

Program EVALPLOT  
(Version 2021-1)

by

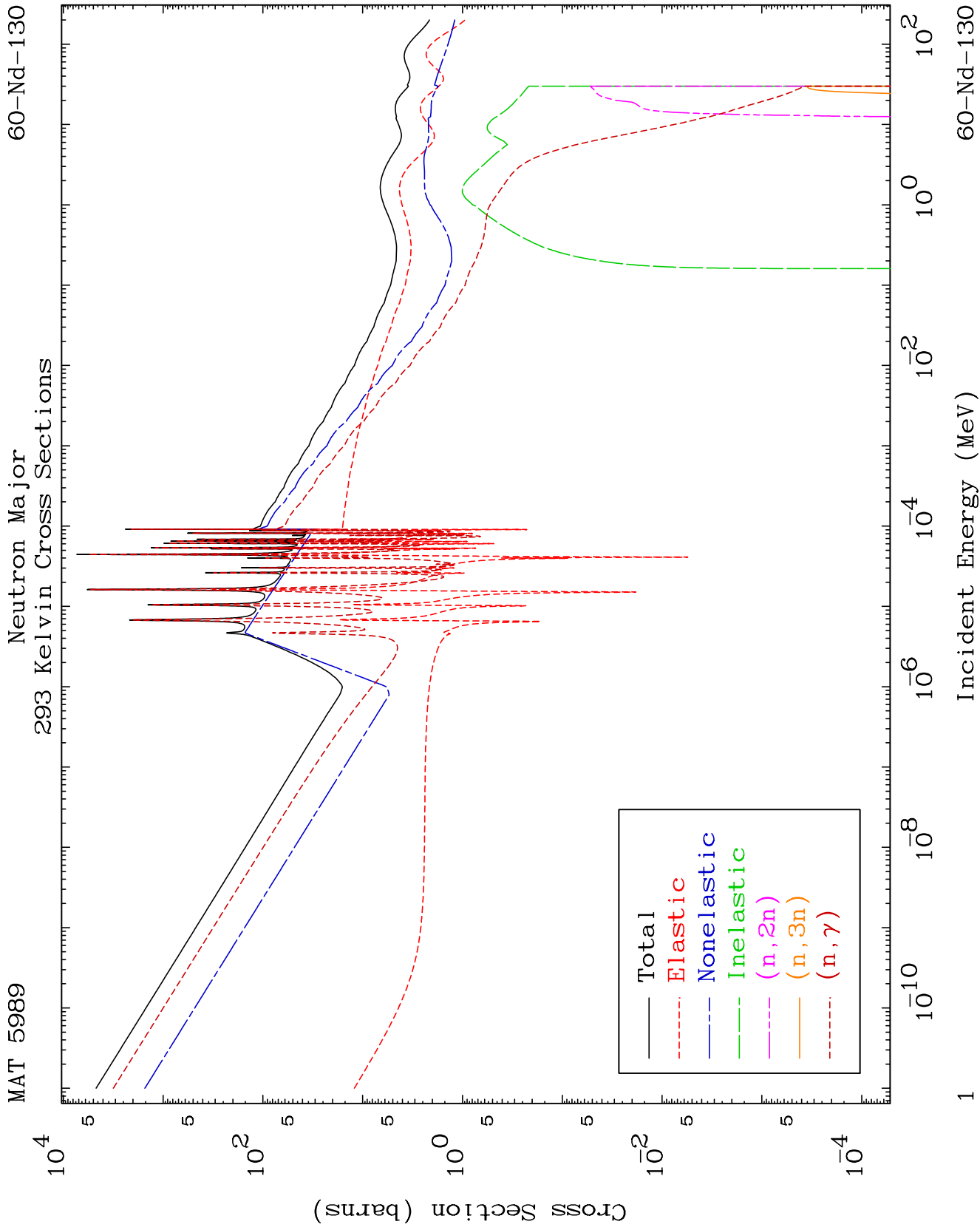
Dermott E. Cullen  
(Present Contact Information)

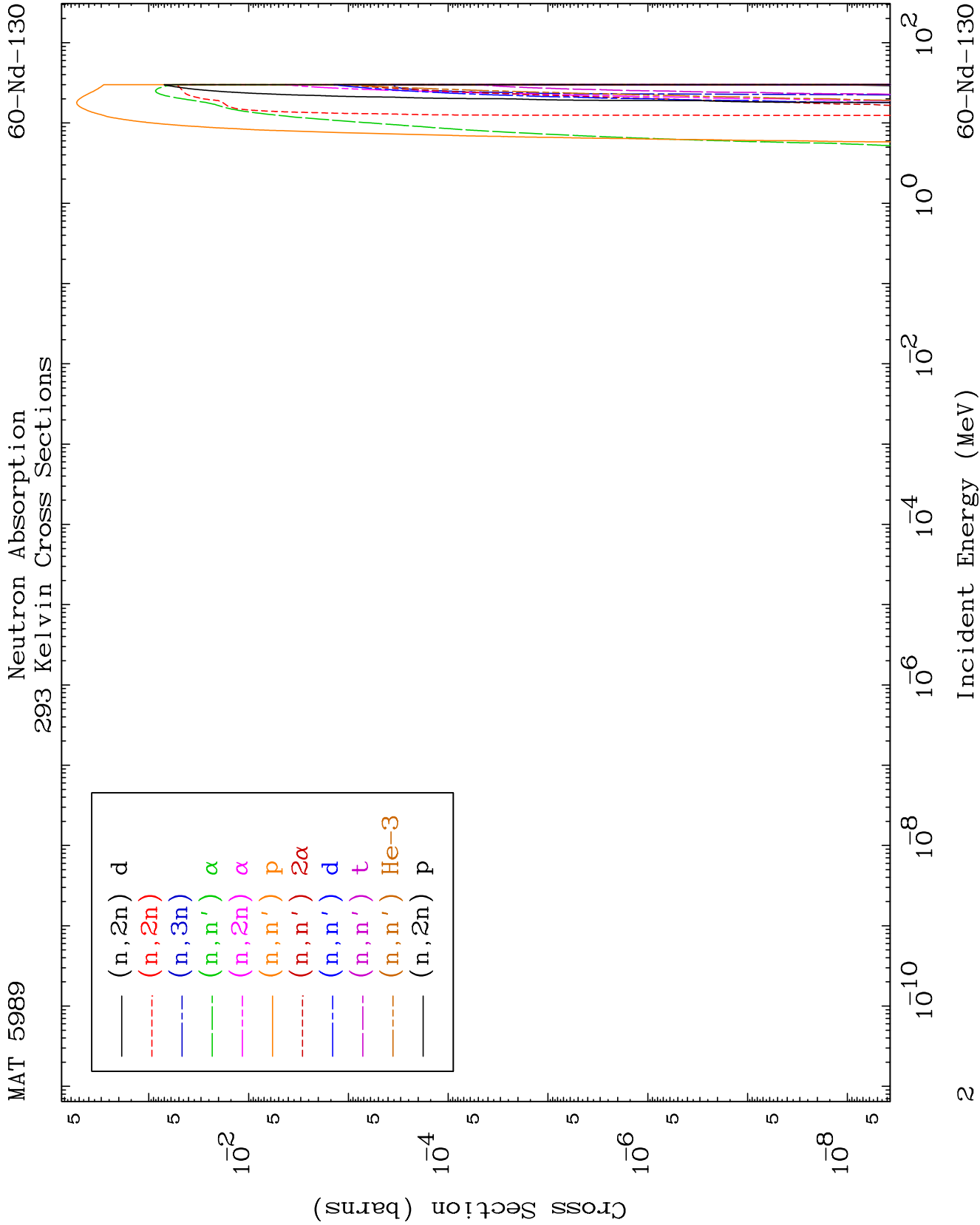
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

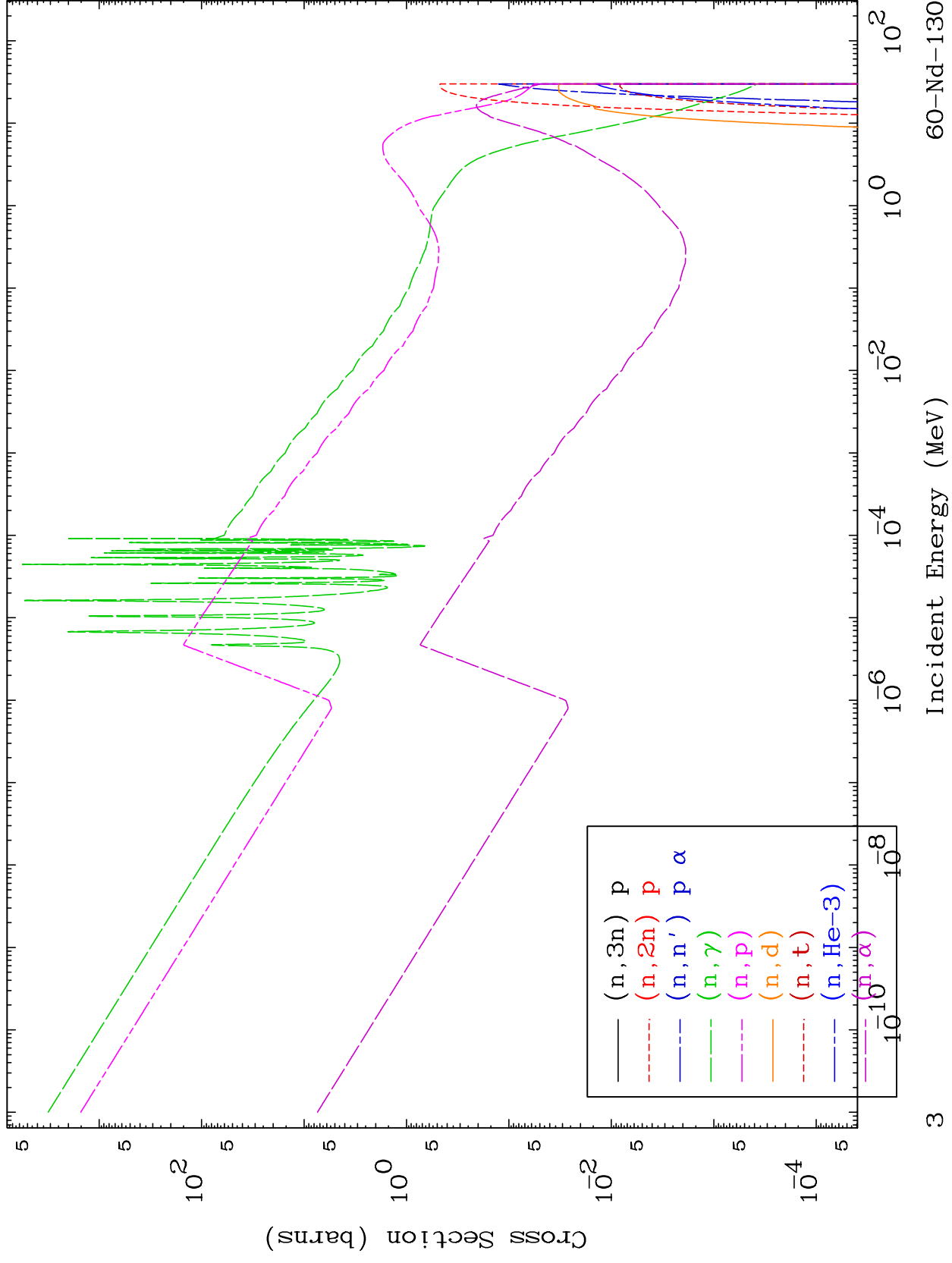
Tele: 925-443-1911

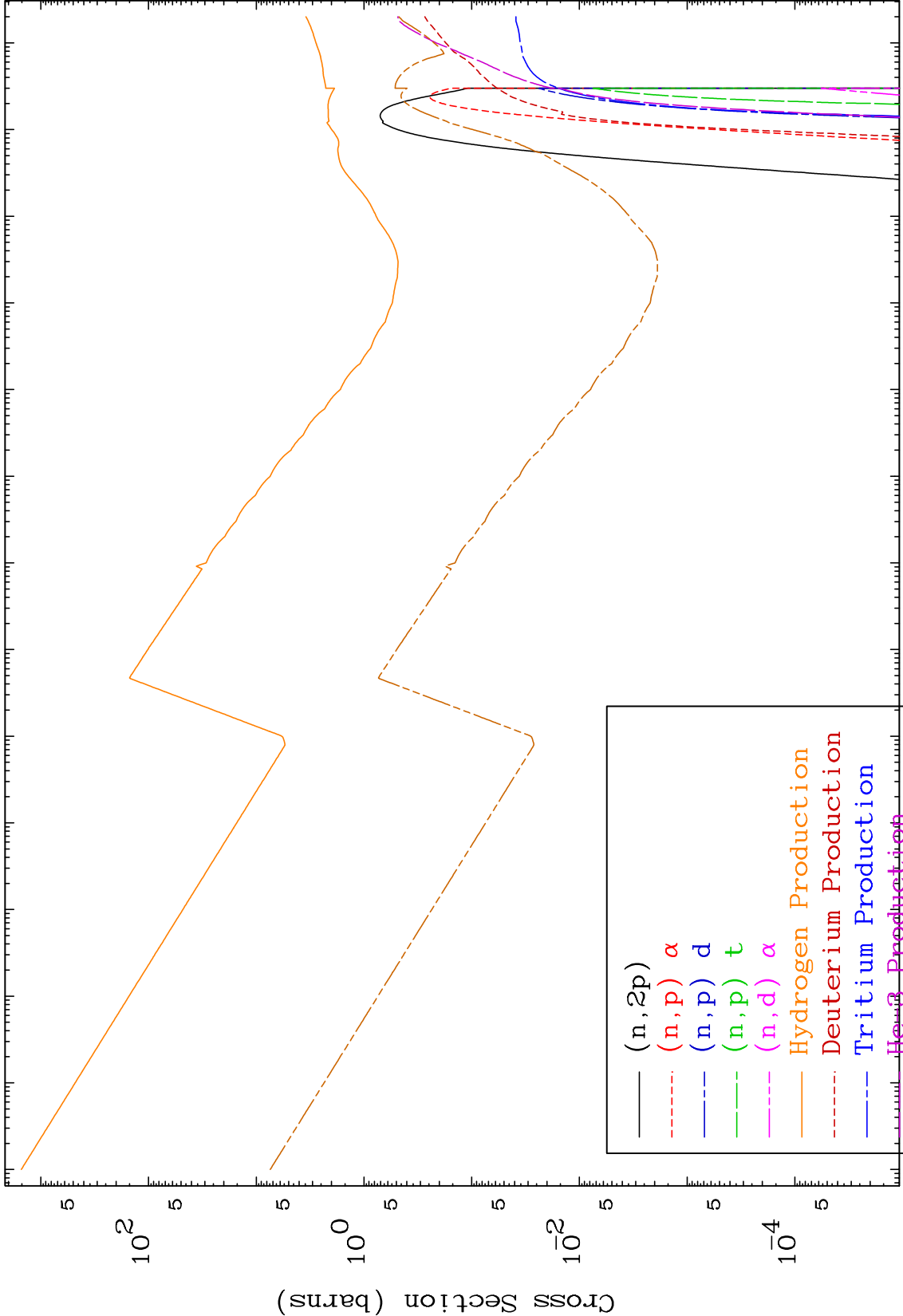
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

