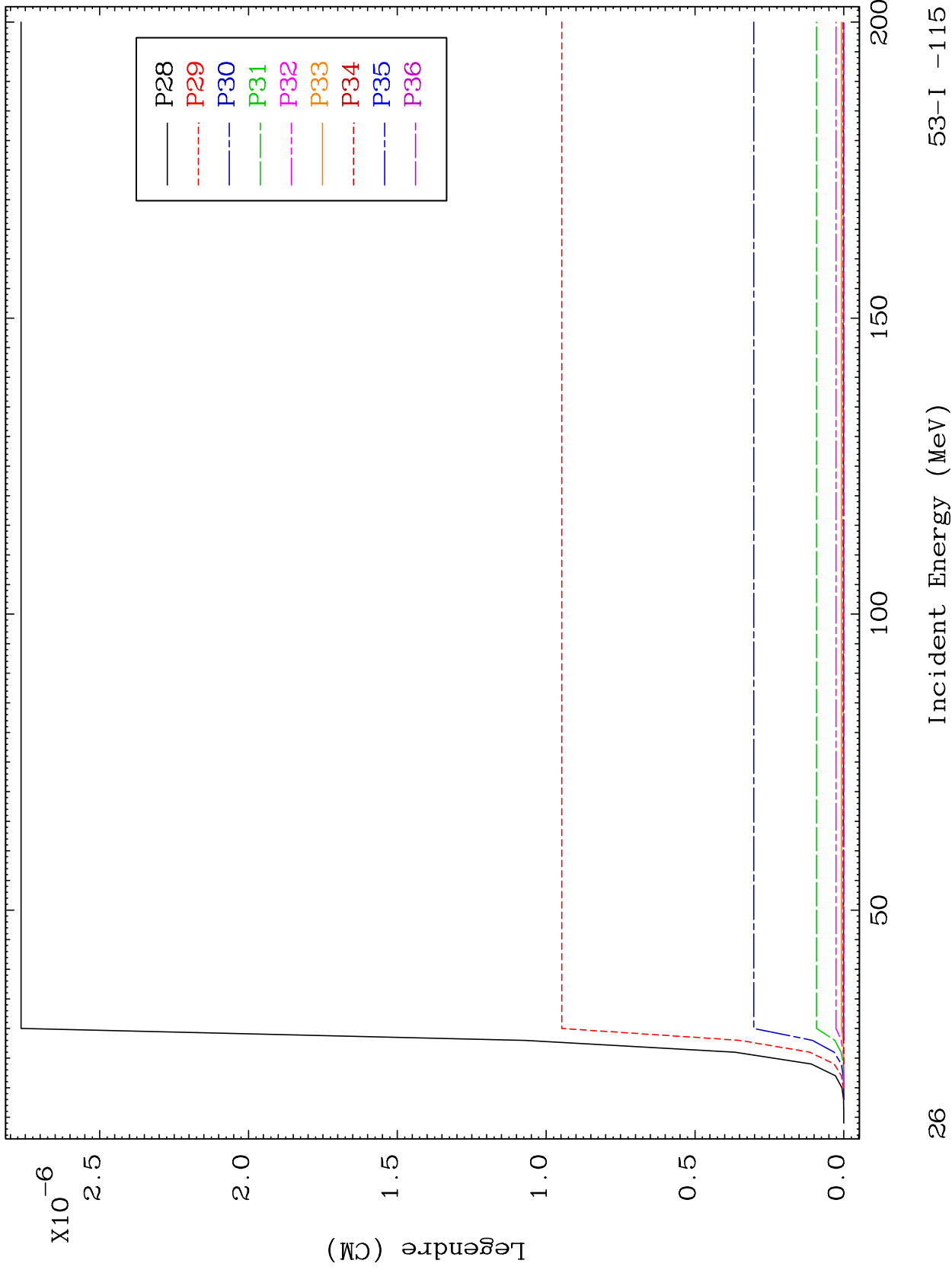
53-I -115

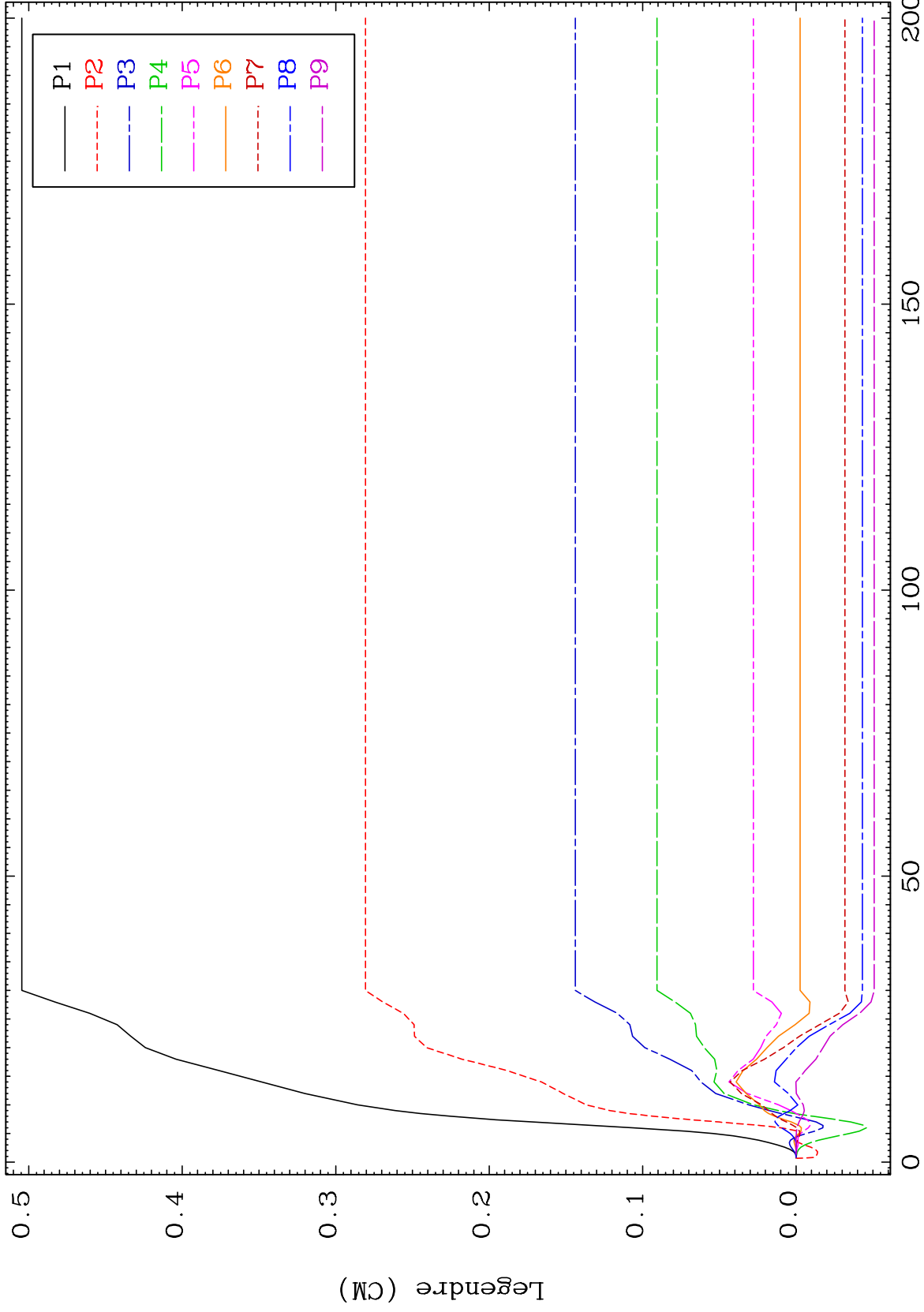


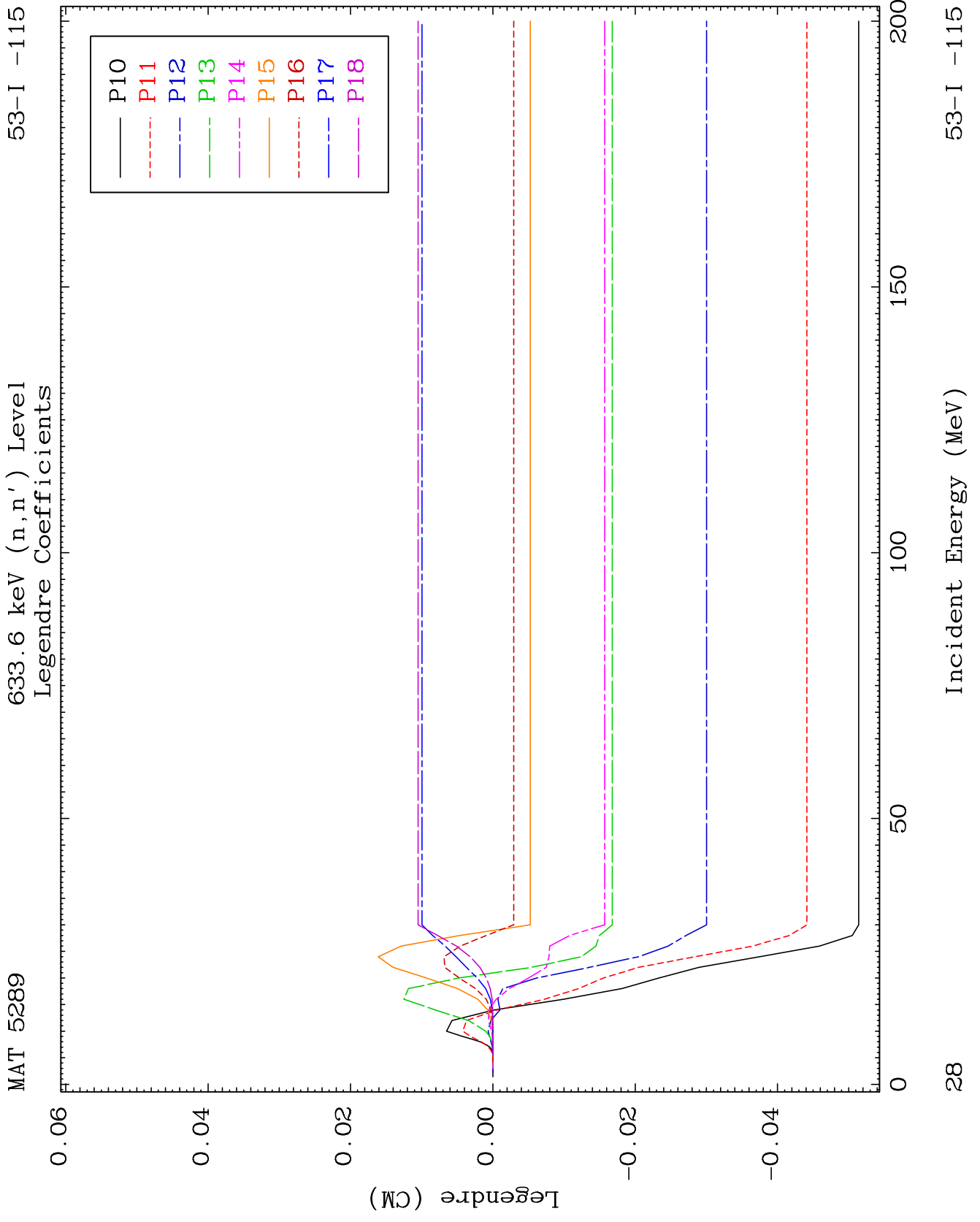
25

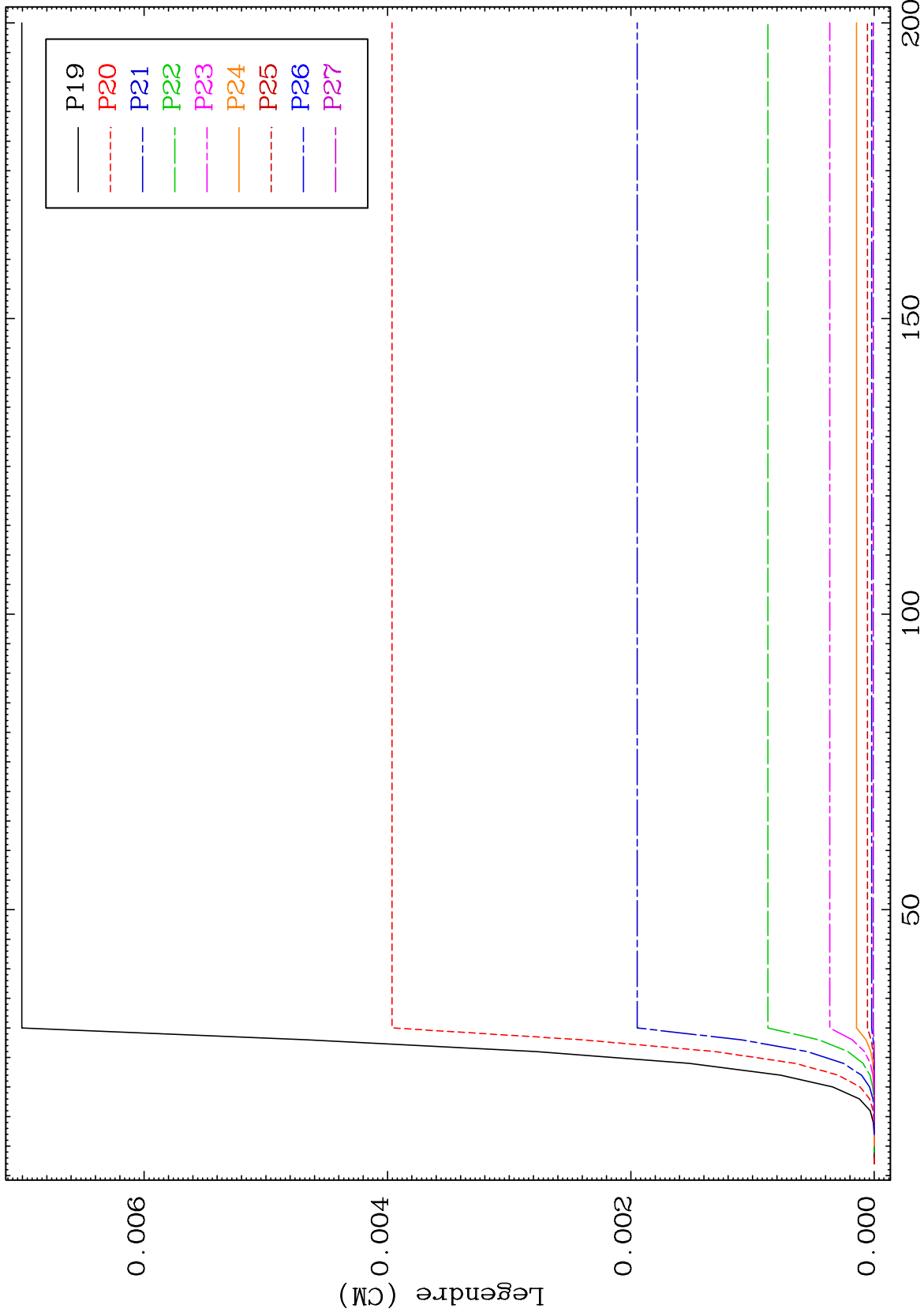
Incident Energy (MeV)

