

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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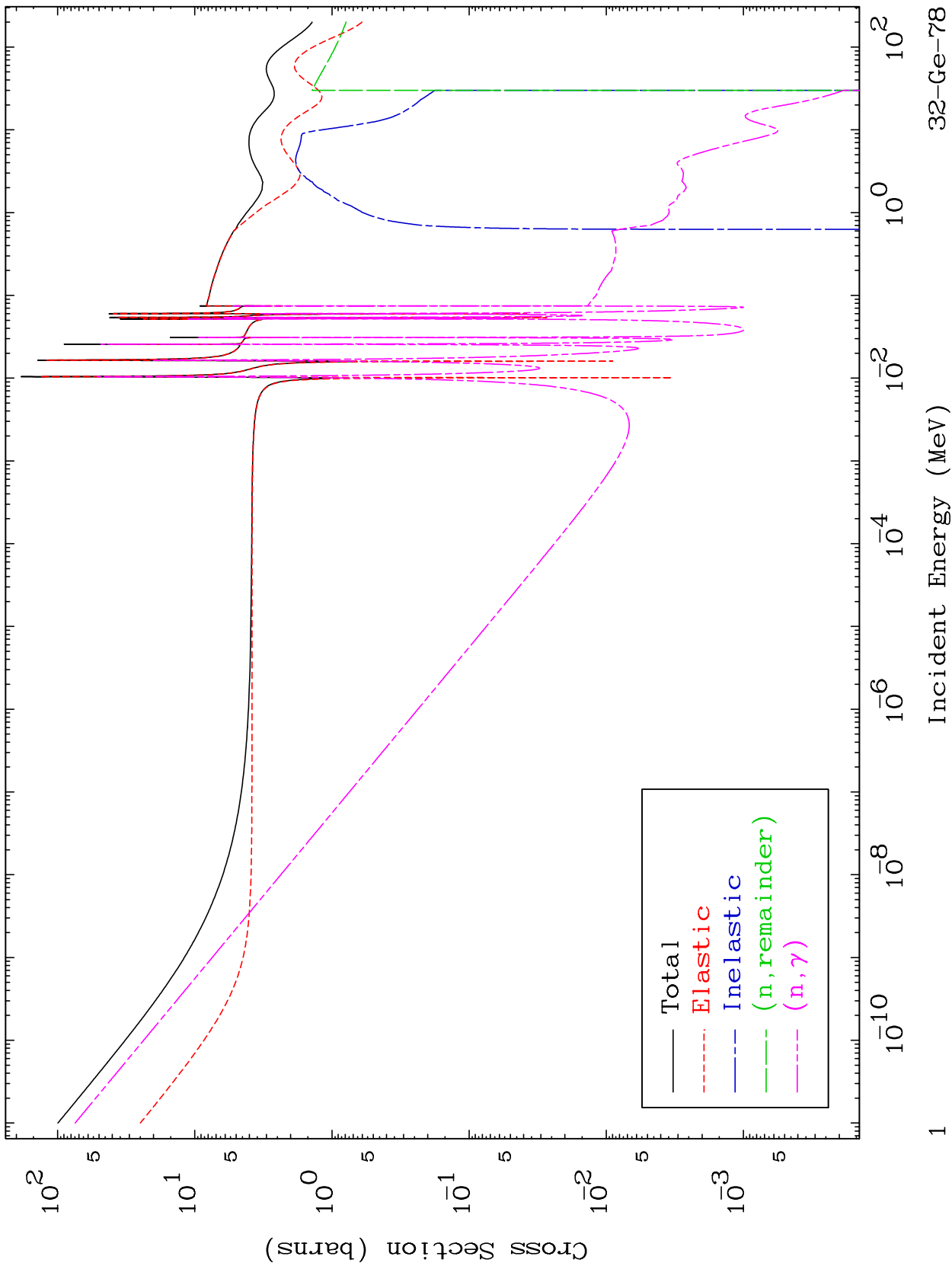
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3249

Major  
293 Kelvin Cross Sections

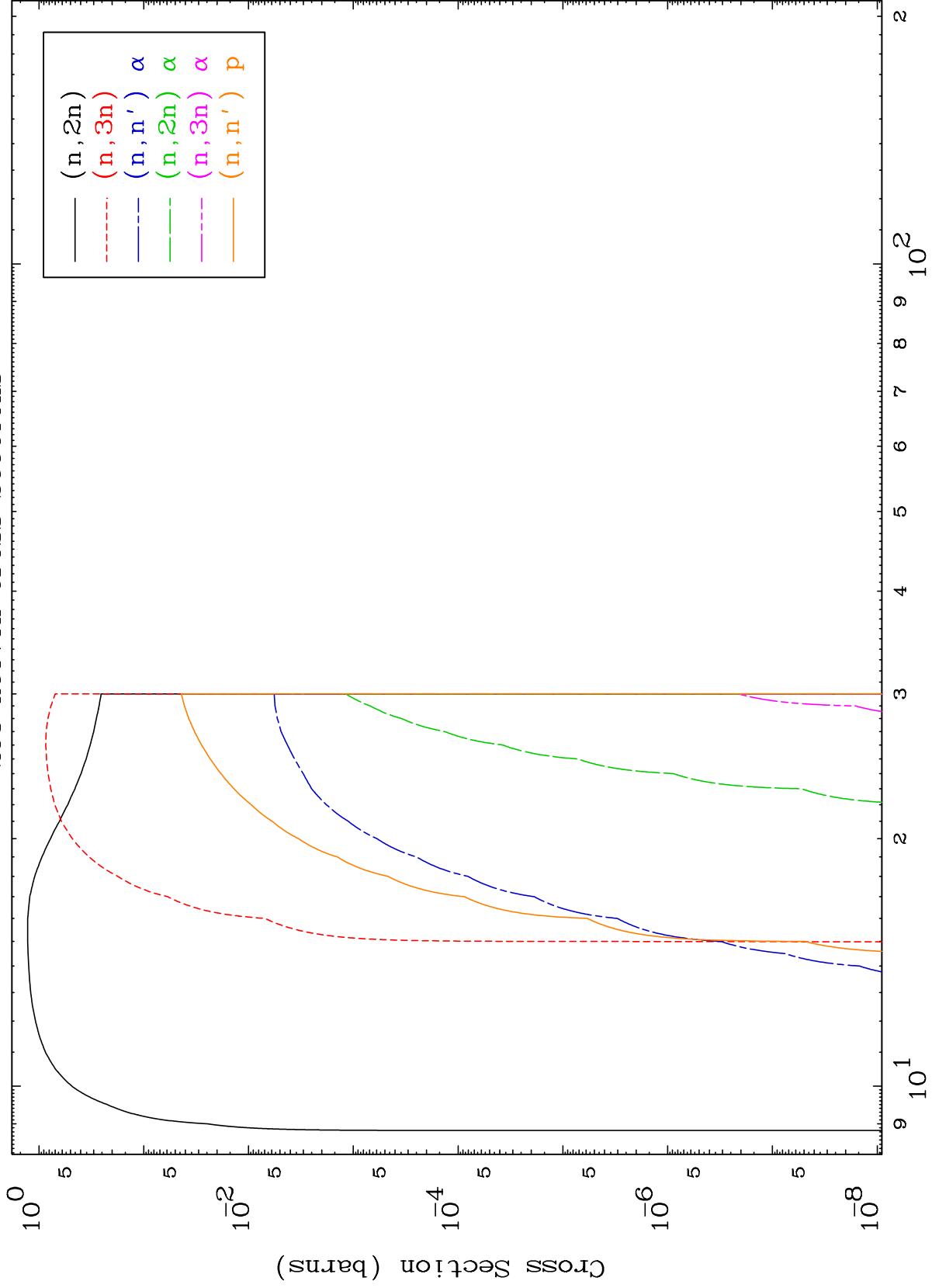
32-Ge-78



MAT 3249

Neutron Production  
293 Kelvin Cross Sections

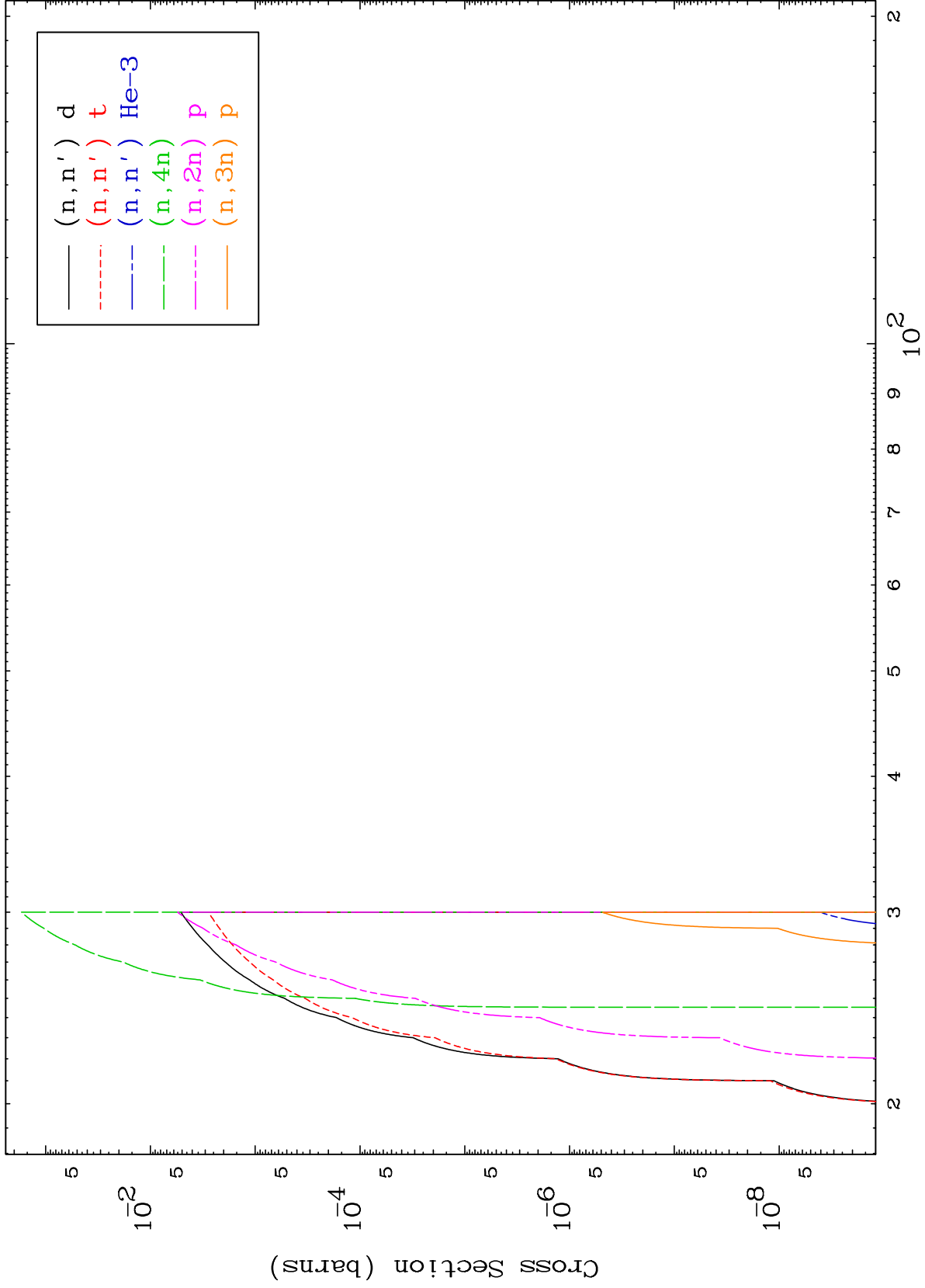
32-Ge-78

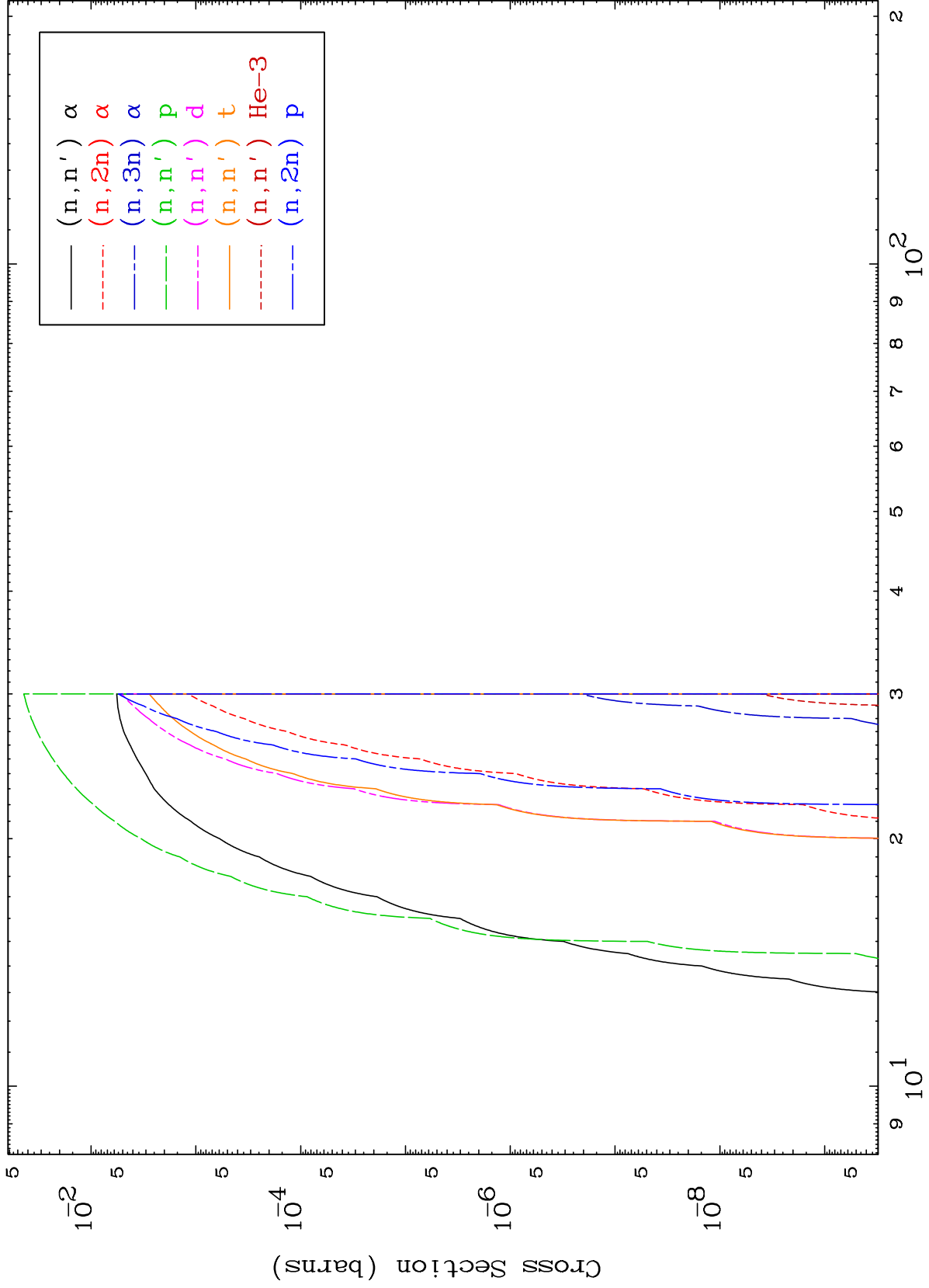


2

Incident Energy (MeV)

32-Ge-78

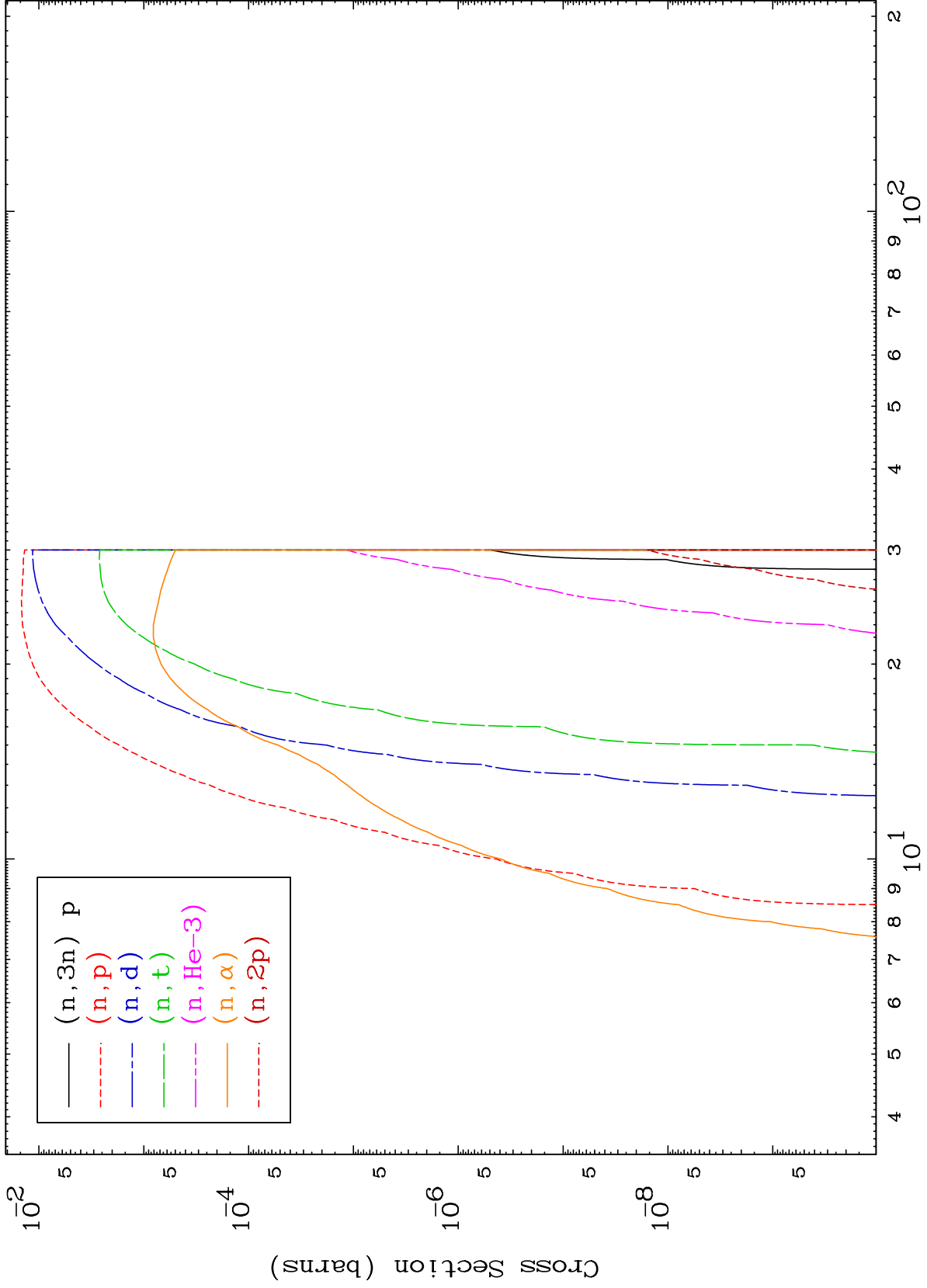




MAT 3249

Charged Particle  
293 Kelvin Cross Sections

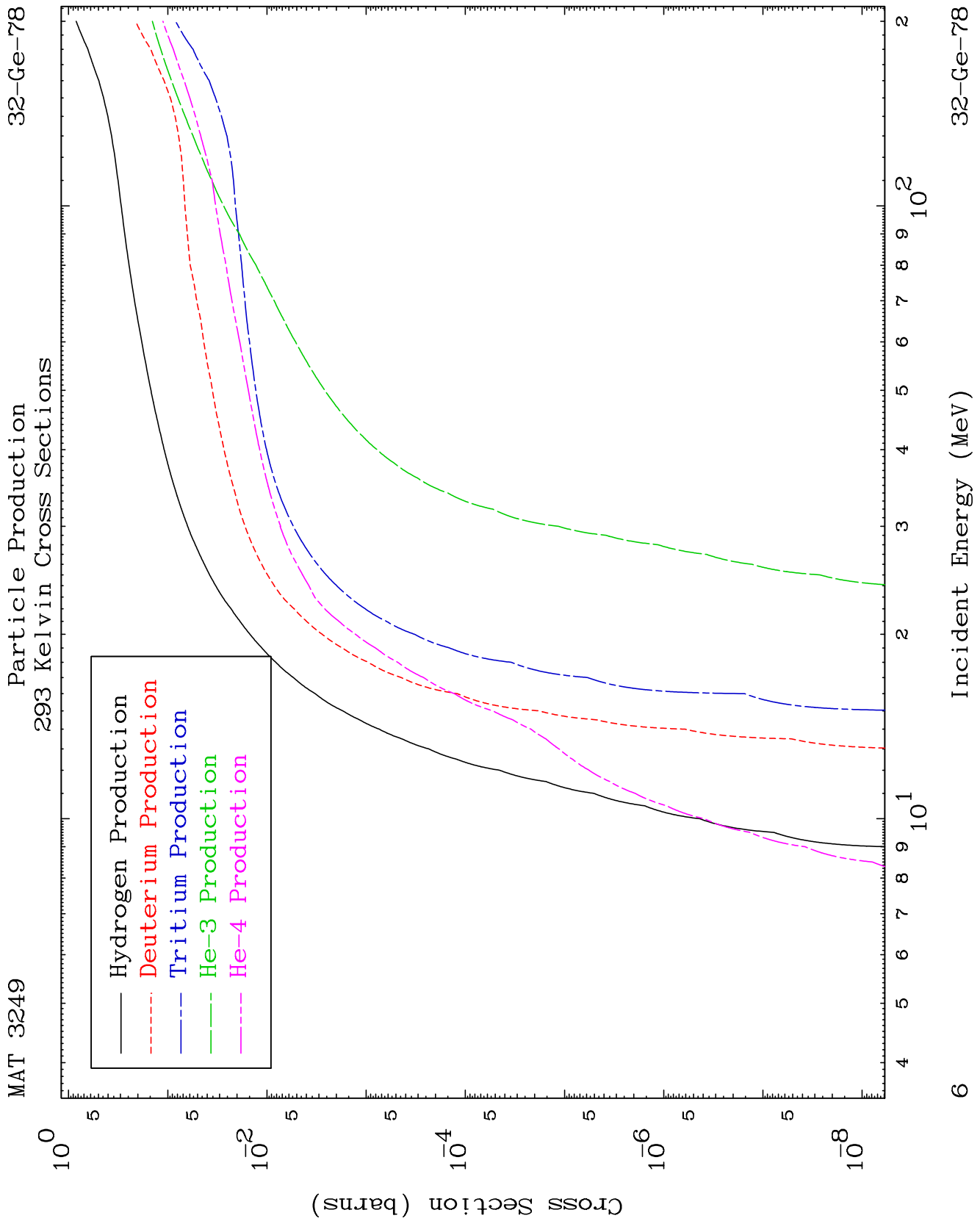
<sup>32</sup>Ge-78



5

Incident Energy (MeV)

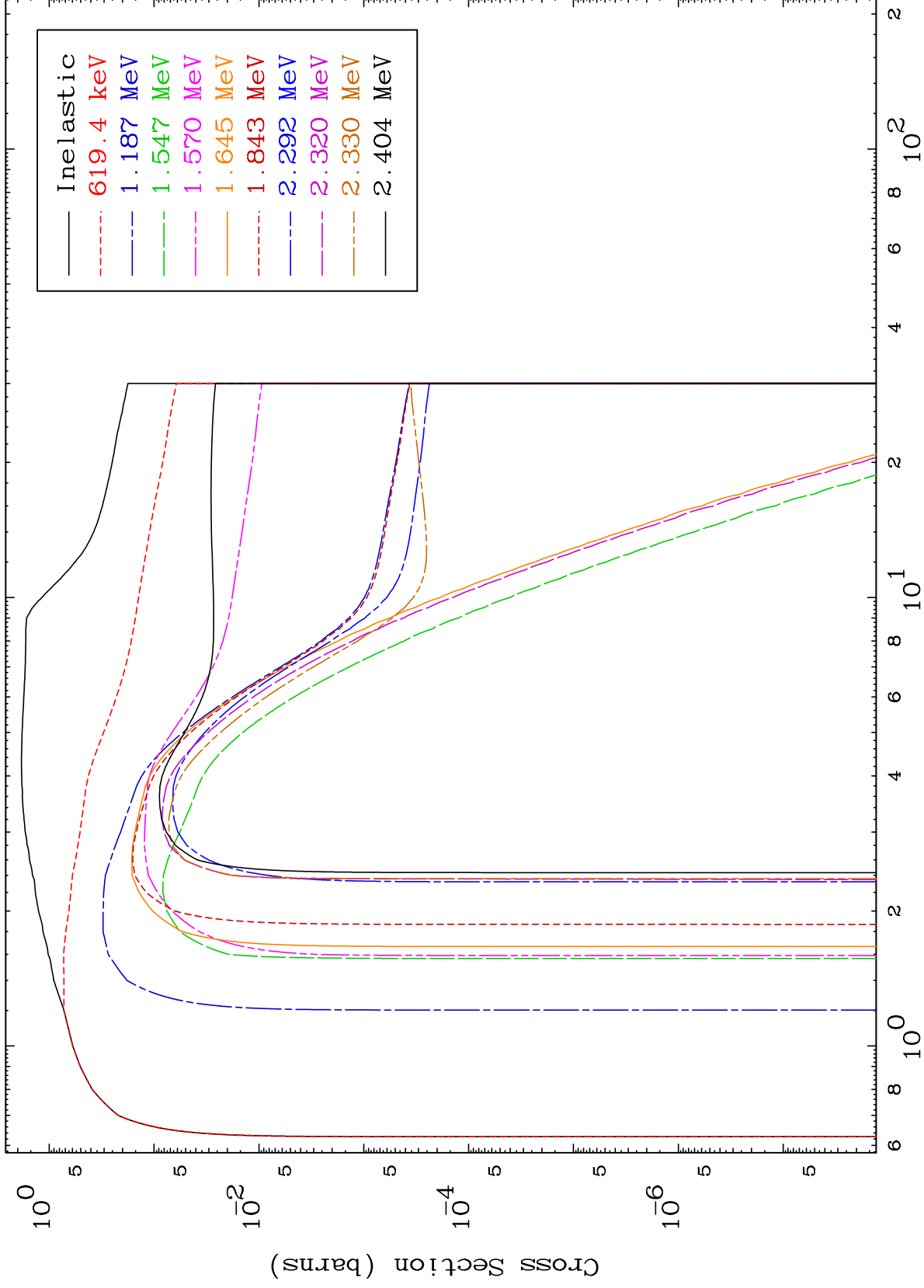
<sup>32</sup>Ge-78



MAT 3249

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-78

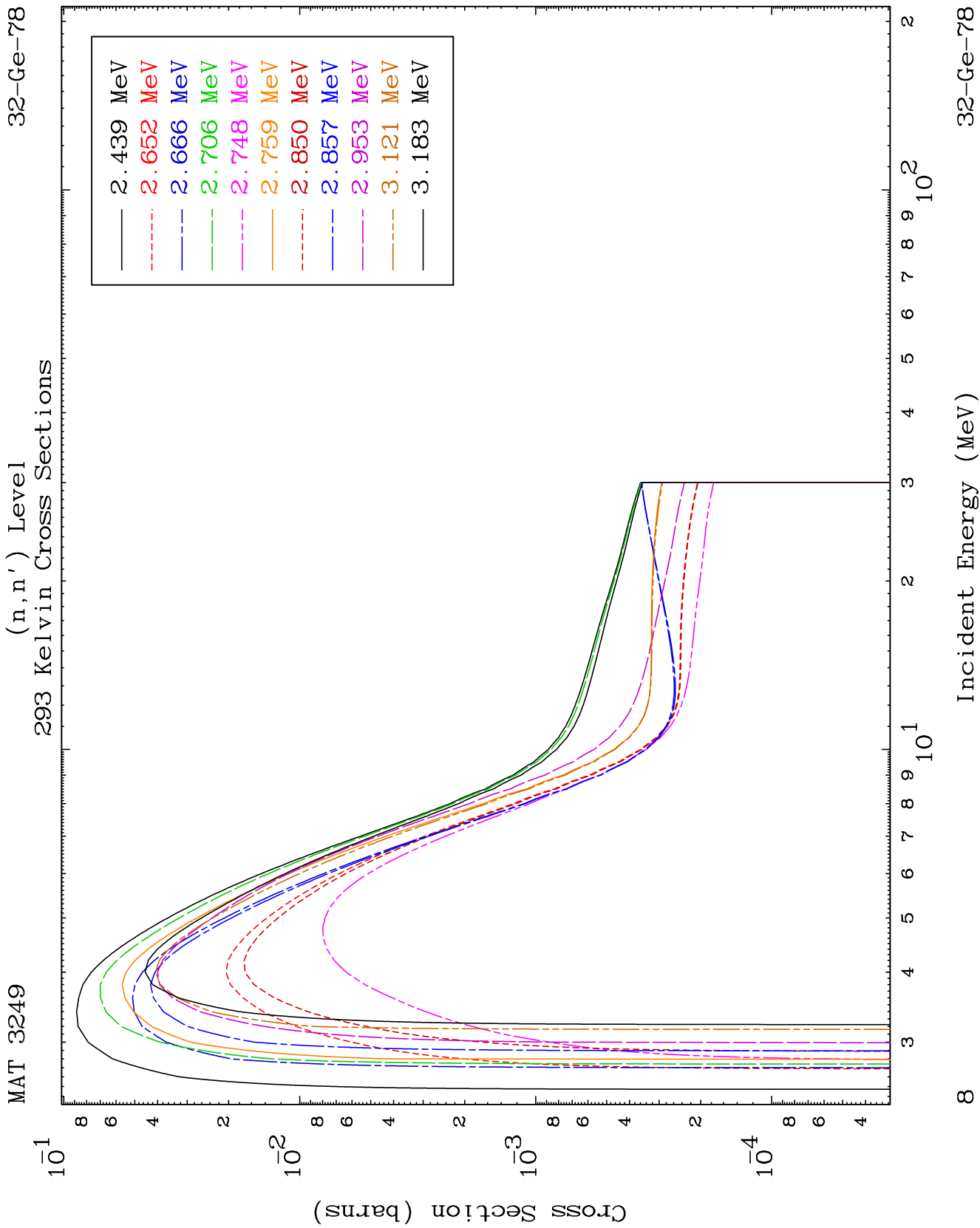


7

Incident Energy (MeV)

32-Ge-78

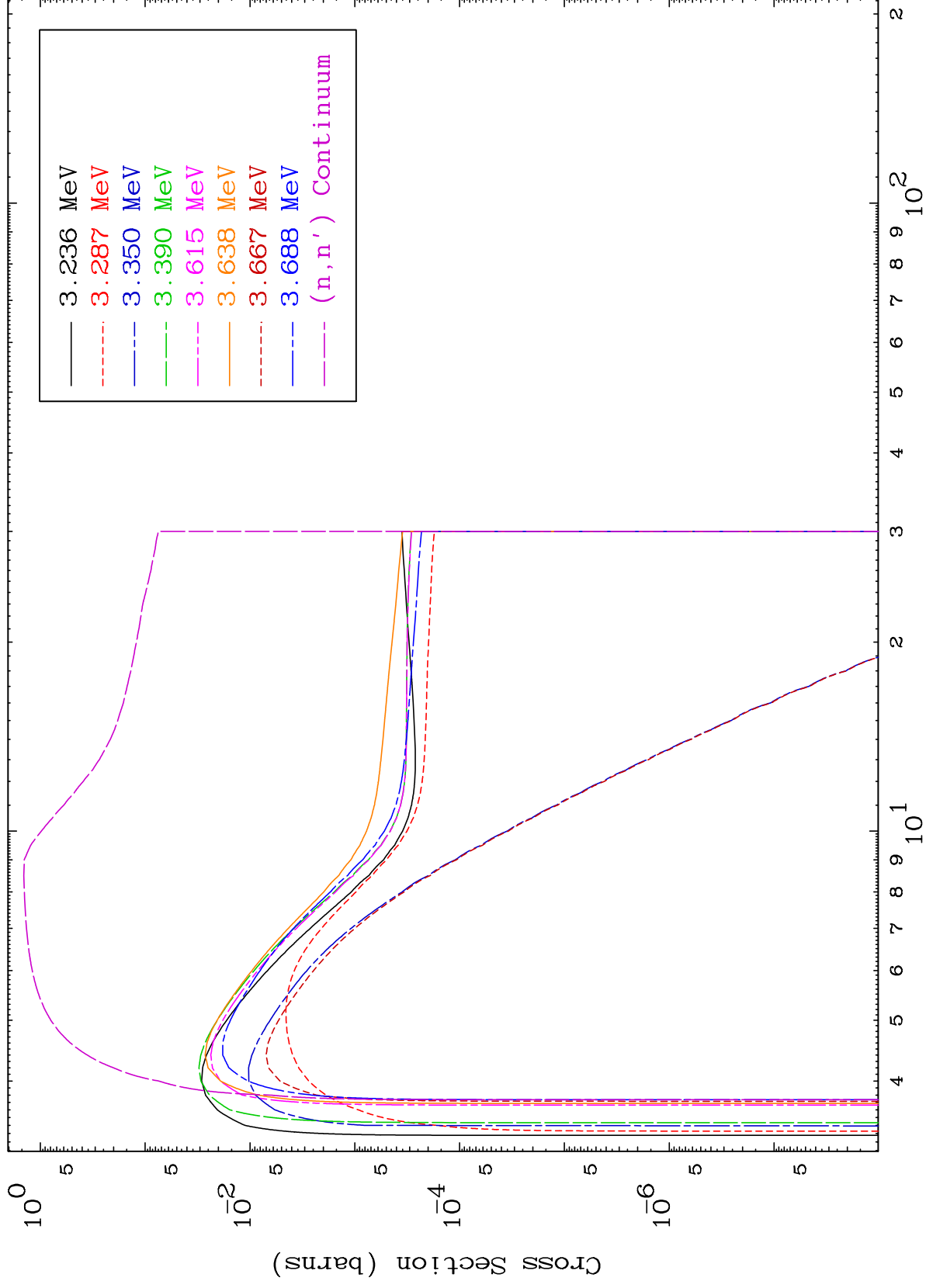




MAT 3249

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-78



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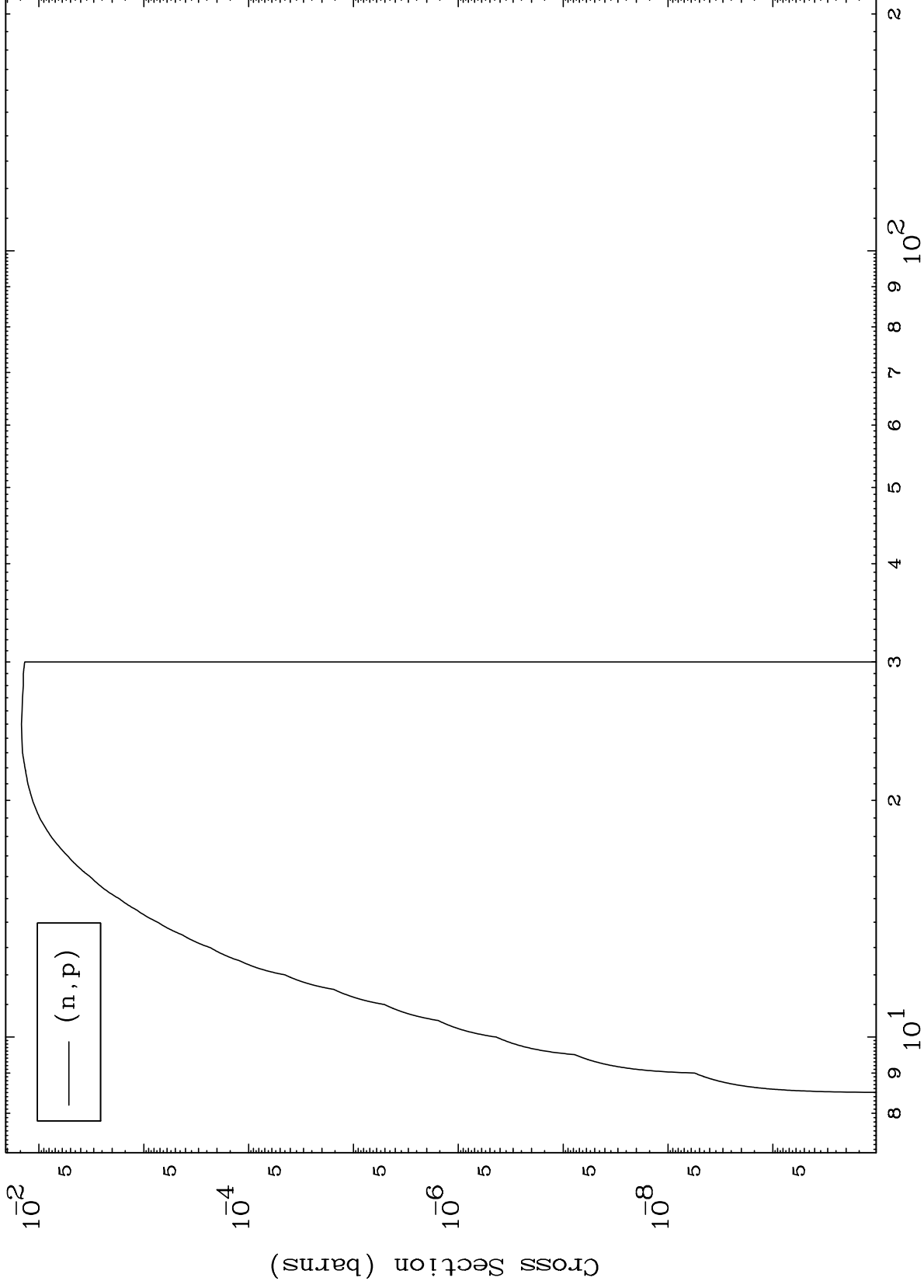
Incident Energy (MeV)