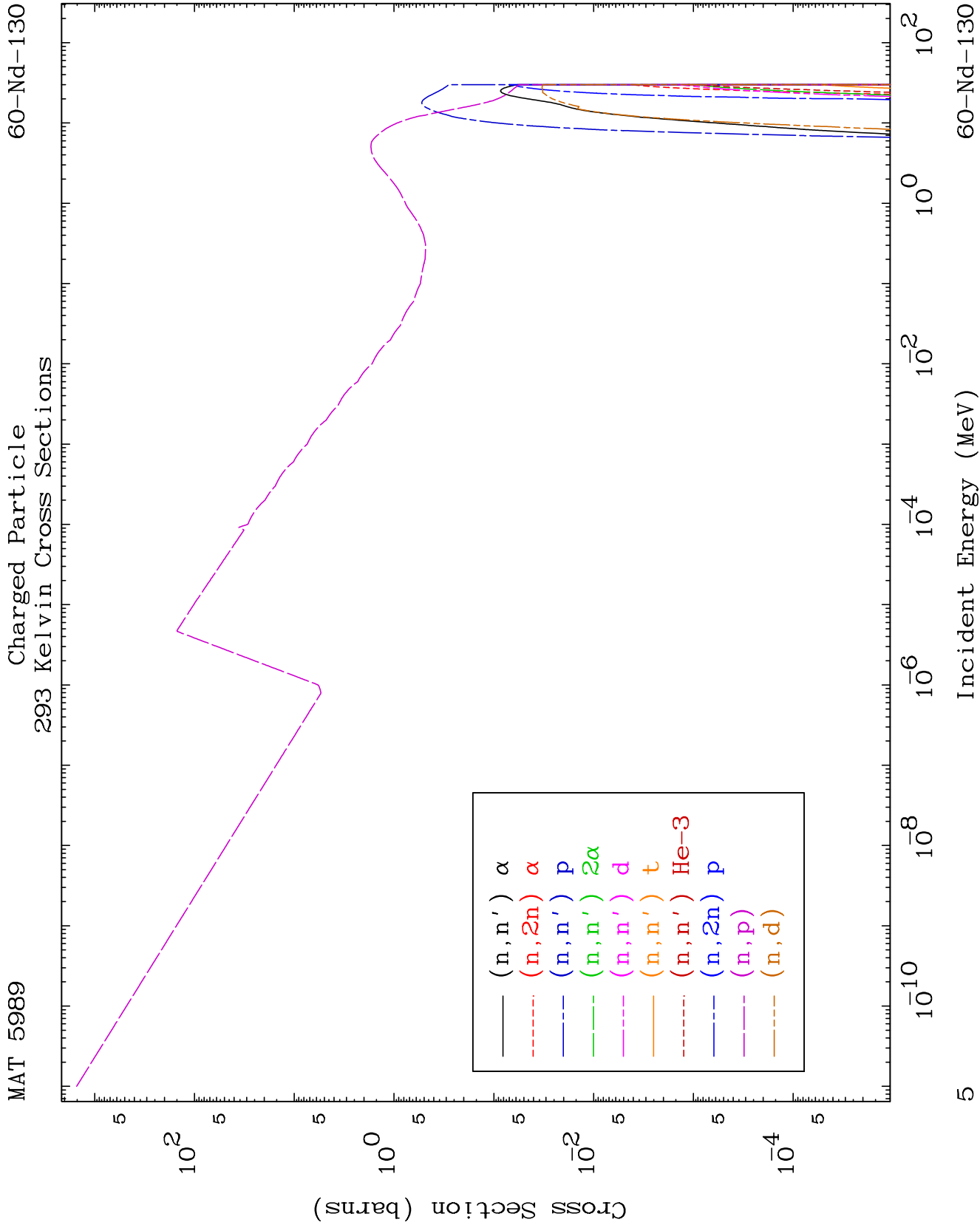
Press Mouse Button to Start

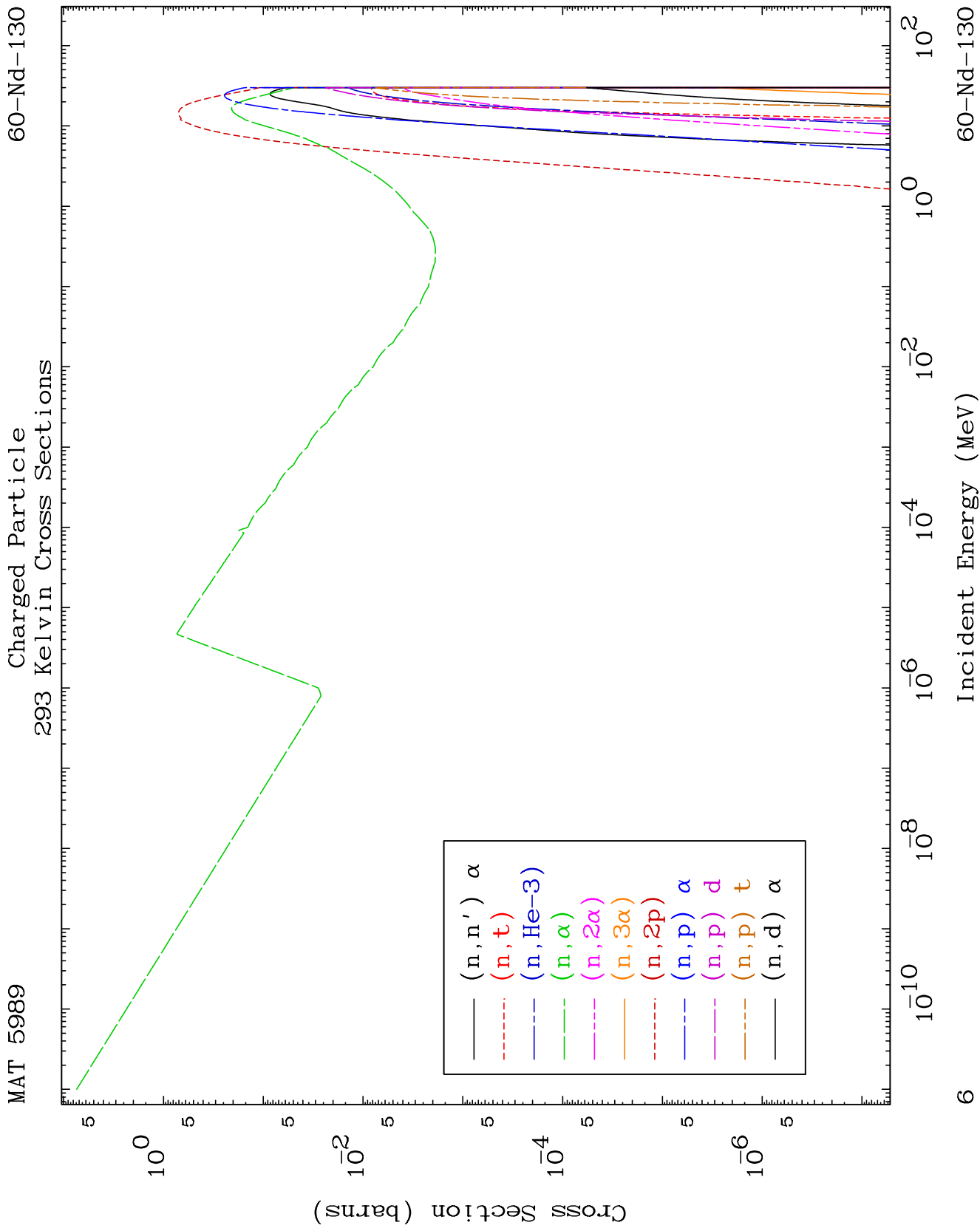


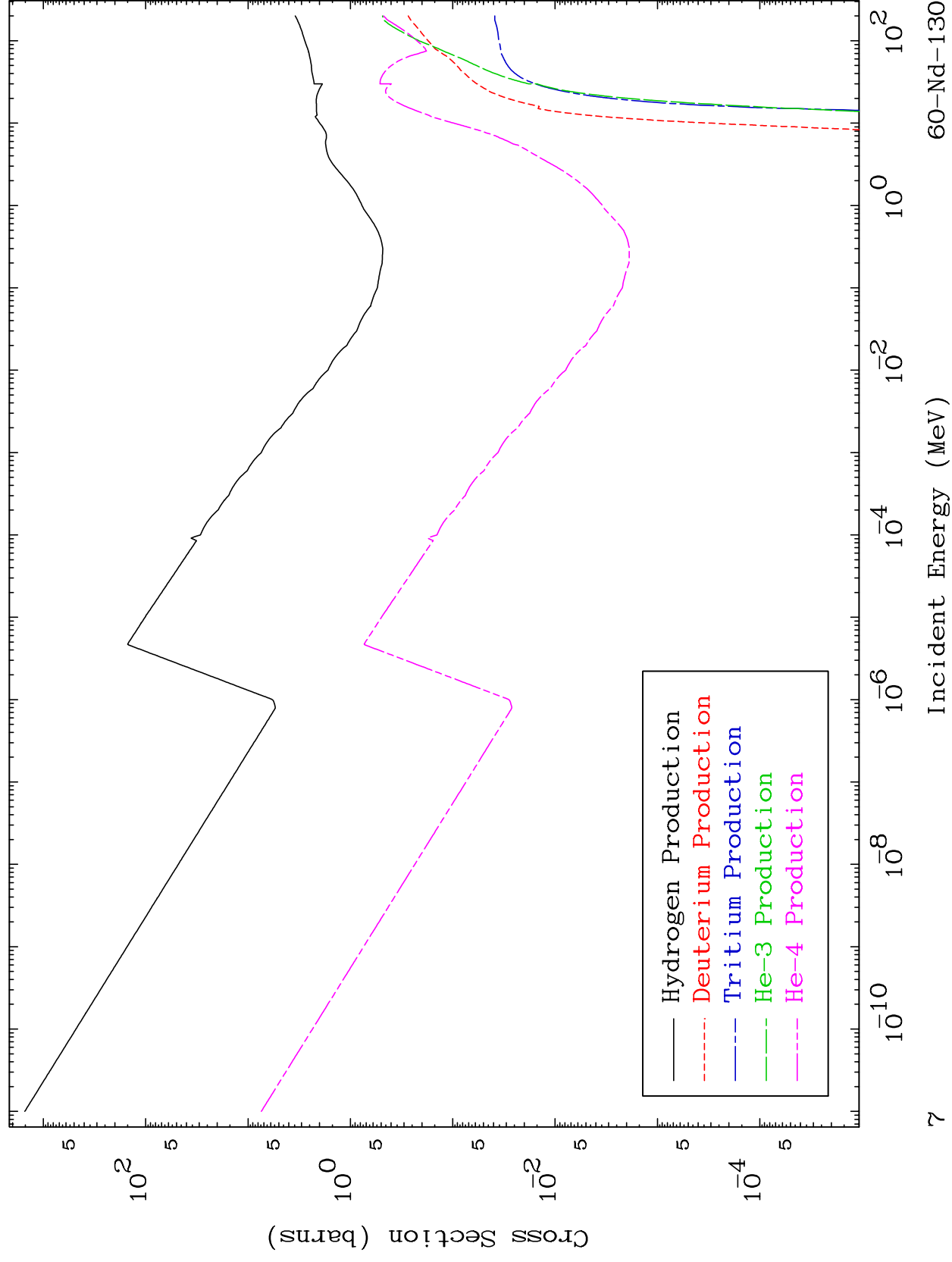




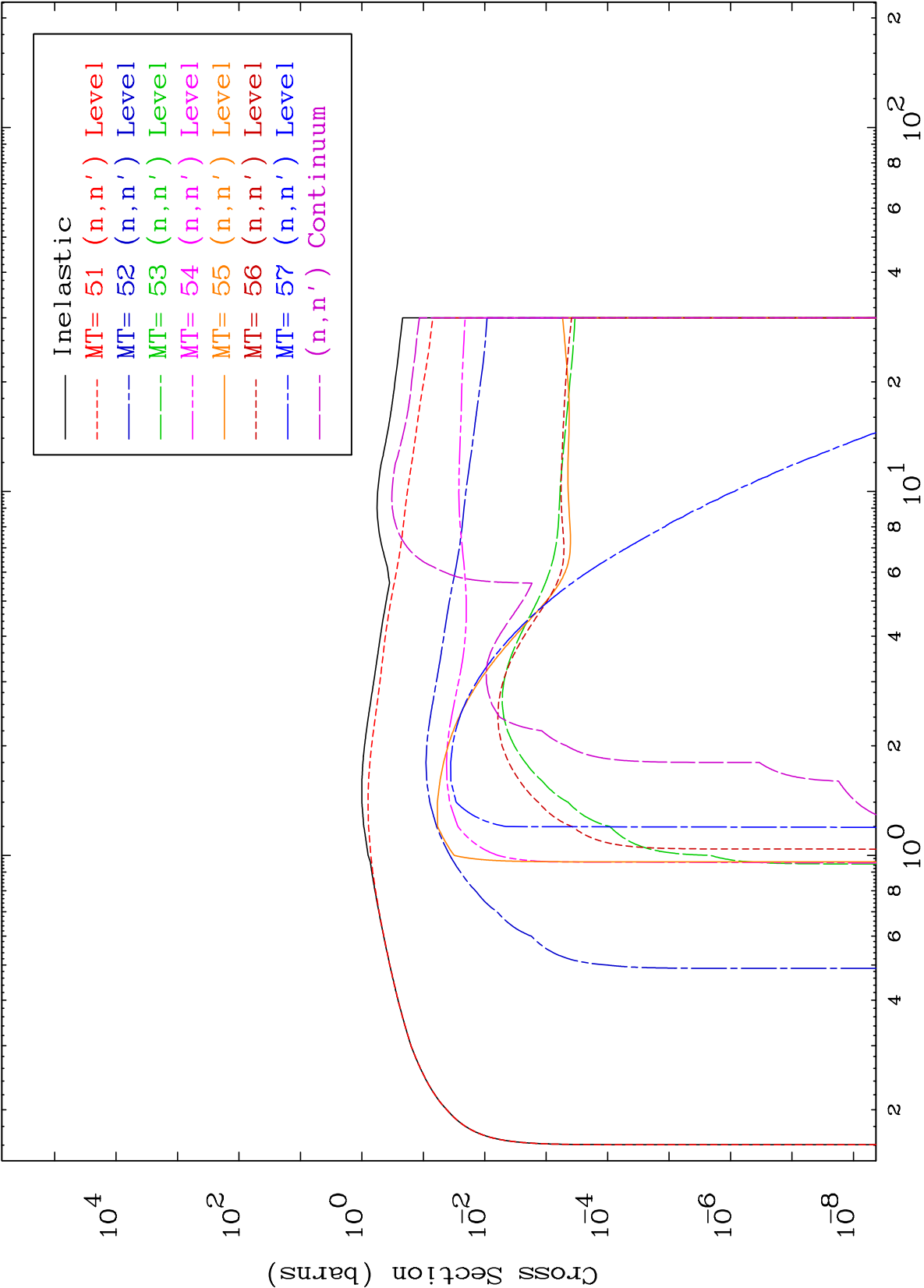


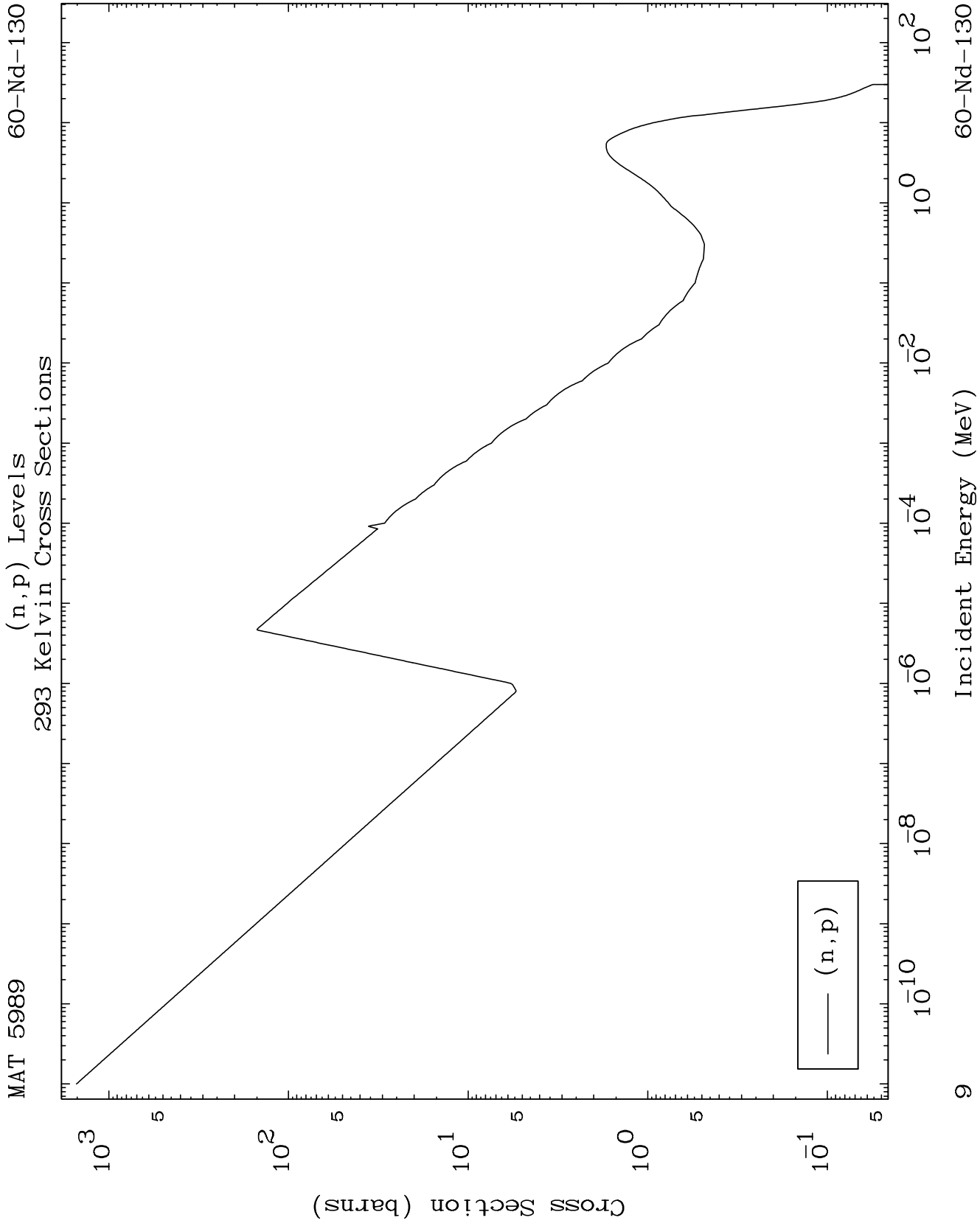








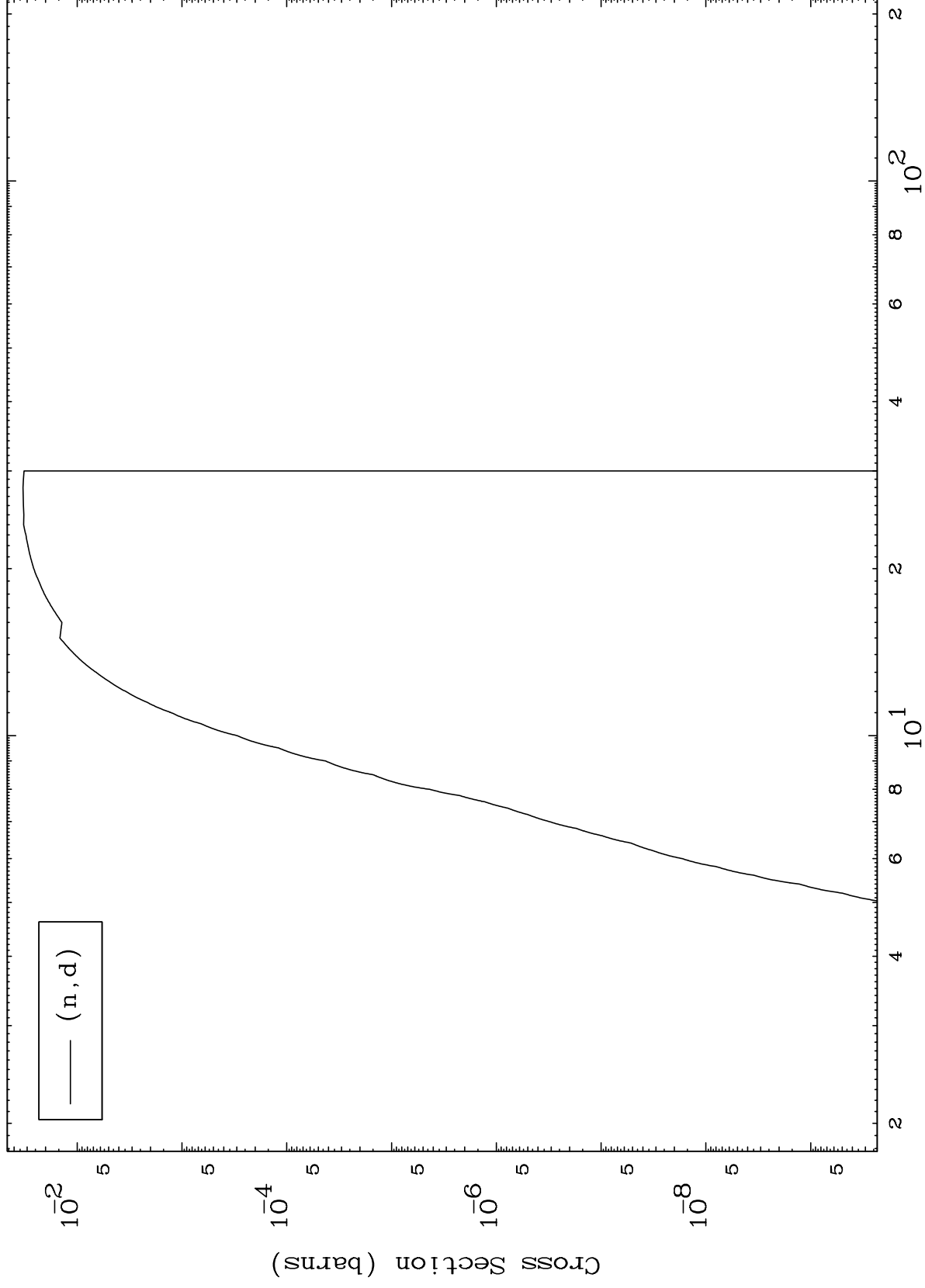


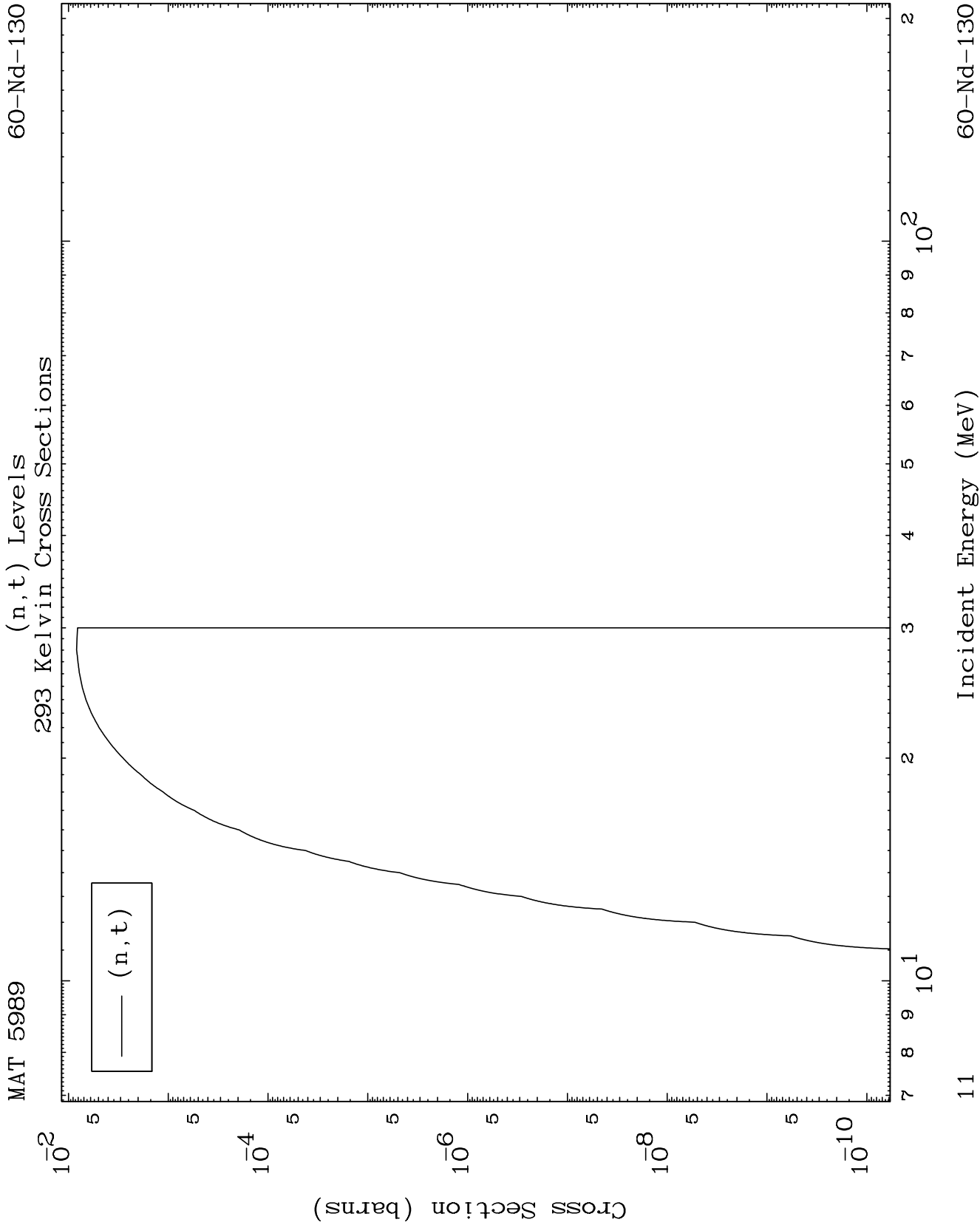


MAT 5989