53-I -115





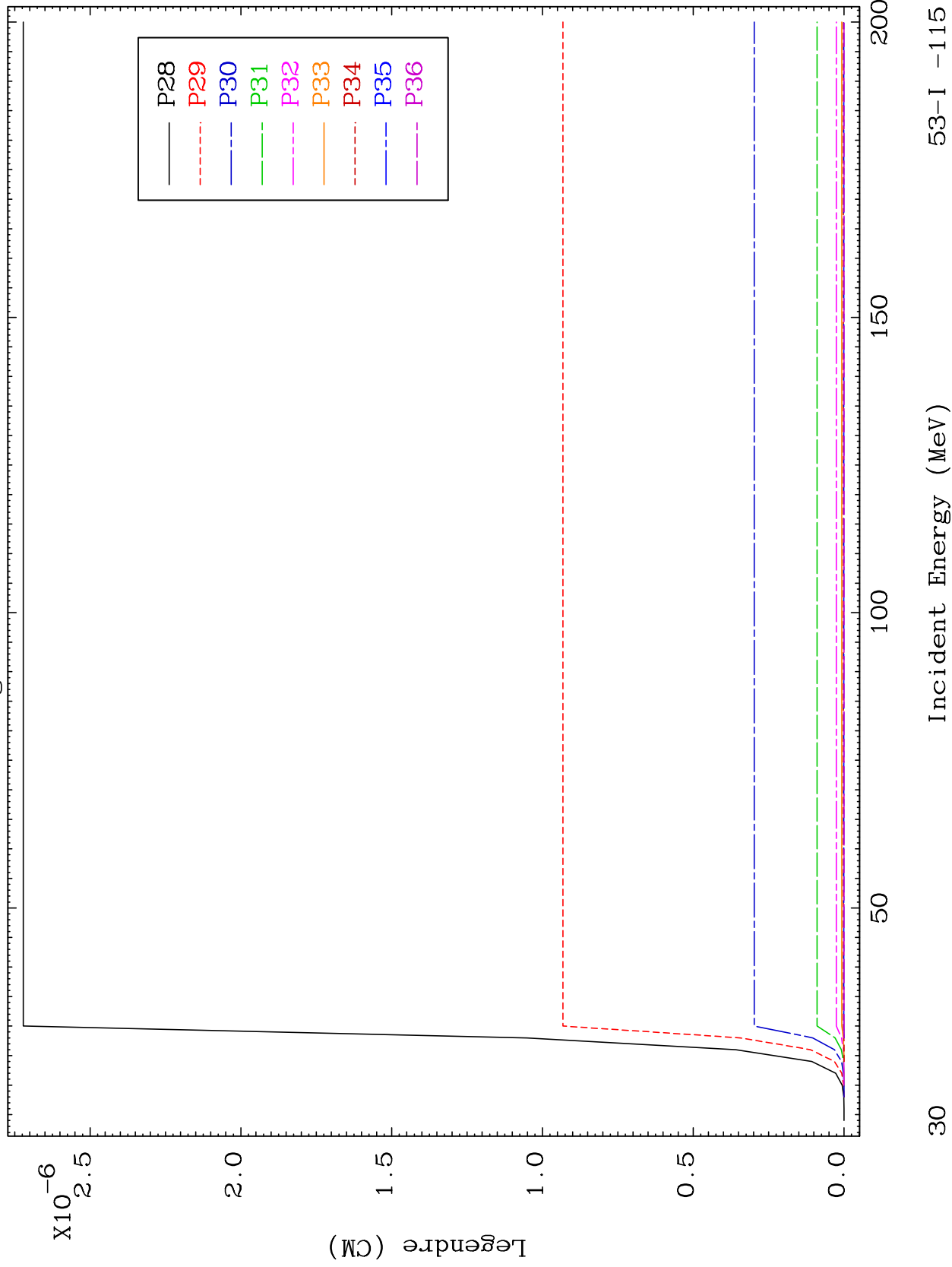


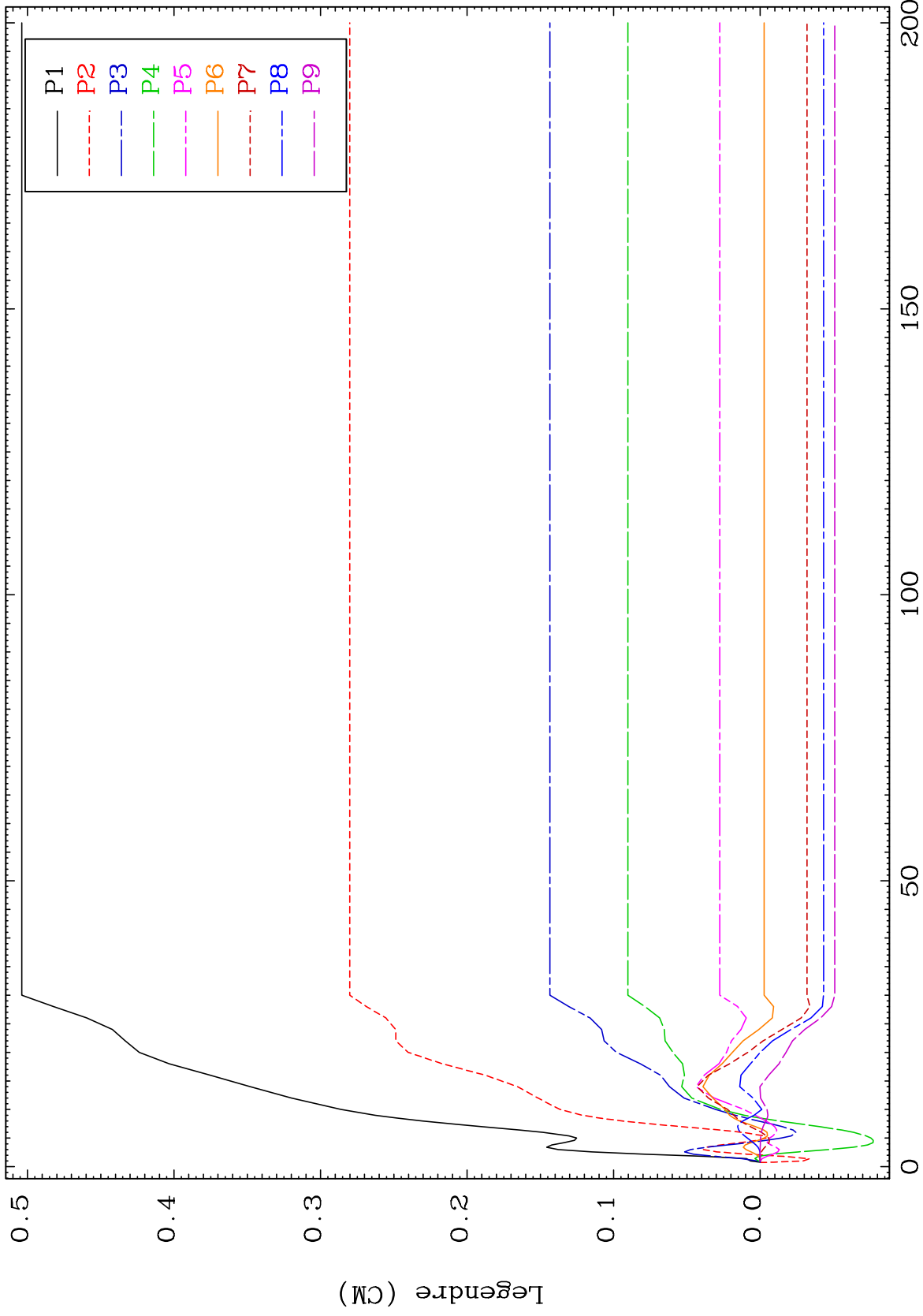


MAT 5289

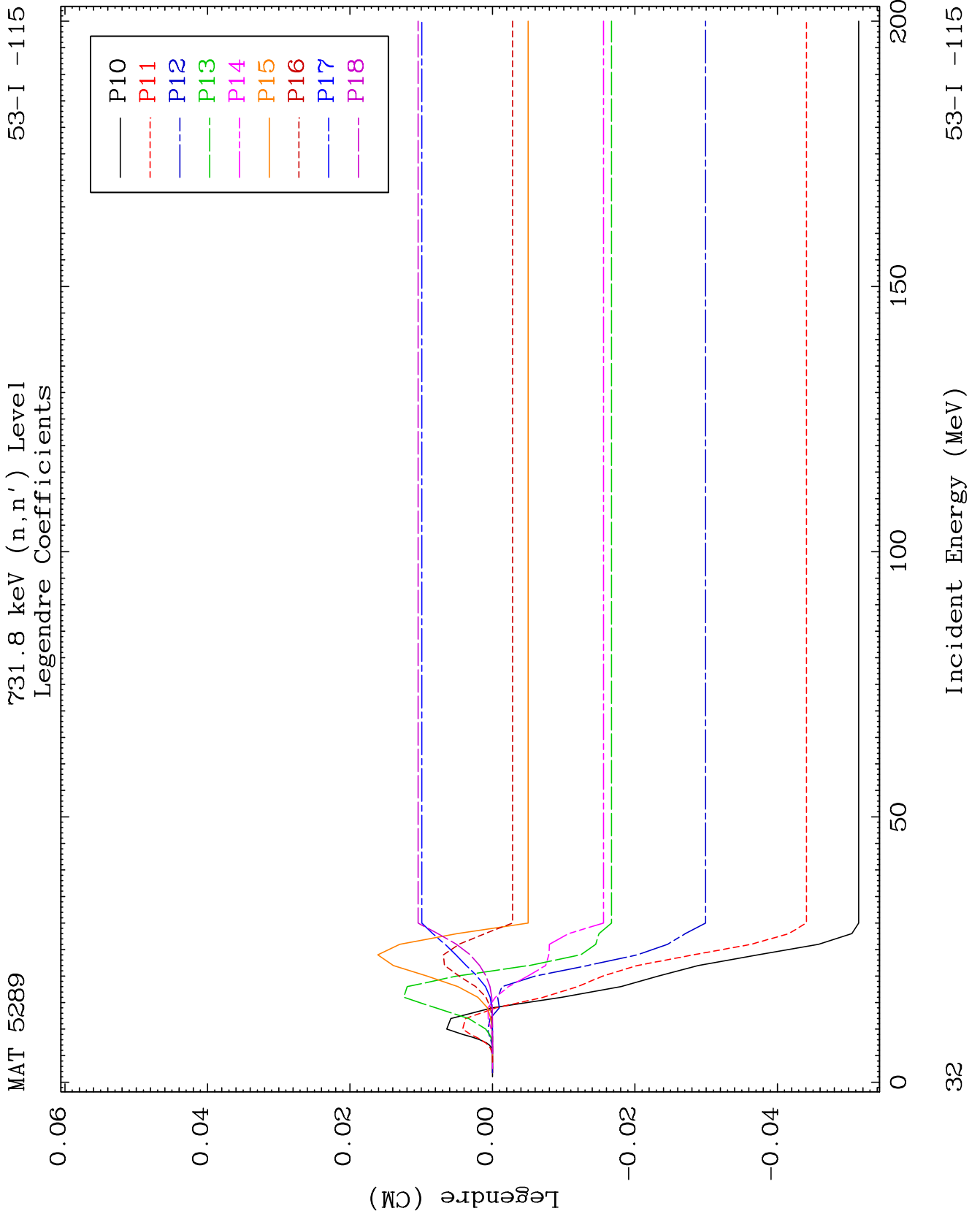
633.6 keV (n,n') Level  
Legendre Coefficients

