

Program EVALPLOT  
(Version 2015-2)

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  
Web:home.comcast.net/~redcullen1

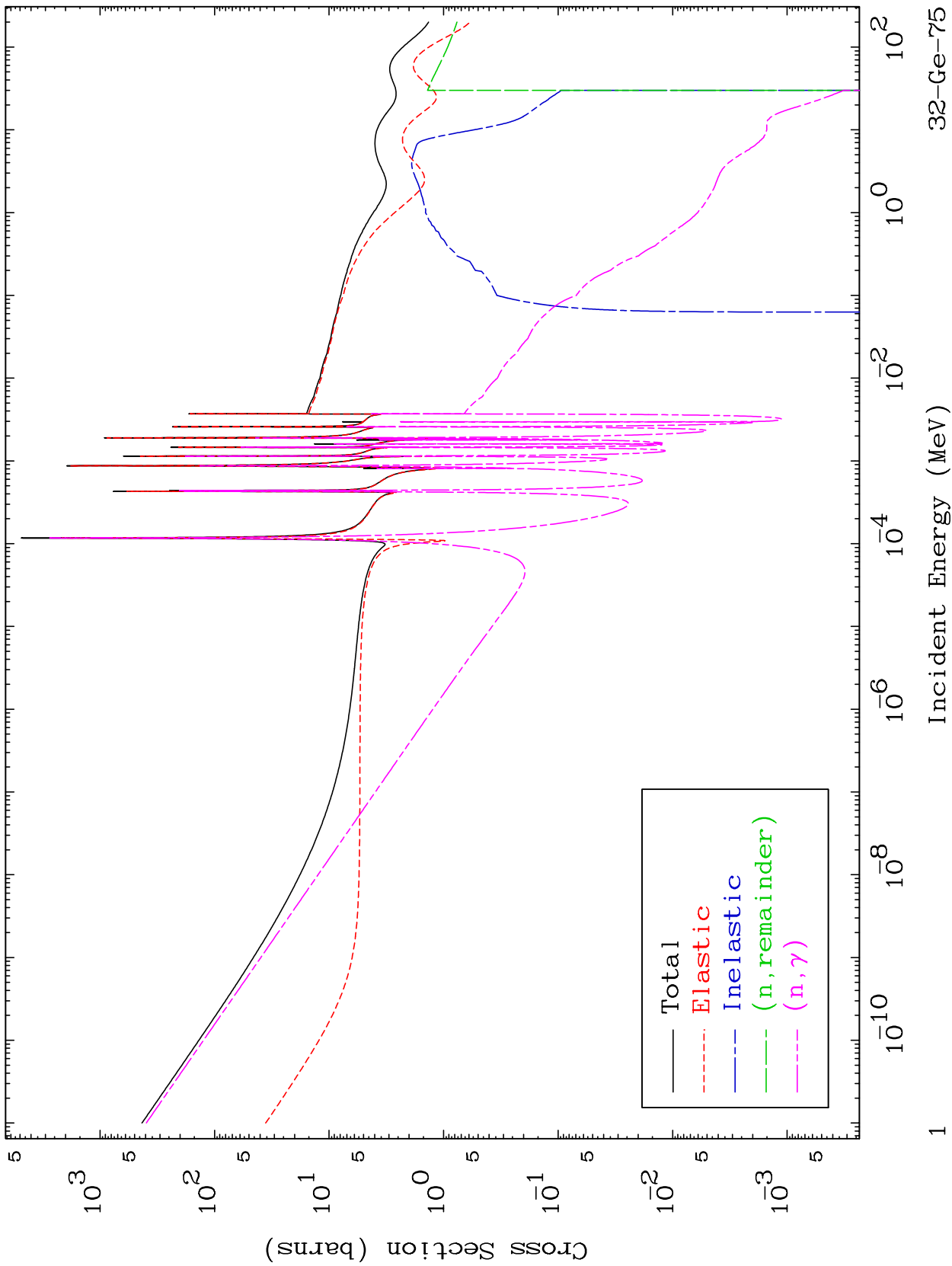
Press Mouse Button to Start

MAT 3240

Major

293 Kelvin Cross Sections

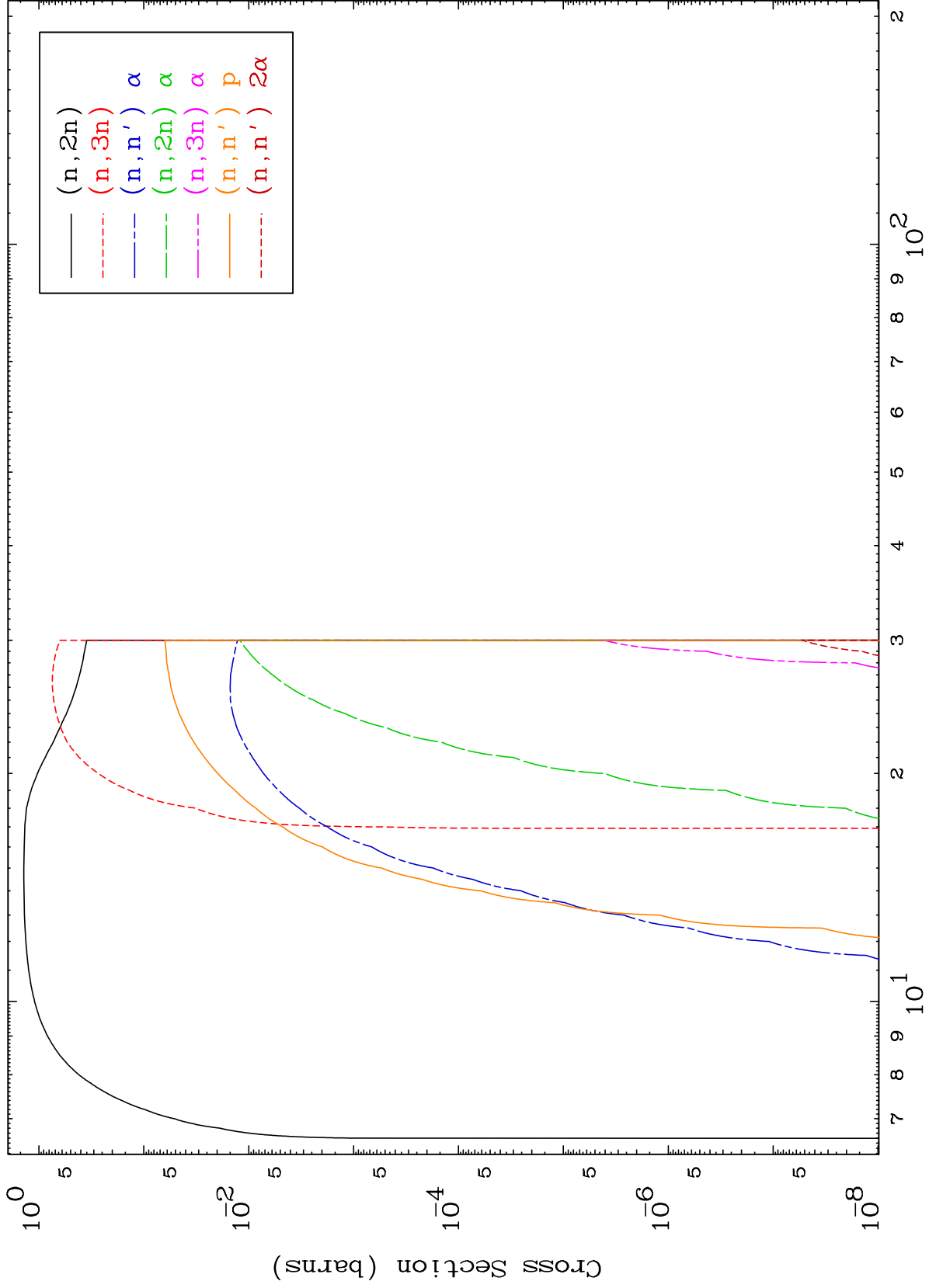
32-Ge-75



MAT 3240

### Neutron Production 293 Kelvin Cross Sections

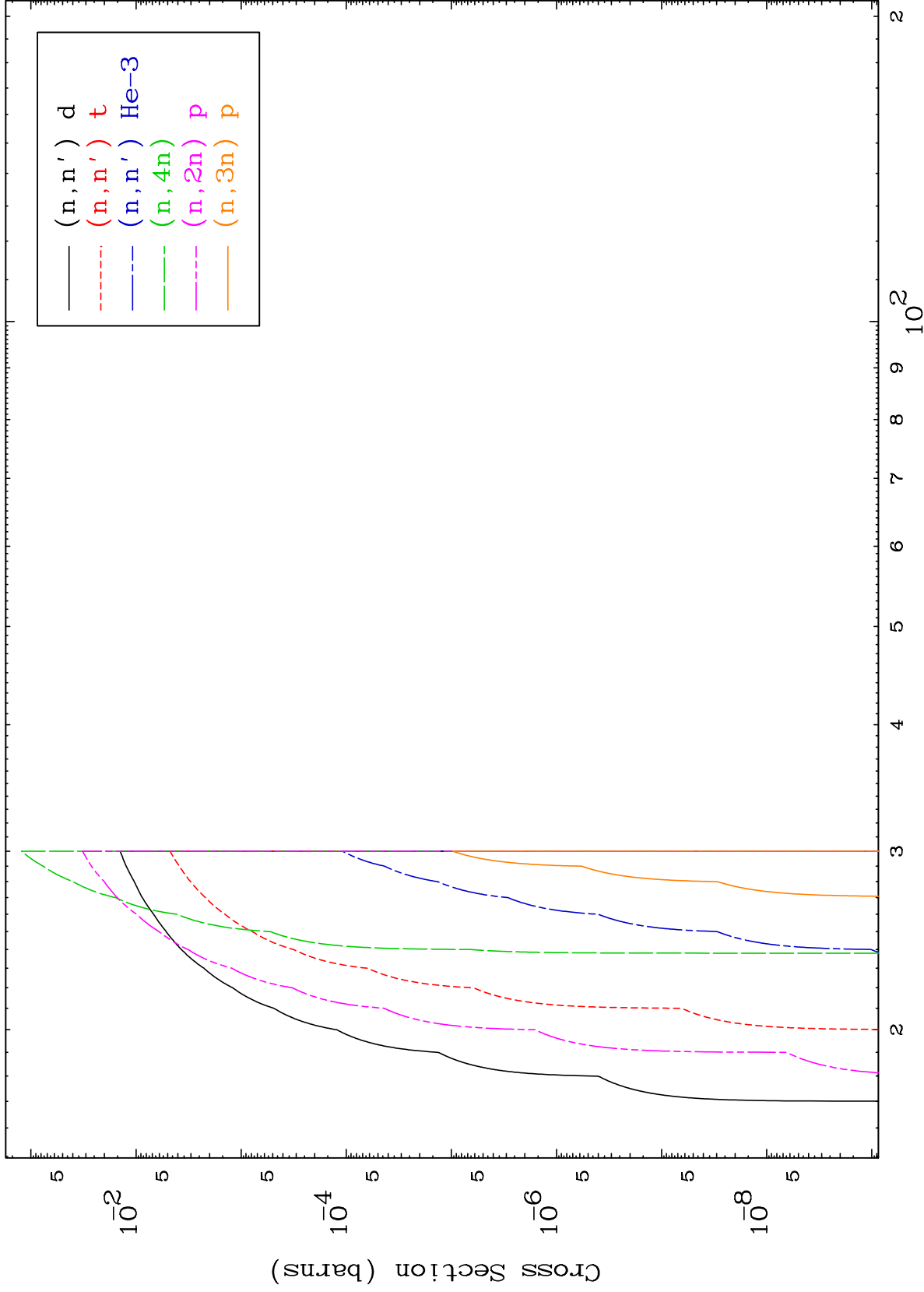
32-Ge-75



2

Incident Energy (MeV)

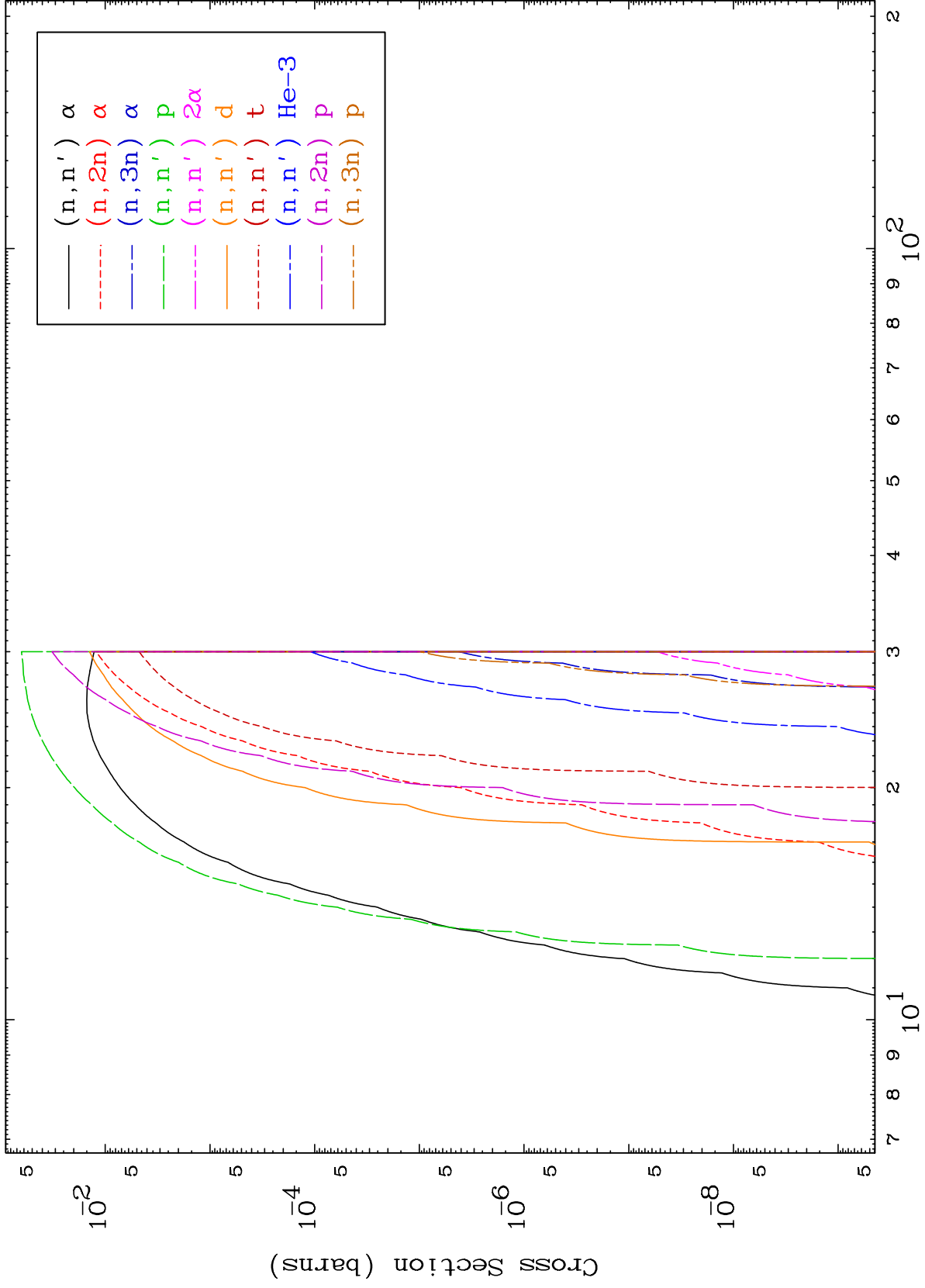
32-Ge-75



MAT 3240

Charged Particle  
293 Kelvin Cross Sections

32-Ge-75



4

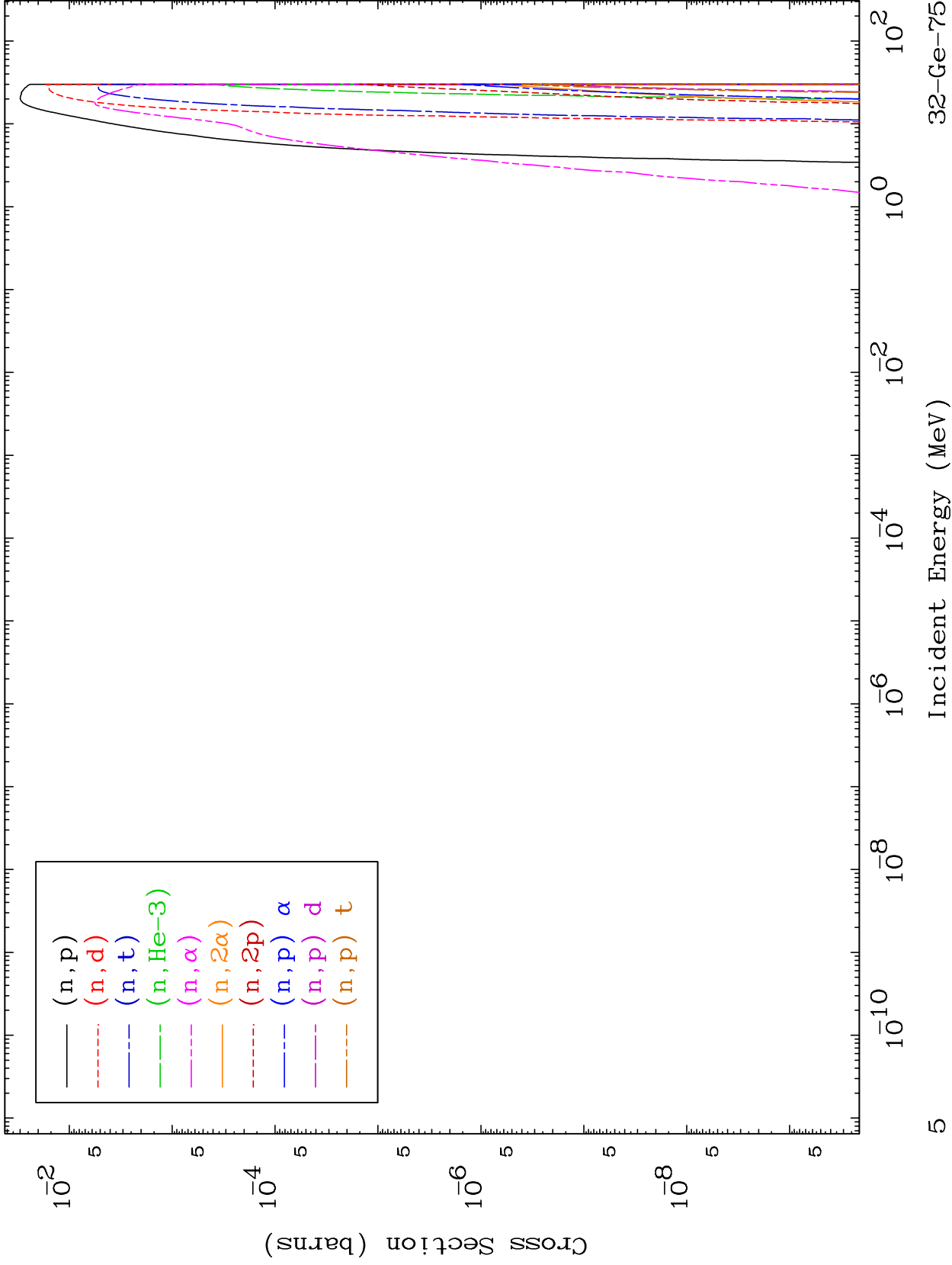
Incident Energy (MeV)

32-Ge-75

MAT 3240

Charged Particle  
293 Kelvin Cross Sections

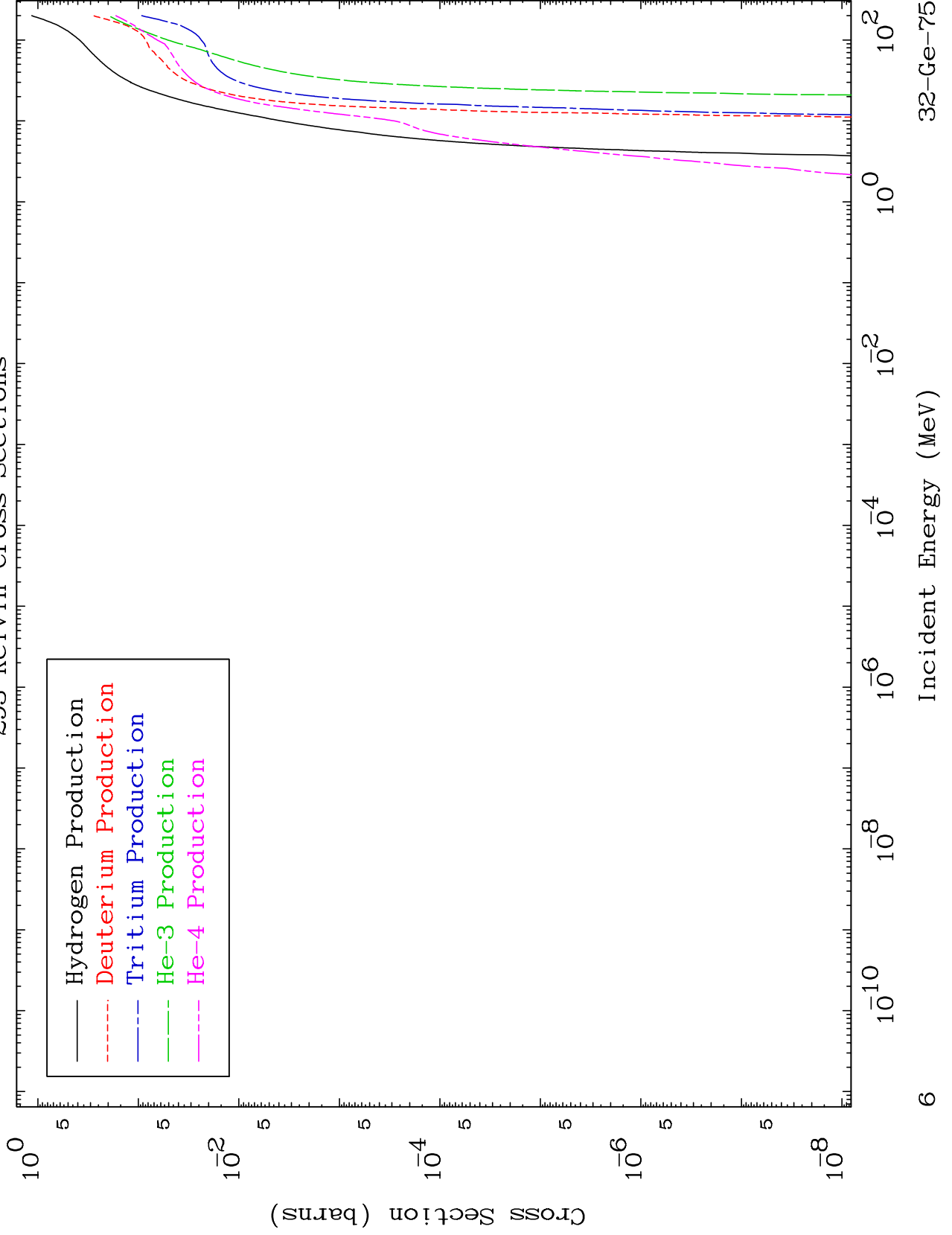
32-Ge-75

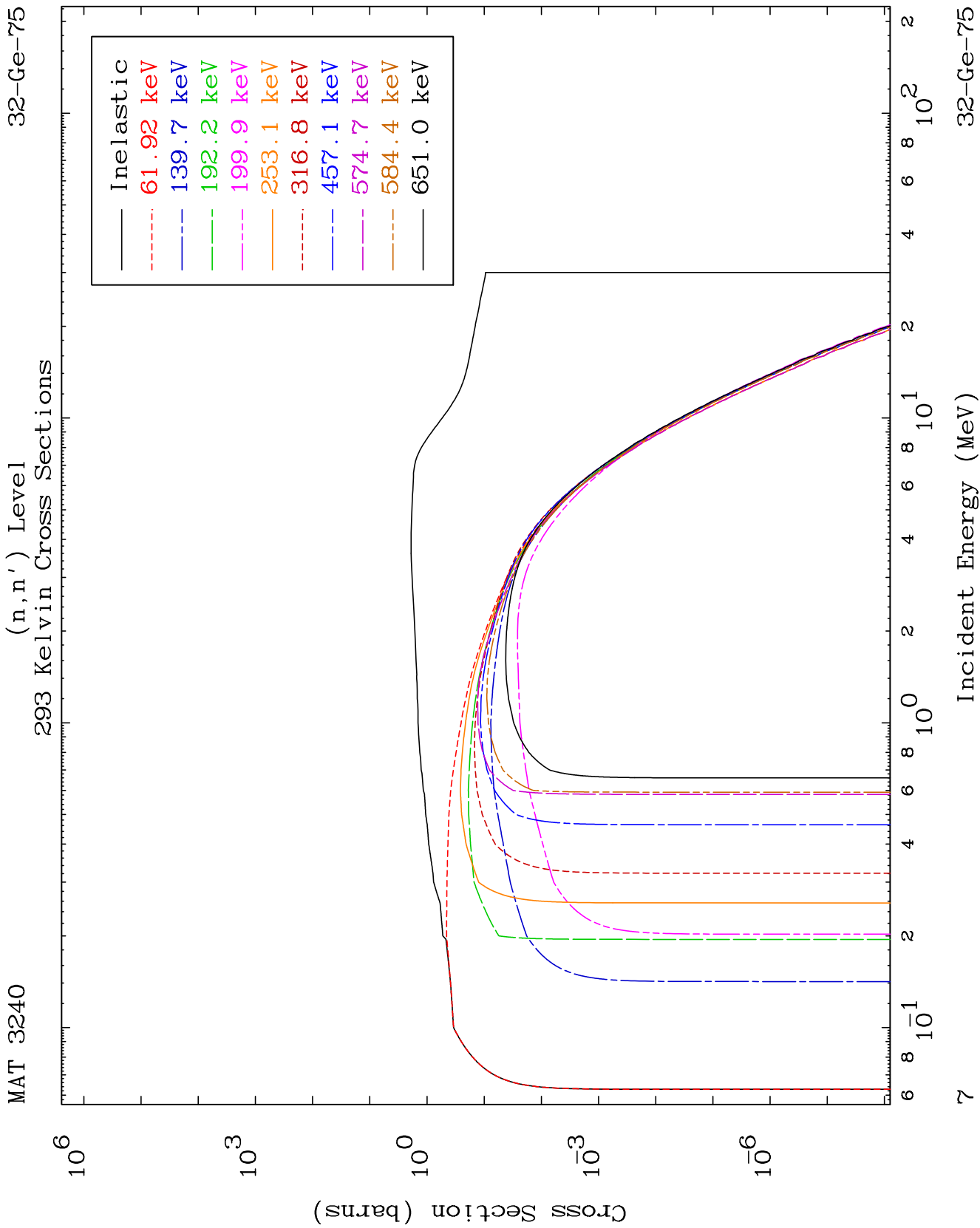


MAT 3240

Particle Production  
293 Kelvin Cross Sections

32-Ge-75



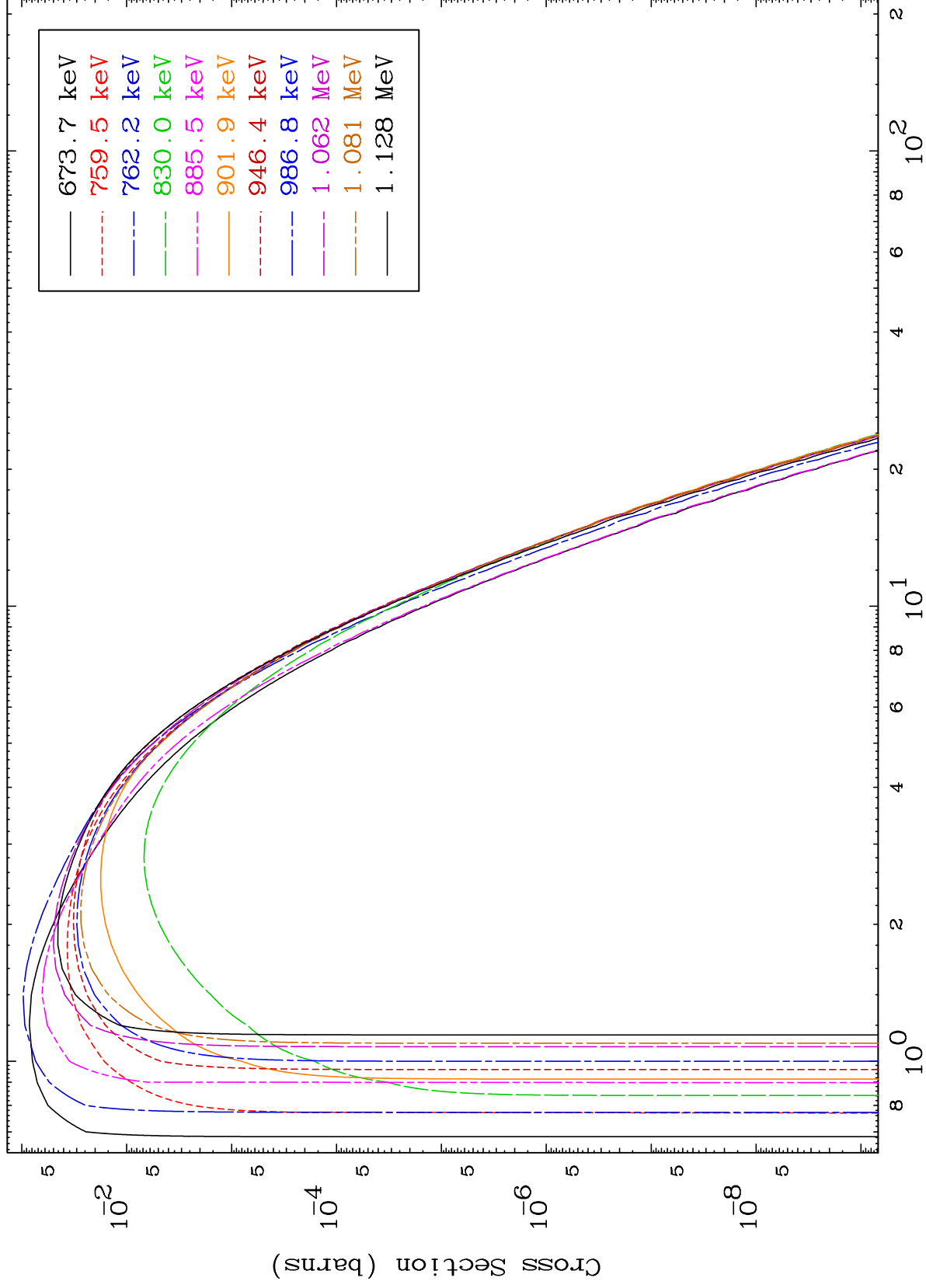




MAT 3240

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-75



8

Incident Energy (MeV)

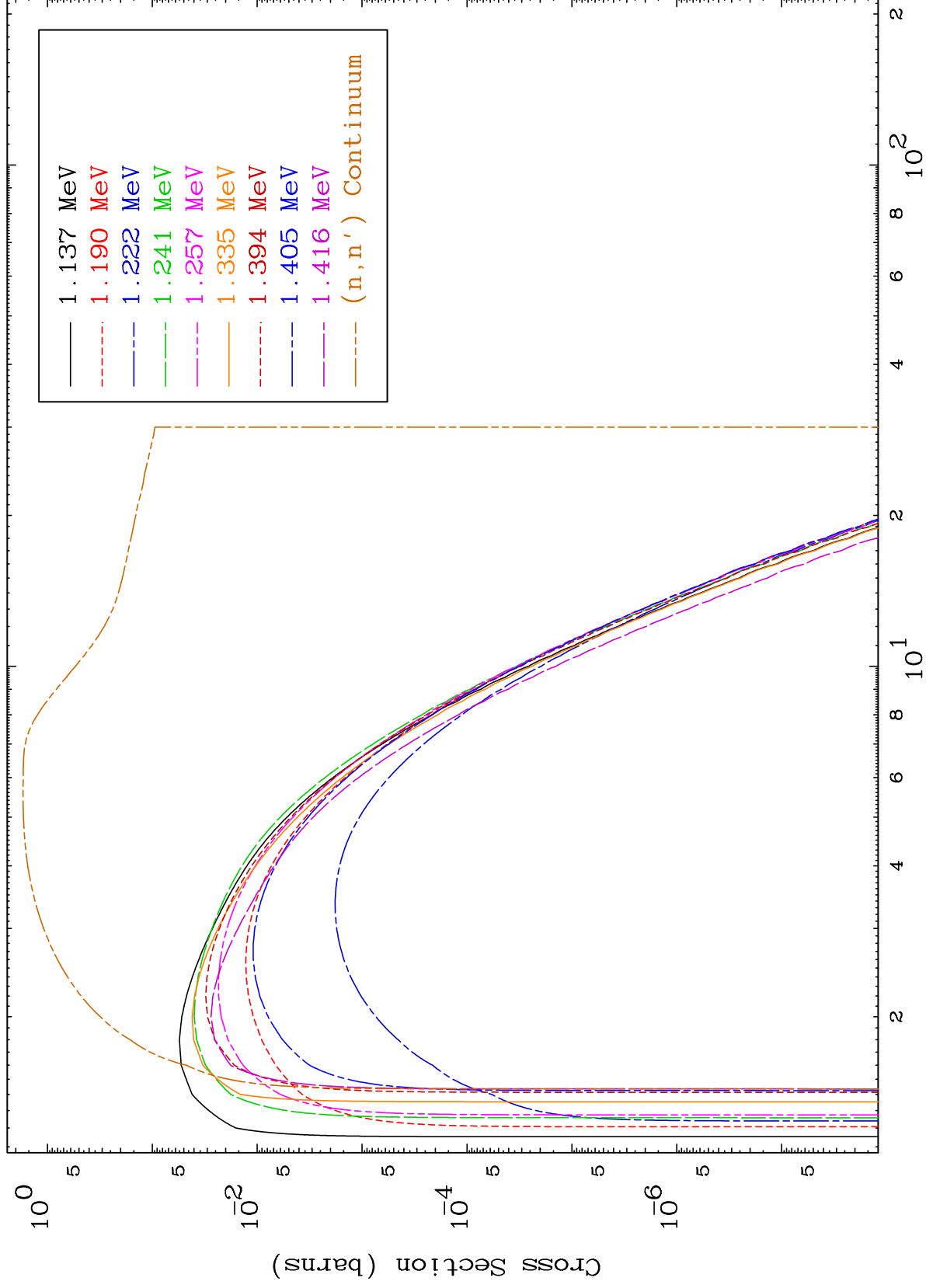
32-Ge-75

MAT 3240

(n,n') Level

32-Ge-75

293 Kelvin Cross Sections



9

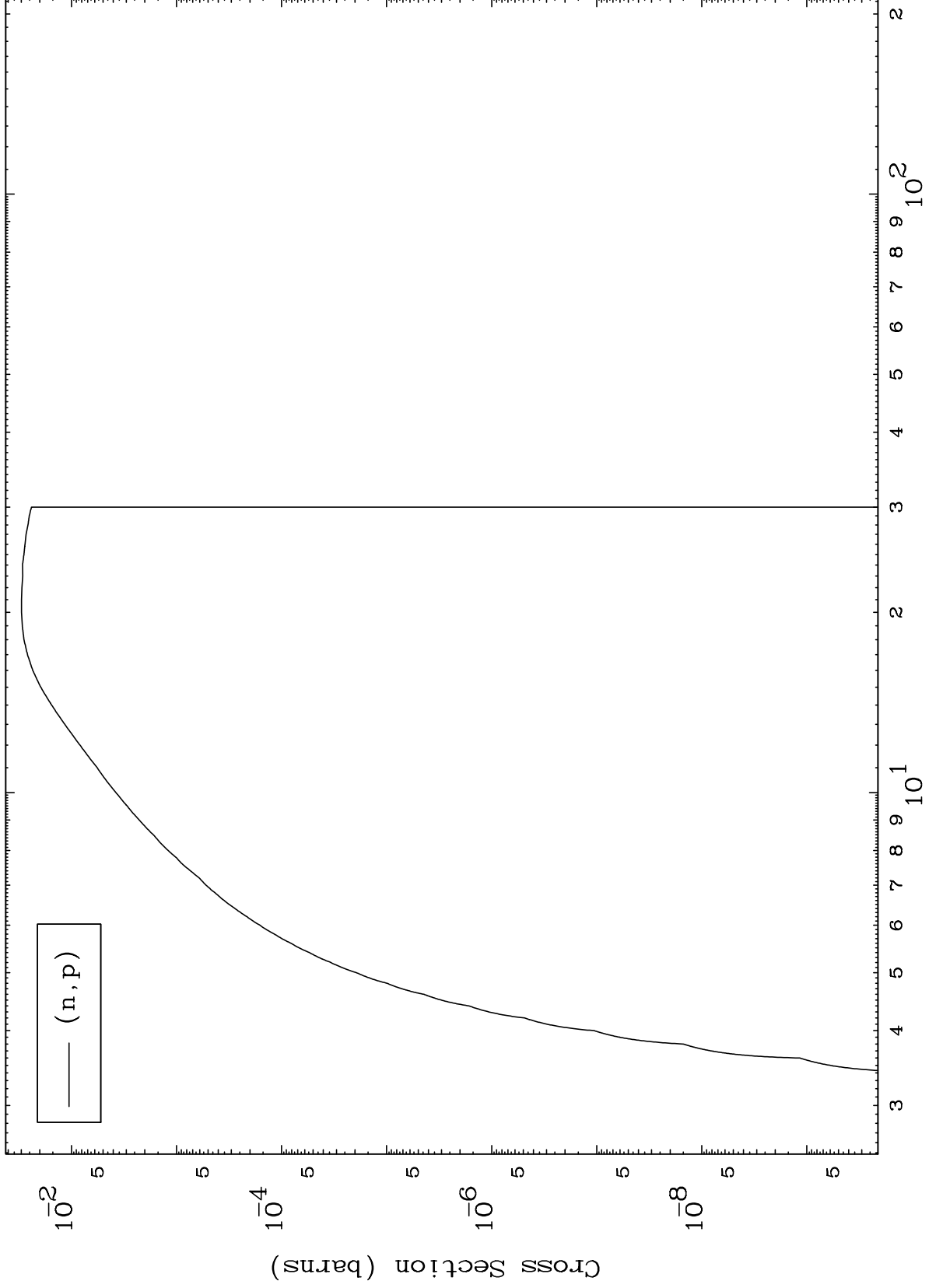
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,p) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-75



(n,p)

10

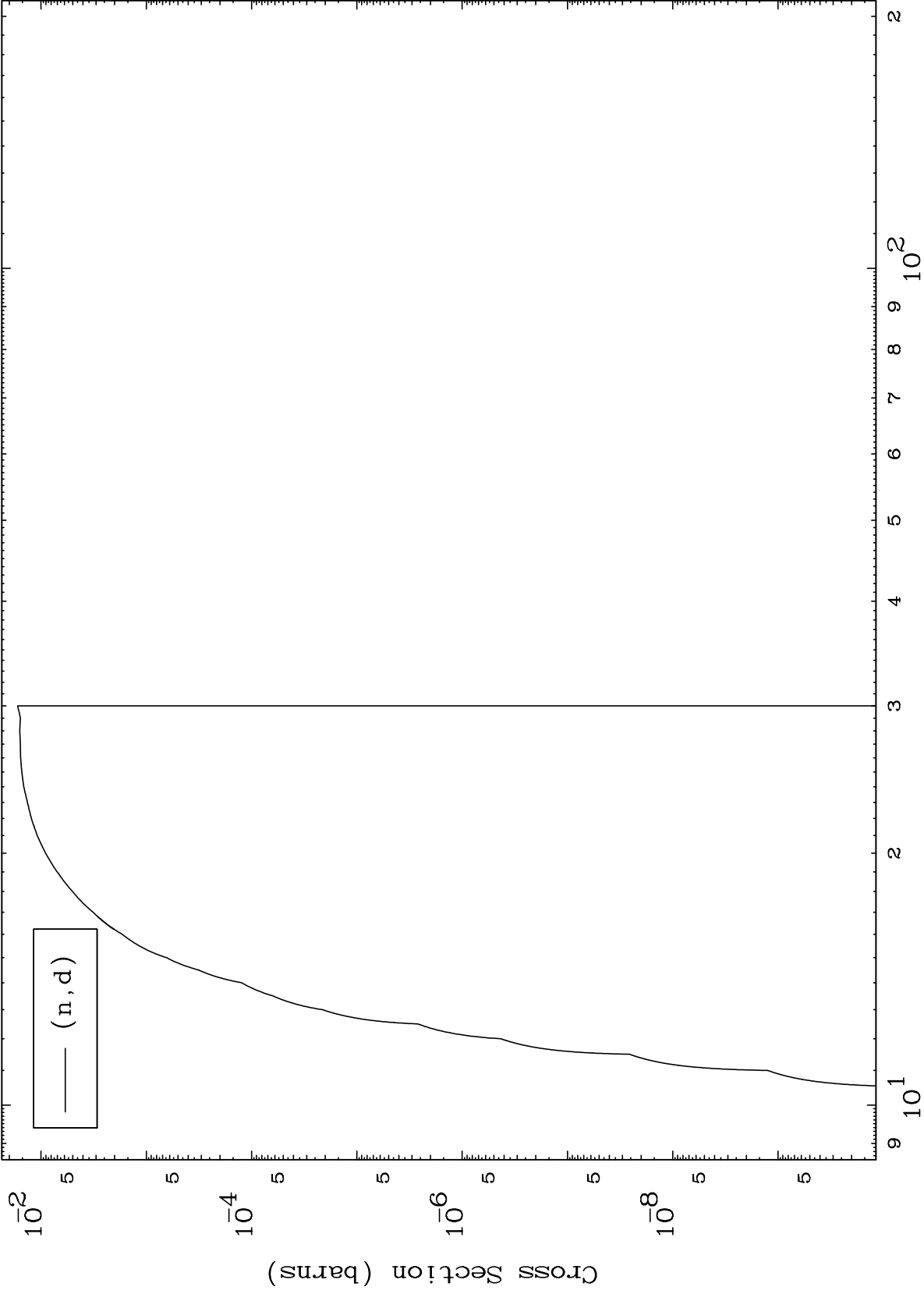
Incident Energy (MeV)