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-130

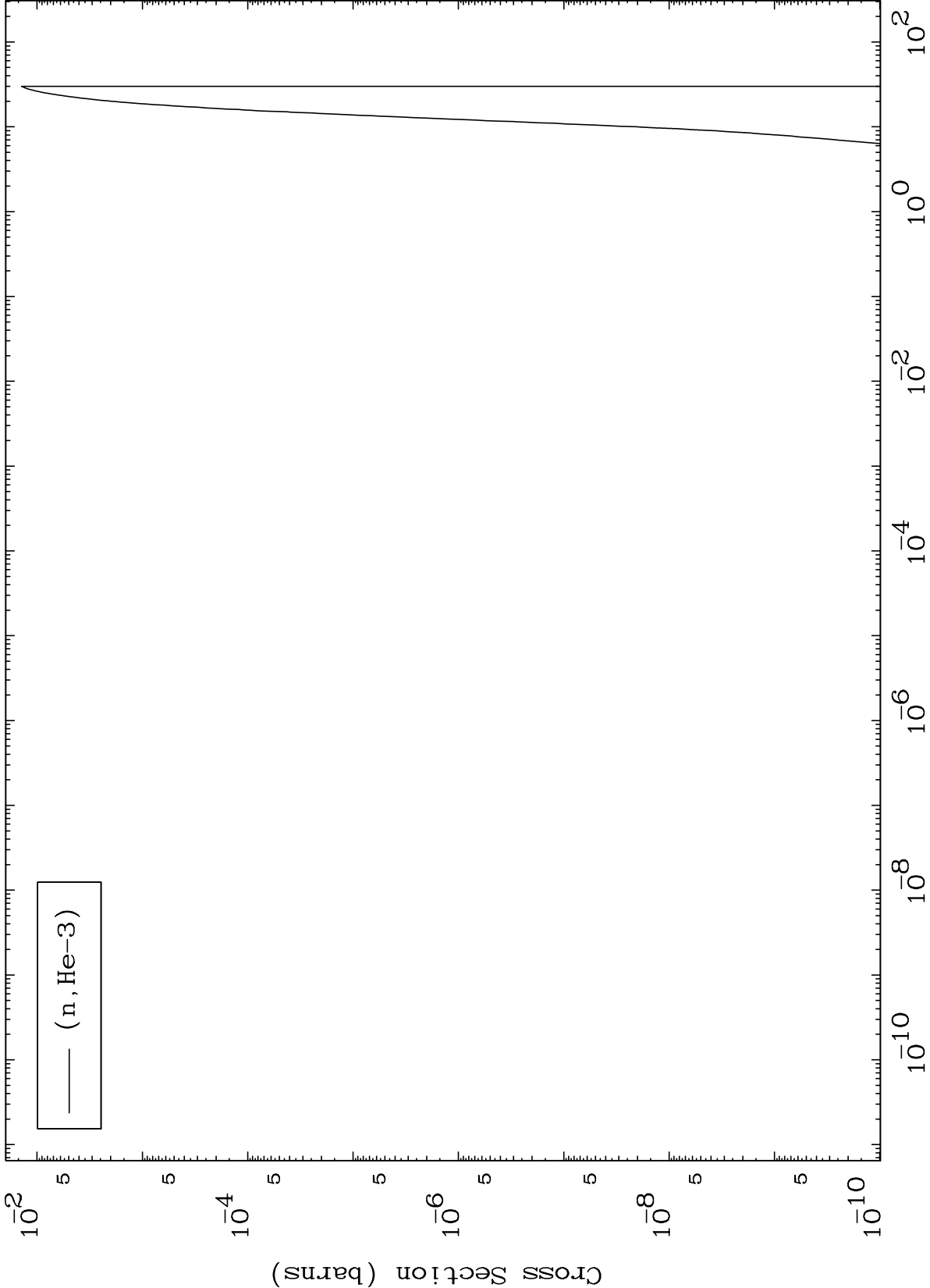




MAT 5989

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-130



12

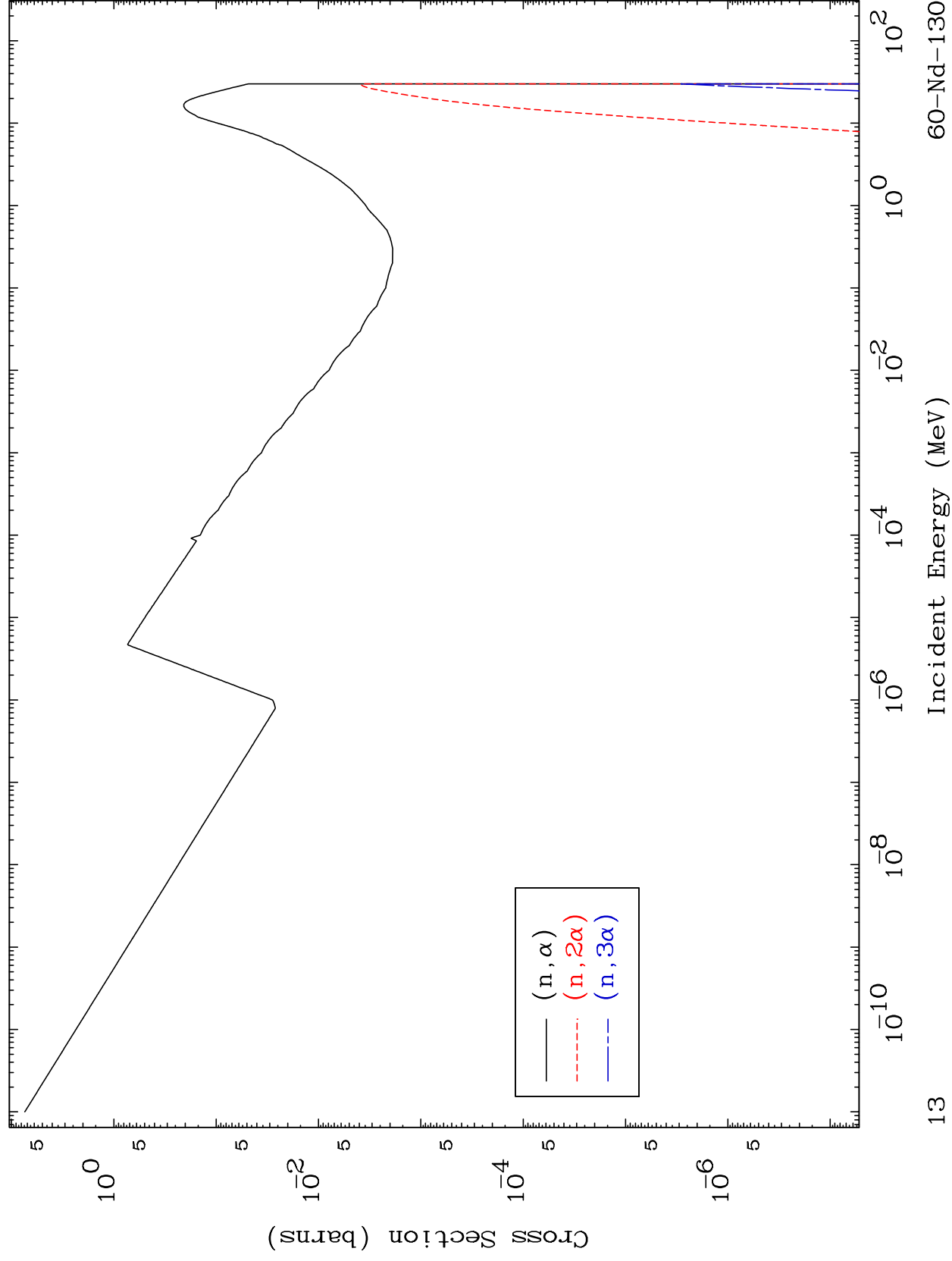
Incident Energy (MeV)

60-Nd-130

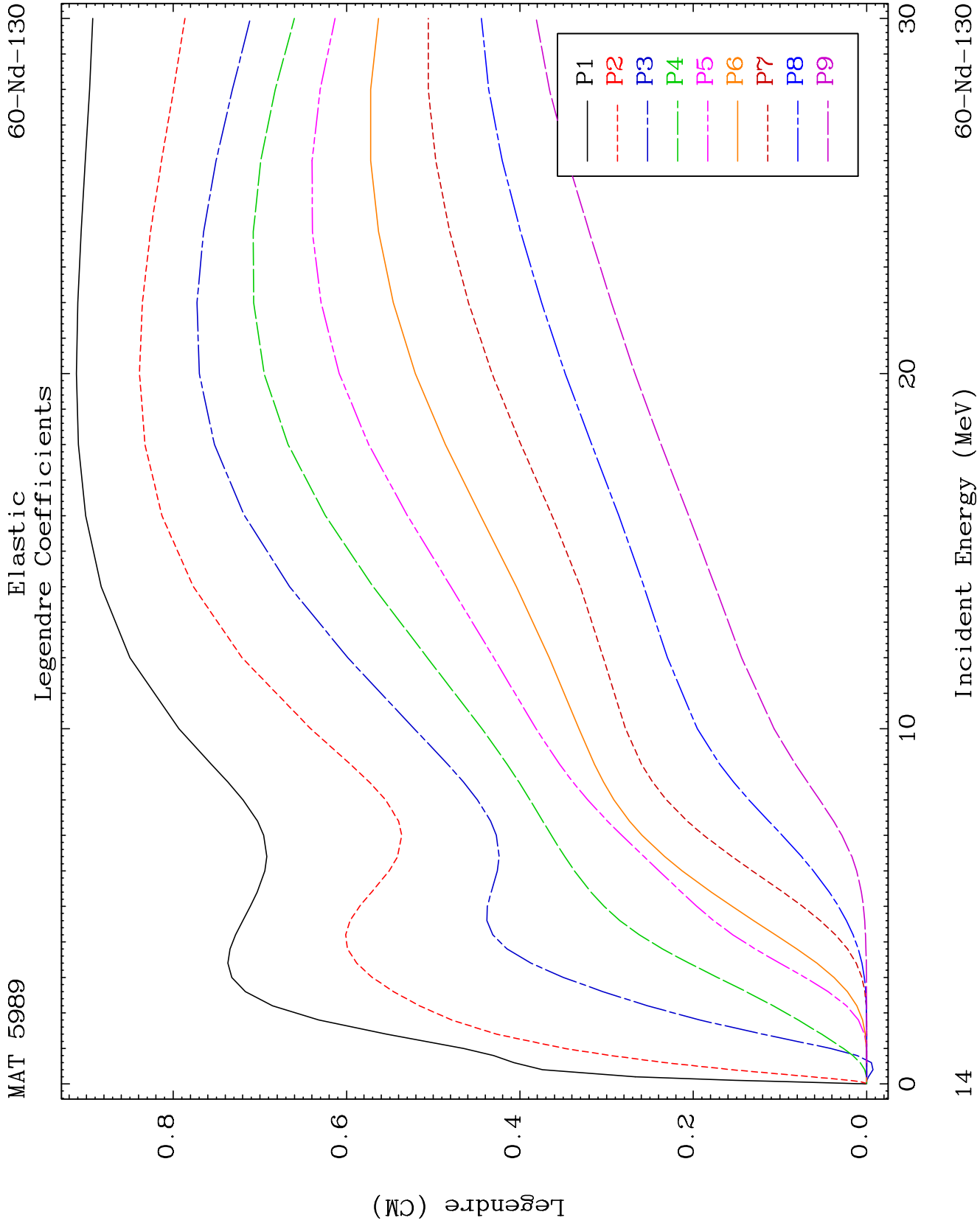
MAT 5989

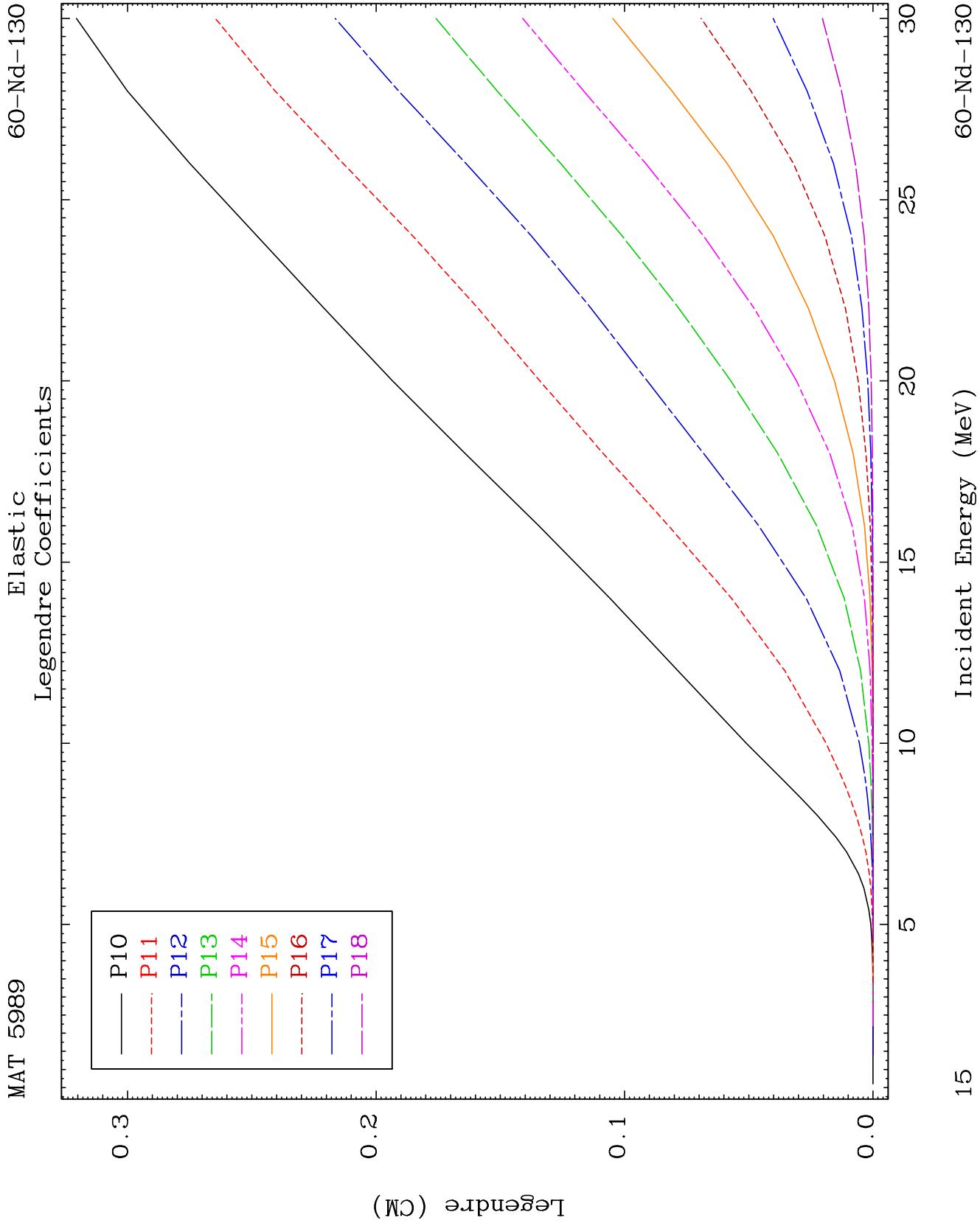
(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