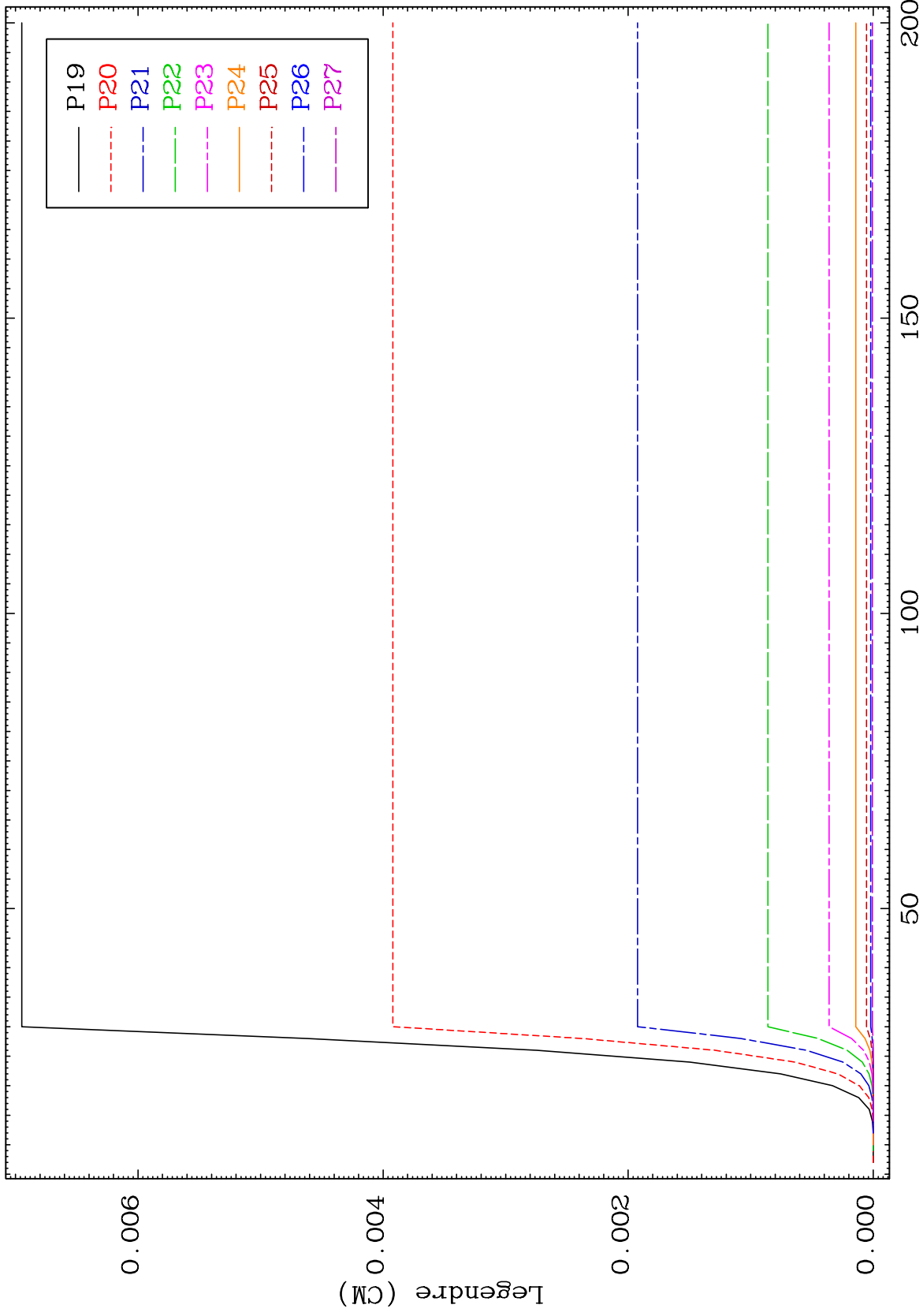
53-I -115







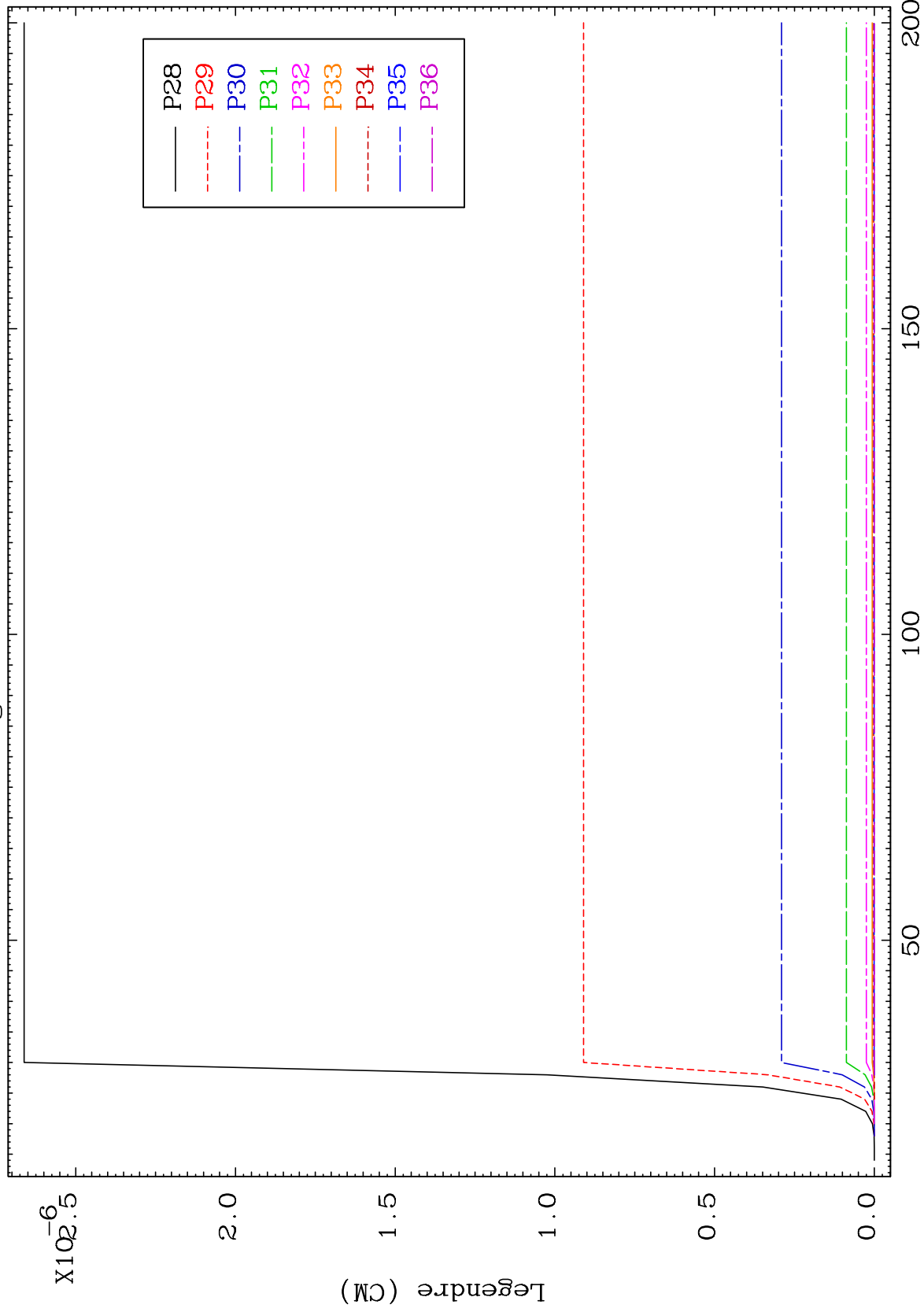




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731.8 keV (n,n') Level  
Legendre Coefficients