<sup>32</sup>Ge-75

MAT 3240

(n,d) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-75



11

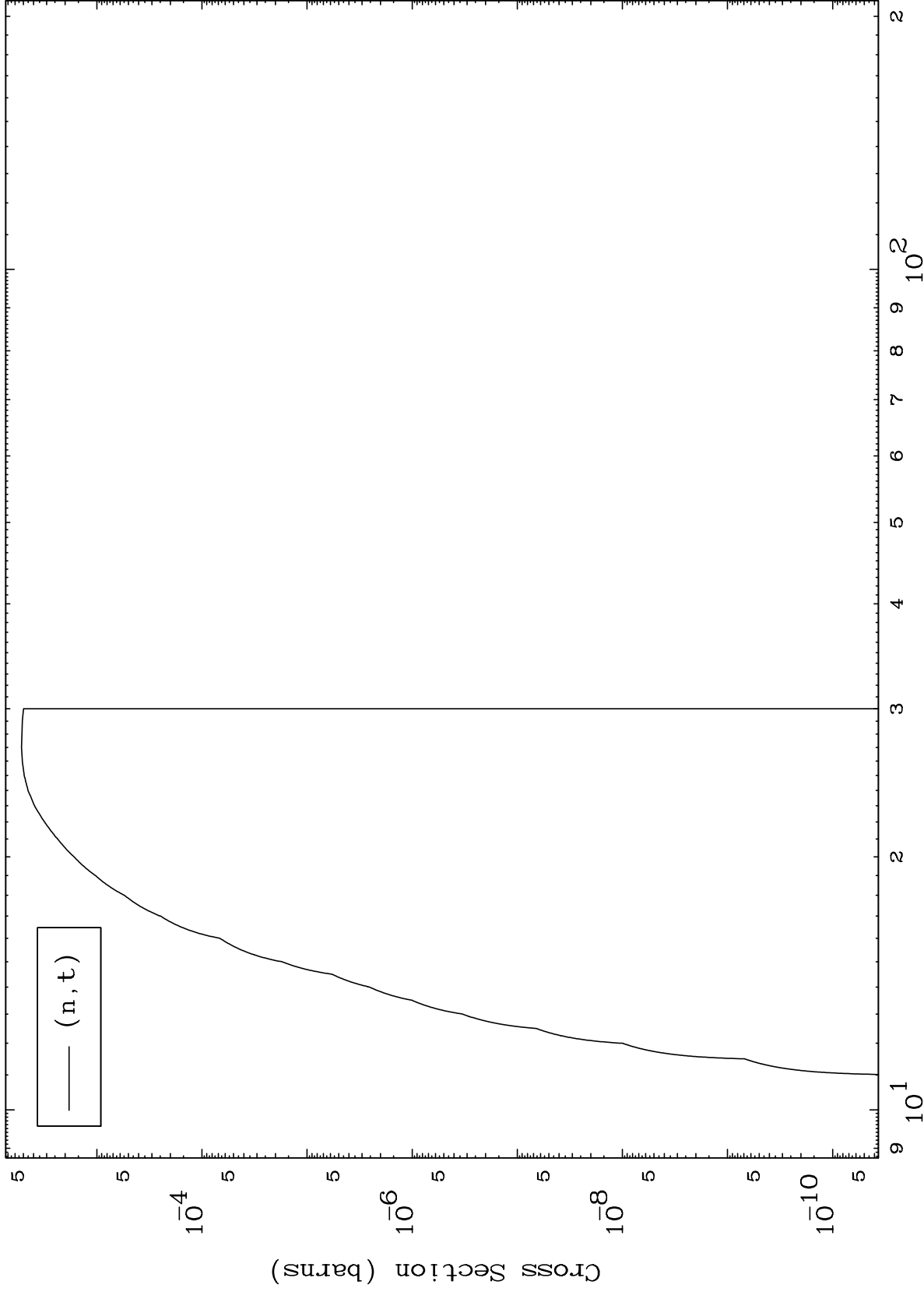
Incident Energy (MeV)

<sup>32</sup>Ge-75

MAT 3240

(n,t) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-75



12

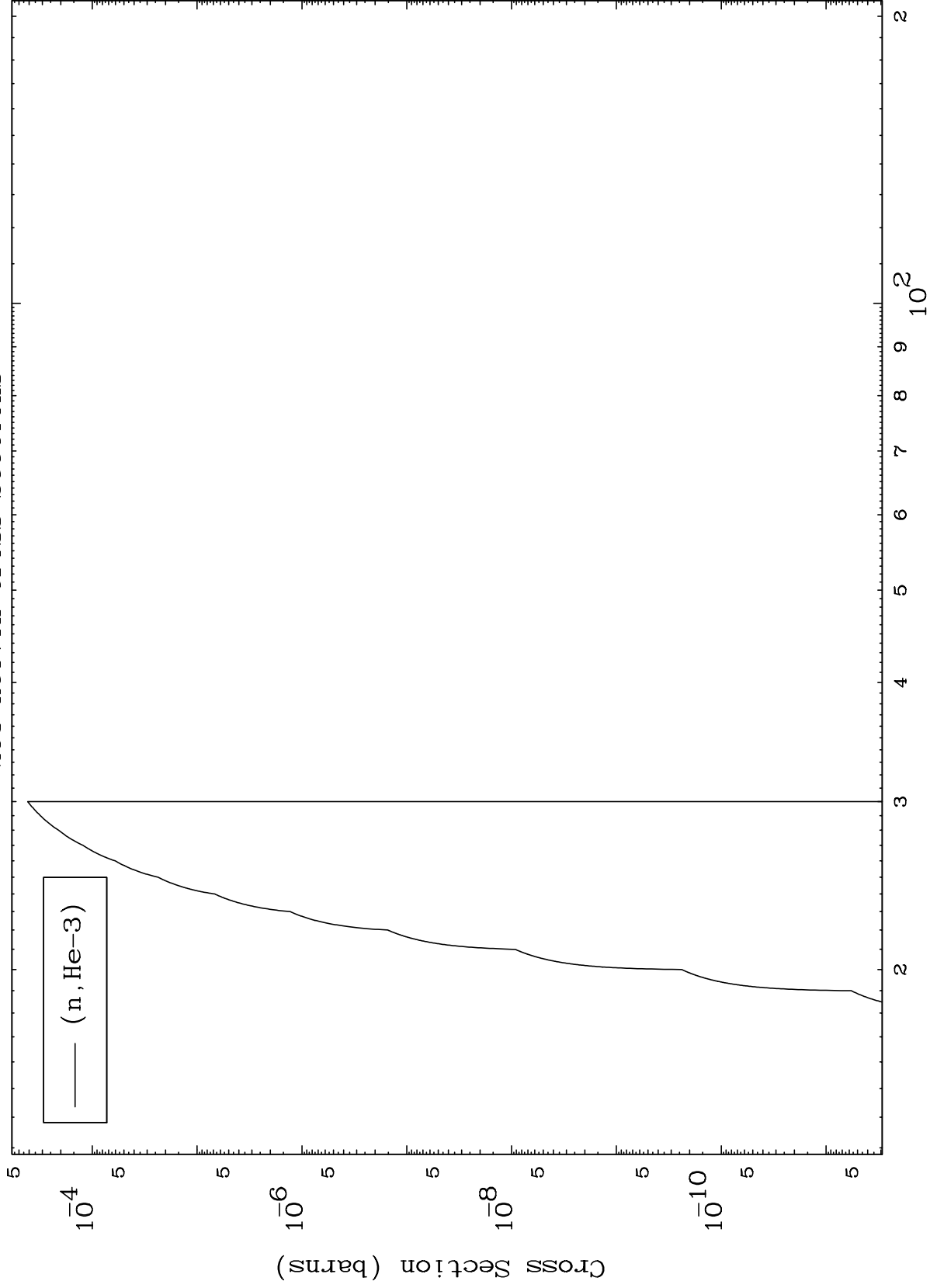
Incident Energy (MeV)

<sup>32</sup>Ge-75

MAT 3240

(n,He3) Levels  
293 Kelvin Cross Sections

32-Ge-75



13

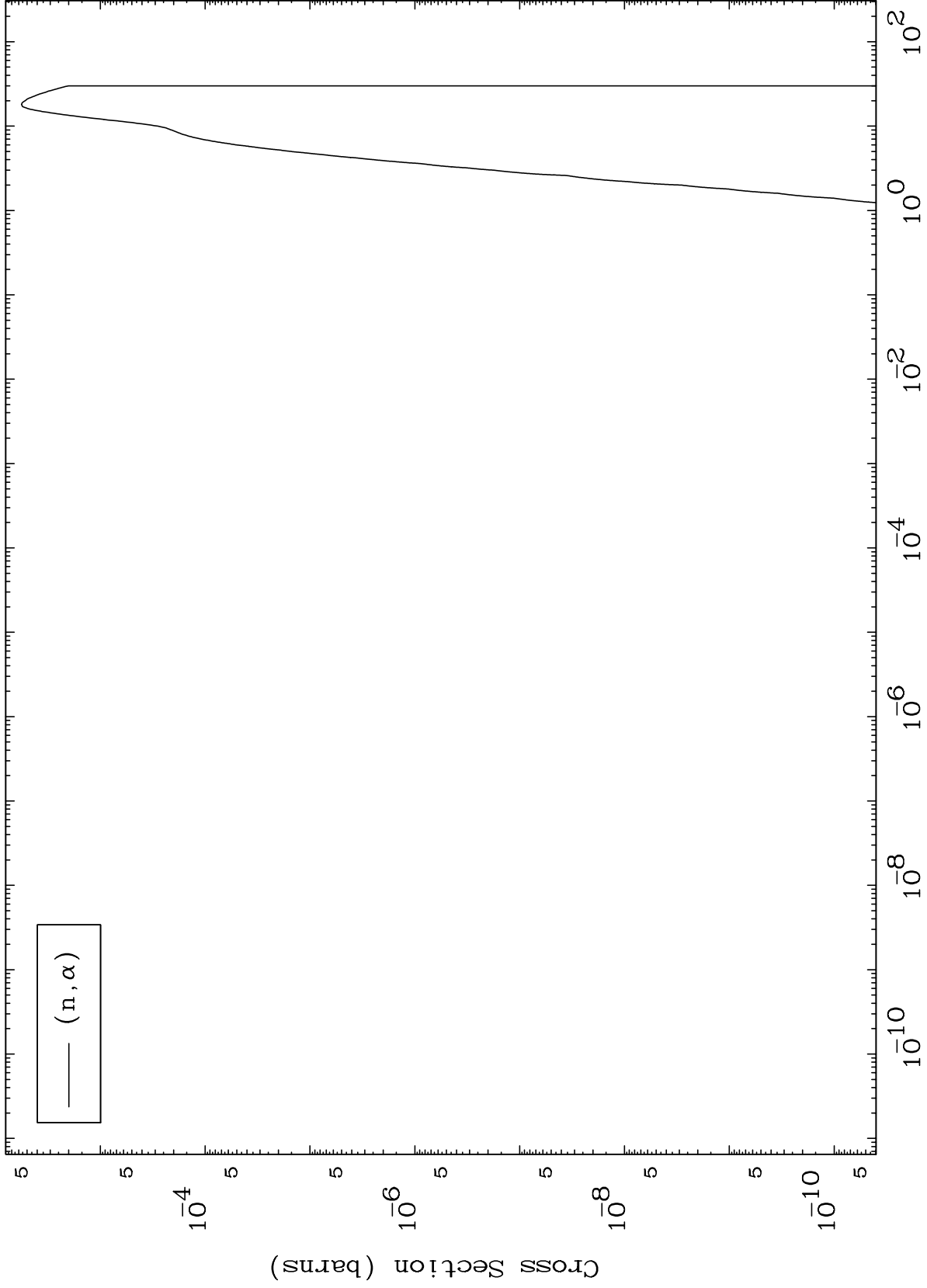
Incident Energy (MeV)

32-Ge-75

MAT 3240

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

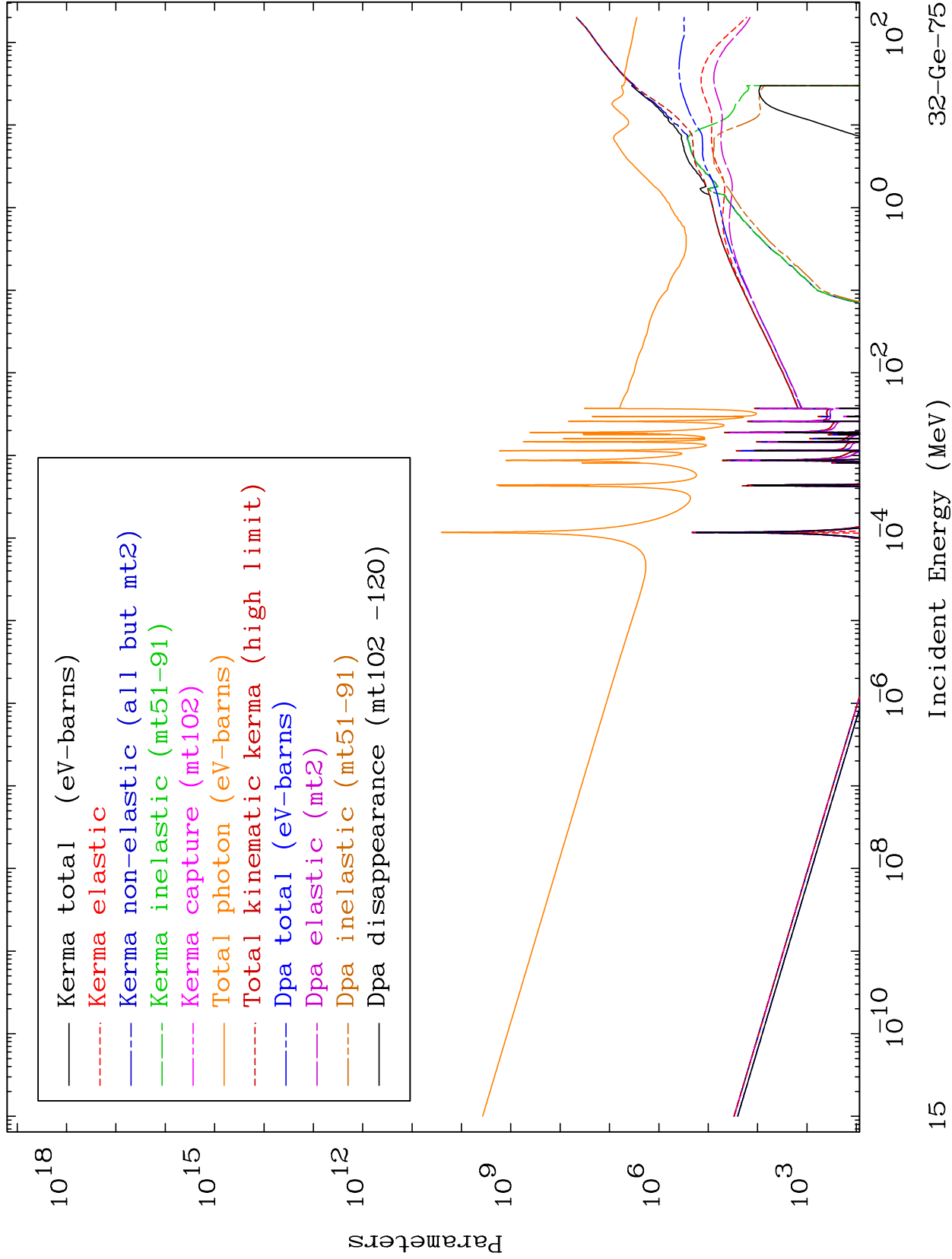
32-Ge-75



14

Incident Energy (MeV)

32-Ge-75

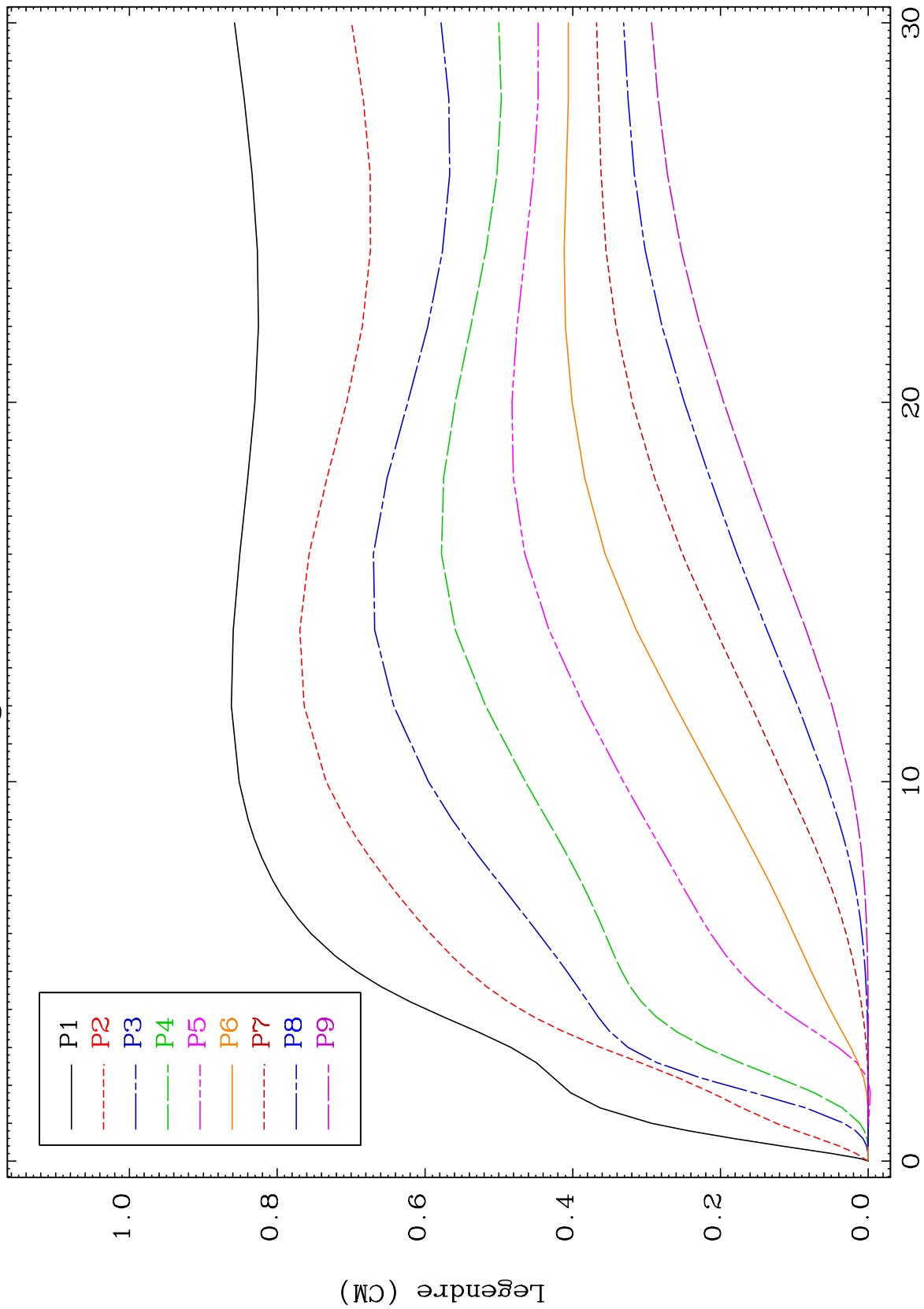




MAT 3240

Elastic Legendre Coefficients

<sup>32</sup>Ge-<sup>75</sup>



16

Incident Energy (MeV)

<sup>32</sup>Ge-<sup>75</sup>

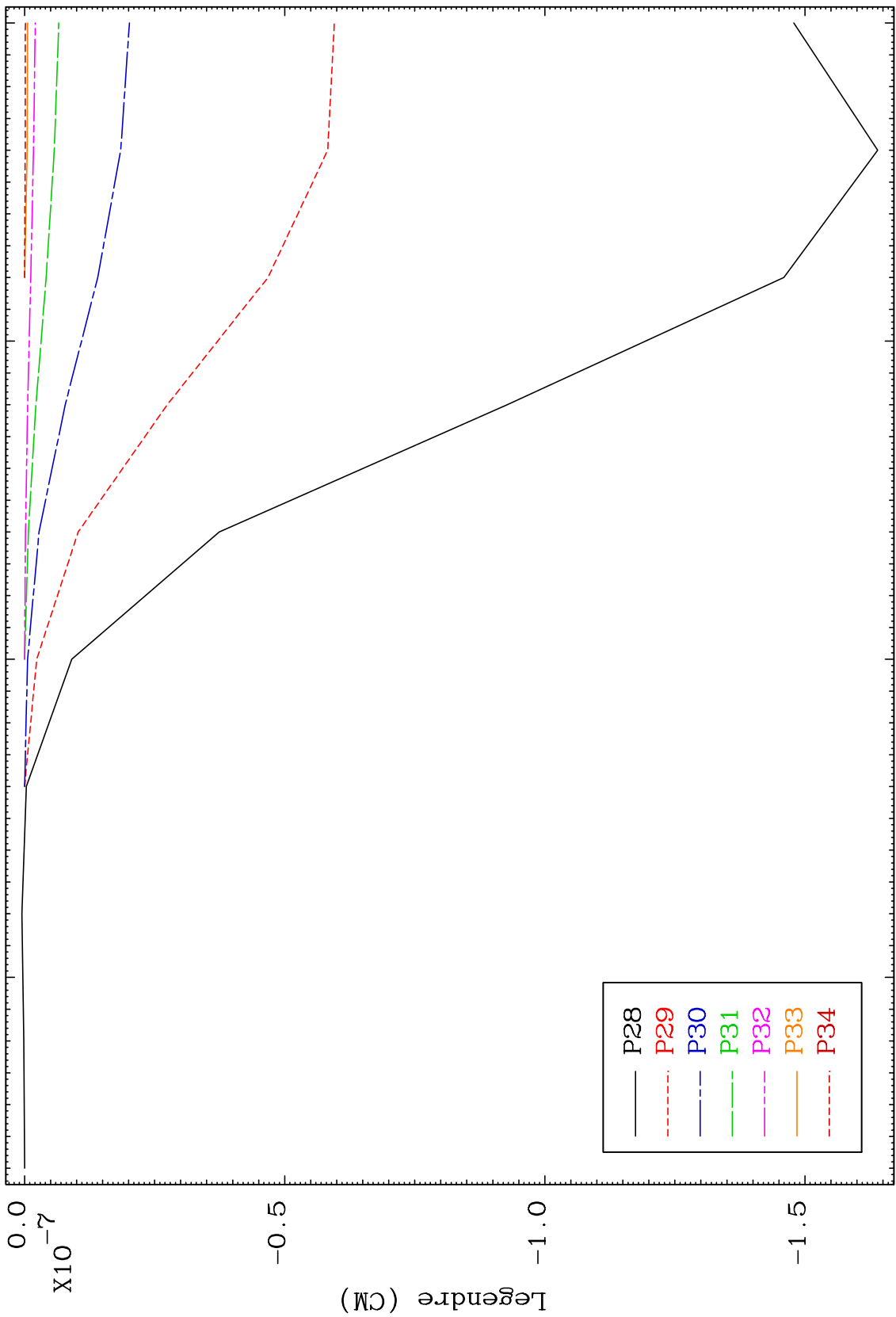




MAT 3240

32-Ge-75

Elastic Legendre Coefficients



$10^{-7}$

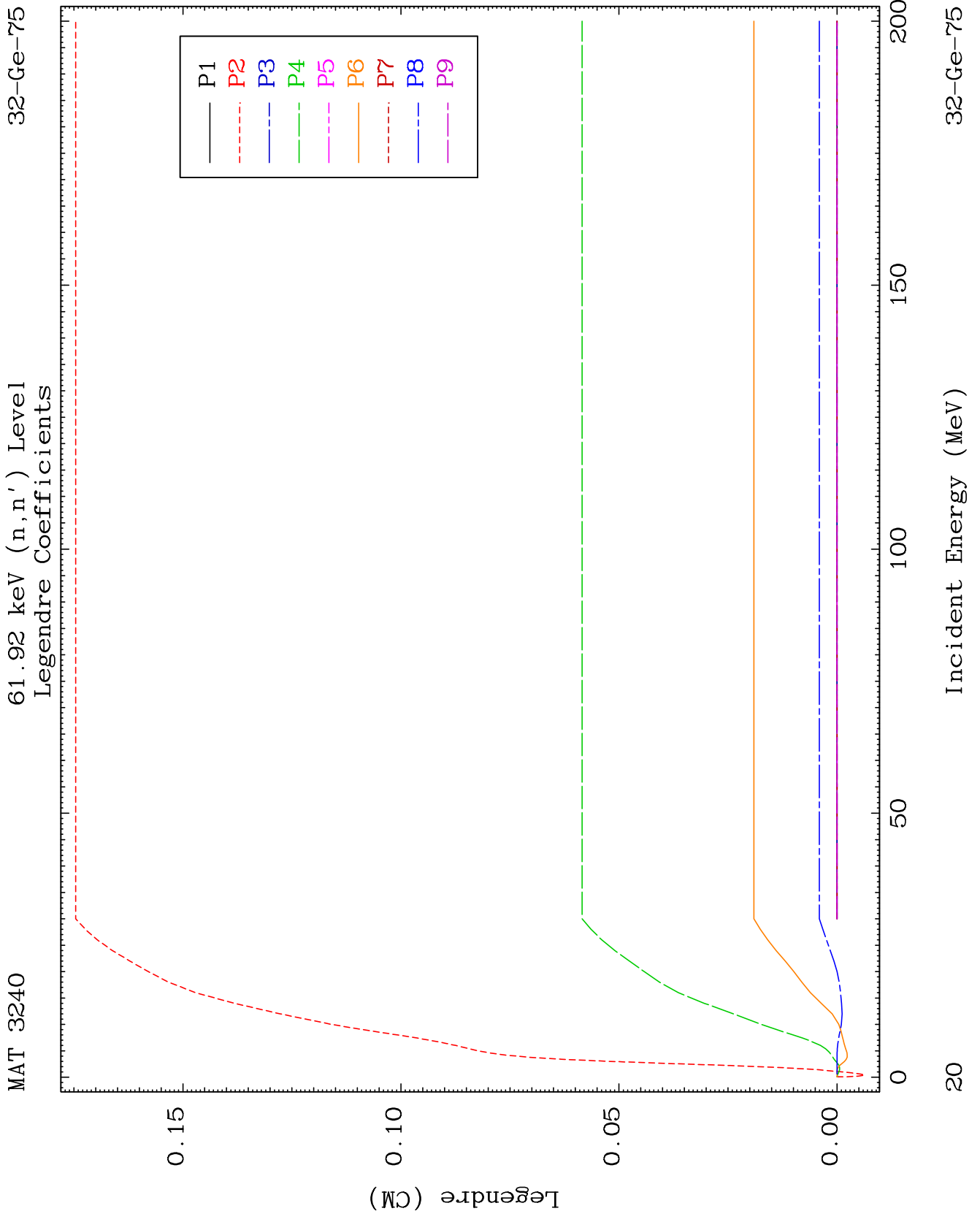
Legendre (CM)