60-Nd-130



13



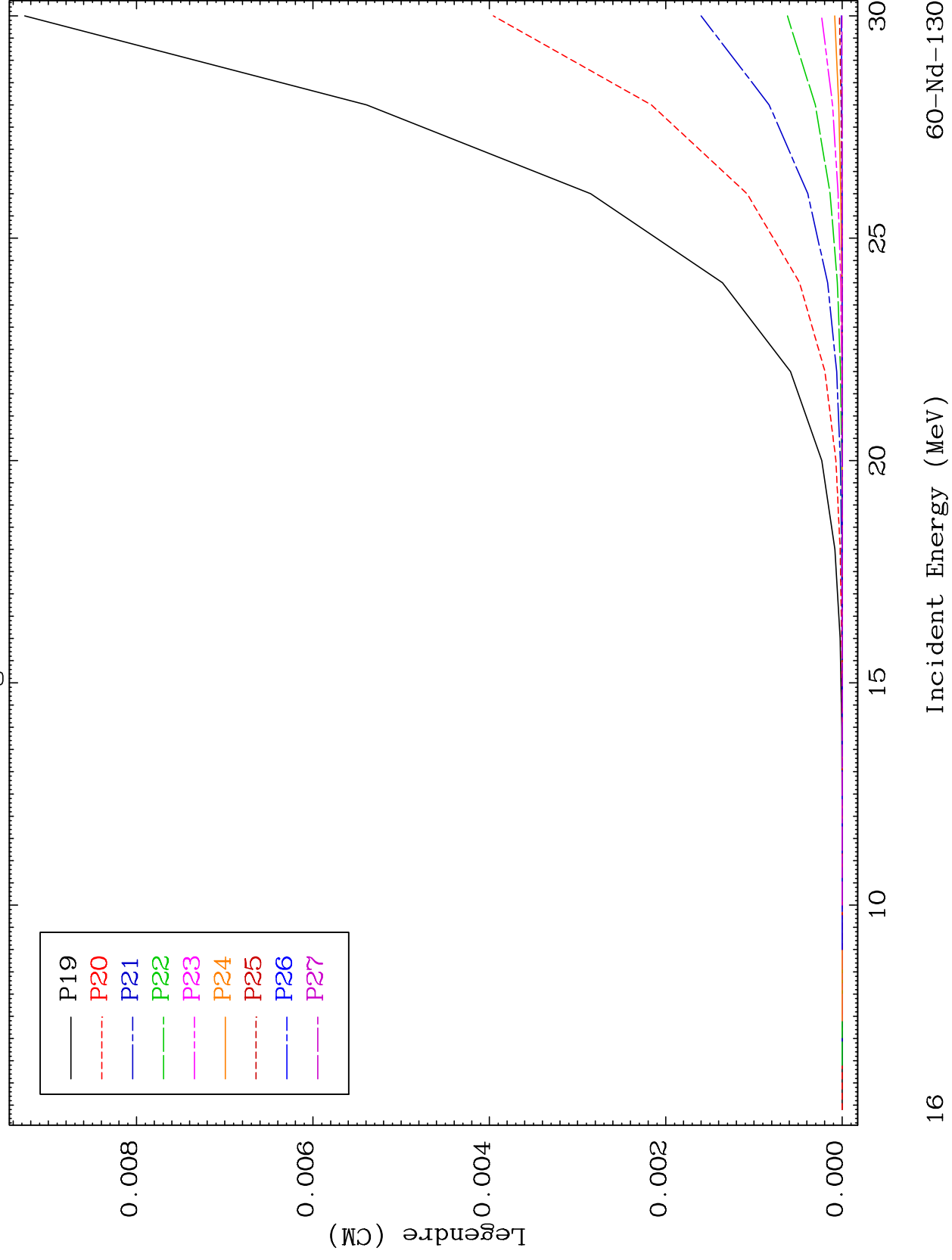


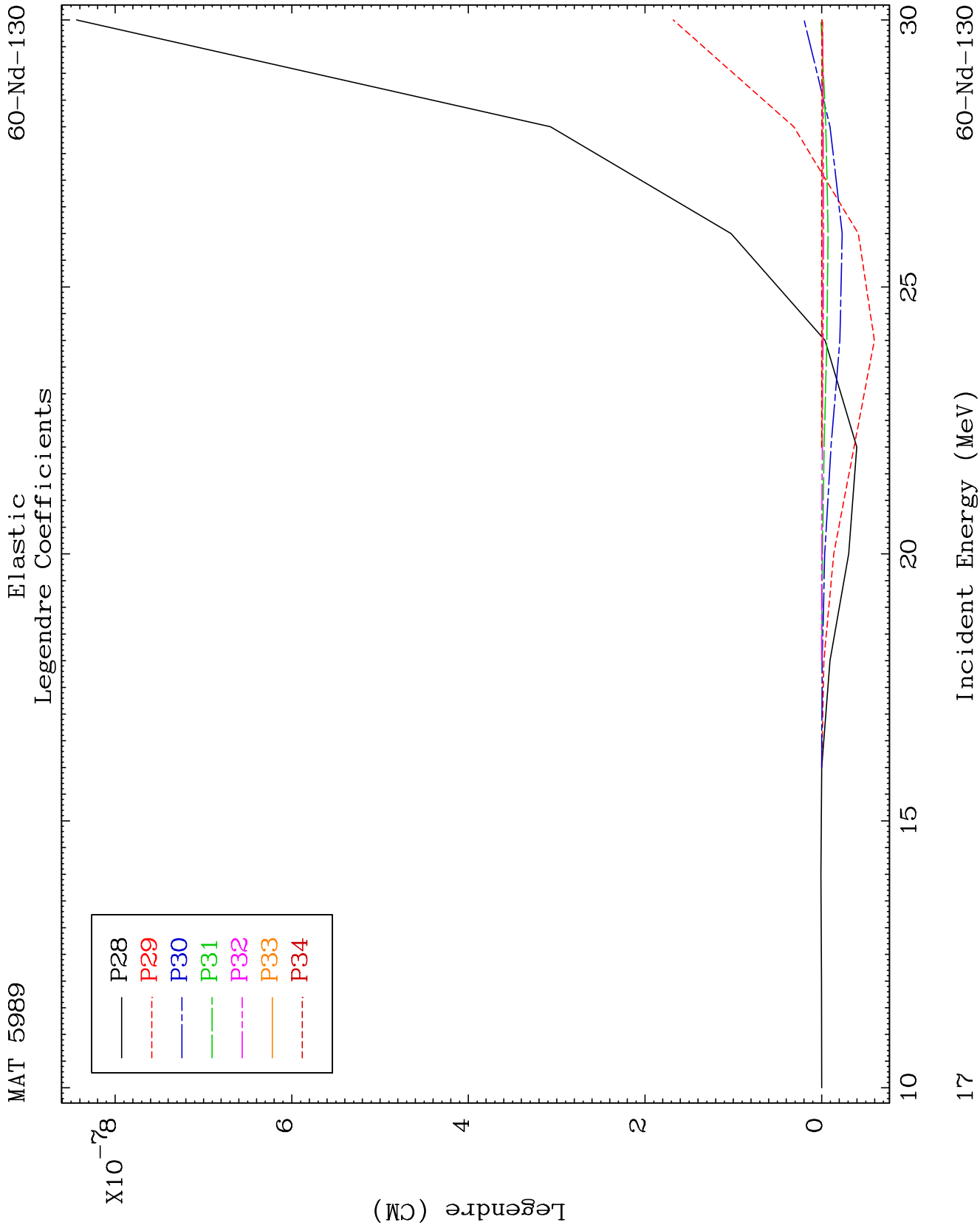


MAT 5989

## Elastic Legendre Coefficients

60-Nd-130

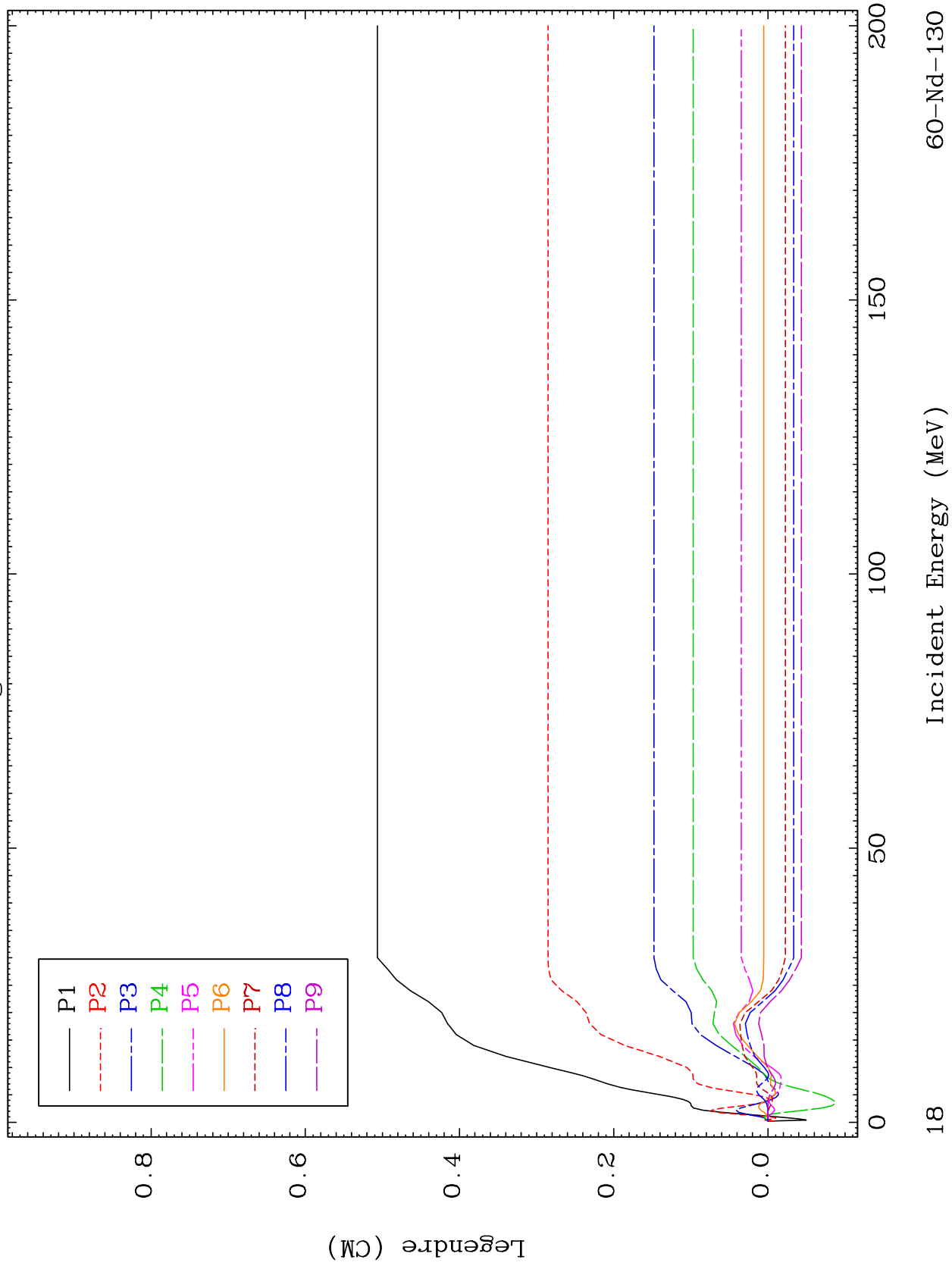


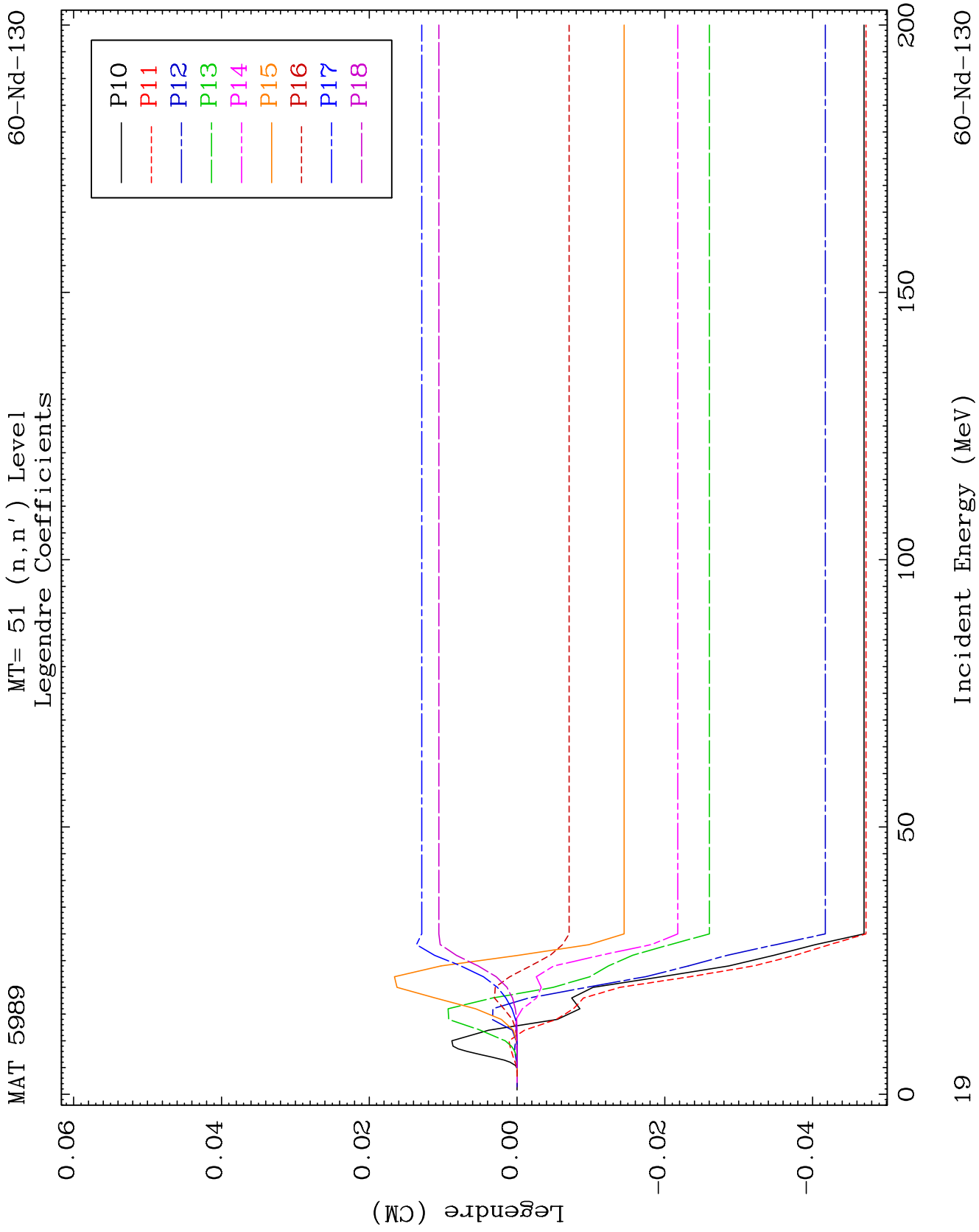


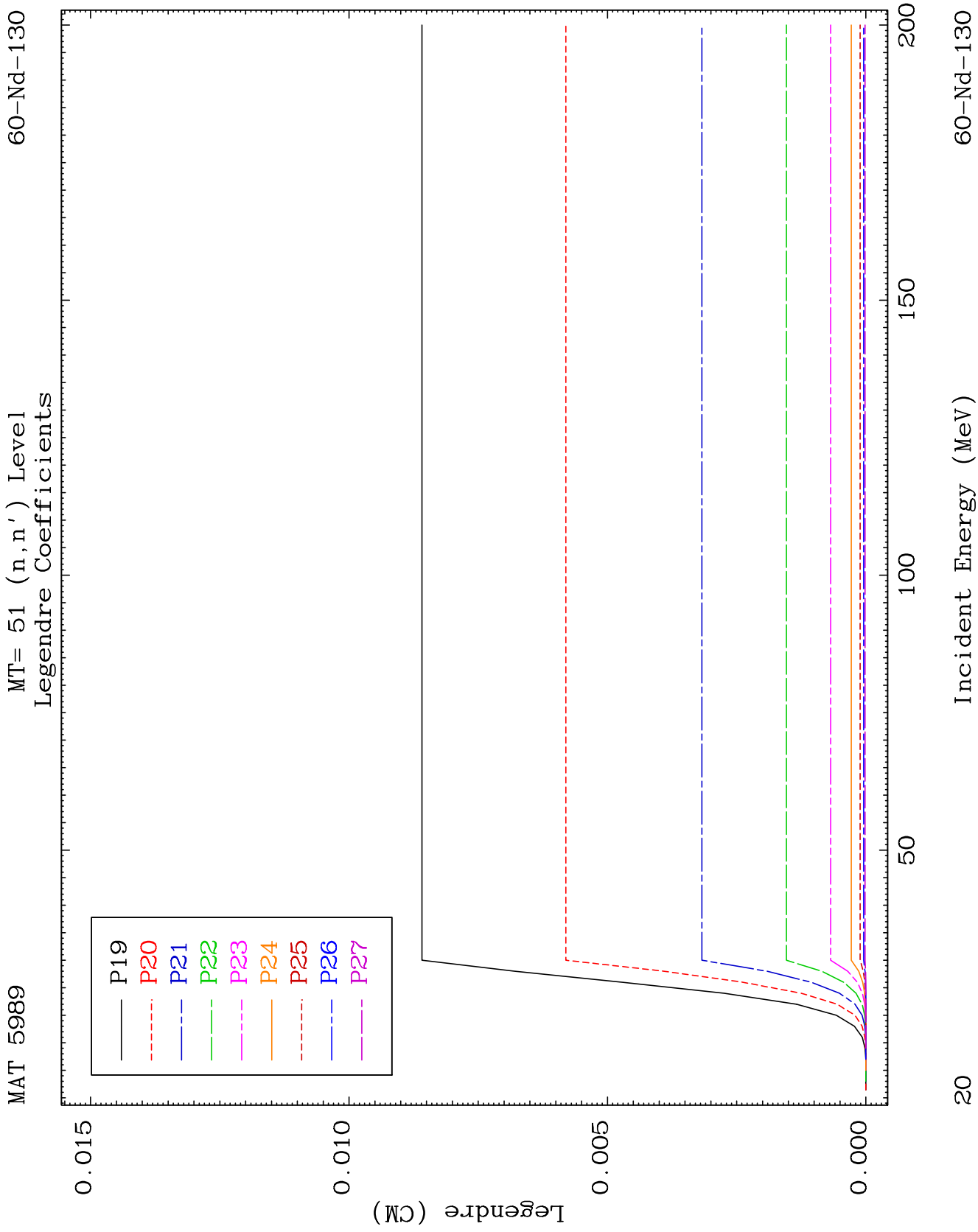
MAT 5989

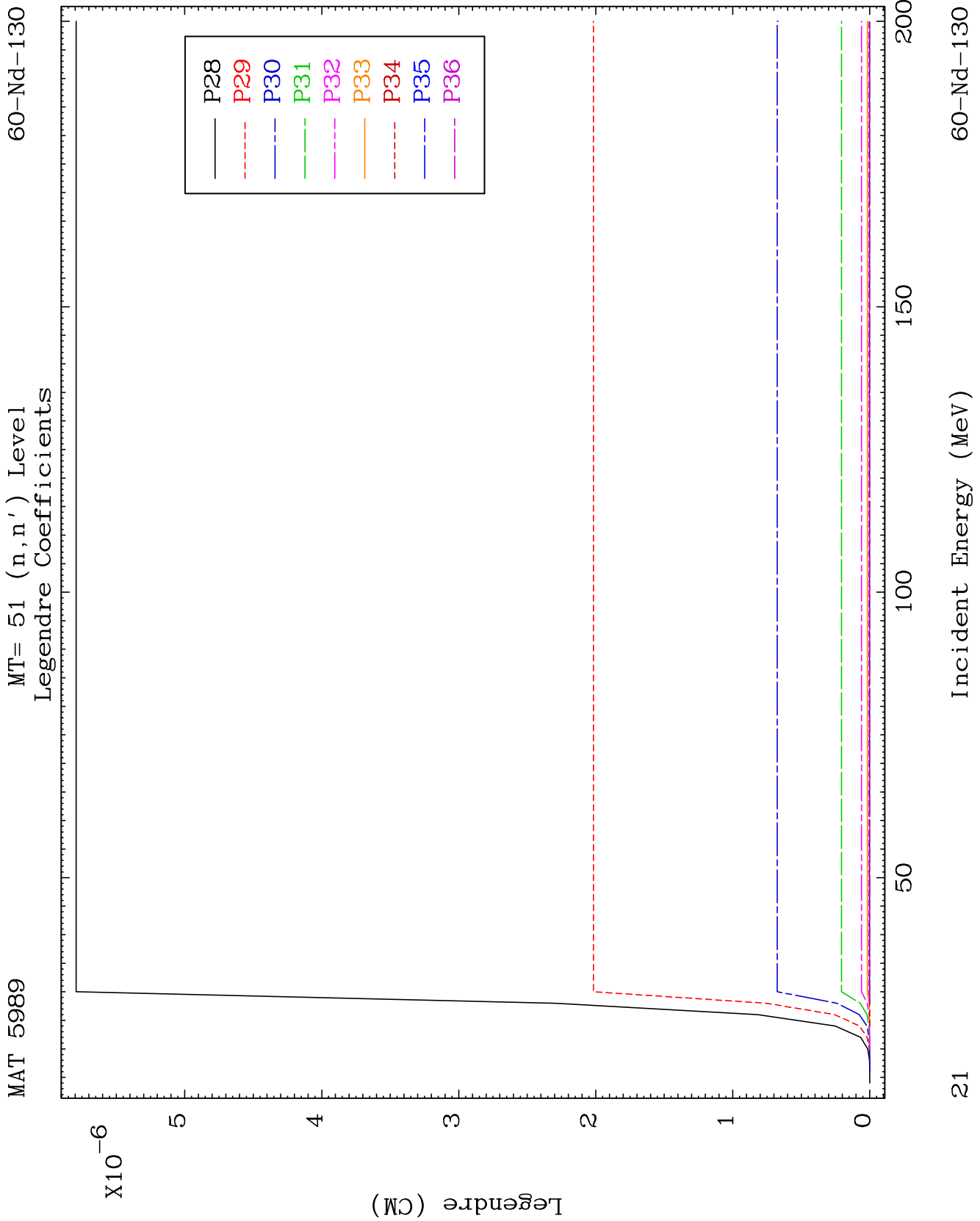
MT= 51 (n, n') Level  
Legendre Coefficients