53-I -115



34

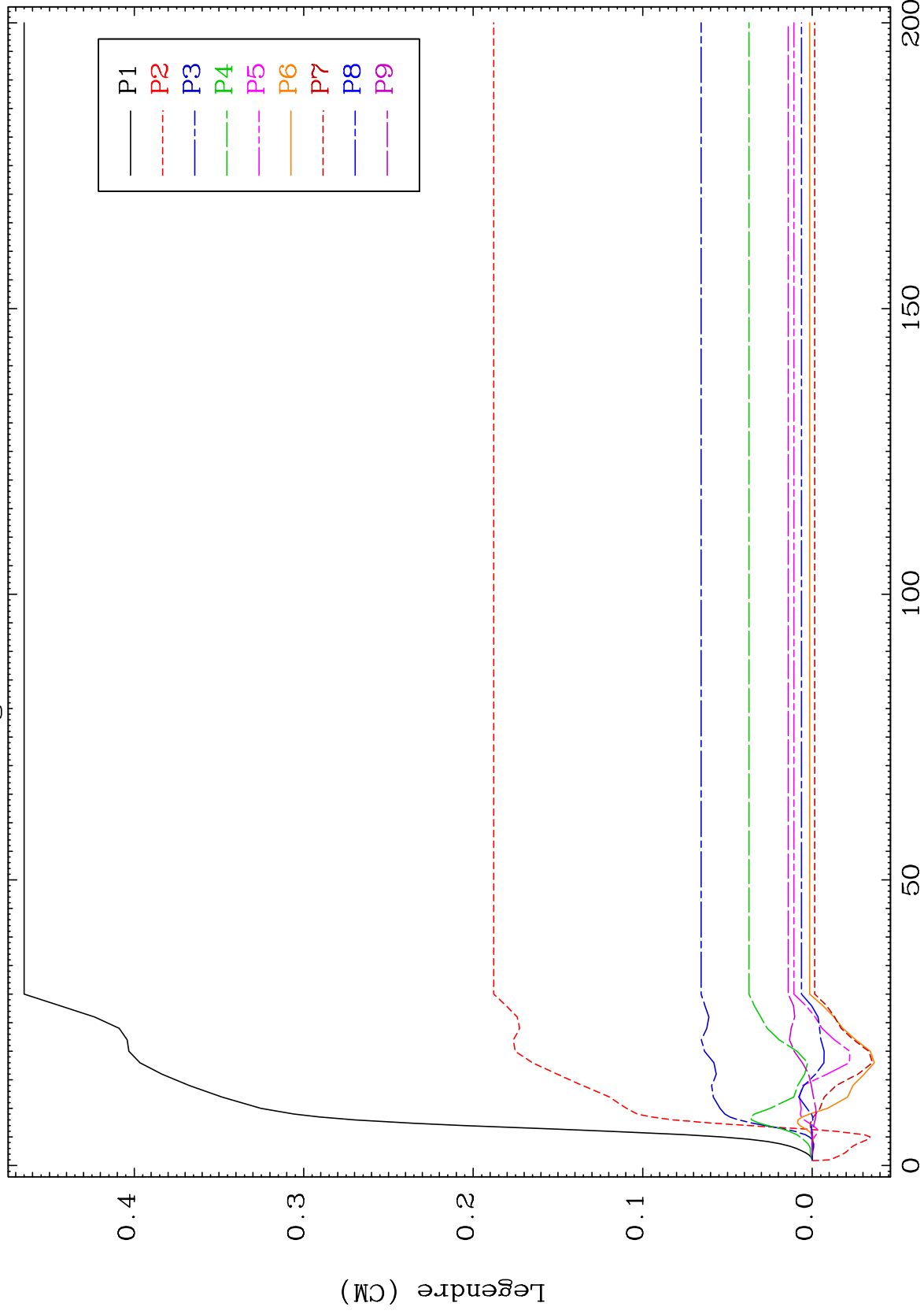
Incident Energy (MeV)

53-I -115

MAT 5289

837.5 keV (n,n') Level  
Legendre Coefficients

53-I -115



53-I -115

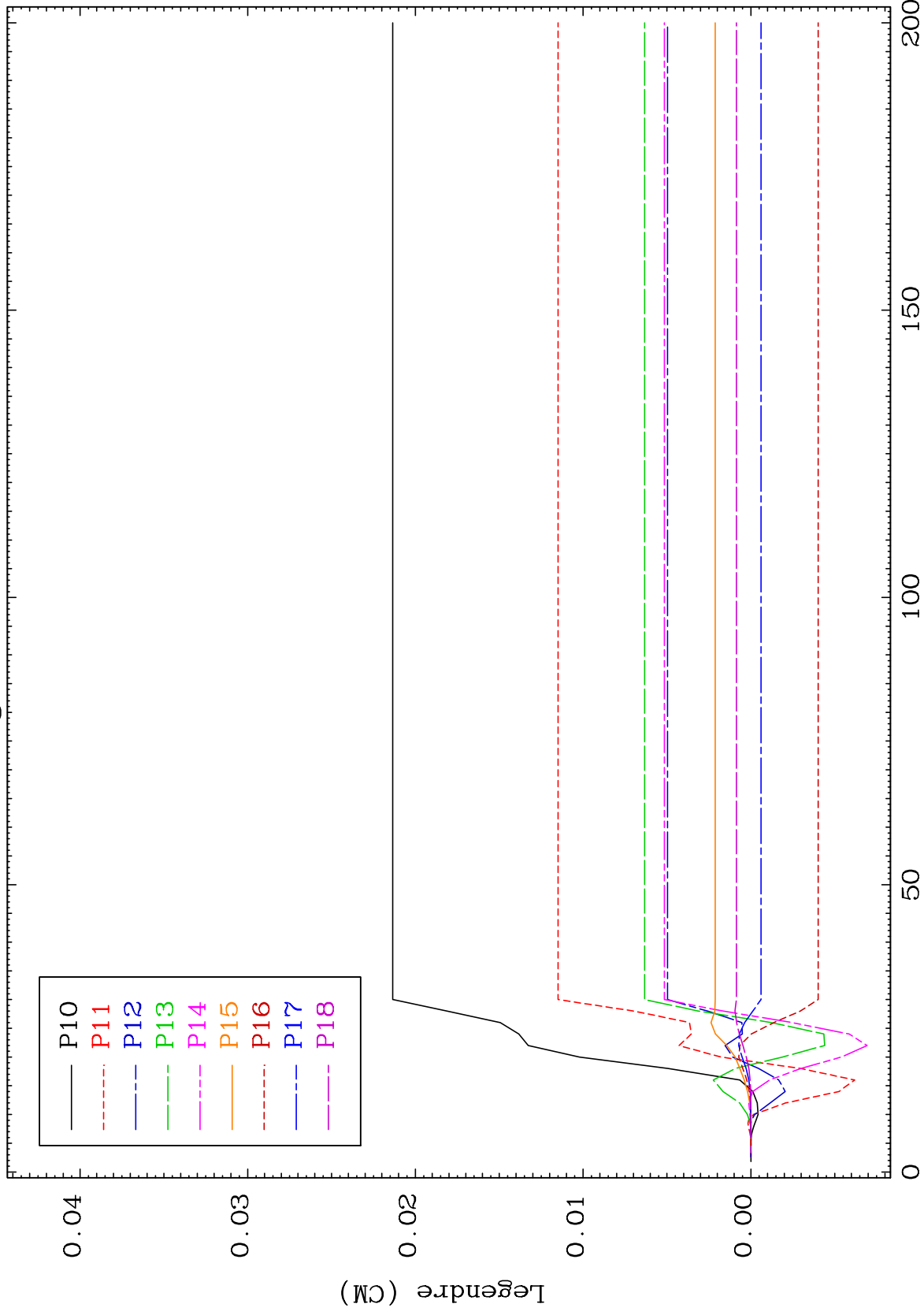
Incident Energy (MeV)

35

MAT 5289

837.5 keV (n,n') Level  
Legendre Coefficients

53-I -115



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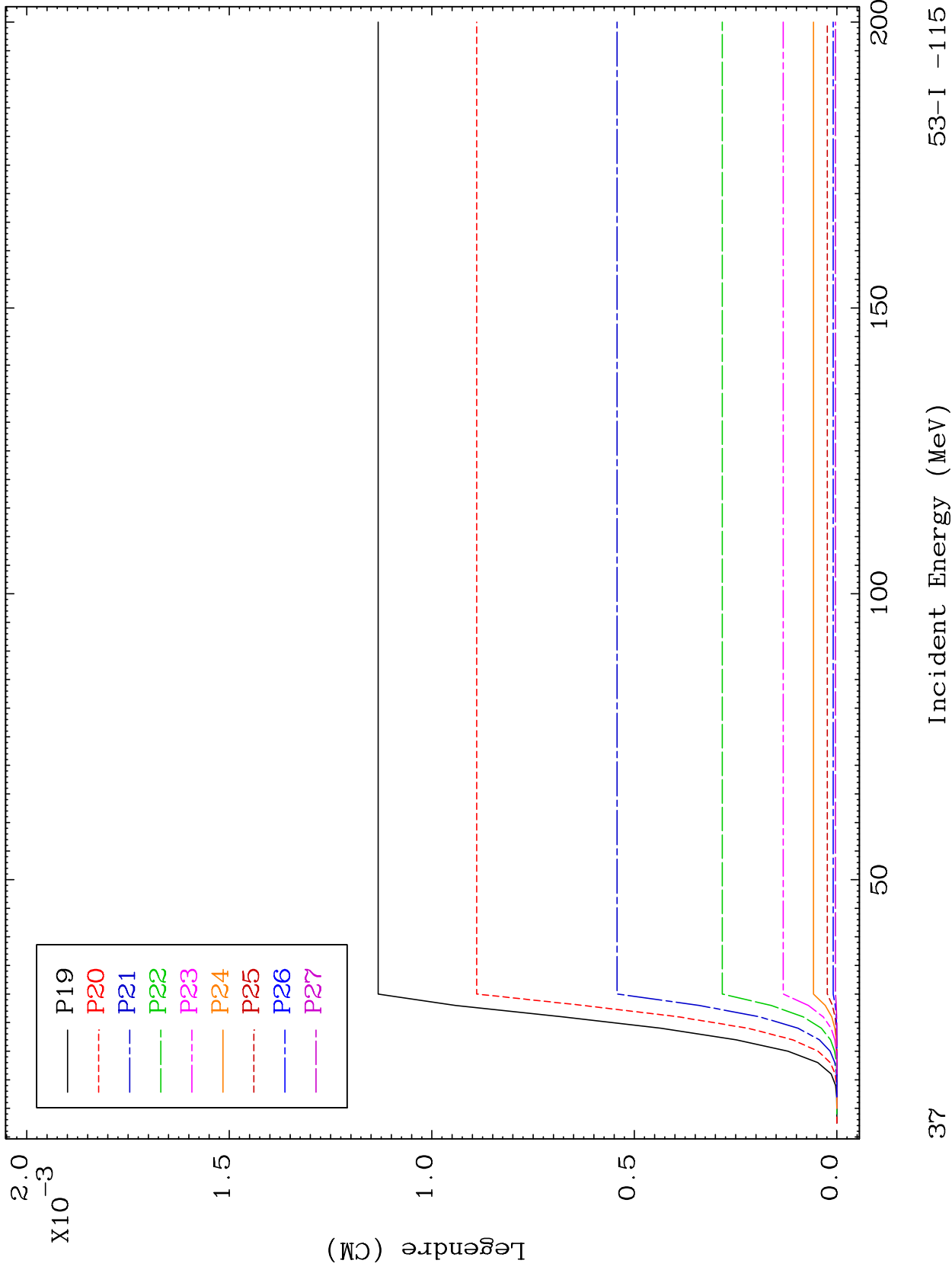
Incident Energy (MeV)