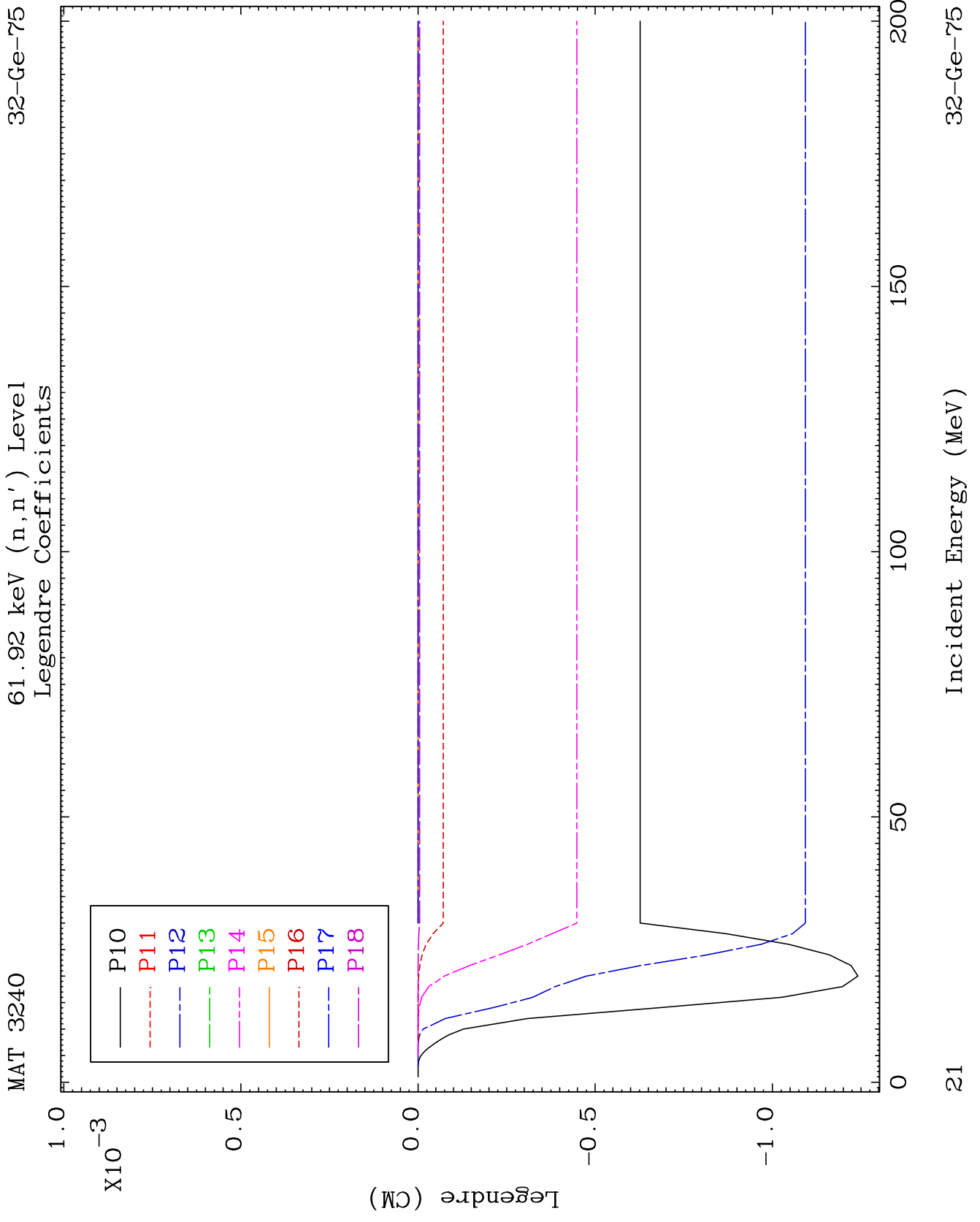
15

20

25

30

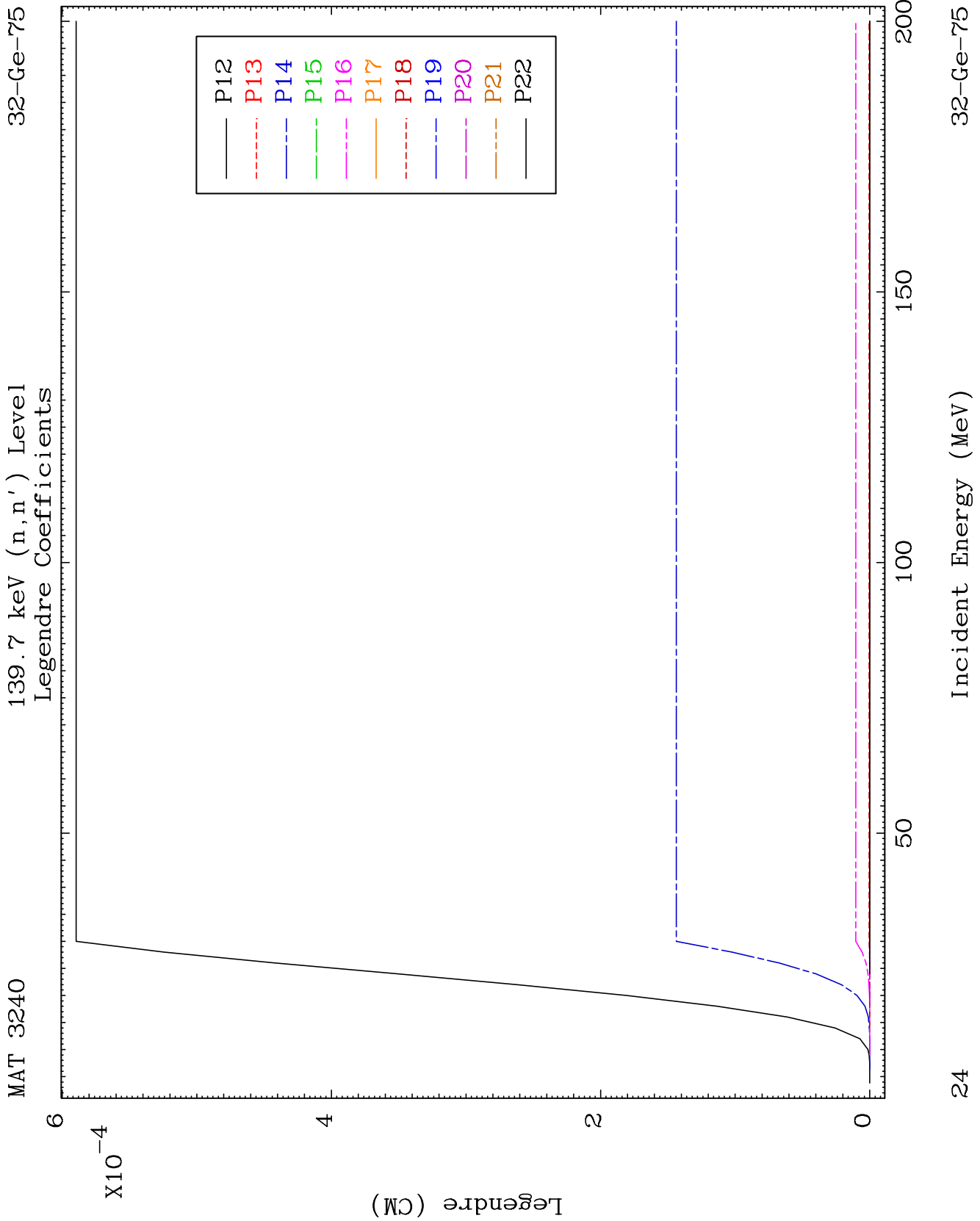


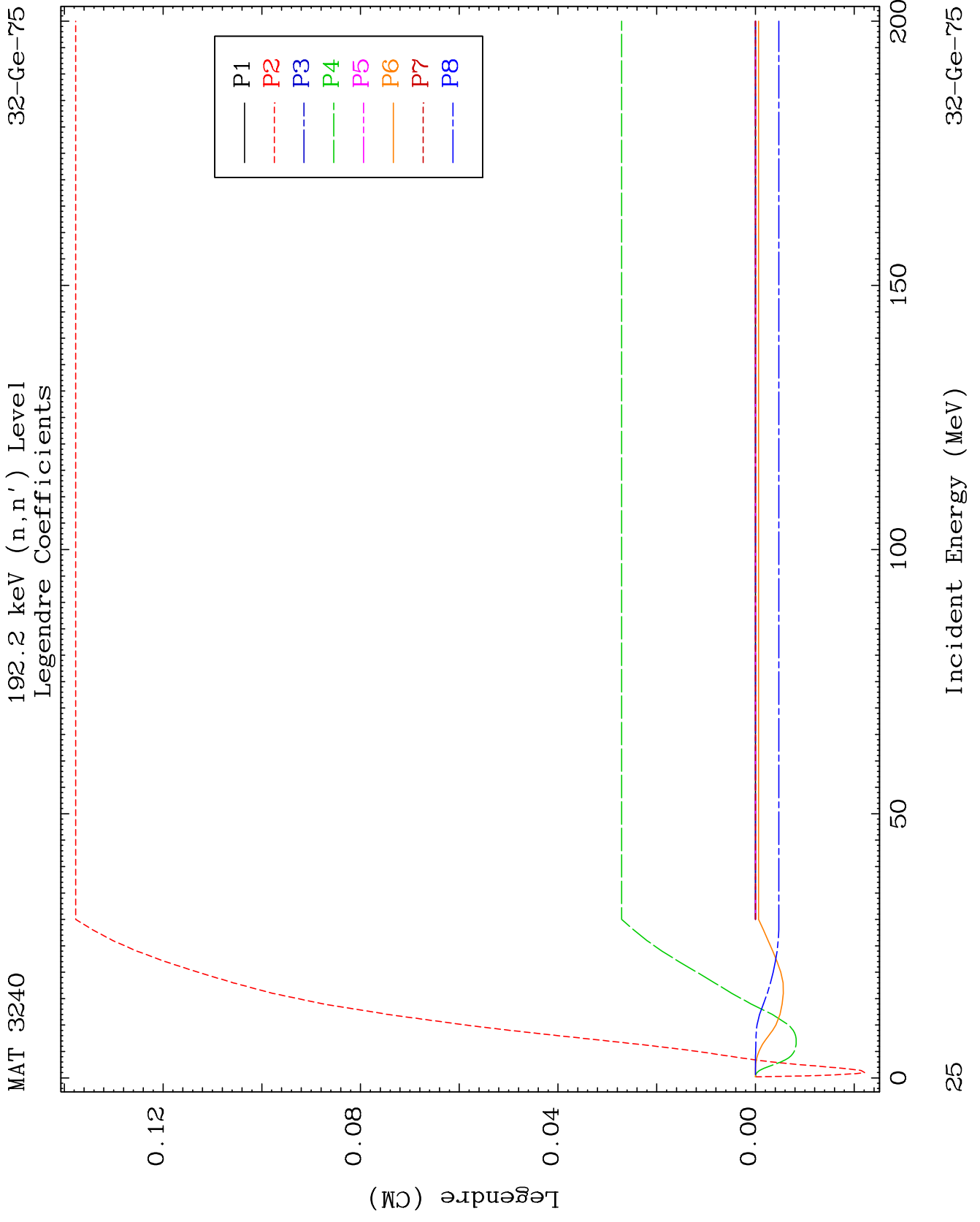


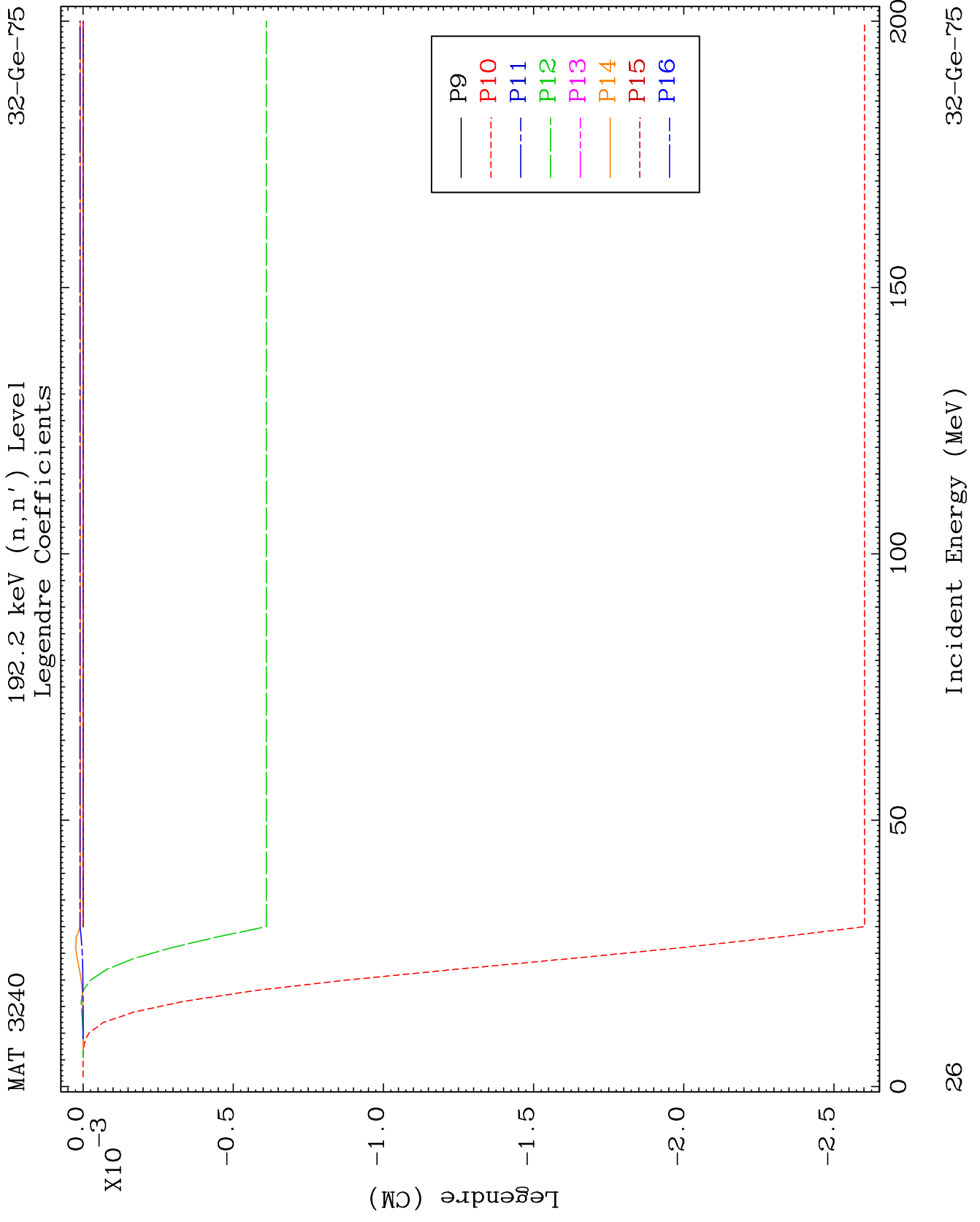




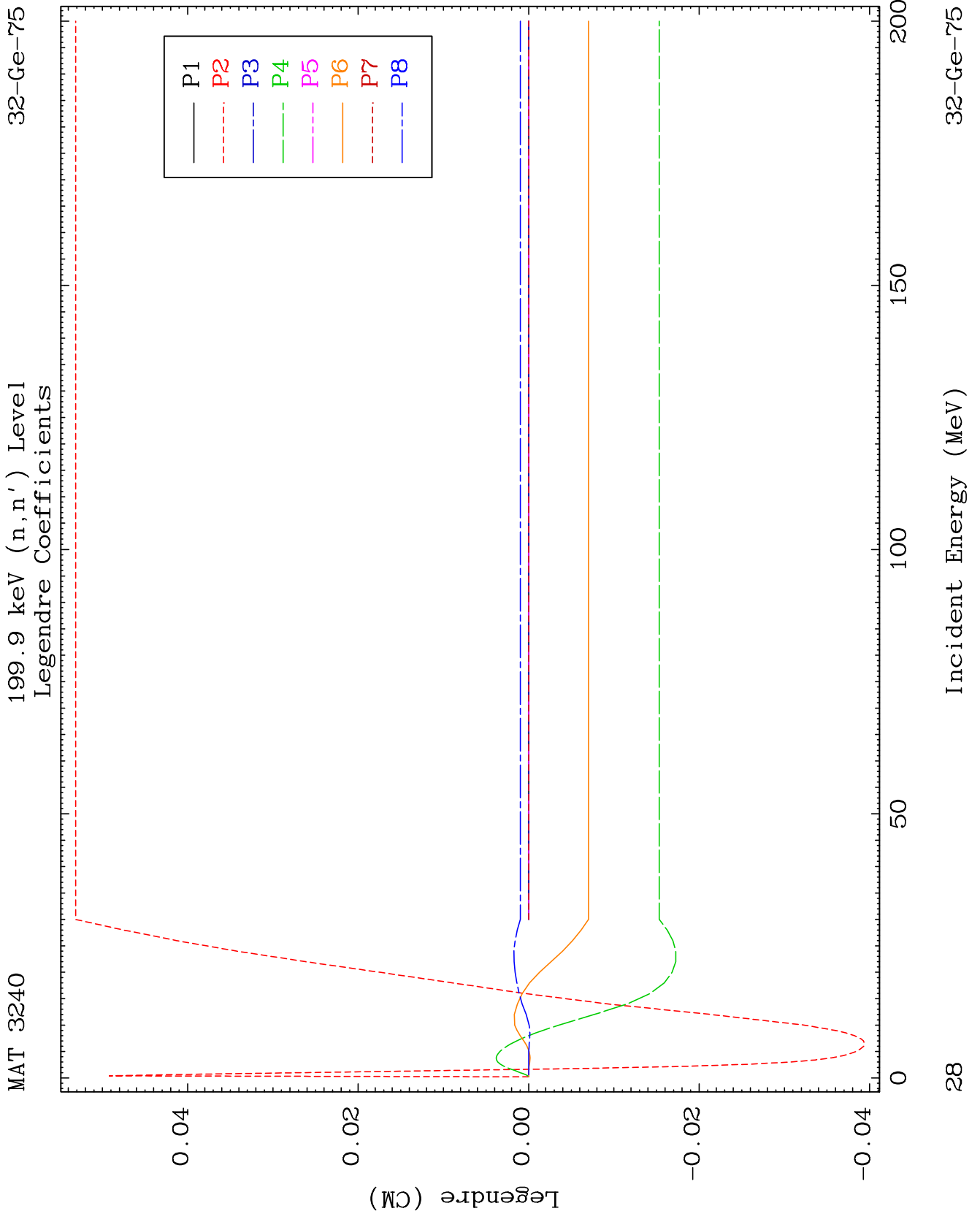






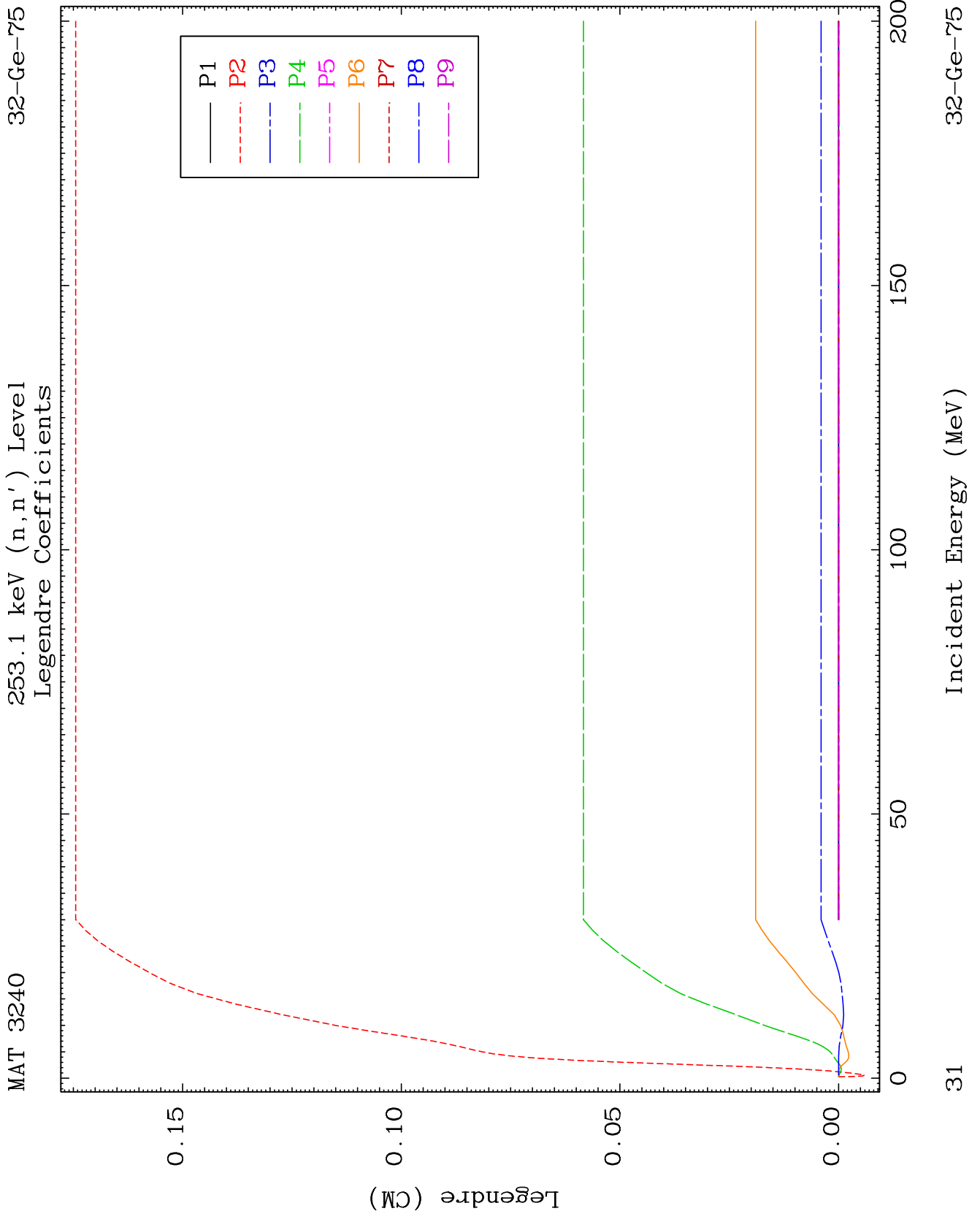




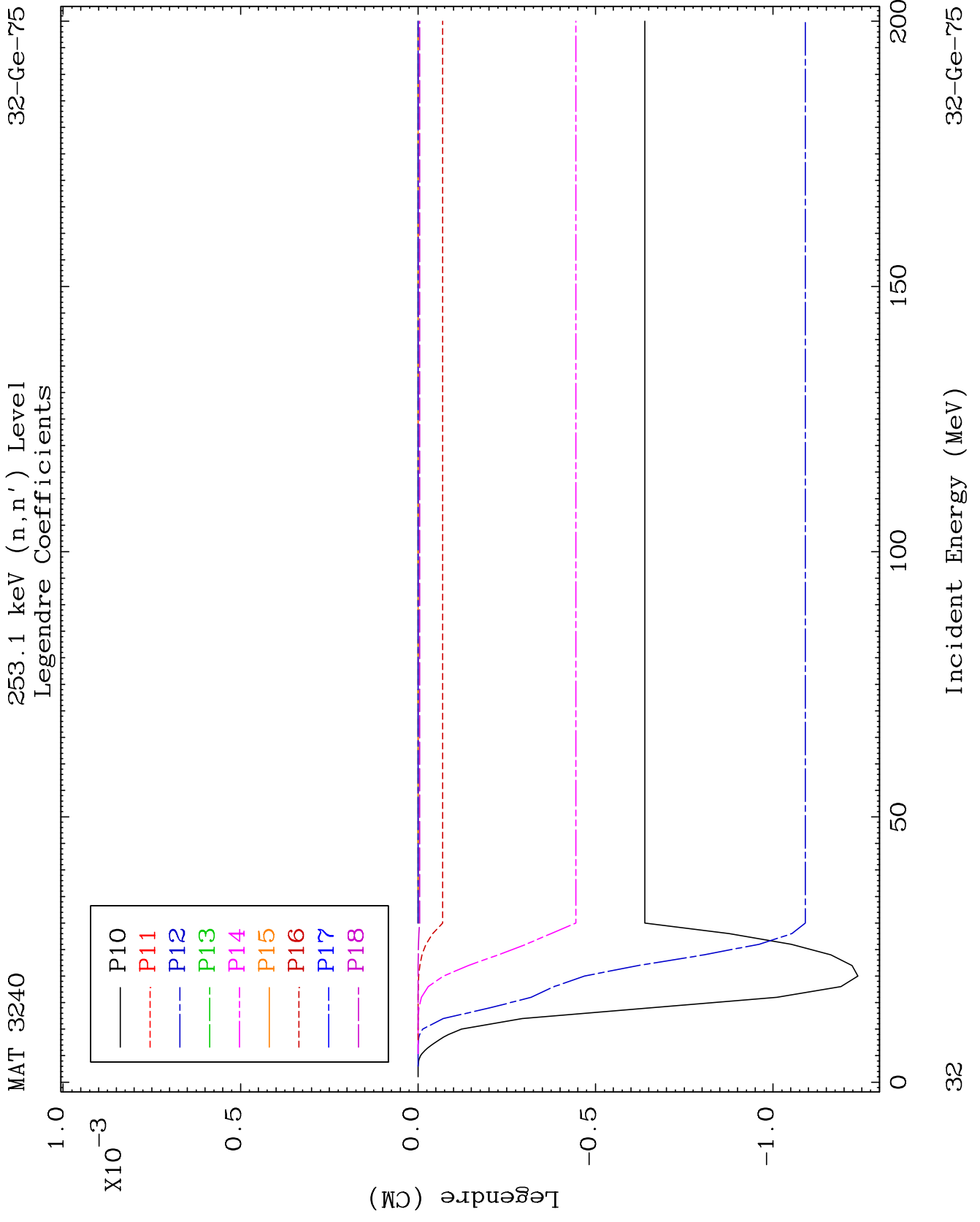


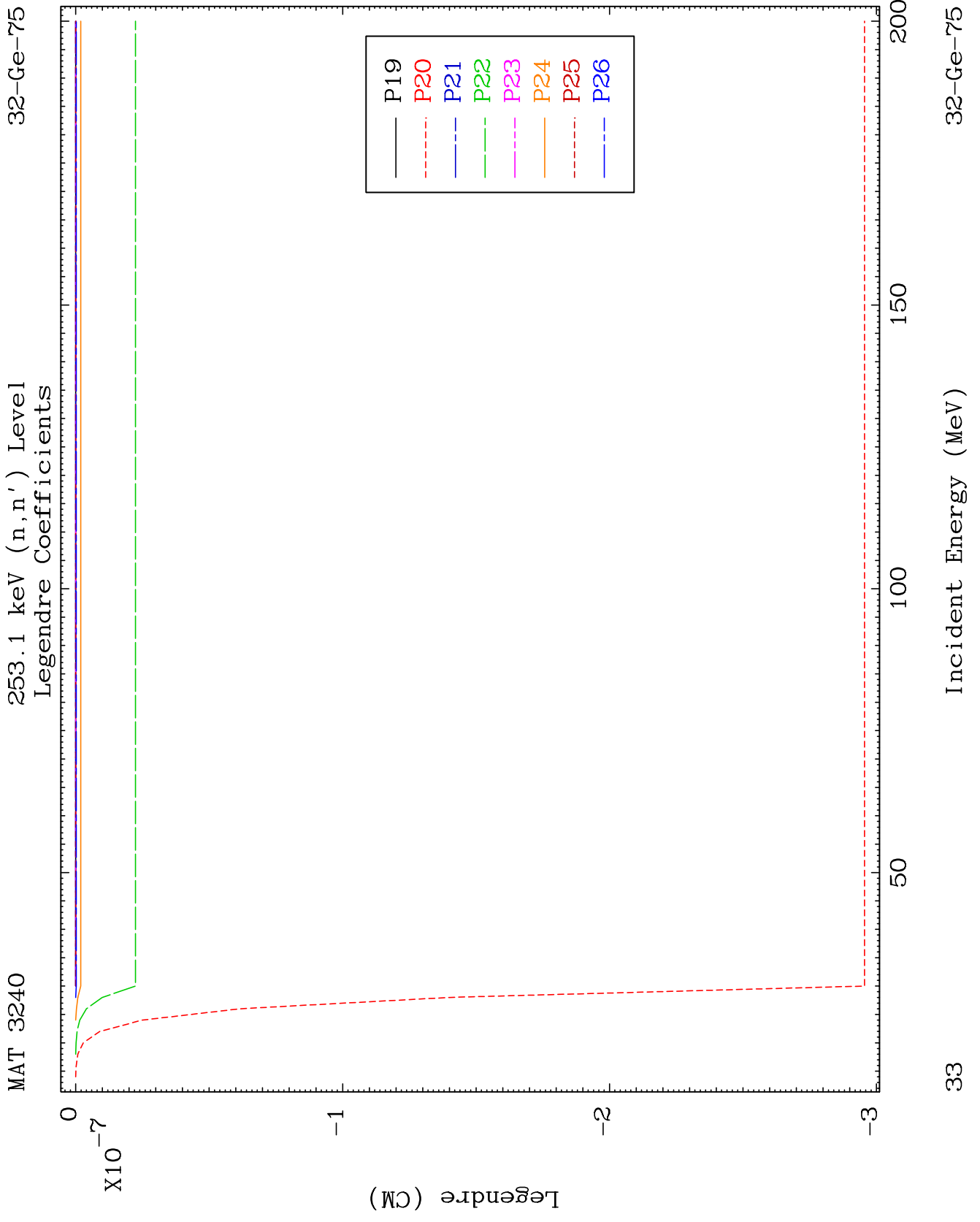


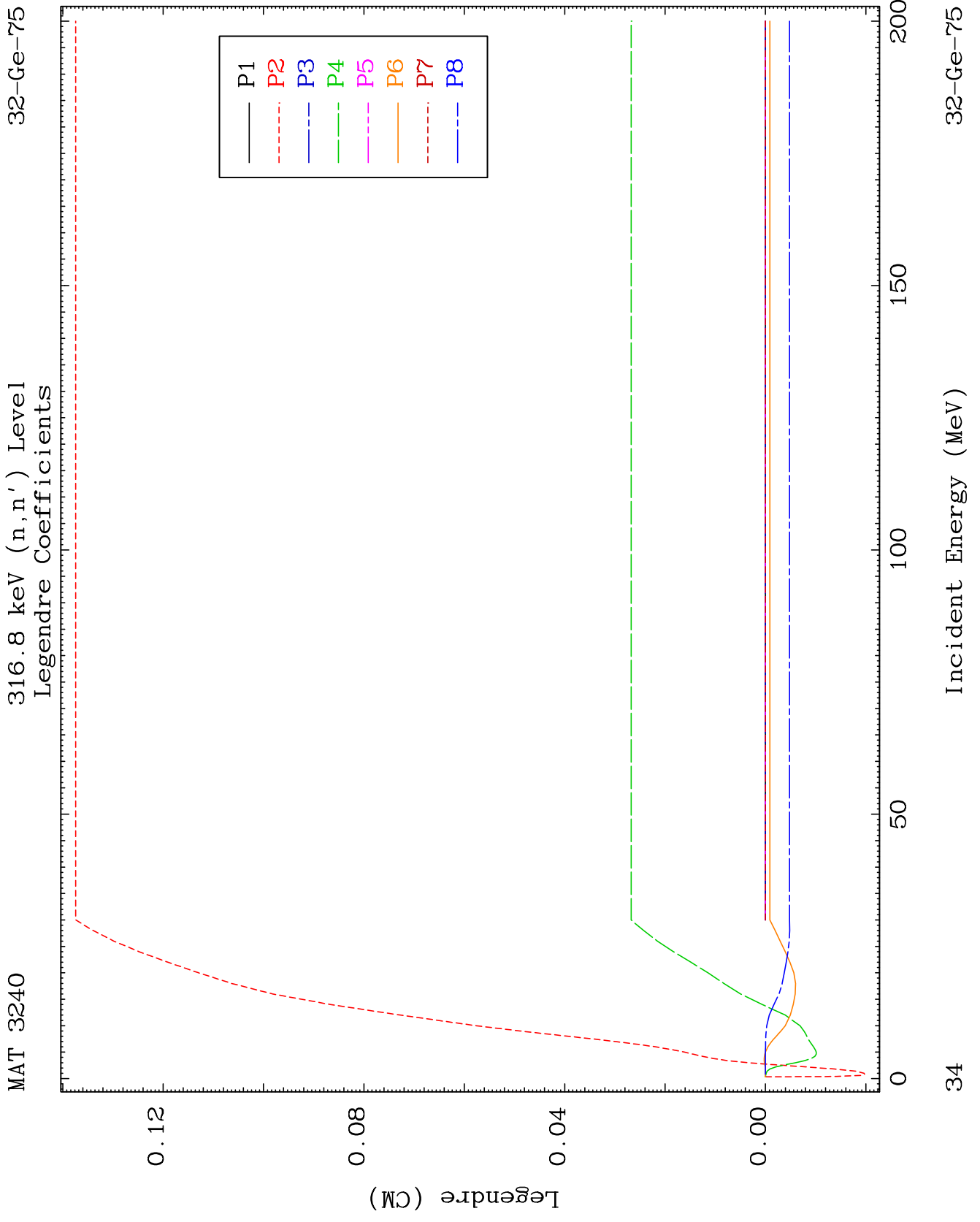










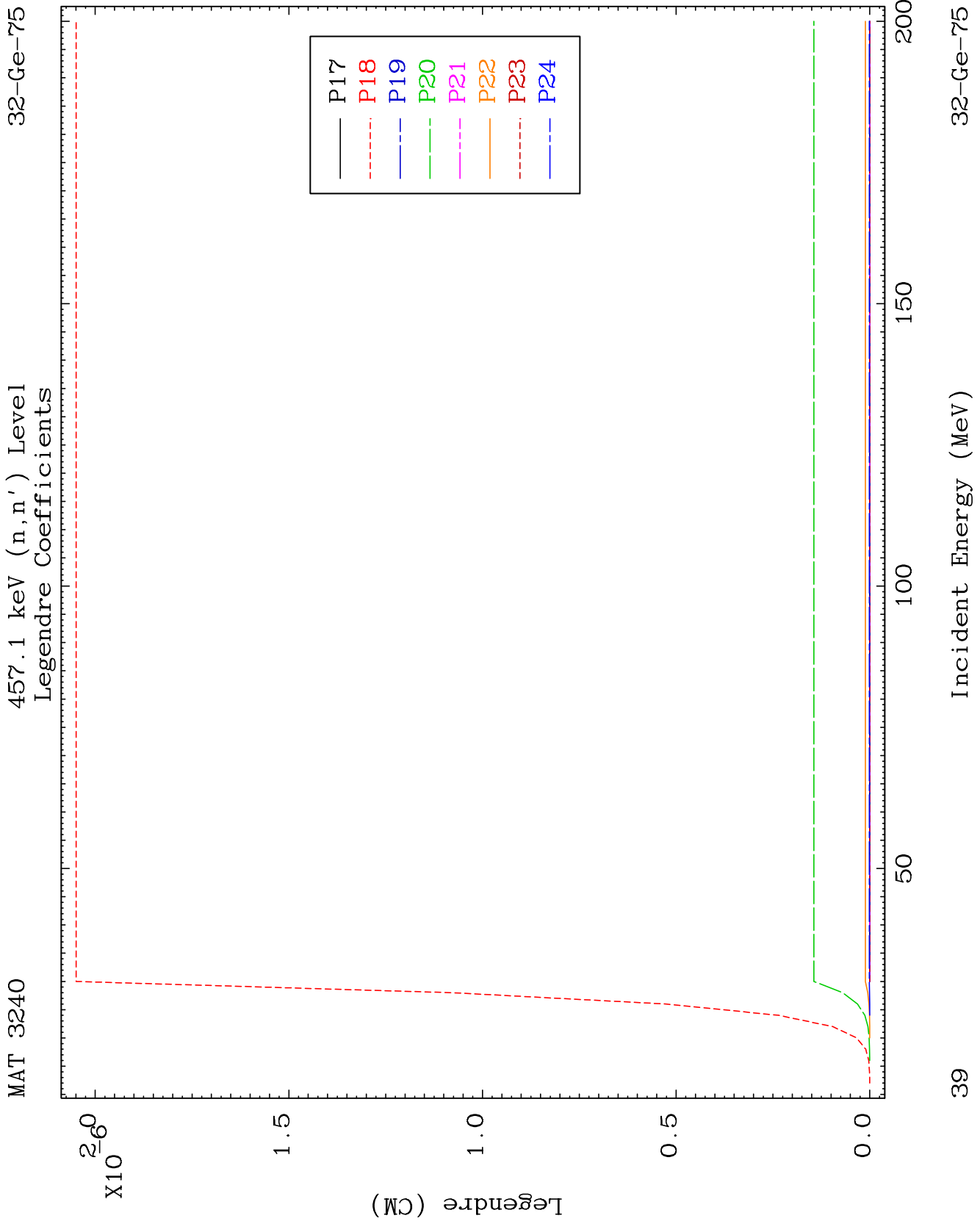






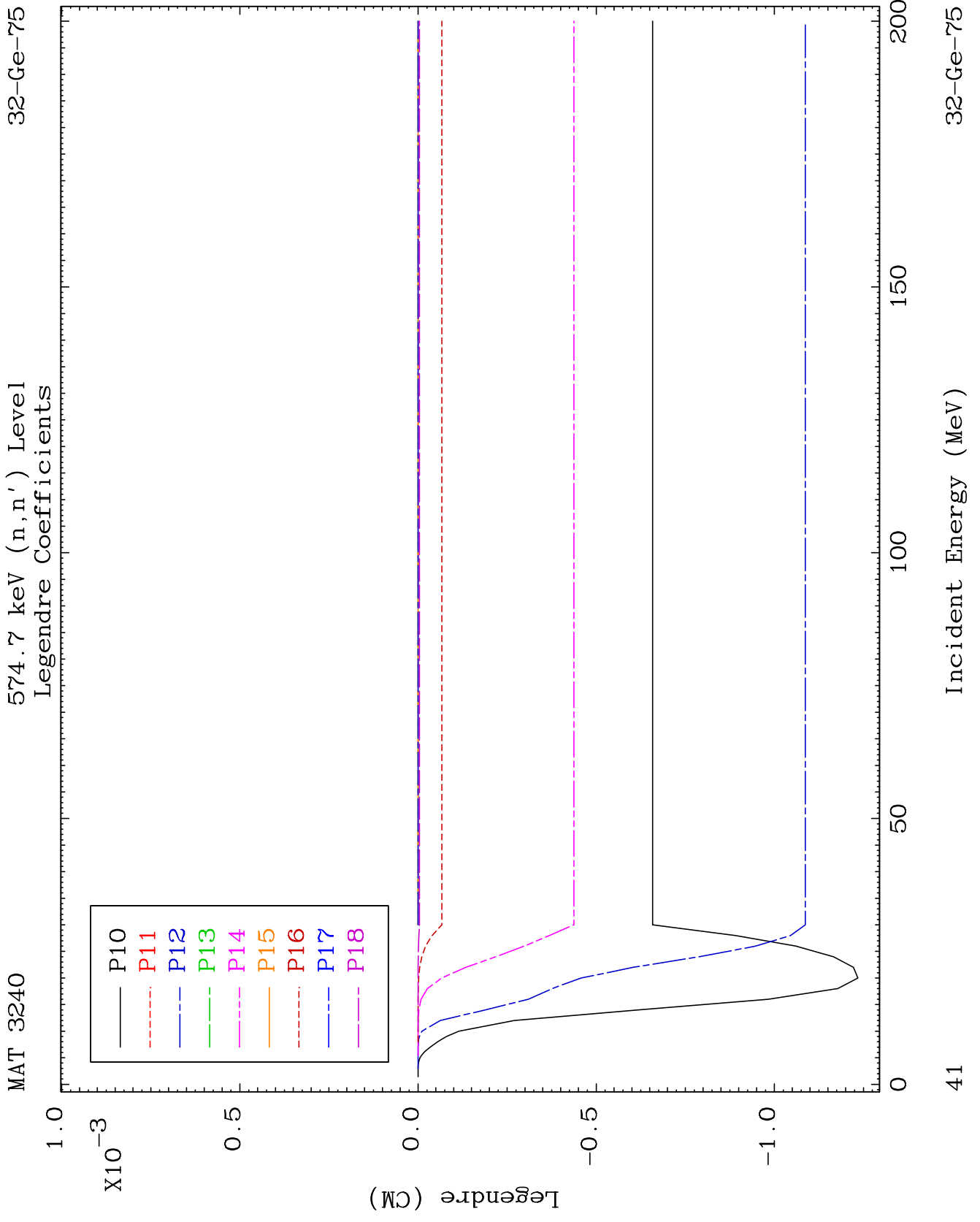


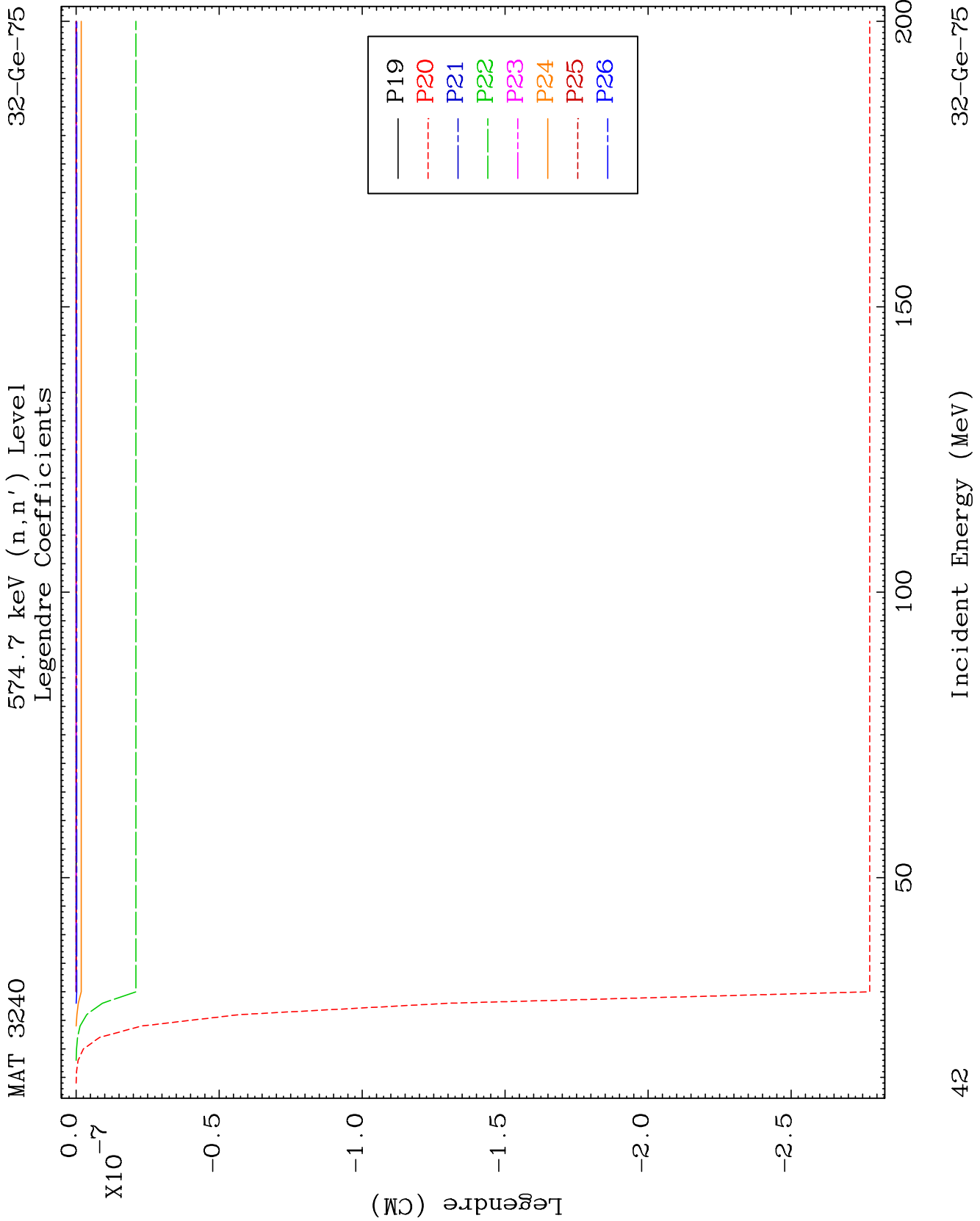




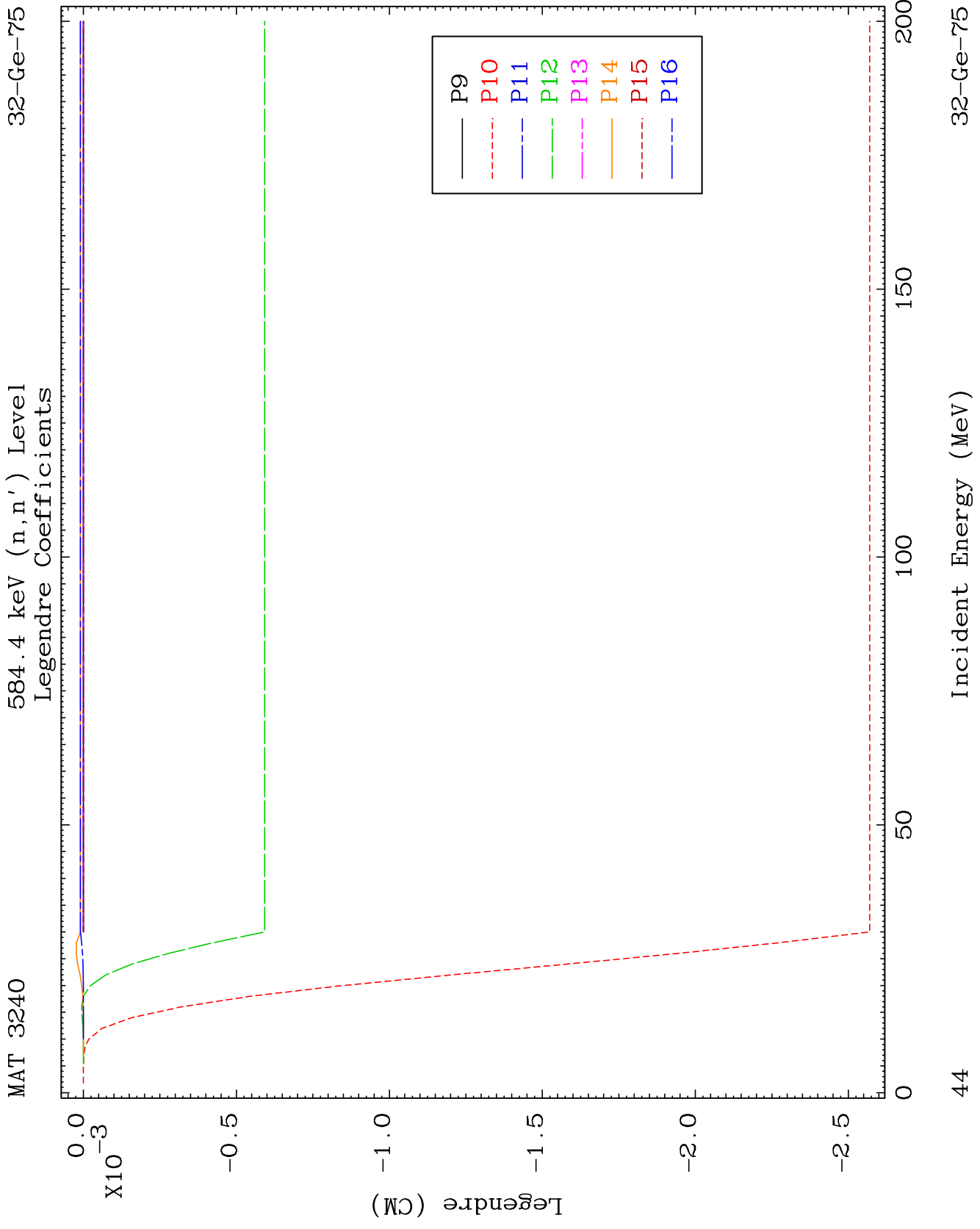




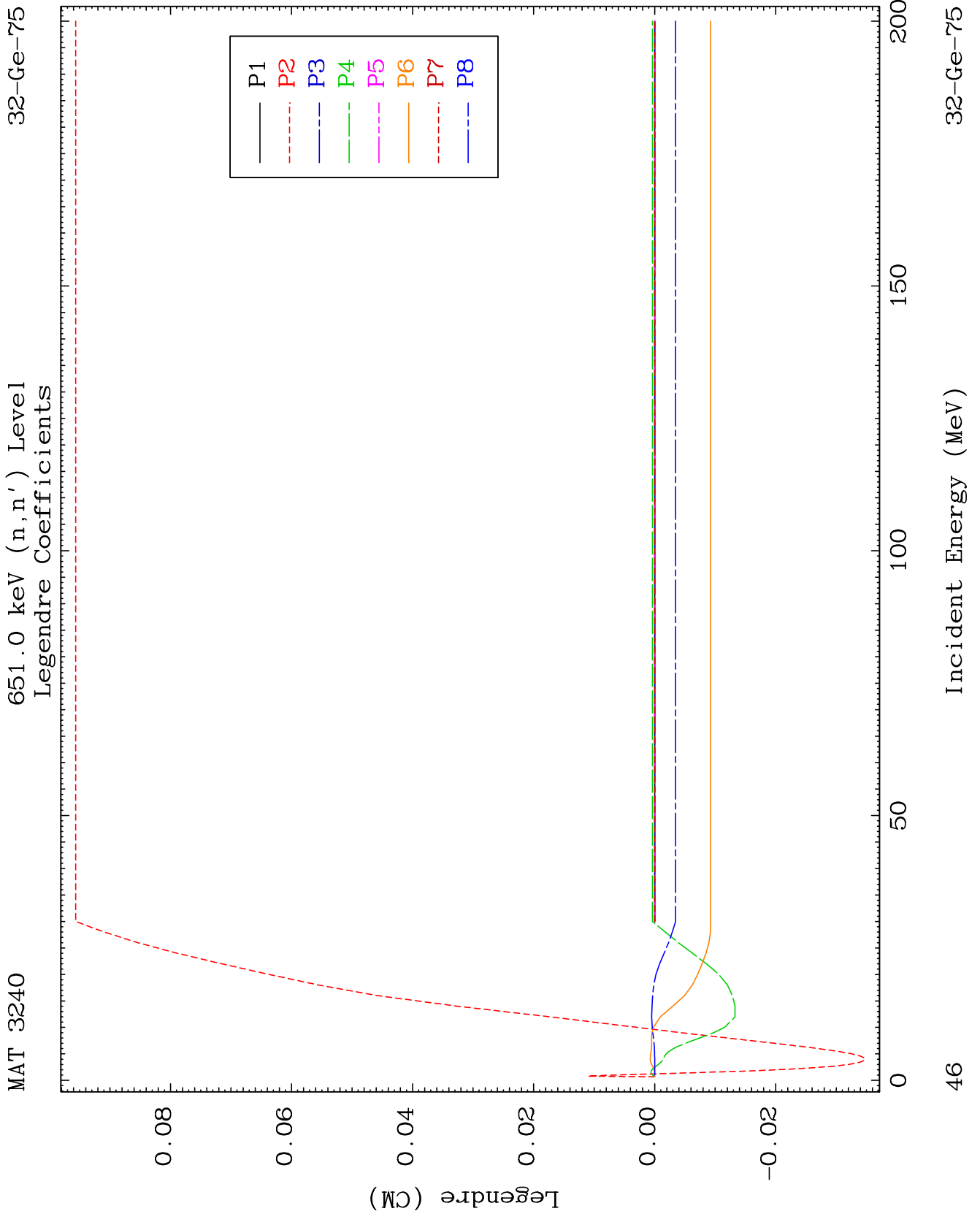






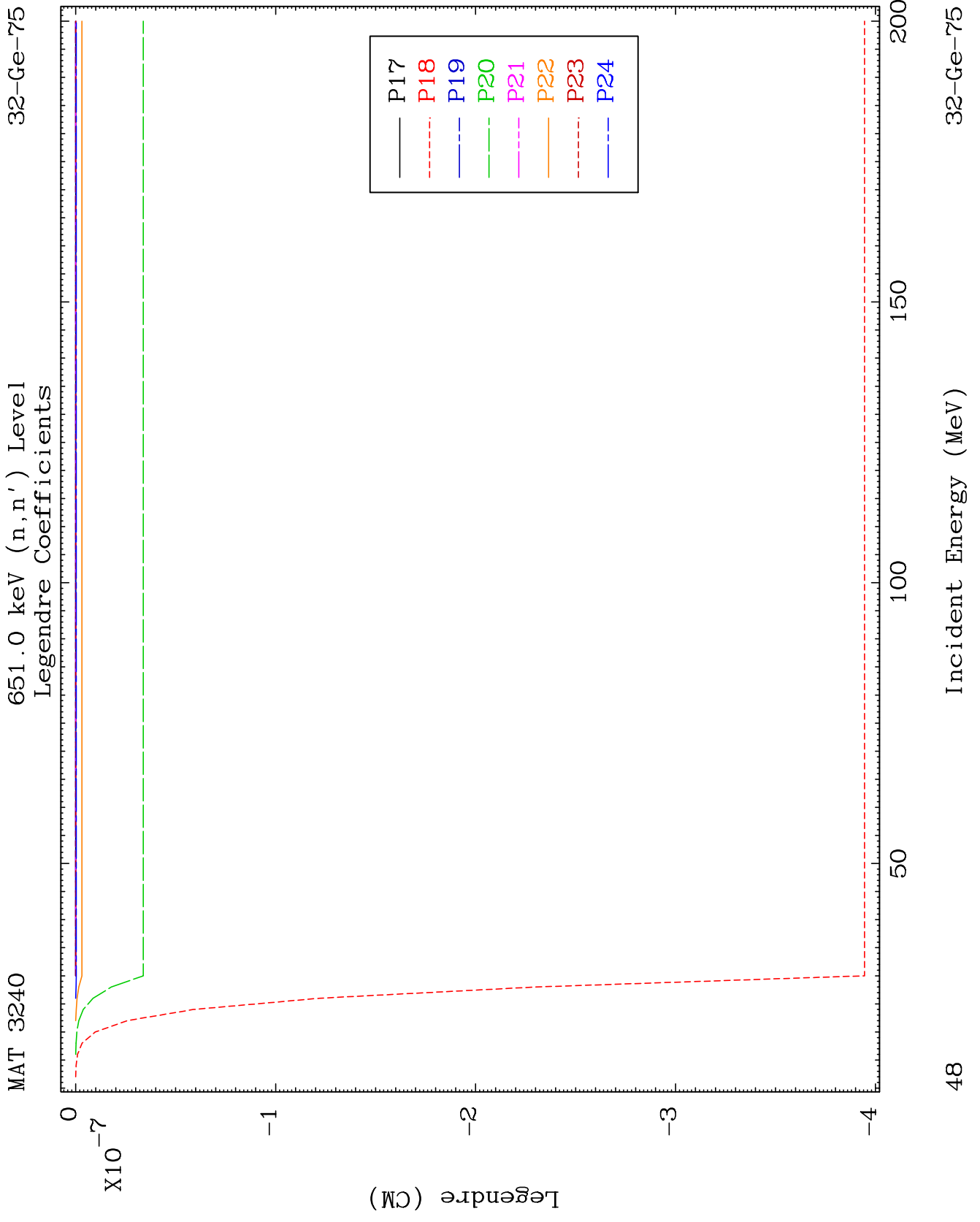