60-Nd-130





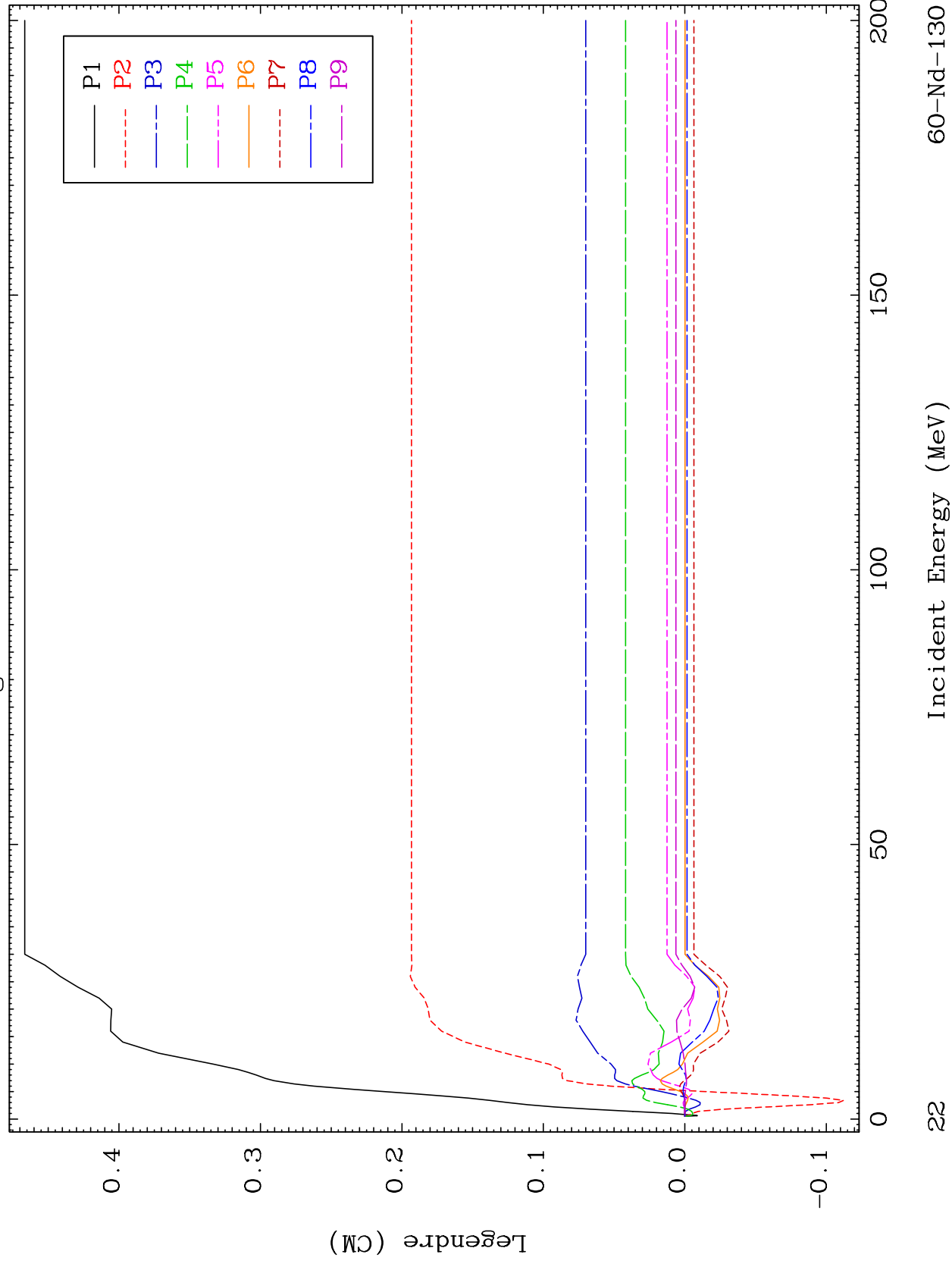




MAT 5989

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

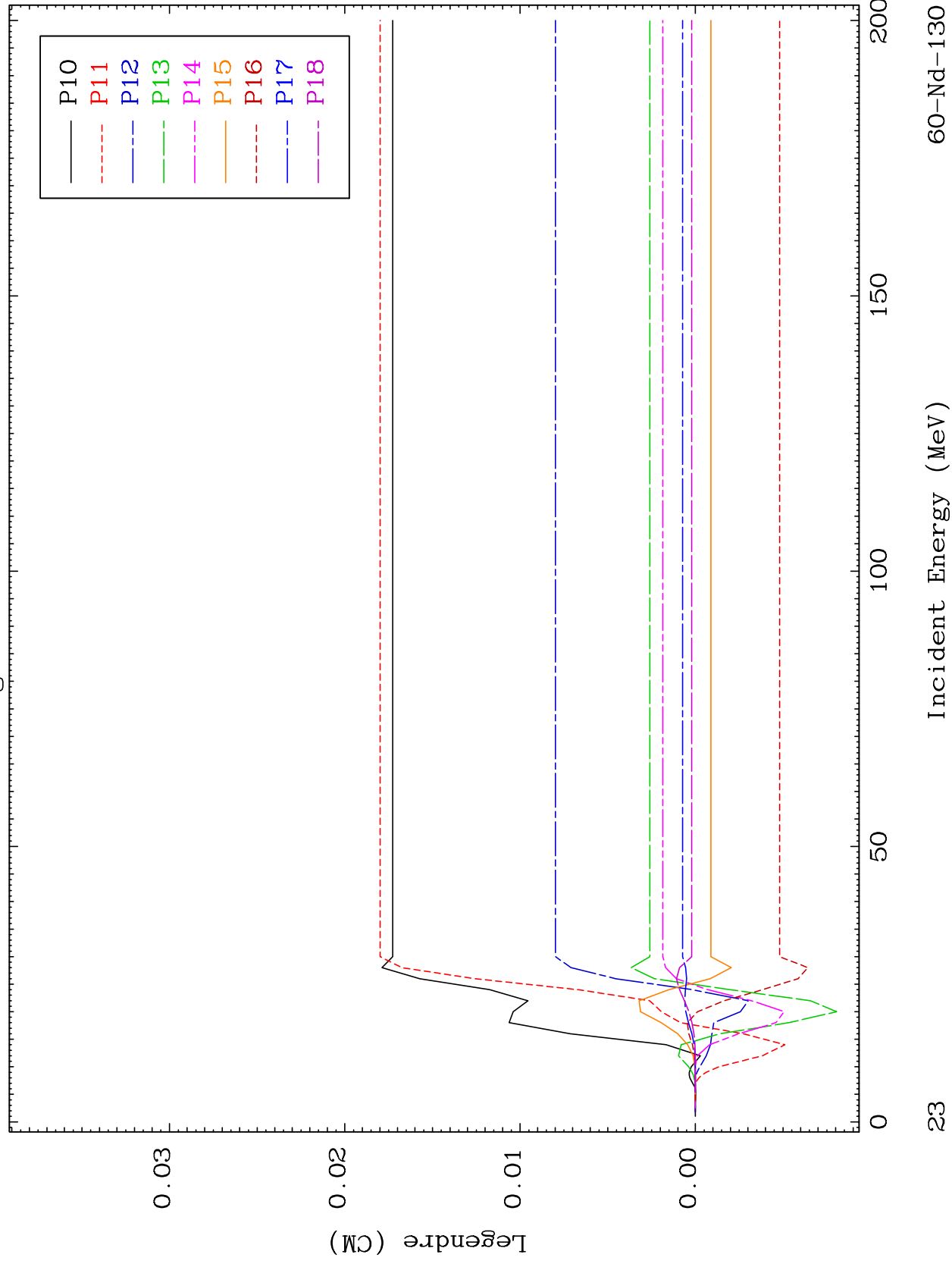
60-Nd-130



MAT 5989

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

60-Nd-130

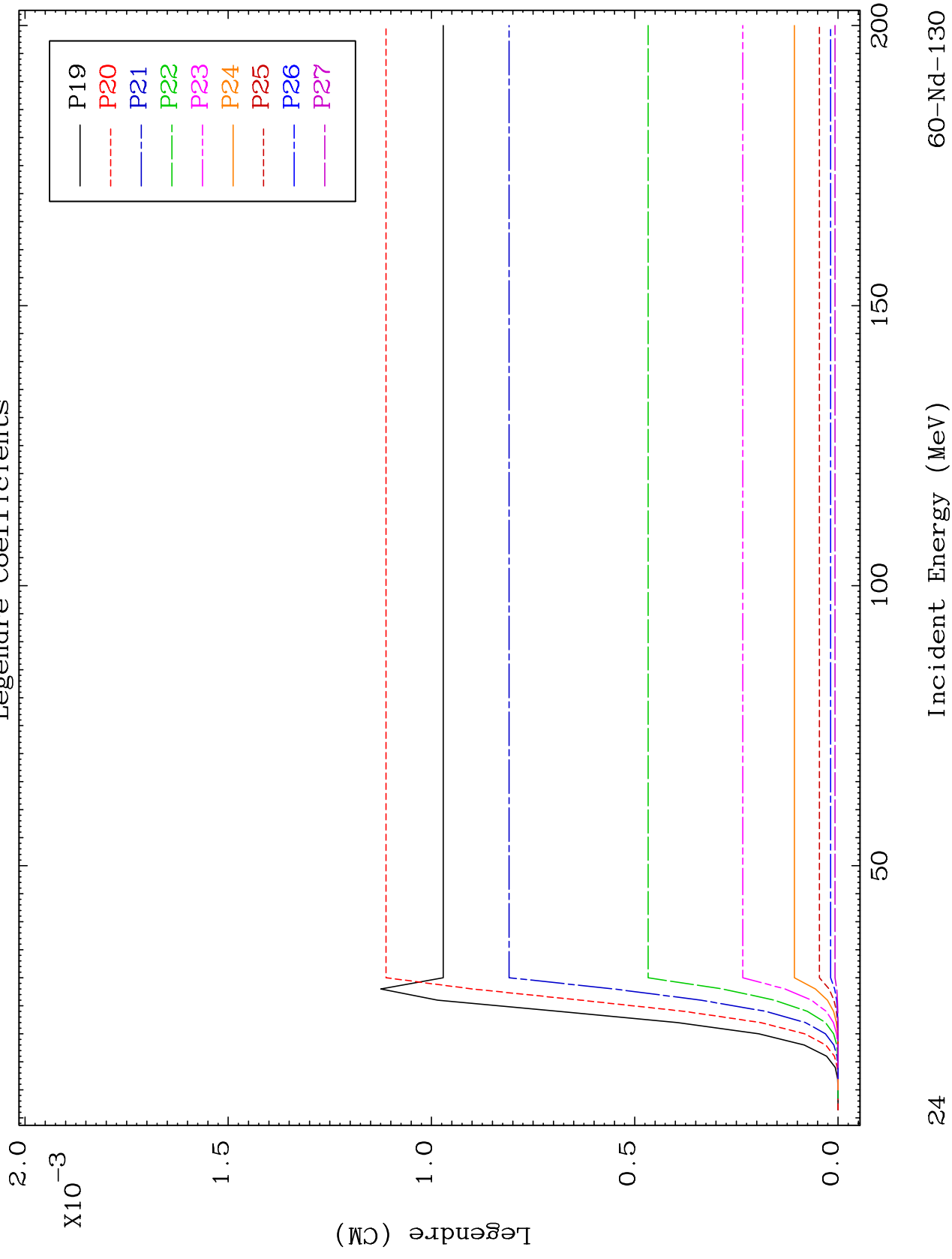


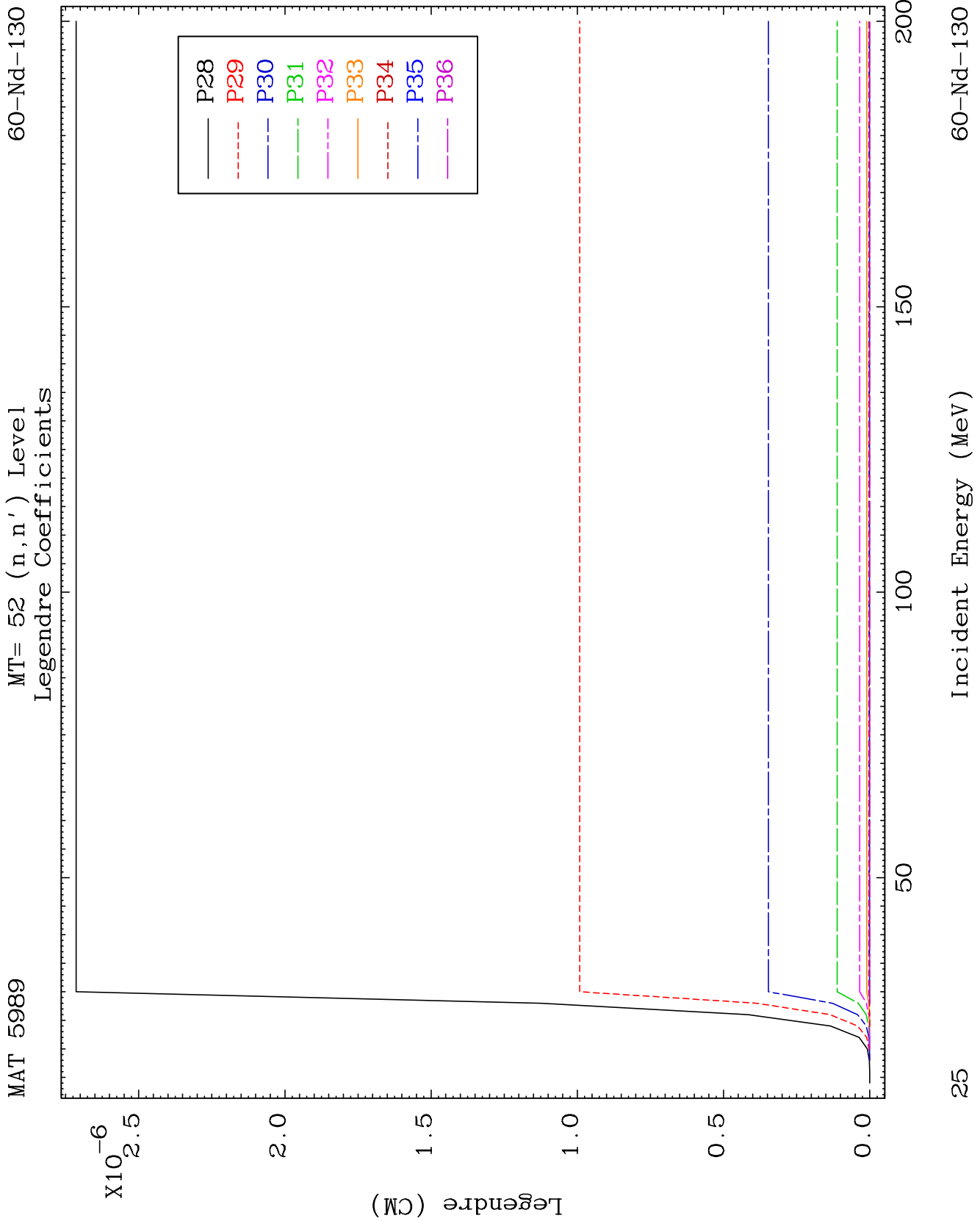


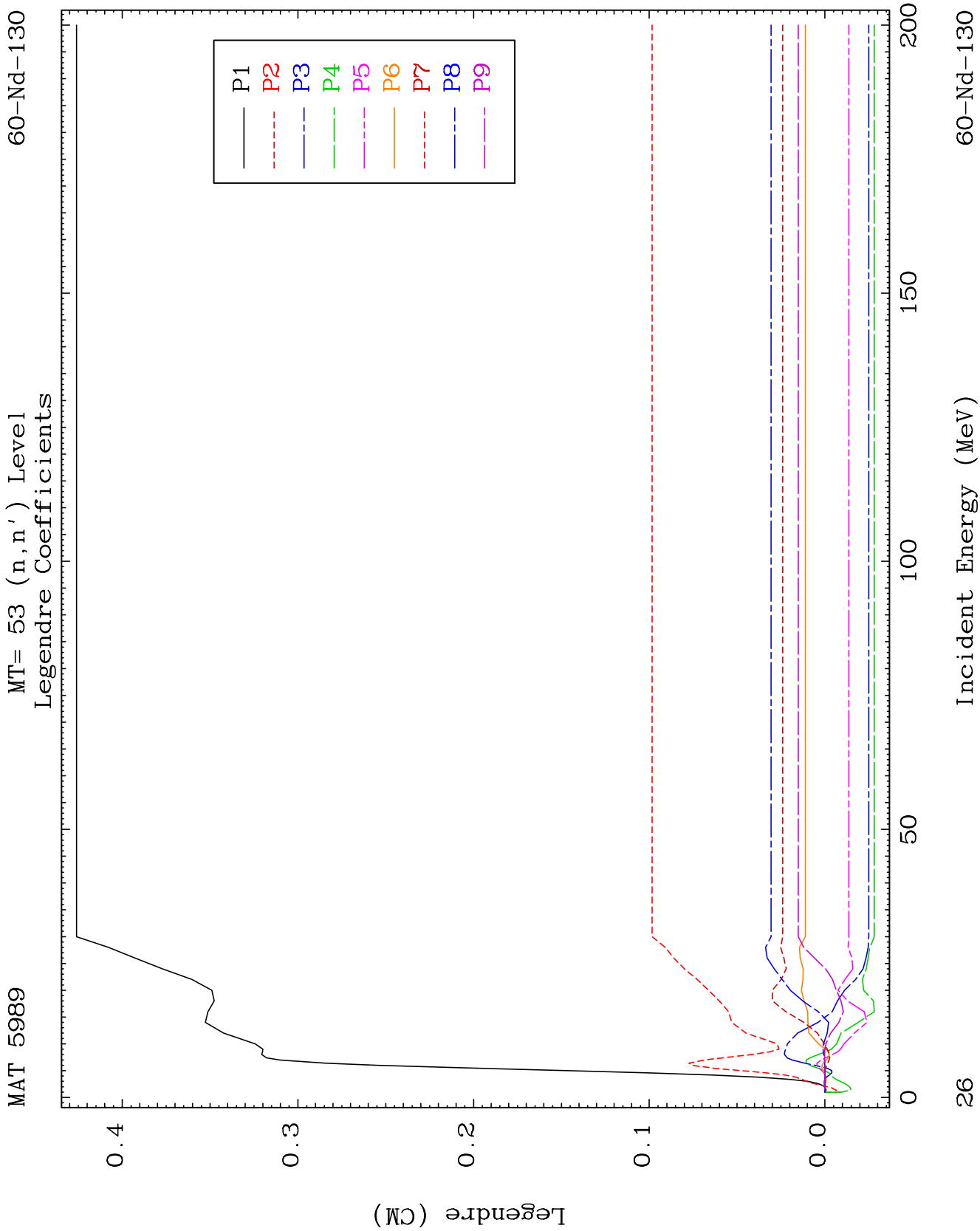
MAT 5989

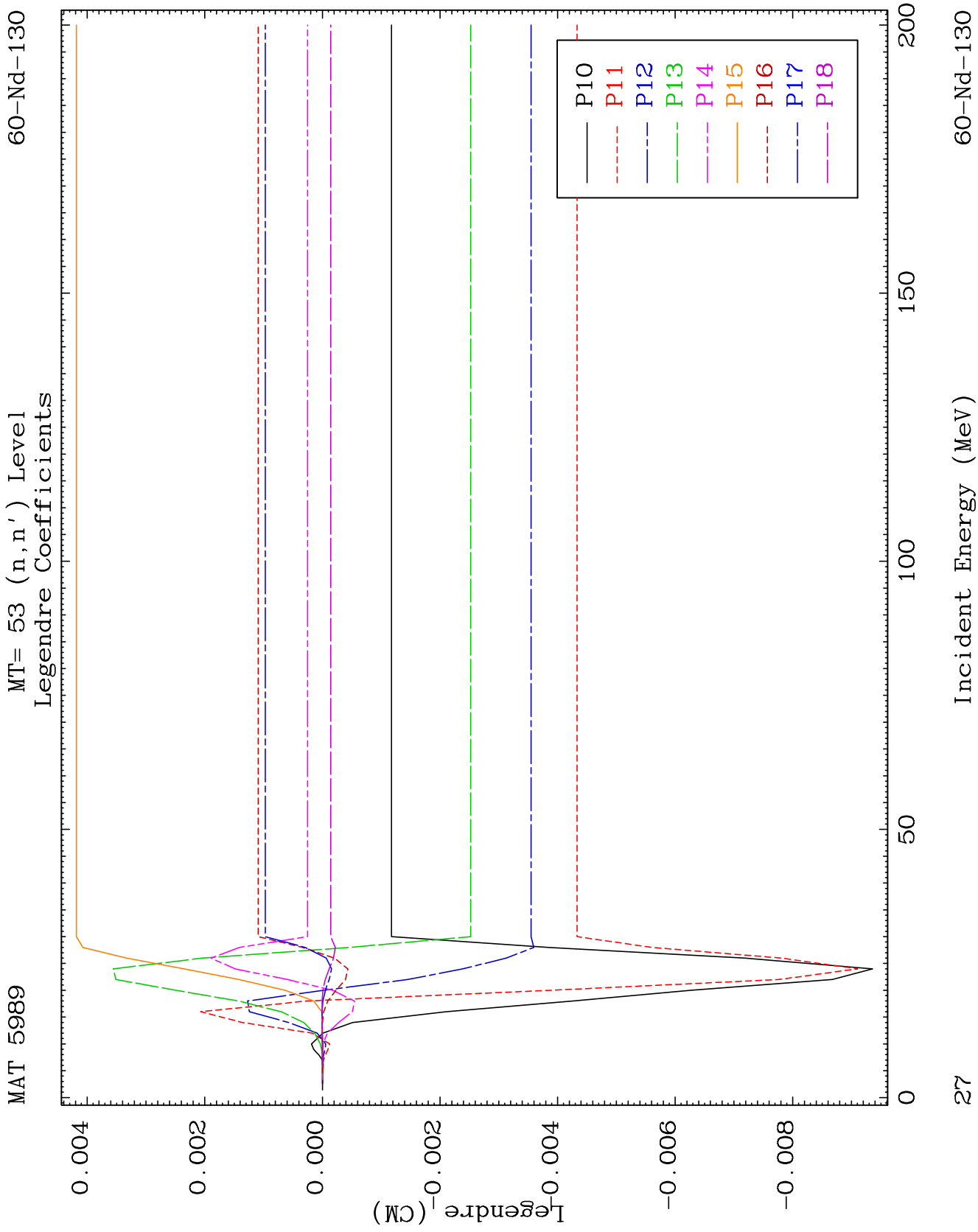
MT= 52 (n, n') Level  
Legendre Coefficients