53-I -115

MAT 5289

837.5 keV (n,n') Level  
Legendre Coefficients

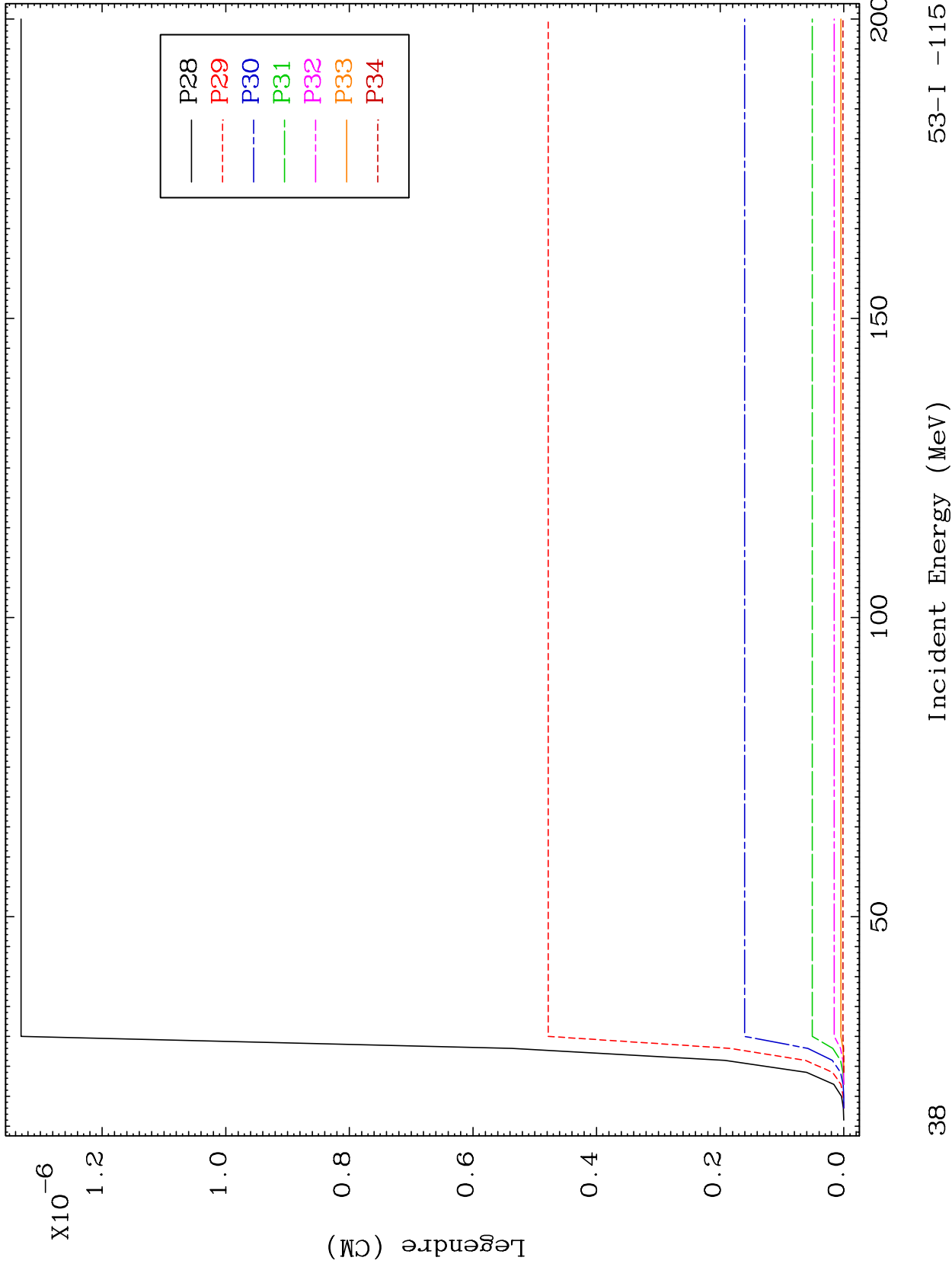
53-I -115



MAT 5289

837.5 keV (n,n') Level  
Legendre Coefficients

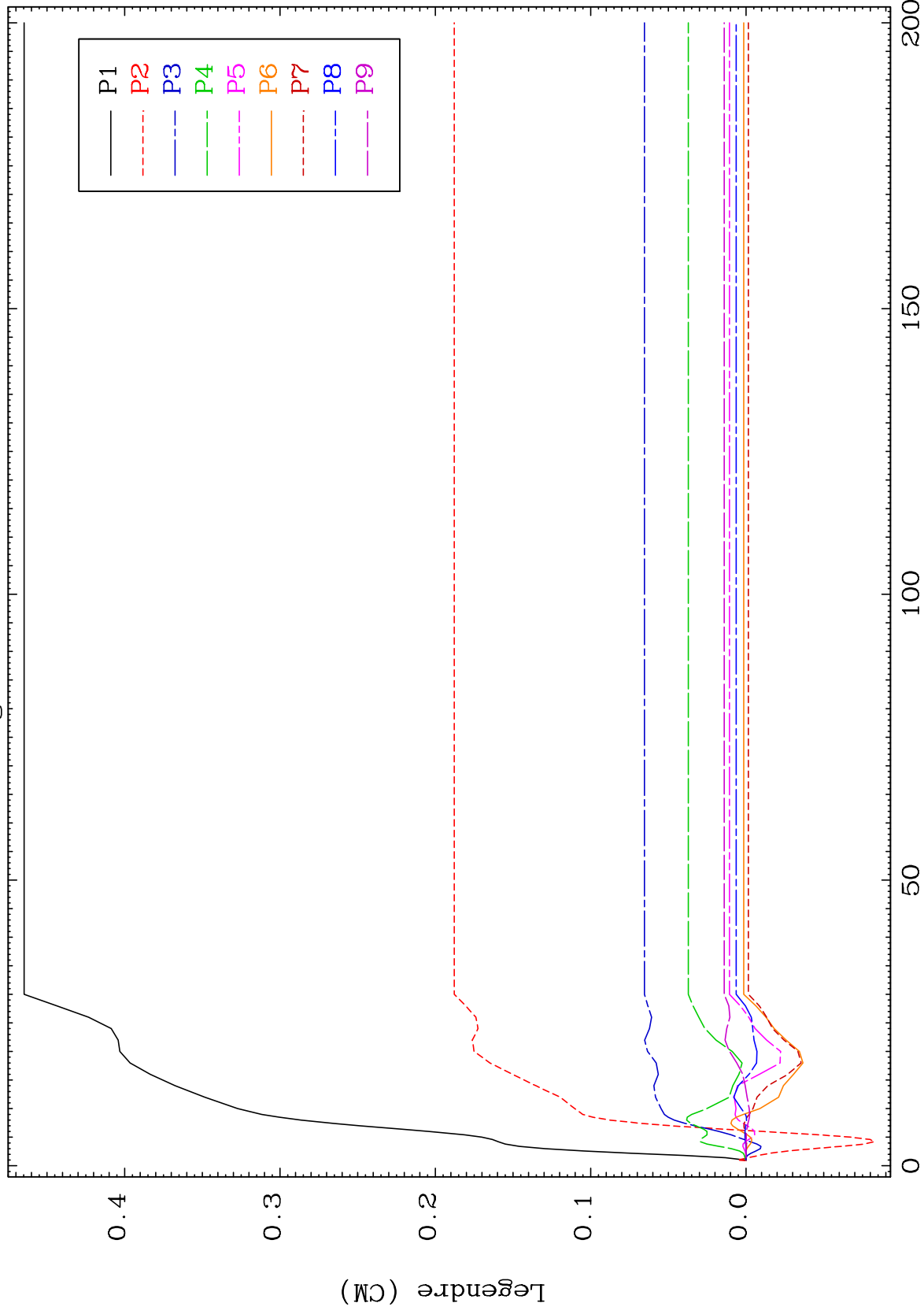
53-I -115



MAT 5289

877.9 keV (n,n') Level  
Legendre Coefficients

53-I -115



39

Incident Energy (MeV)