32-Ge-78

MAT 3249

(n,p) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-78



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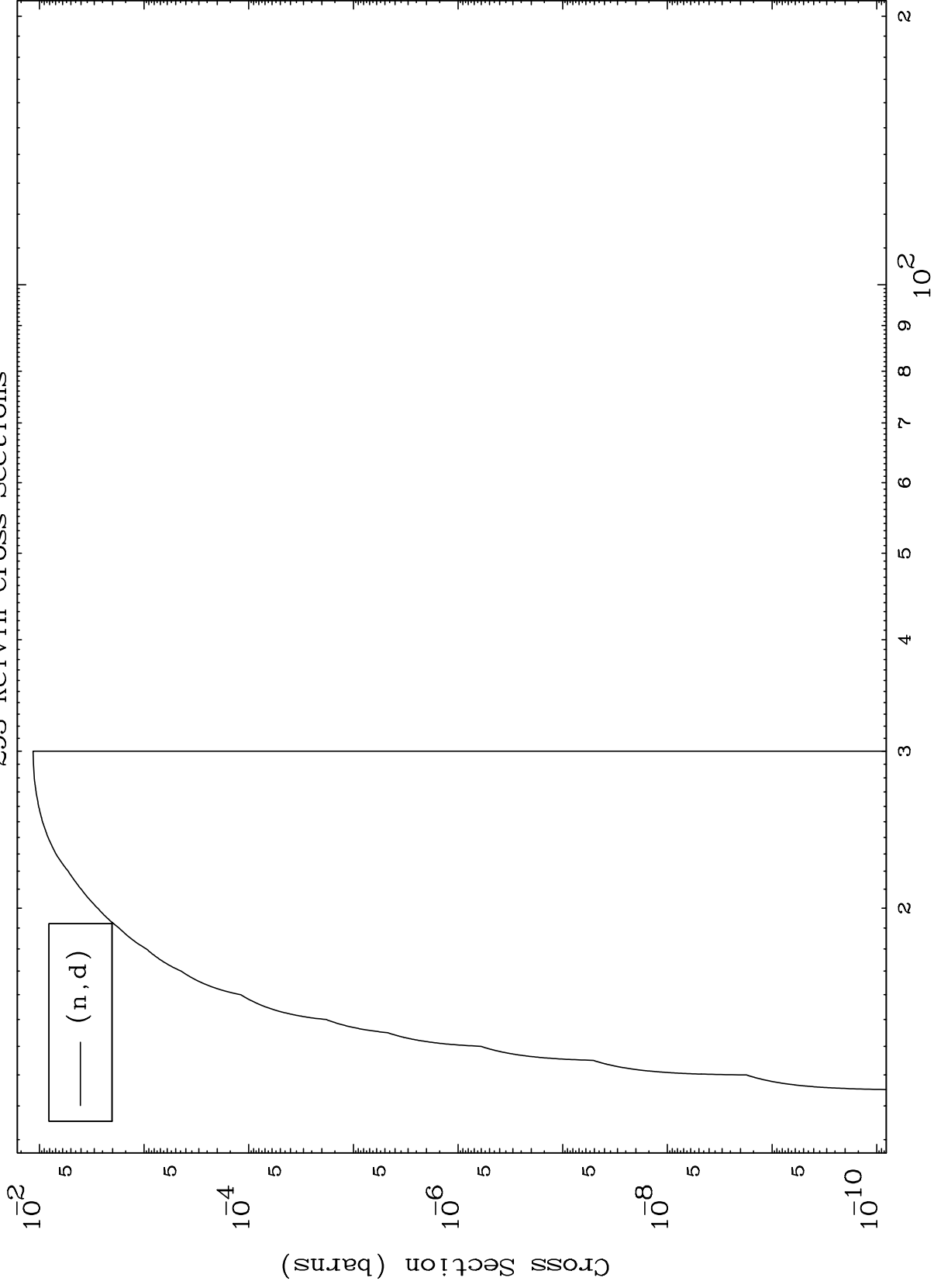
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

(n,d) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-78



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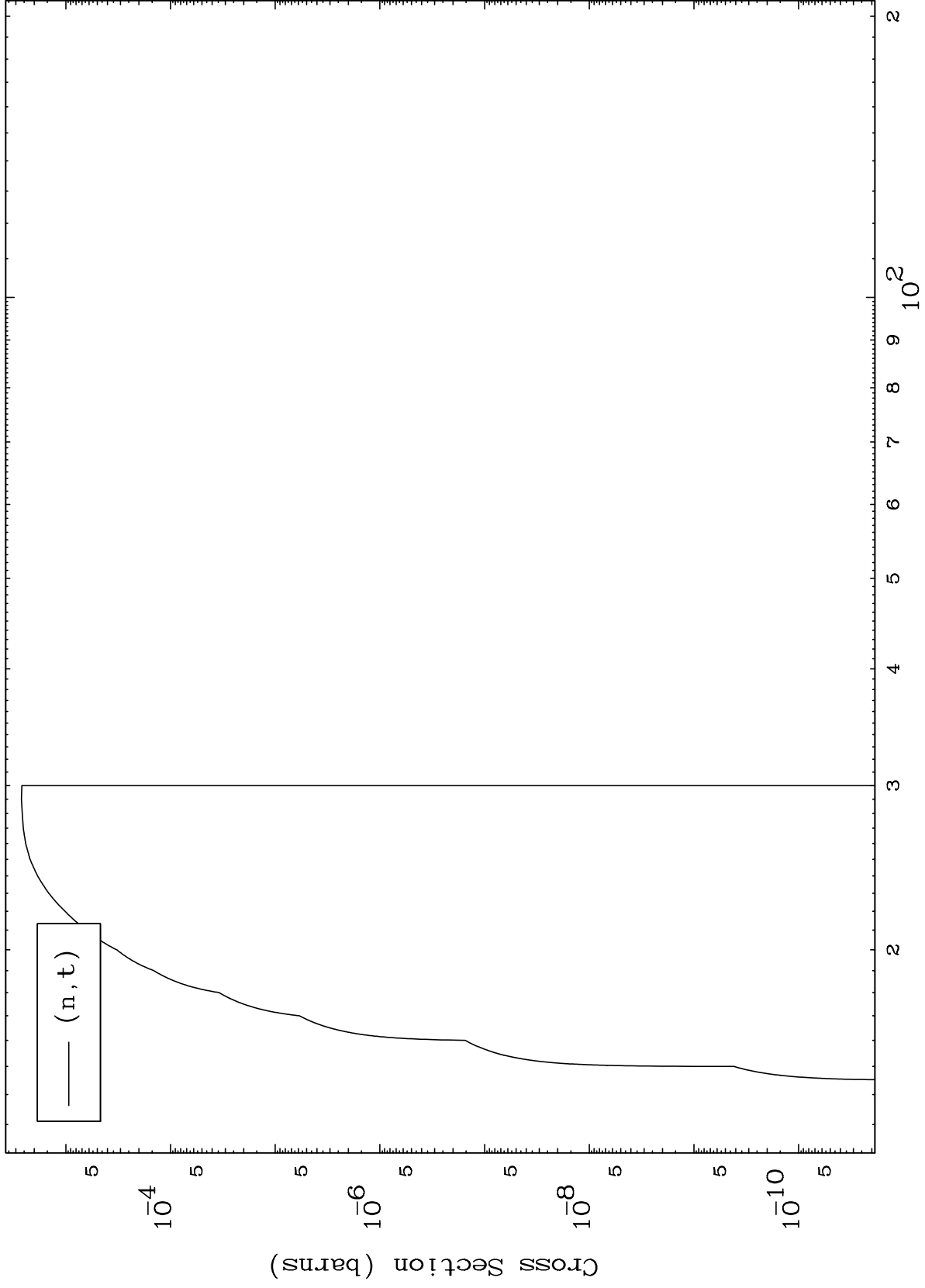
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

(n,t) Levels  
293 Kelvin Cross Sections

<sup>32</sup>Ge-78



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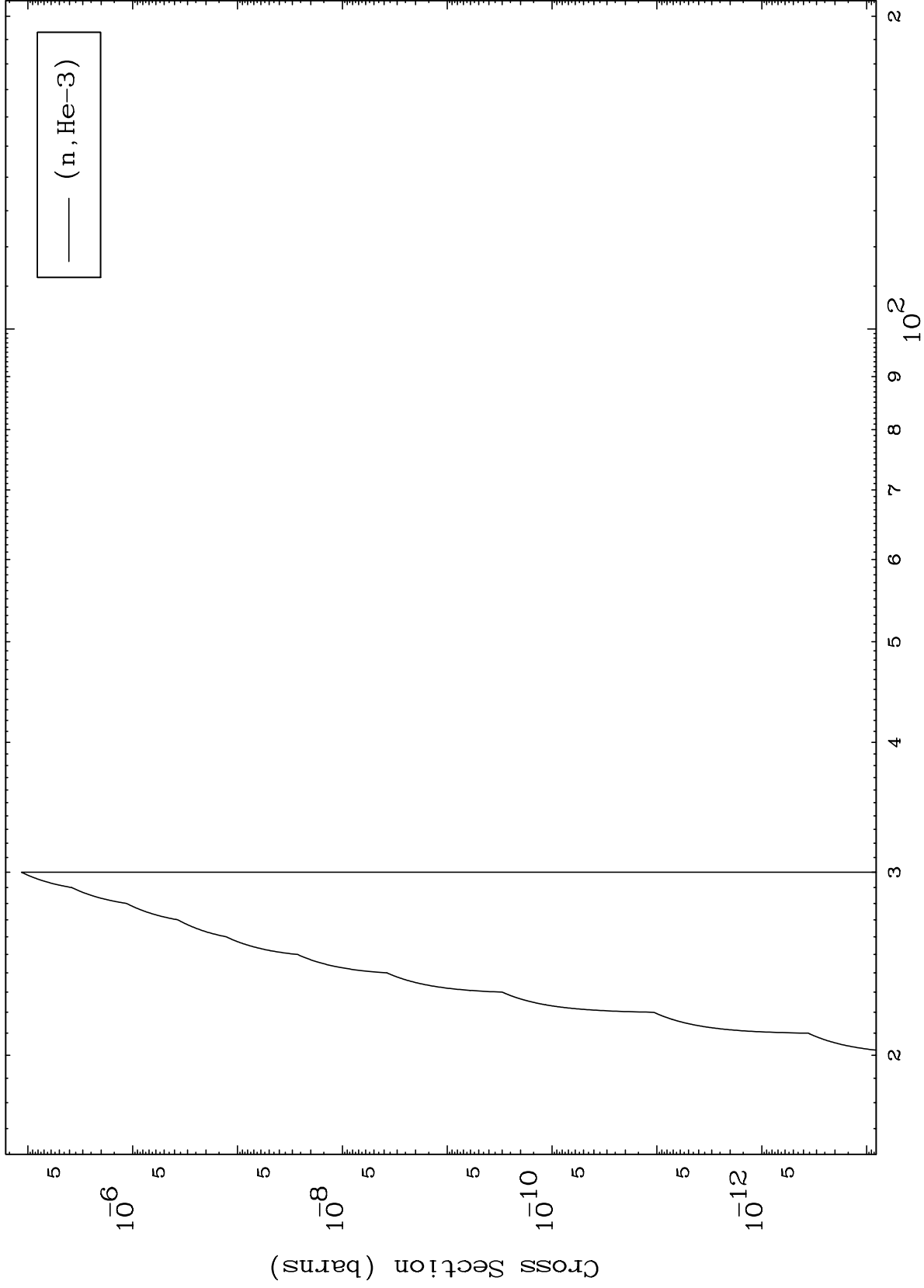
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

(n,He3) Levels  
293 Kelvin Cross Sections

32-Ge-78



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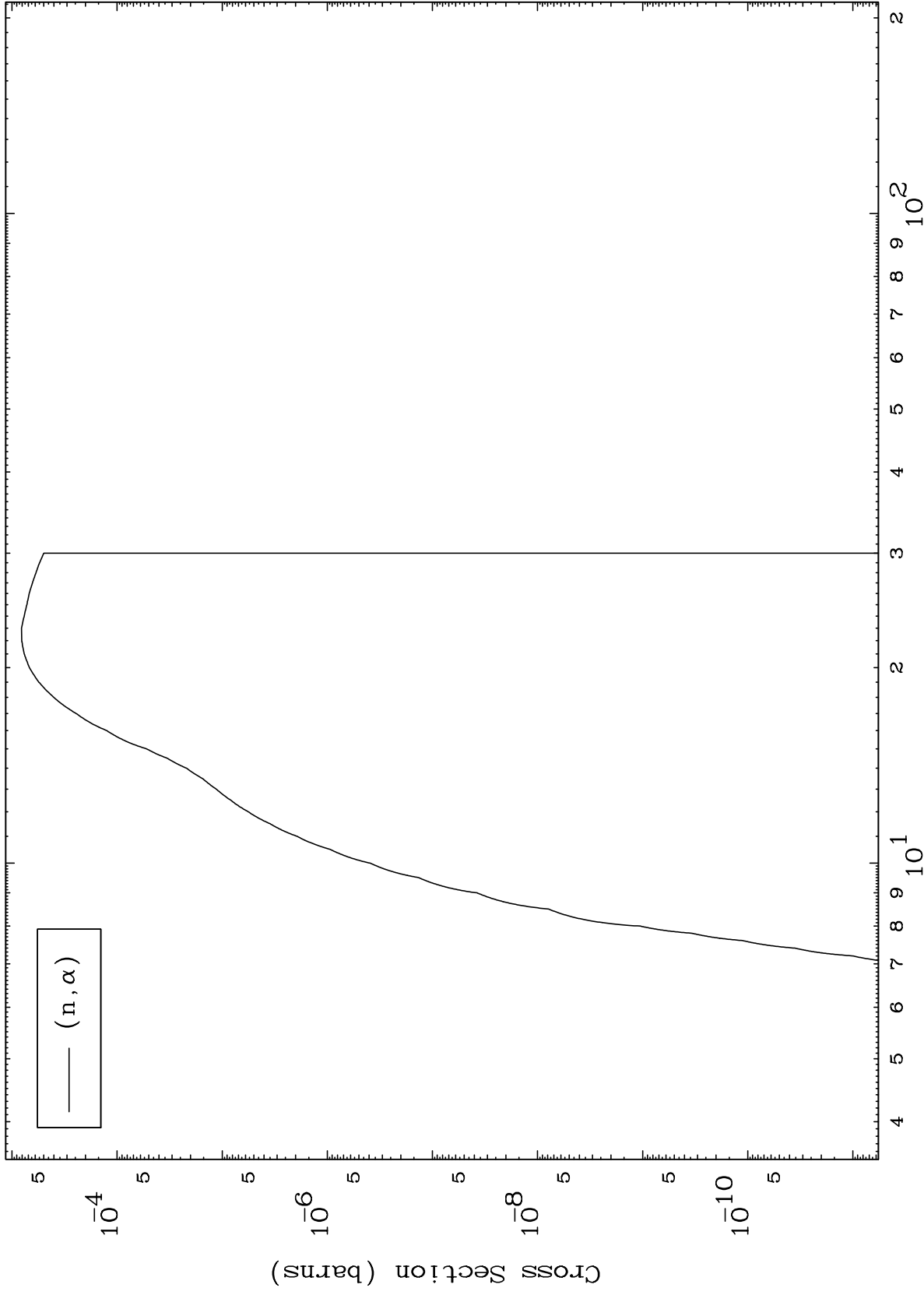
Incident Energy (MeV)

32-Ge-78

MAT 3249

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

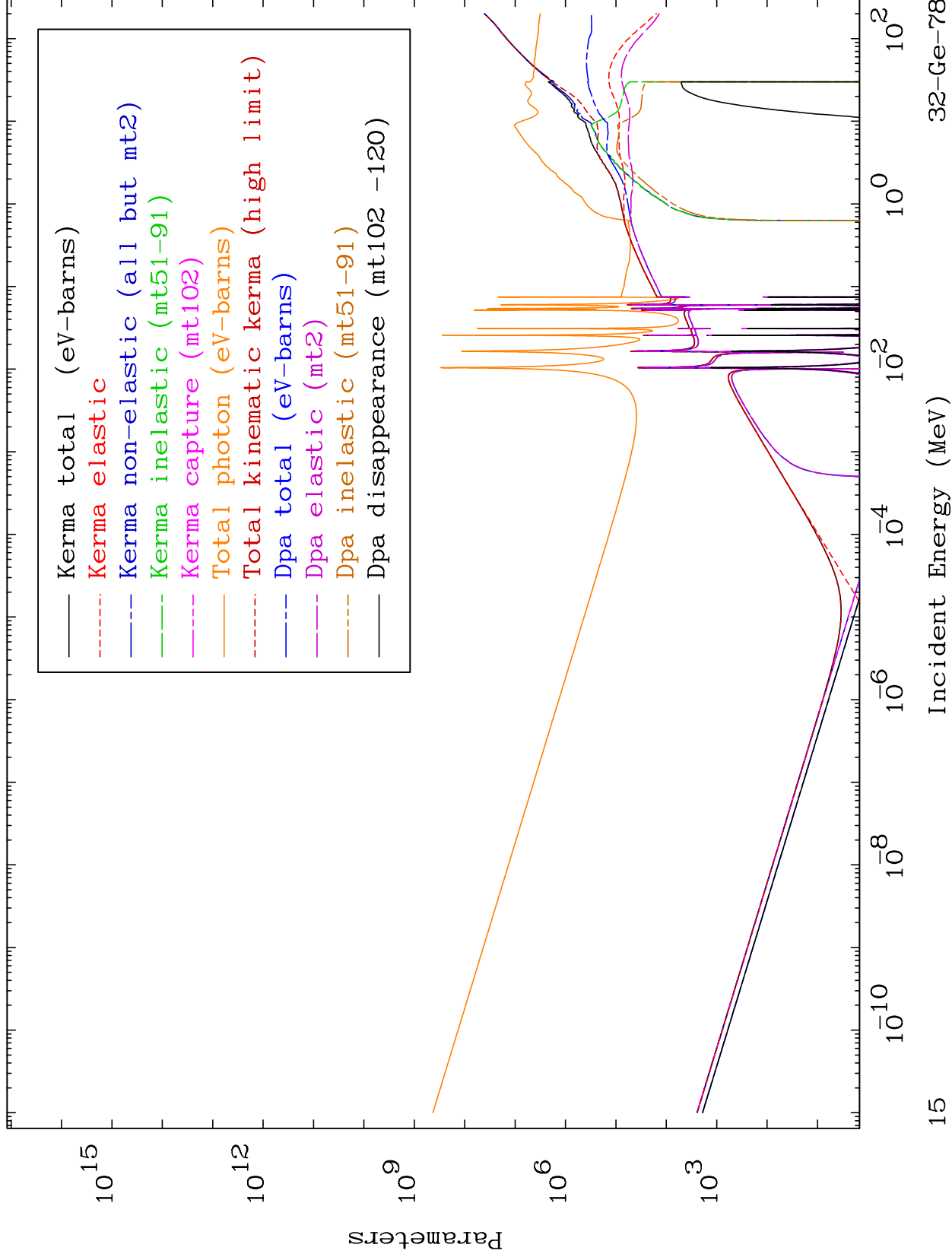
<sup>32</sup>Ge-78



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Incident Energy (MeV)

<sup>32</sup>Ge-78

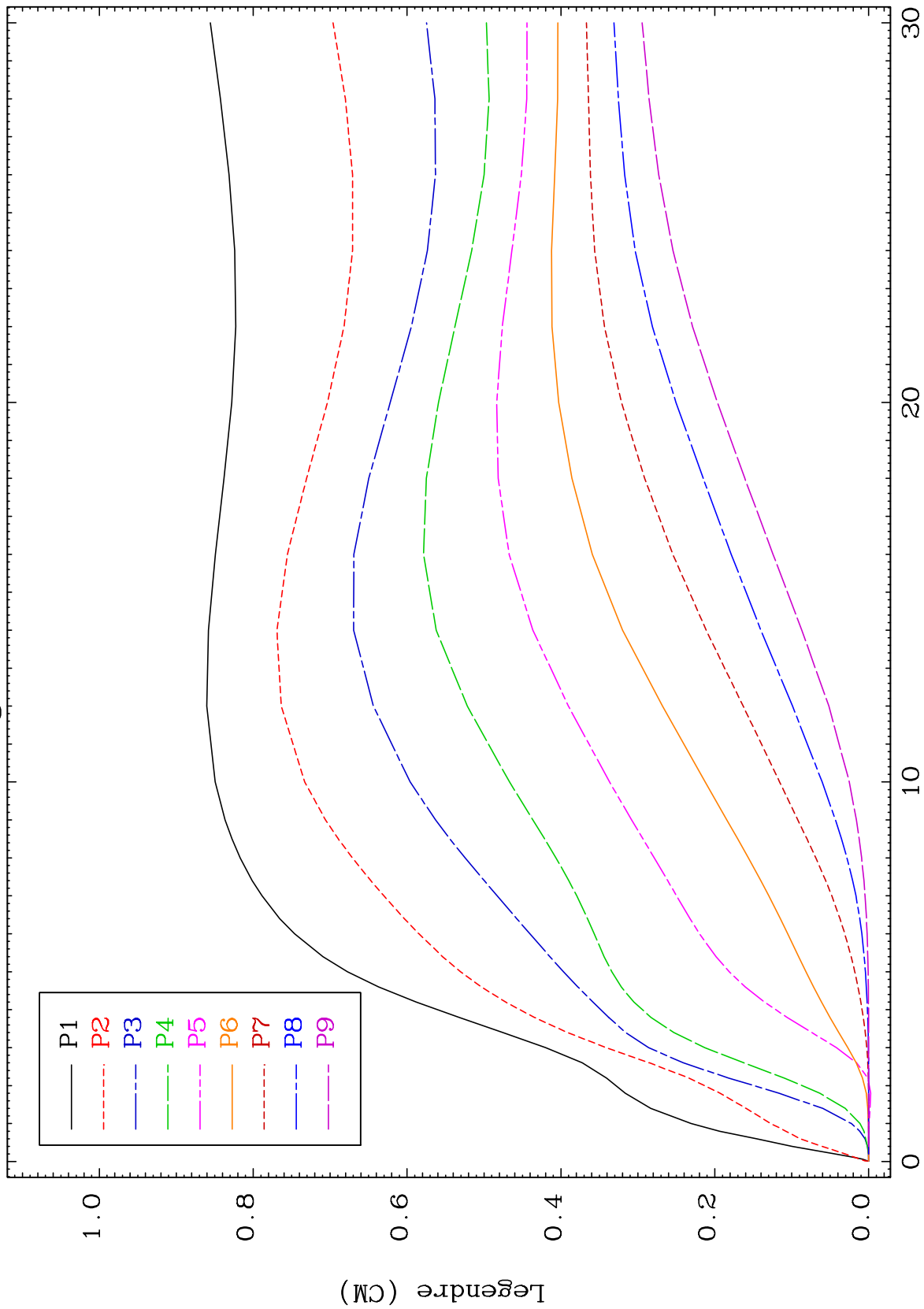




MAT 3249

Elastic Legendre Coefficients

<sup>32</sup>Ge-78



16

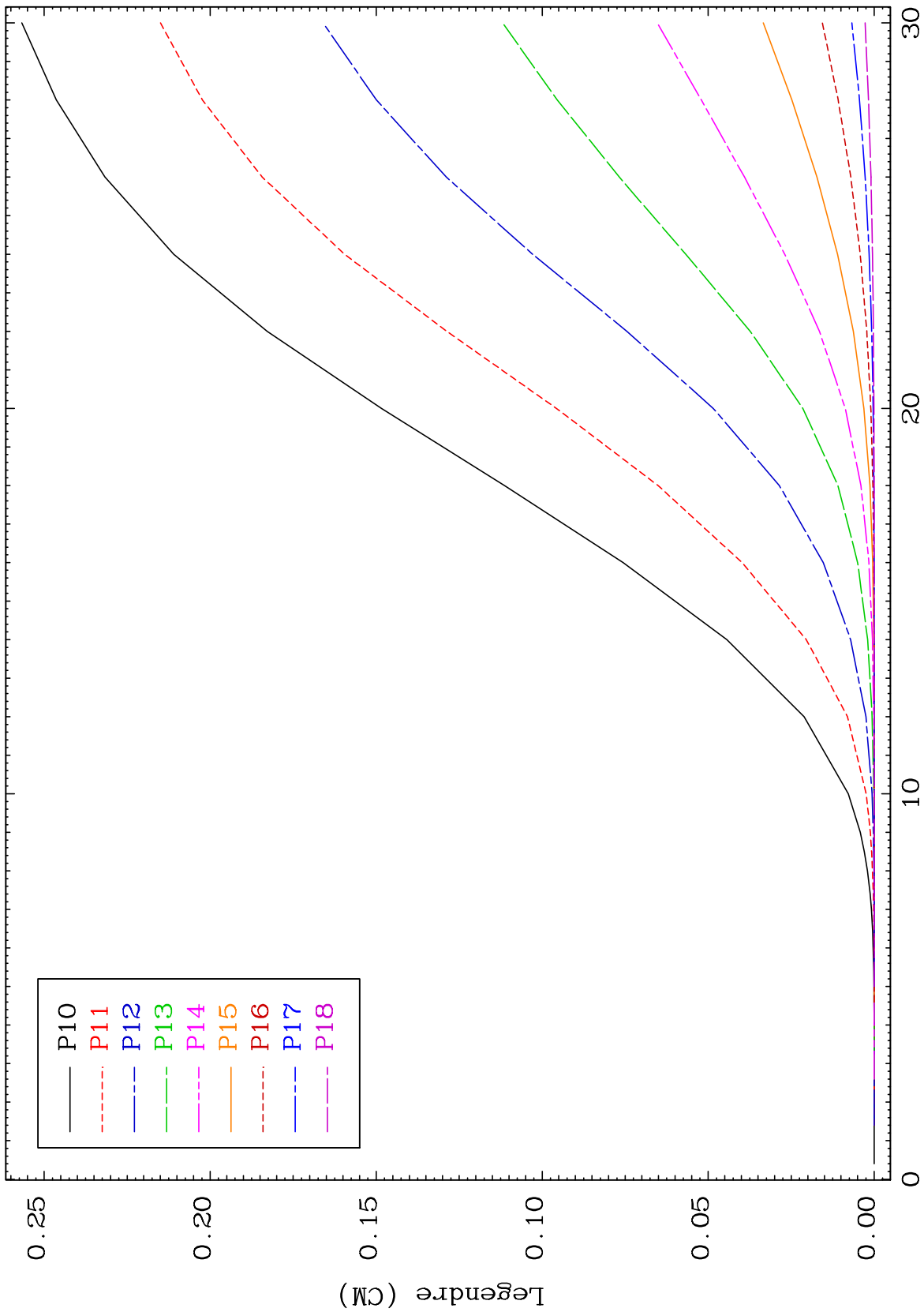
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

Elastic Legendre Coefficients

<sup>32</sup>Ge-78



17

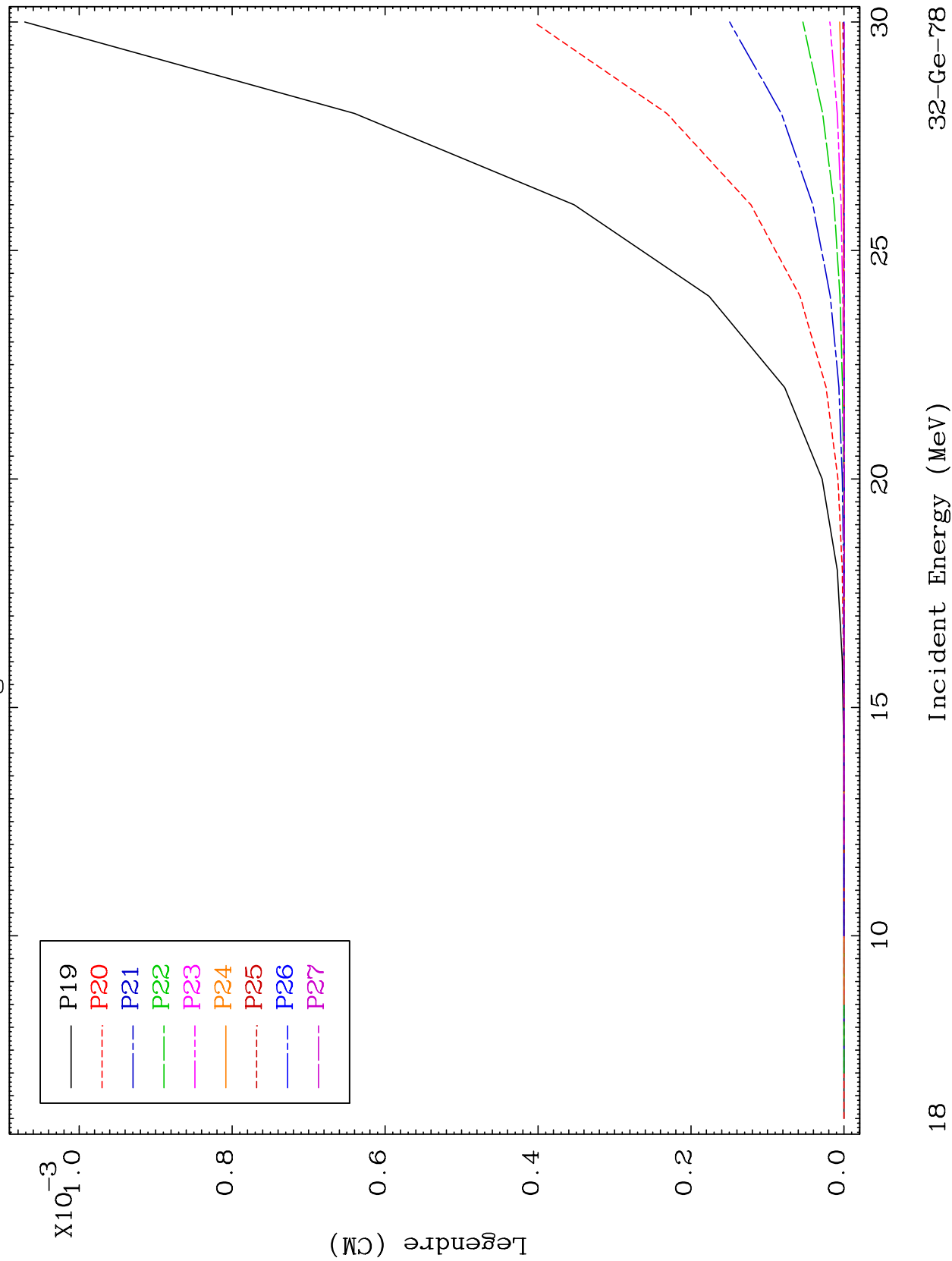
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