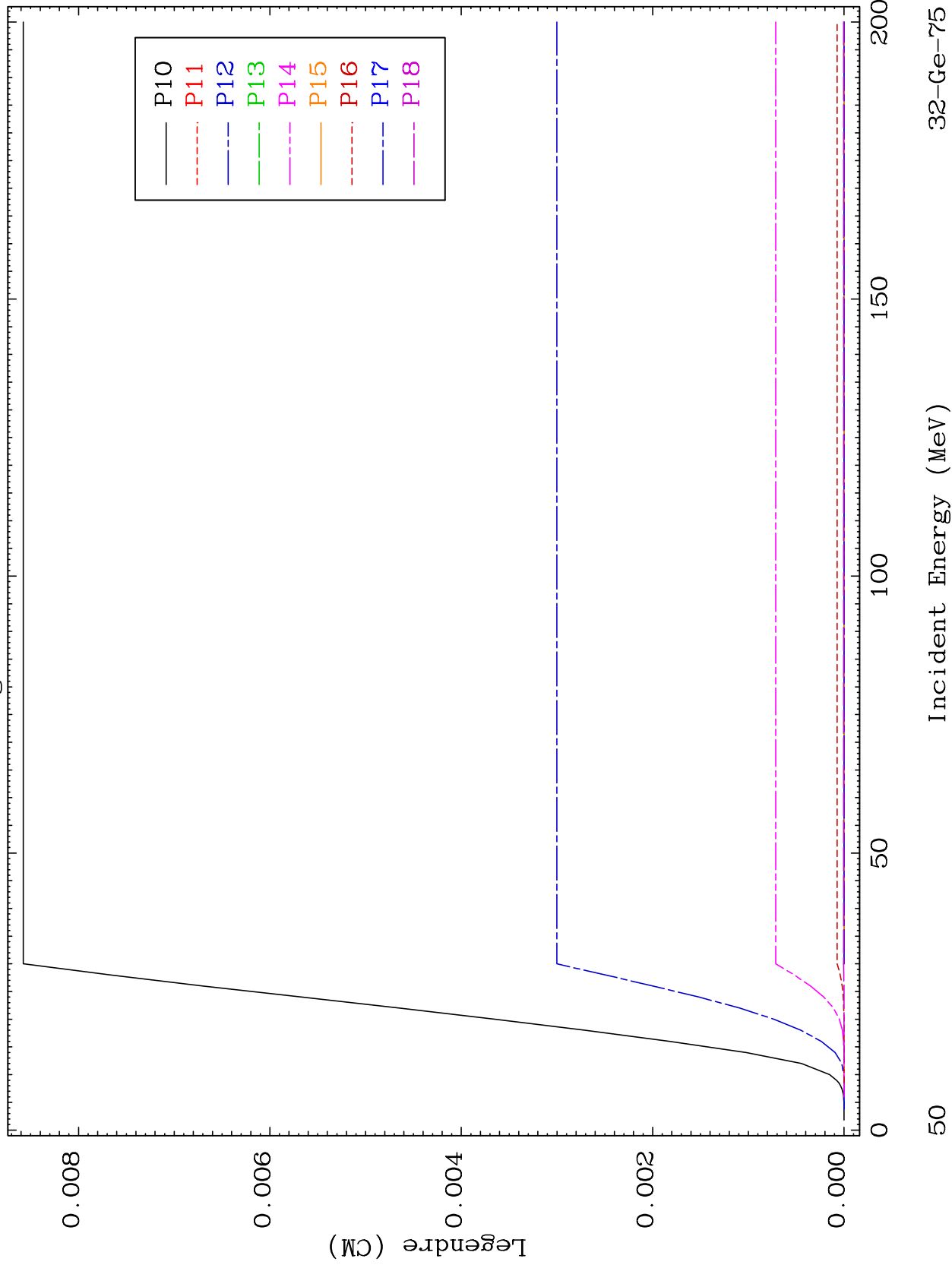




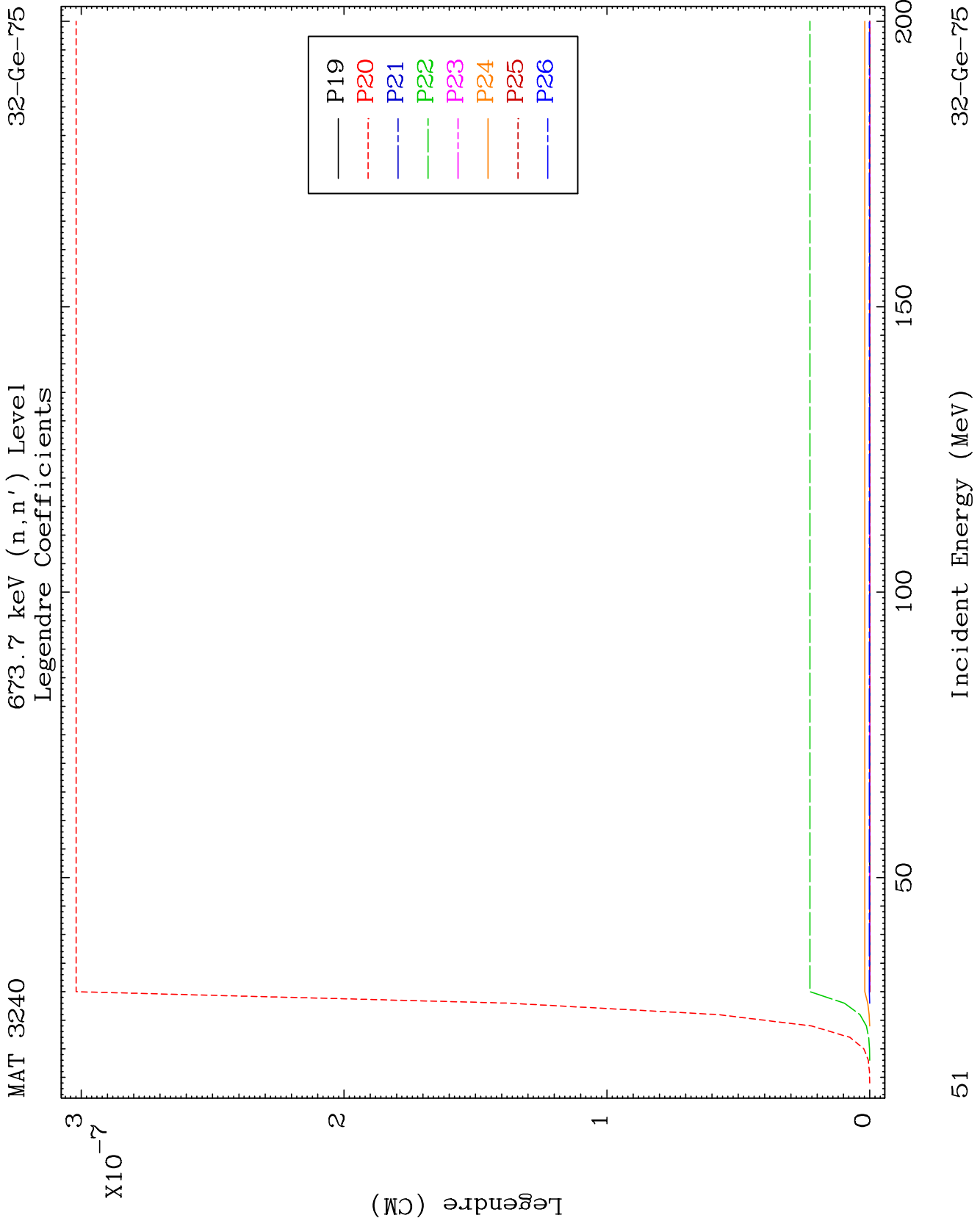
MAT 3240

673.7 keV (n,n') Level  
Legendre Coefficients

32-Ge-75



32-Ge-75

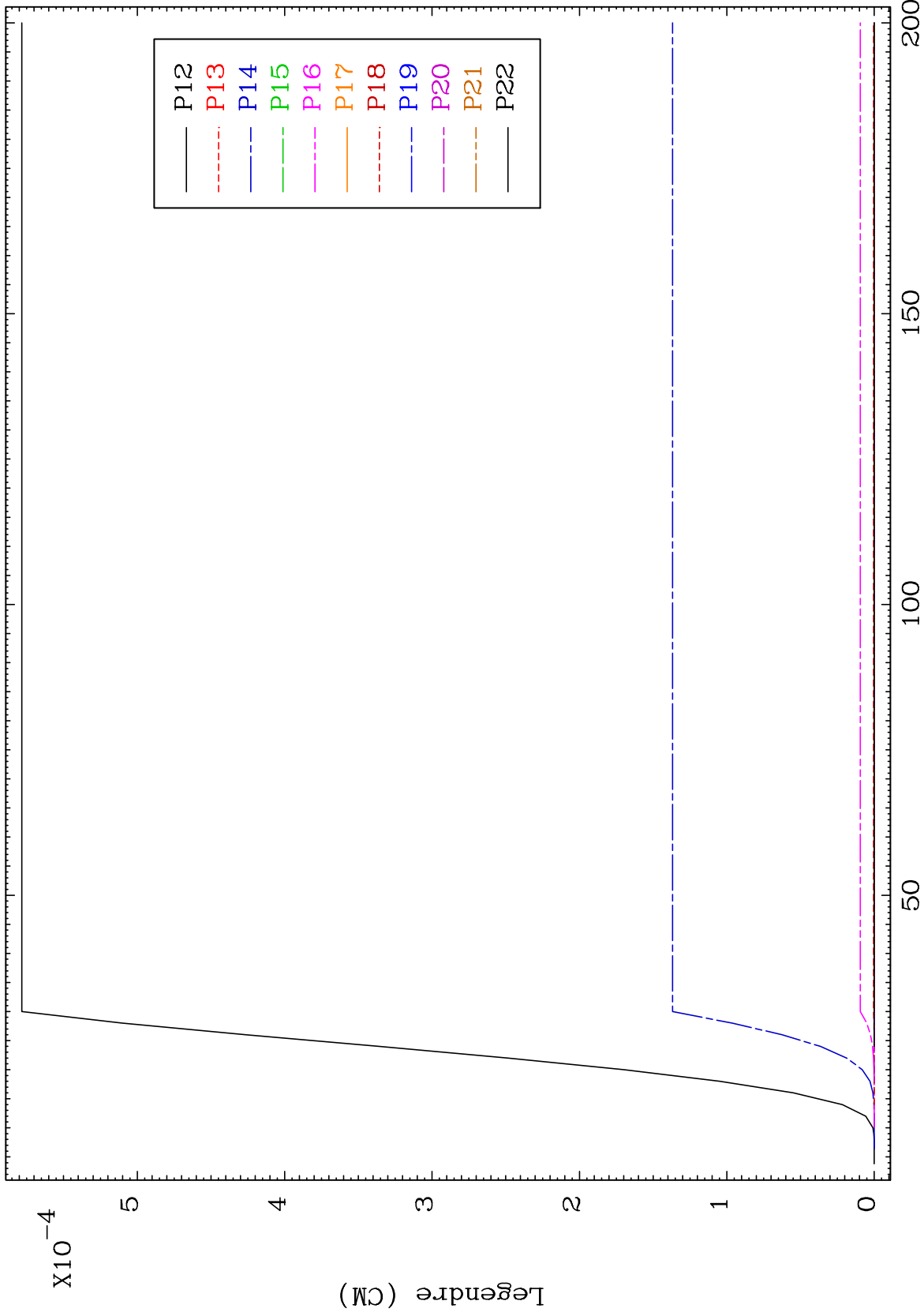




MAT 3240

759.5 keV (n,n') Level  
Legendre Coefficients

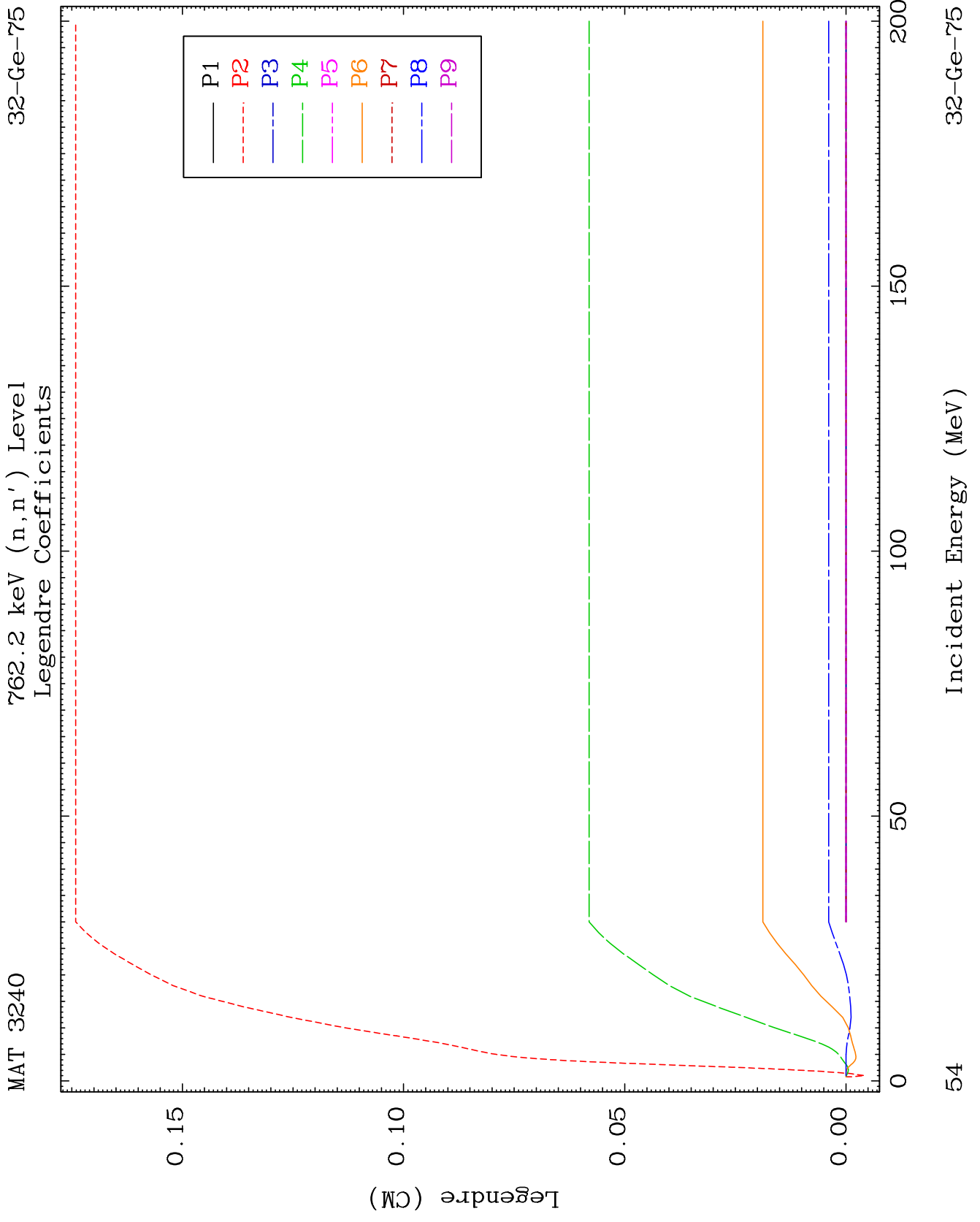
32-Ge-75



53

Incident Energy (MeV)

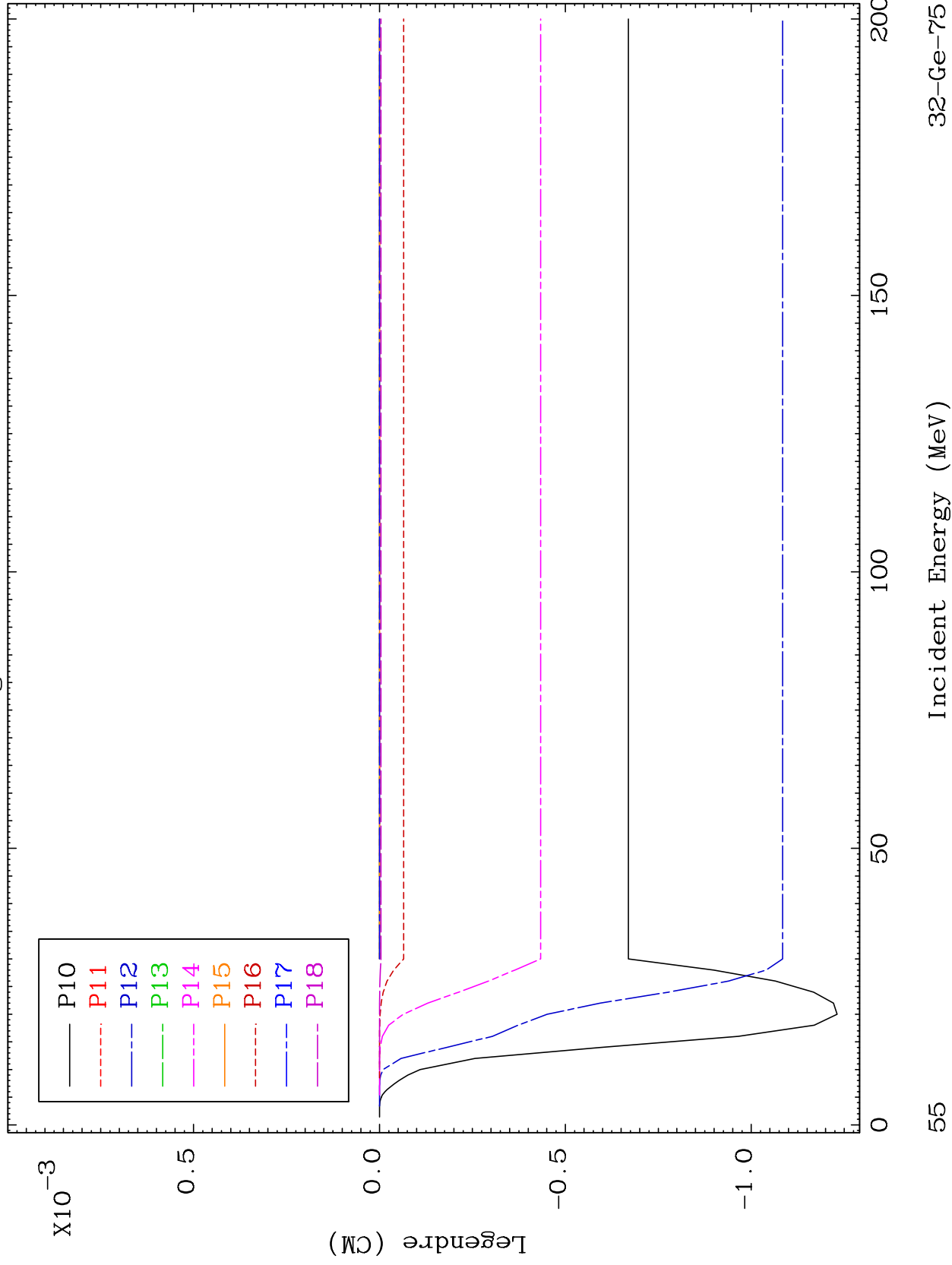
32-Ge-75



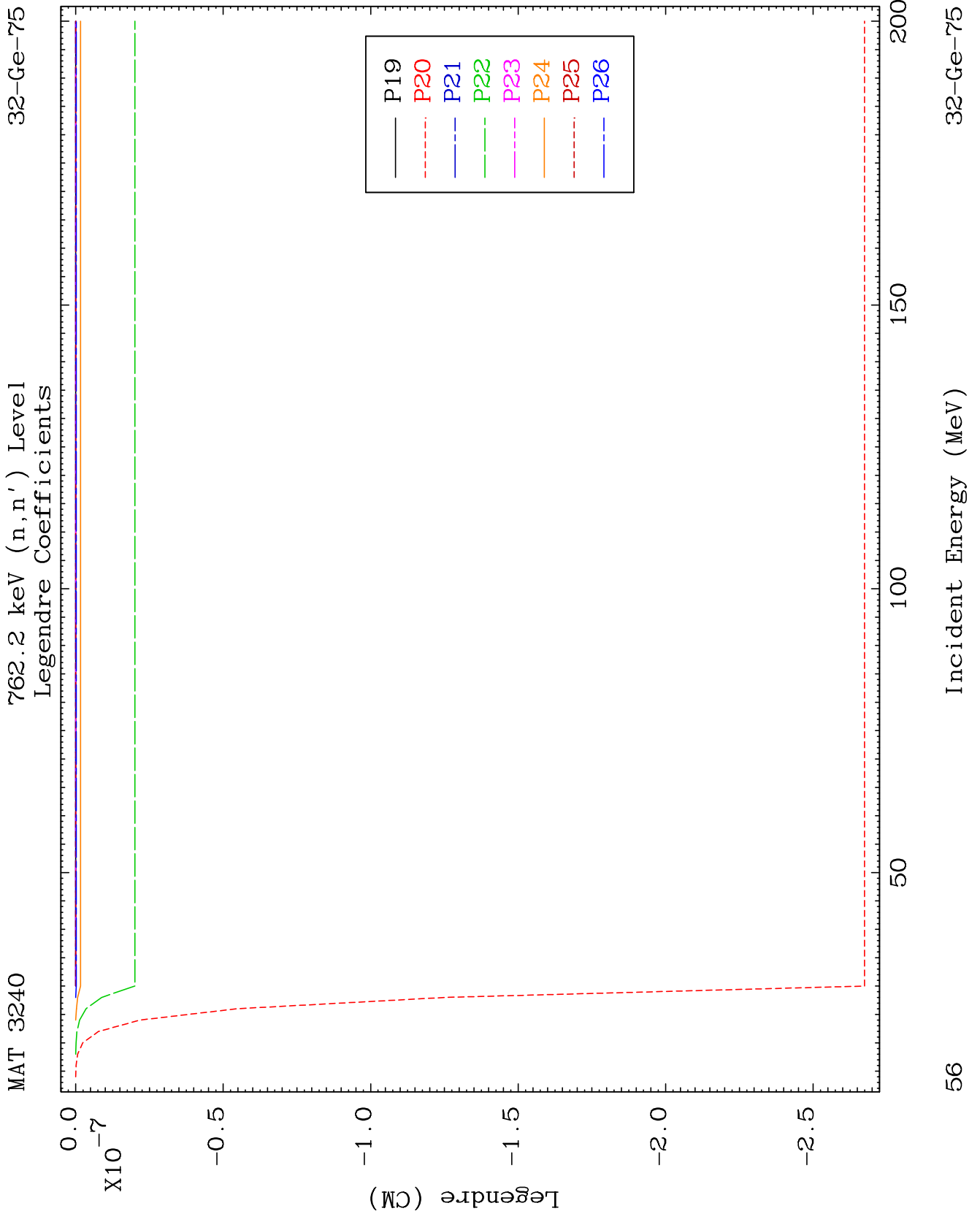
MAT 3240

762.2 keV (n, n') Level  
Legendre Coefficients

32-Ge-75



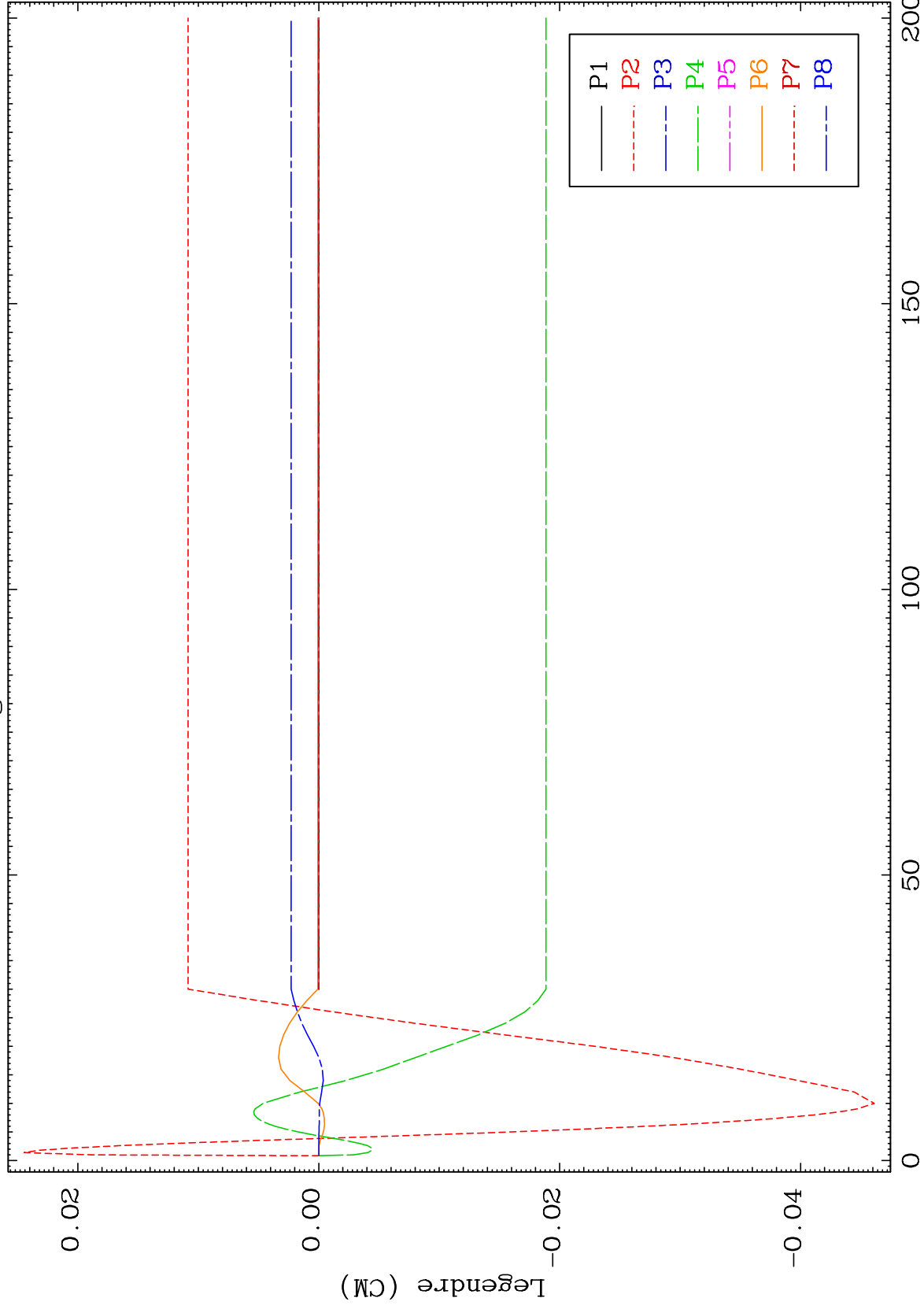




MAT 3240

830.0 keV (n,n') Level  
Legendre Coefficients

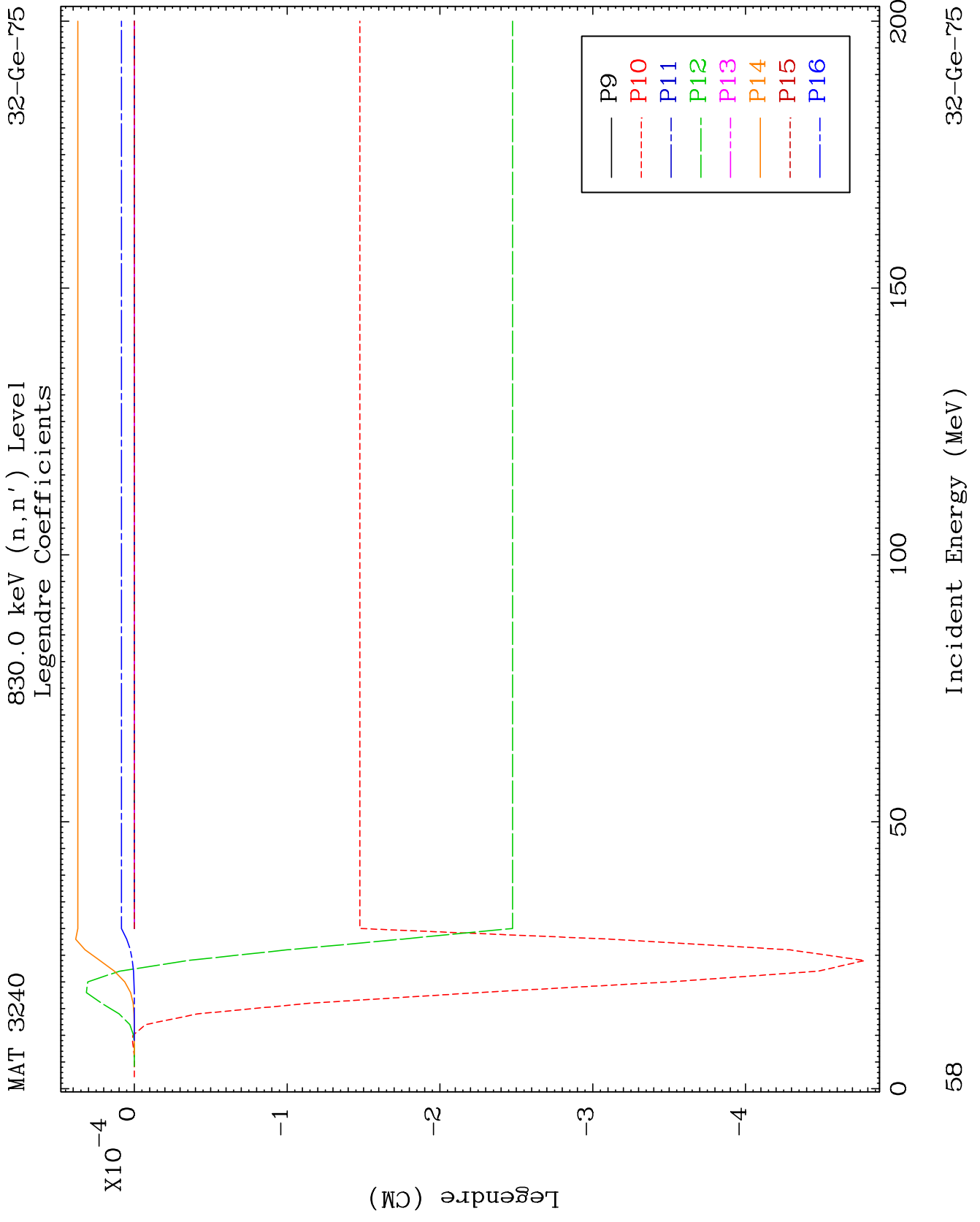
32-Ge-75



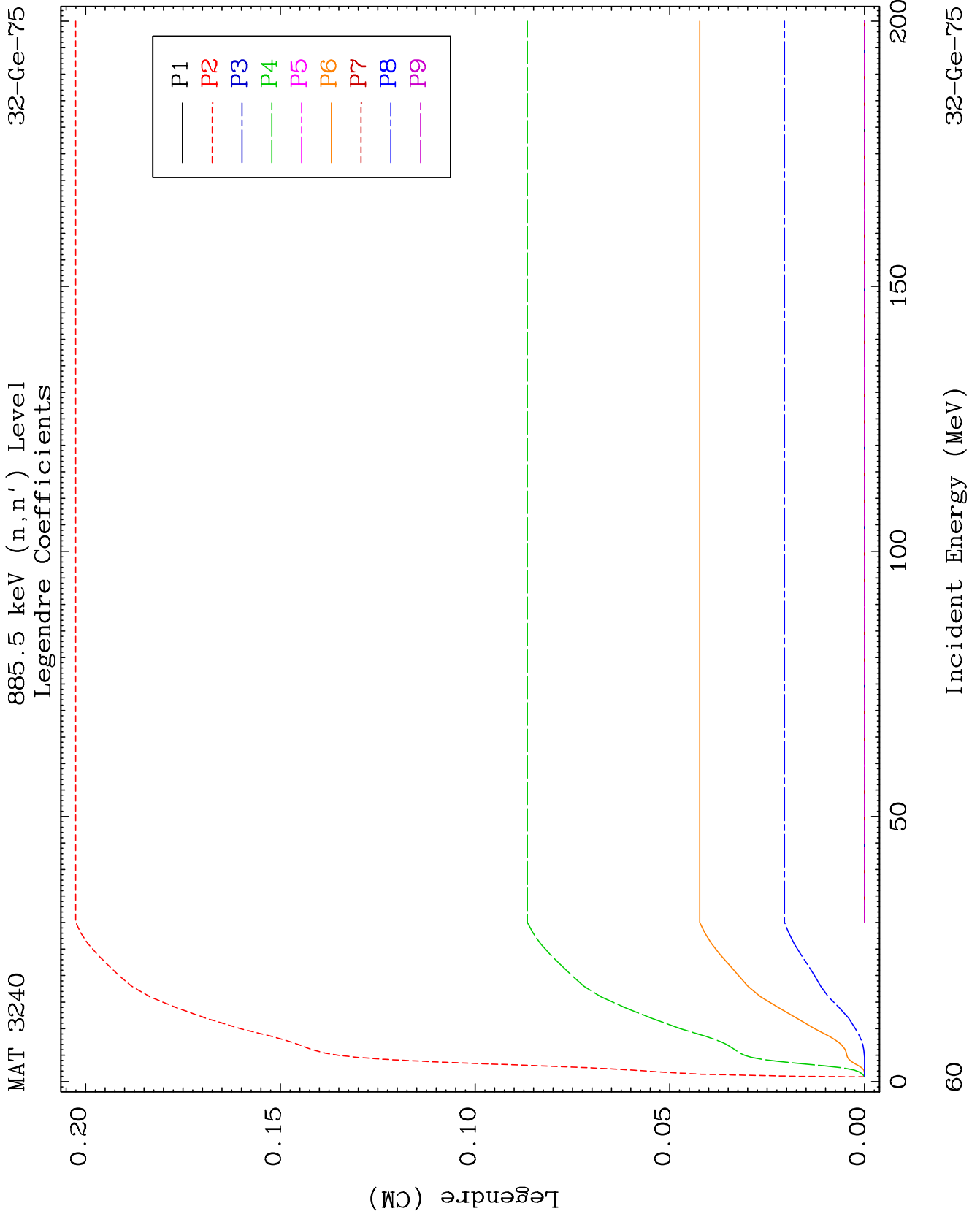
57

Incident Energy (MeV)