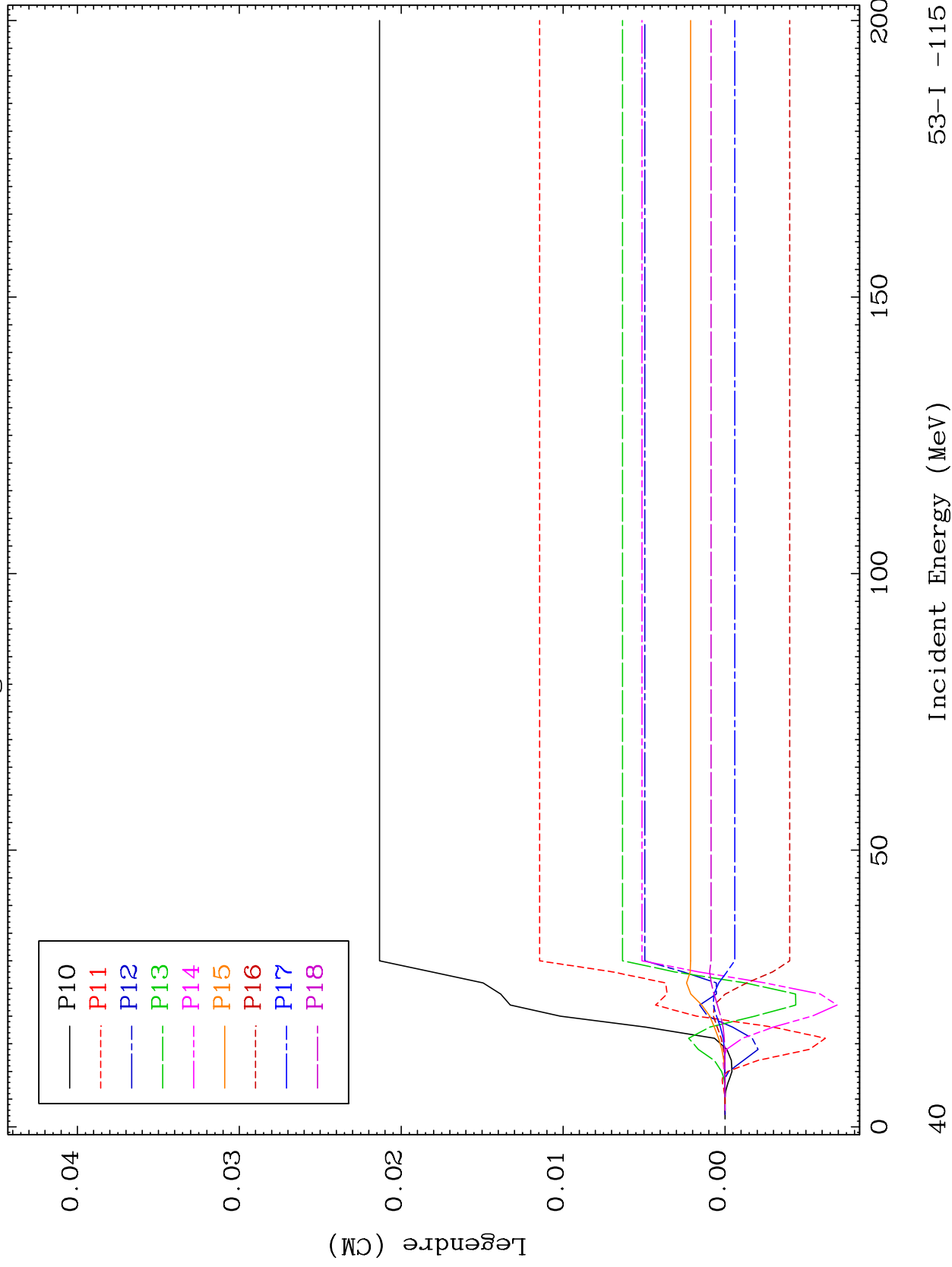
53-I -115



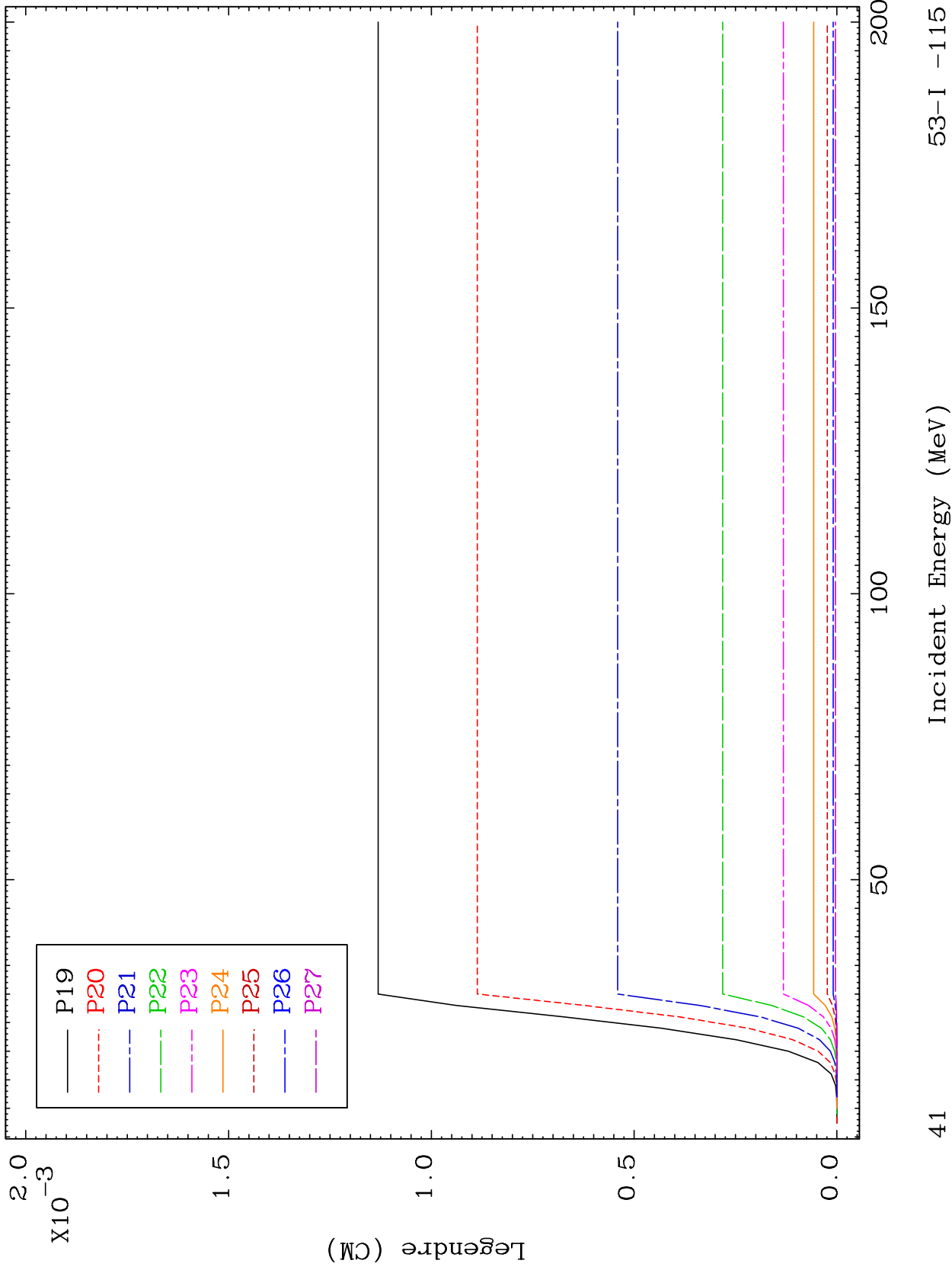
MAT 5289

877.9 keV (n,n') Level  
Legendre Coefficients

53-I -115



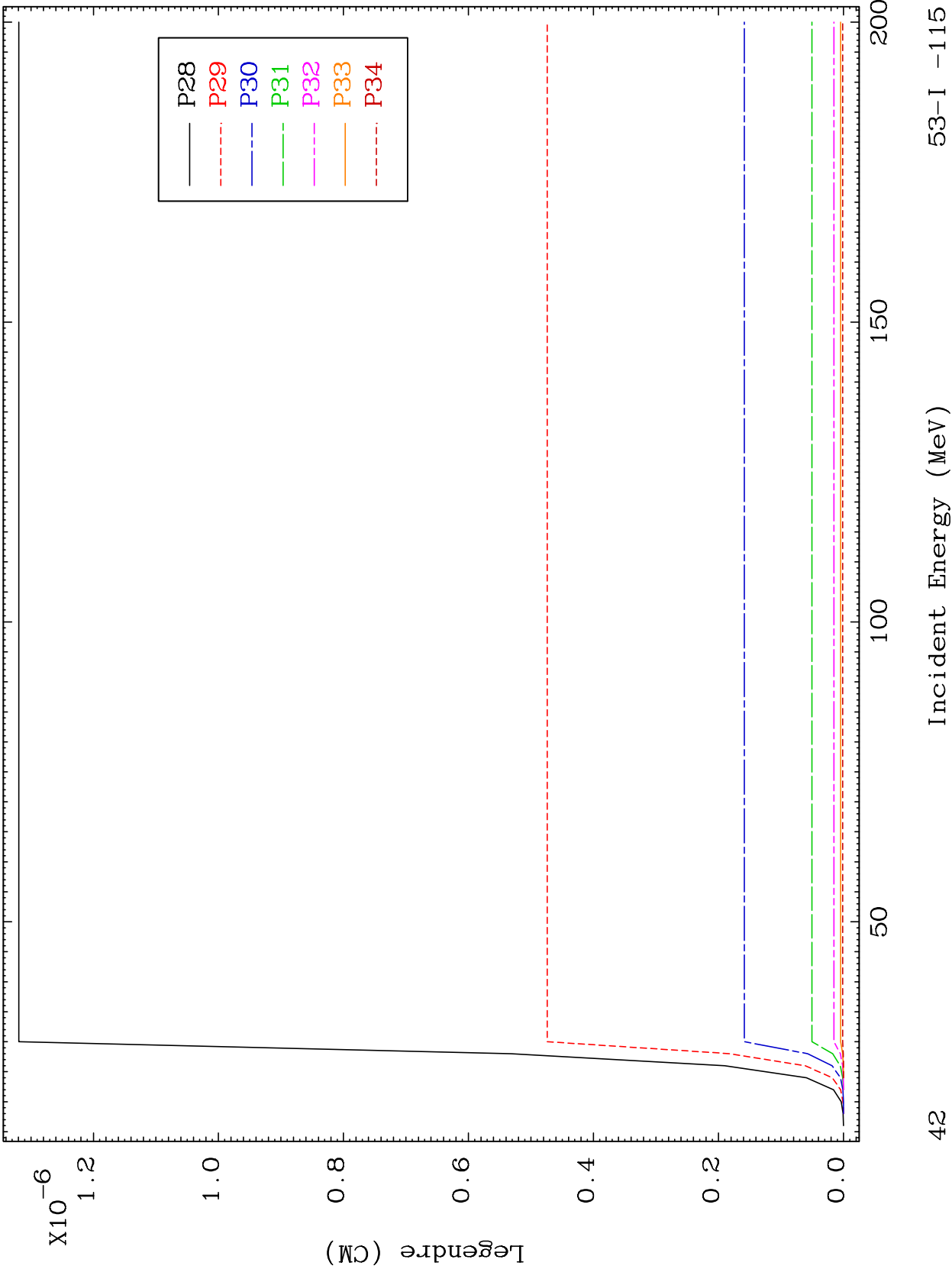
53-I -115



MAT 5289

877.9 keV (n,n') Level  
Legendre Coefficients

53-I -115



42

Incident Energy (MeV)