Elastic Legendre Coefficients

<sup>32</sup>Ge-78



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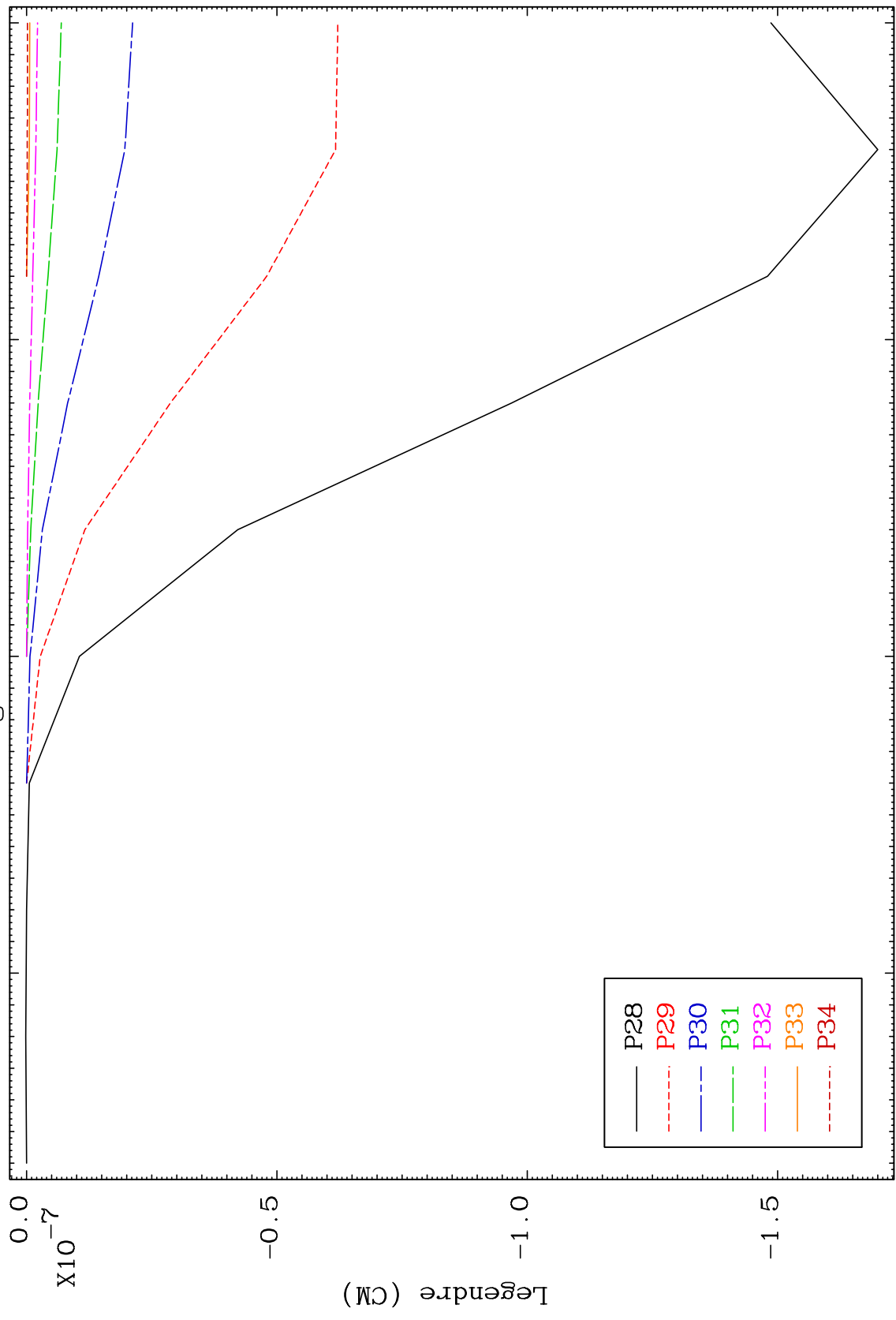
Incident Energy (MeV)

<sup>32</sup>Ge-78

MAT 3249

32-Ge-78

Elastic Legendre Coefficients



Legendre (CM)  
X10<sup>-7</sup>

30

25

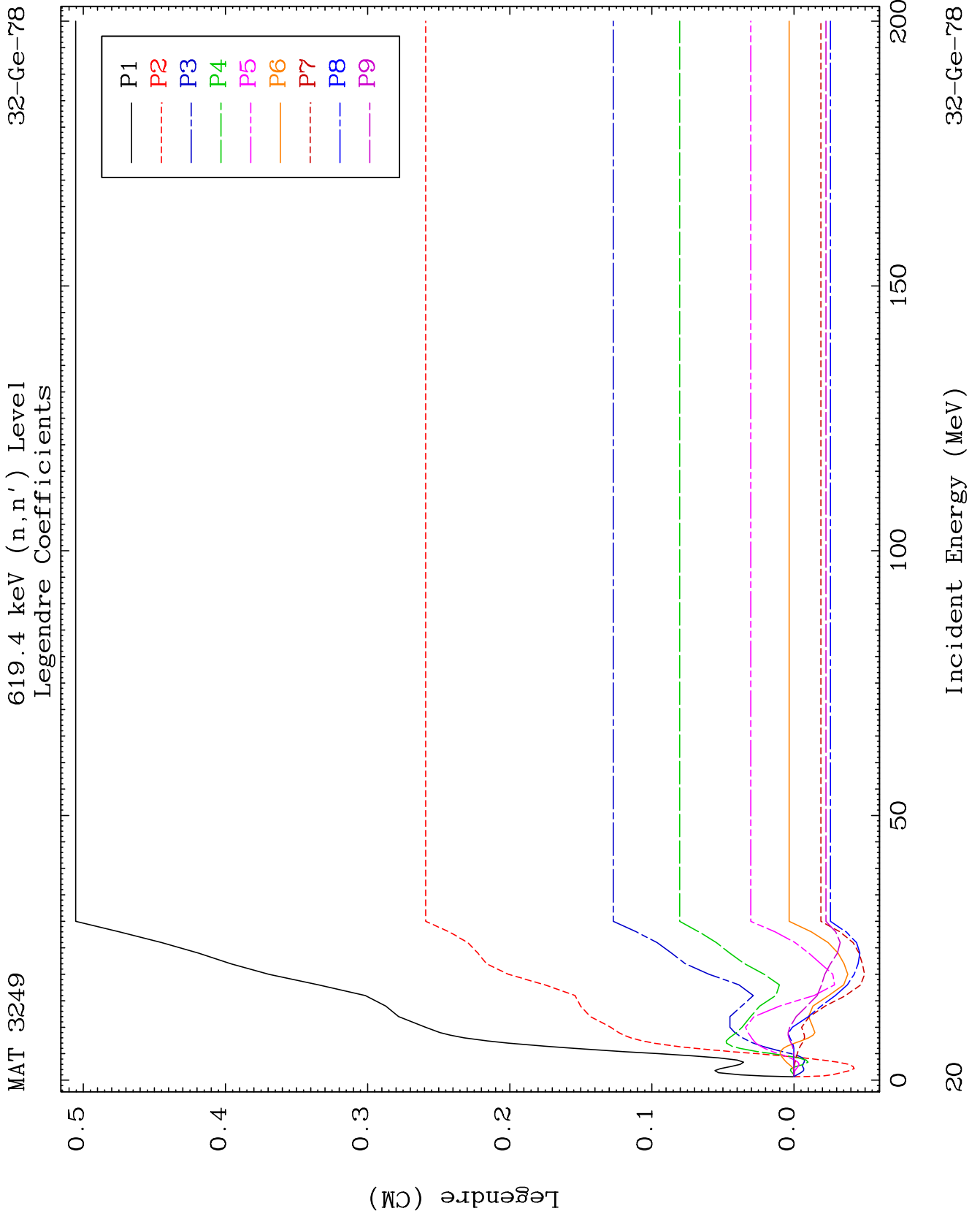
20

15

19

Incident Energy (MeV)

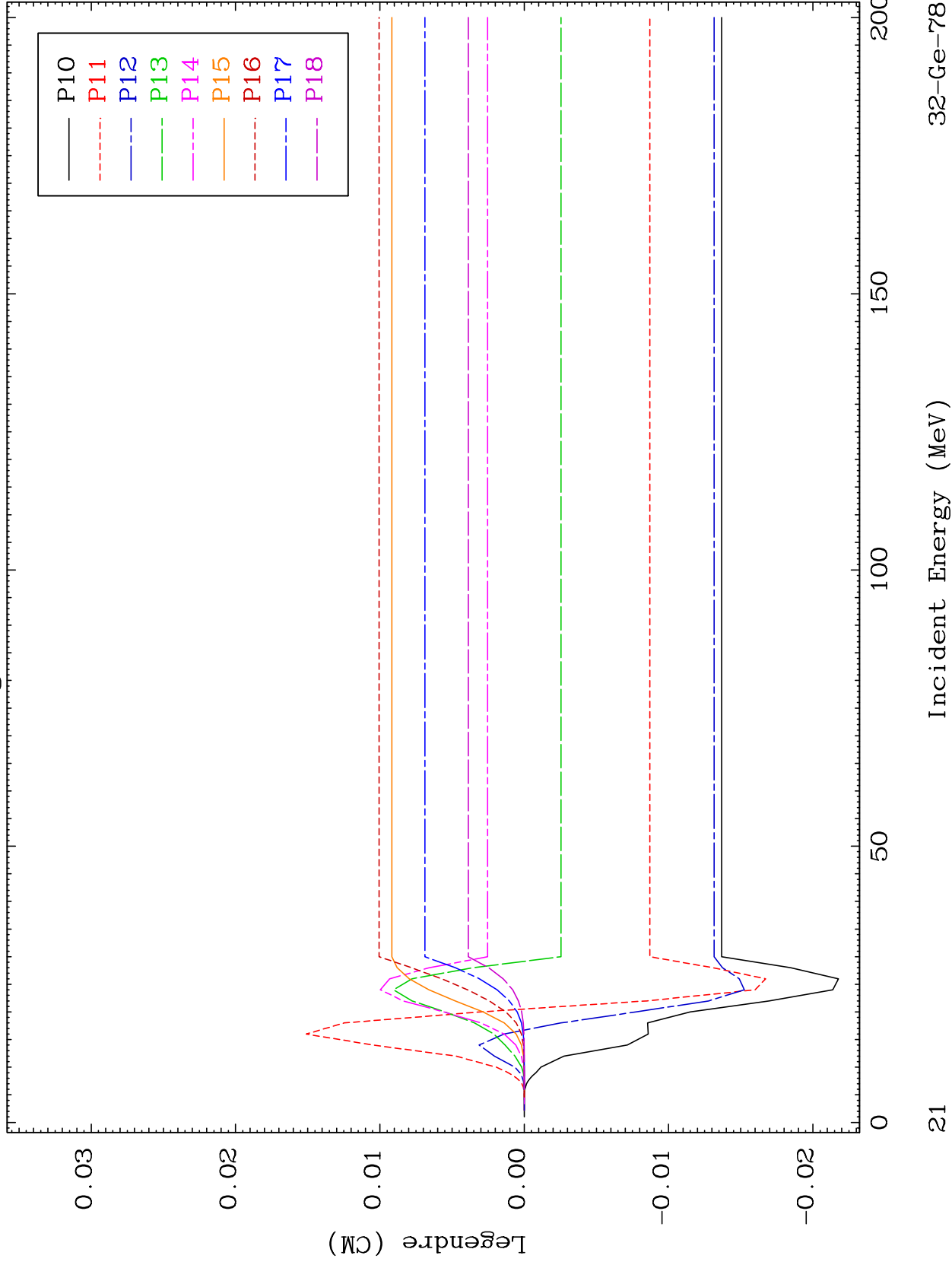
32-Ge-78



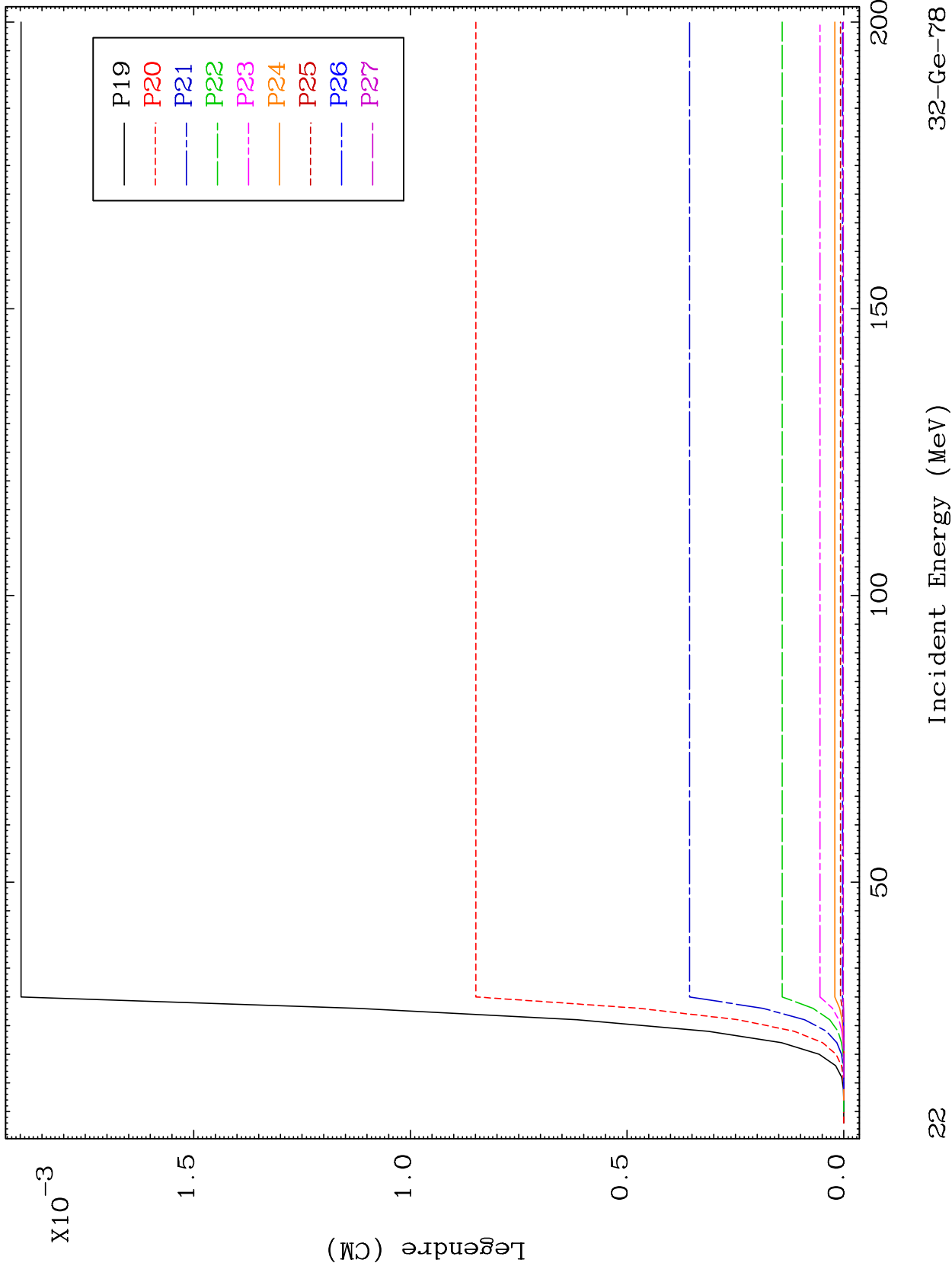
MAT 3249

619.4 keV (n,n') Level  
Legendre Coefficients

32-Ge-78



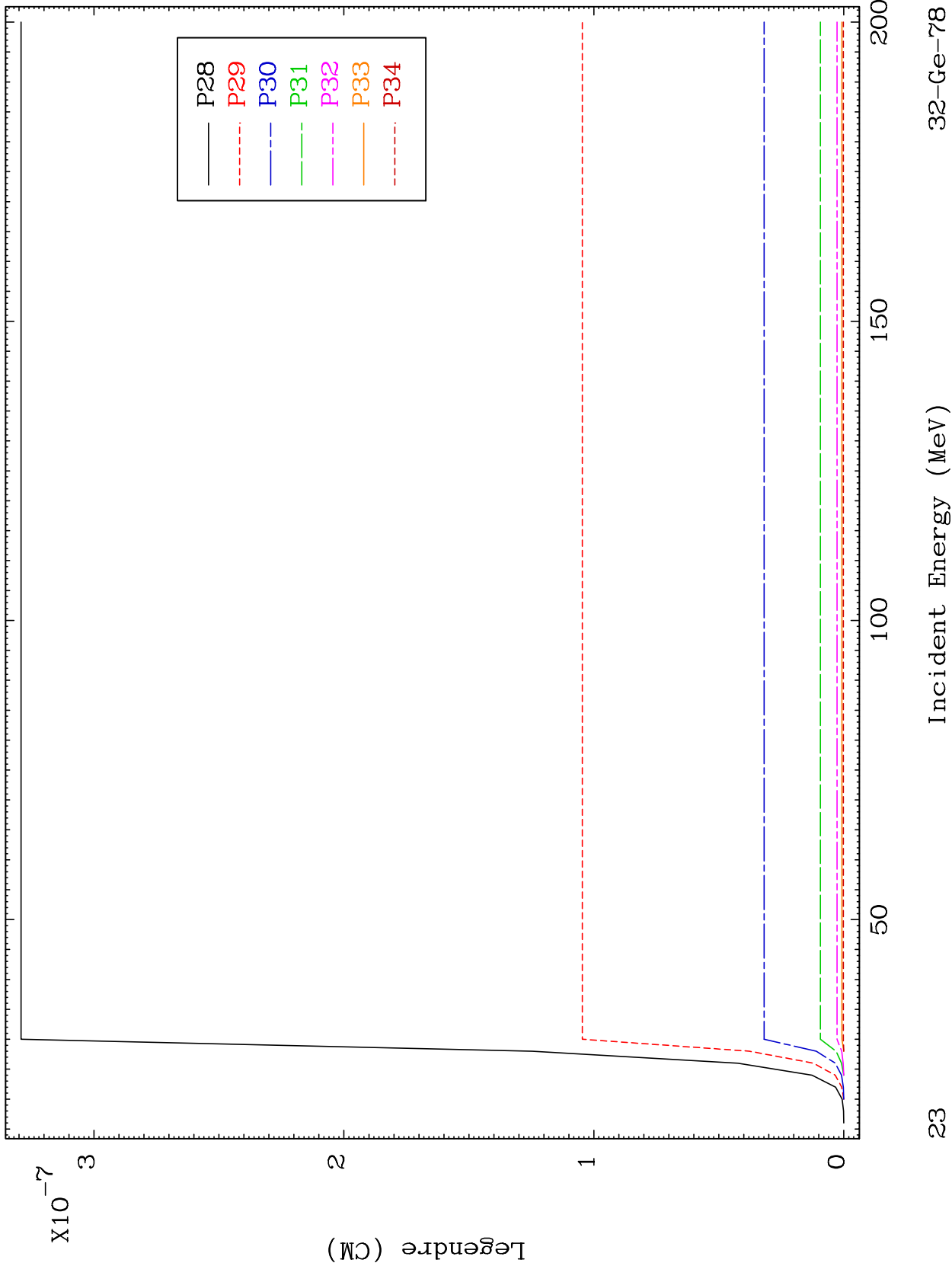
21



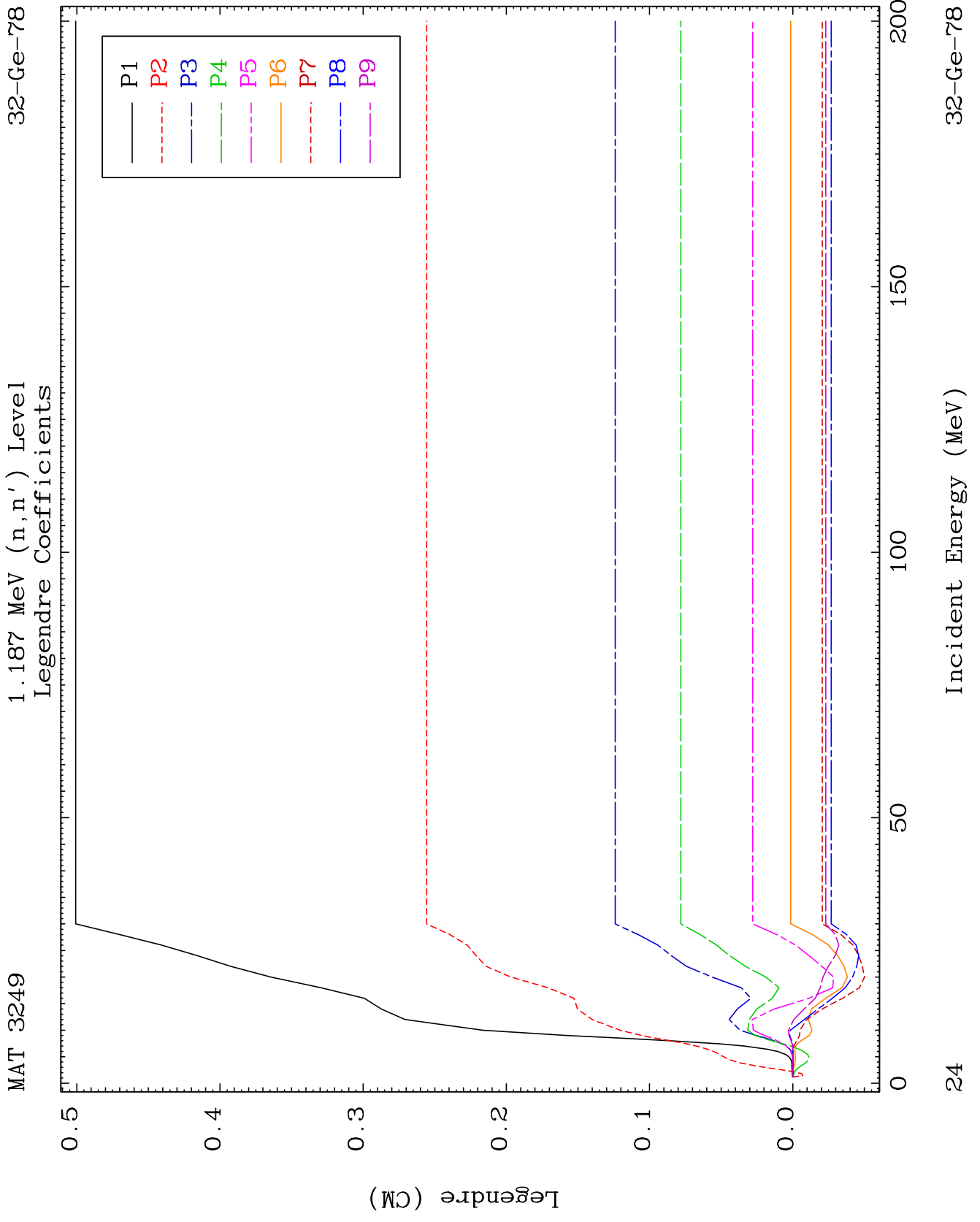
MAT 3249

619.4 keV (n,n') Level  
Legendre Coefficients

32-Ge-78



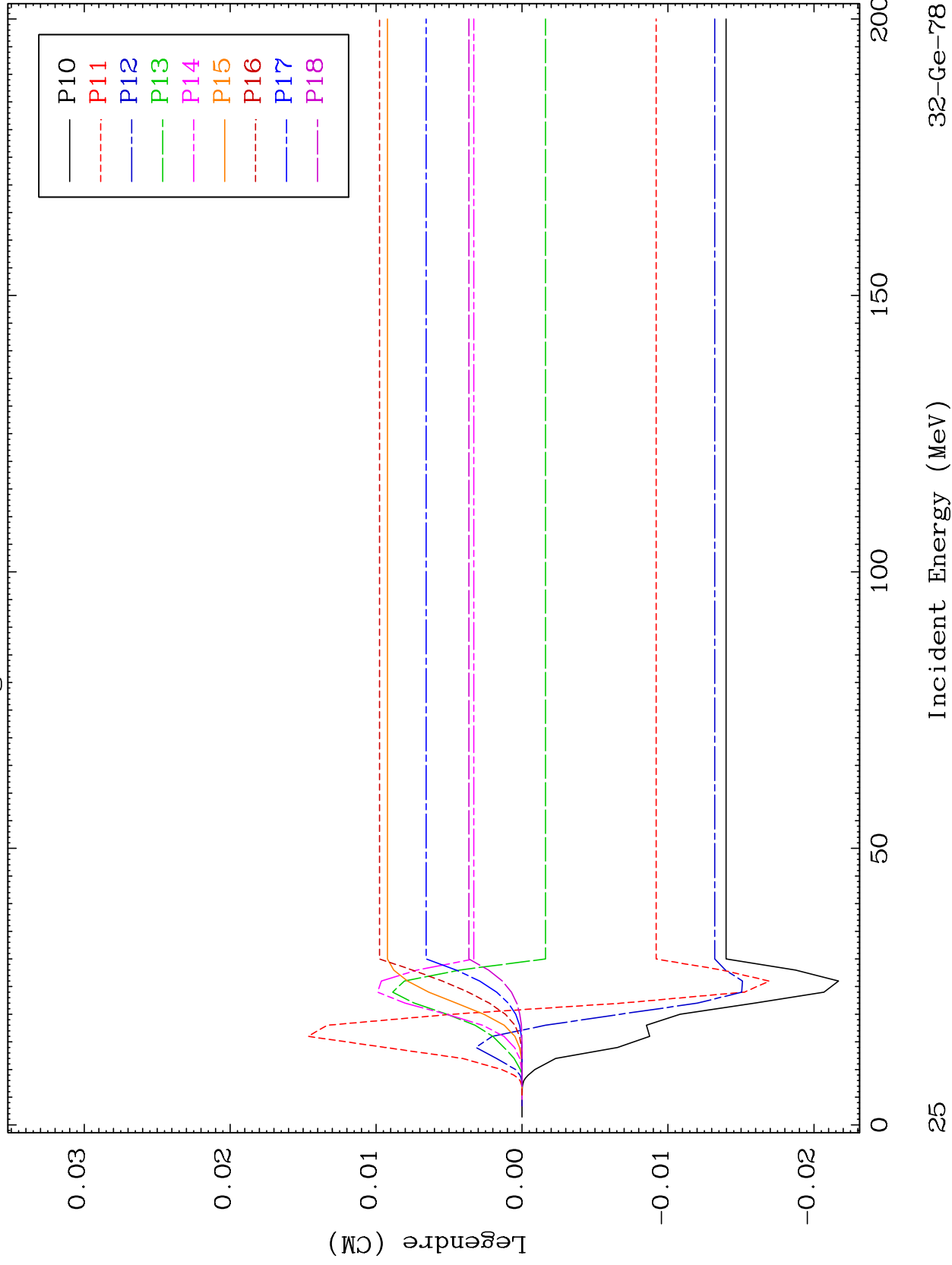




MAT 3249

1.187 MeV (n,n') Level  
Legendre Coefficients

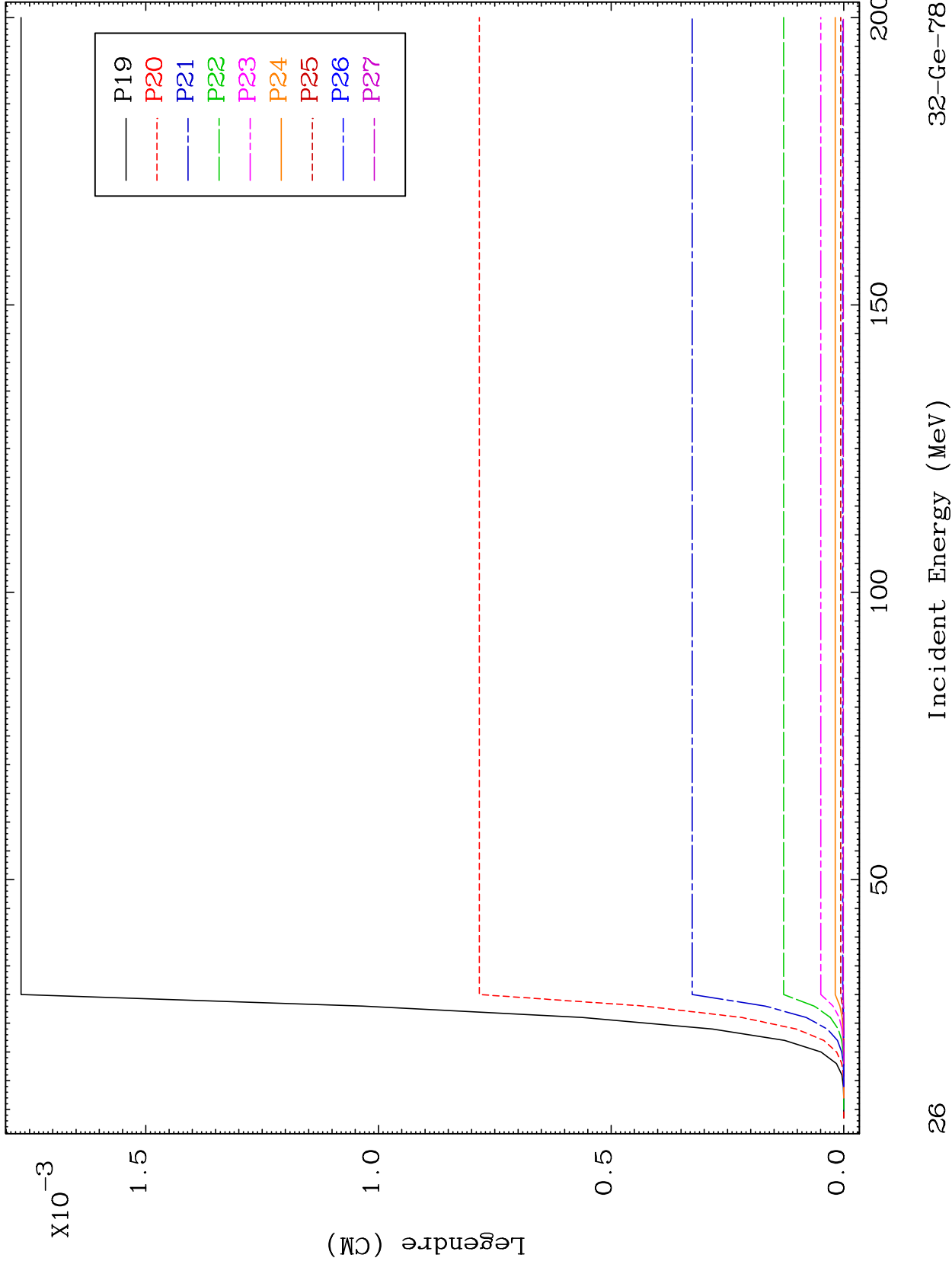
32-Ge-78



32-Ge-78

Incident Energy (MeV)

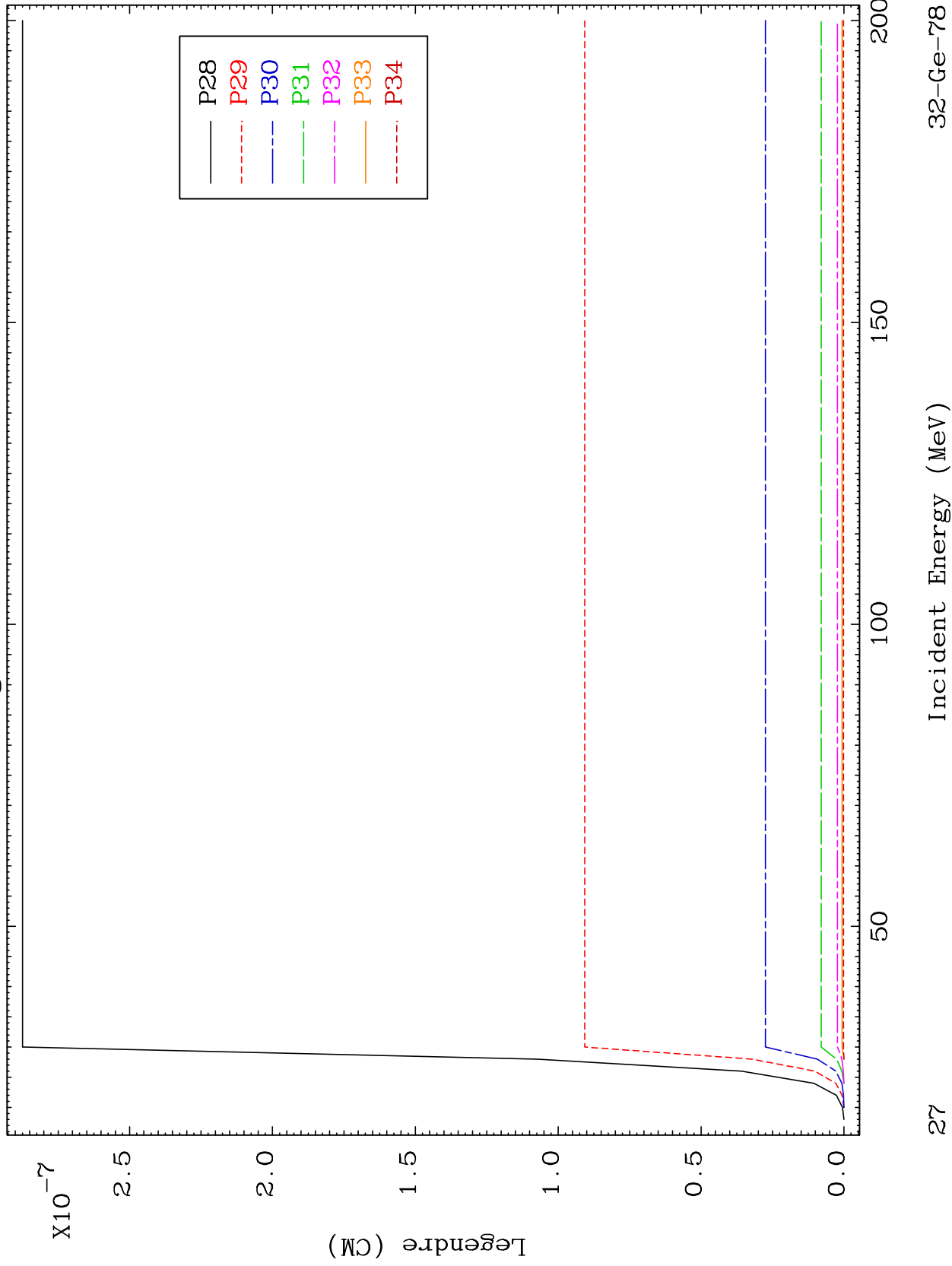
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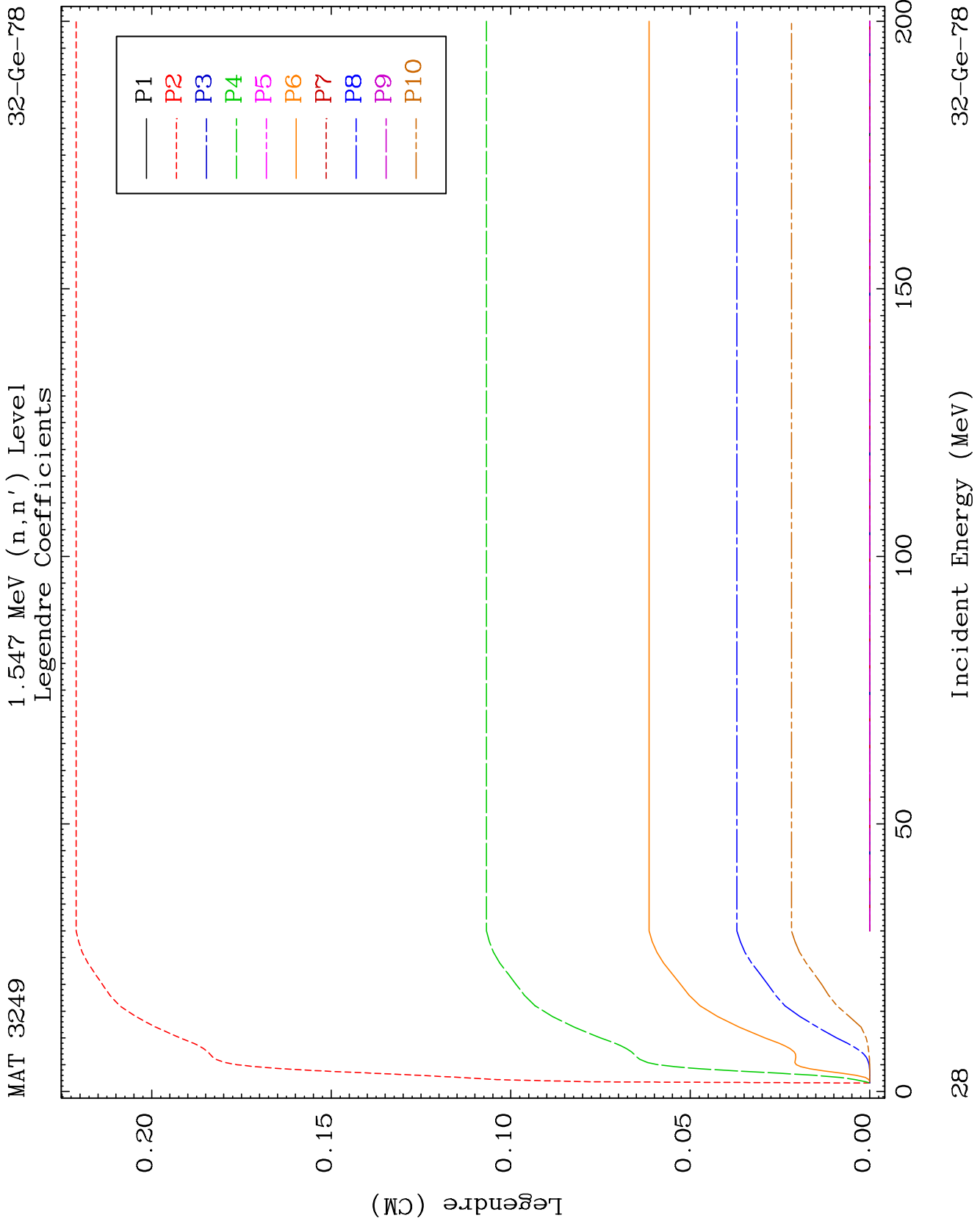