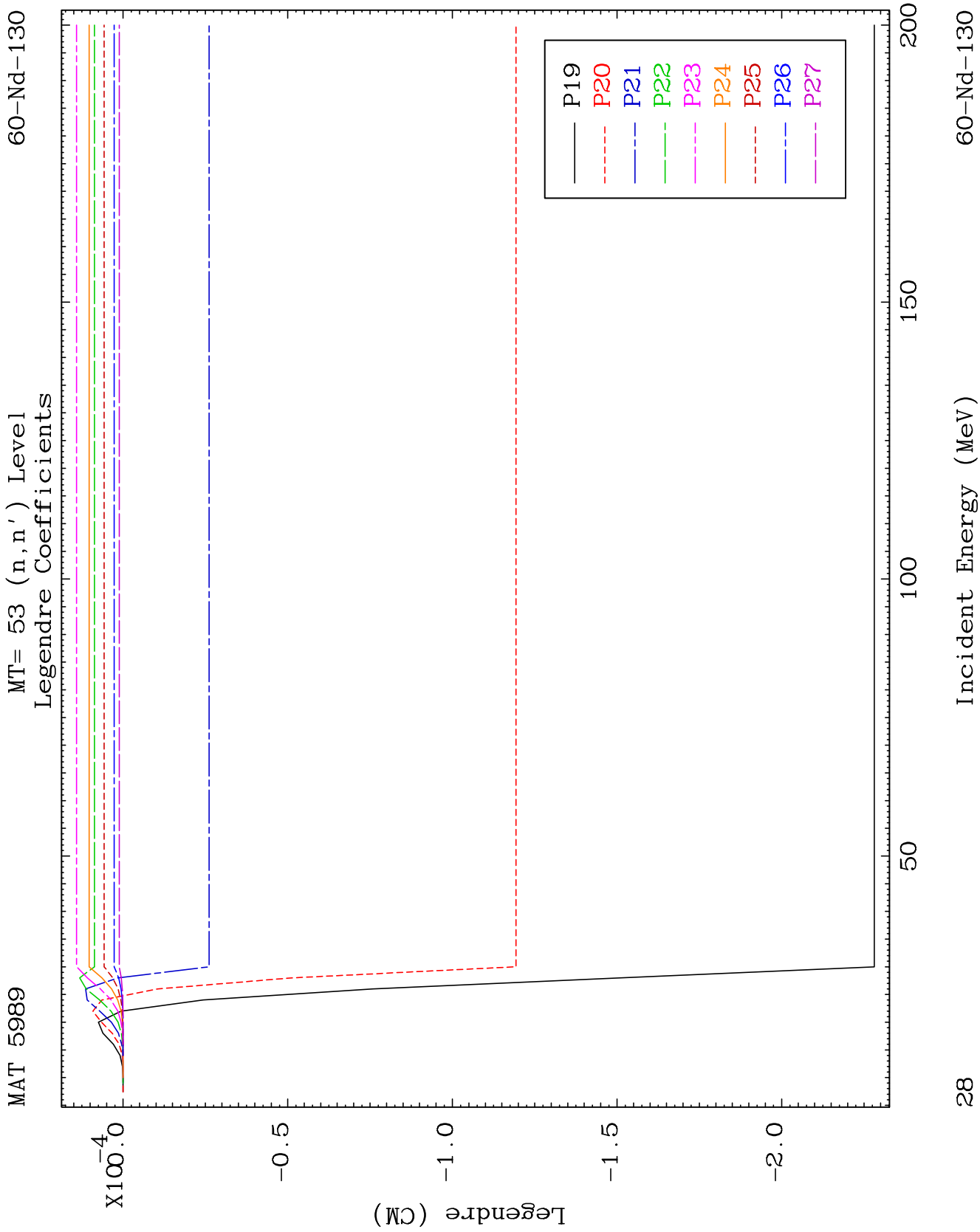
60-Nd-130

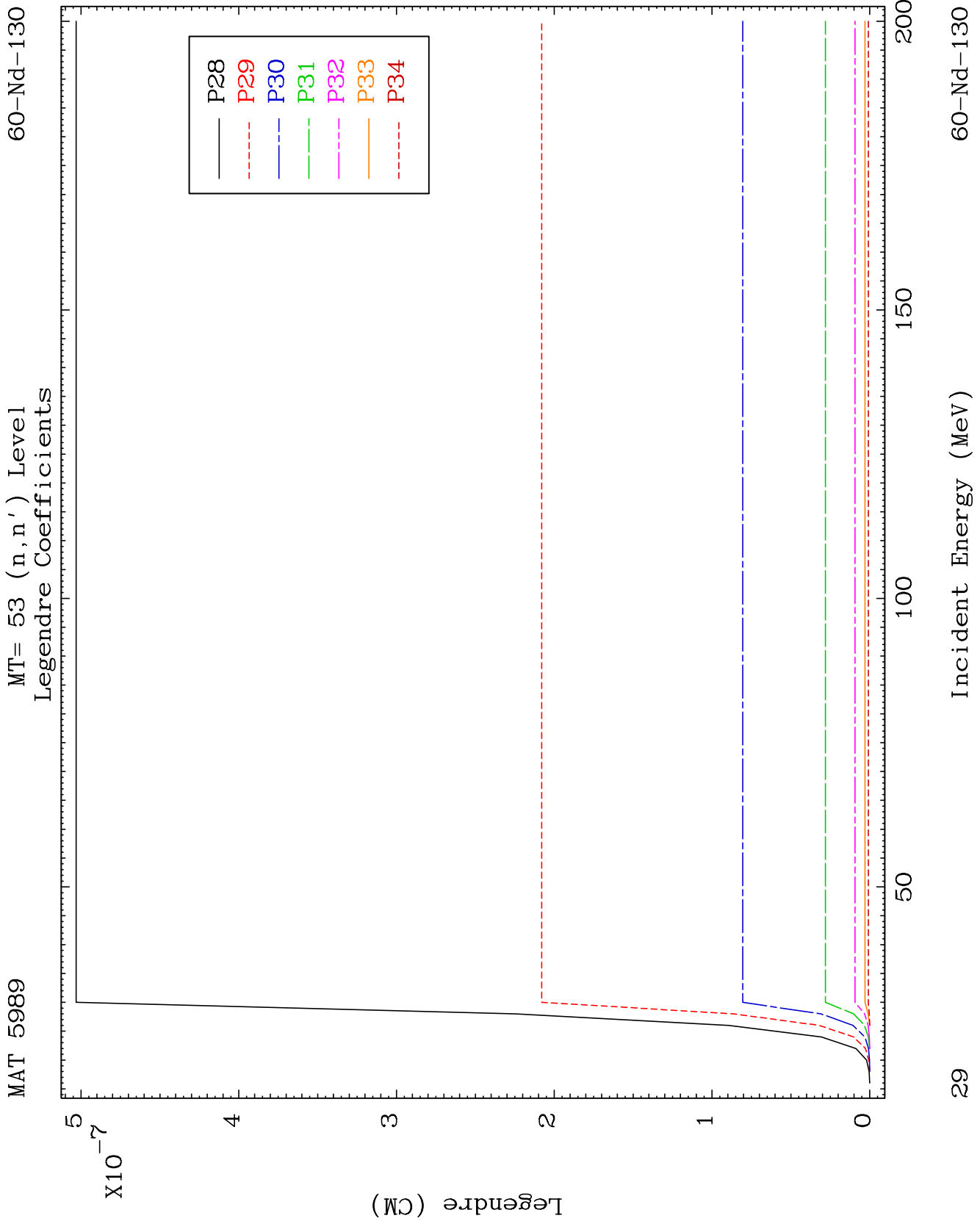


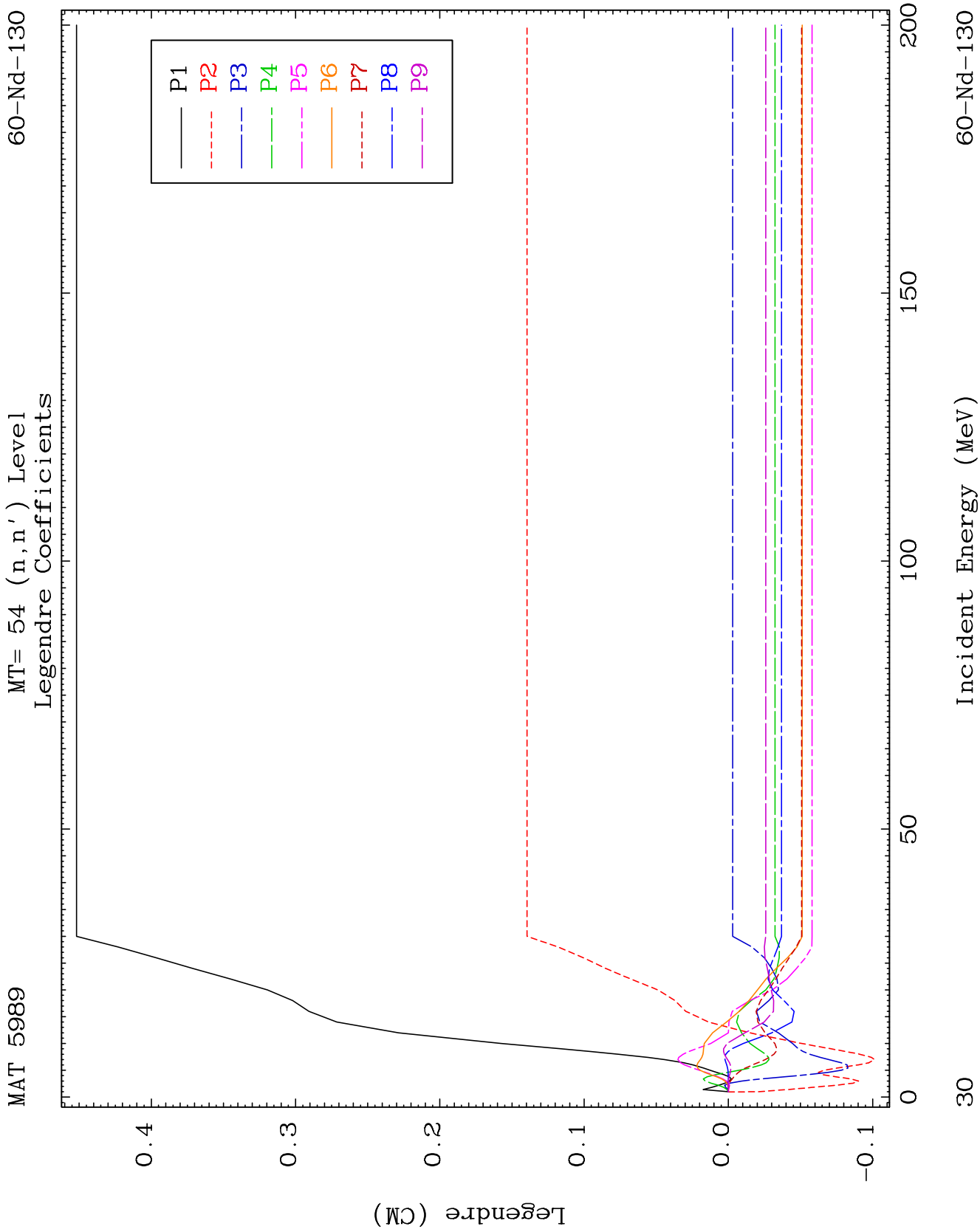












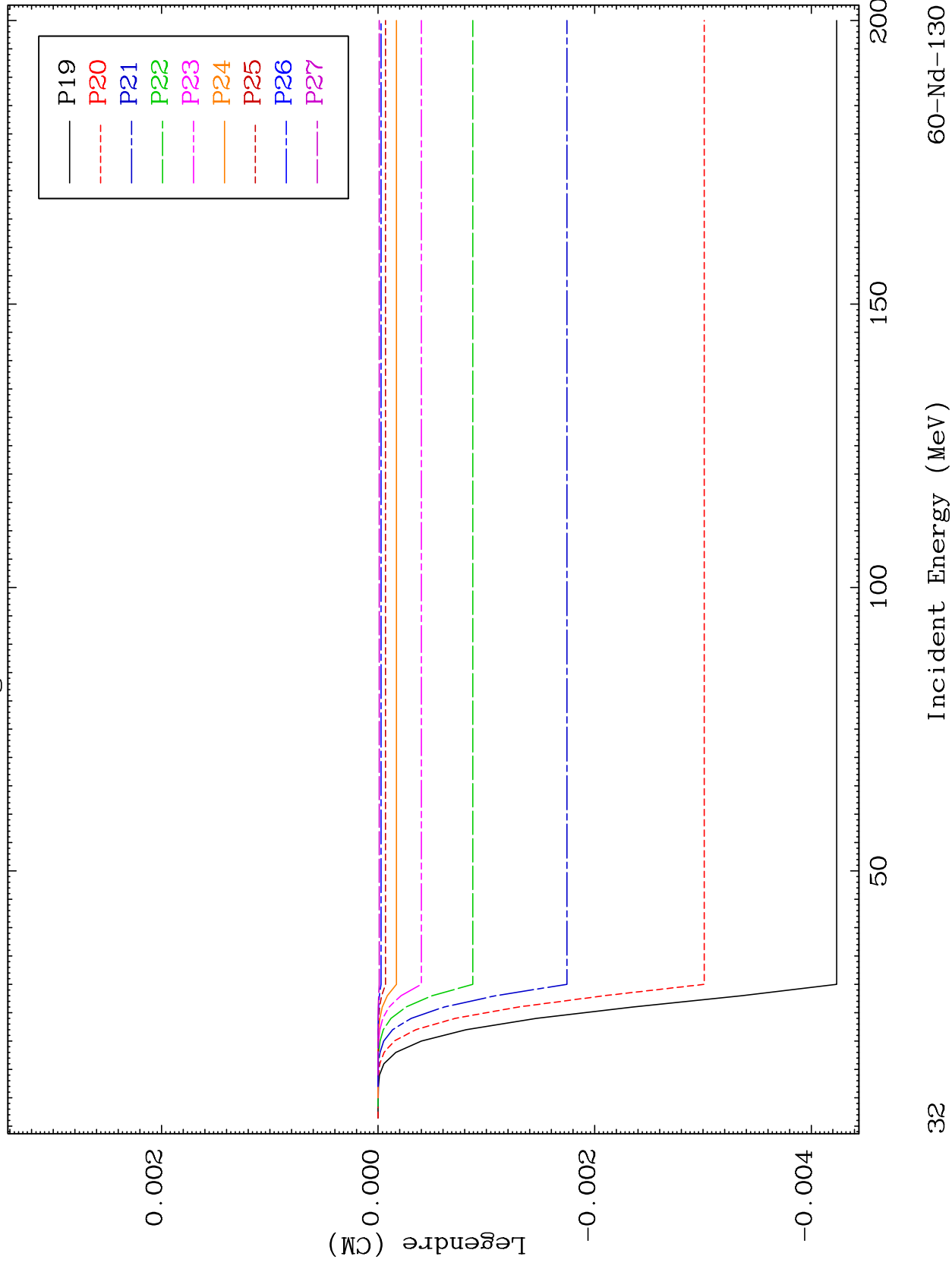


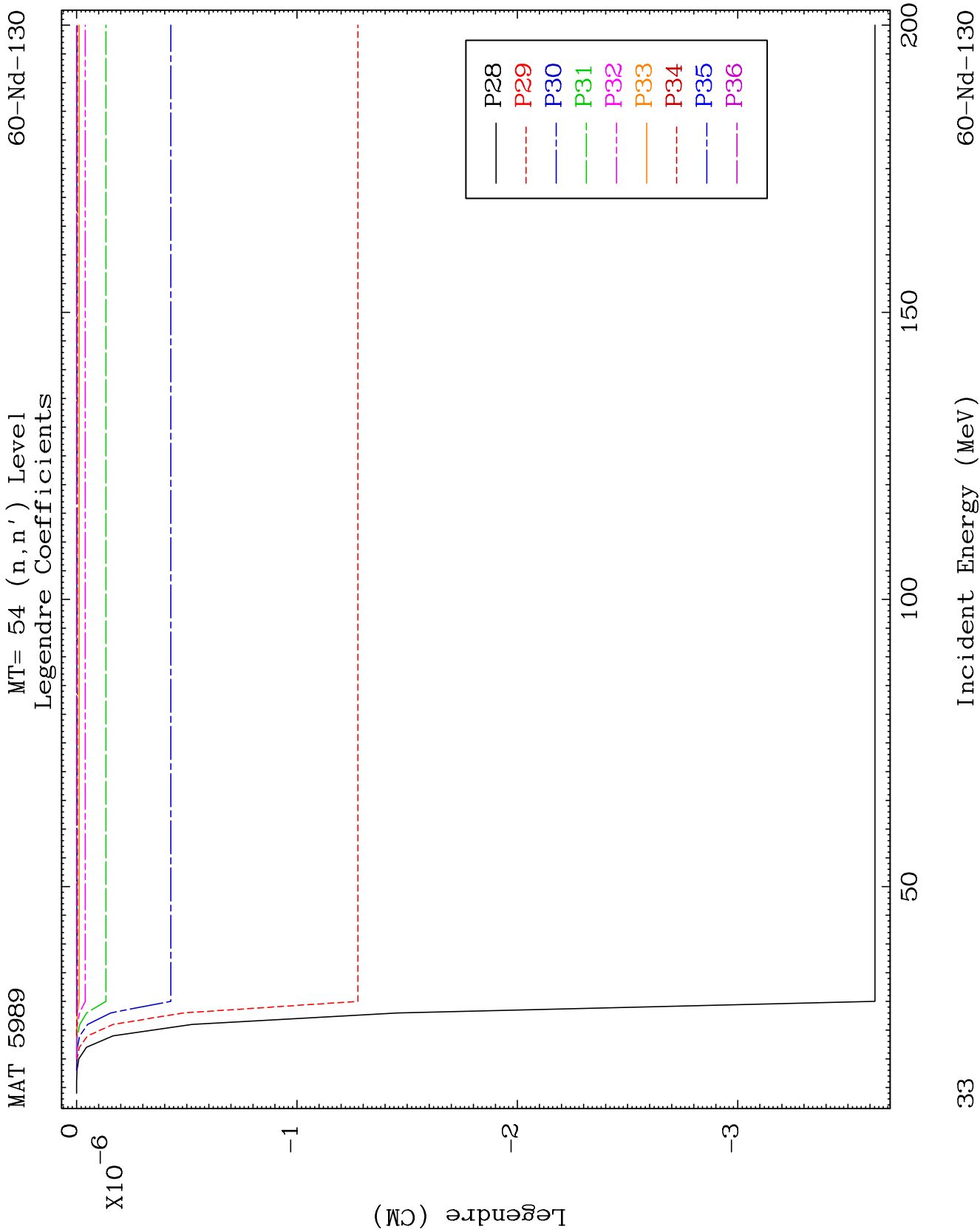


MAT 5989

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

60-Nd-130

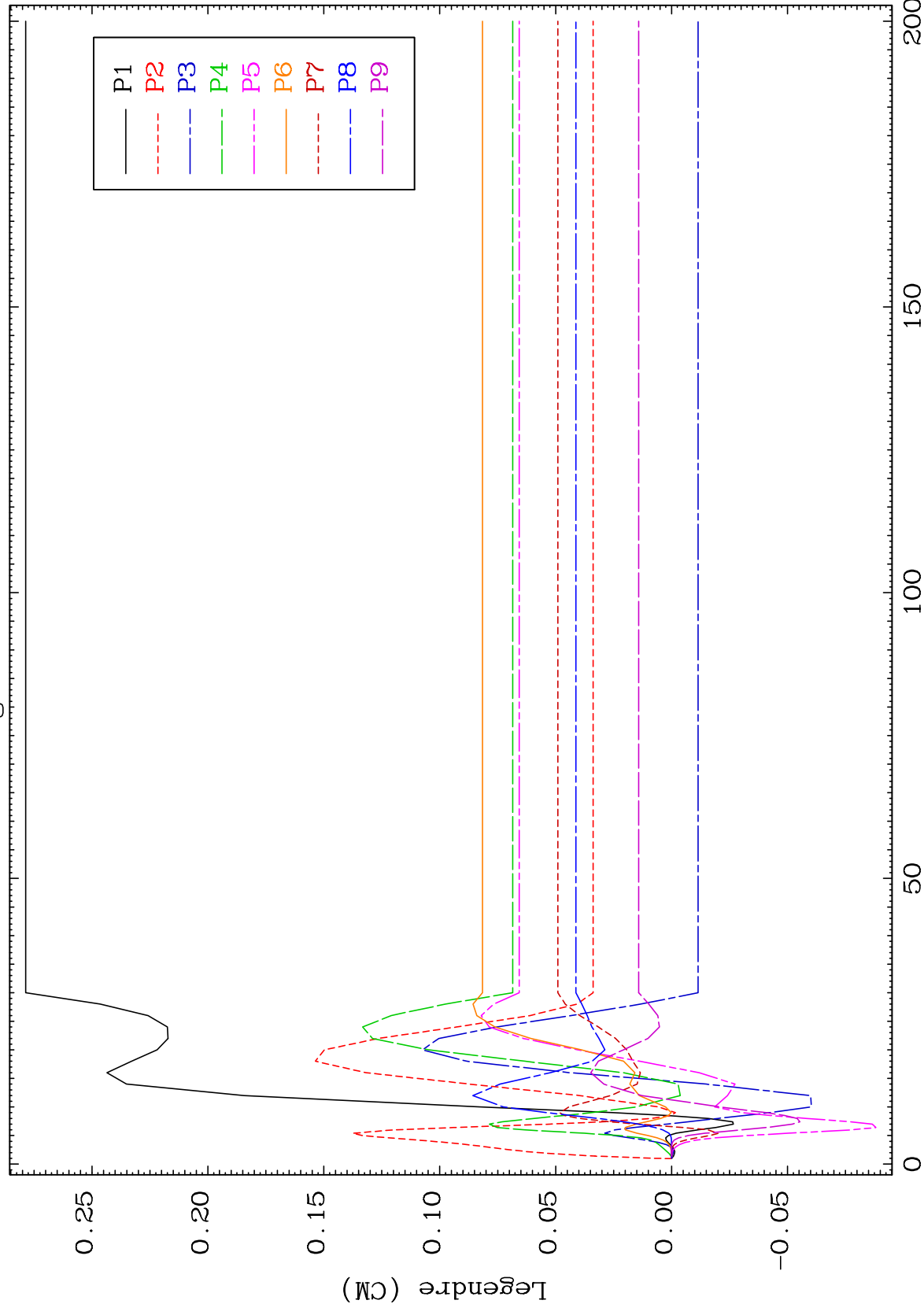




MAT 5989

MT= 55 (n, n') Level  
Legendre Coefficients

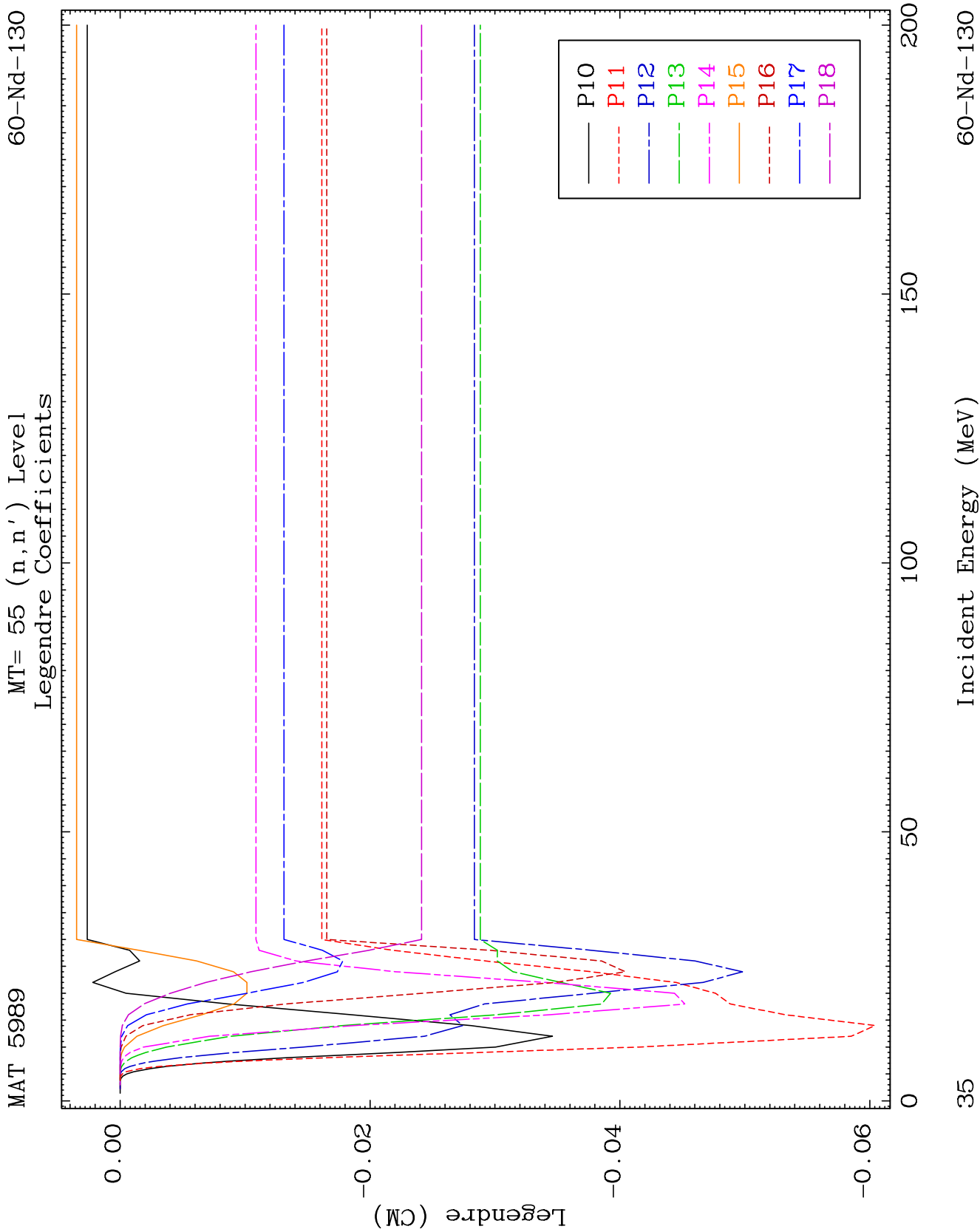
60-Nd-130

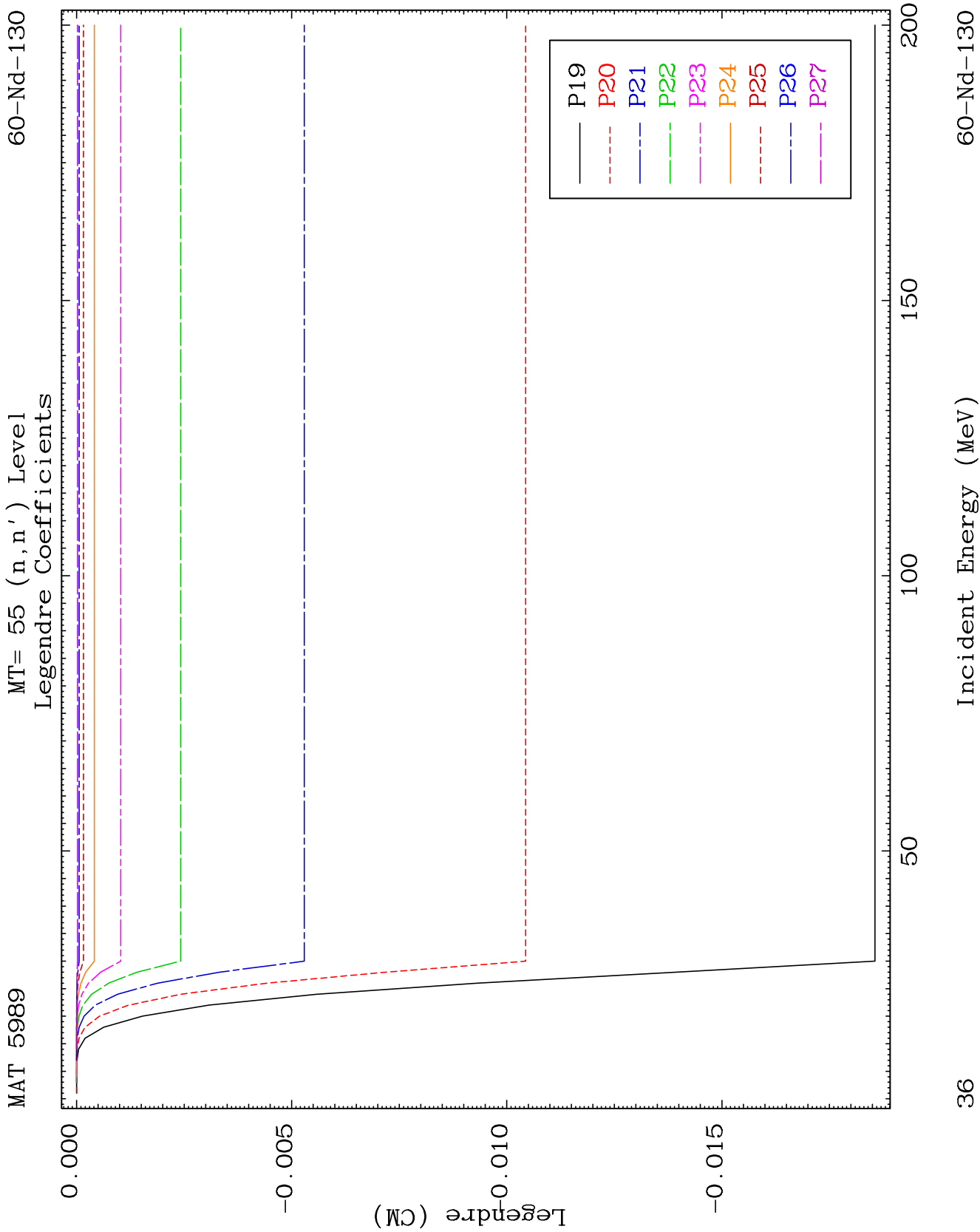


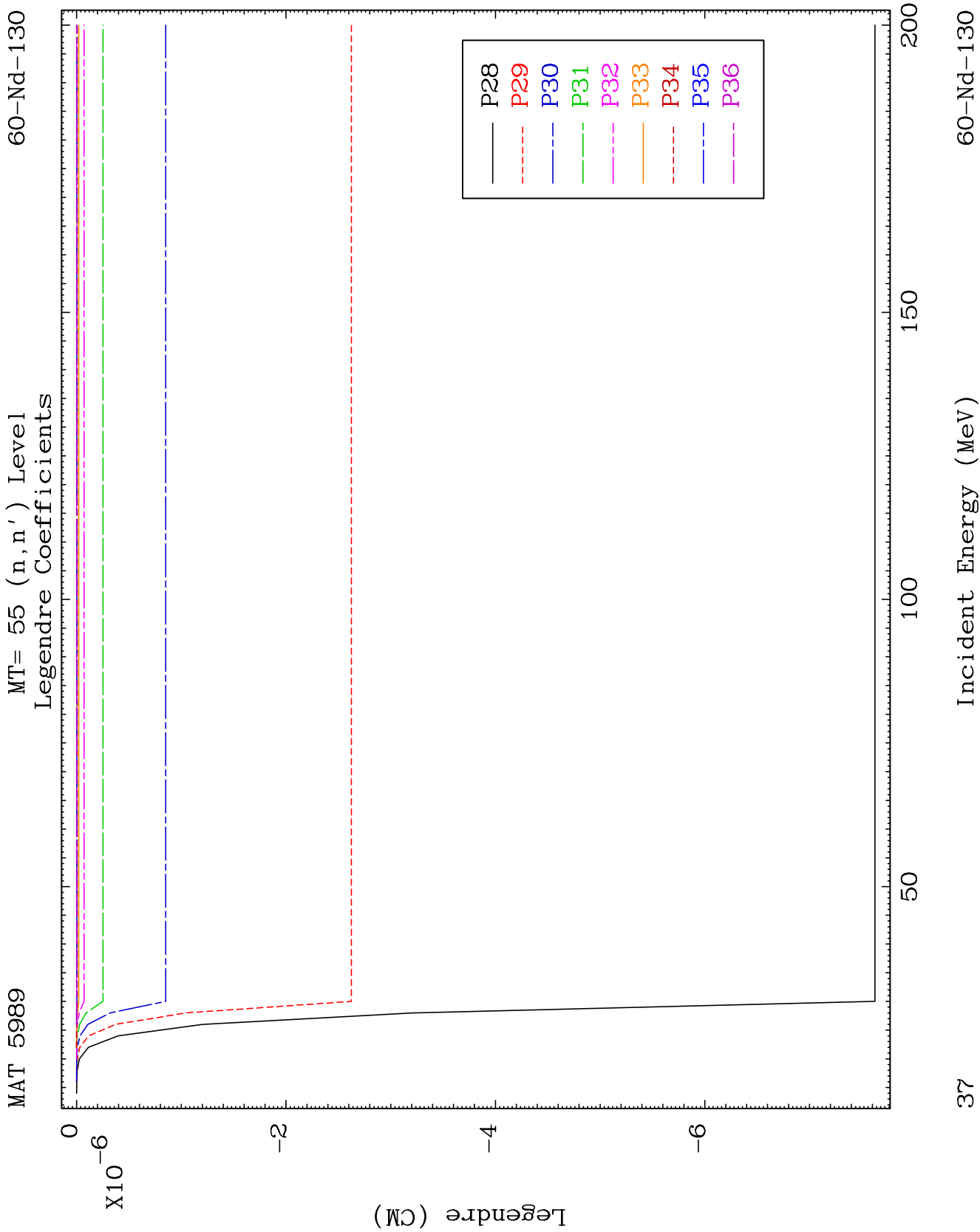
34

Incident Energy (MeV)