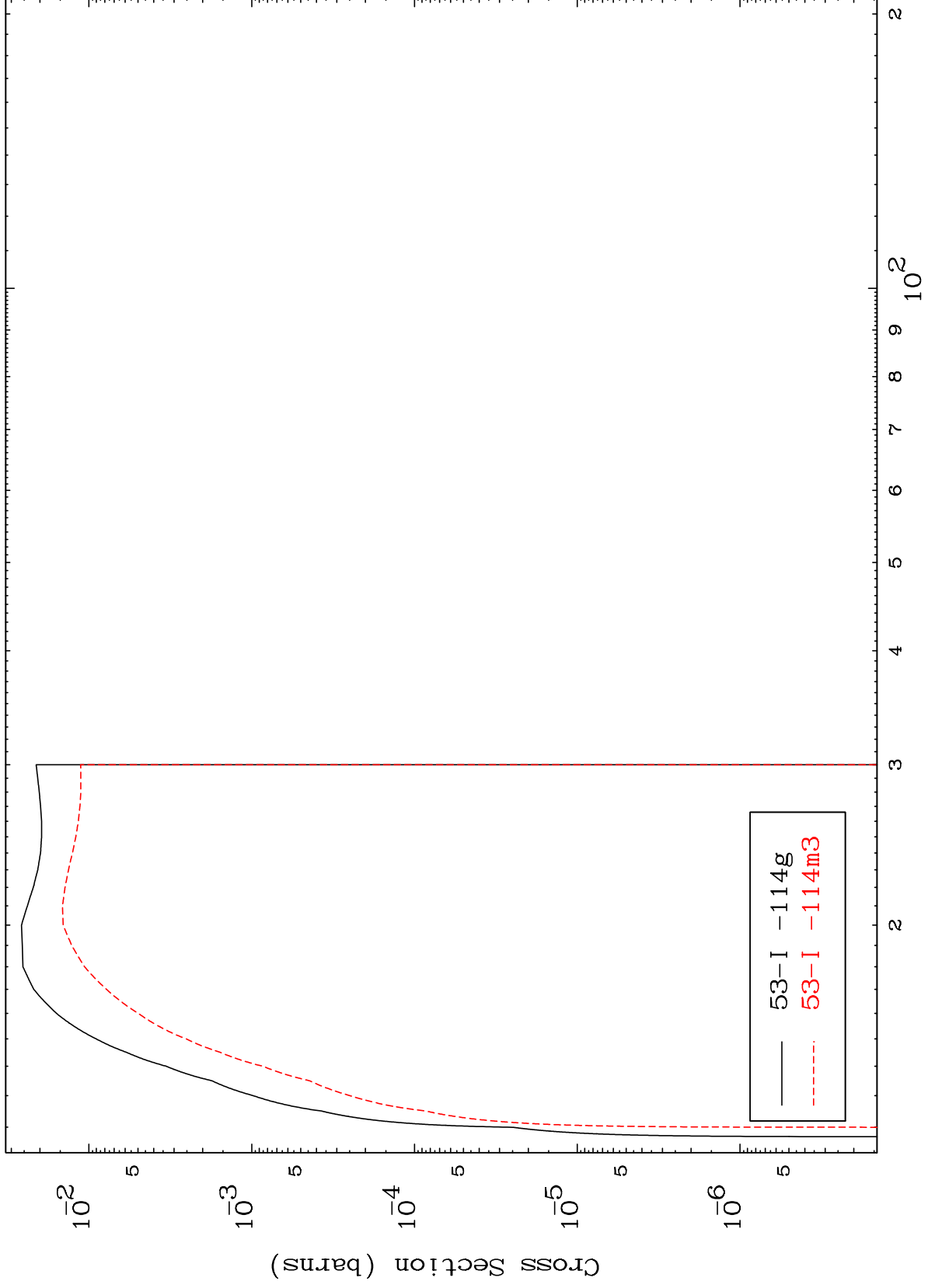
53-I -115

MAT 5289

(n,2n)

53-I -115

Radionuclide Production Cross Section



43

Incident Energy (MeV)

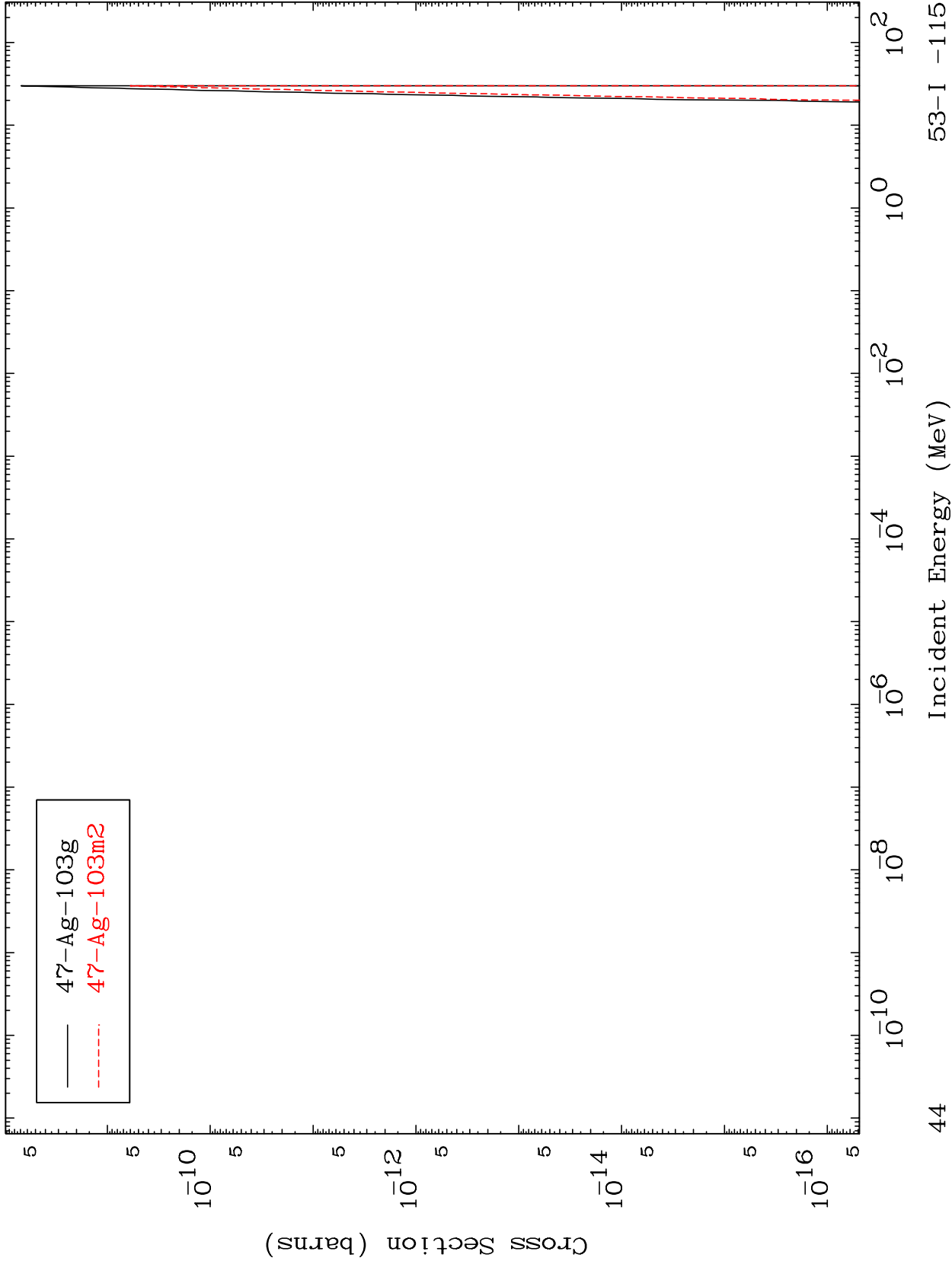
53-I -115

MAT 5289

(n,n') 3 $\alpha$

53-I -115

Radionuclide Production Cross Section

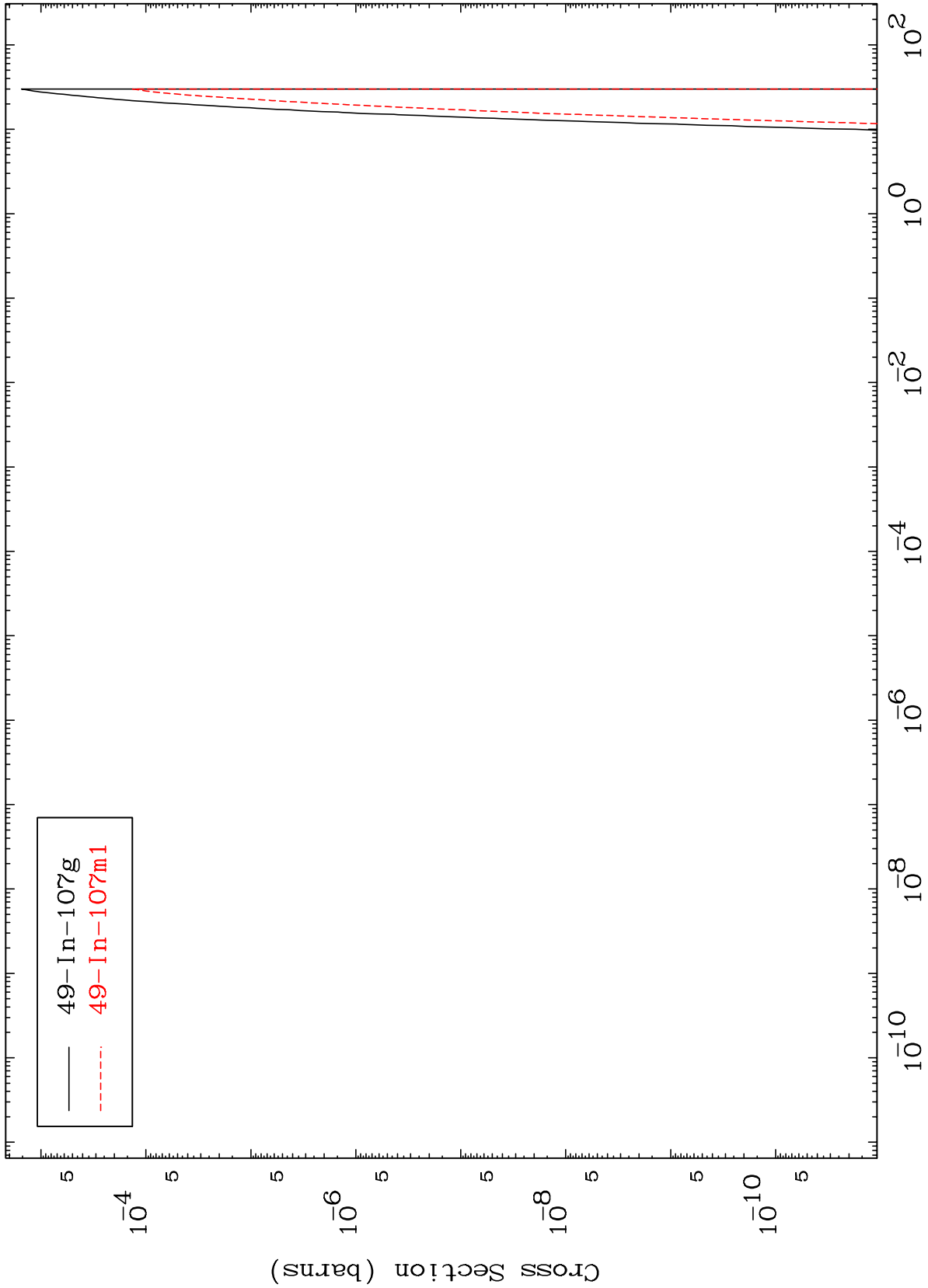


MAT 5289

(n,n') 2α

53-I -115

Radionuclide Production Cross Section



45

Incident Energy (MeV)