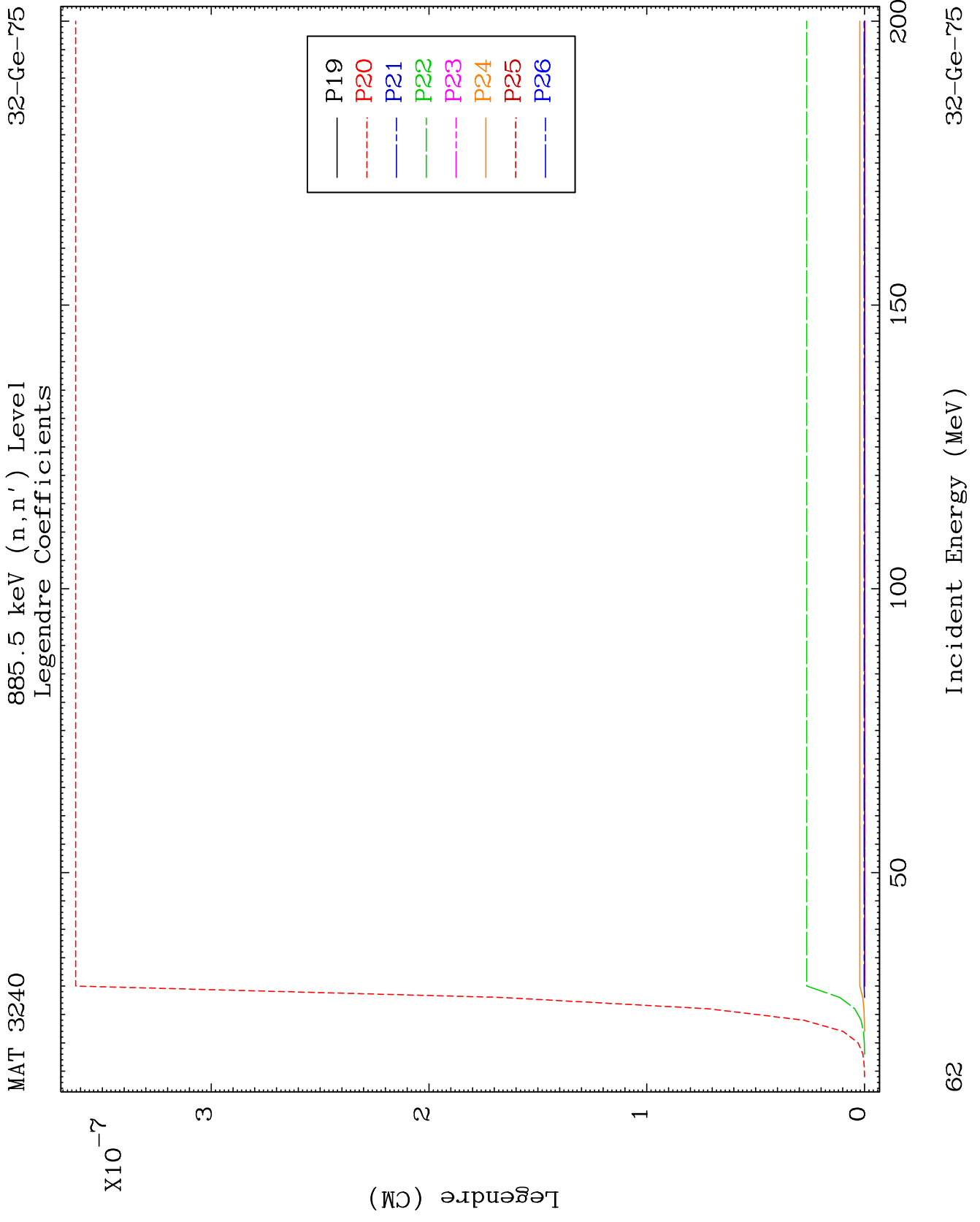
32-Ge-75

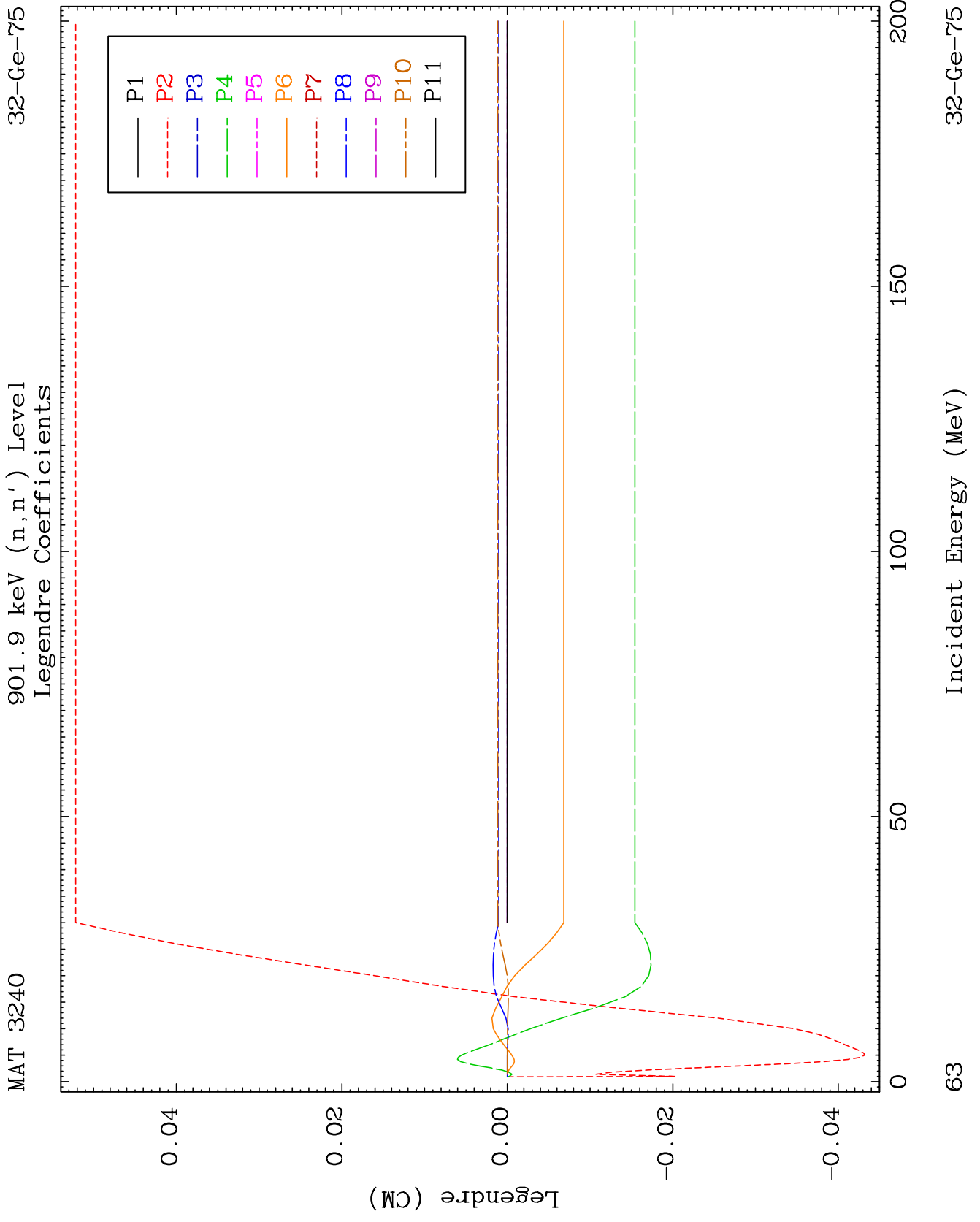




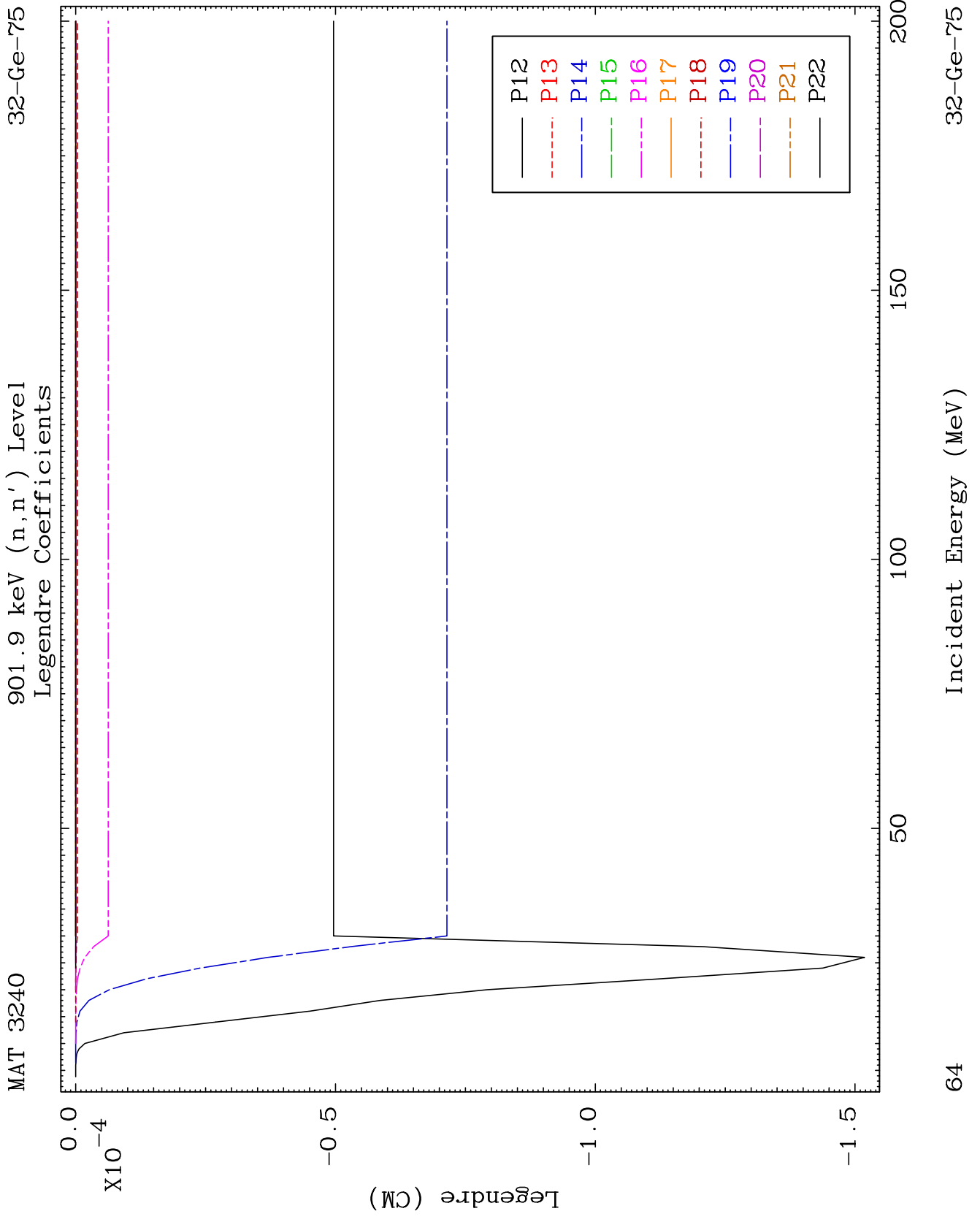




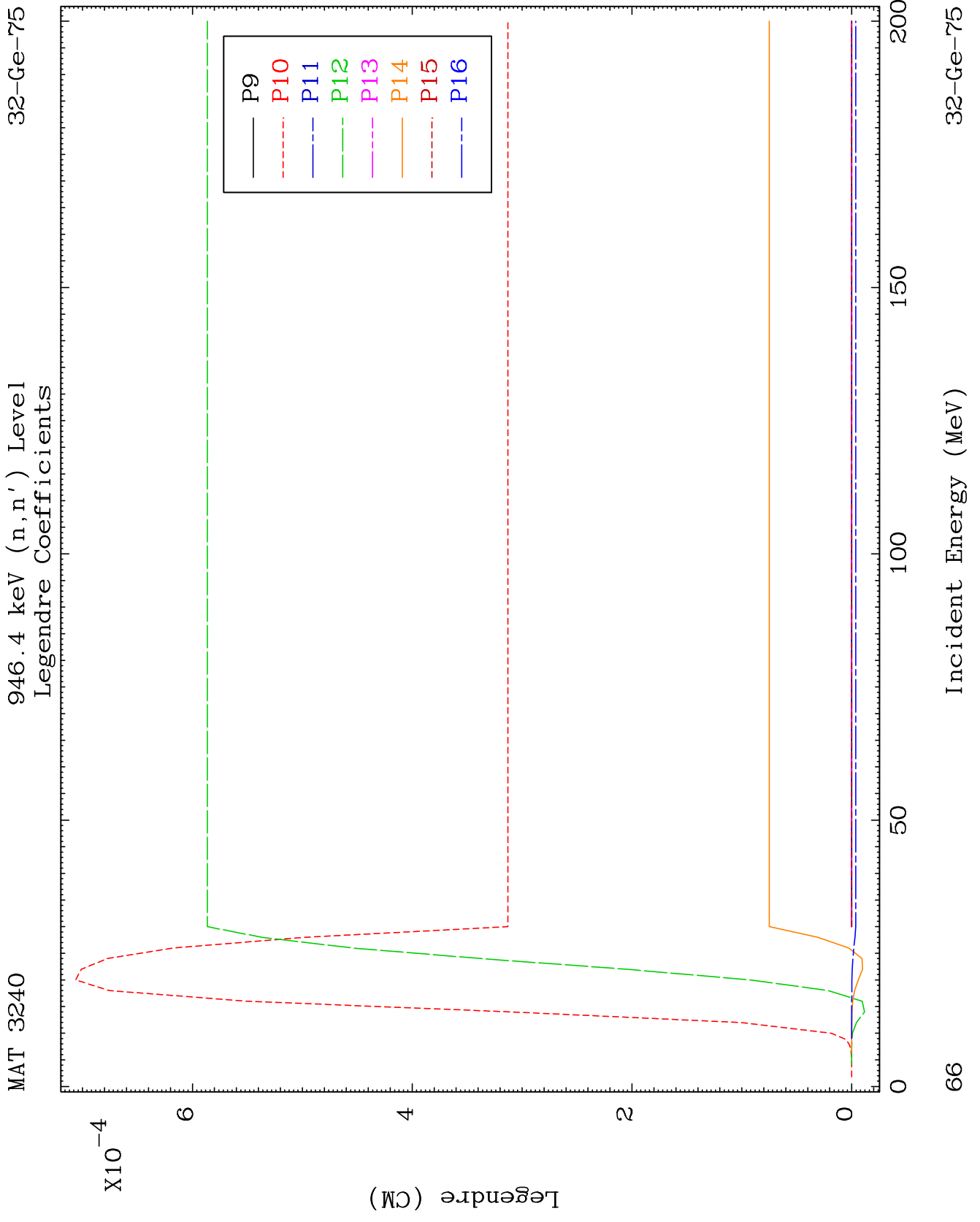


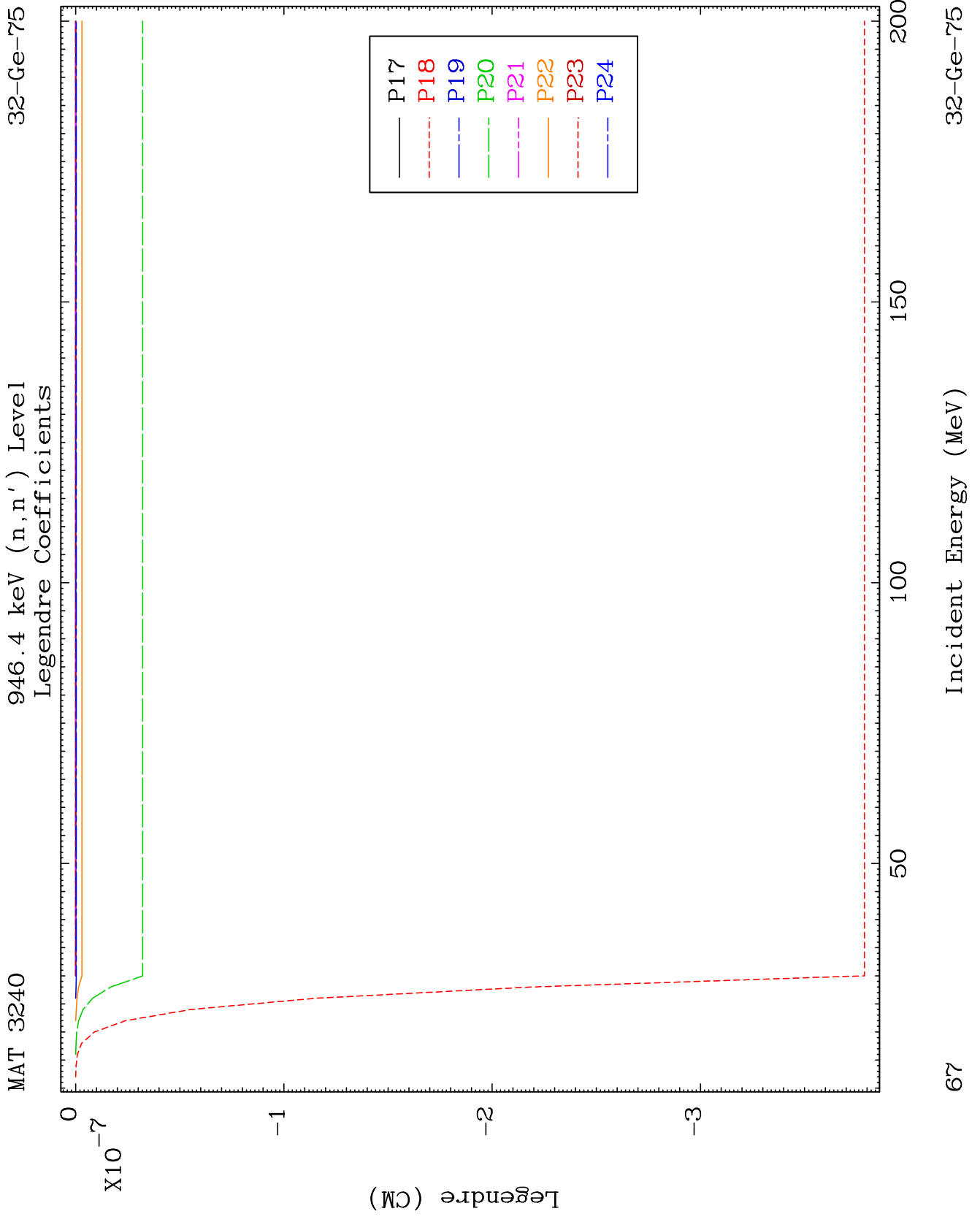


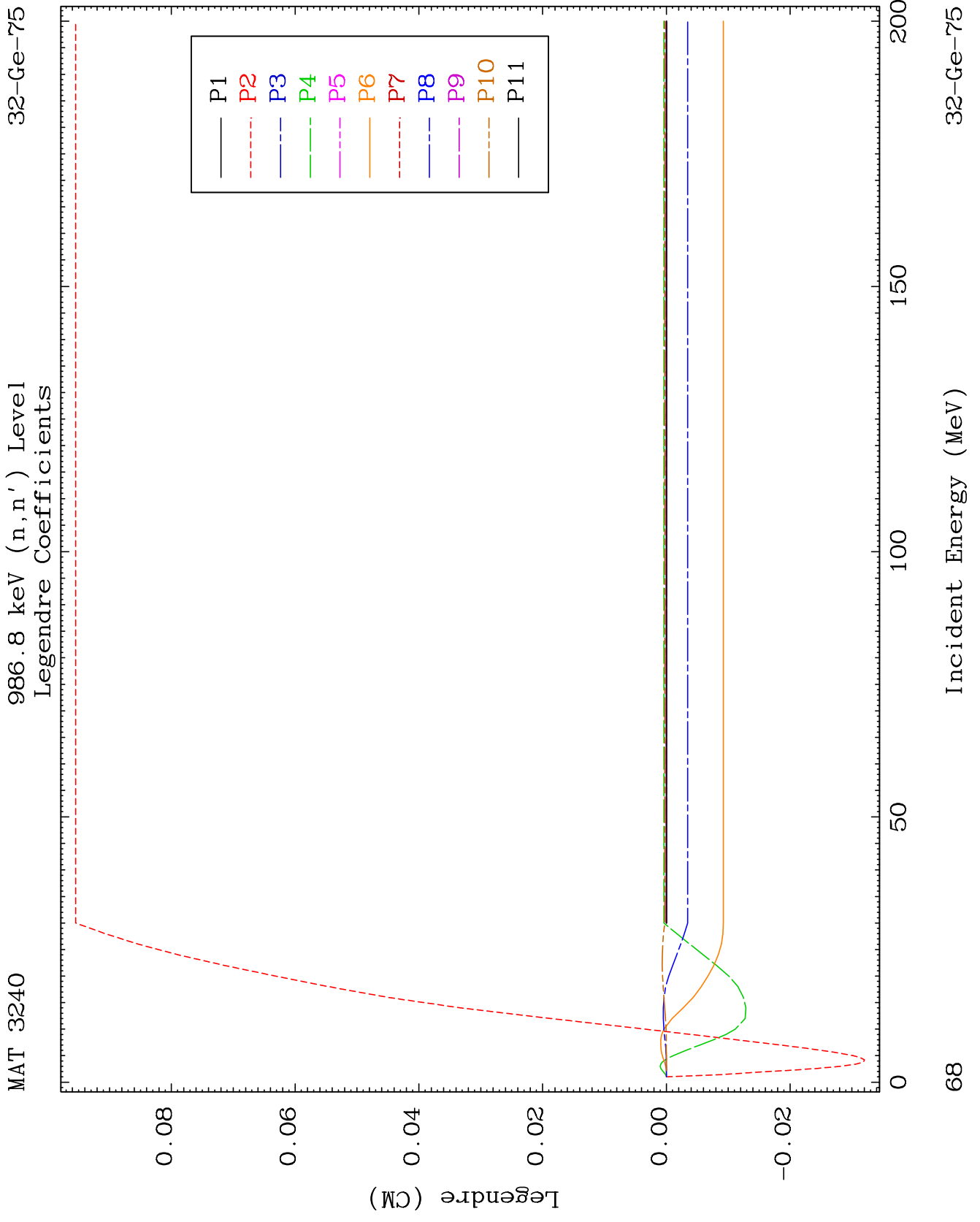


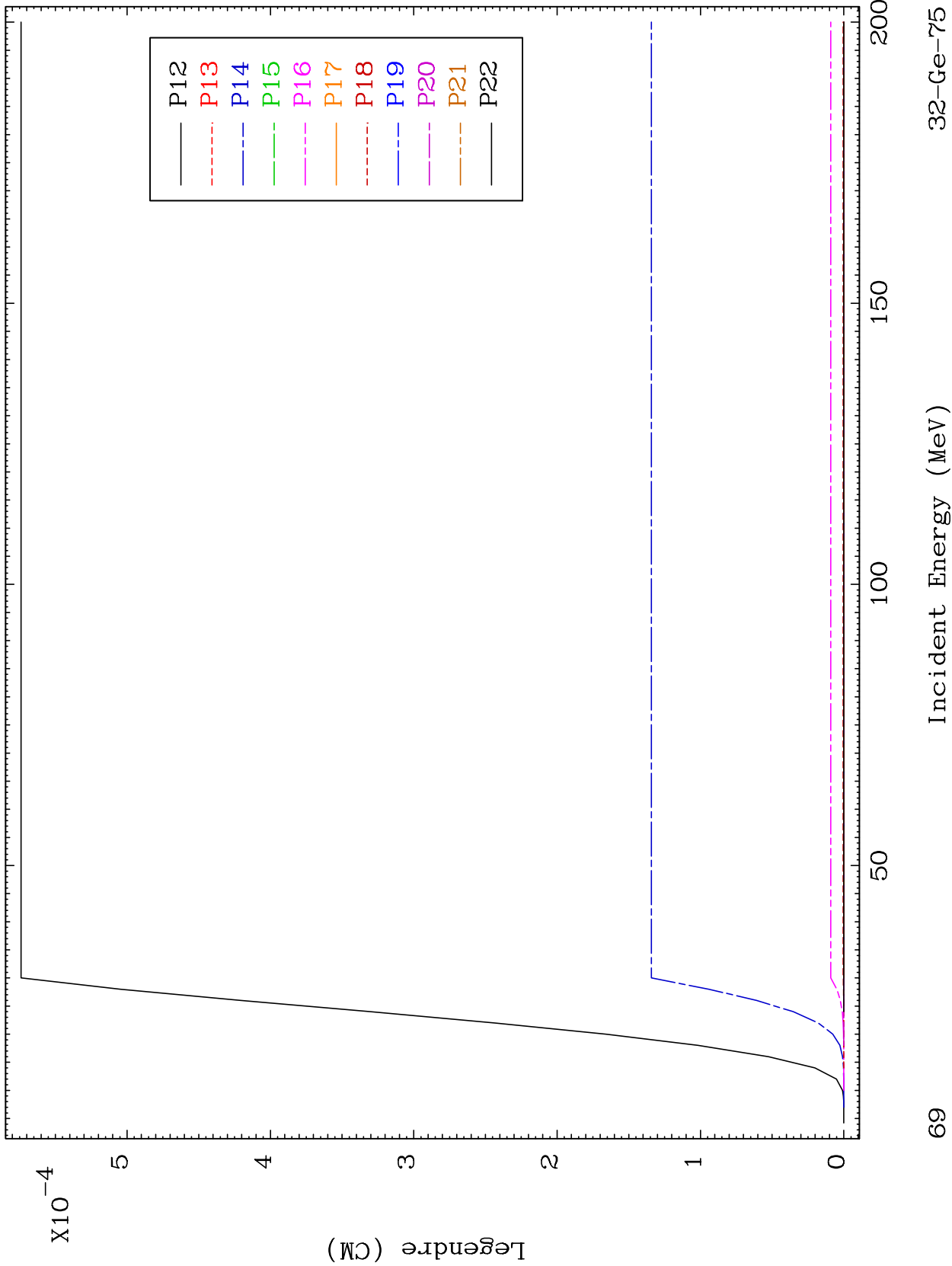


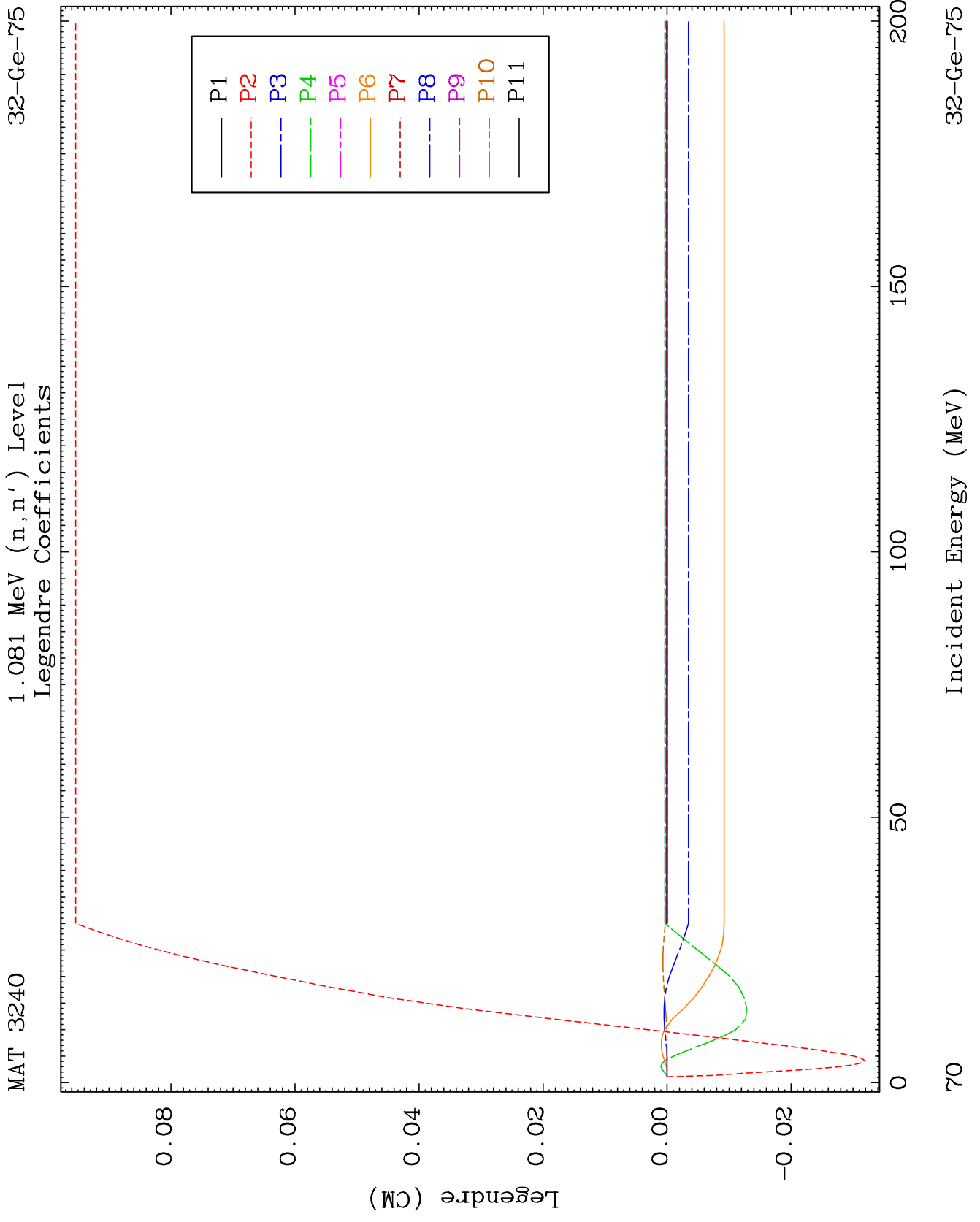








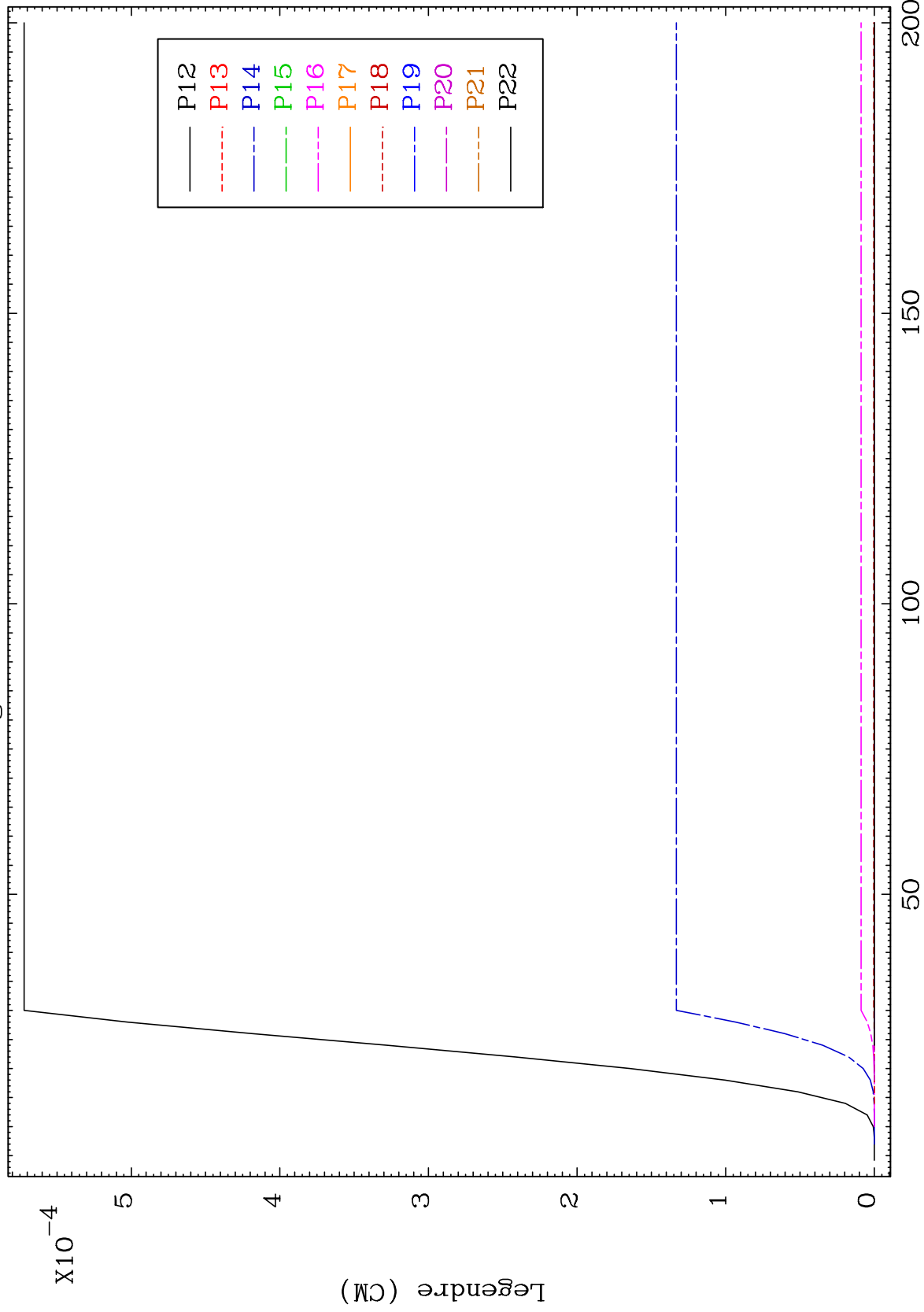




MAT 3240

1.081 MeV (n, n') Level  
Legendre Coefficients

32-Ge-75

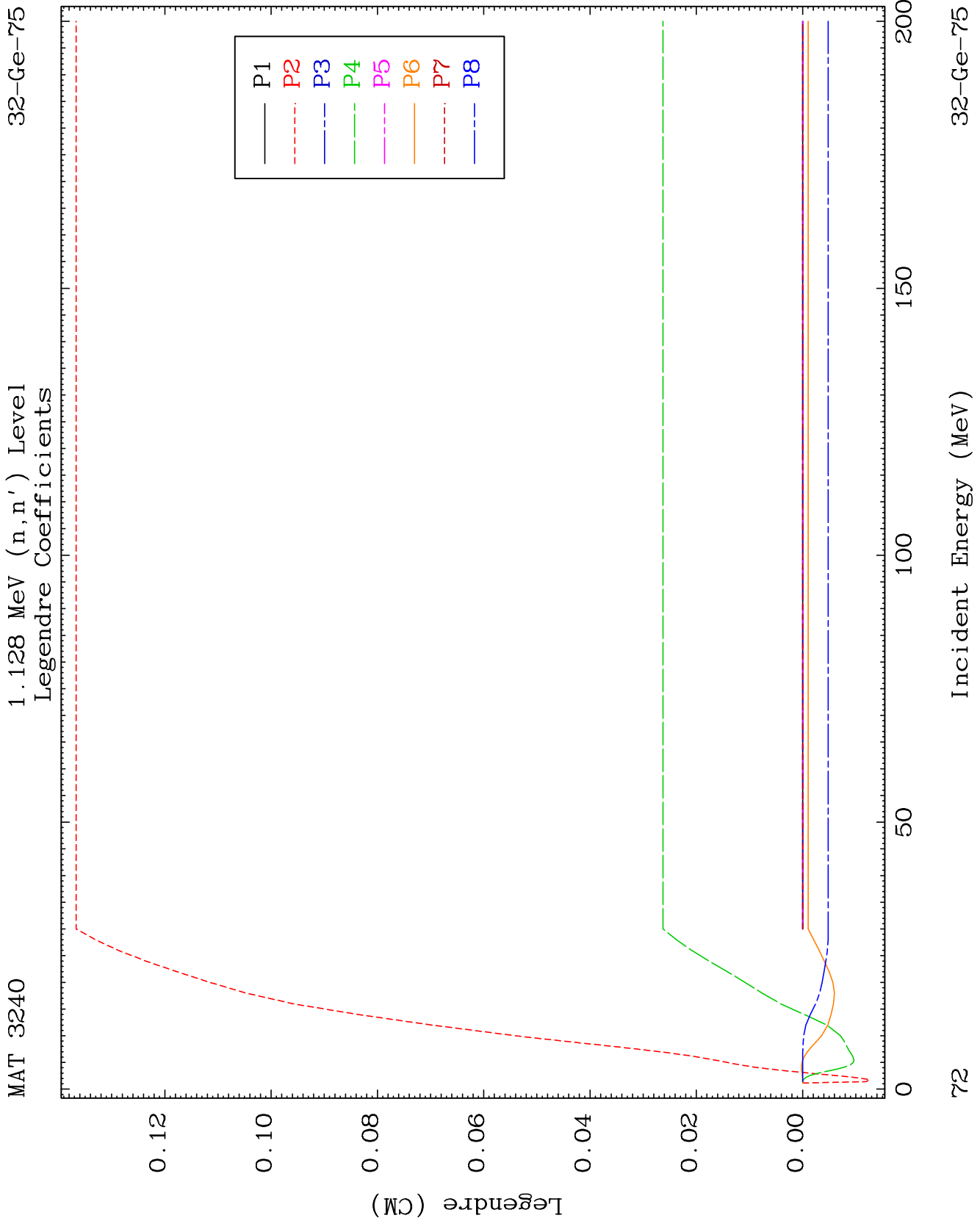


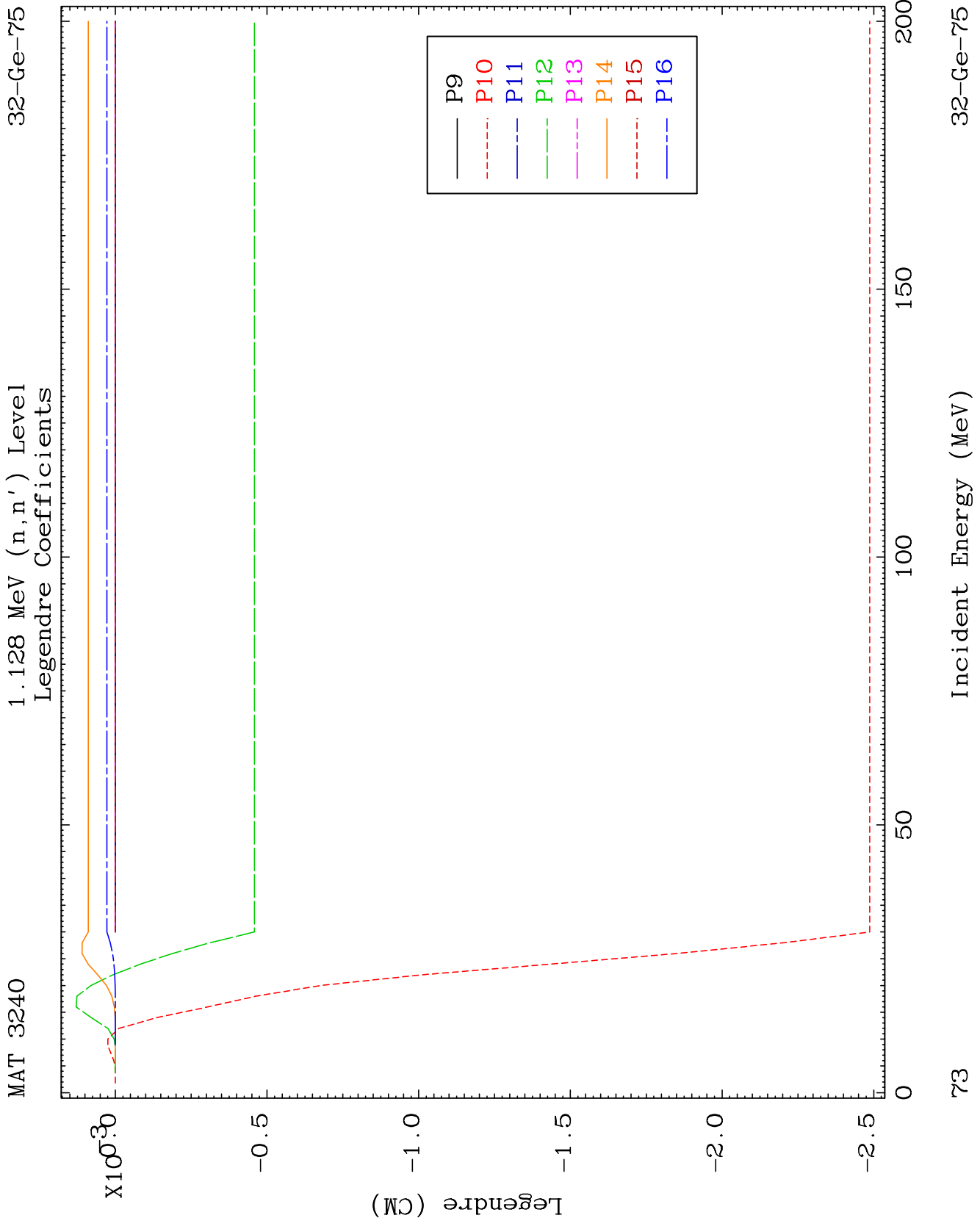
71

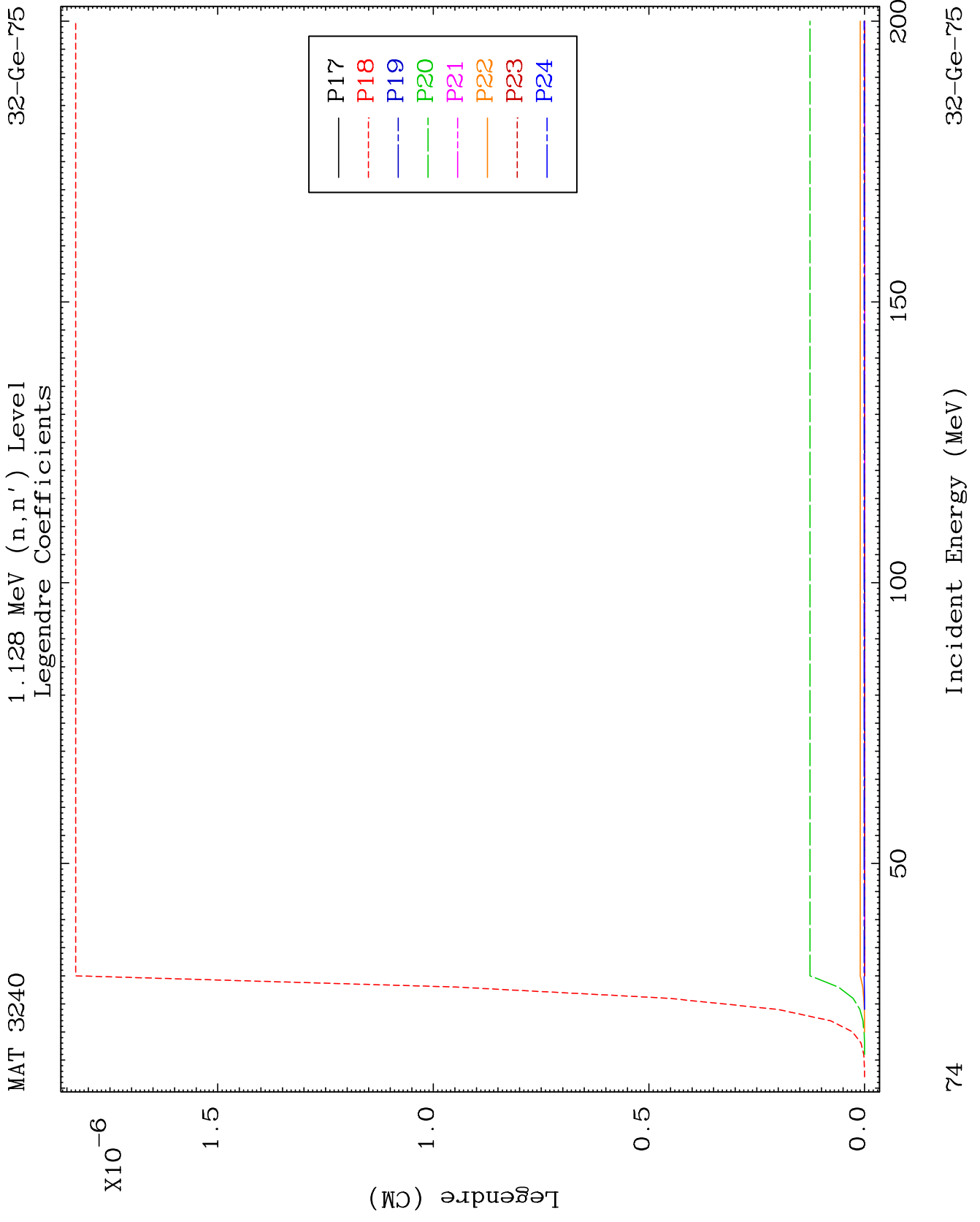
Incident Energy (MeV)