MAT 3249

1.187 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78

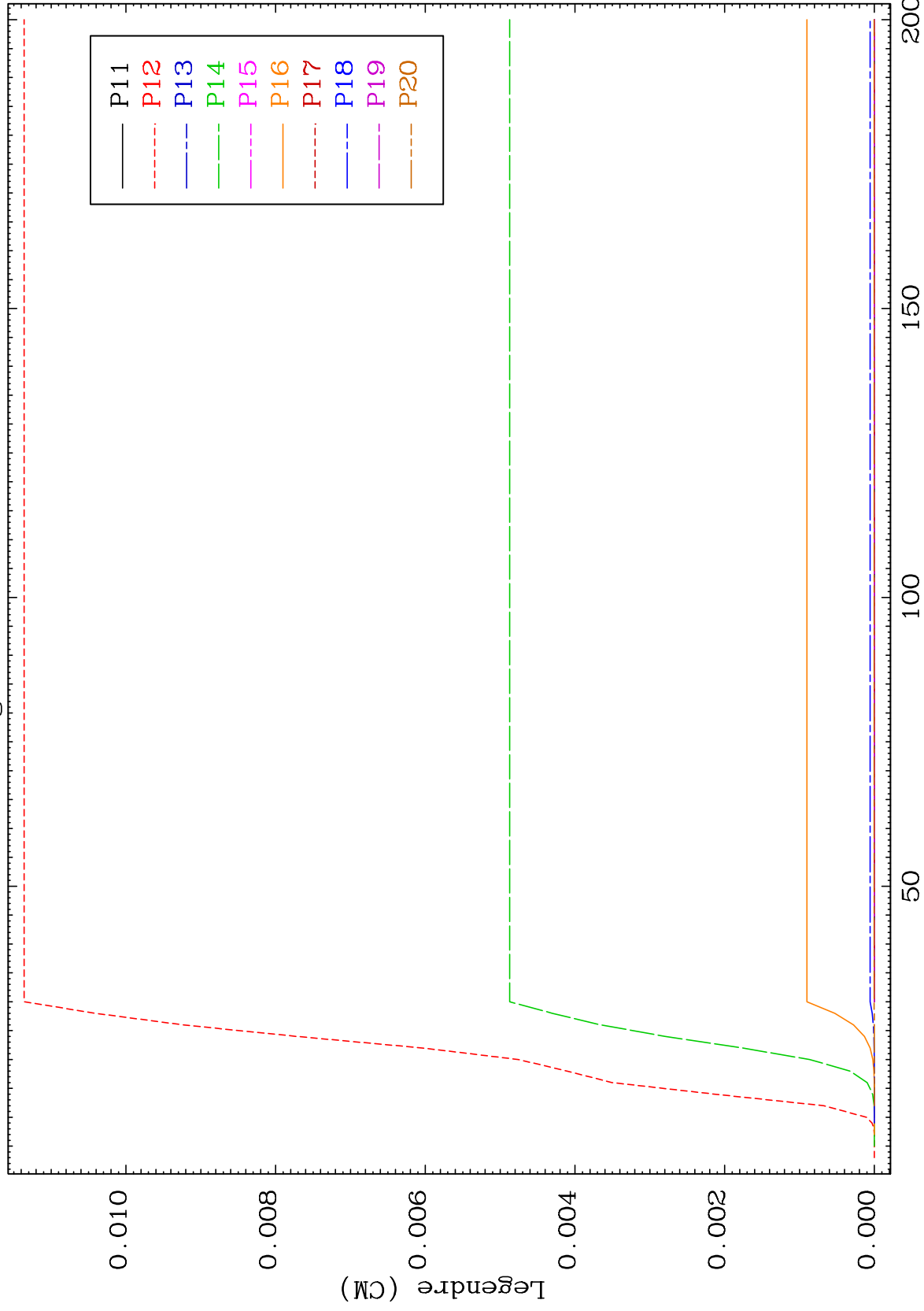




MAT 3249

1.547 MeV (n, n') Level  
Legendre Coefficients

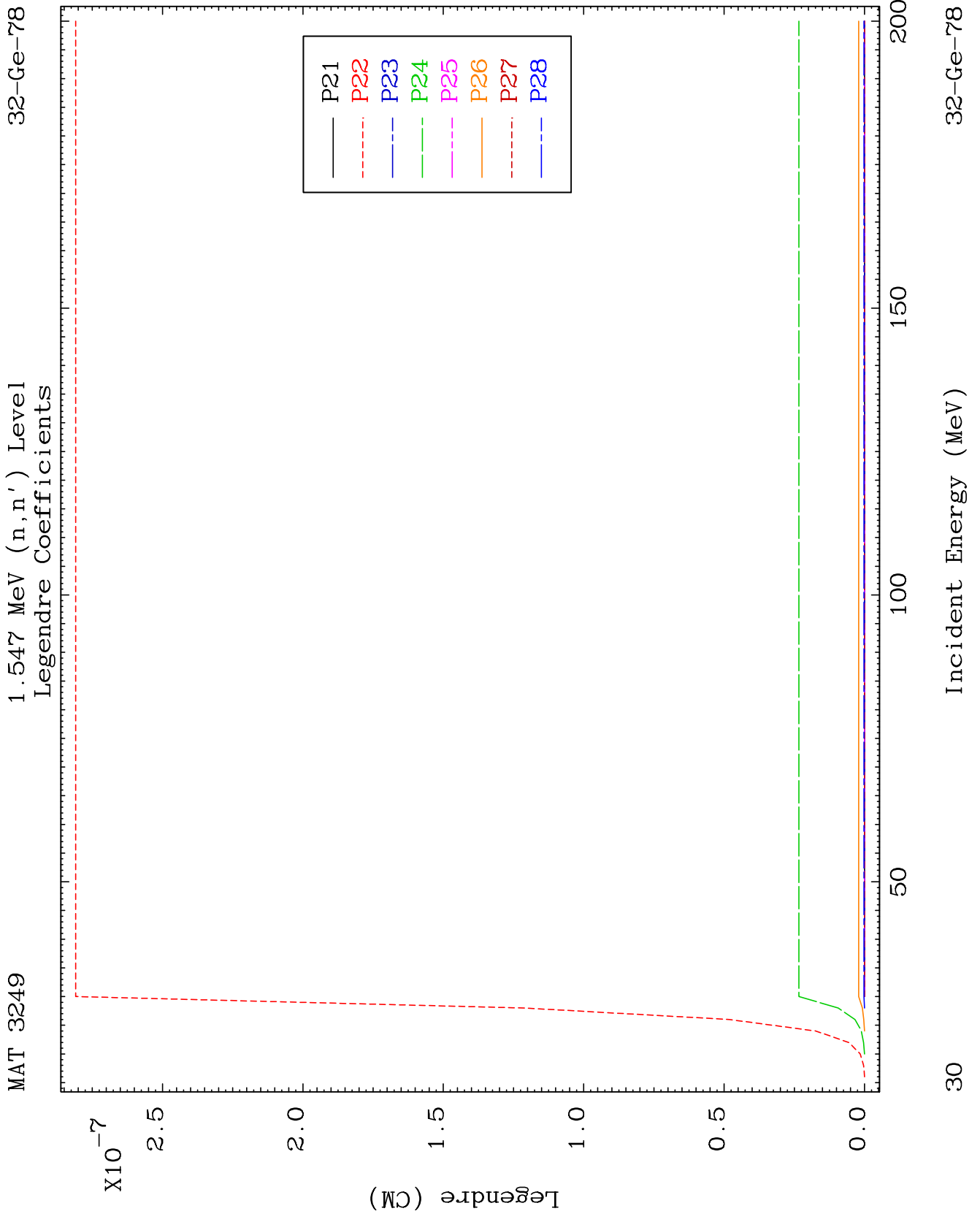
32-Ge-78



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Incident Energy (MeV)

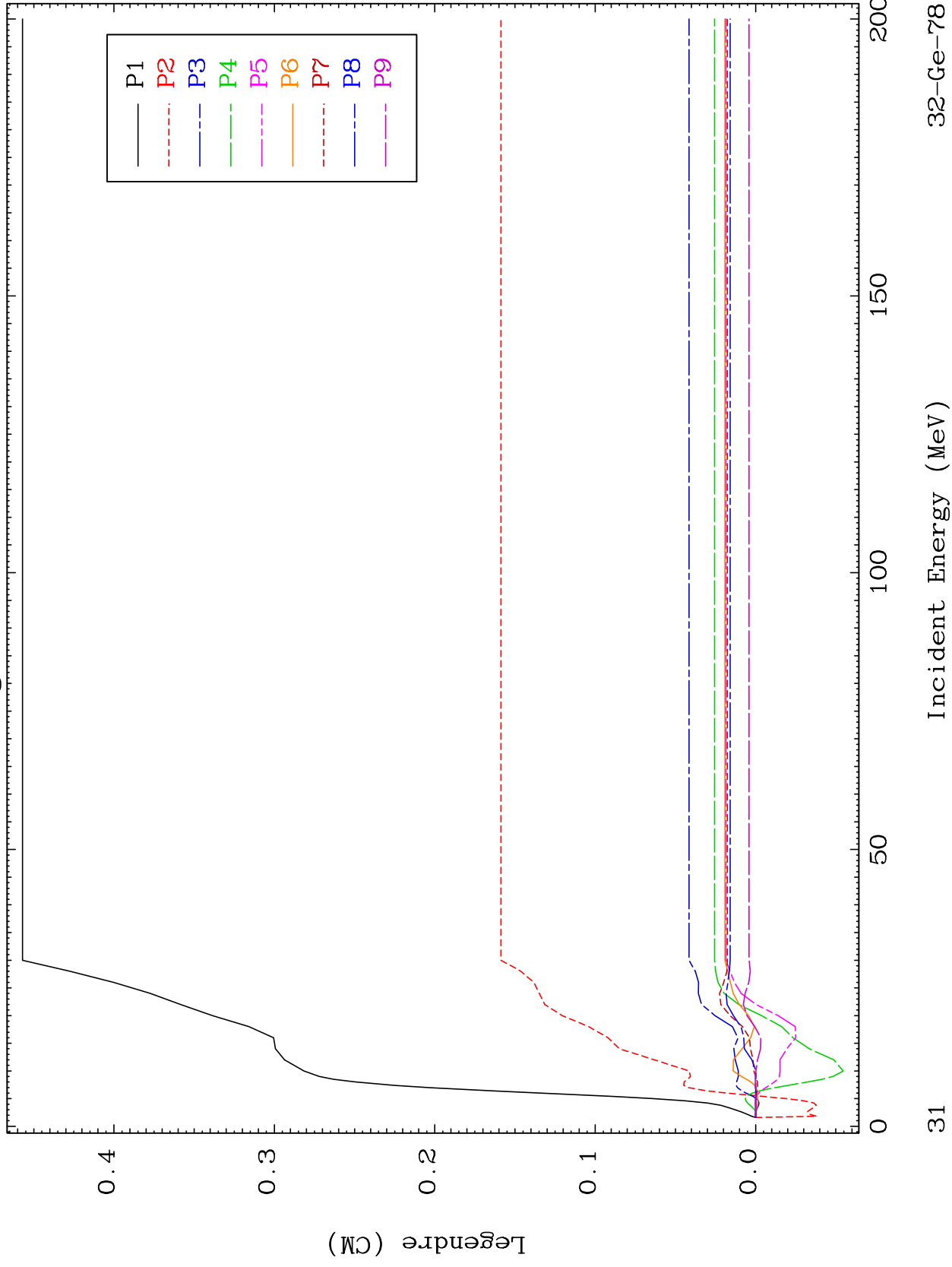
32-Ge-78



MAT 3249

1.570 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



32-Ge-78

Incident Energy (MeV)

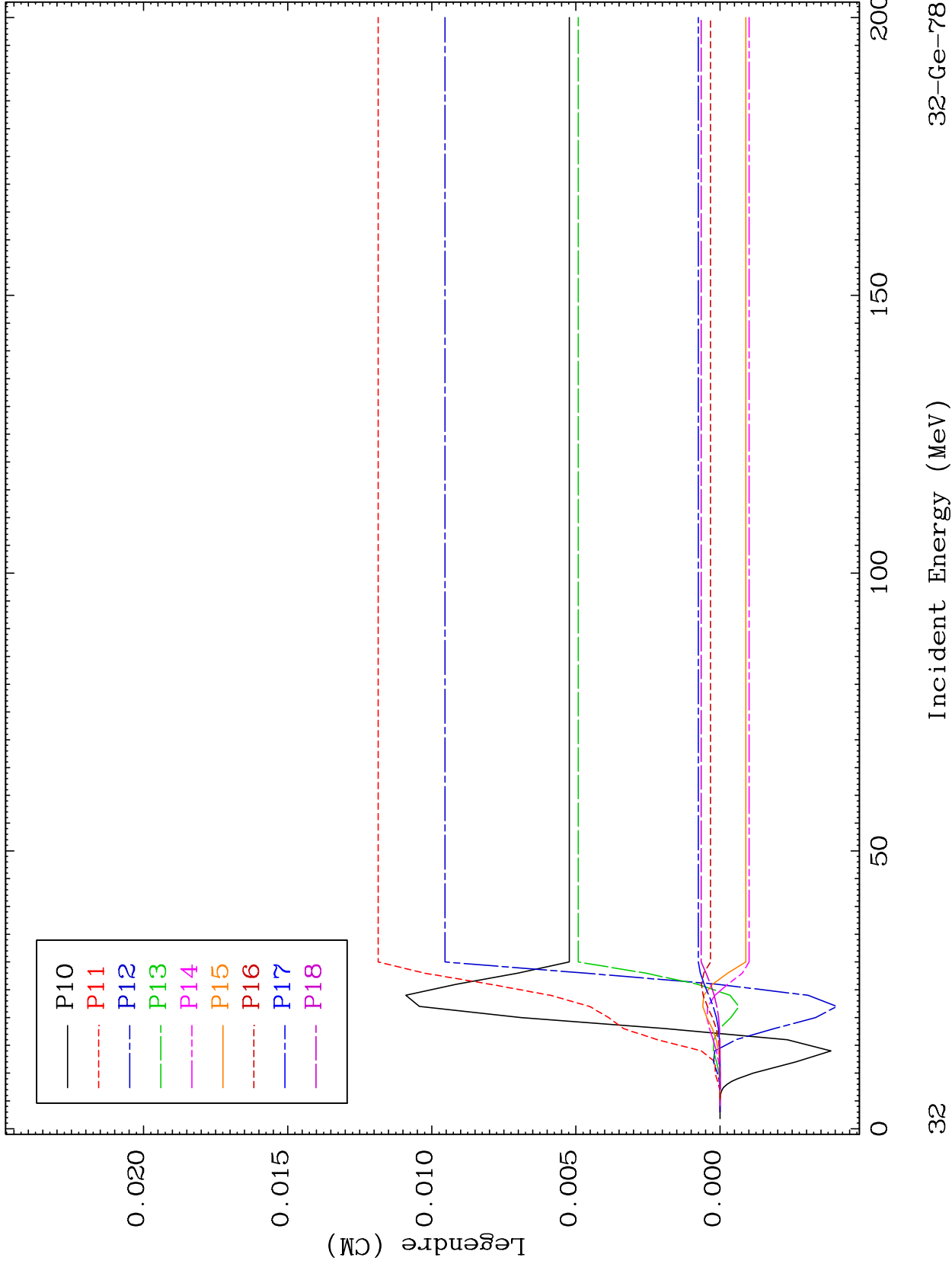
31



MAT 3249

1.570 MeV (n,n') Level  
Legendre Coefficients

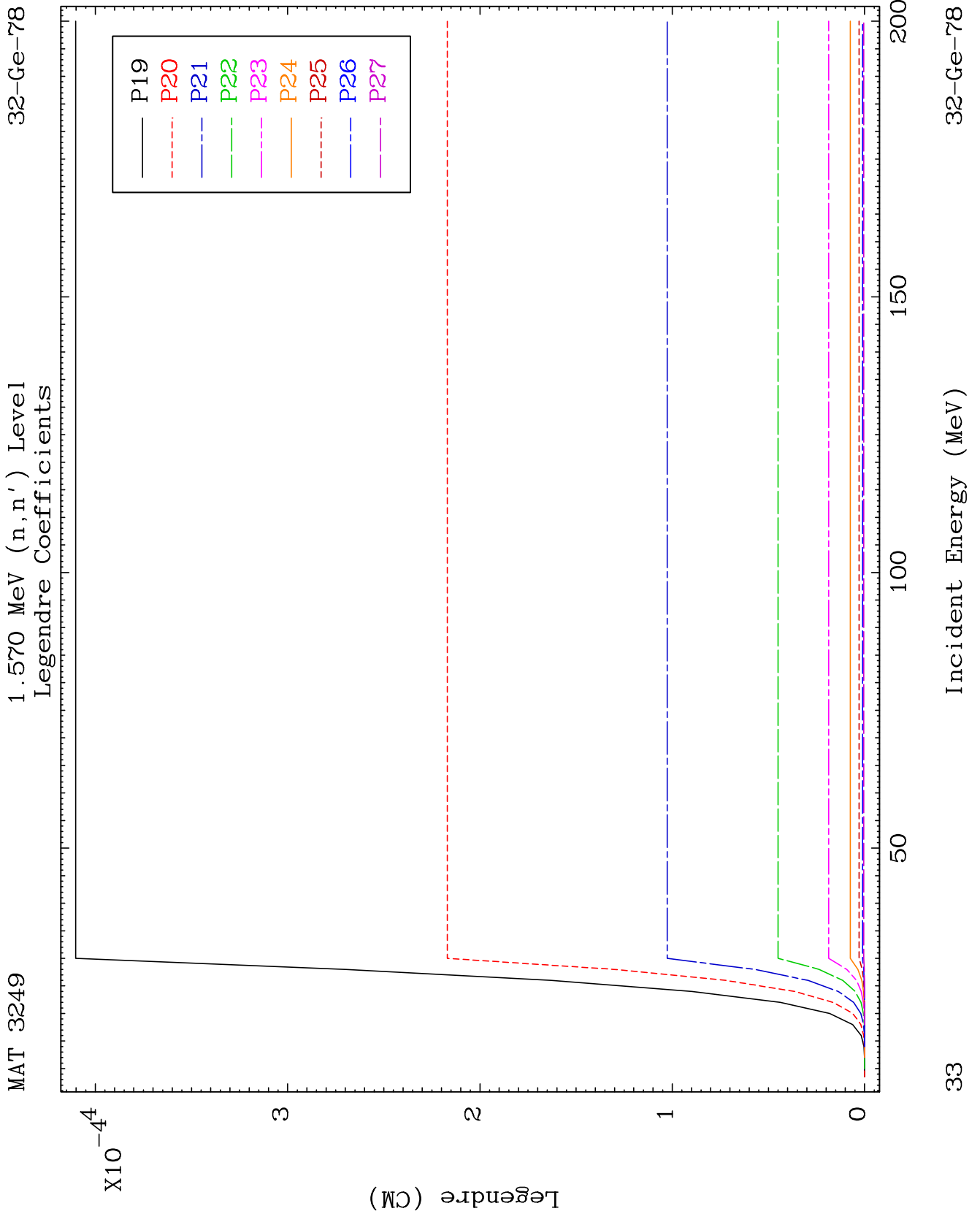
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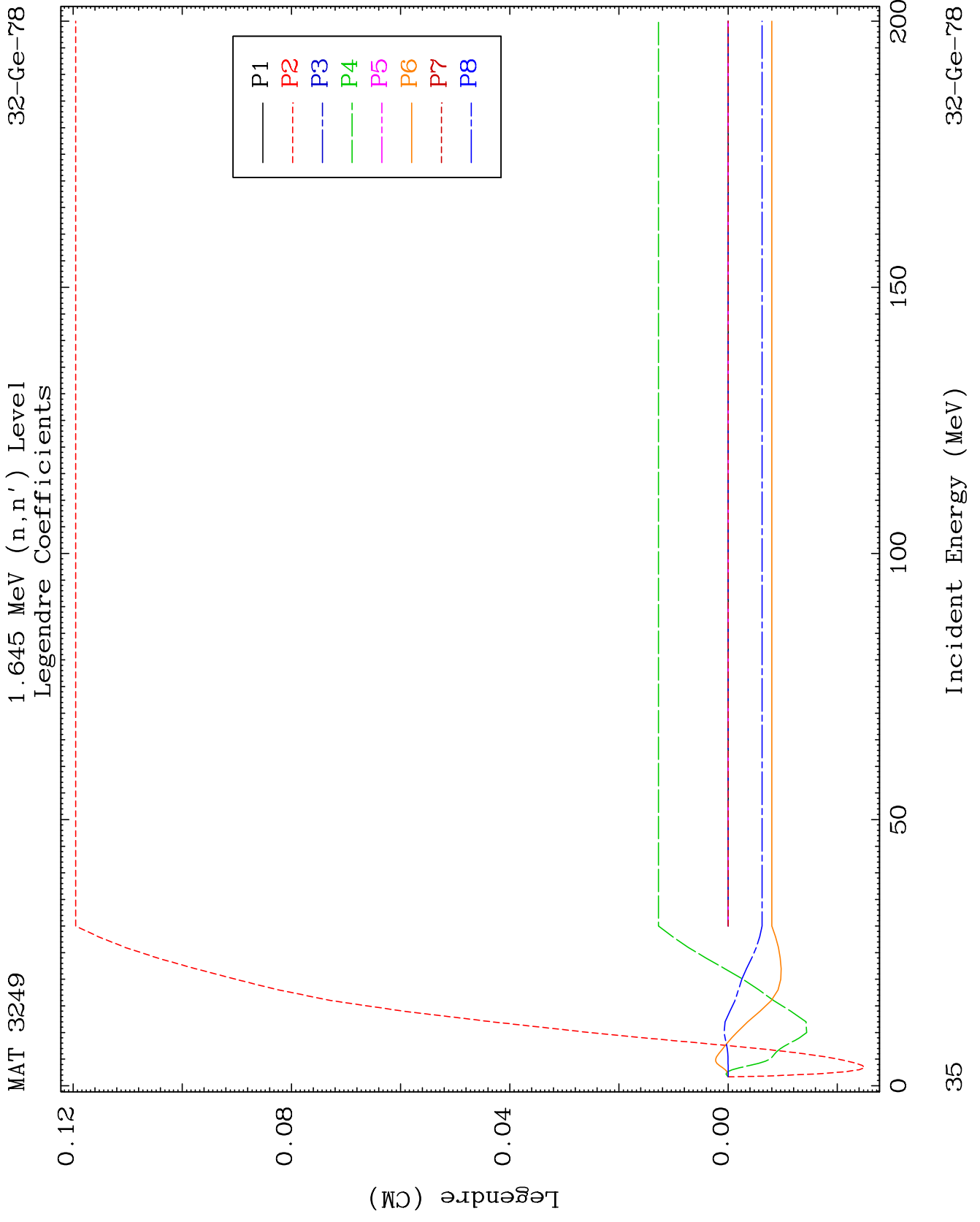
32

Incident Energy (MeV)

32-Ge-78



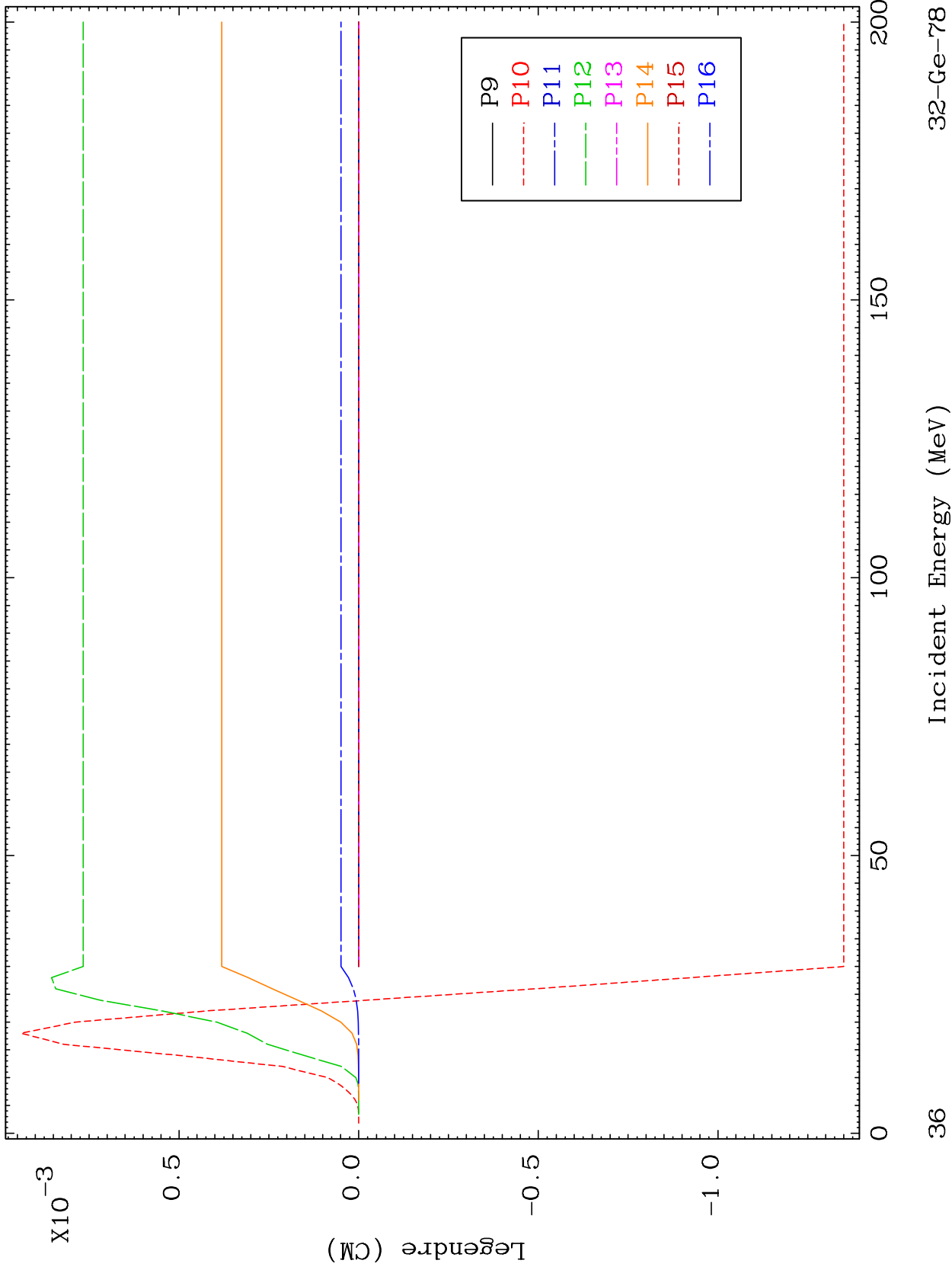




MAT 3249

1.645 MeV (n, n') Level  
Legendre Coefficients

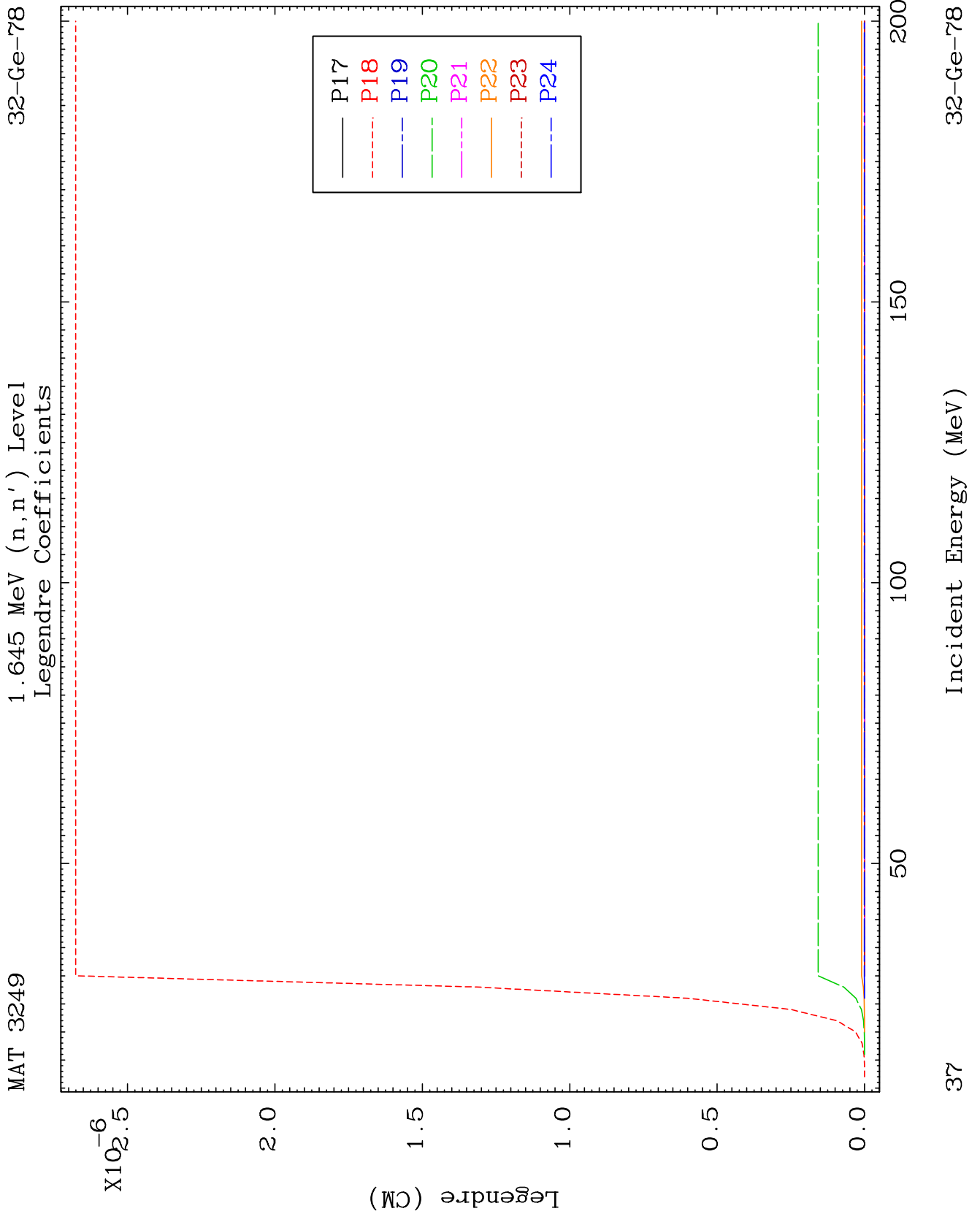
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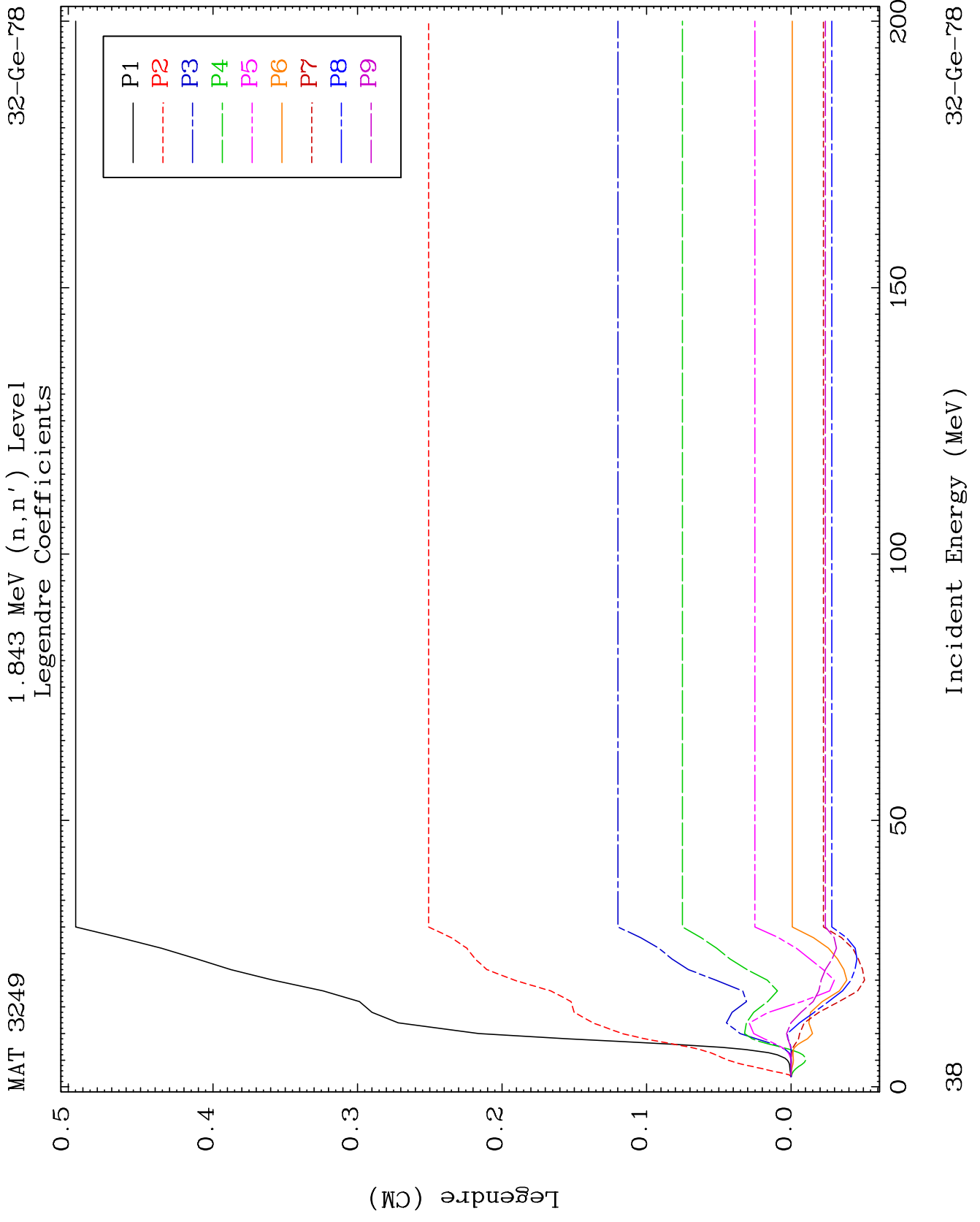