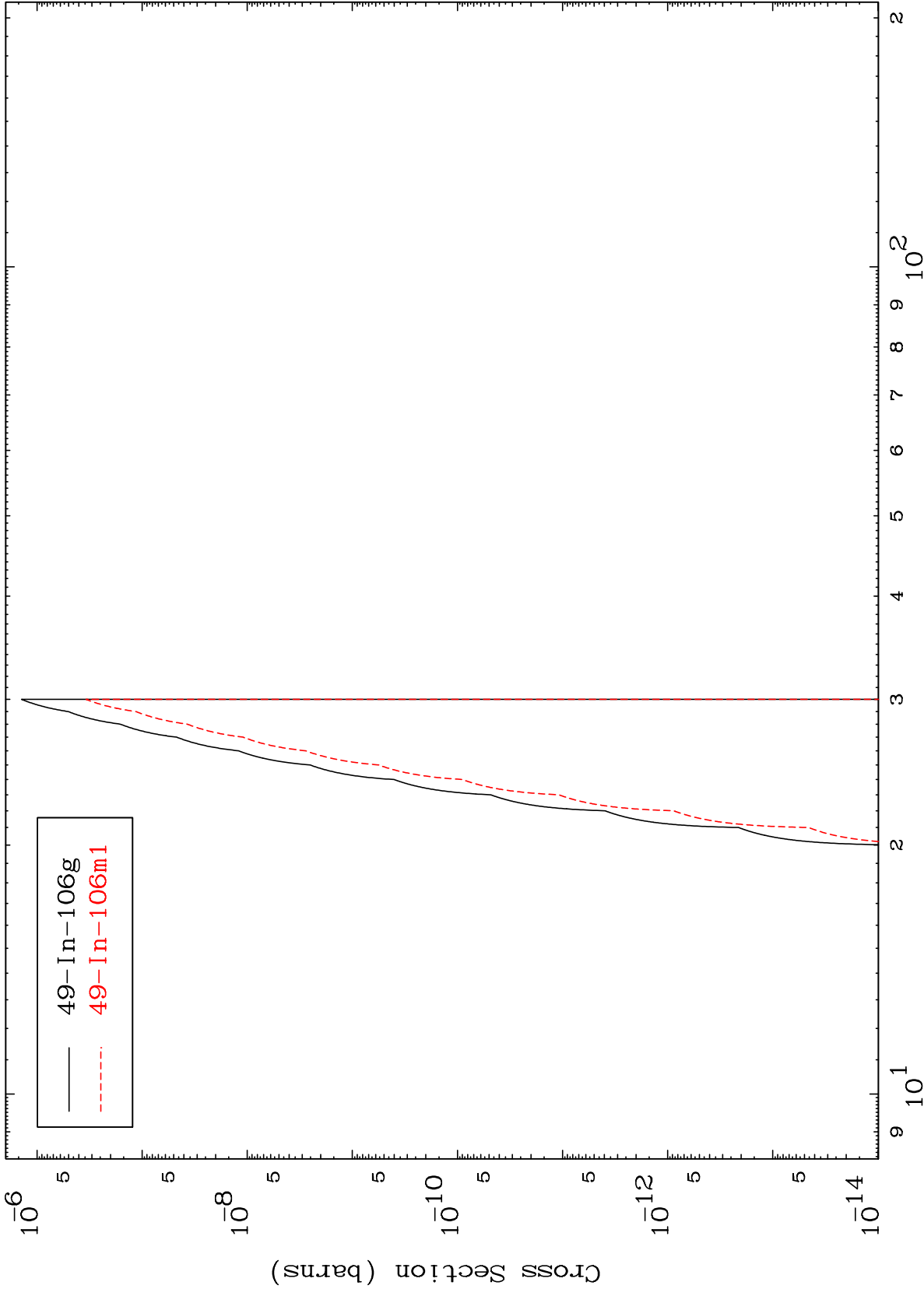
53-I -115

MAT 5289

(n,2n) 2α

53-I -115

Radionuclide Production Cross Section



46

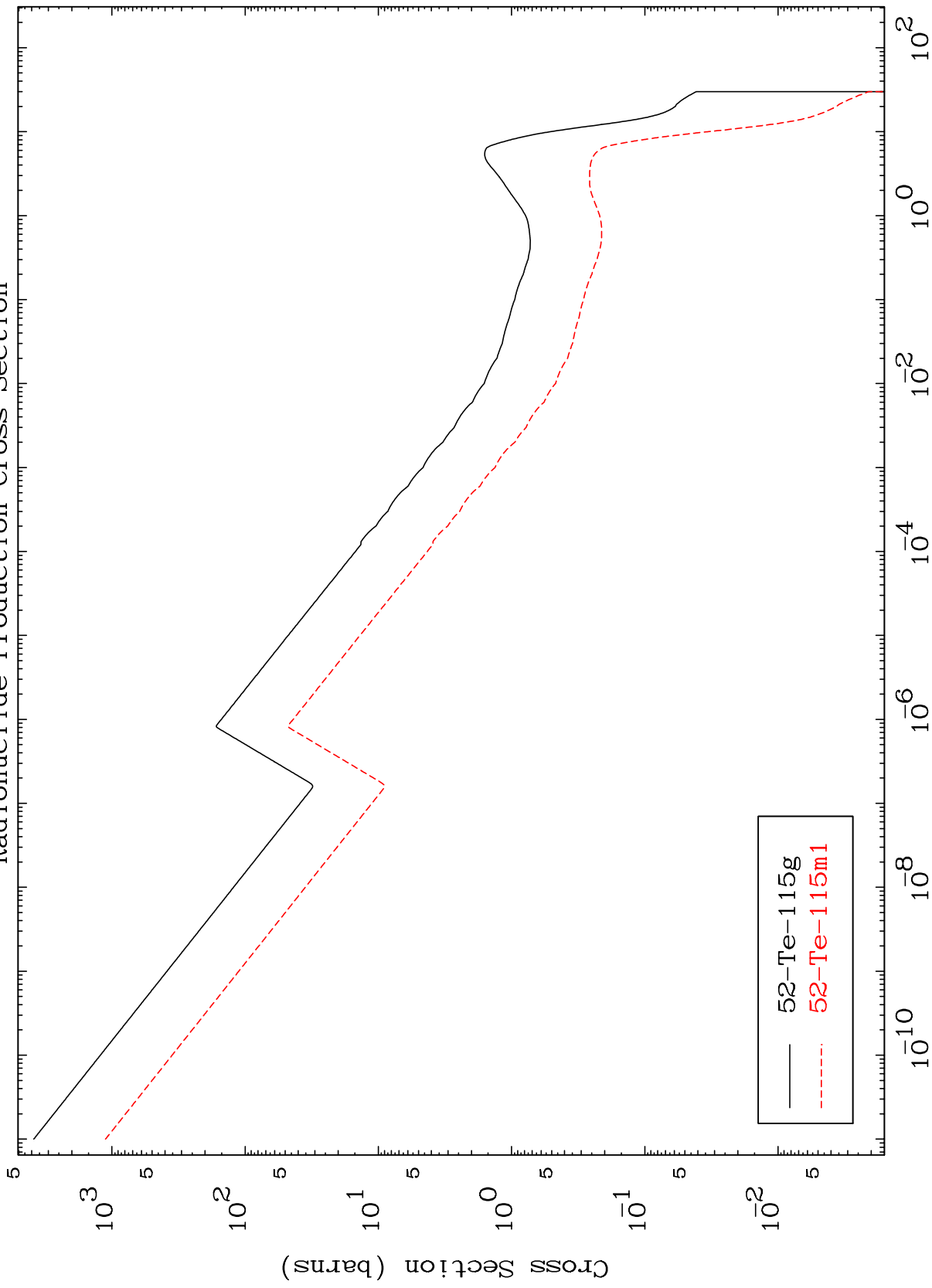
Incident Energy (MeV)

53-I -115

MAT 5289

53-I -115

(n,p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

53-I -115

47

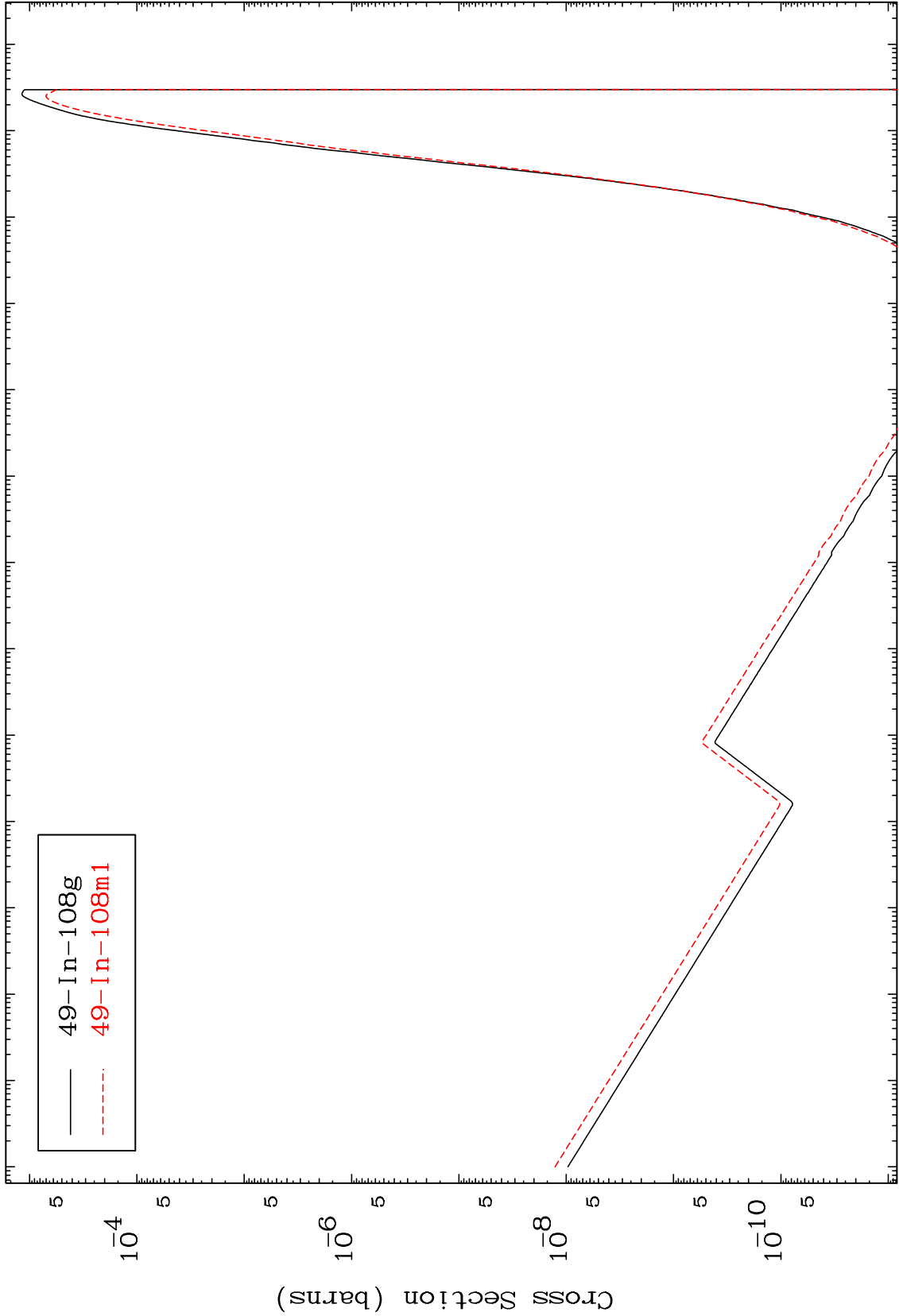
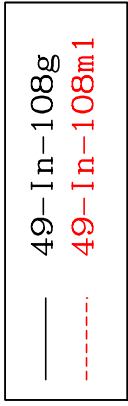


MAT 5289

(n,2α)

53-I -115

Radionuclide Production Cross Section



53-I -115

Incident Energy (MeV)

48

MAT 5289

(n,3 $\alpha$ )

53-I -115

Radionuclide Production Cross Section