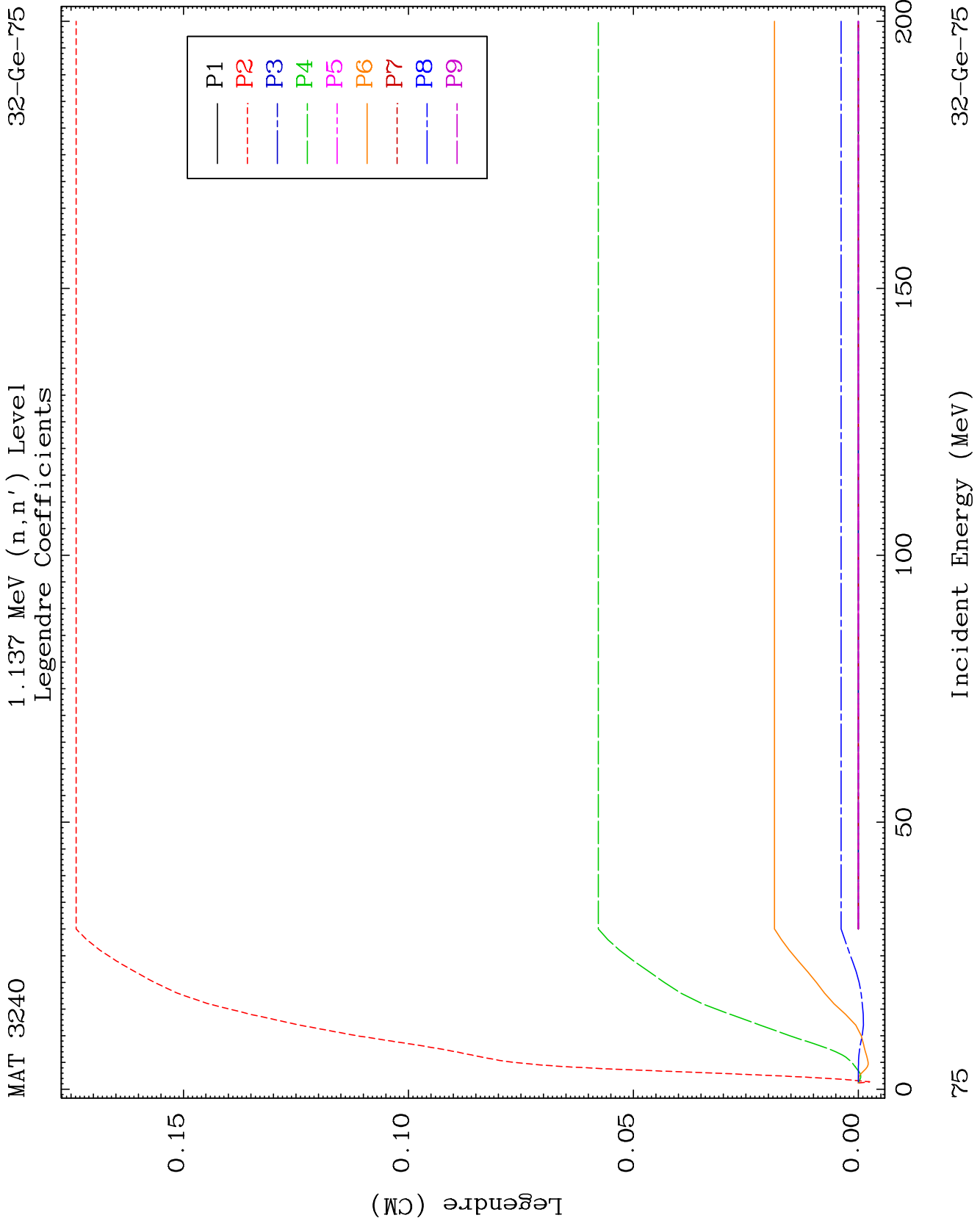
32-Ge-75







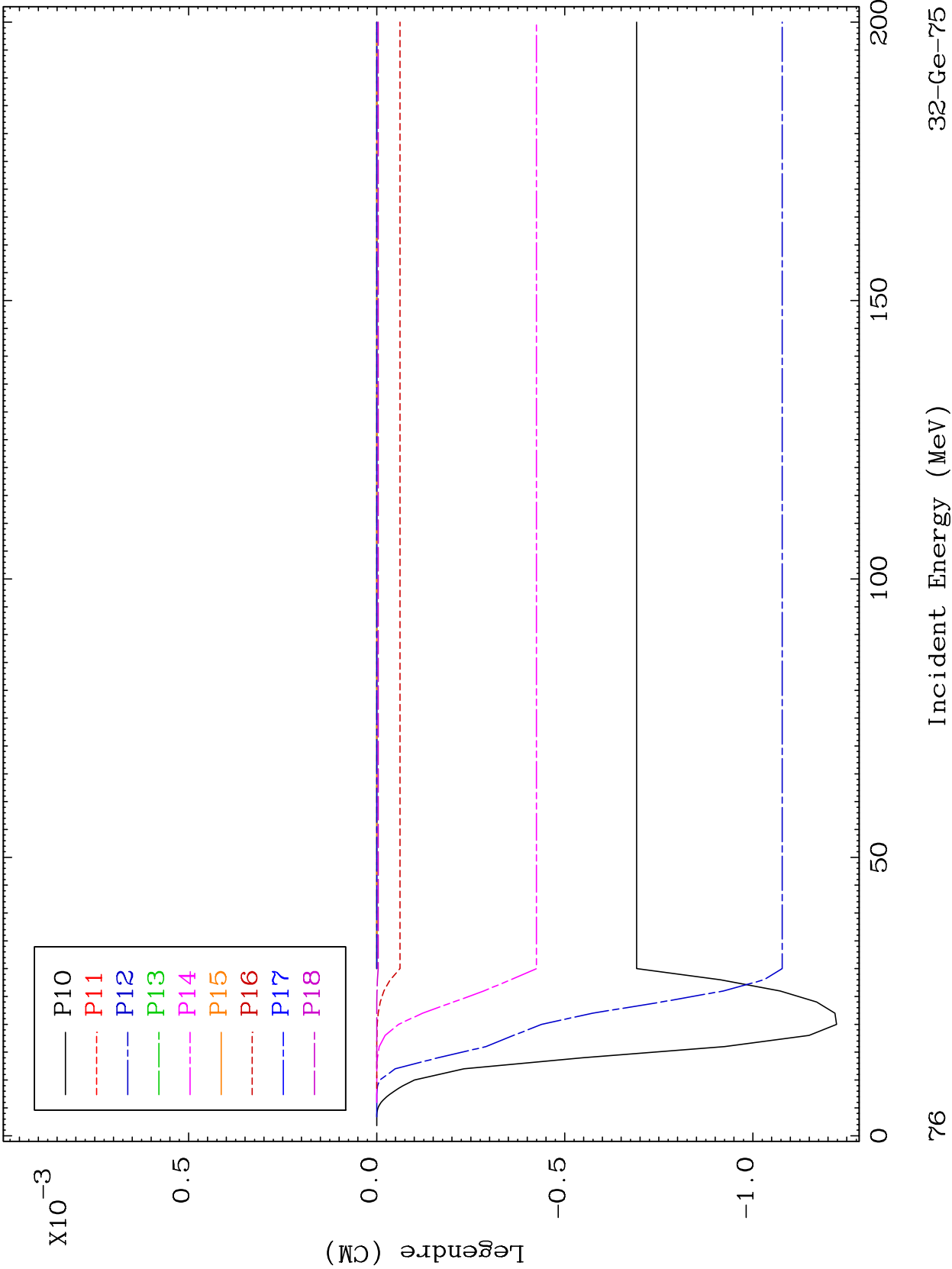




MAT 3240

1.137 MeV (n, n') Level  
Legendre Coefficients

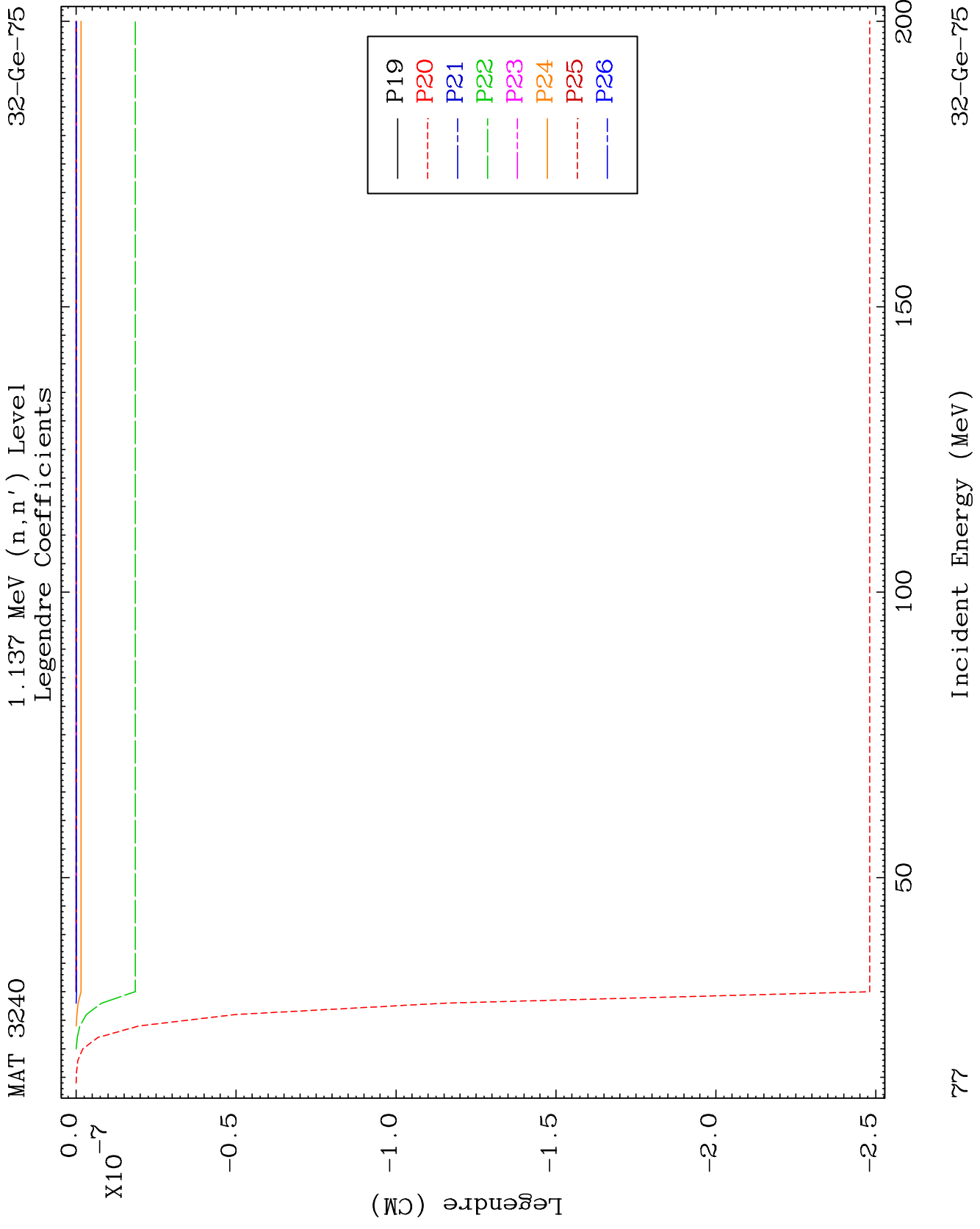
32-Ge-75

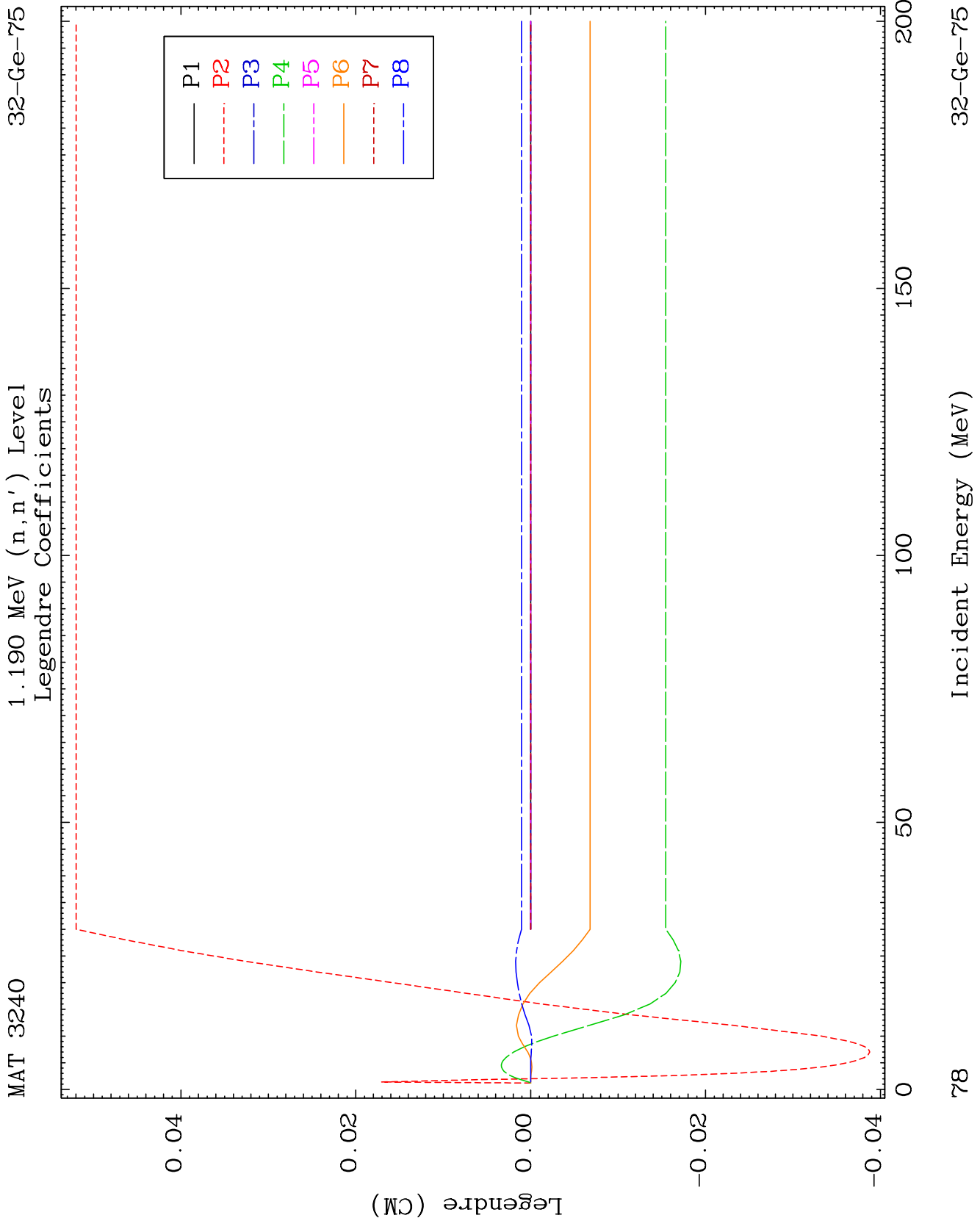


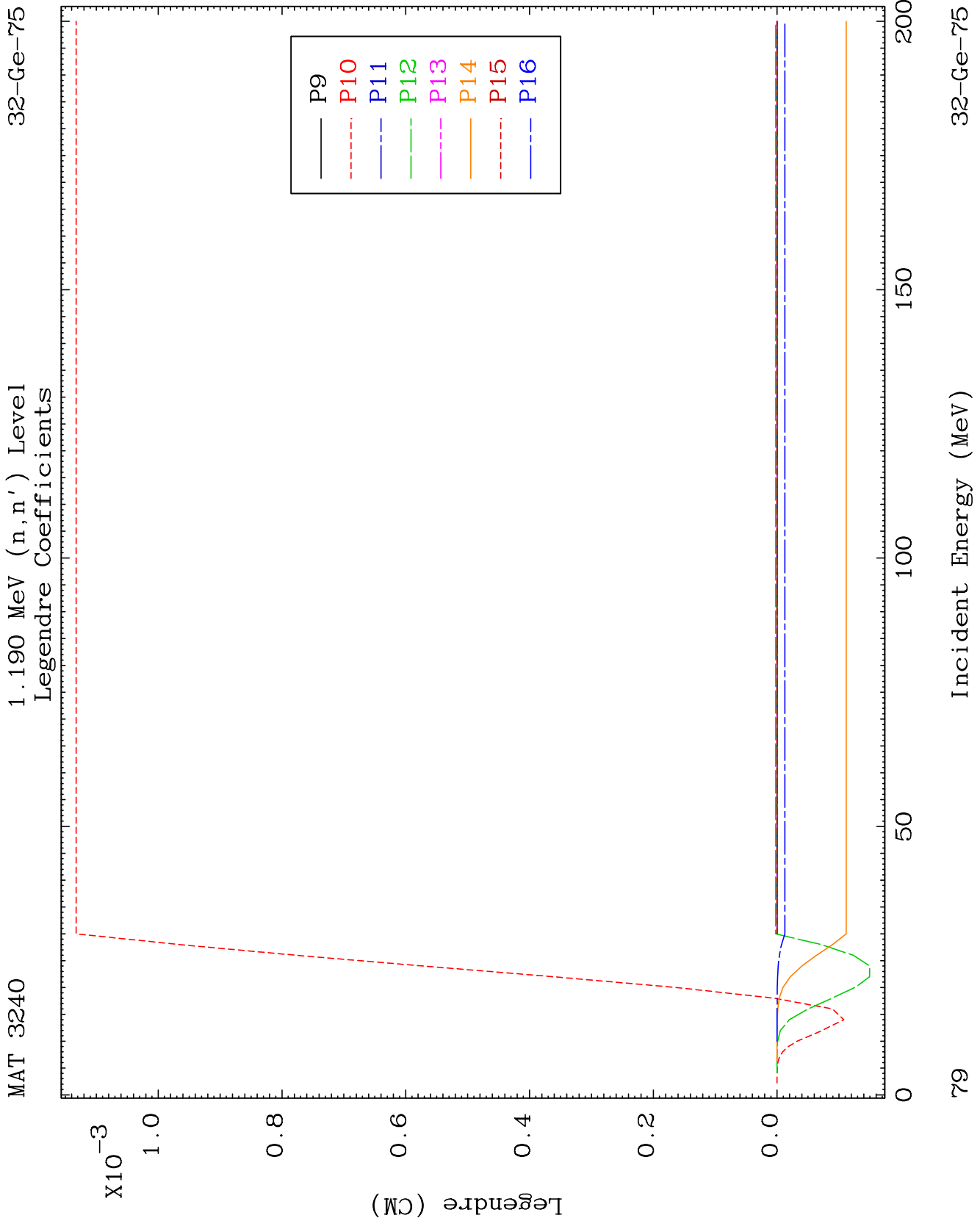
76

Incident Energy (MeV)