32-Ge-78

Incident Energy (MeV)

36

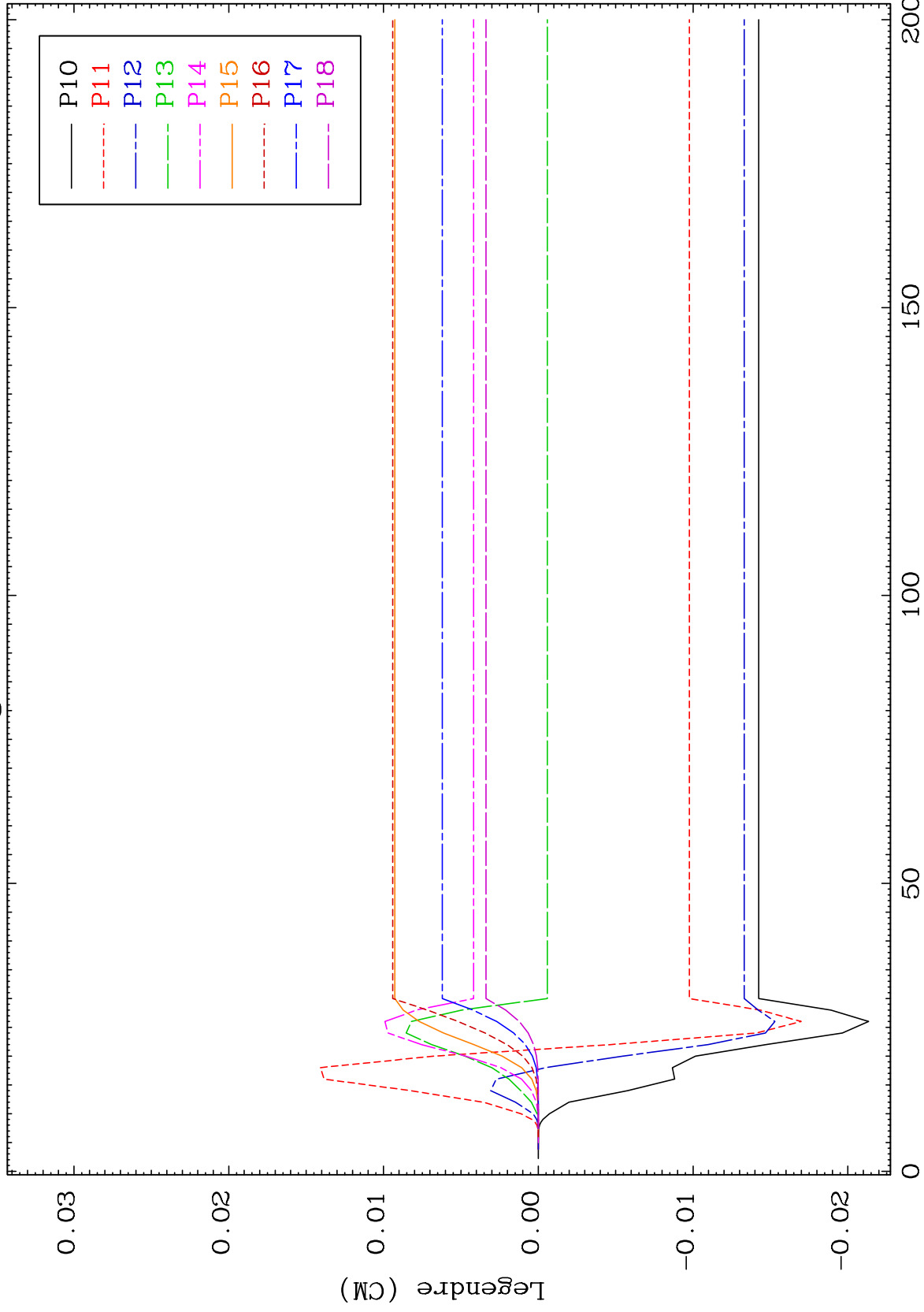




MAT 3249

1.843 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



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Incident Energy (MeV)

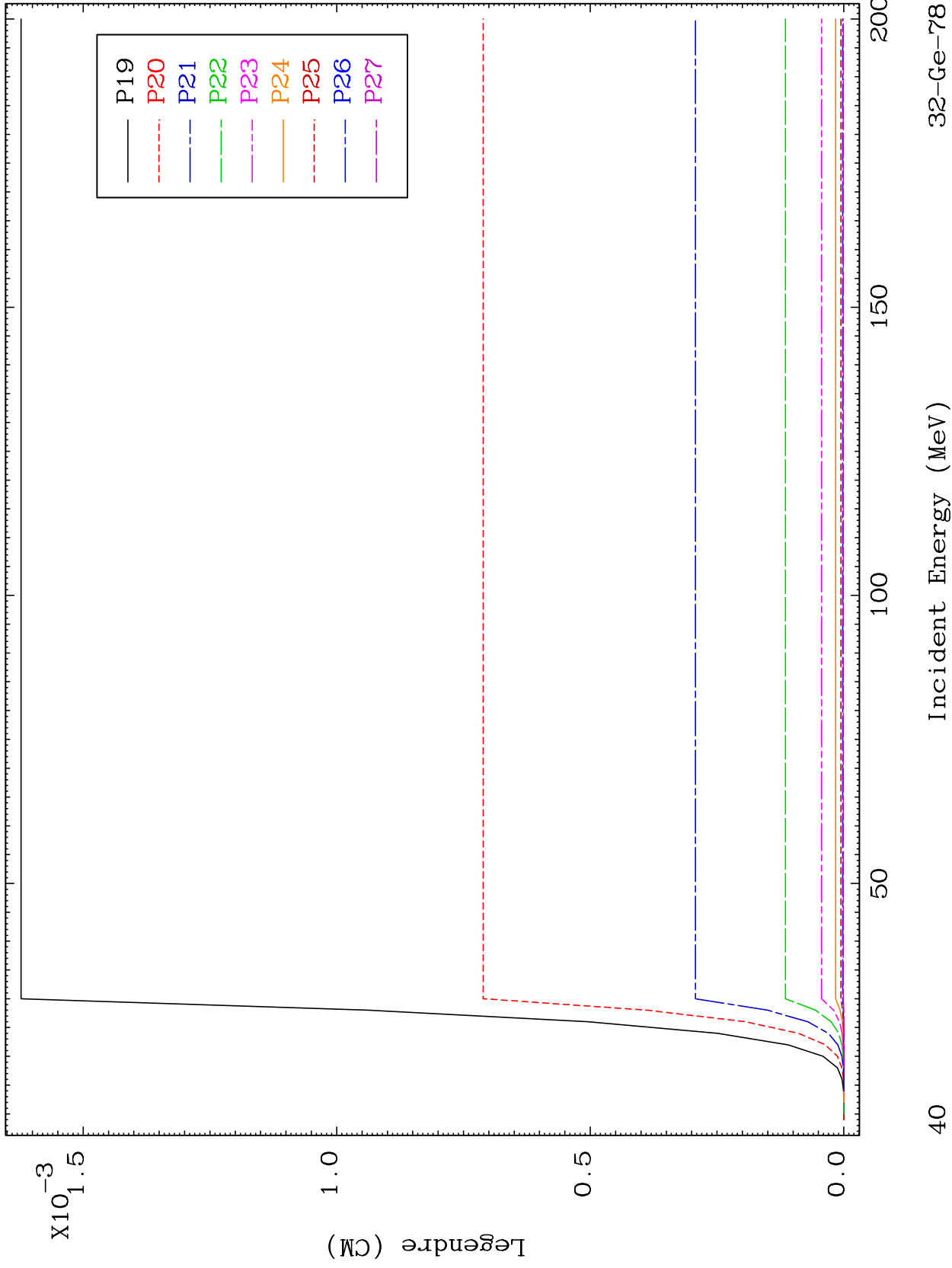
32-Ge-78



MAT 3249

1.843 MeV (n,n') Level  
Legendre Coefficients

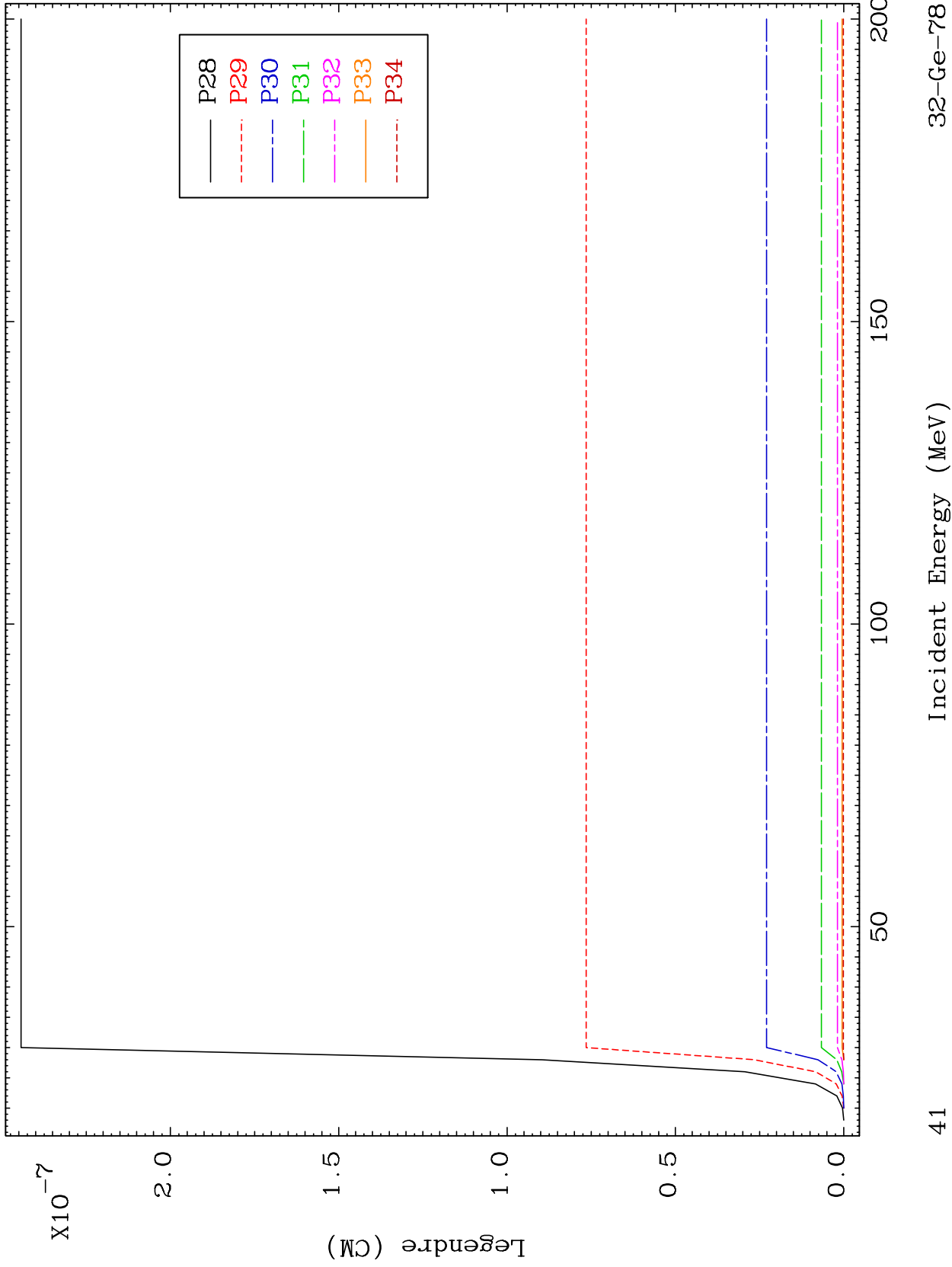
32-Ge-78



MAT 3249

1.843 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78

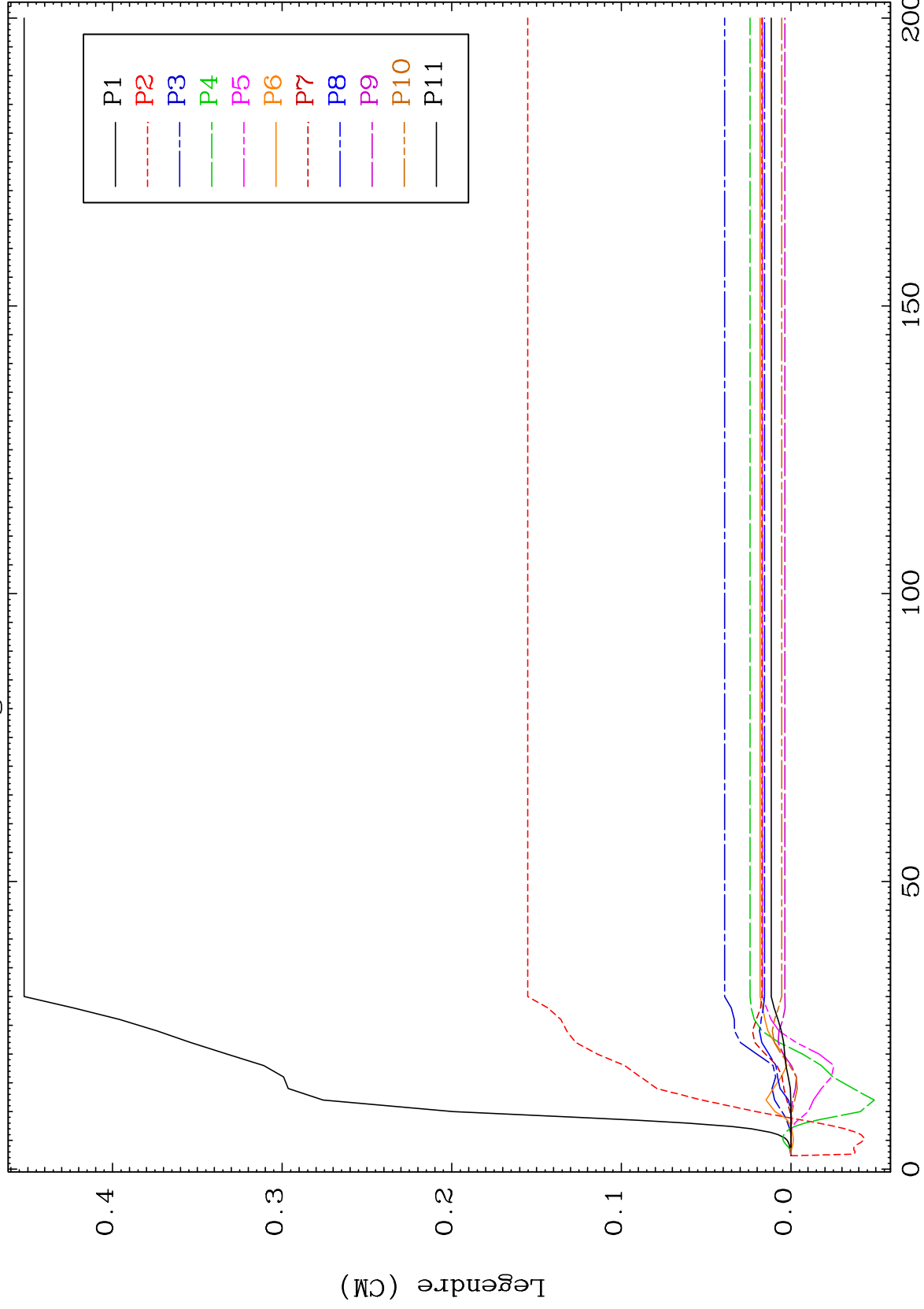


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MAT 3249

2.292 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



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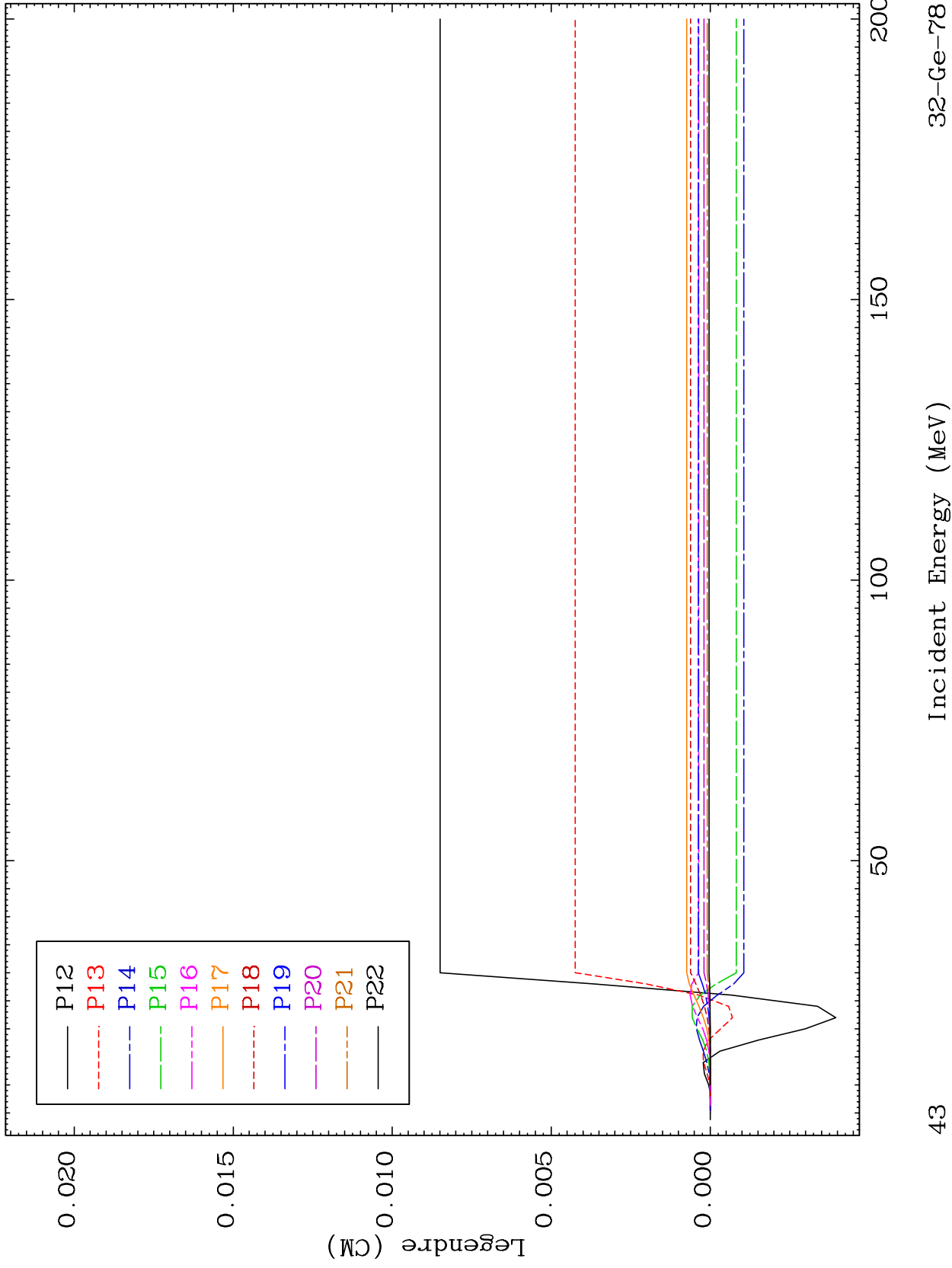
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.292 MeV (n, n') Level  
Legendre Coefficients

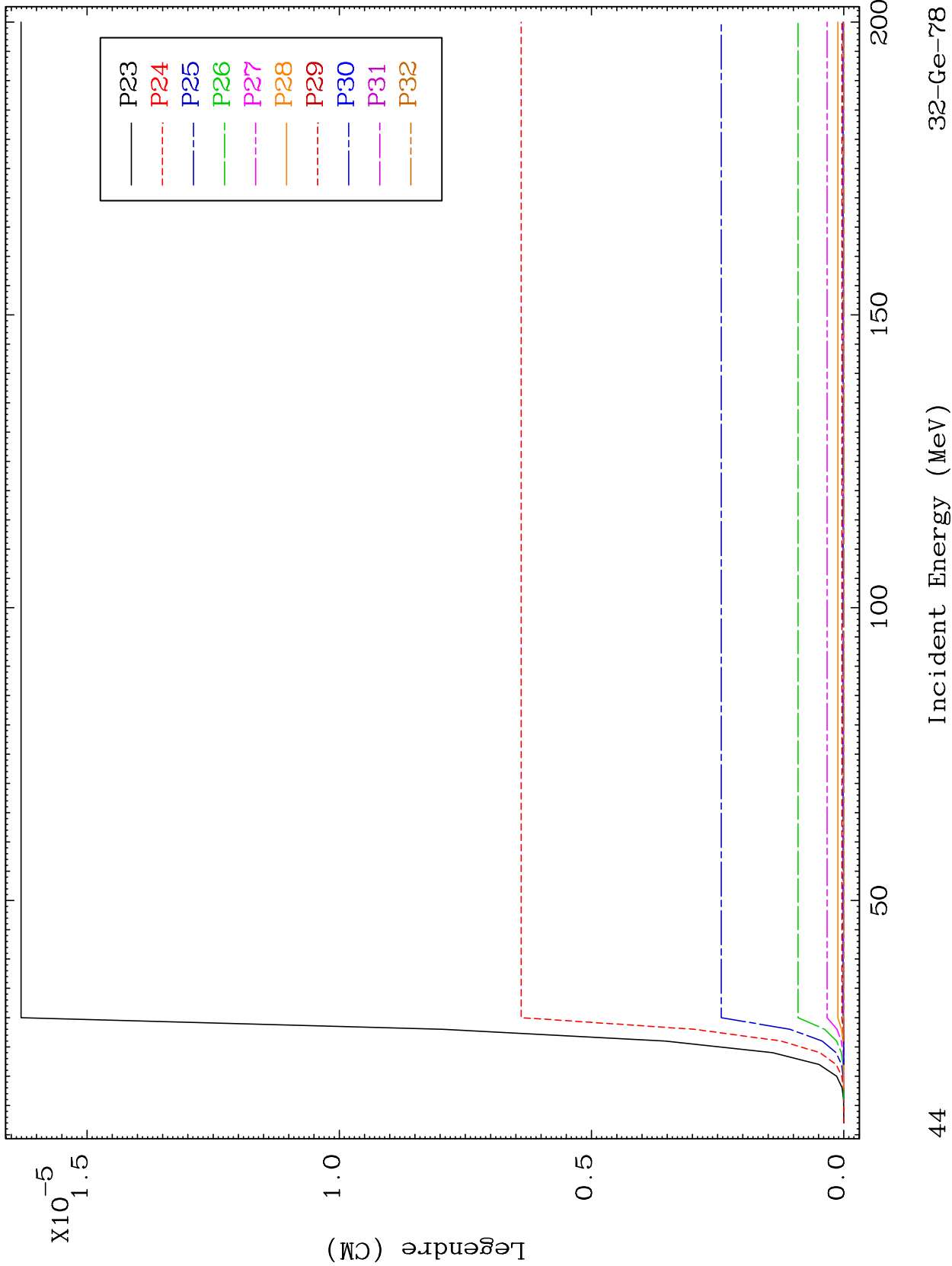
<sup>32</sup>Ge-78



MAT 3249

2.292 MeV (n, n') Level  
Legendre Coefficients

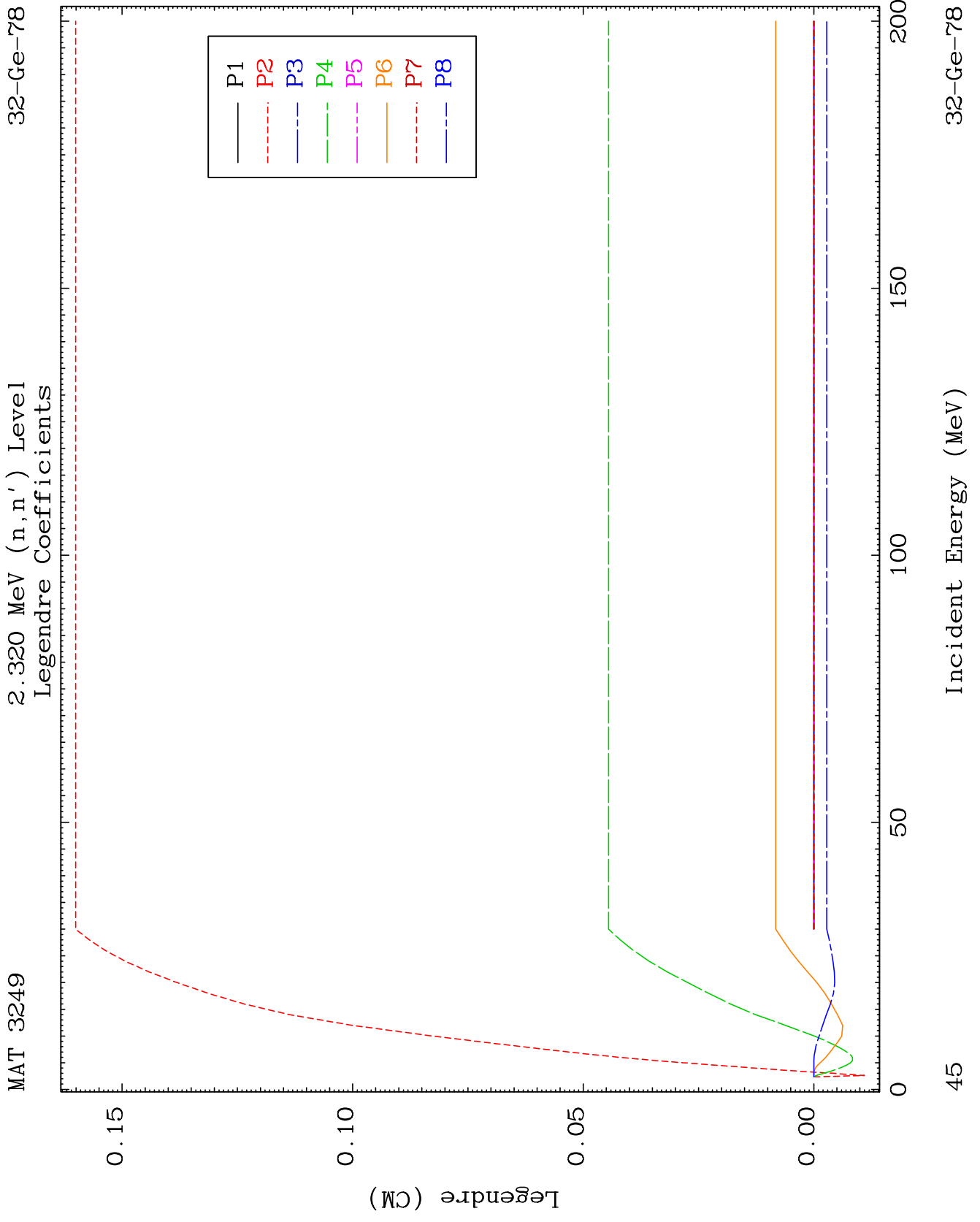
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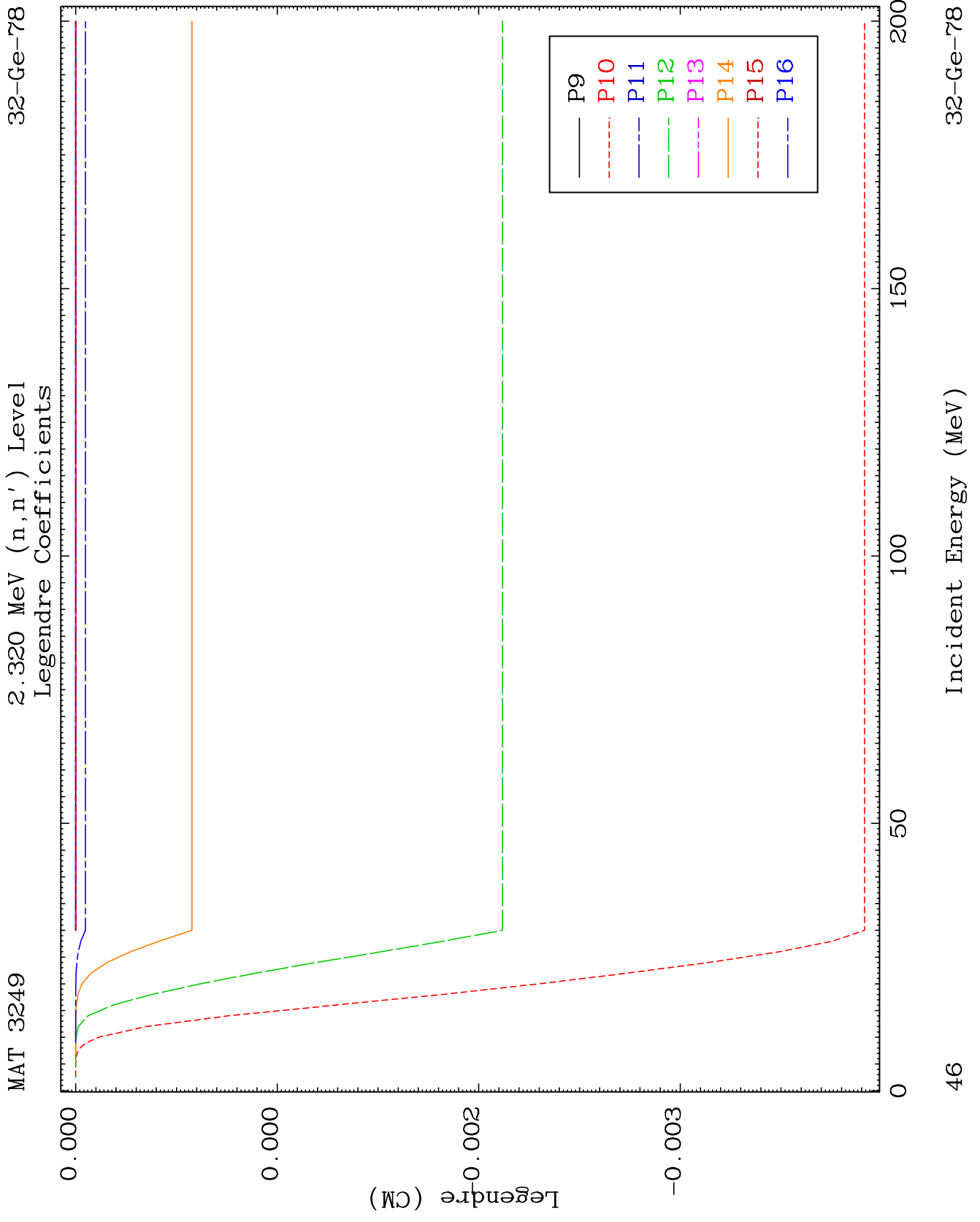


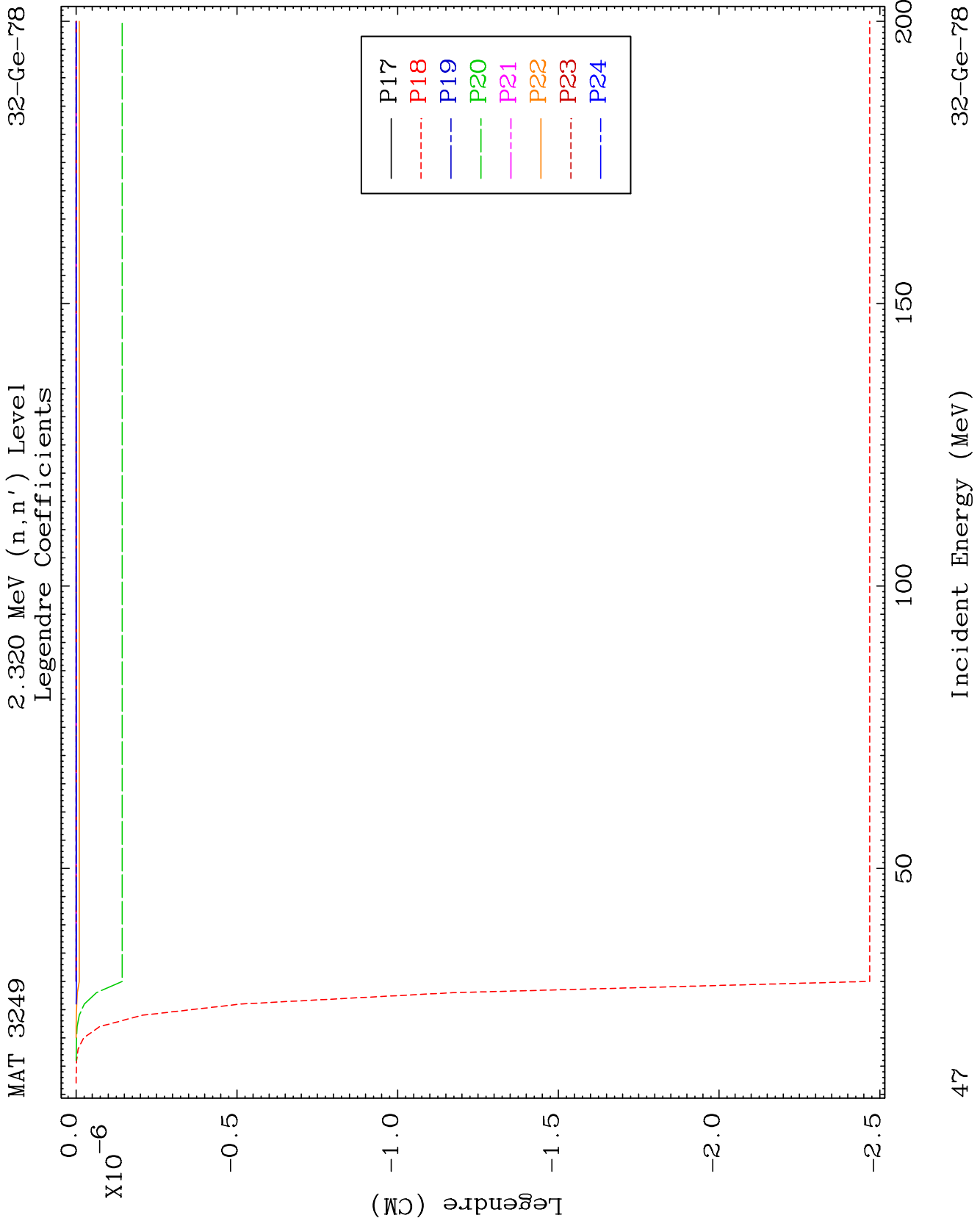
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Incident Energy (MeV)