60-Nd-130



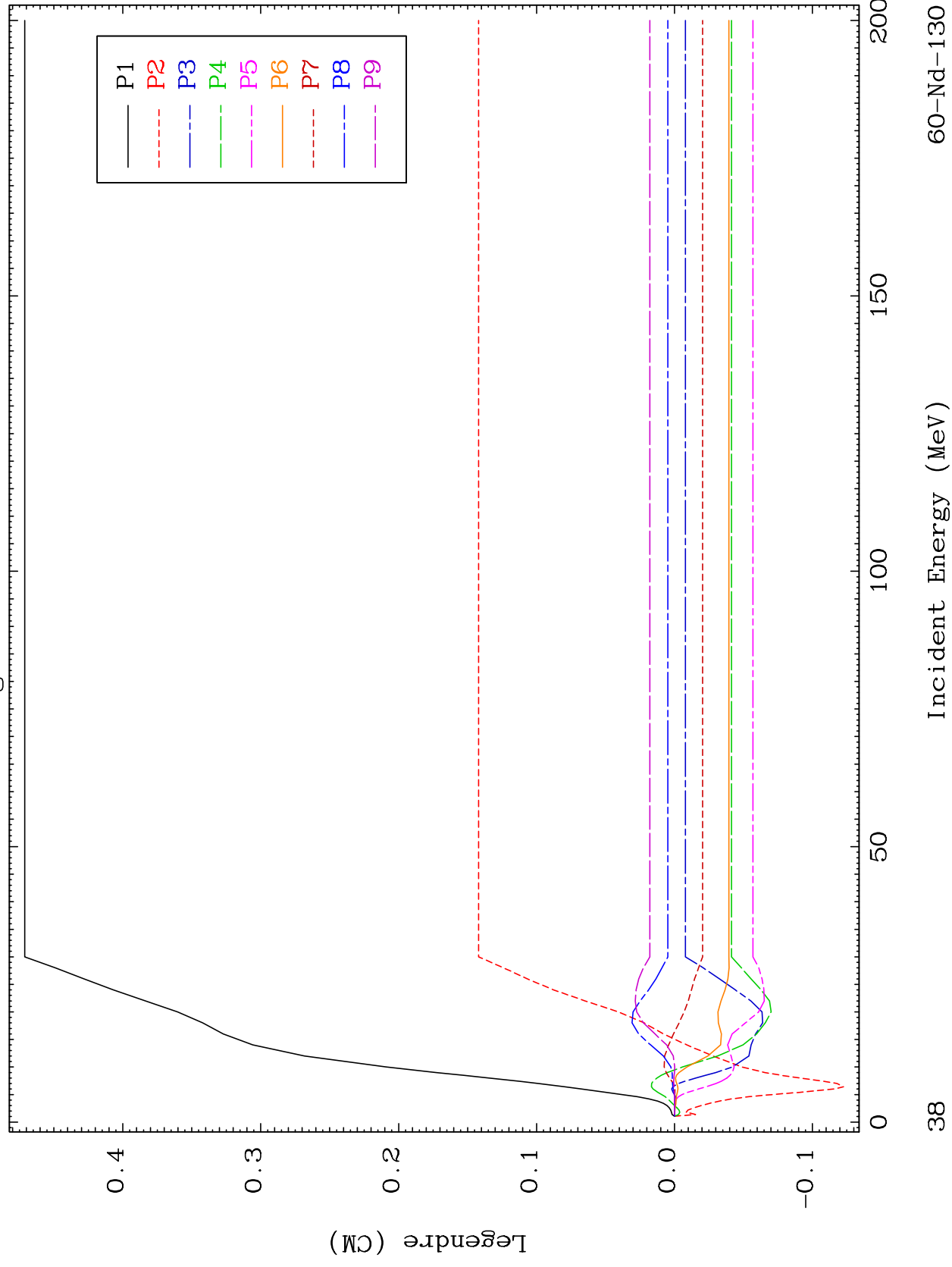


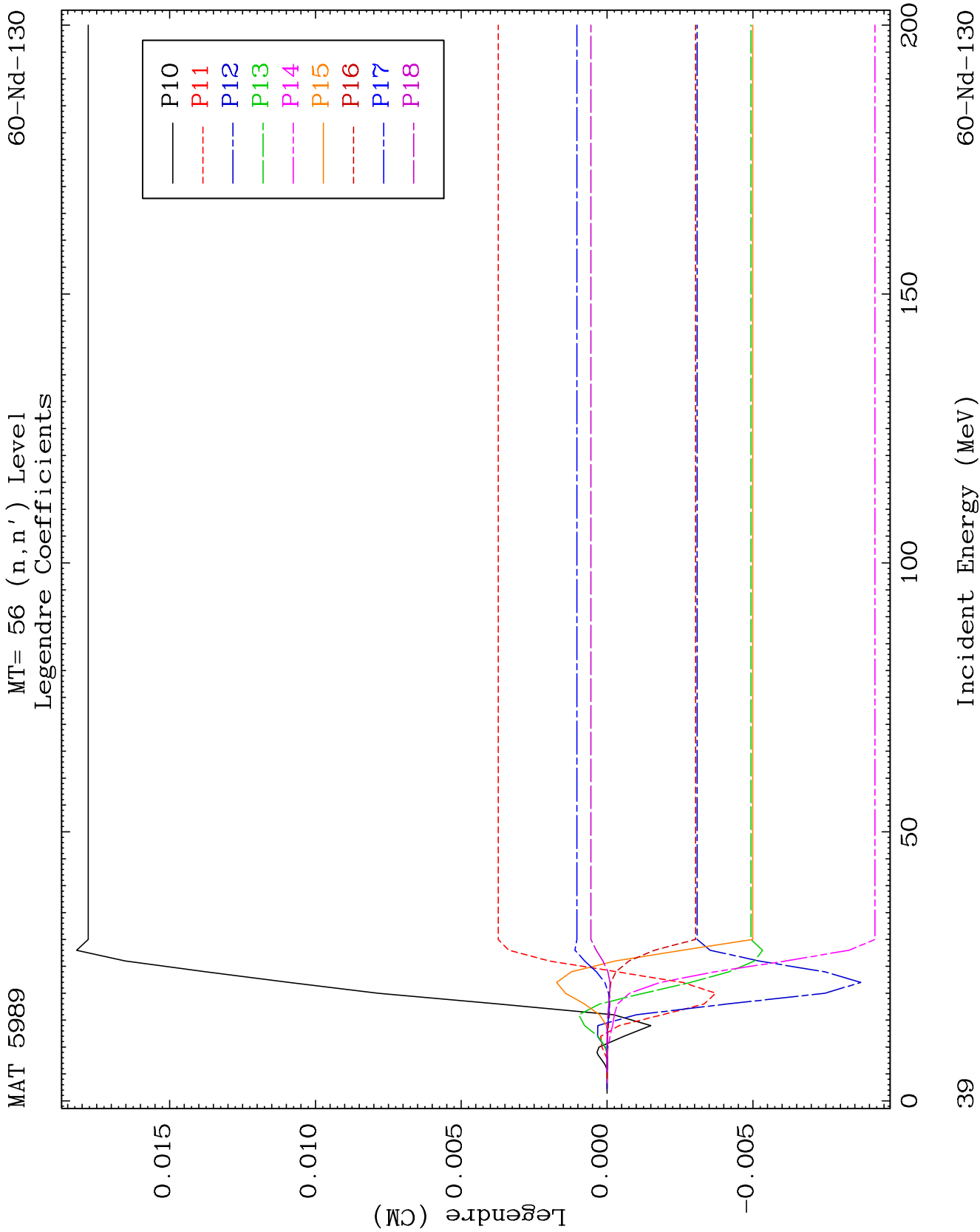


MAT 5989

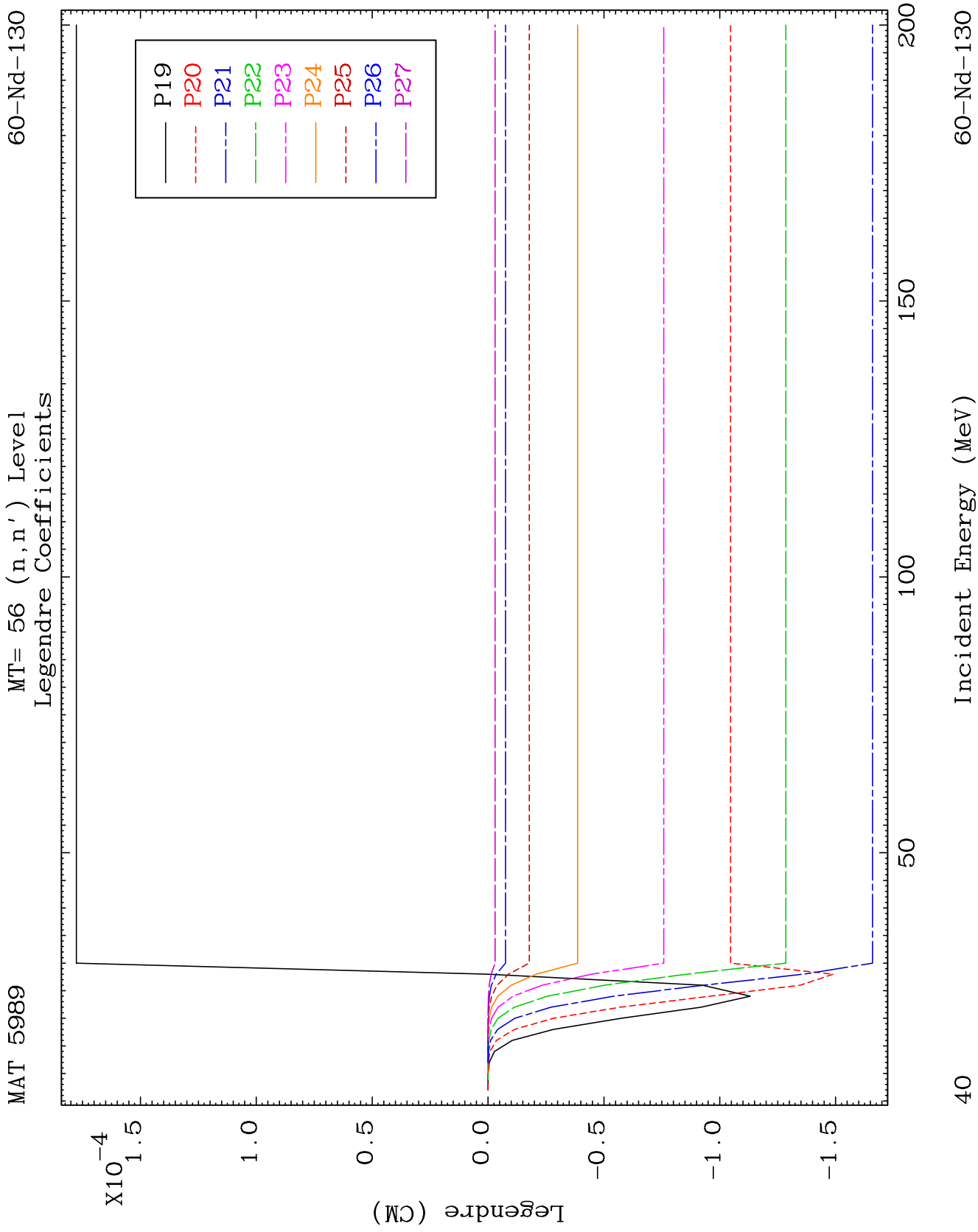
MT= 56 (n, n') Level  
Legendre Coefficients