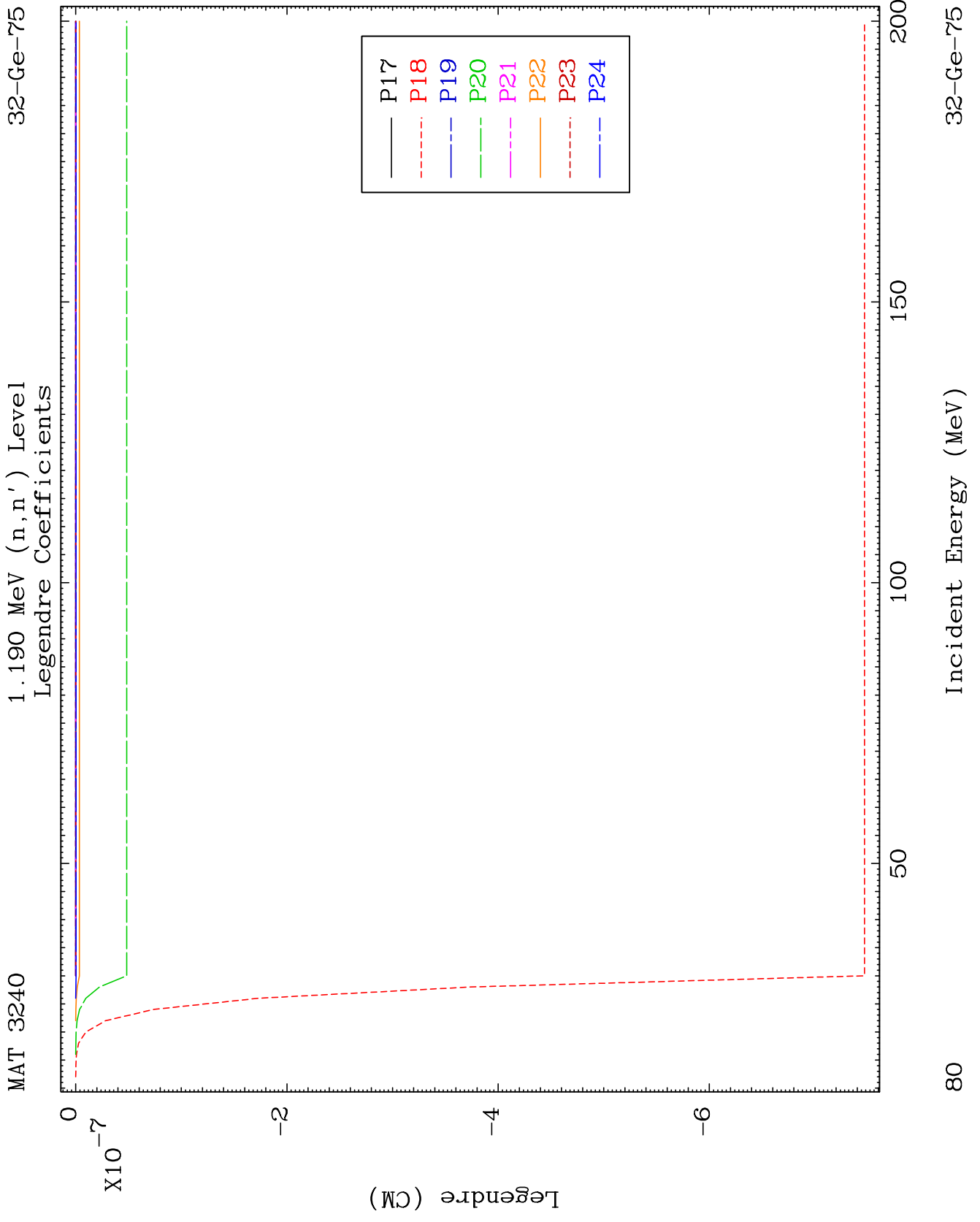
32-Ge-75

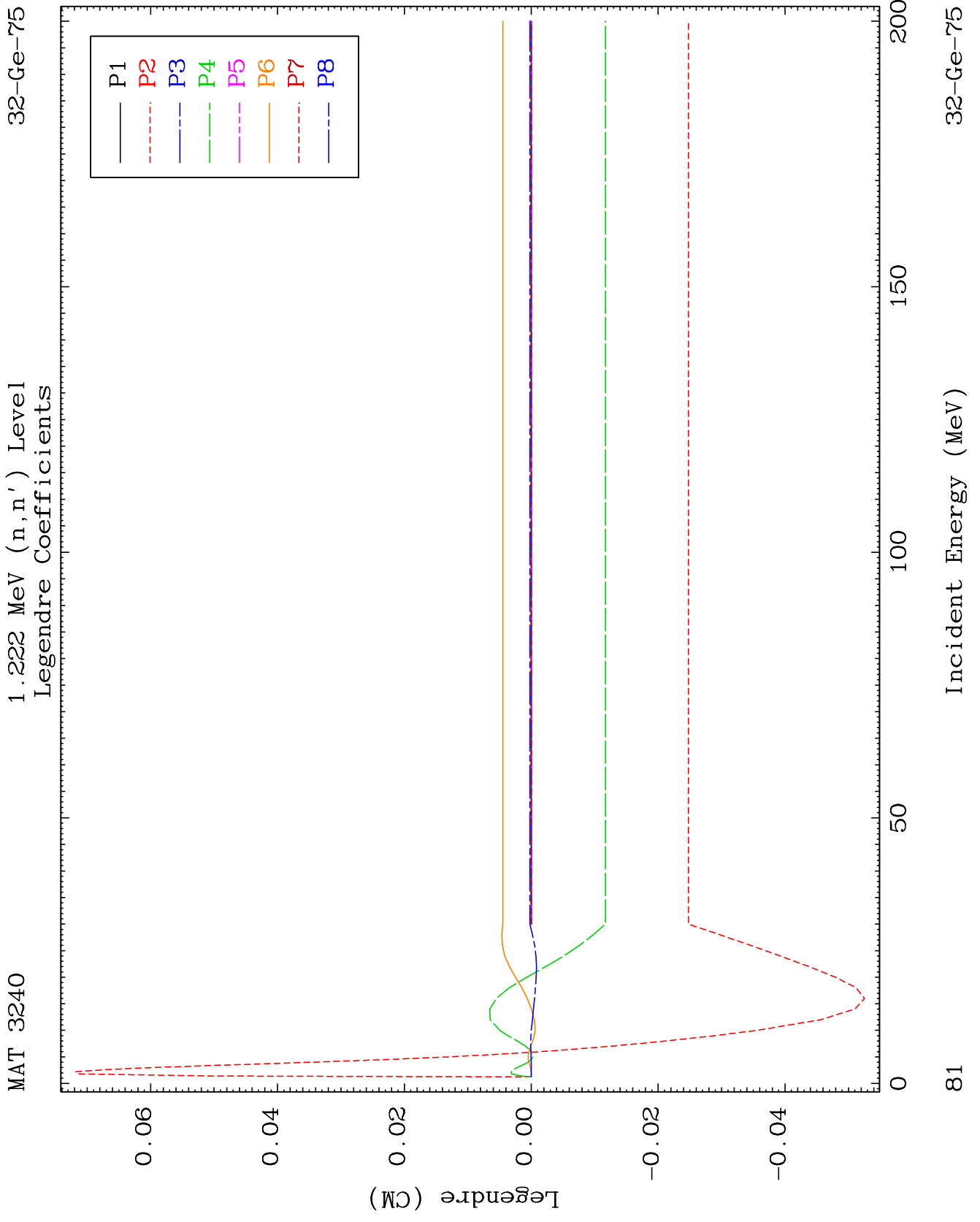


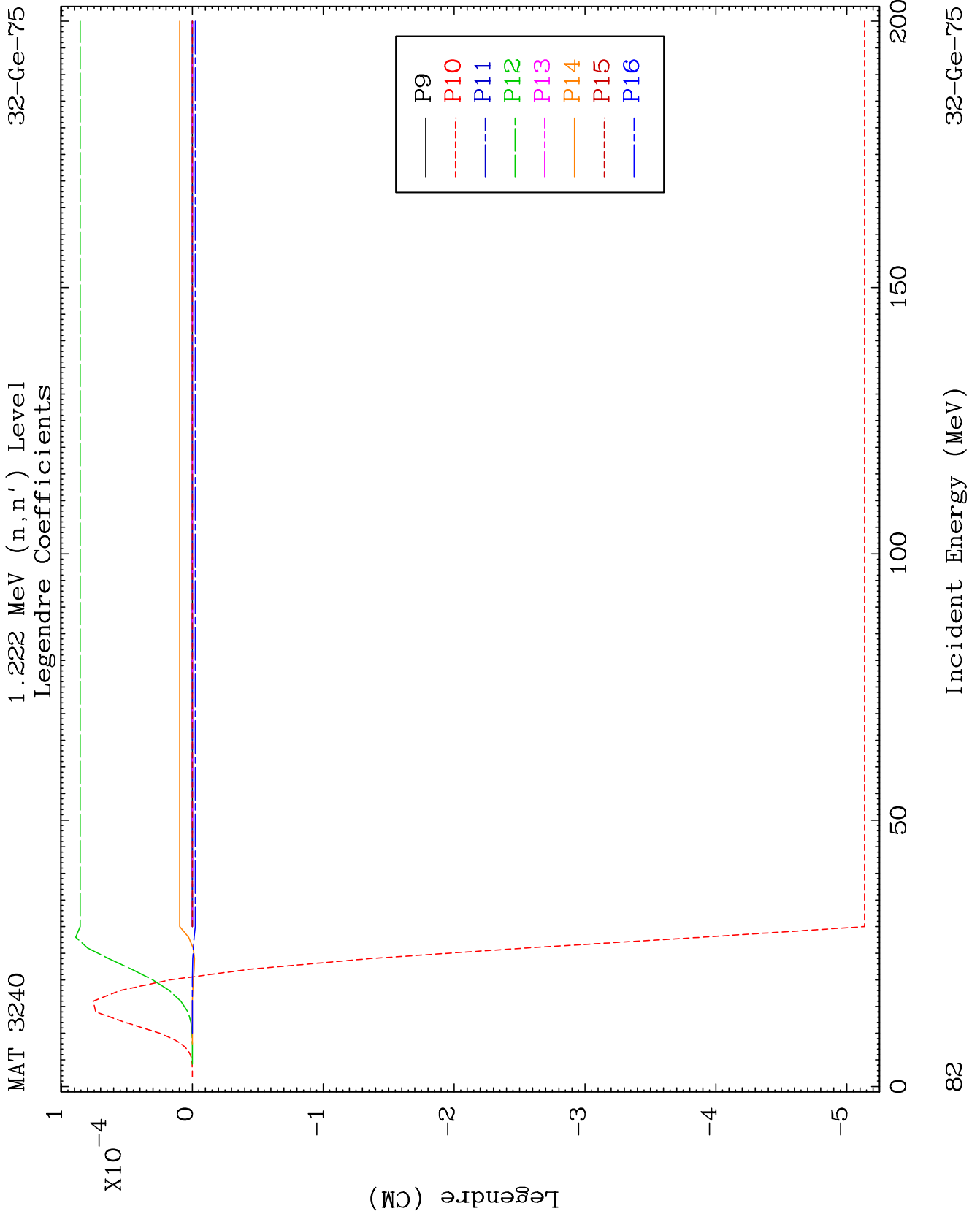


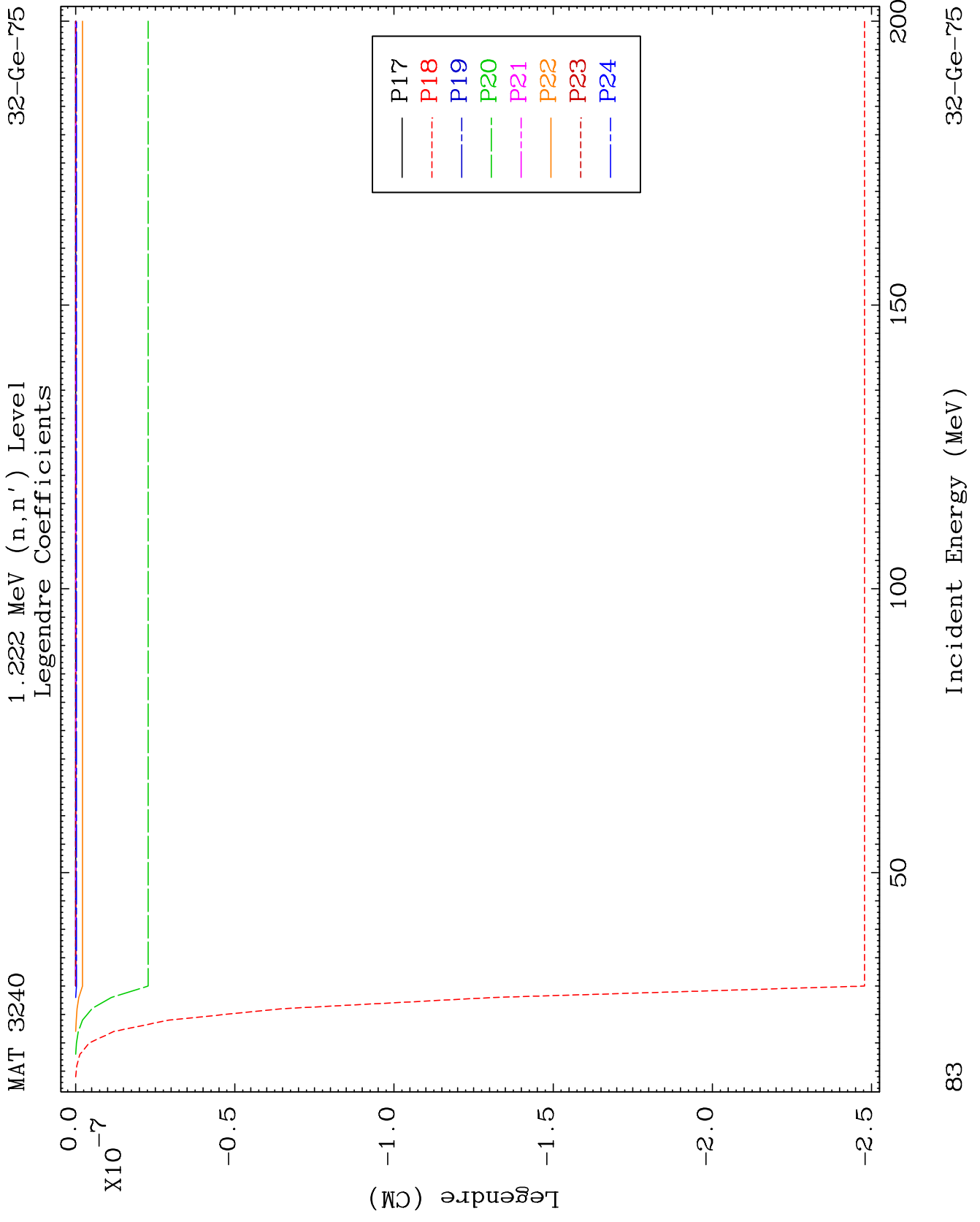




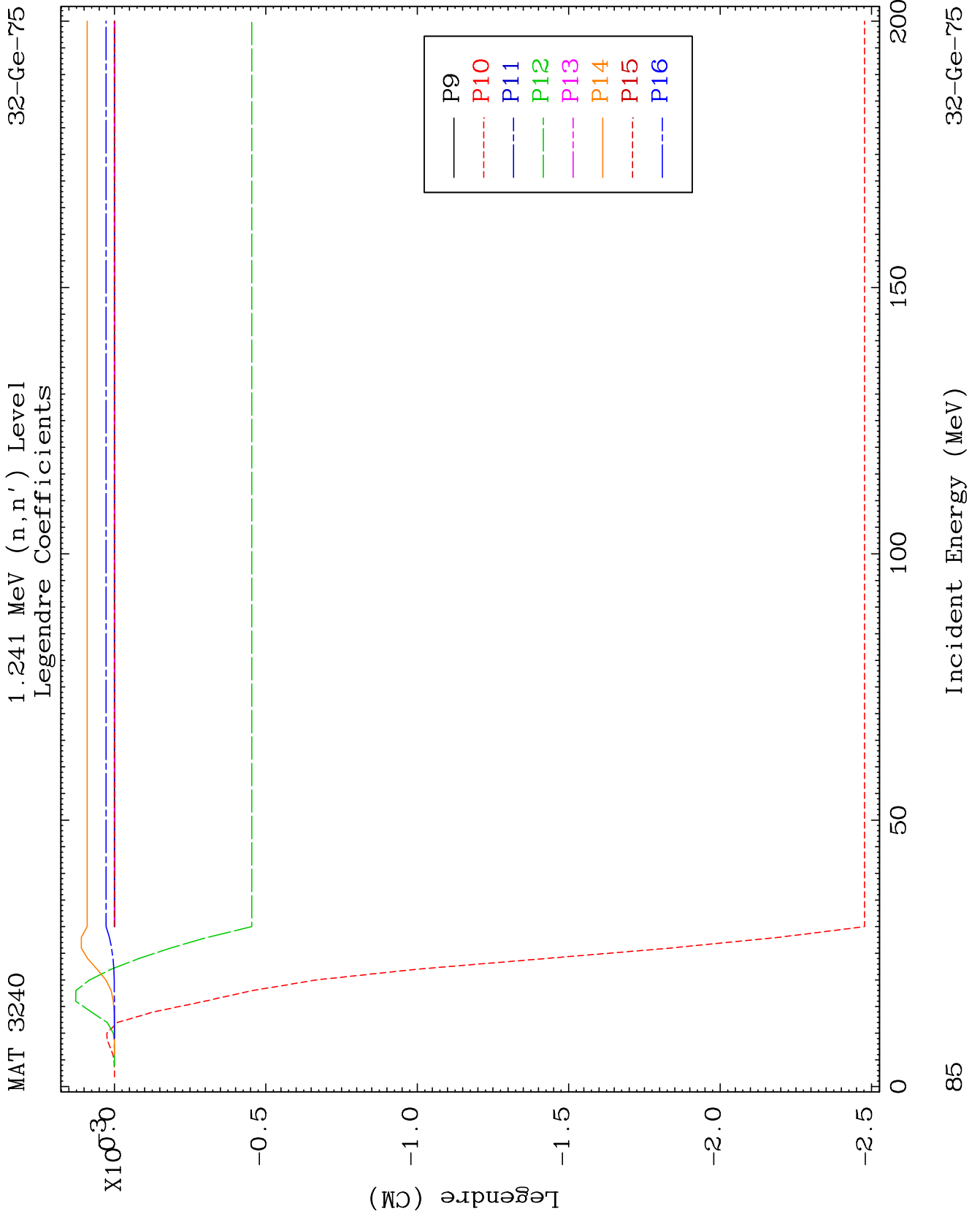


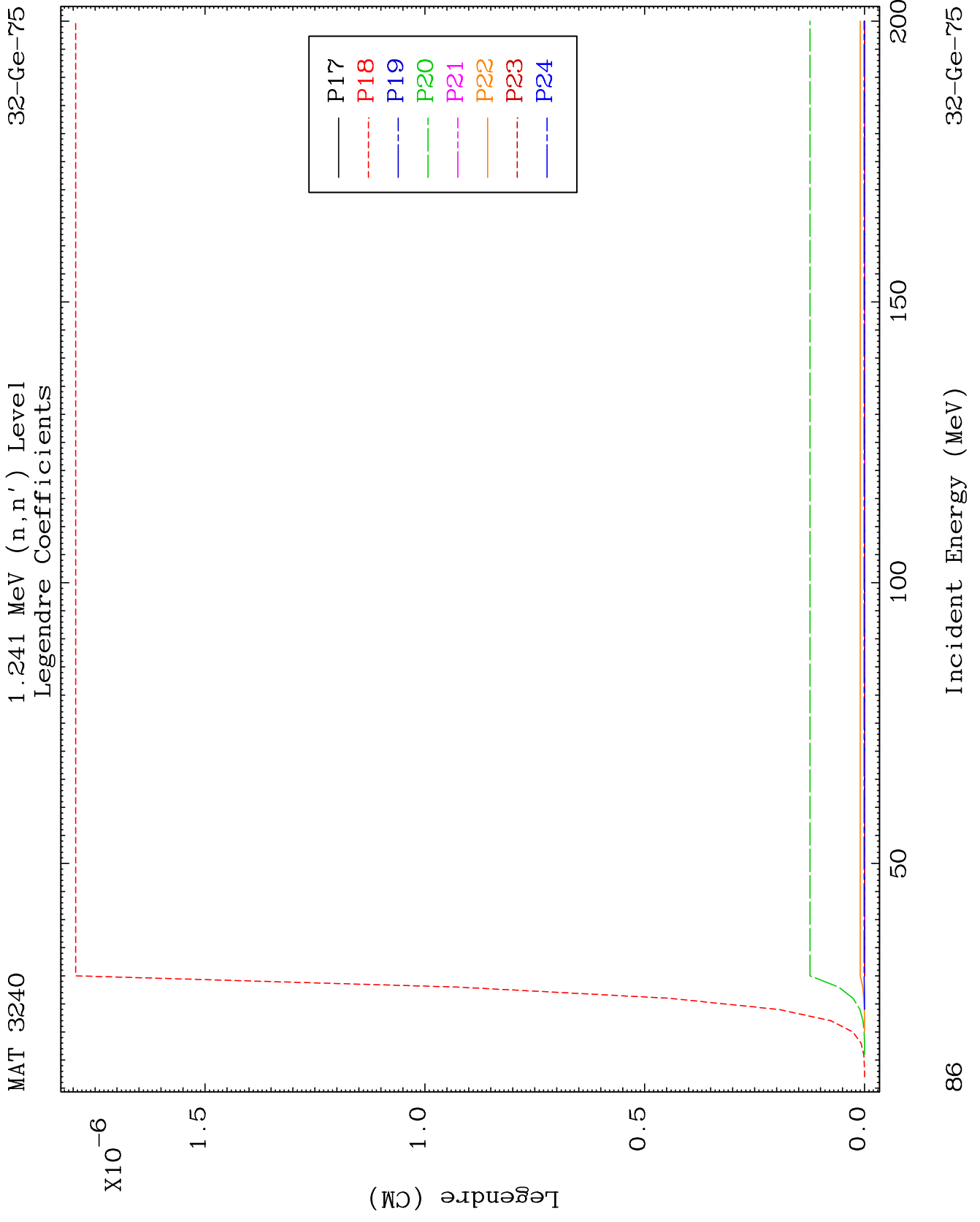


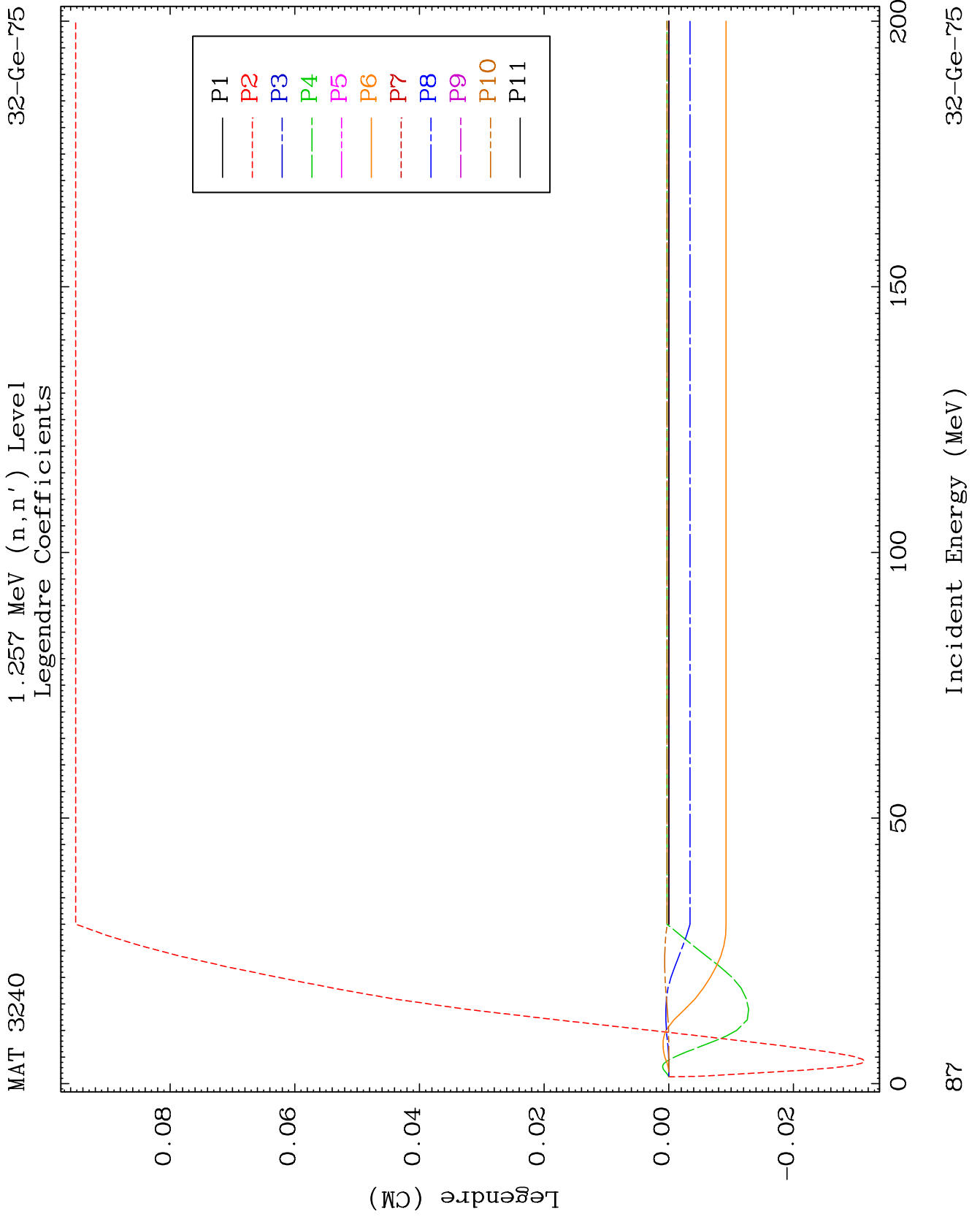




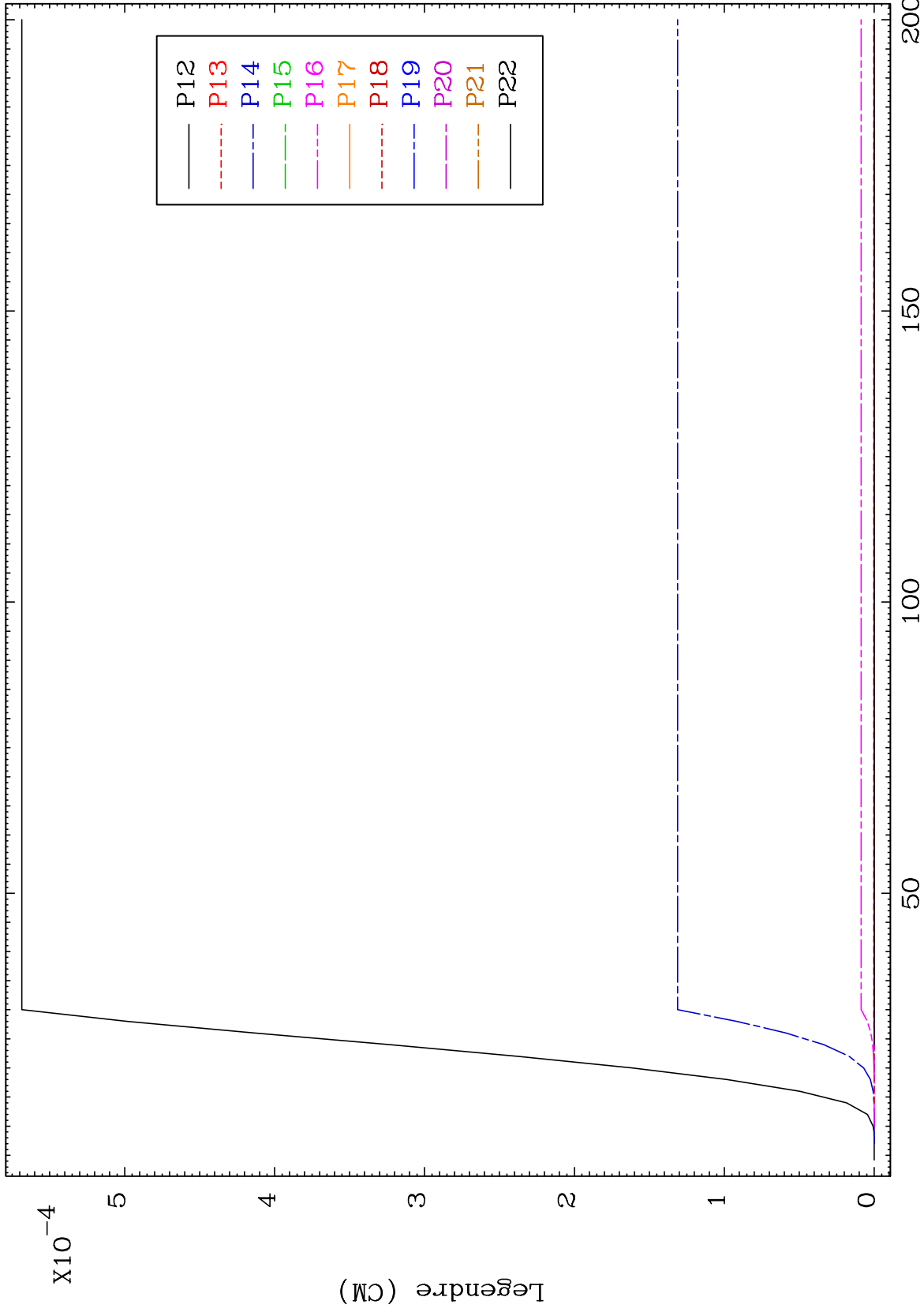




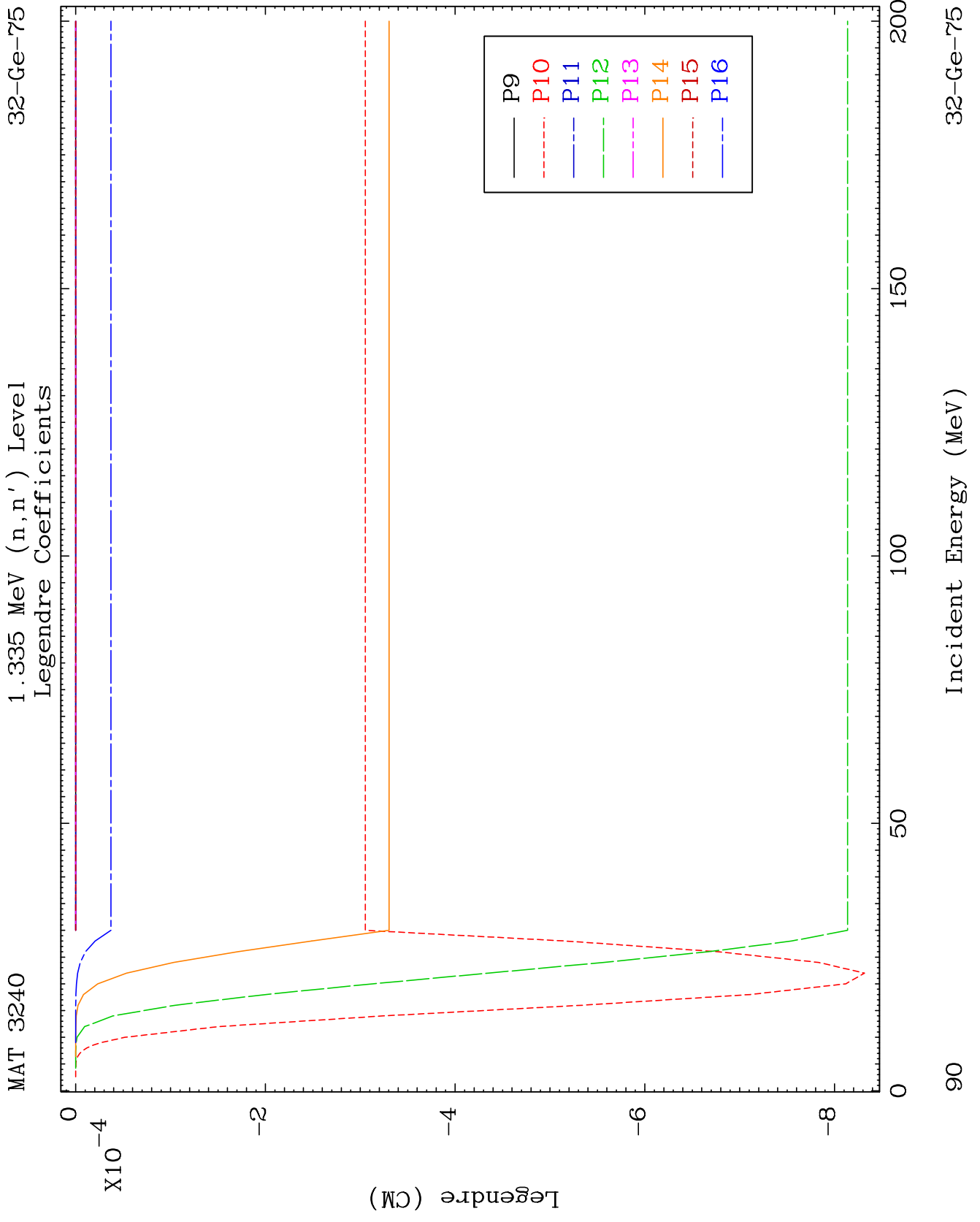


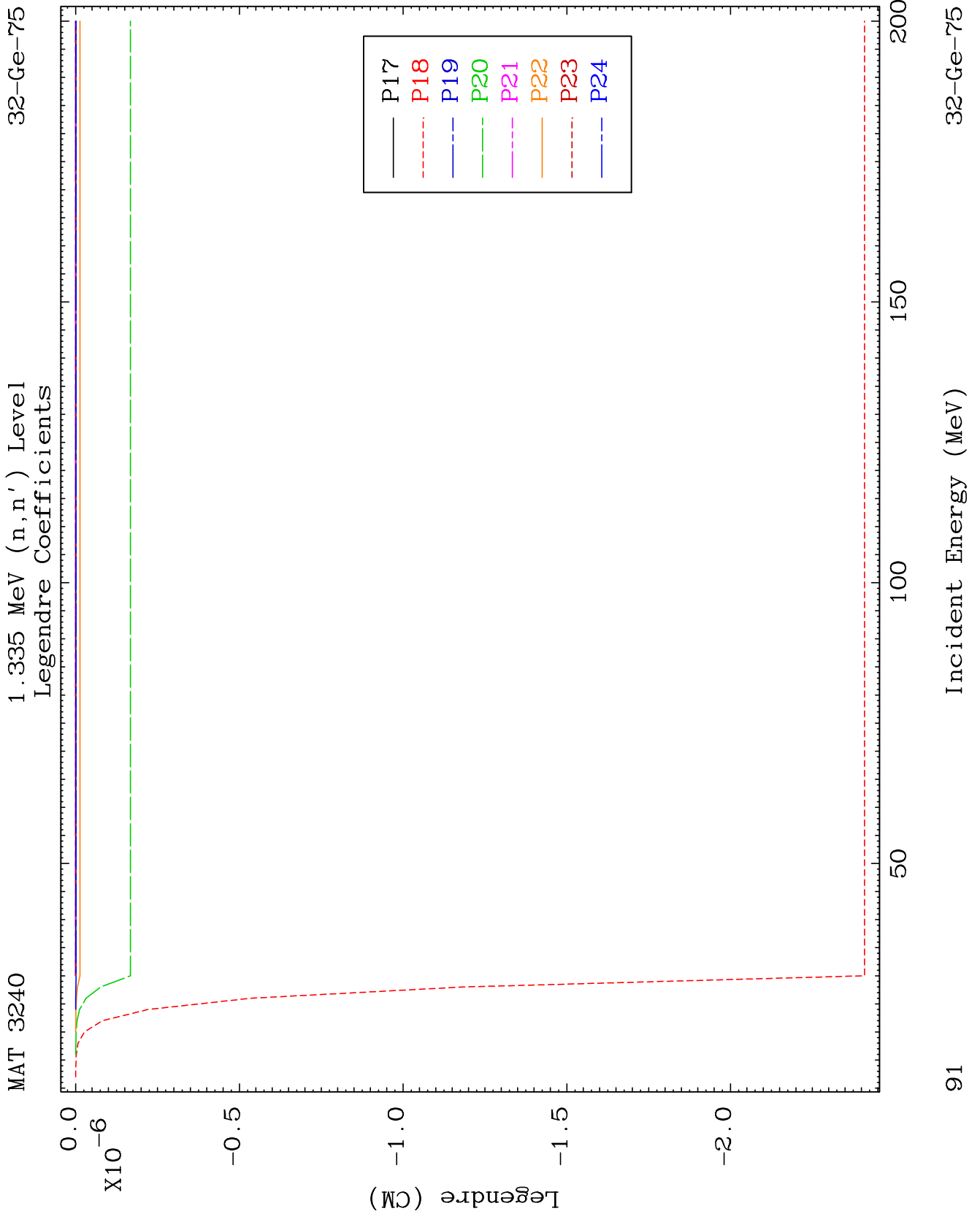




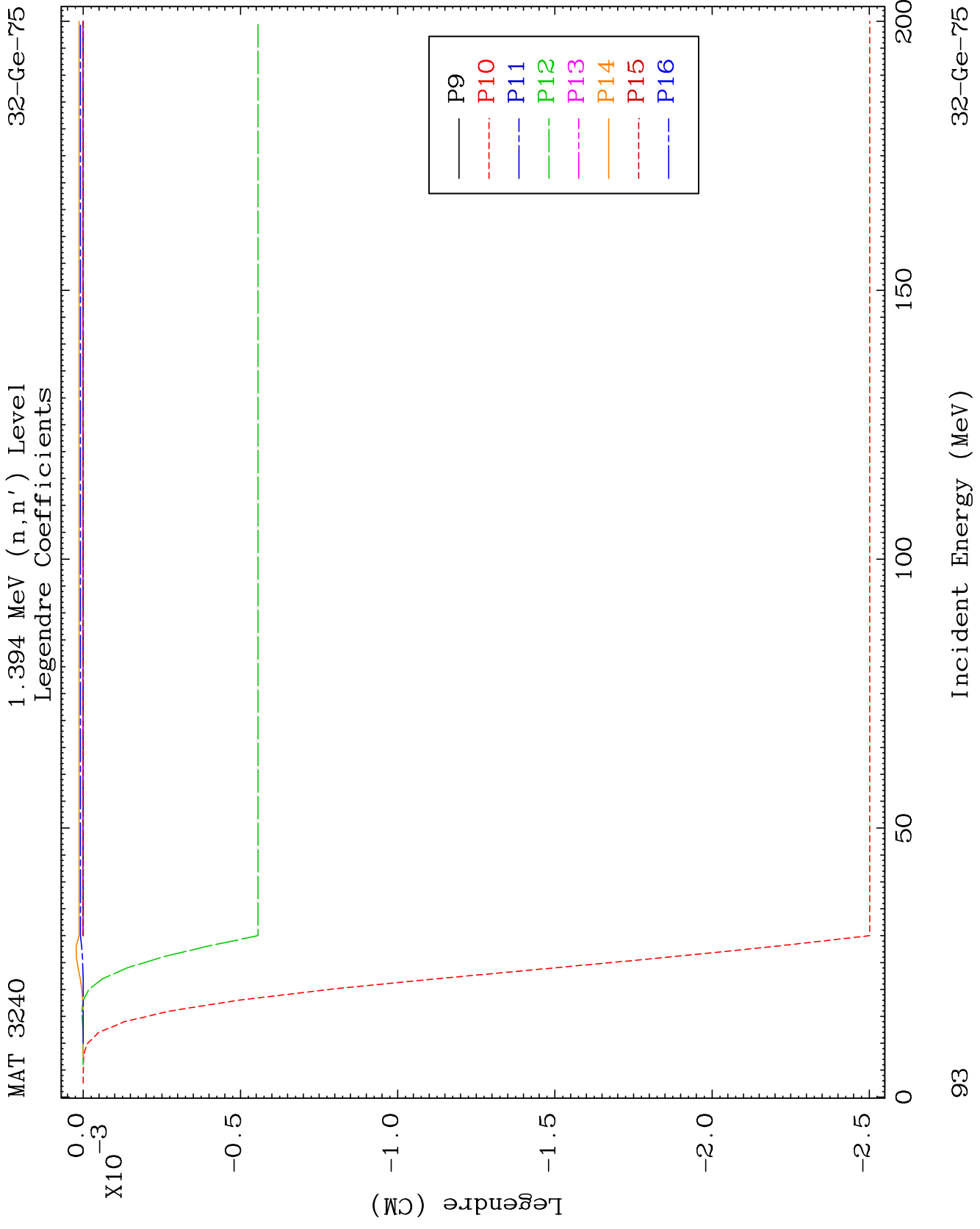


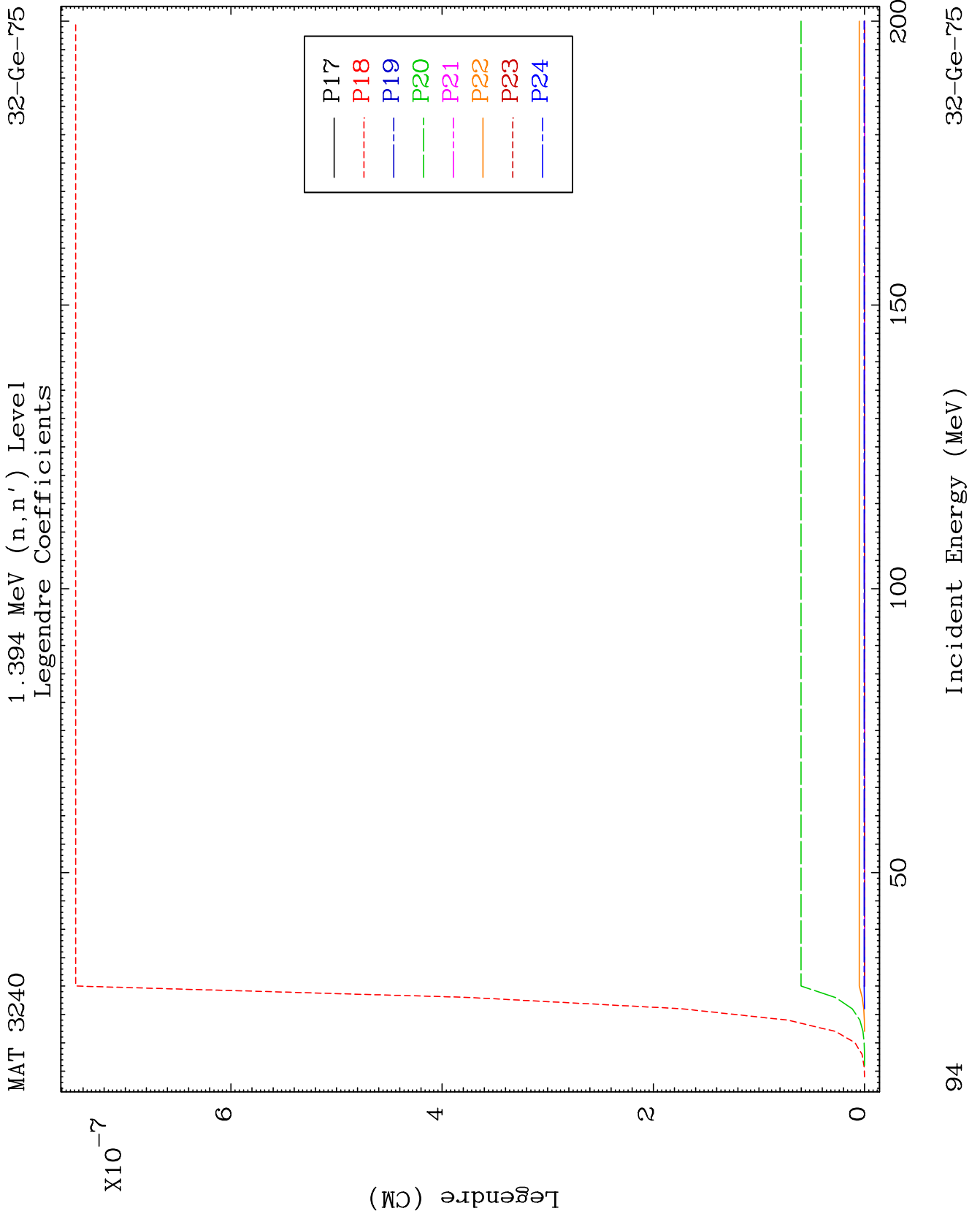






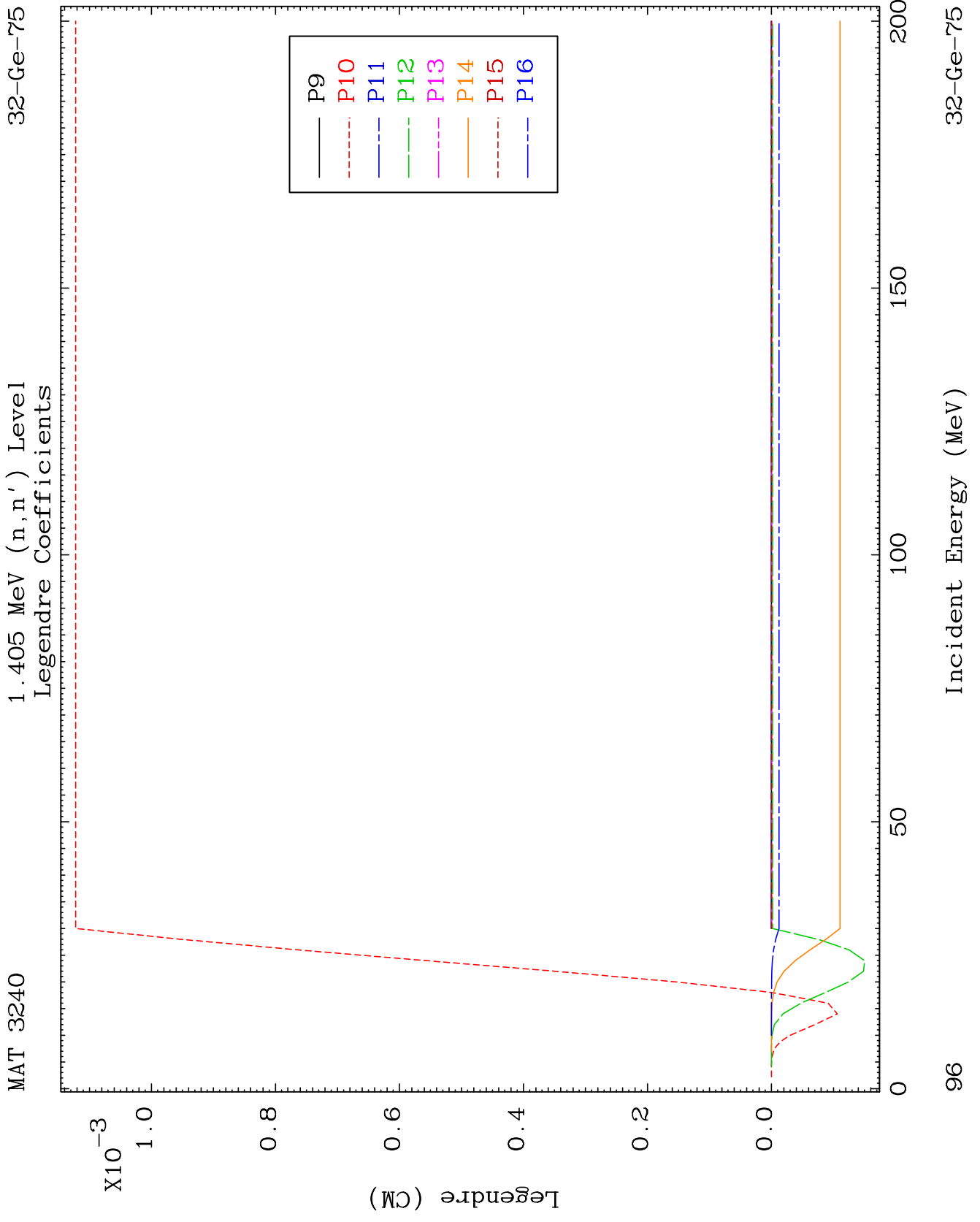


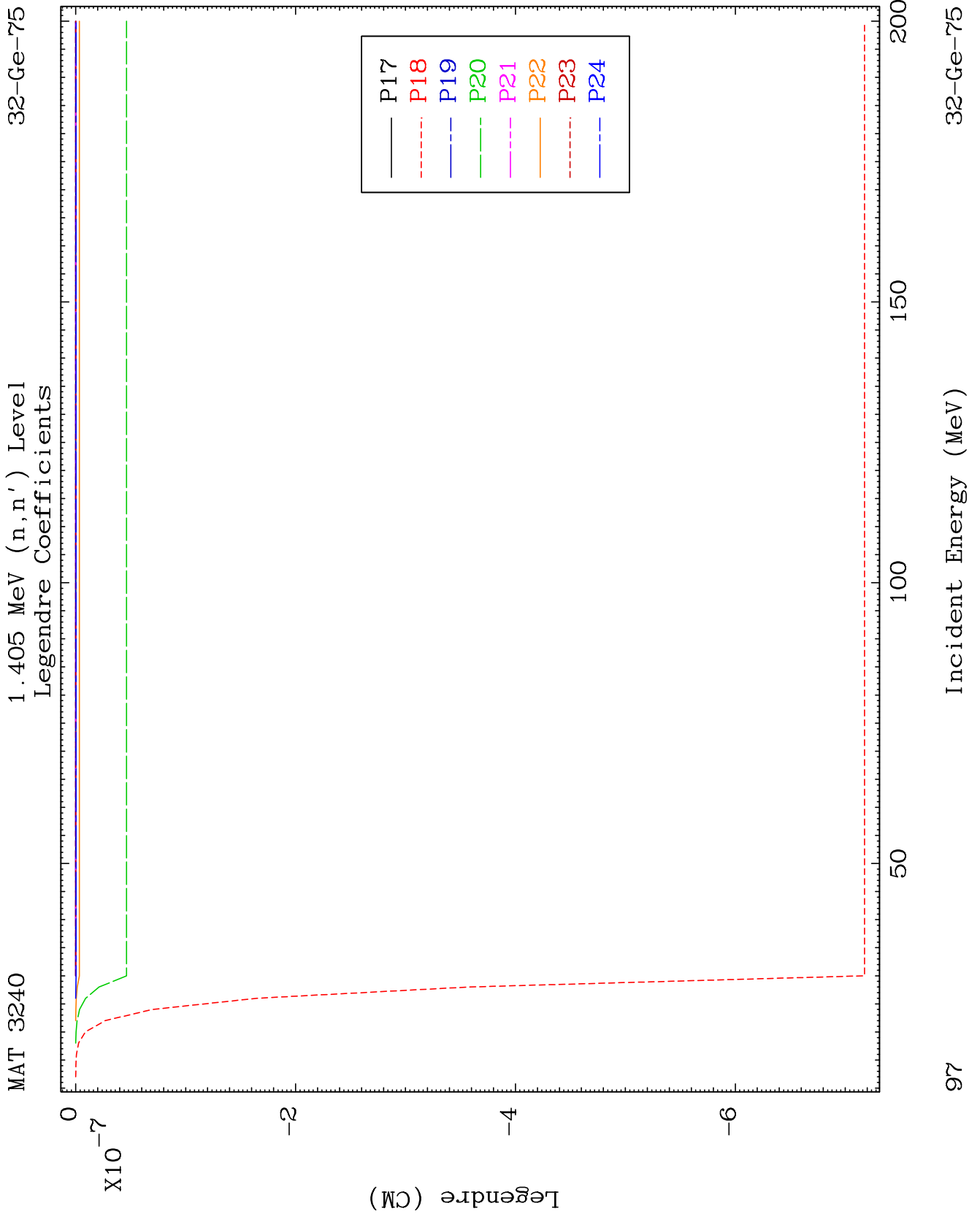


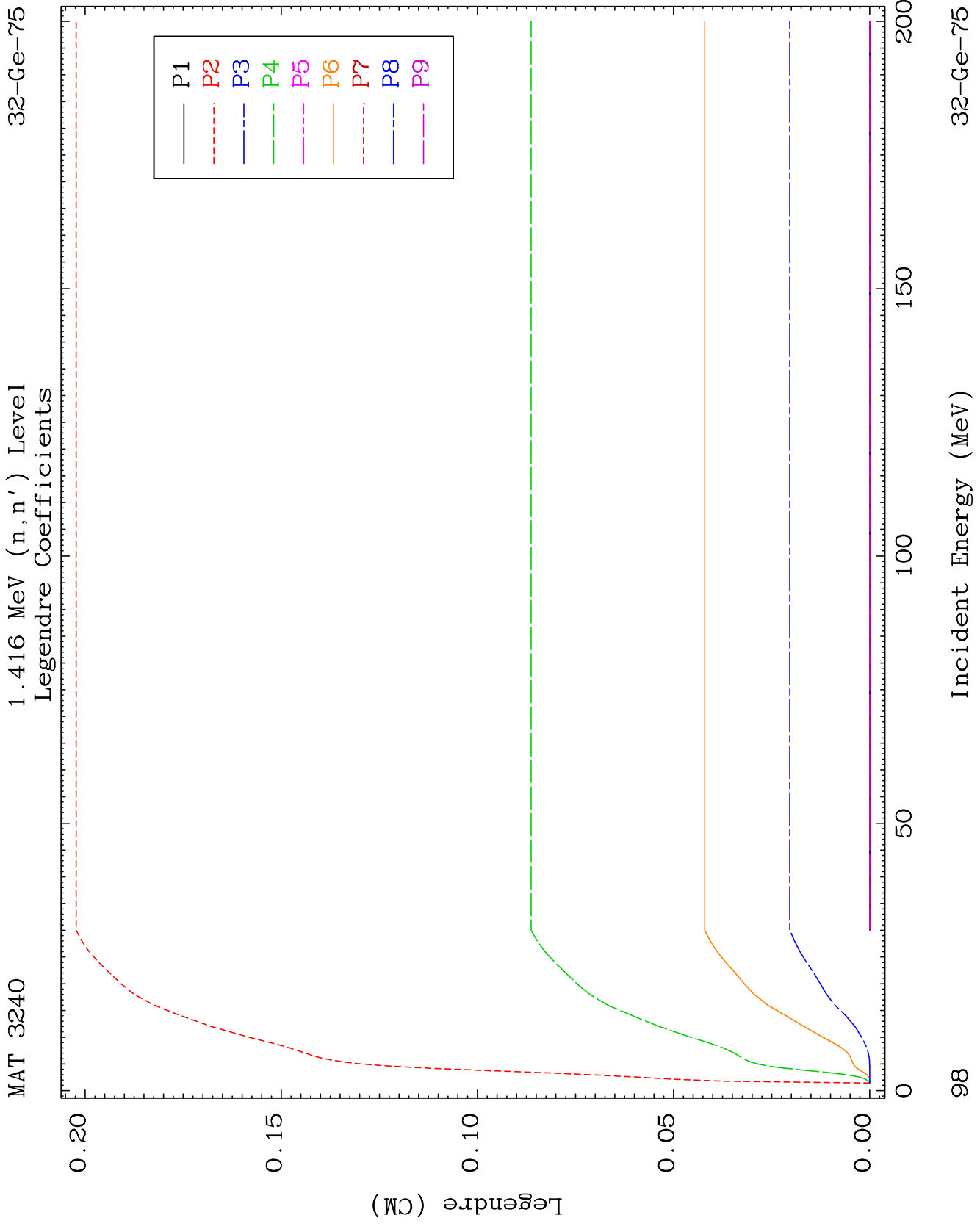








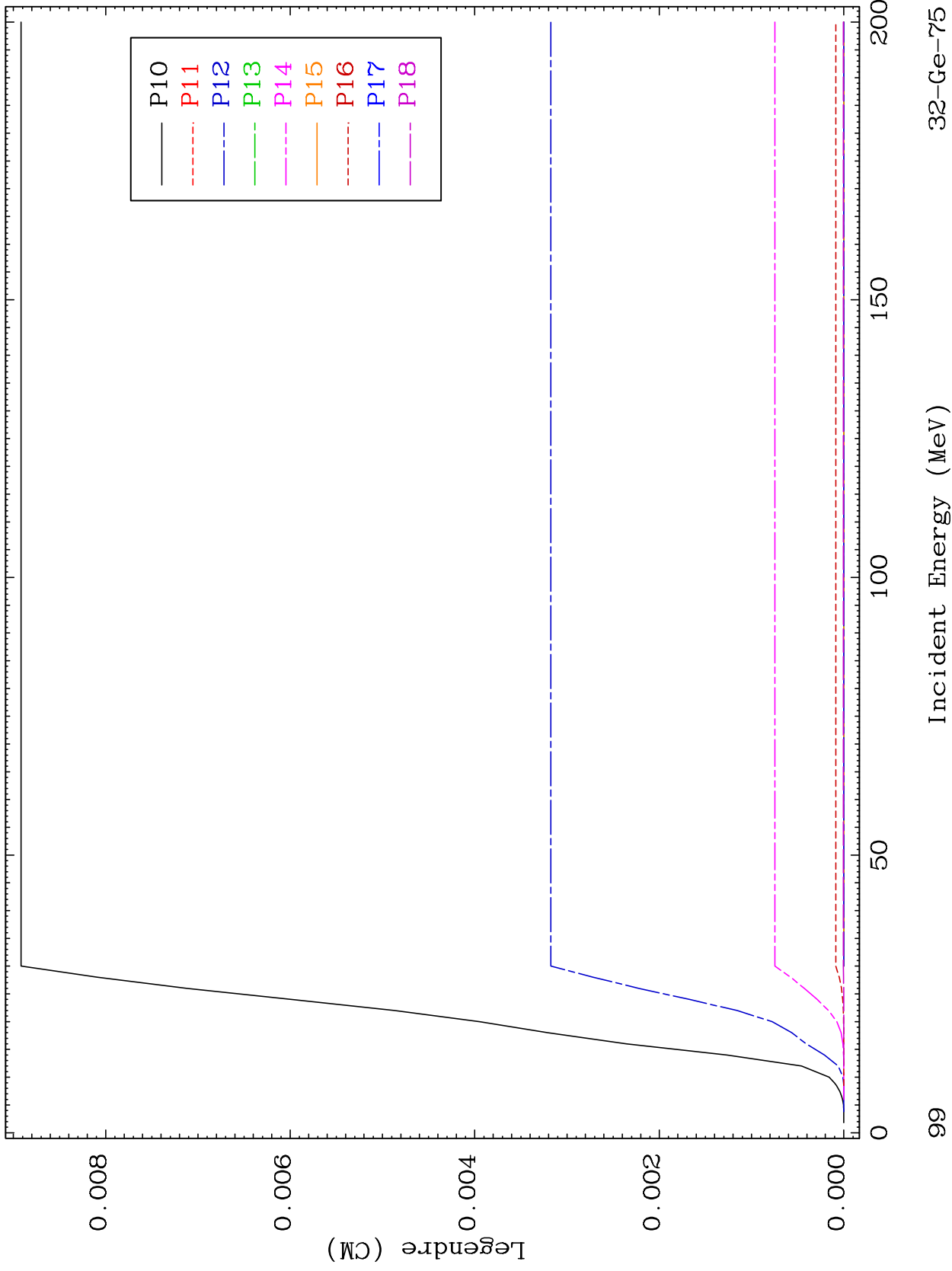




MAT 3240

1.416 MeV (n,n') Level  
Legendre Coefficients

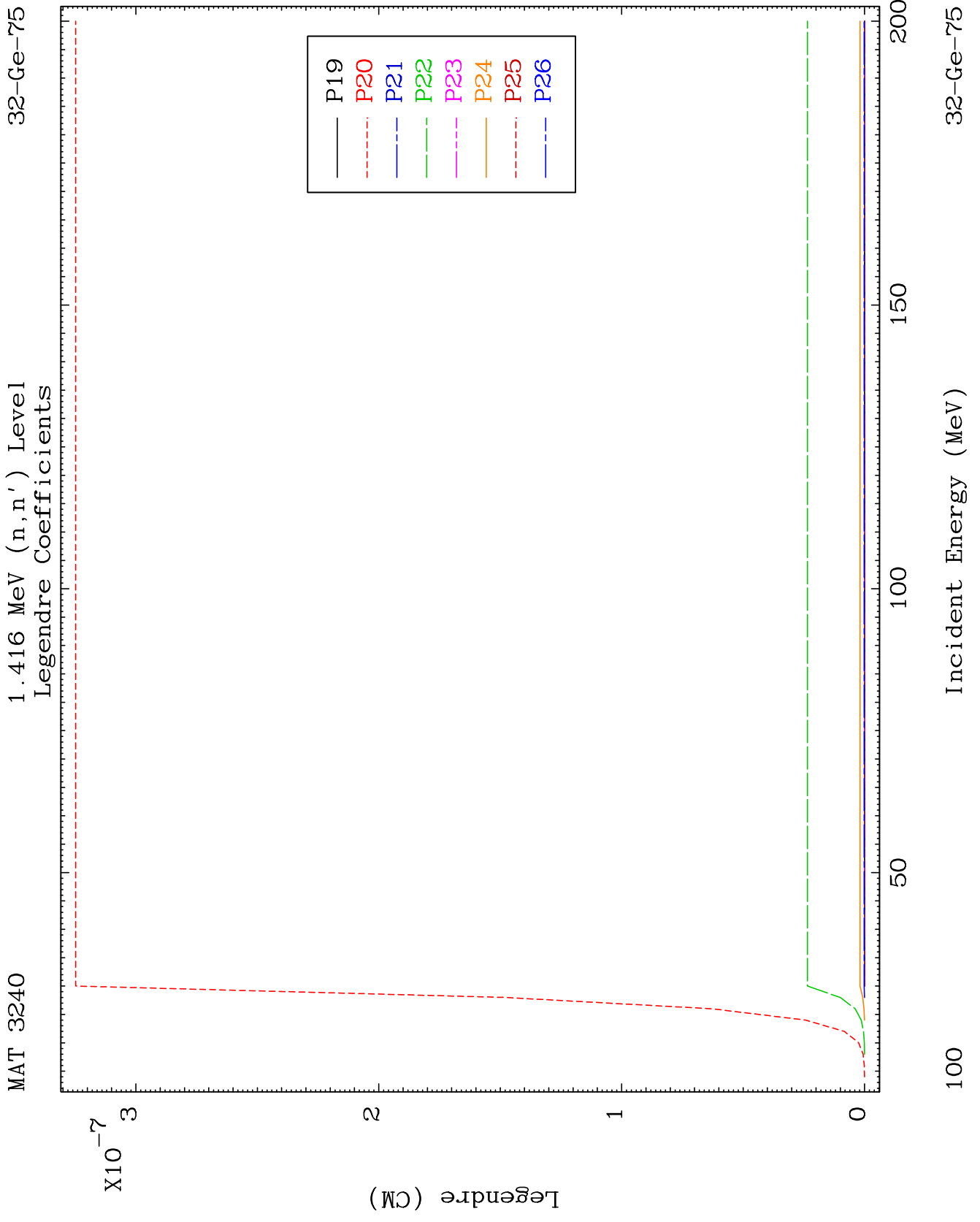
32-Ge-75

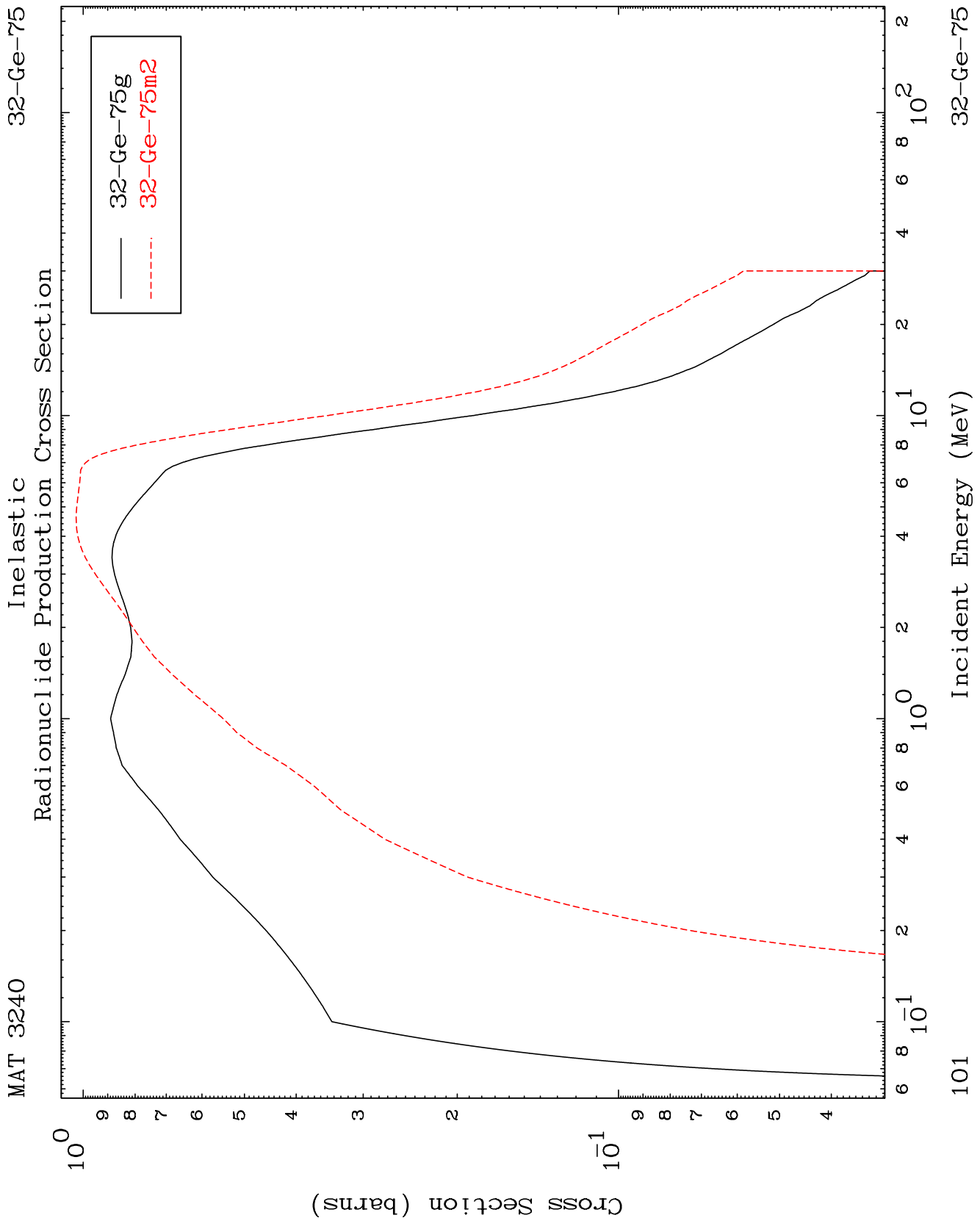


99

Incident Energy (MeV)