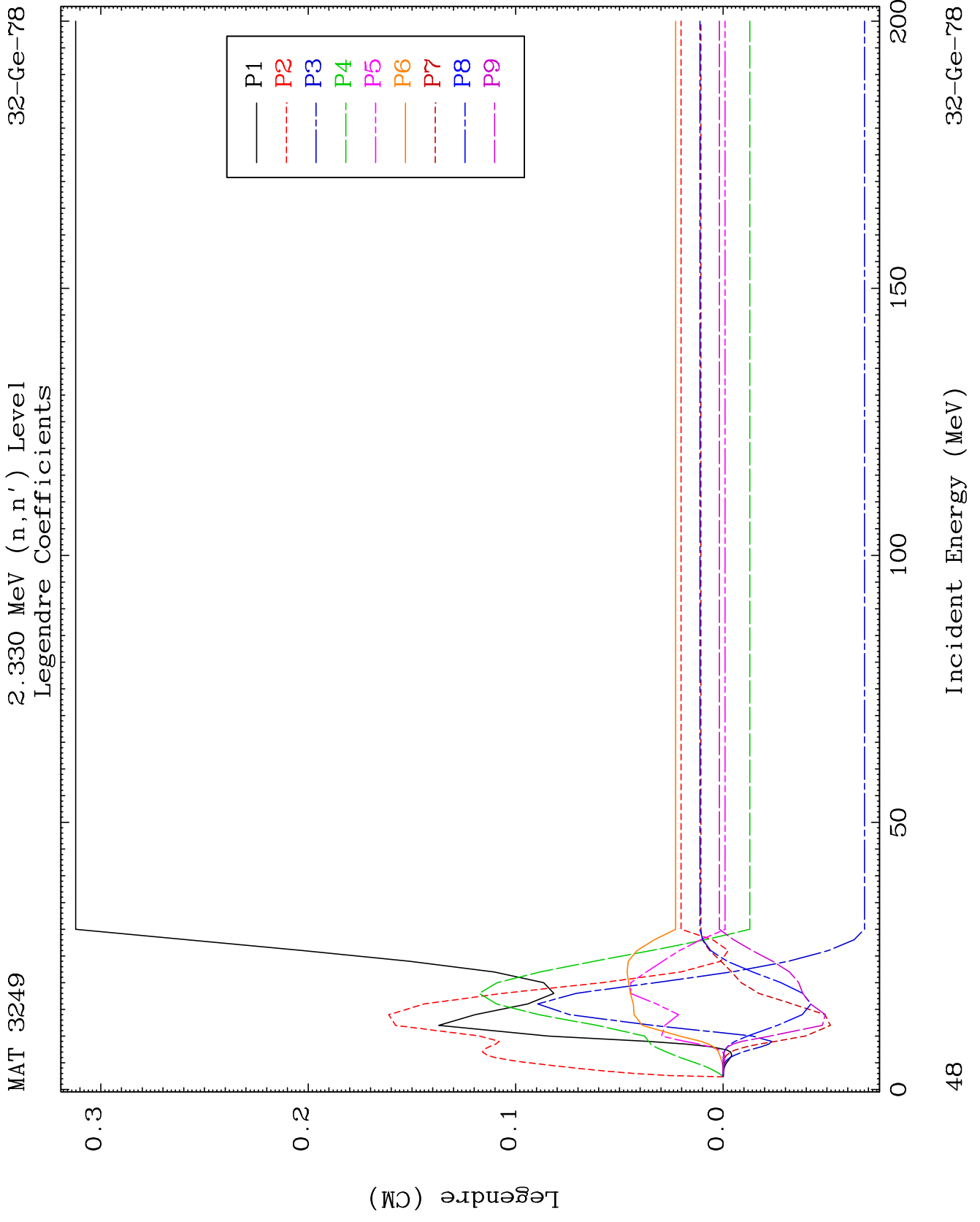
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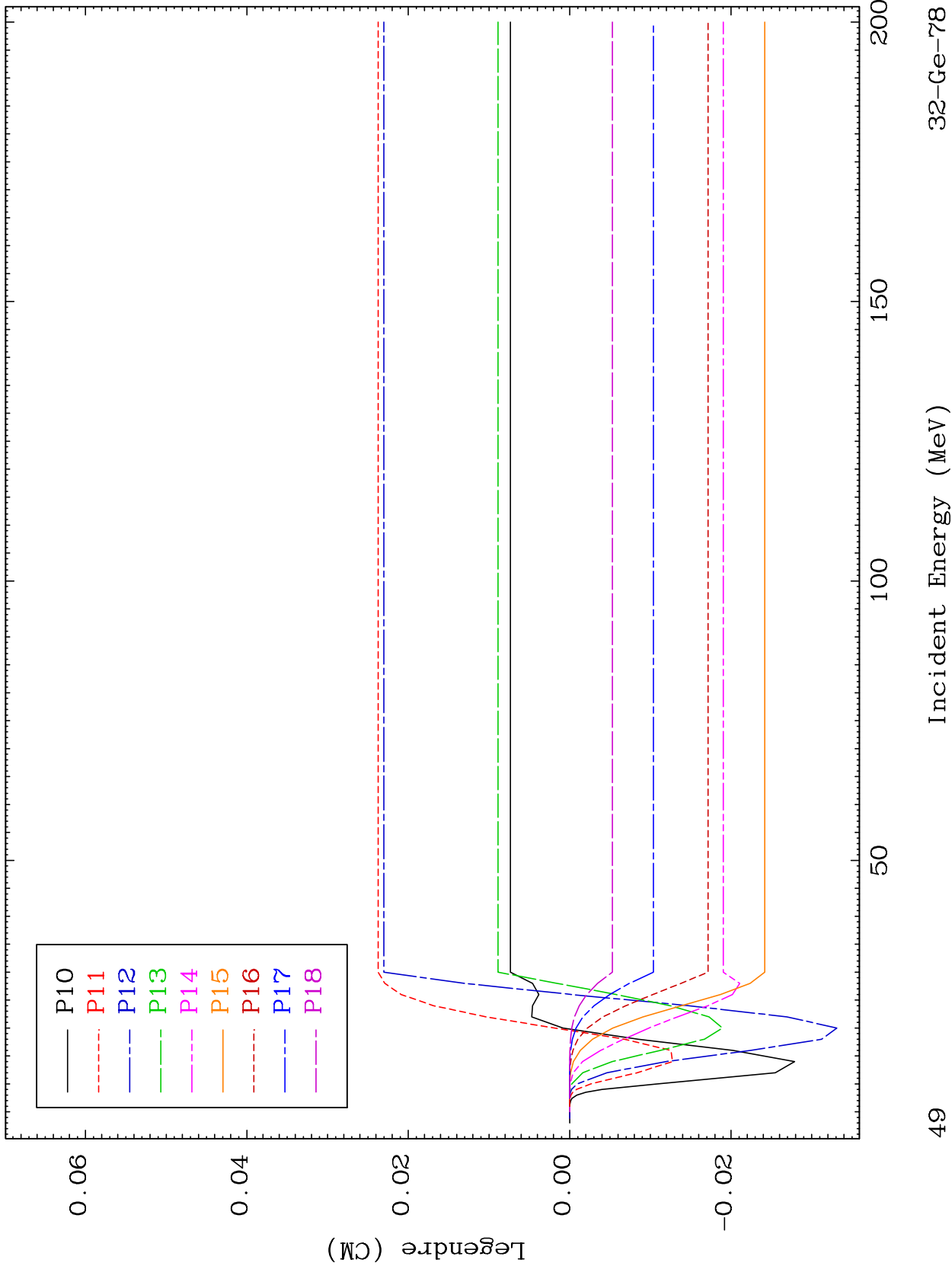


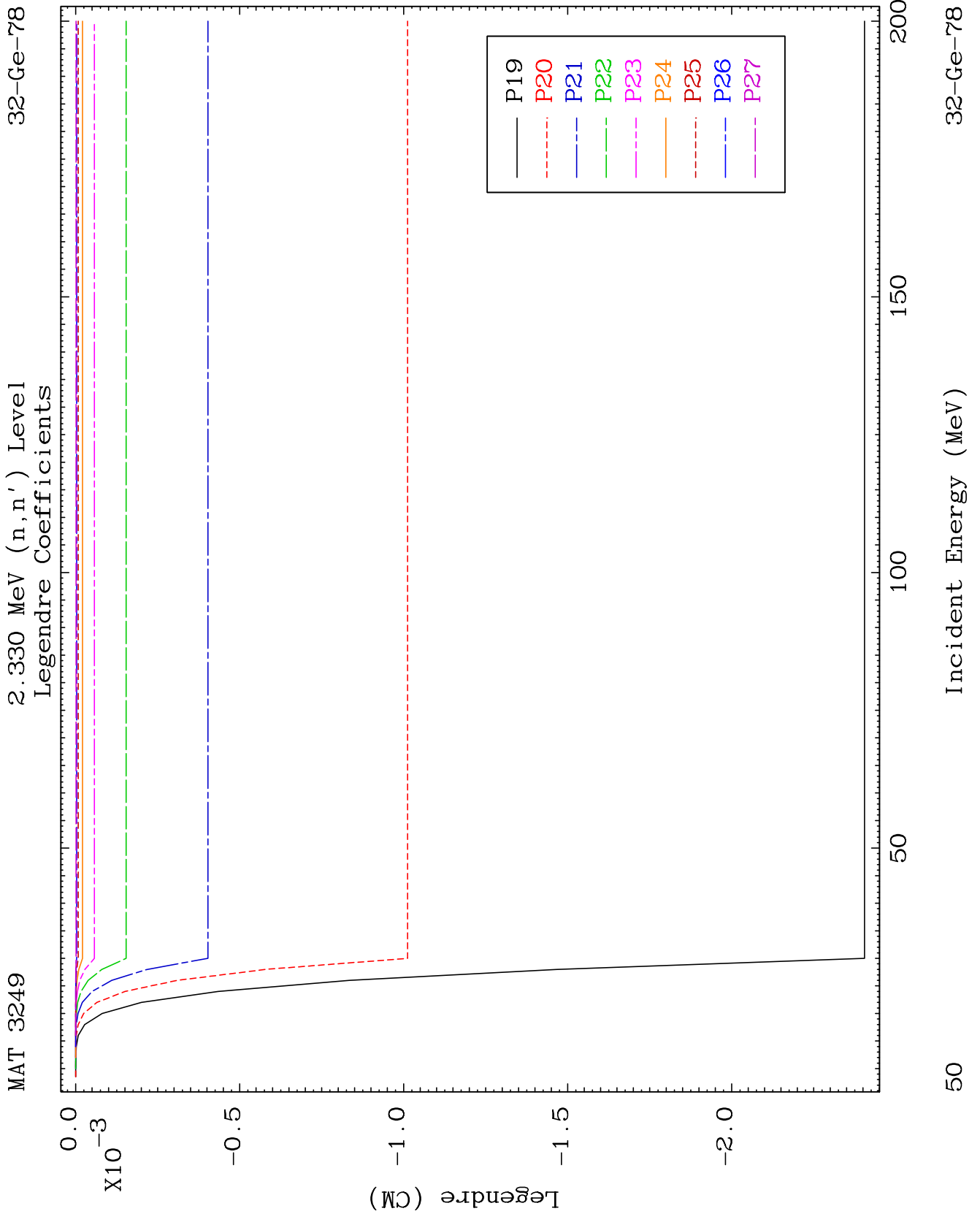


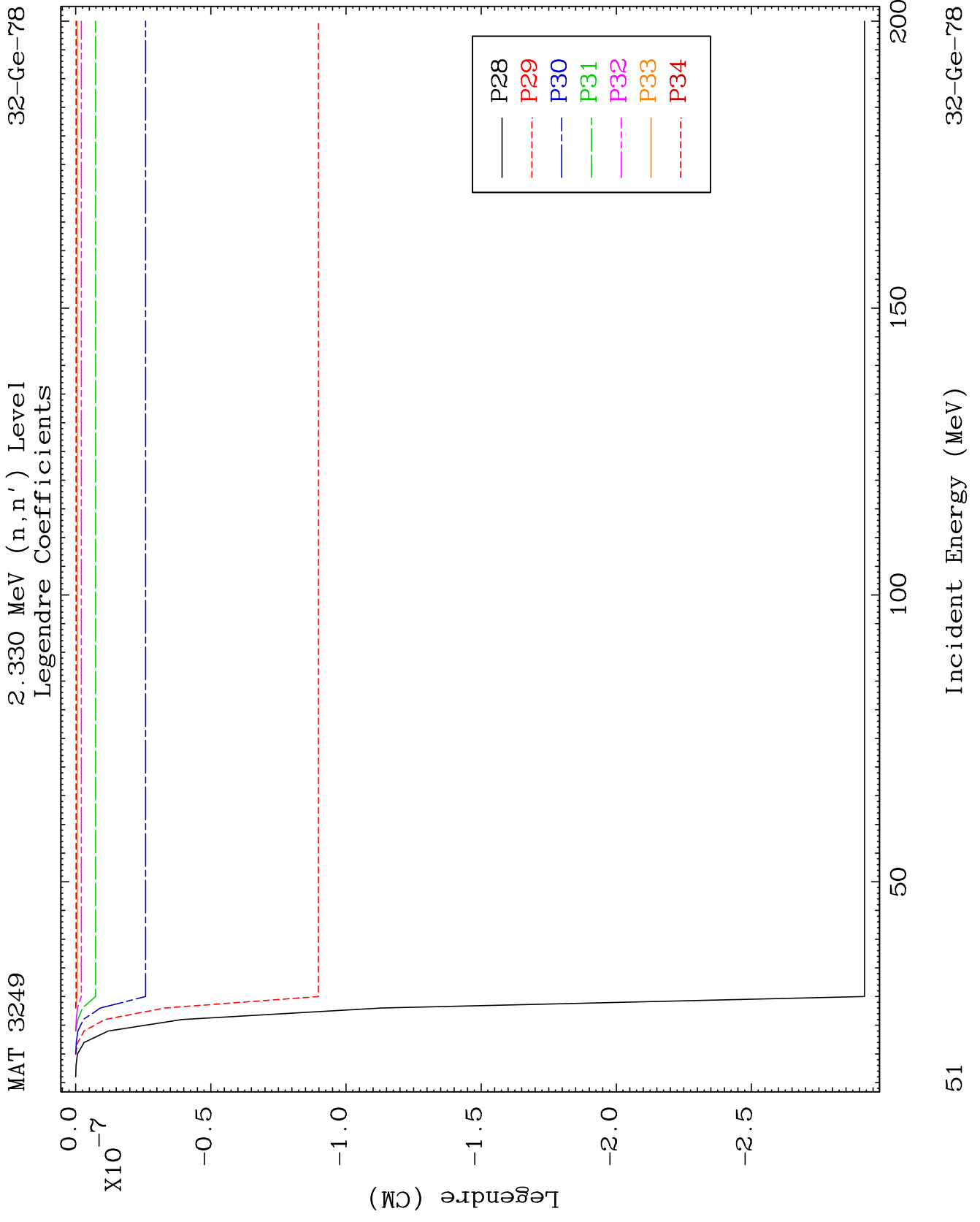








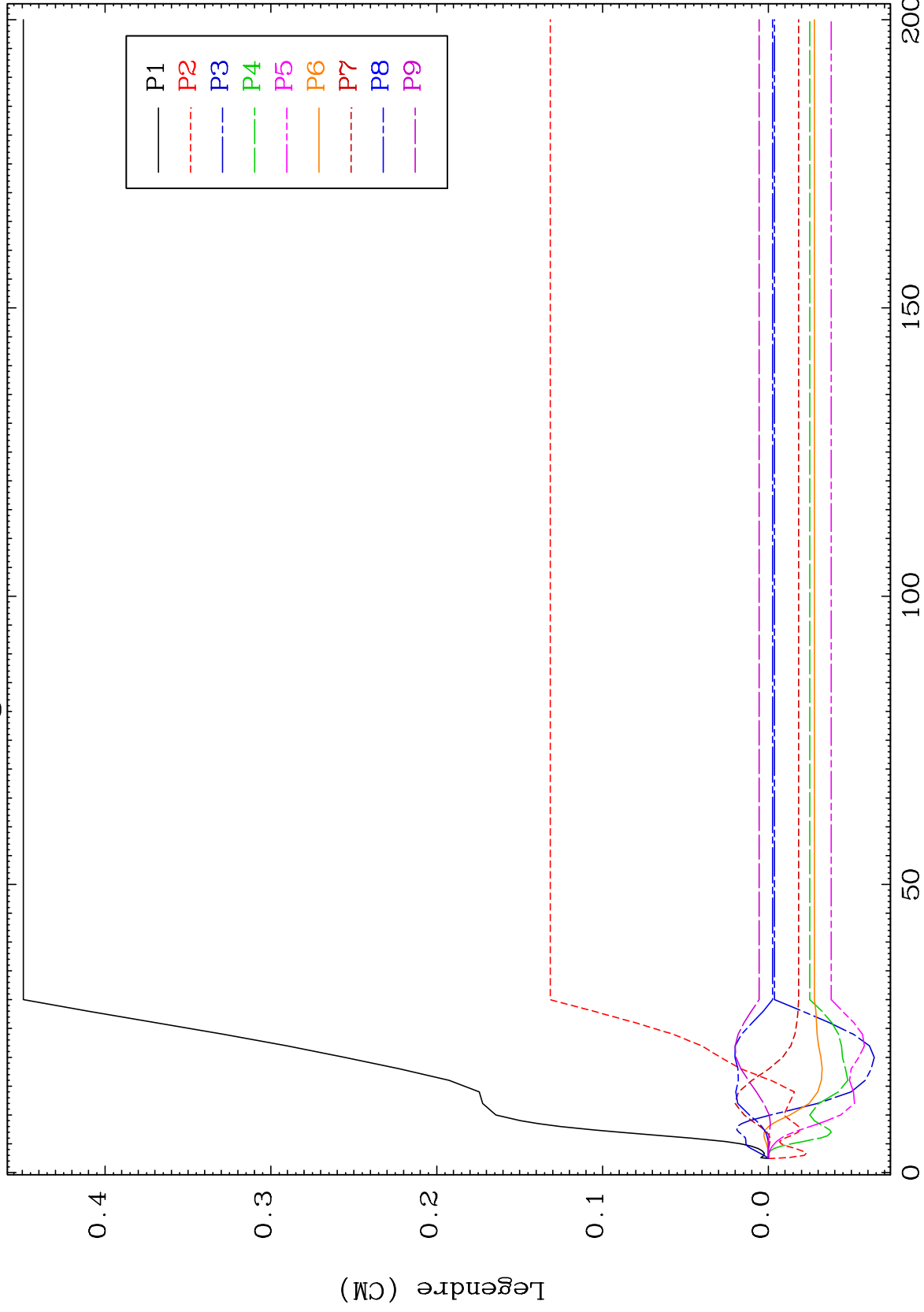




MAT 3249

2.404 MeV (n,n') Level  
Legendre Coefficients

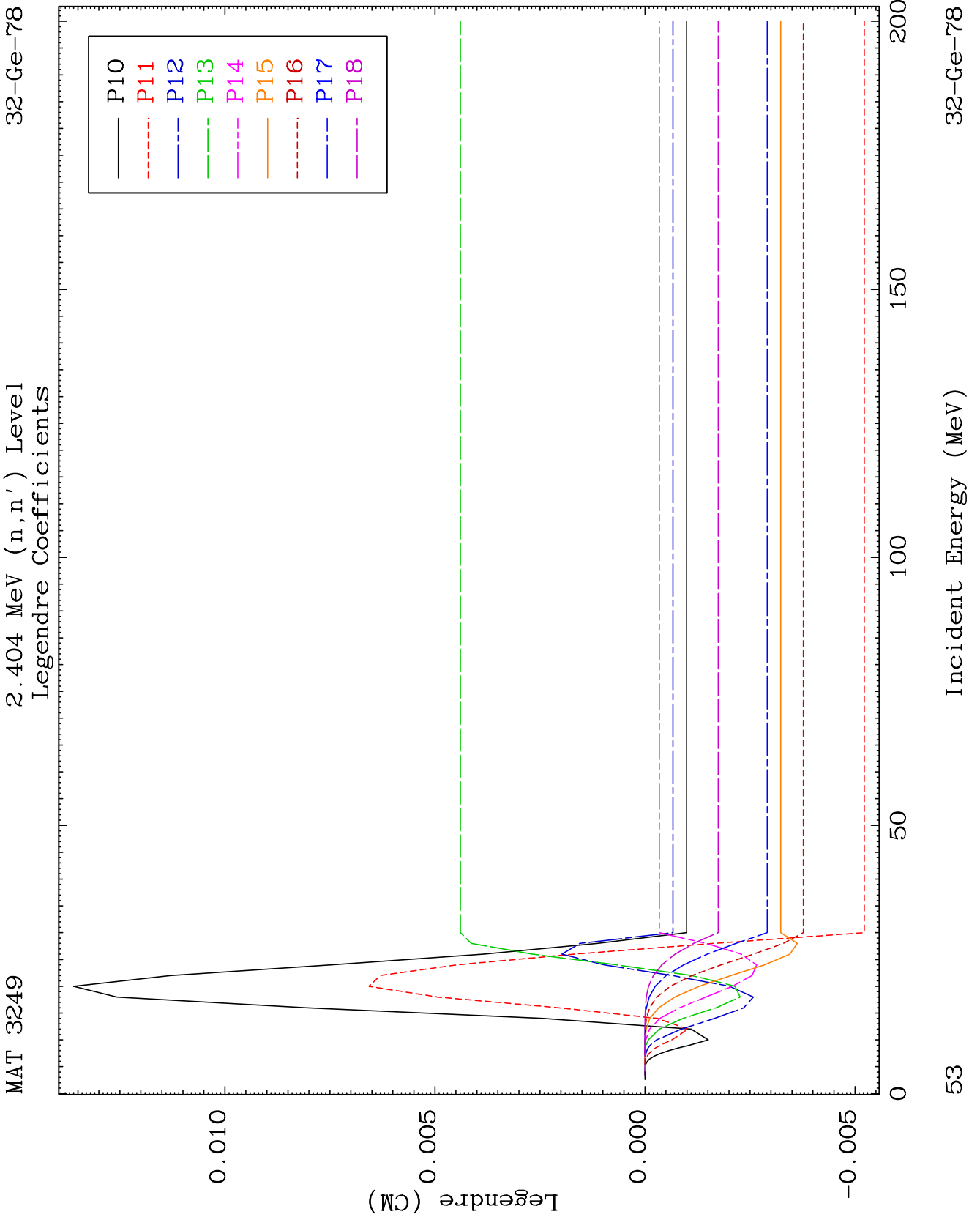
32-Ge-78

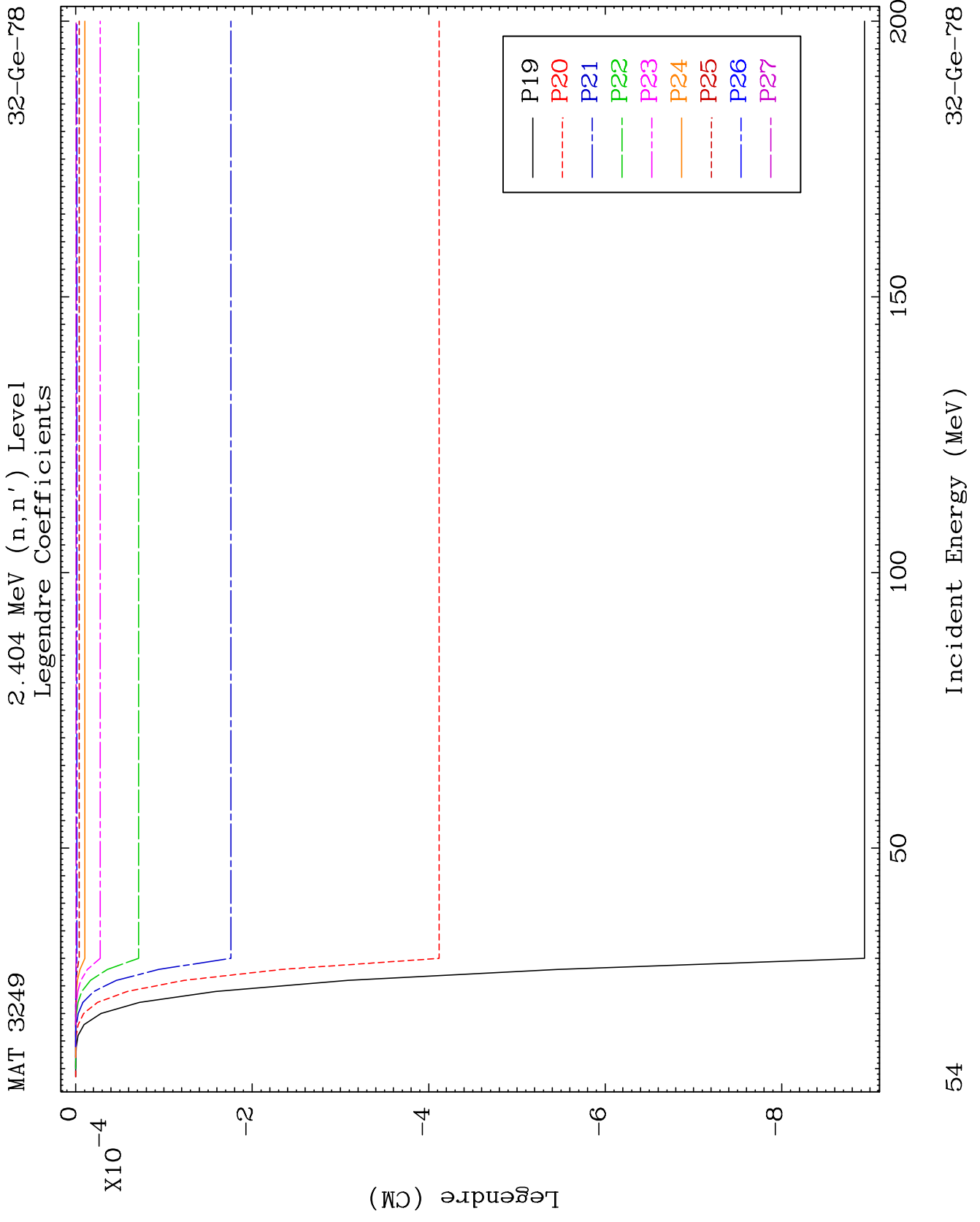


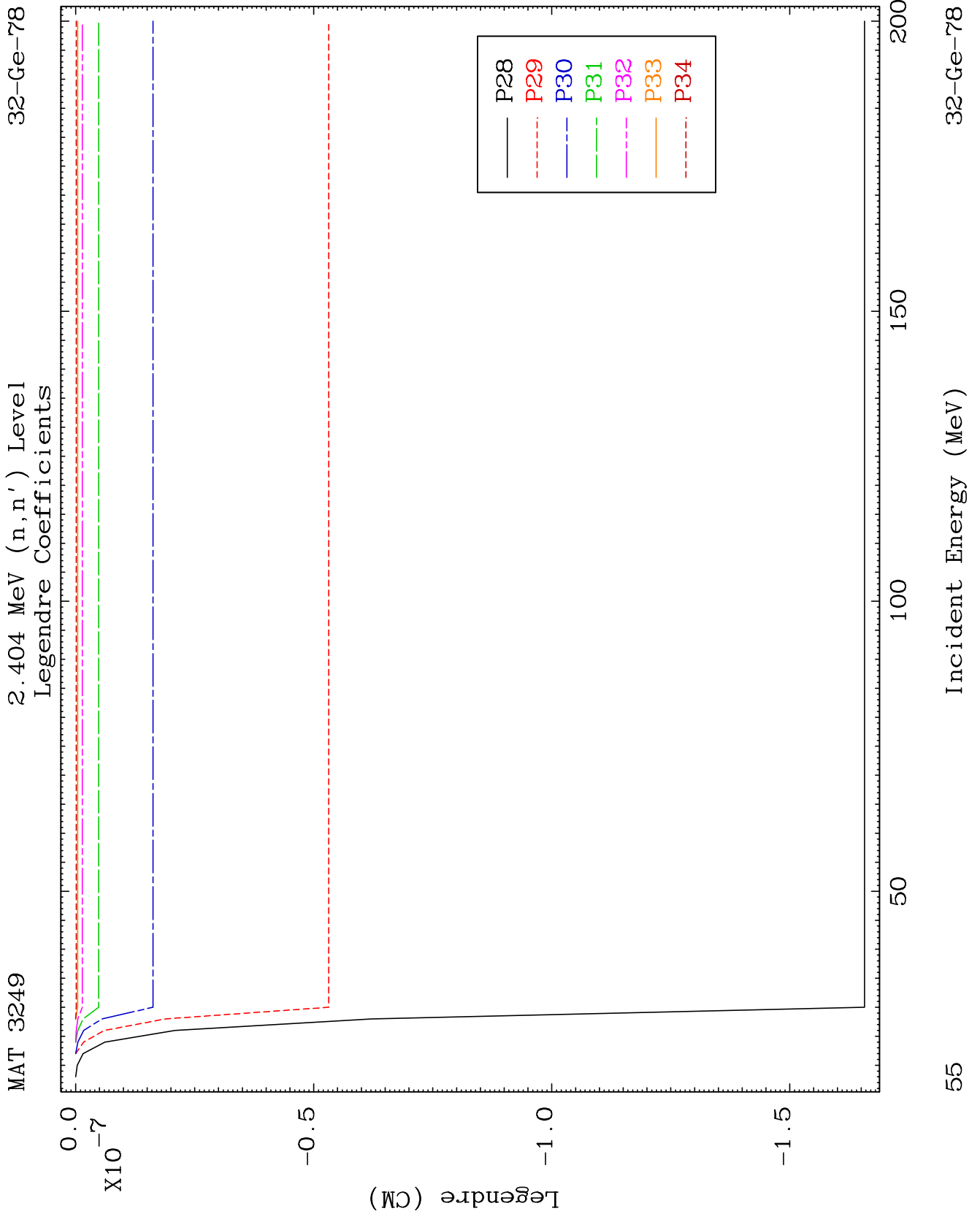
52

Incident Energy (MeV)