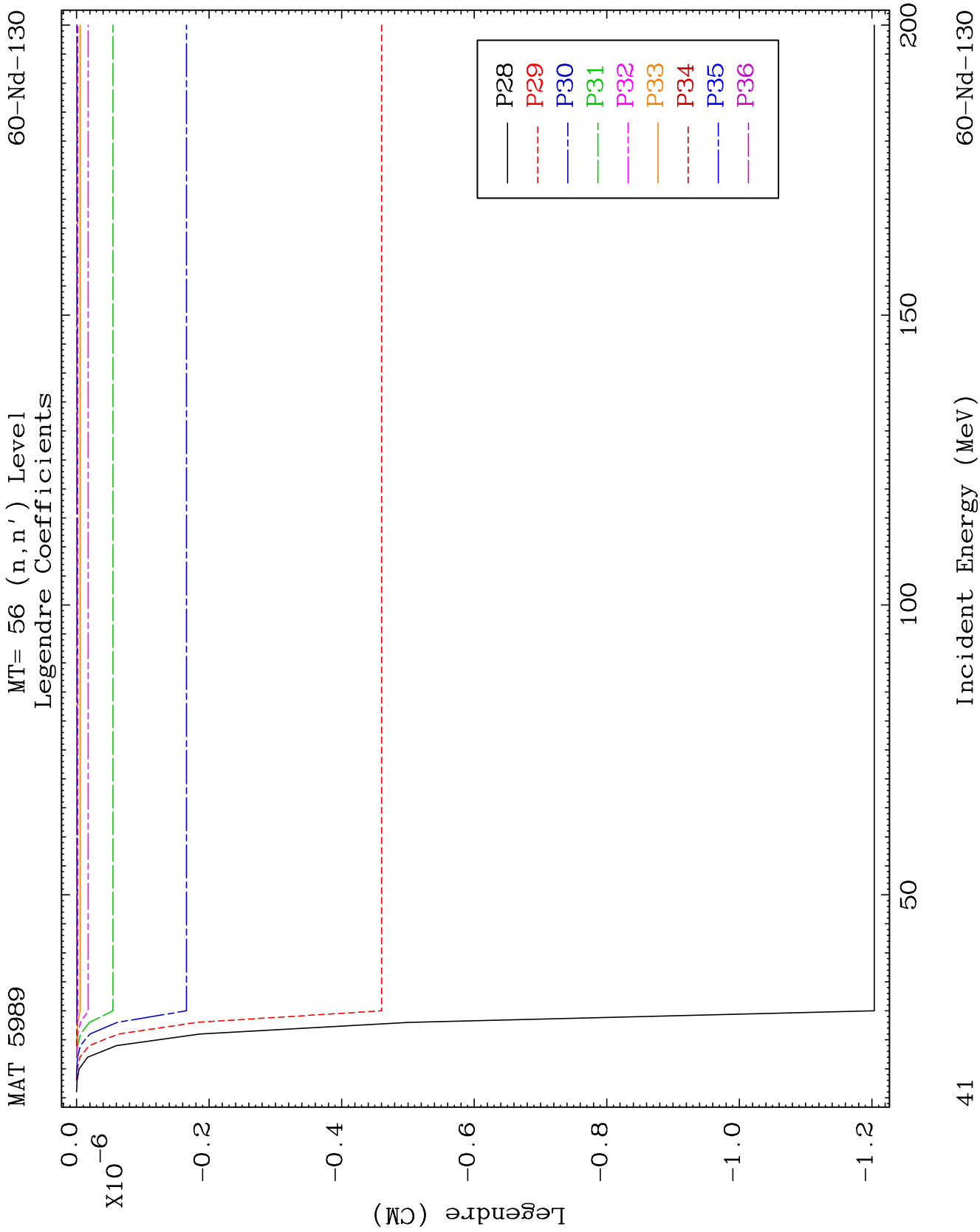
60-Nd-130







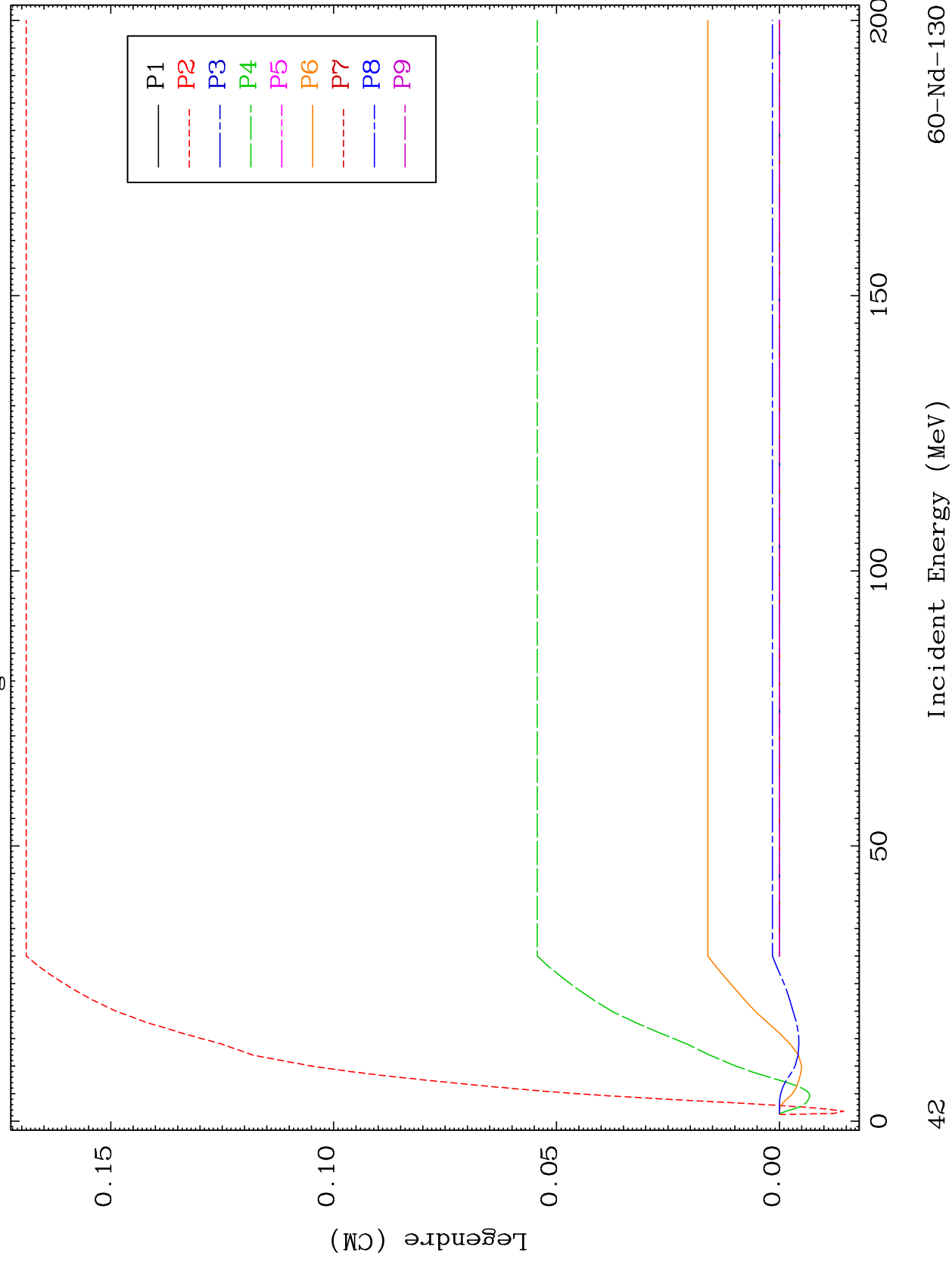


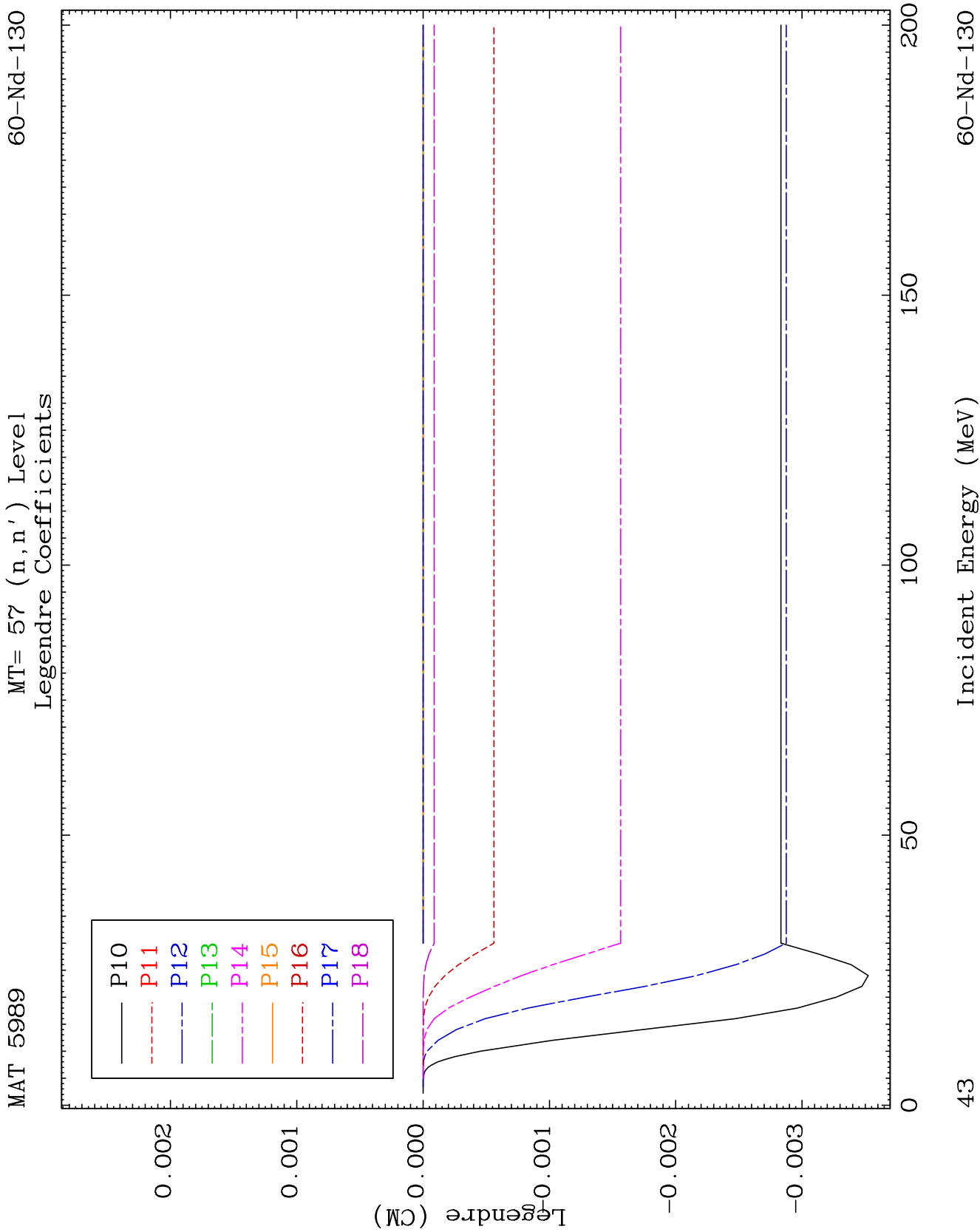


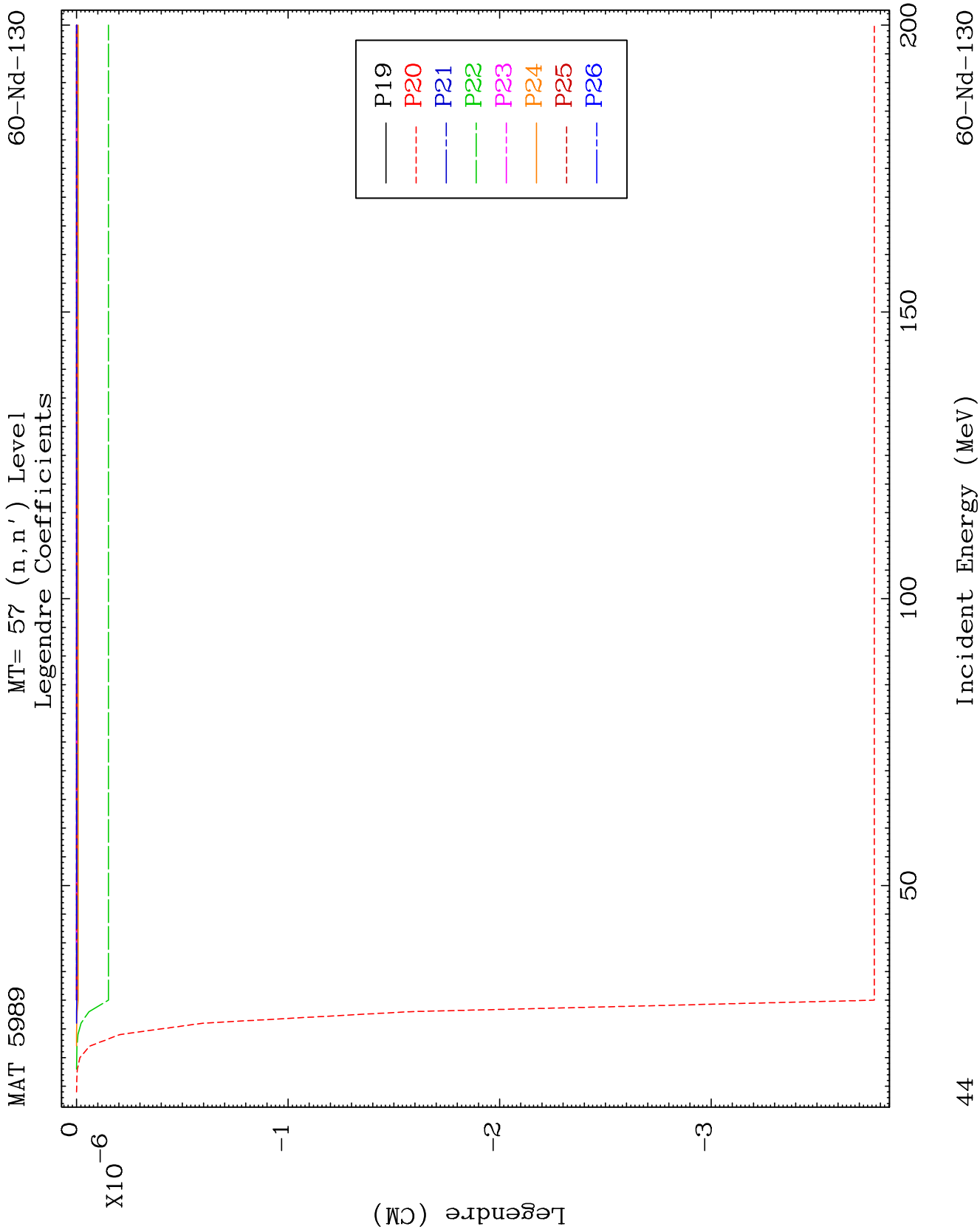
MAT 5989

MT= 57 (n, n') Level  
Legendre Coefficients

60-Nd-130



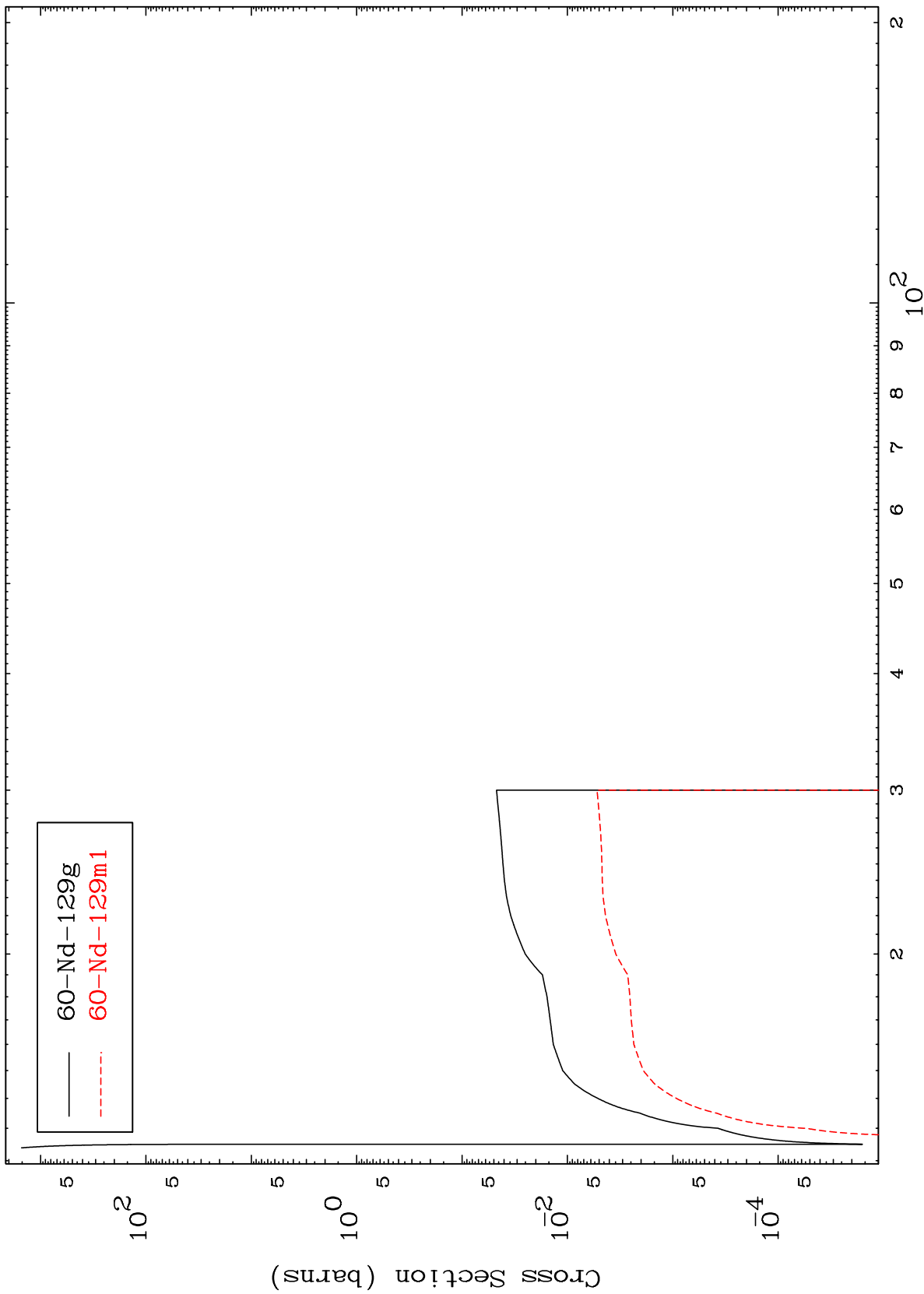




MAT 5989

60-Nd-130

Radionuclide Production Cross Section  
(n,2n)



60-Nd-130

Incident Energy (MeV)

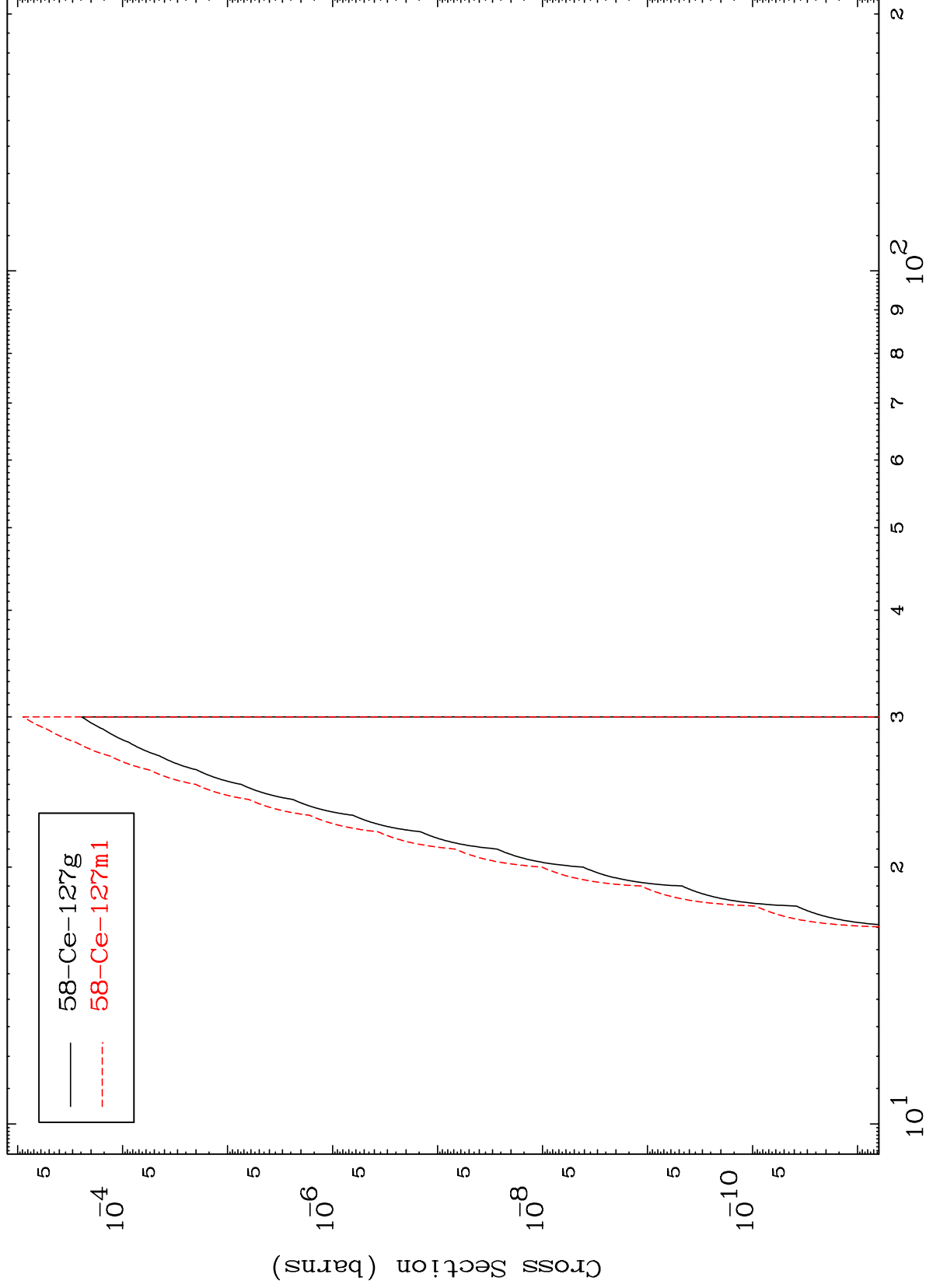
45

MAT 5989

(n,n') He-3

60-Nd-130

Radionuclide Production Cross Section



46

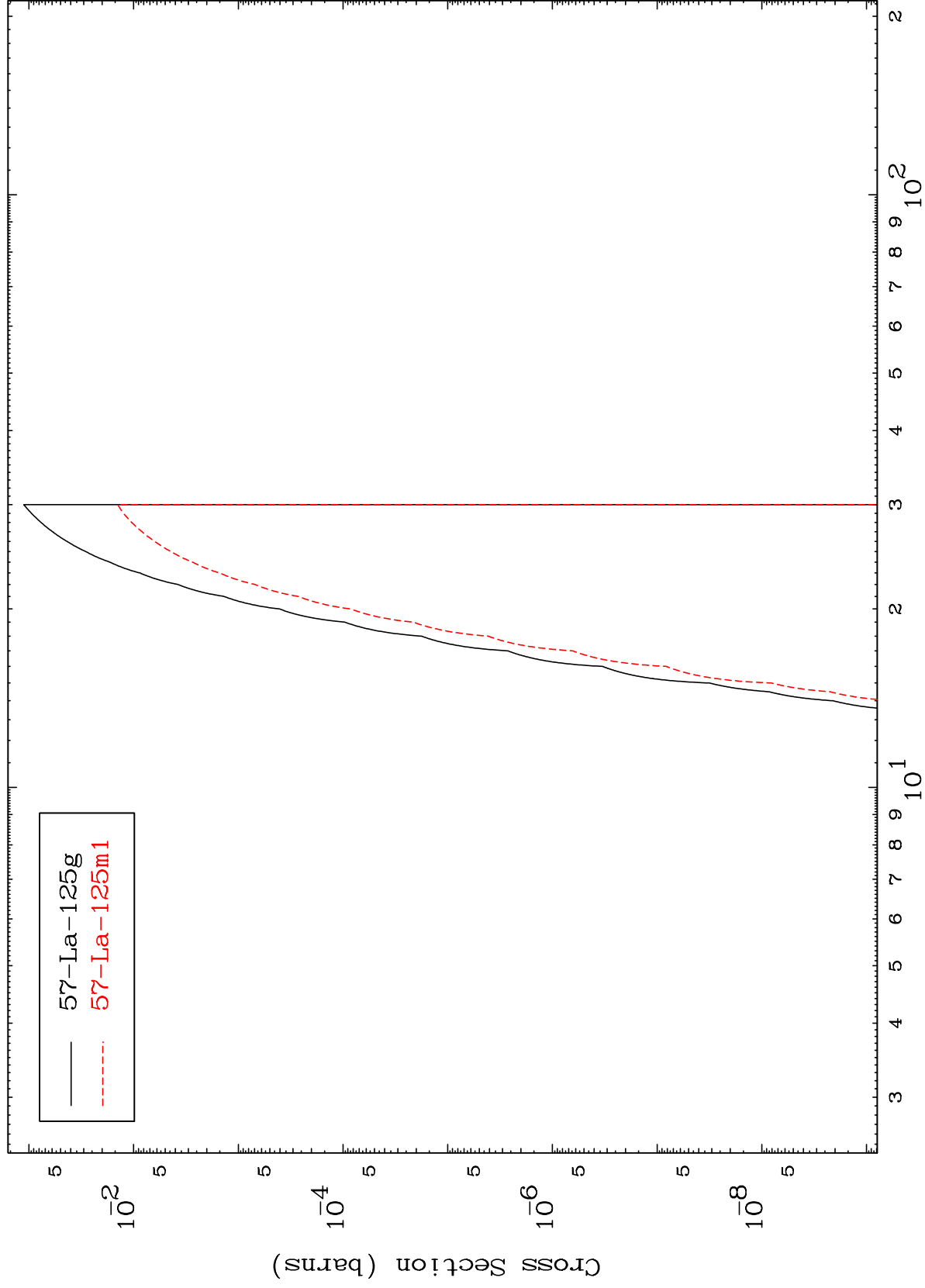
Incident Energy (MeV)

60-Nd-130

MAT 5989

60-Nd-130

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



47

Incident Energy (MeV)

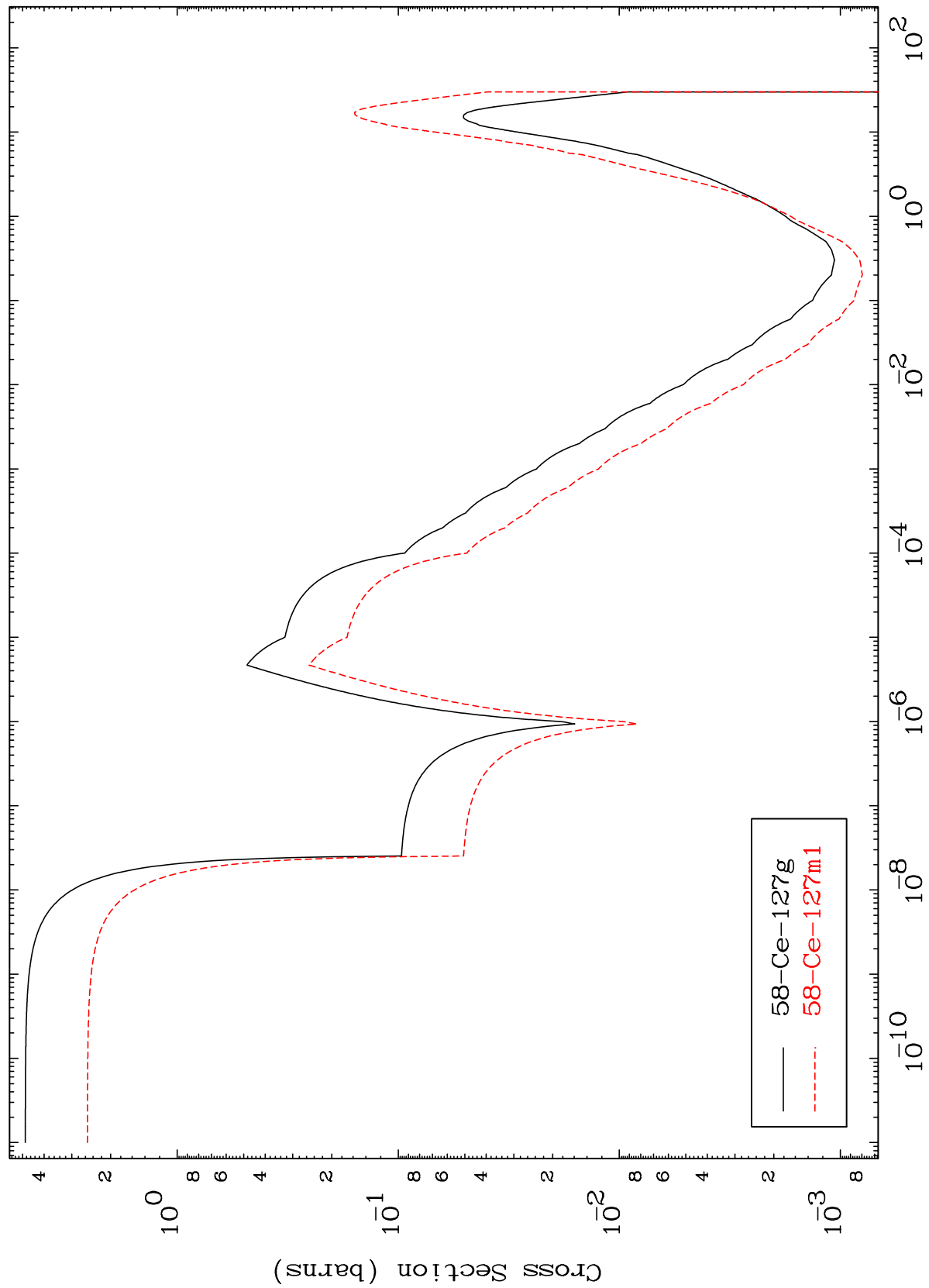
60-Nd-130



MAT 5989

60-Nd-130

Radionuclide Production Cross Section  
(n,  $\alpha$ )



48

60-Nd-130

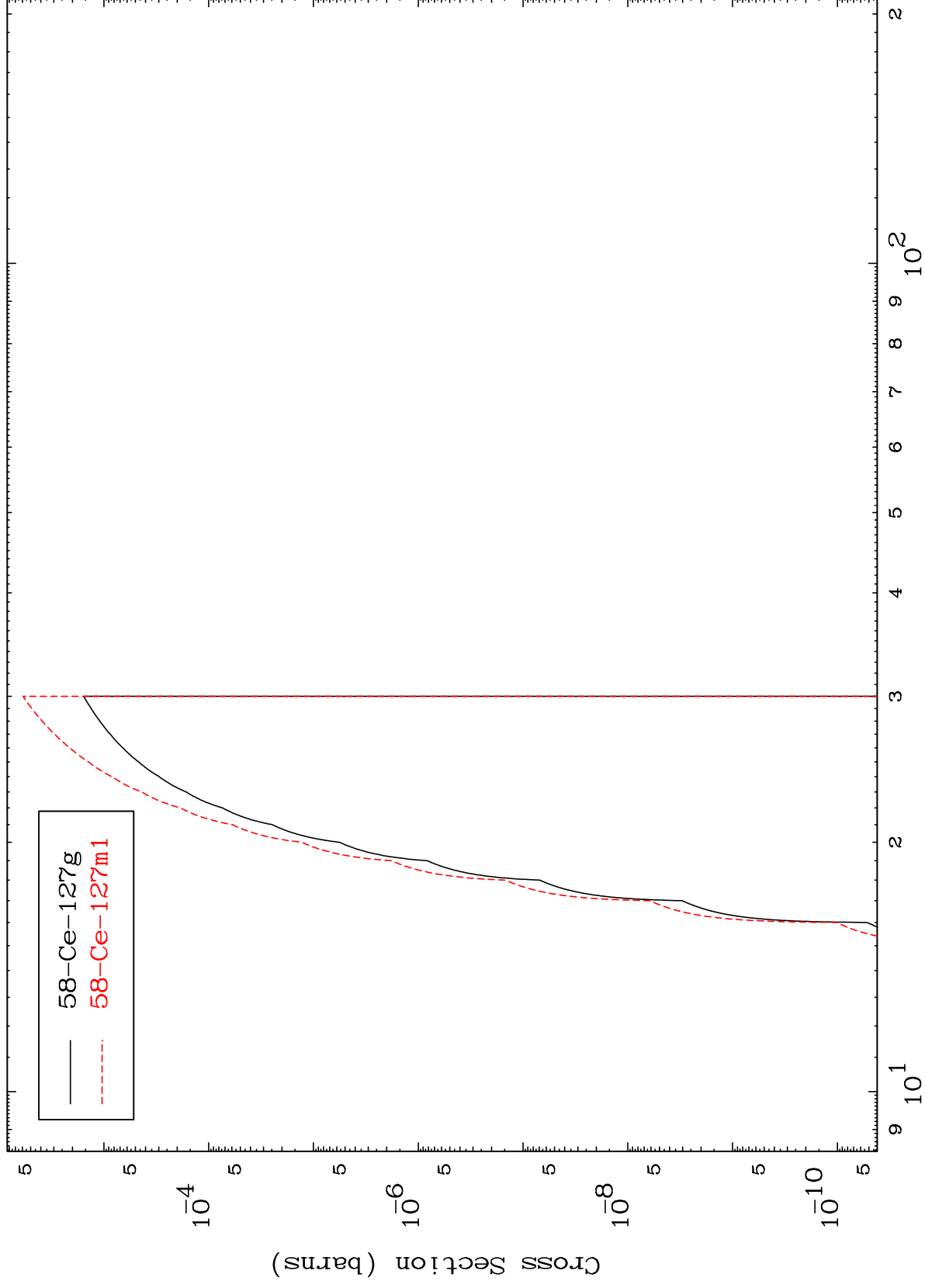
Incident Energy (MeV)

MAT 5989

(n,p) t

60-Nd-130

Radionuclide Production Cross Section



49

Incident Energy (MeV)

60-Nd-130