32-Ge-75



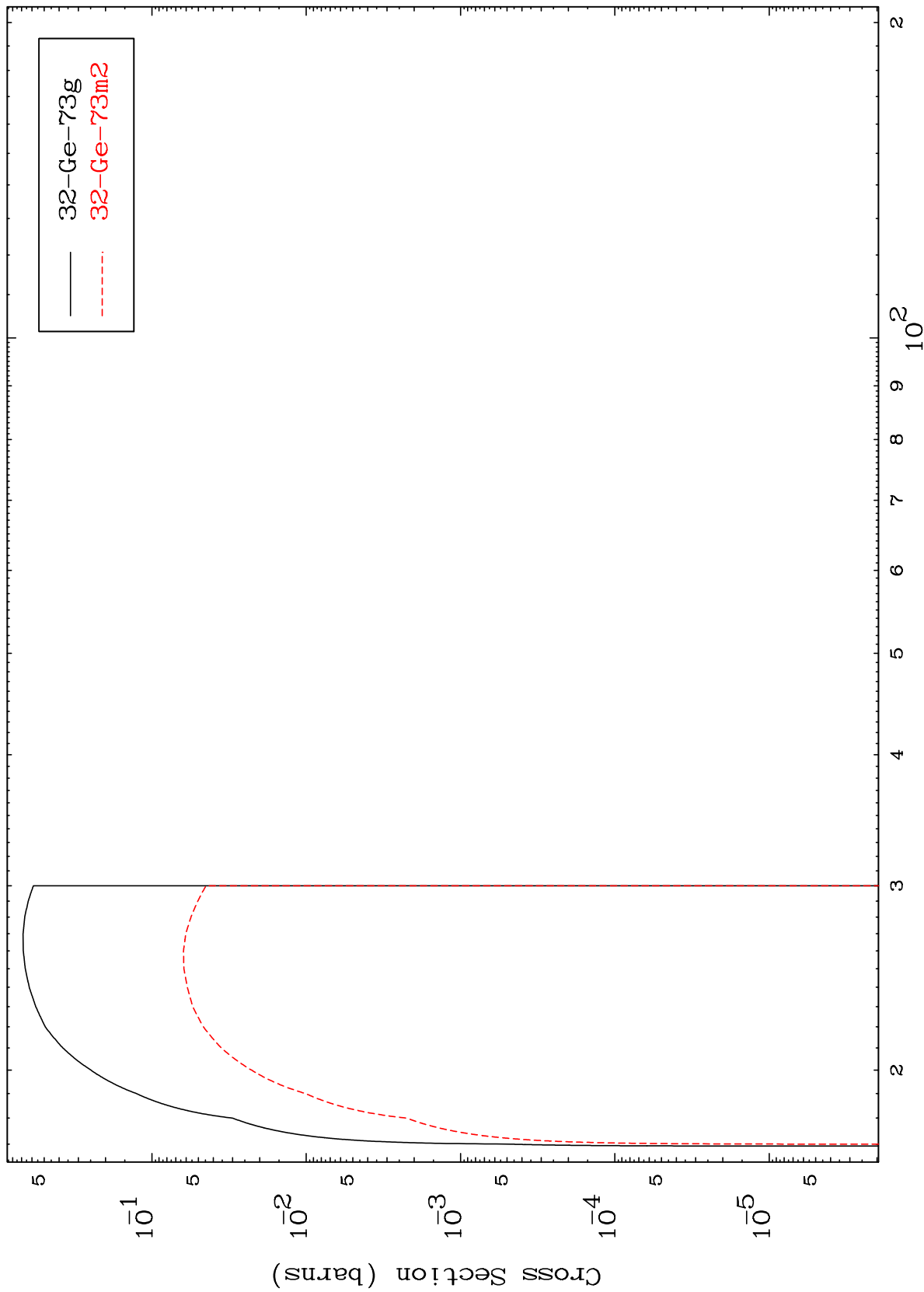


MAT 3240

<sup>32</sup>Ge-75

(n, 3n)

Radionuclide Production Cross Section



102

Incident Energy (MeV)

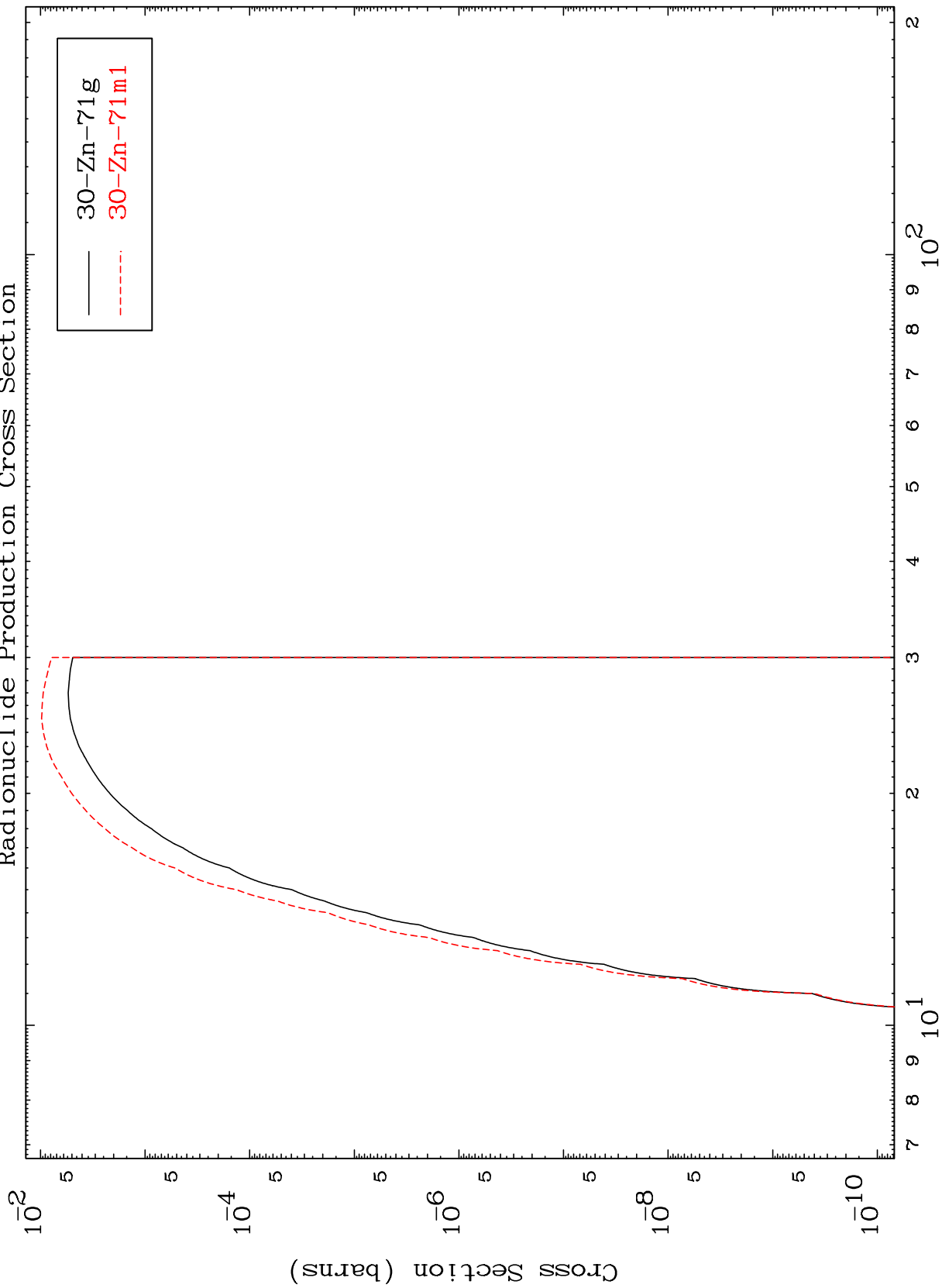
<sup>32</sup>Ge-75

MAT 3240

$(n, n') \alpha$

$^{32}\text{Ge-75}$

Radionuclide Production Cross Section



103

Incident Energy (MeV)

$^{32}\text{Ge-75}$

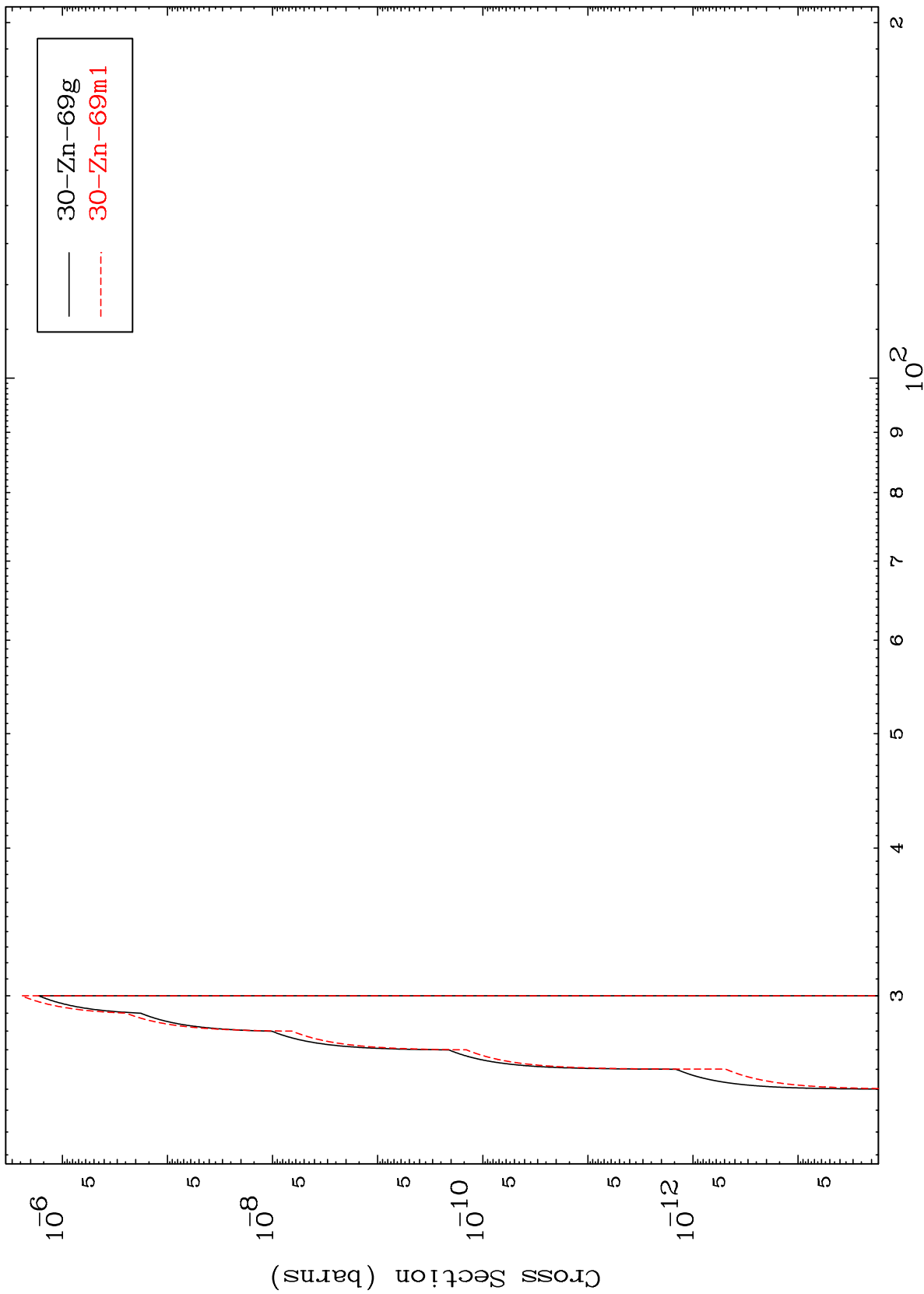


MAT 3240

(n,3n)  $\alpha$

<sup>32</sup>Ge-75

Radionuclide Production Cross Section



104

Incident Energy (MeV)

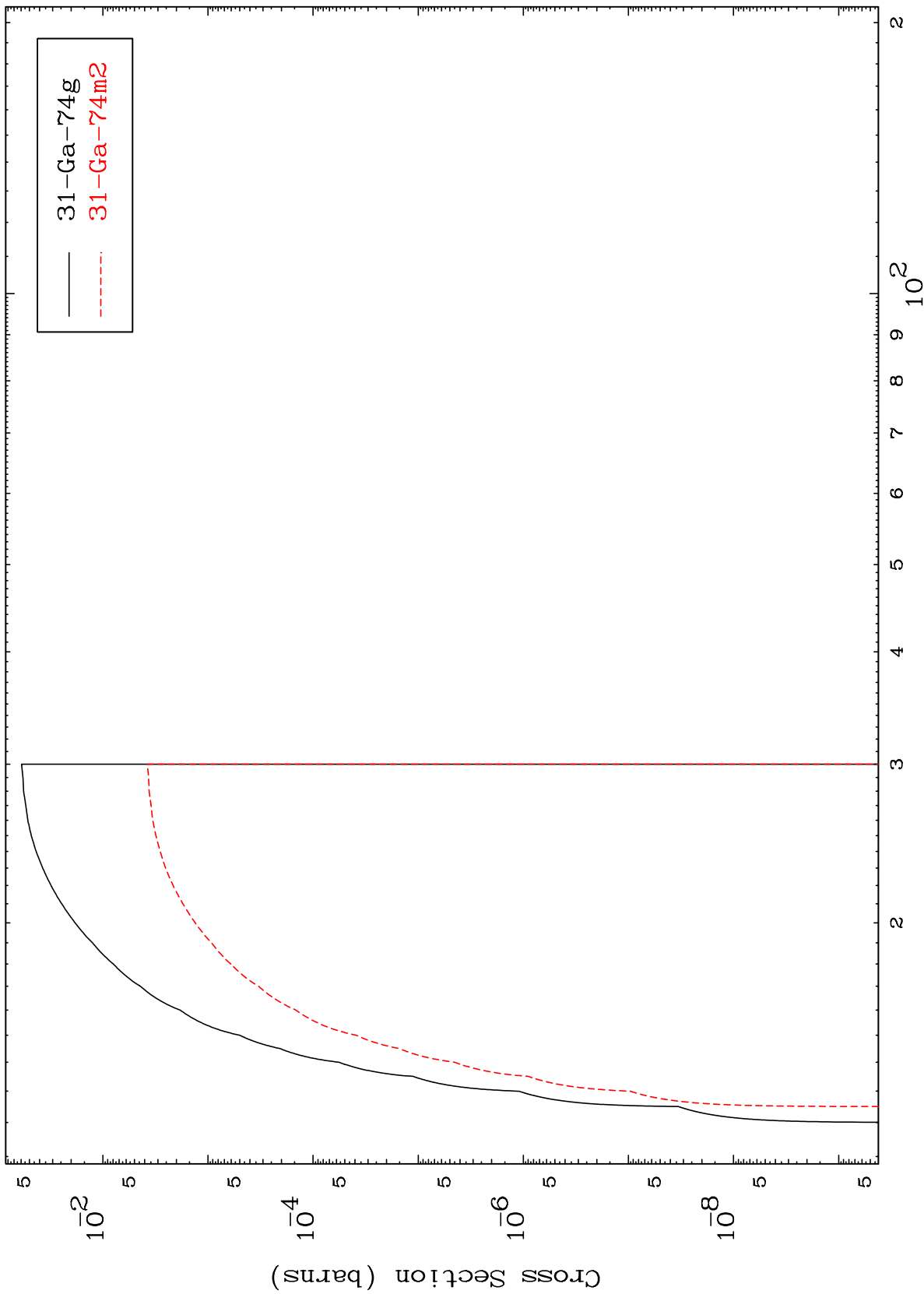
<sup>32</sup>Ge-75

MAT 3240

$(n, n')$  p

$^{32}\text{Ge-75}$

Radionuclide Production Cross Section



105

Incident Energy (MeV)

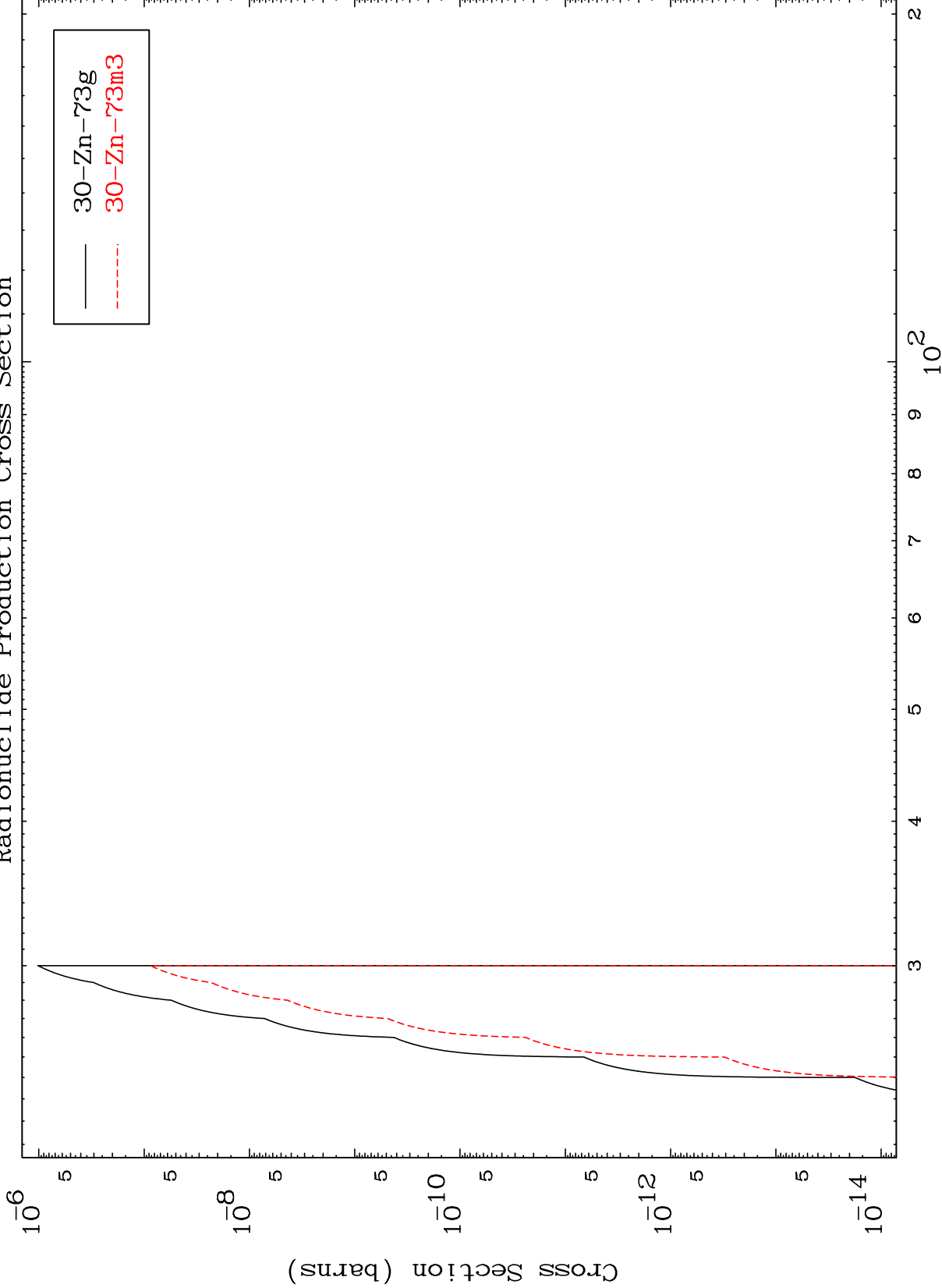
$^{32}\text{Ge-75}$

MAT 3240

(n,2n) p

32-Ge-75

Radionuclide Production Cross Section



30-Zn-73g  
30-Zn-73m3

106

Incident Energy (MeV)

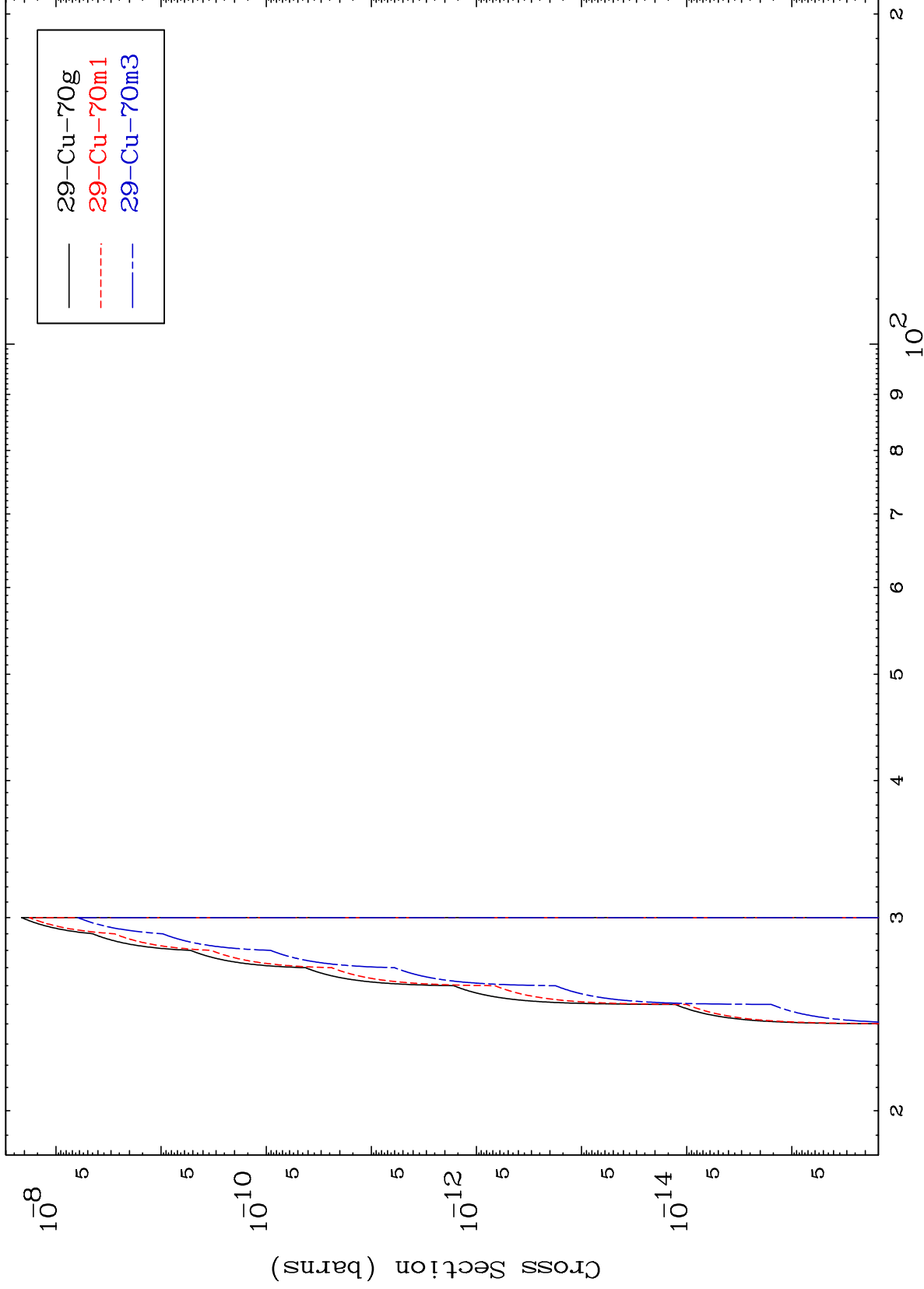
32-Ge-75

MAT 3240

(n,n') p  $\alpha$

32-Ge-75

Radionuclide Production Cross Section



107

Incident Energy (MeV)

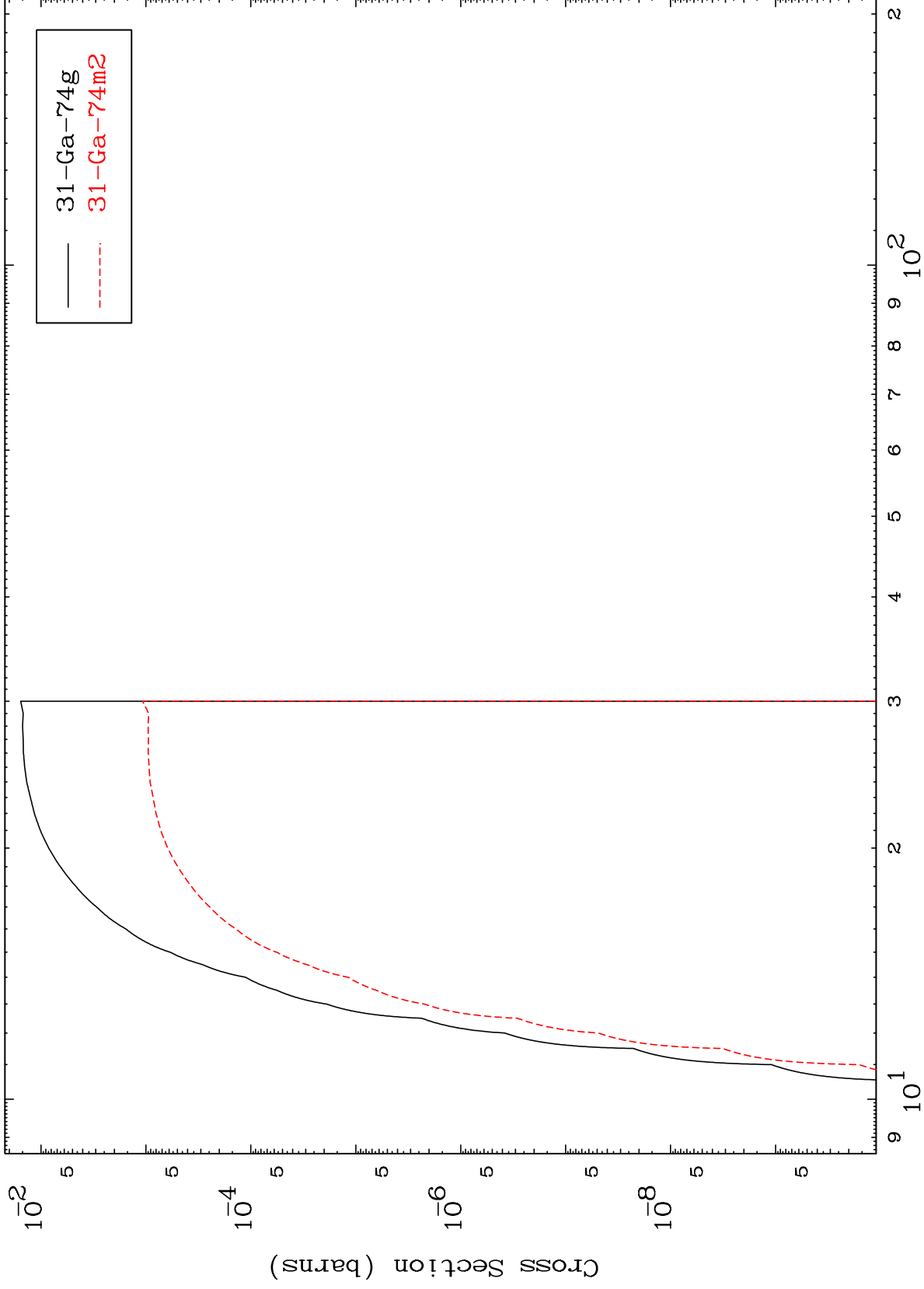
32-Ge-75

MAT 3240

(n,d)

<sup>32</sup>Ge-75

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>32</sup>Ge-75

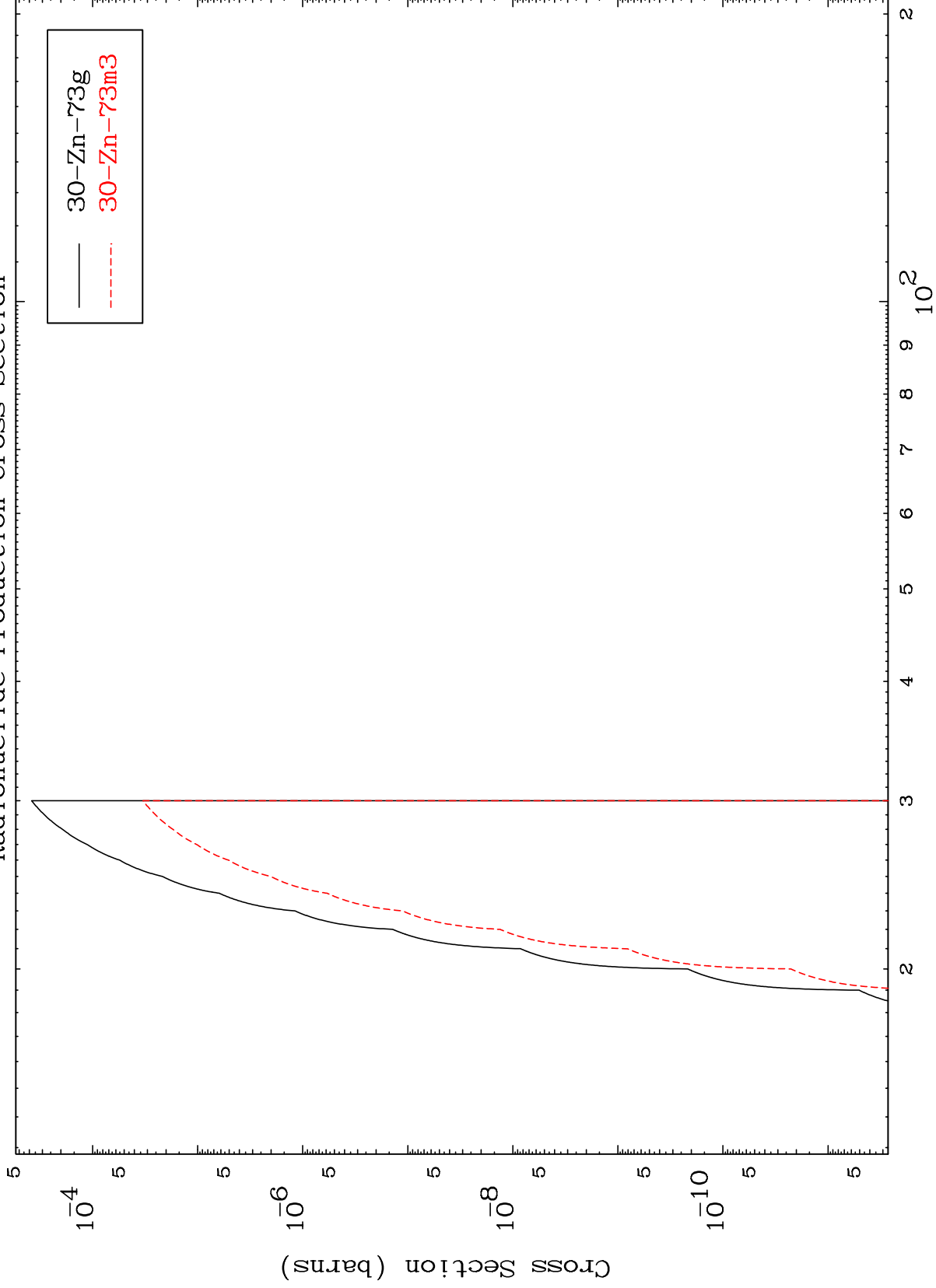
108

MAT 3240

(n,He-3)

32-Ge-75

Radionuclide Production Cross Section



109

Incident Energy (MeV)

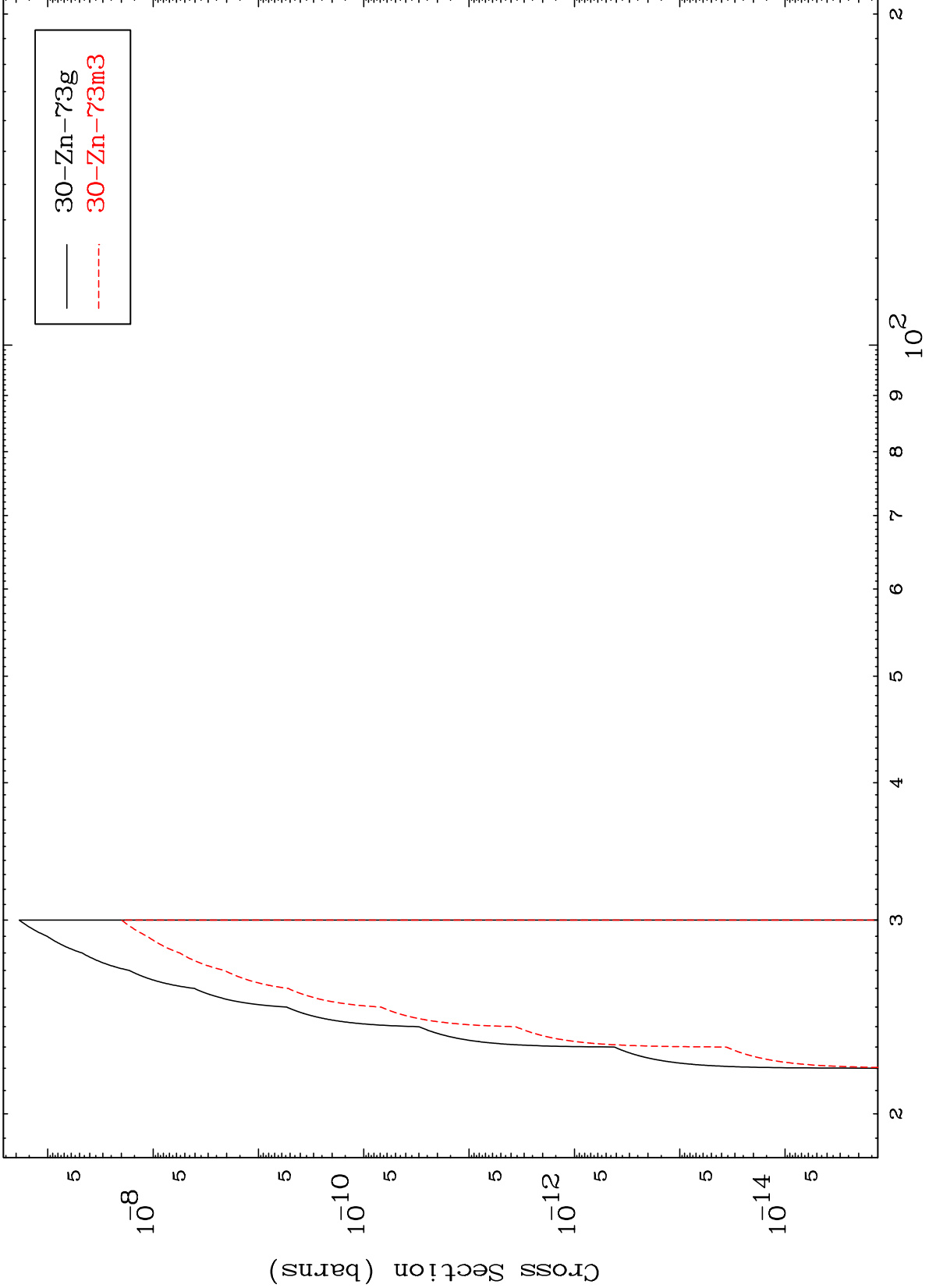
32-Ge-75

MAT 3240

(n,p) d

32-Ge-75

Radionuclide Production Cross Section



30-Zn-73g  
30-Zn-73m3

110

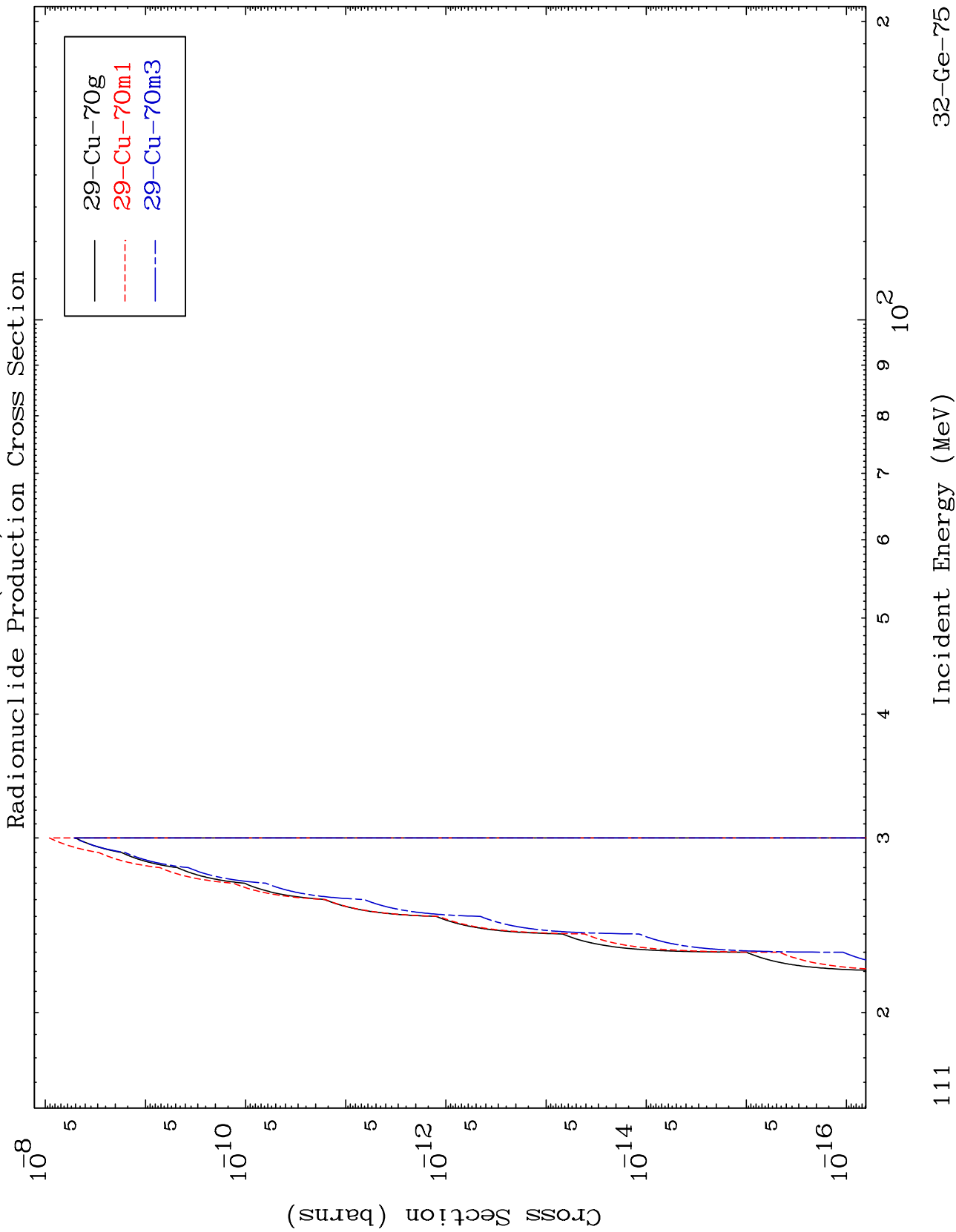
Incident Energy (MeV)

32-Ge-75

MAT 3240

(n,d)  $\alpha$

32-Ge-75



111