32-Ge-78







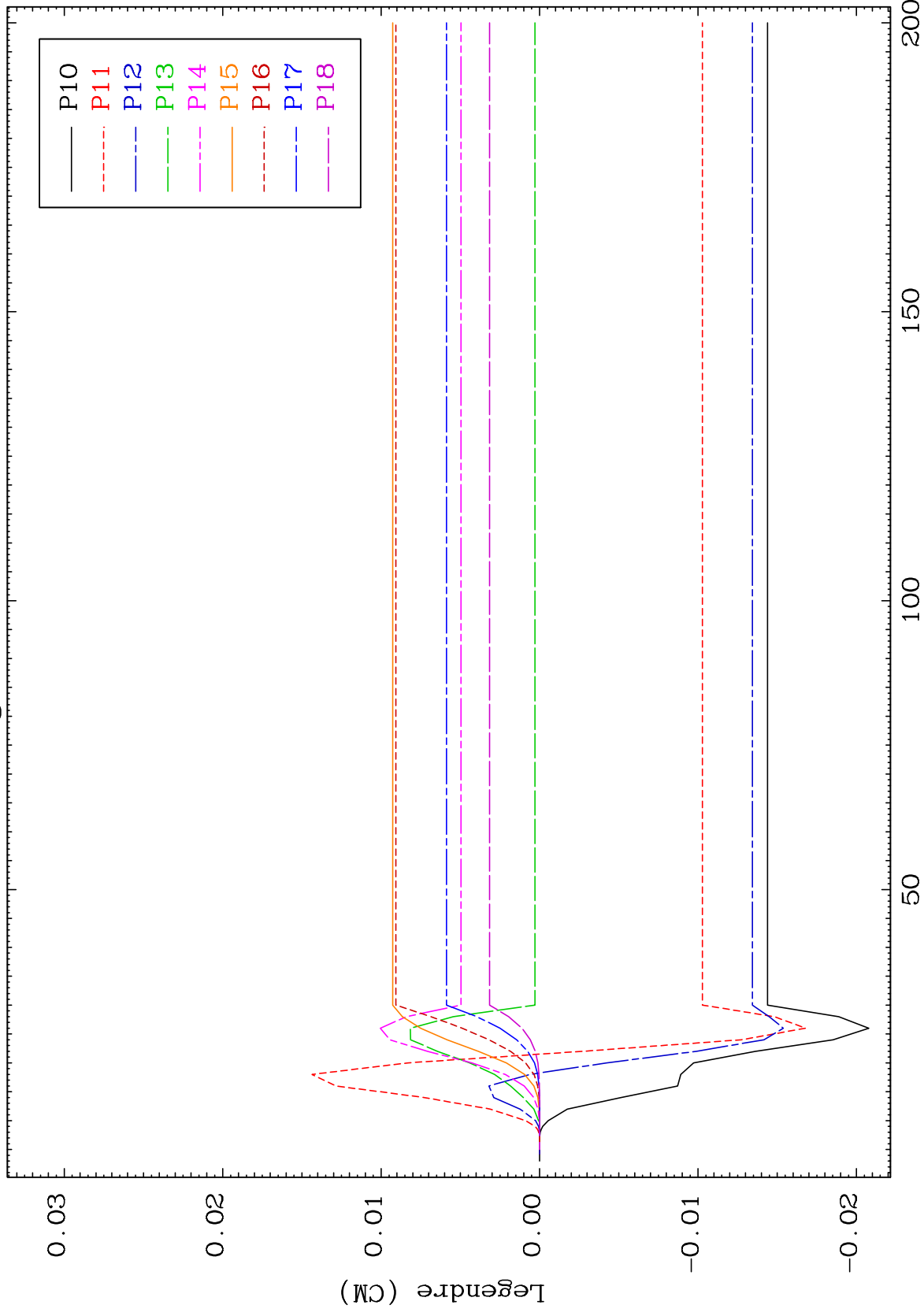




MAT 3249

2.439 MeV (n,n') Level  
Legendre Coefficients

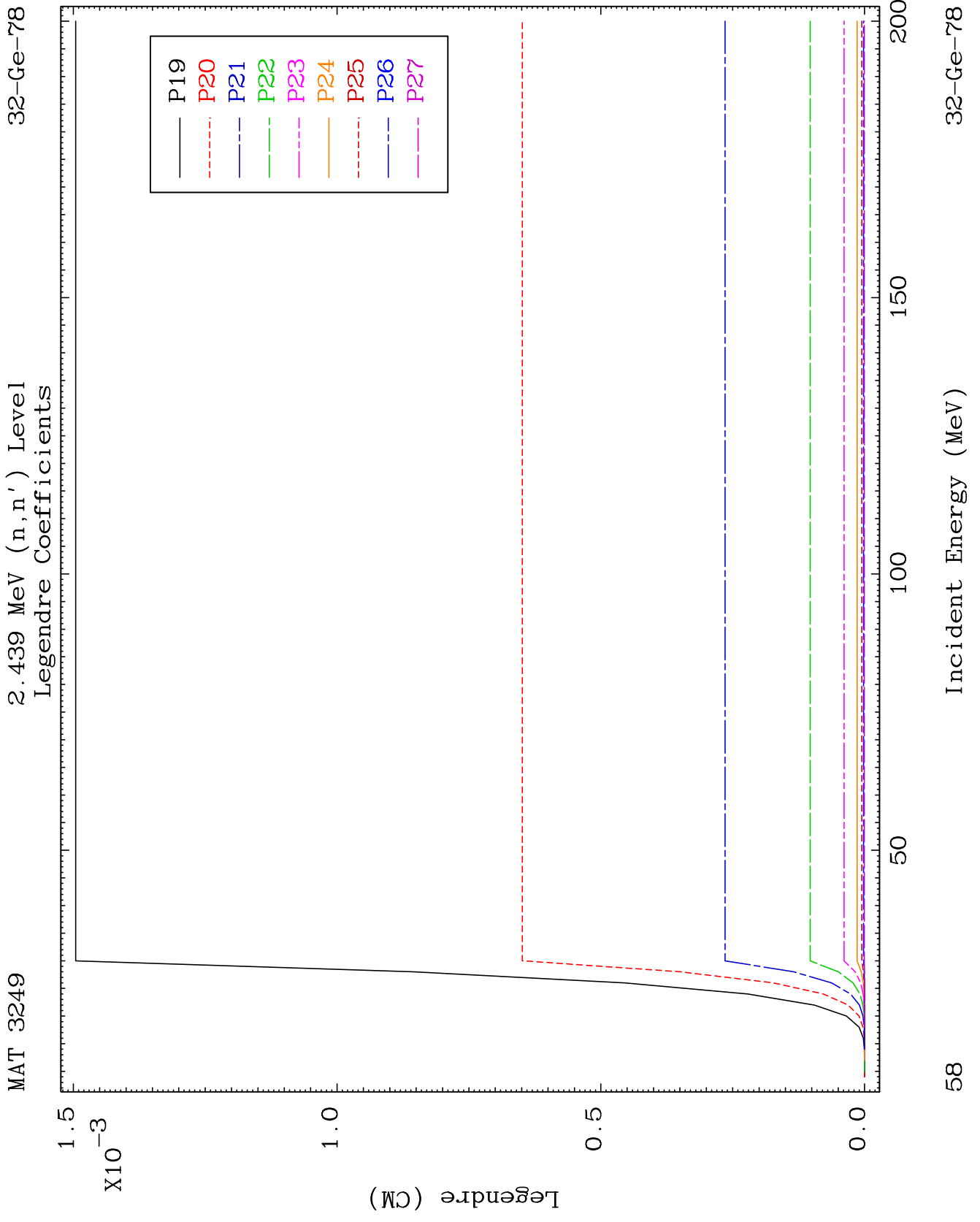
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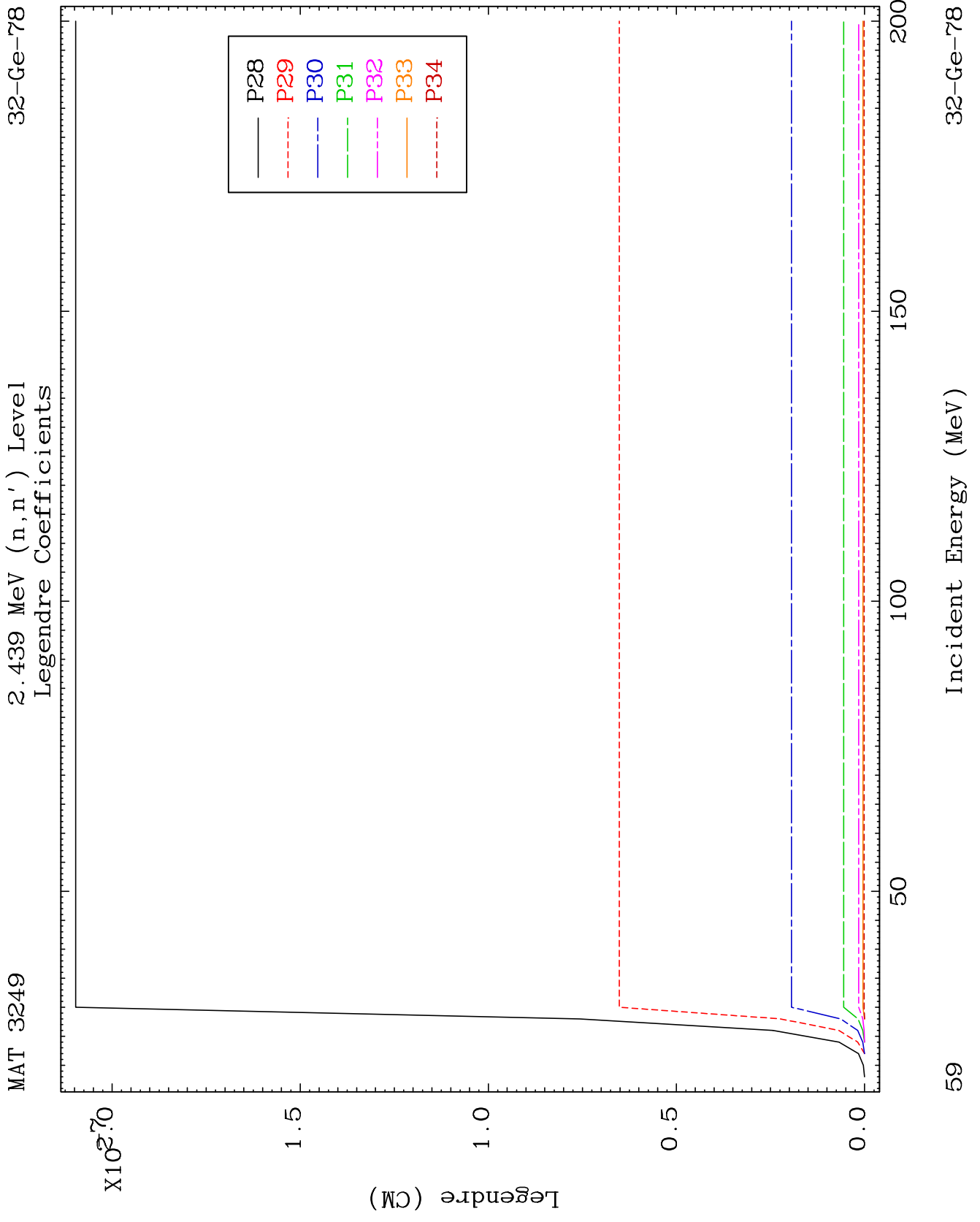


57

Incident Energy (MeV)

32-Ge-78

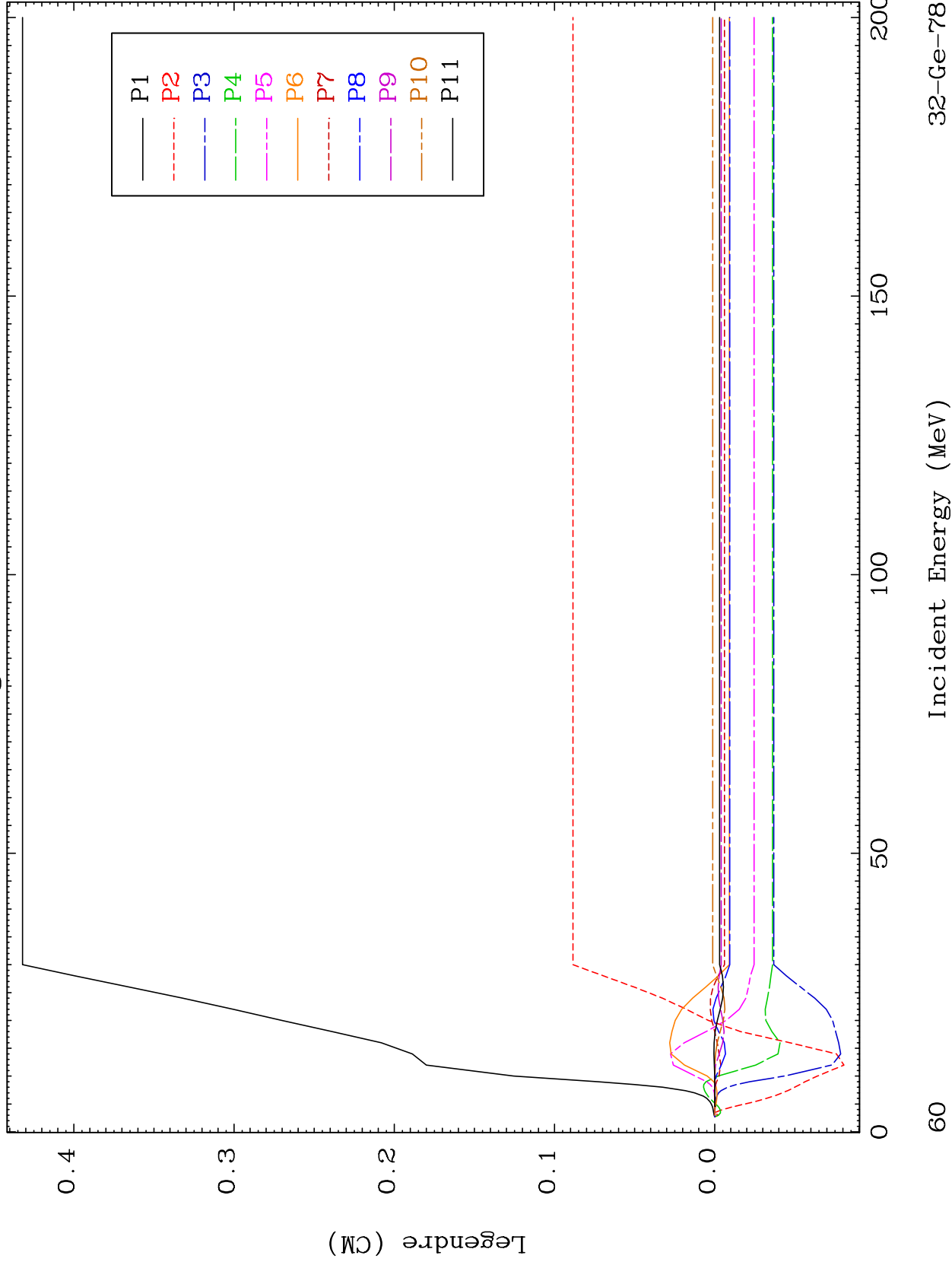




MAT 3249

2.652 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



32-Ge-78

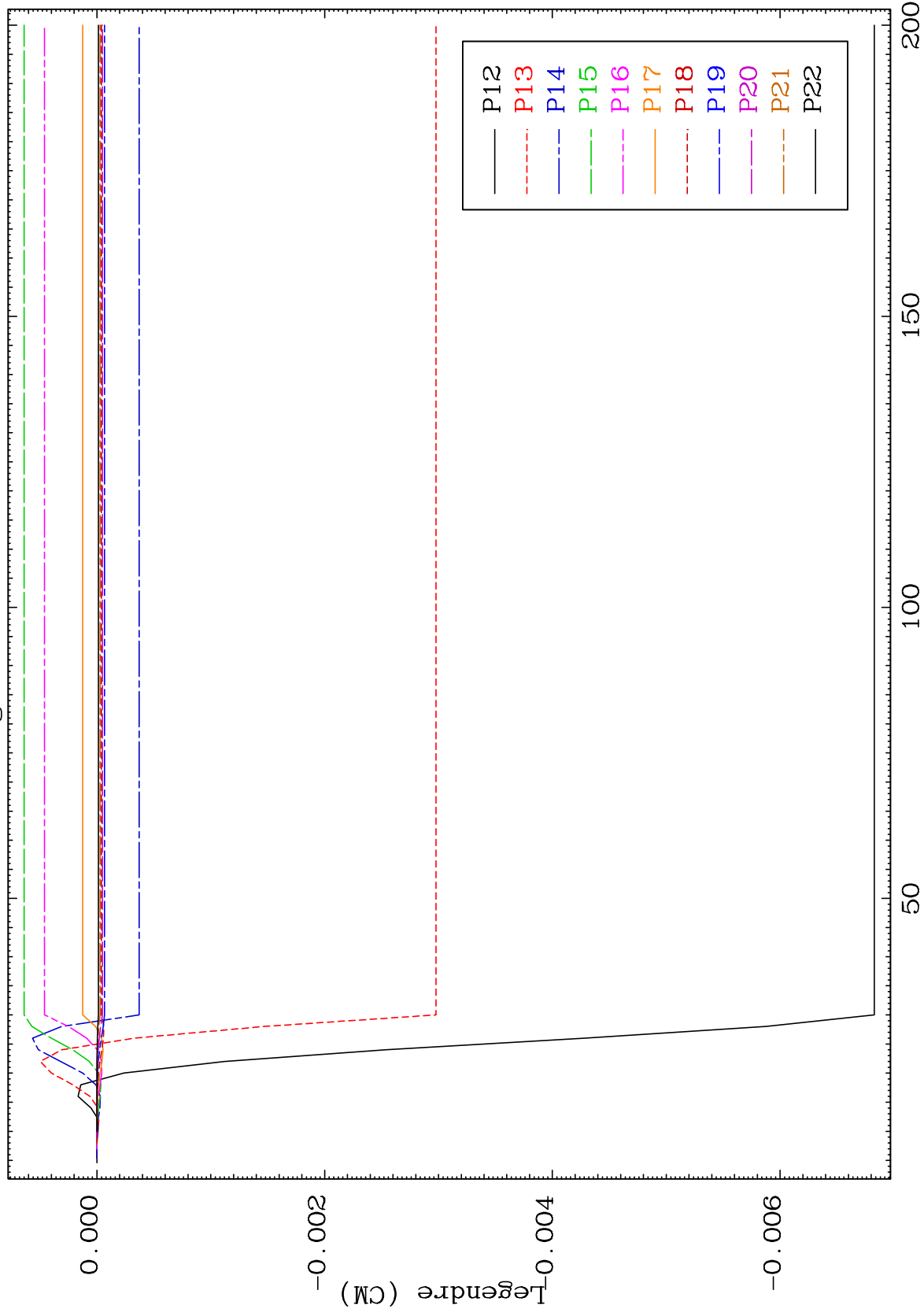
Incident Energy (MeV)

60

MAT 3249

2.652 MeV (n,n') Level  
Legendre Coefficients

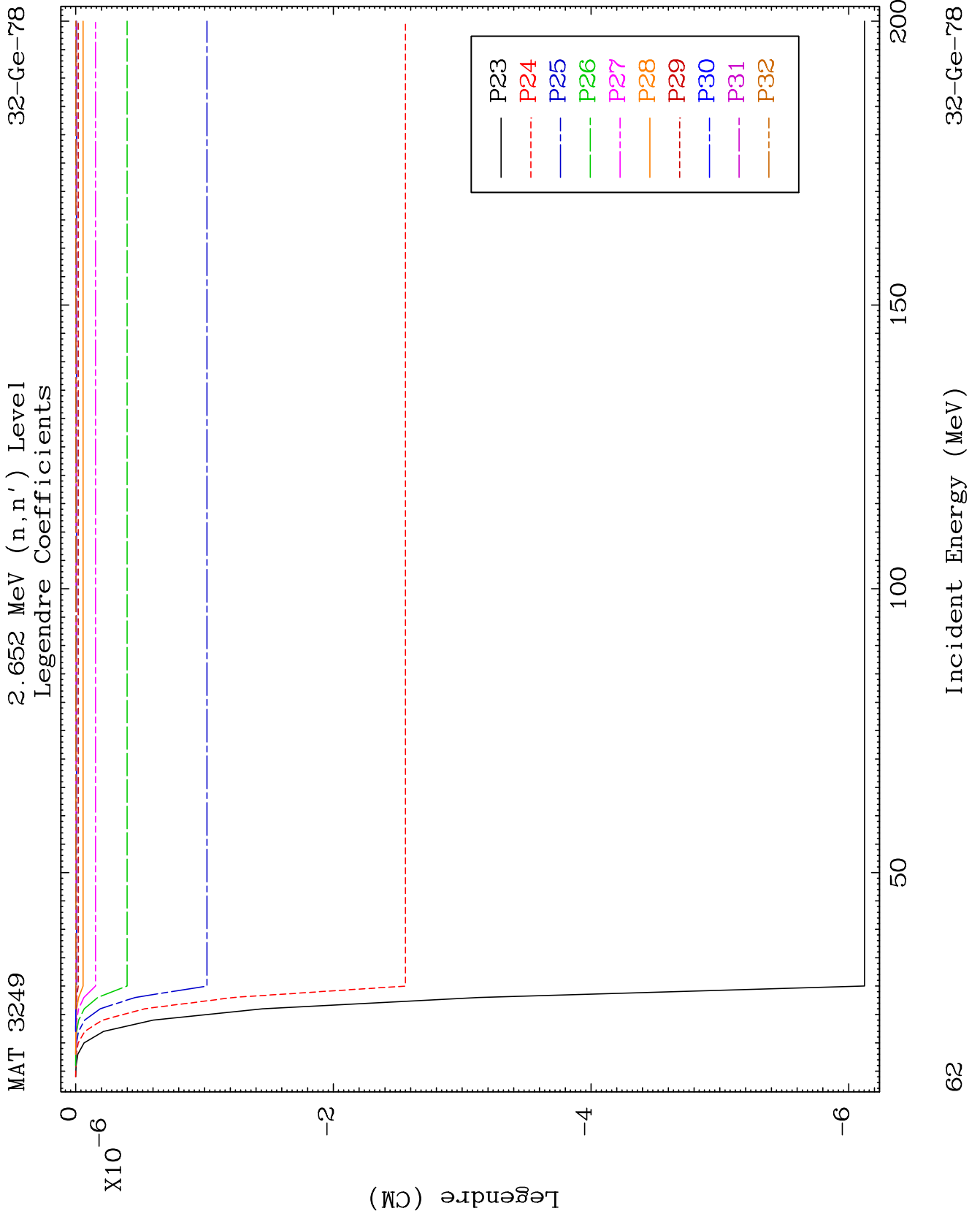
32-Ge-78



61

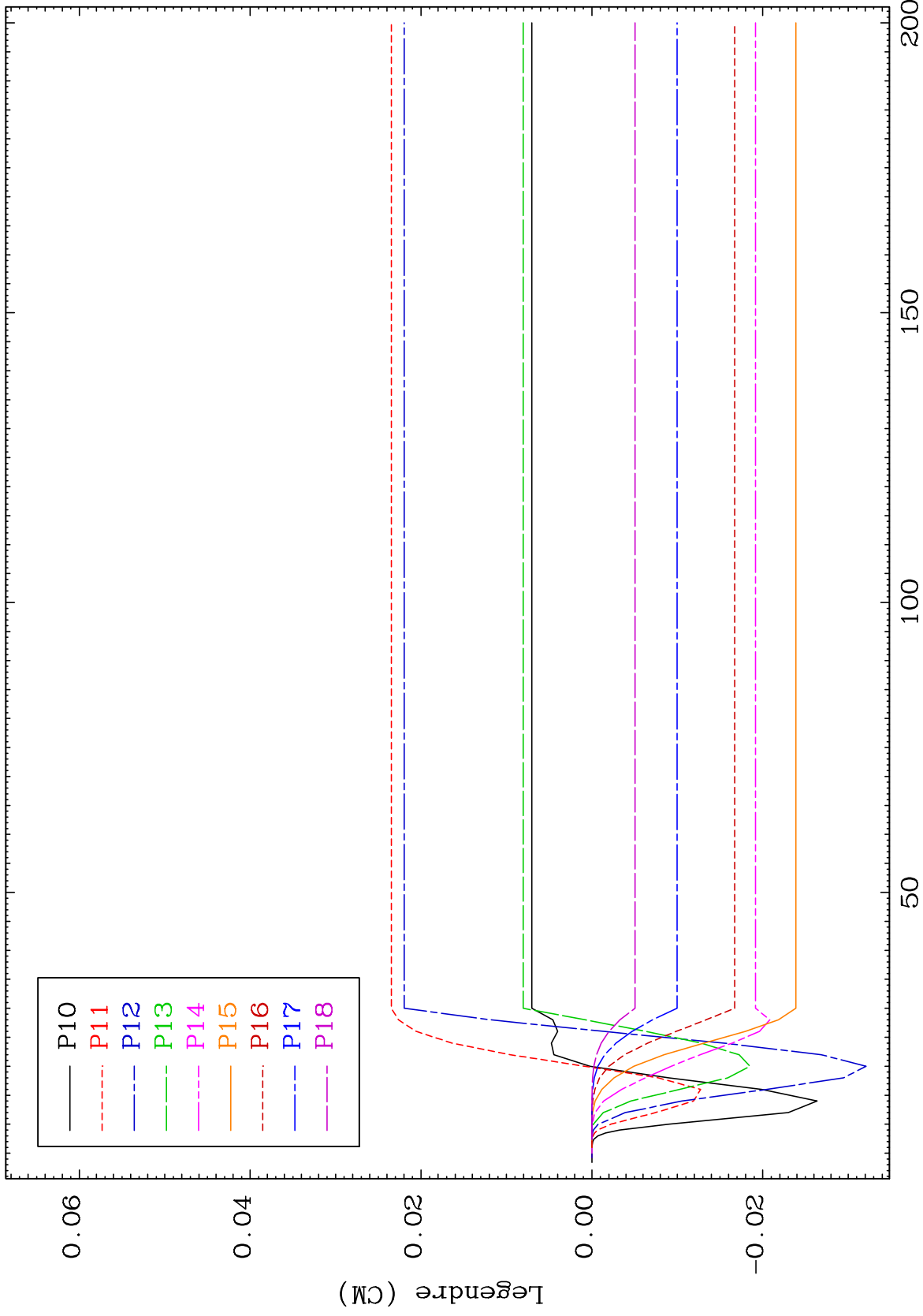
Incident Energy (MeV)

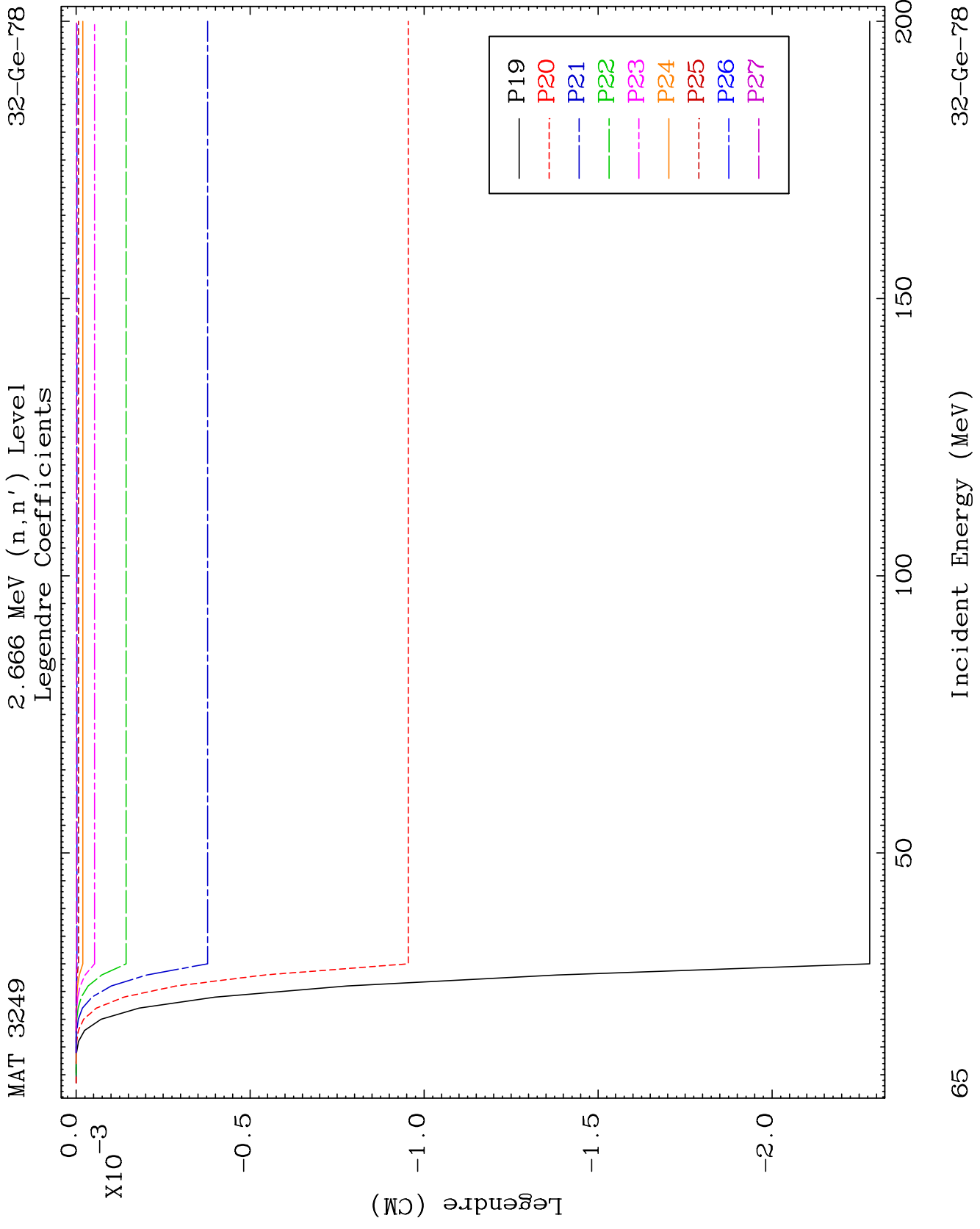
32-Ge-78

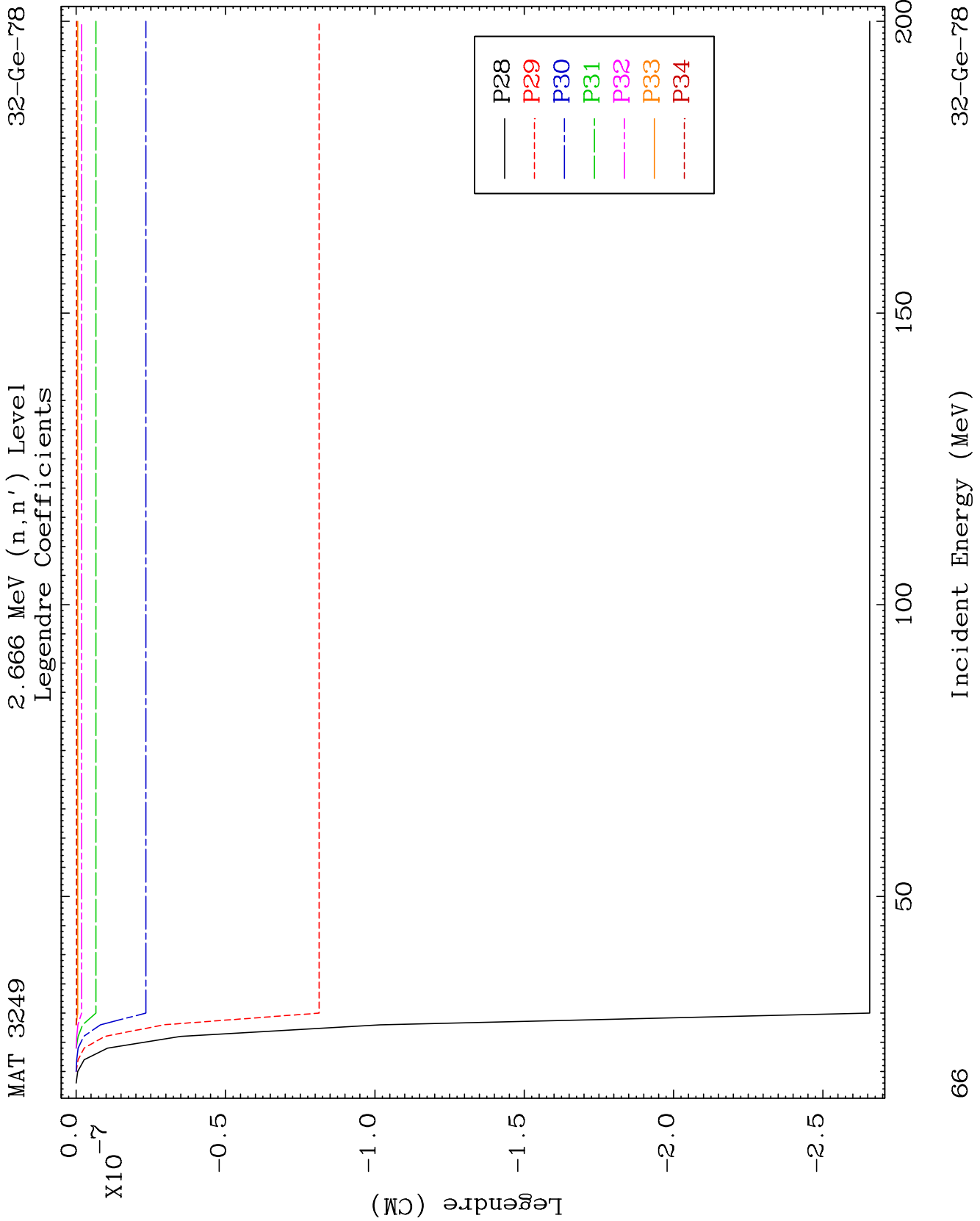










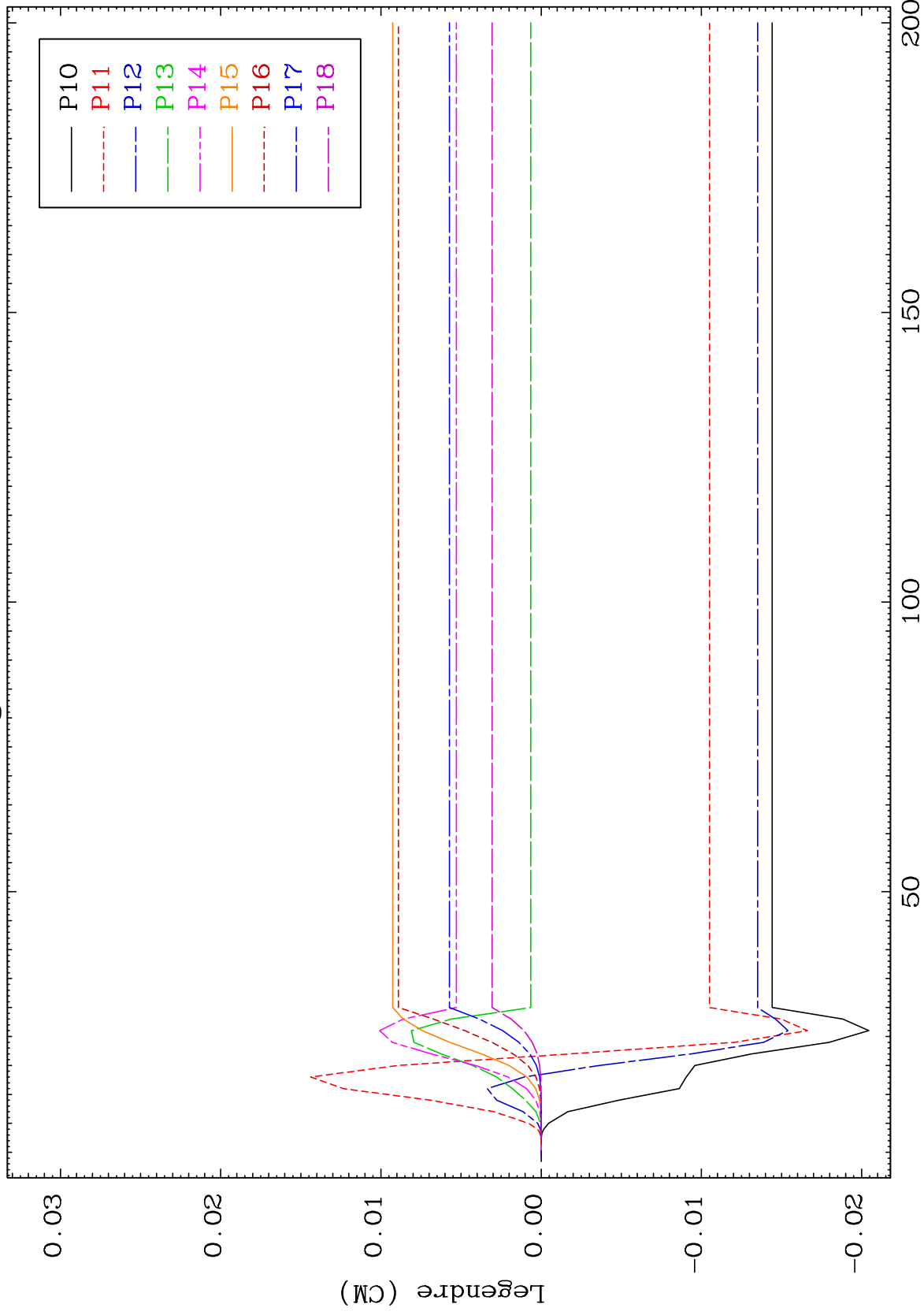




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2.706 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



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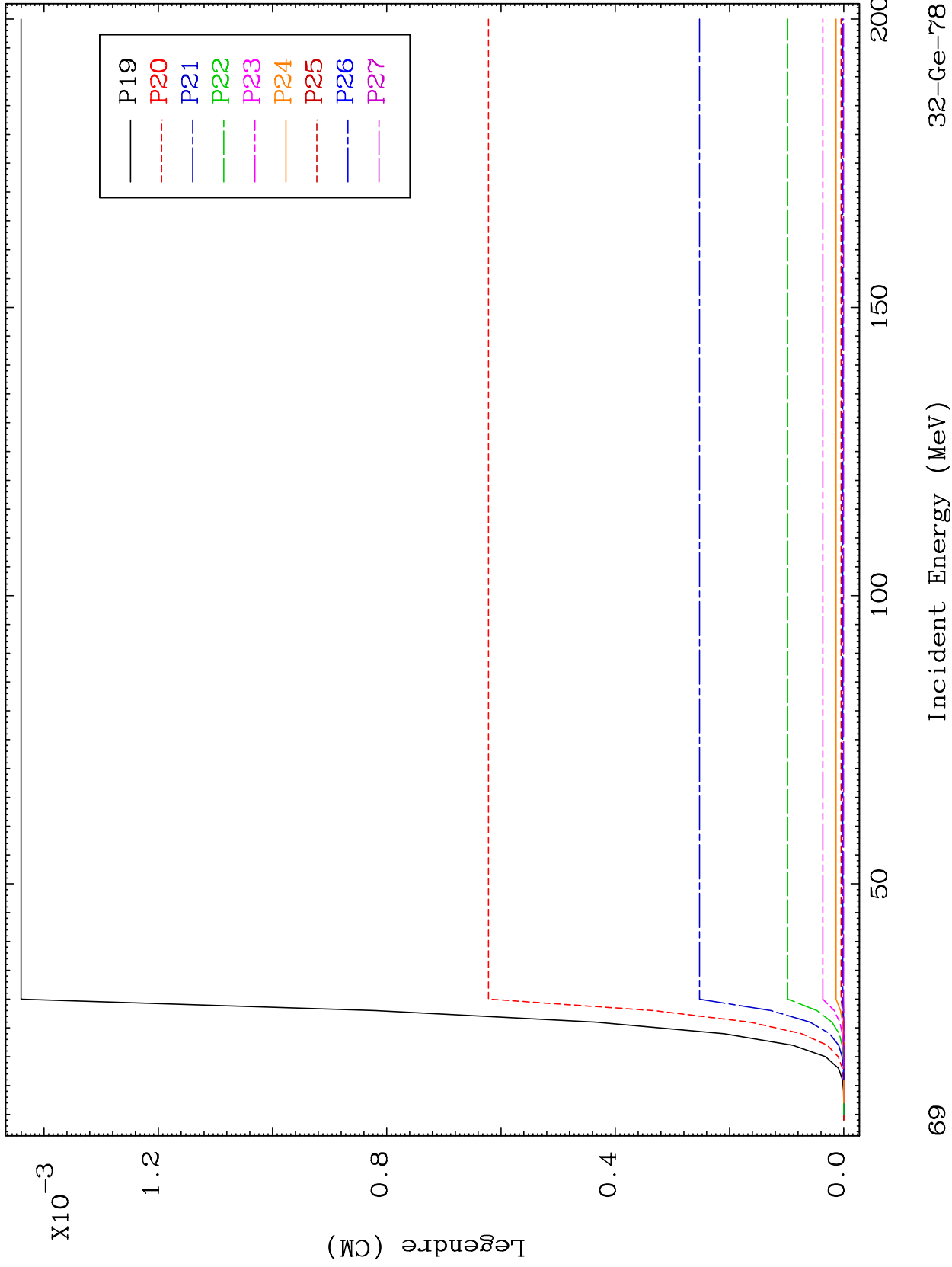
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.706 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



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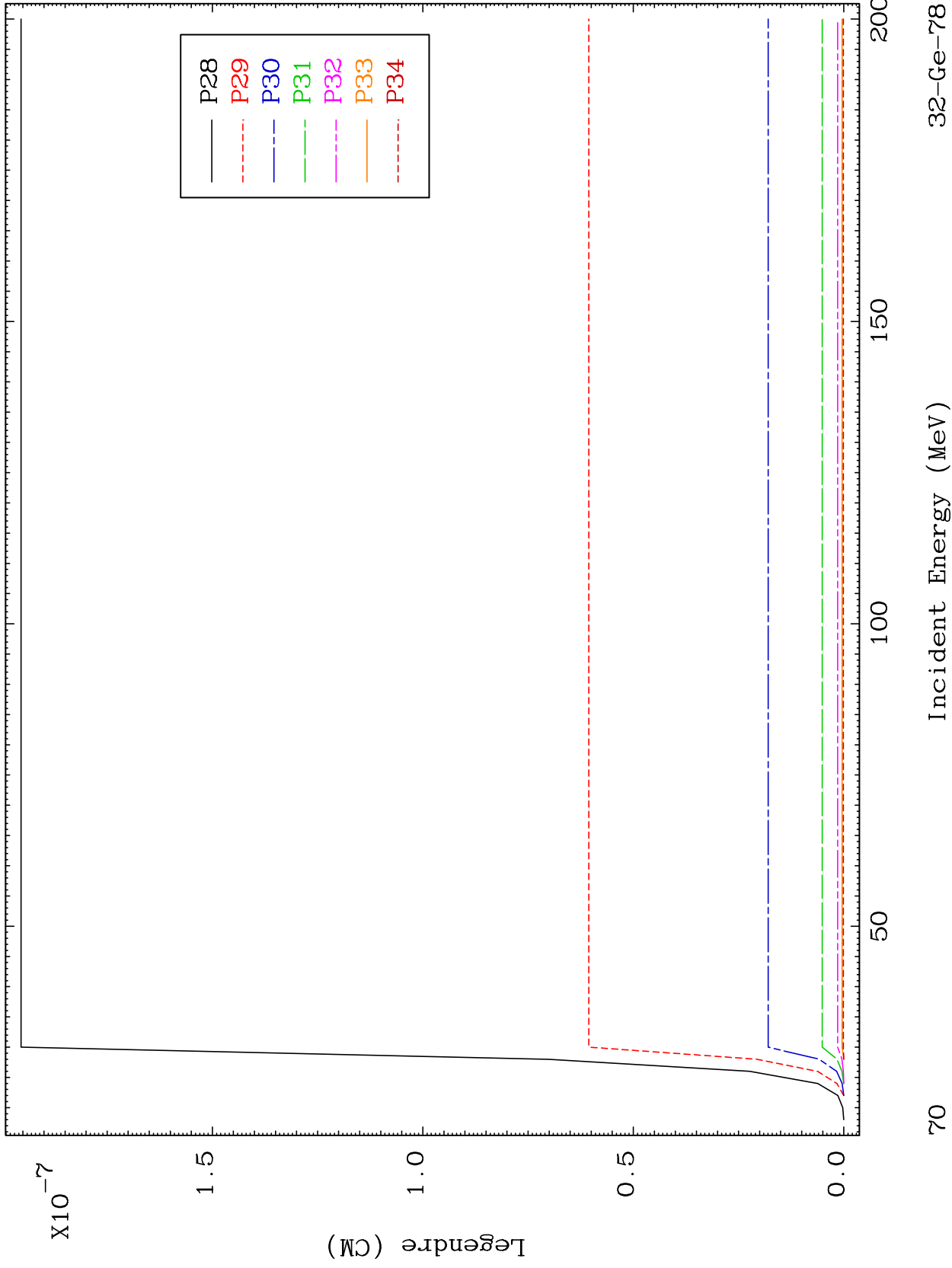
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.706 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



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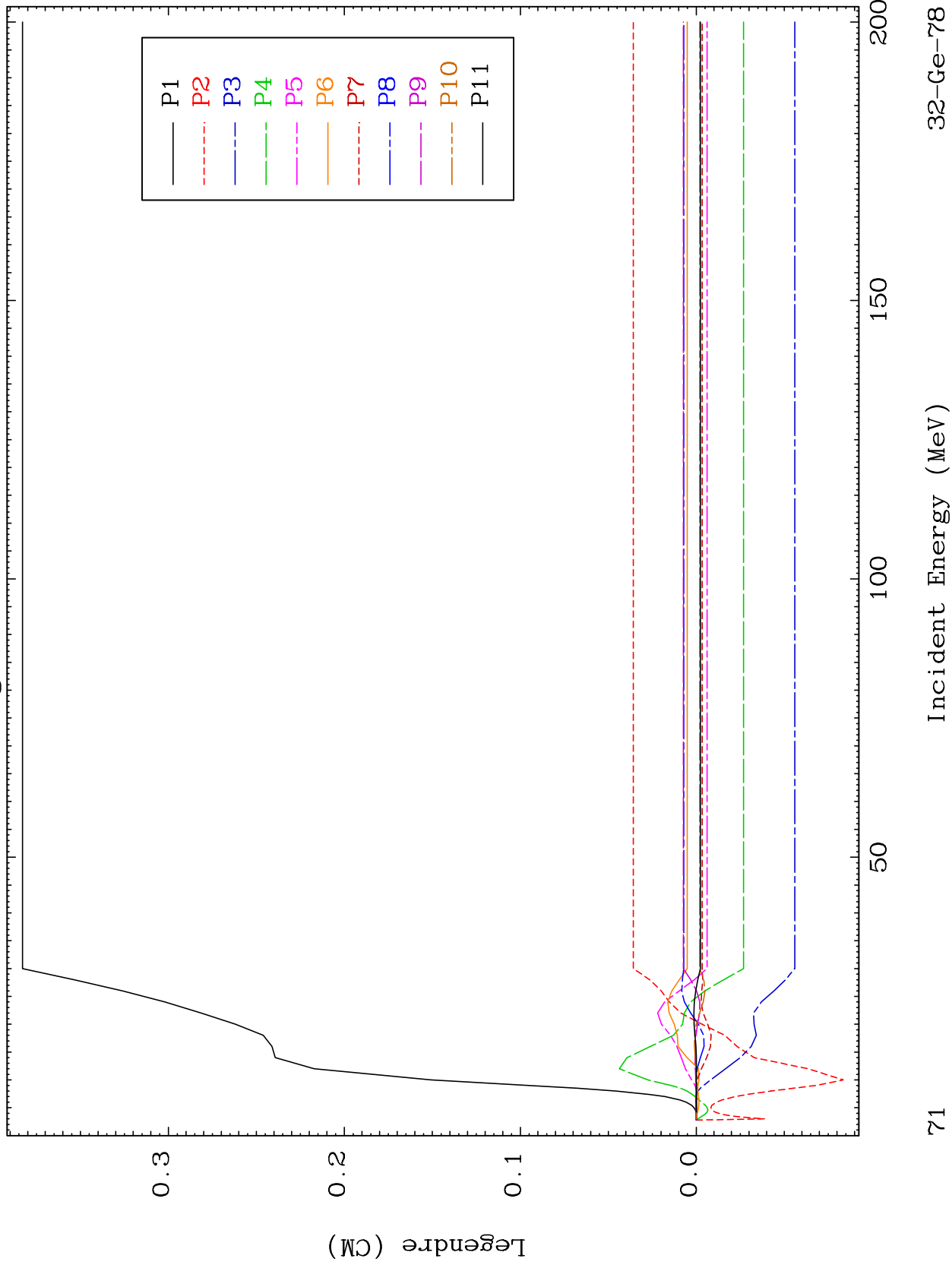
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.748 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



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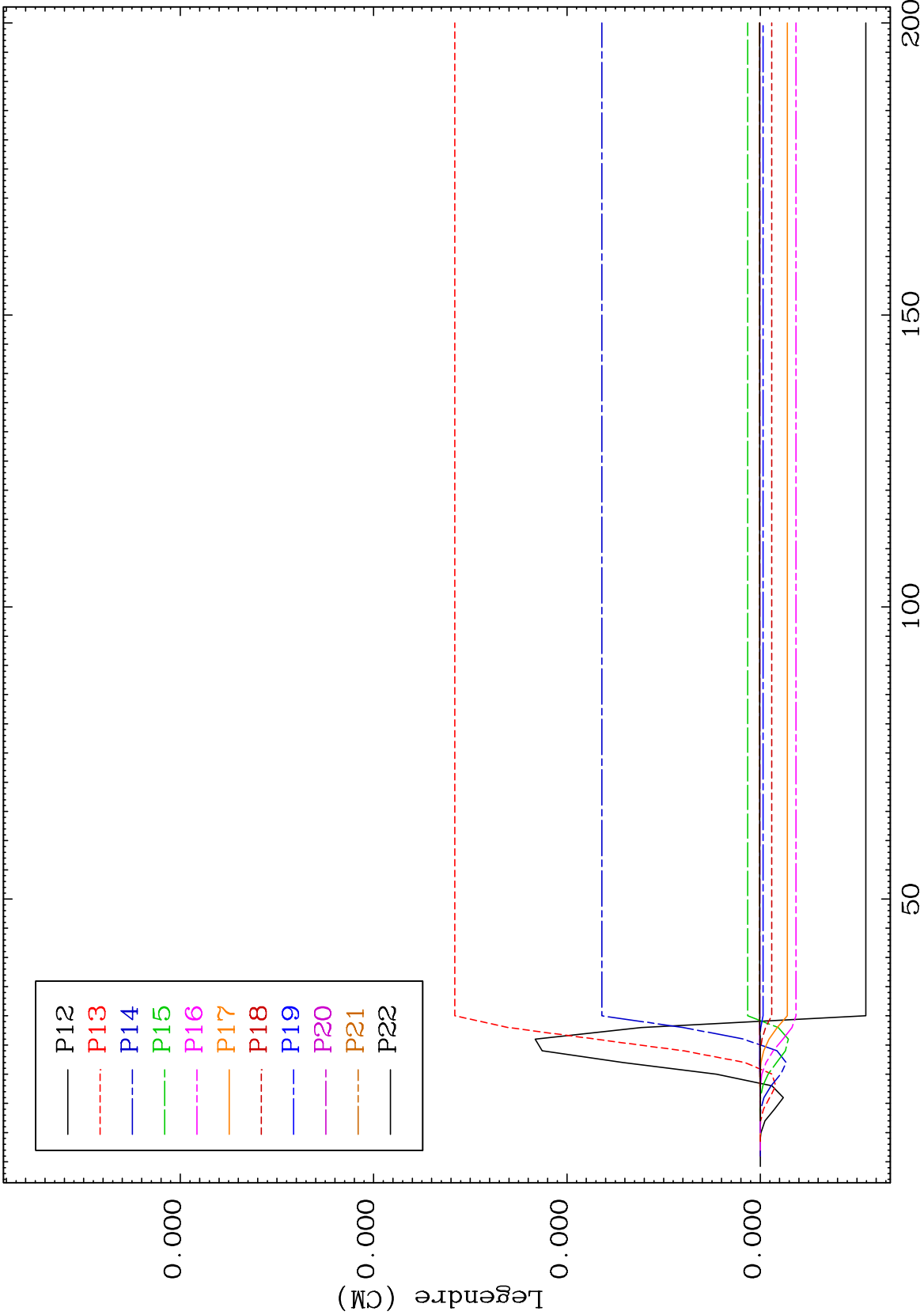
32-Ge-78



MAT 3249

2.748 MeV (n,n') Level  
Legendre Coefficients

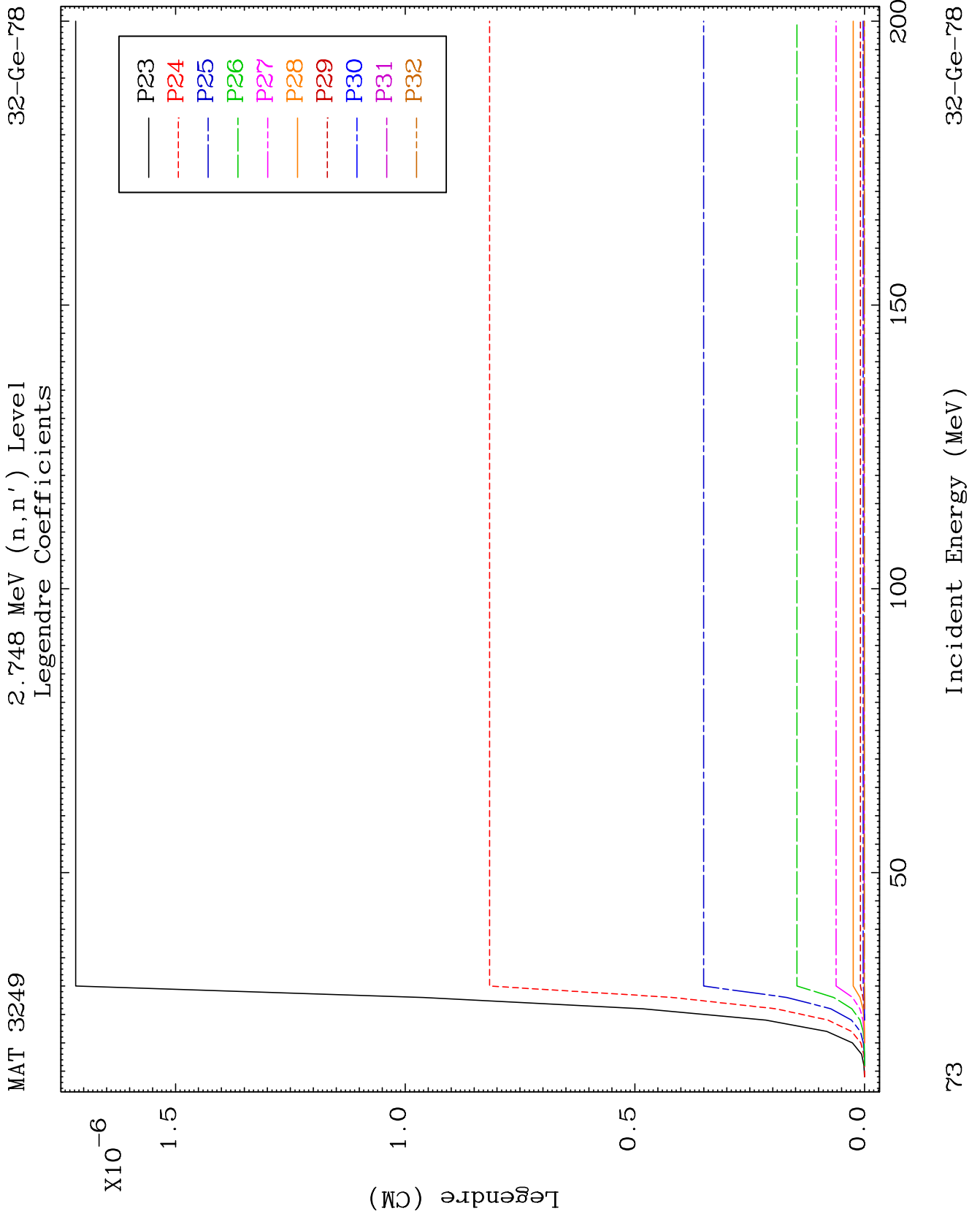
32-Ge-78



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Incident Energy (MeV)

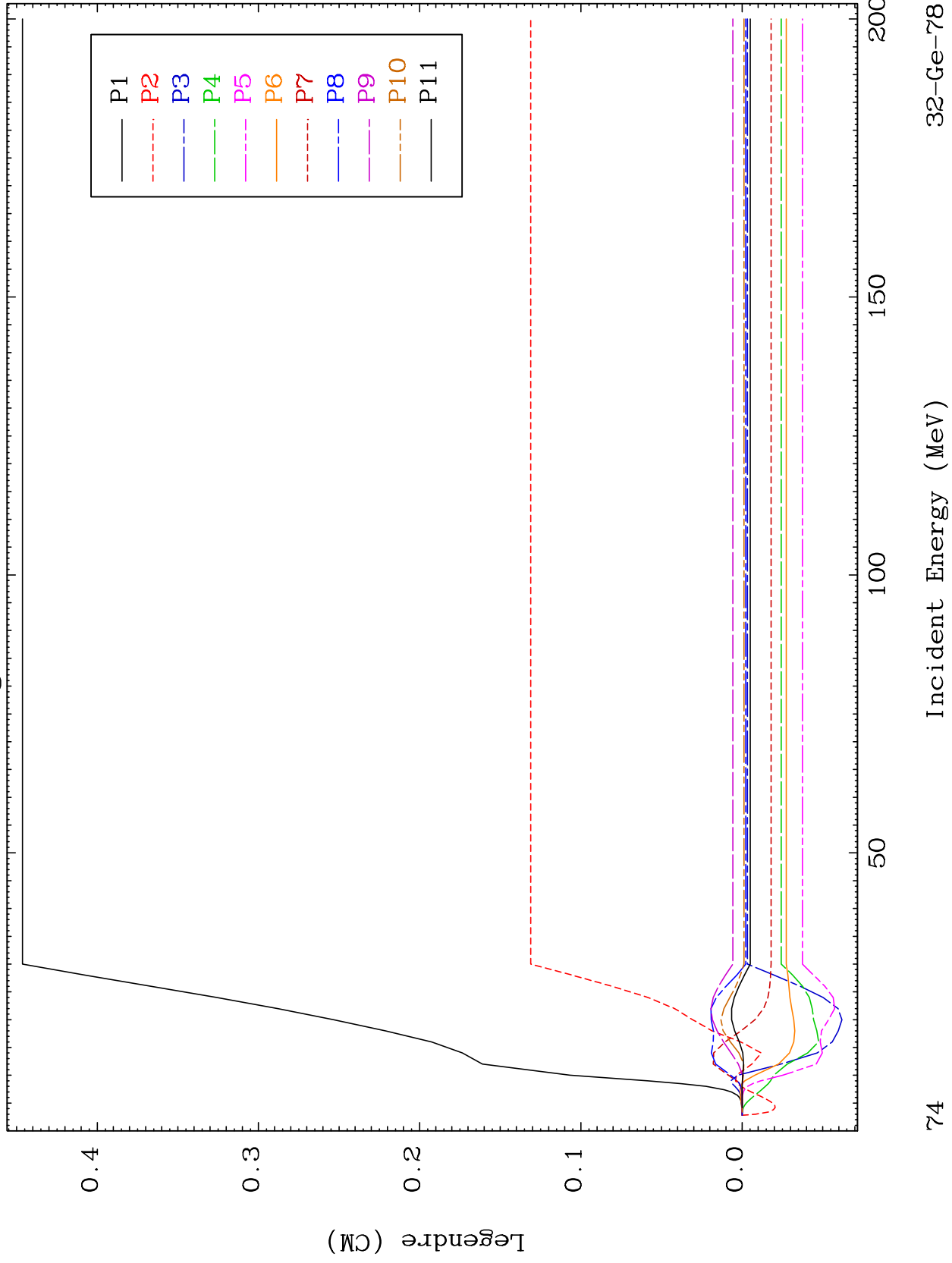
32-Ge-78



MAT 3249

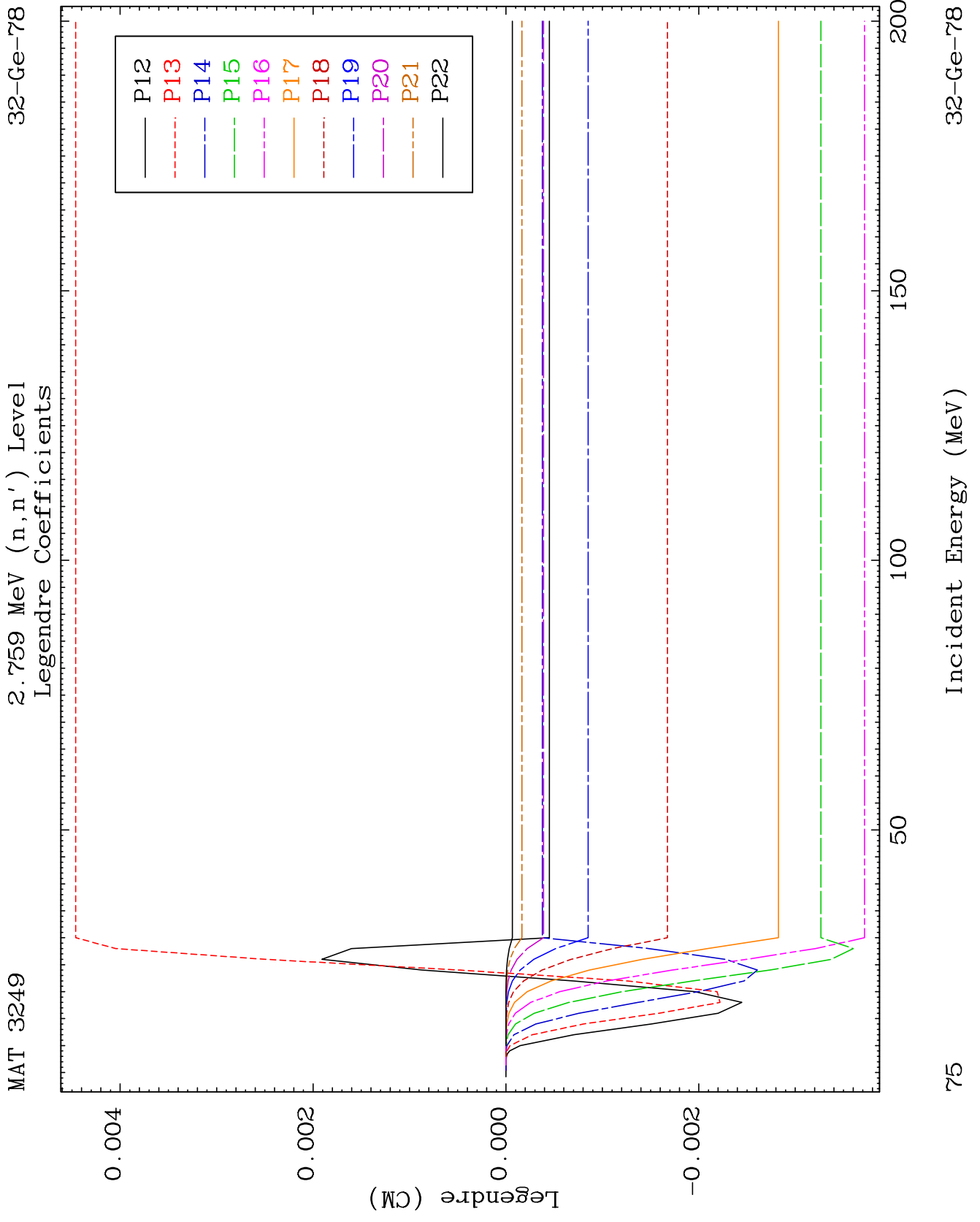
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Legendre Coefficients

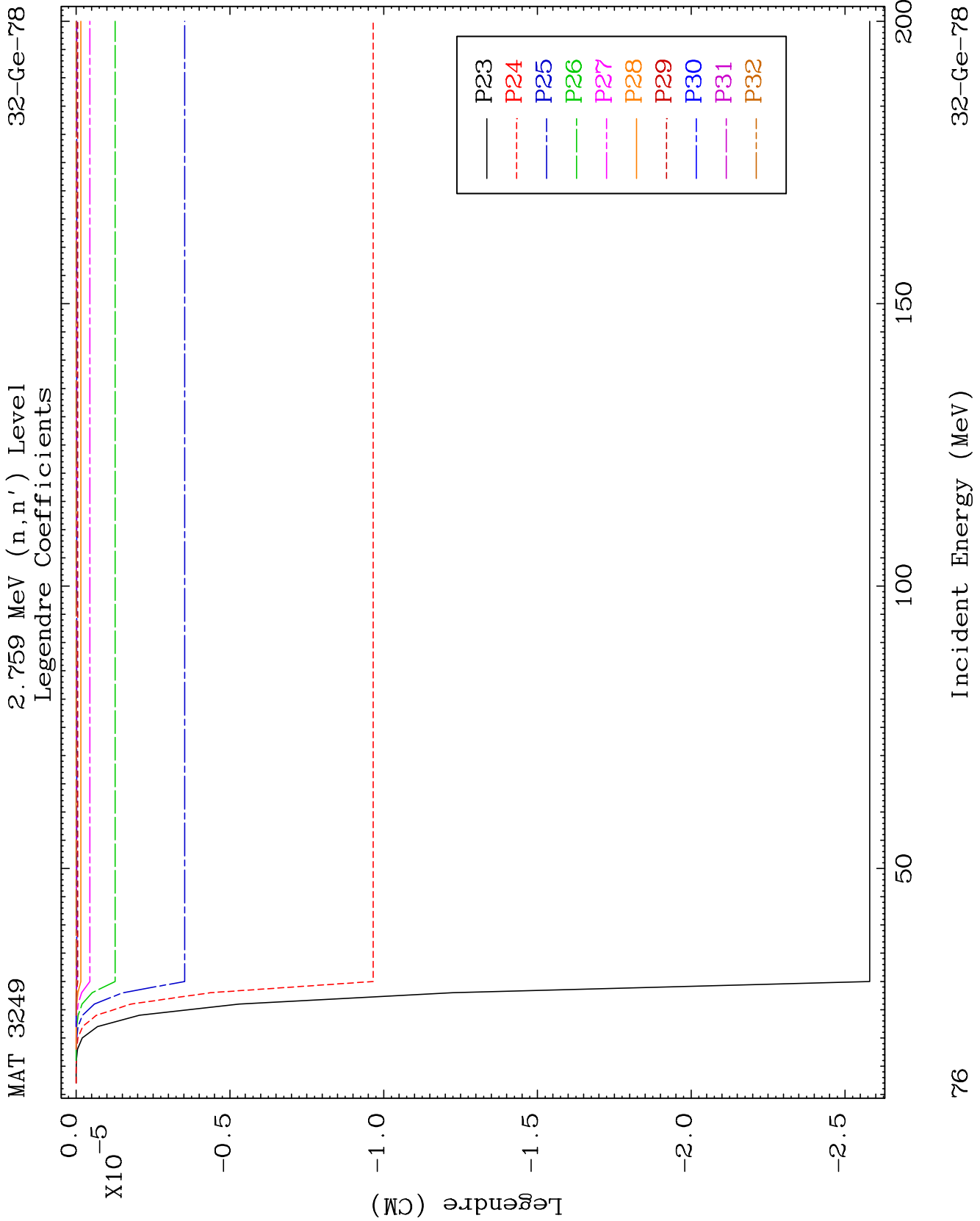
32-Ge-78



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32-Ge-78

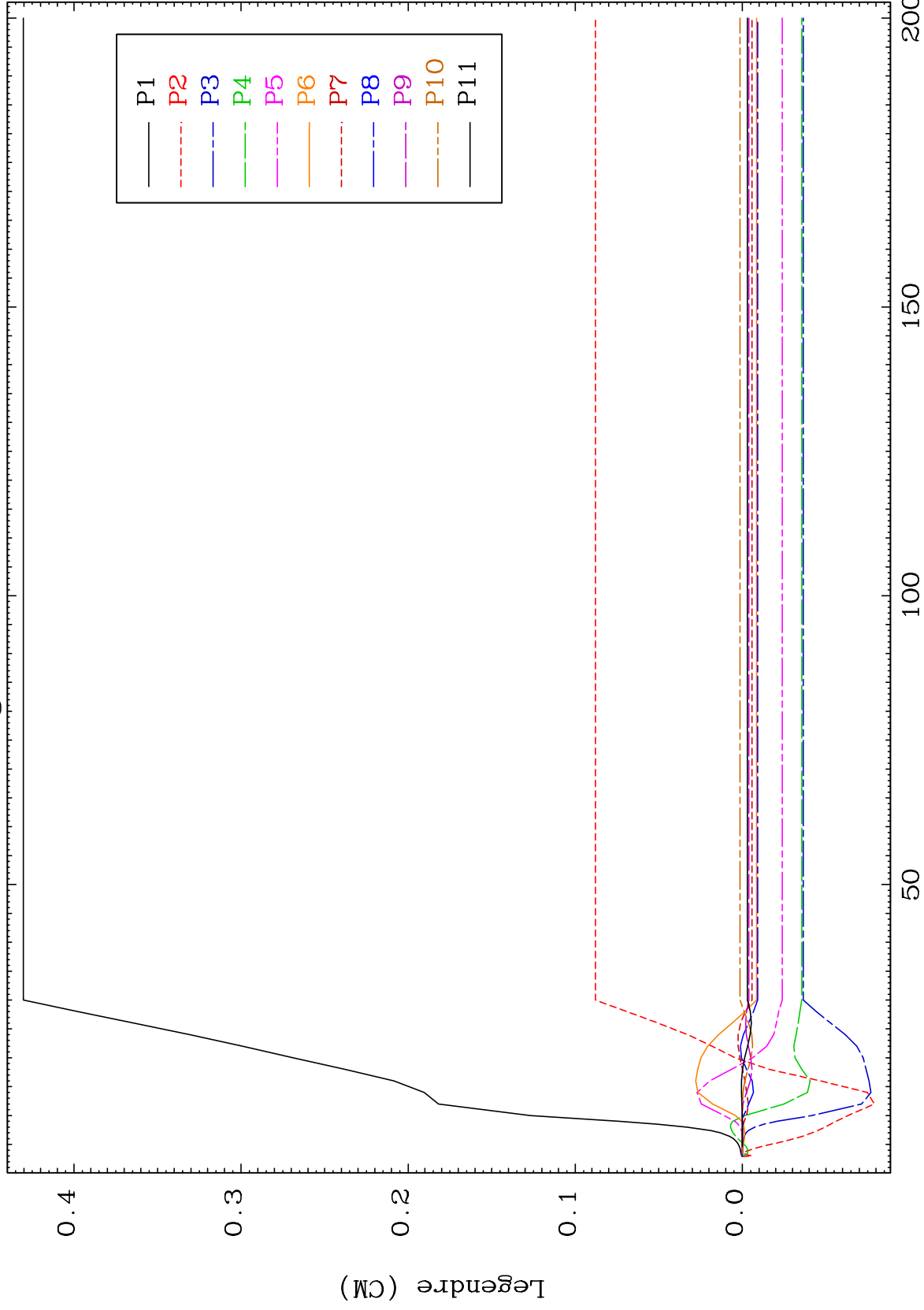




MAT 3249

2.850 MeV (n,n') Level  
Legendre Coefficients

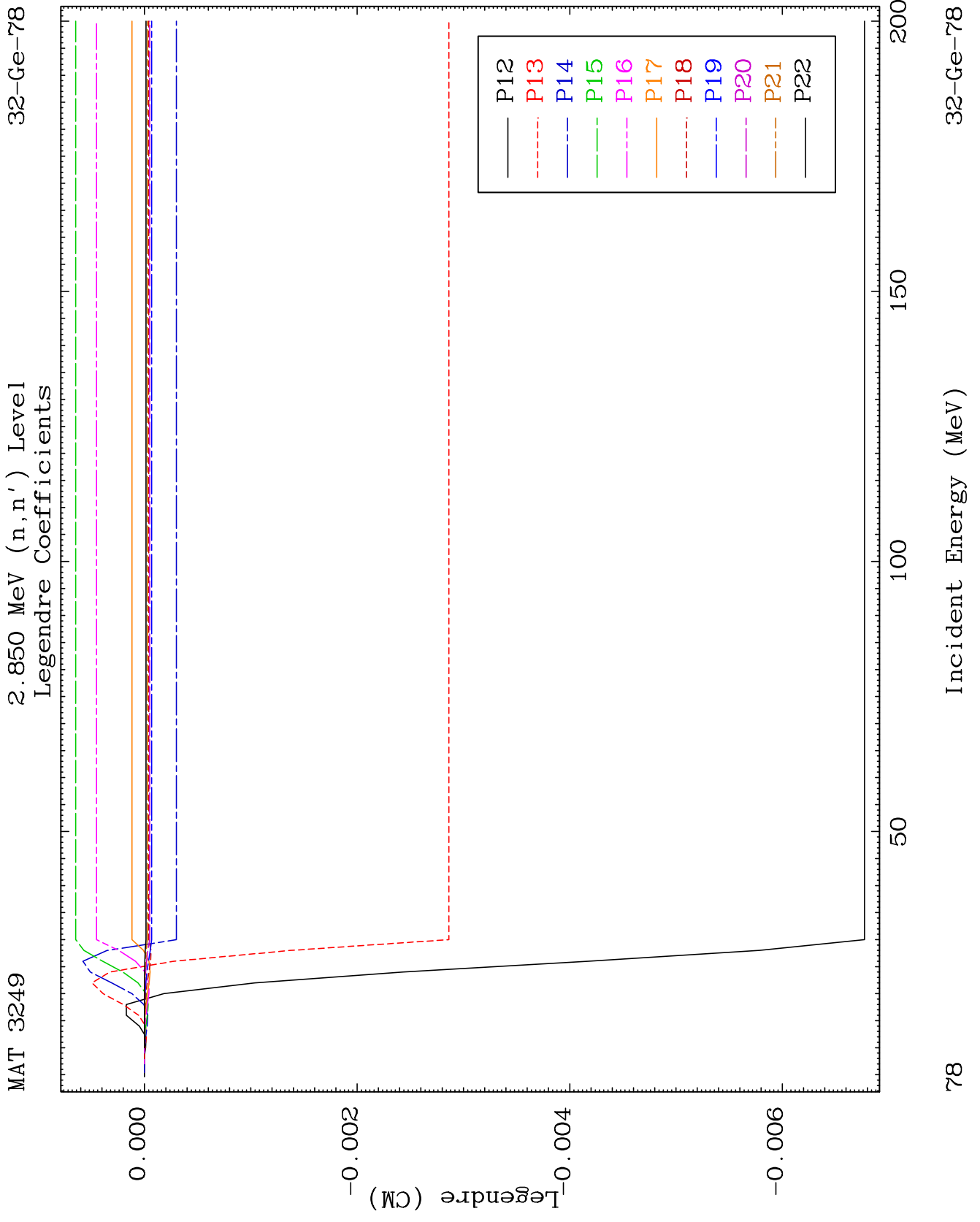
32-Ge-78



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Incident Energy (MeV)

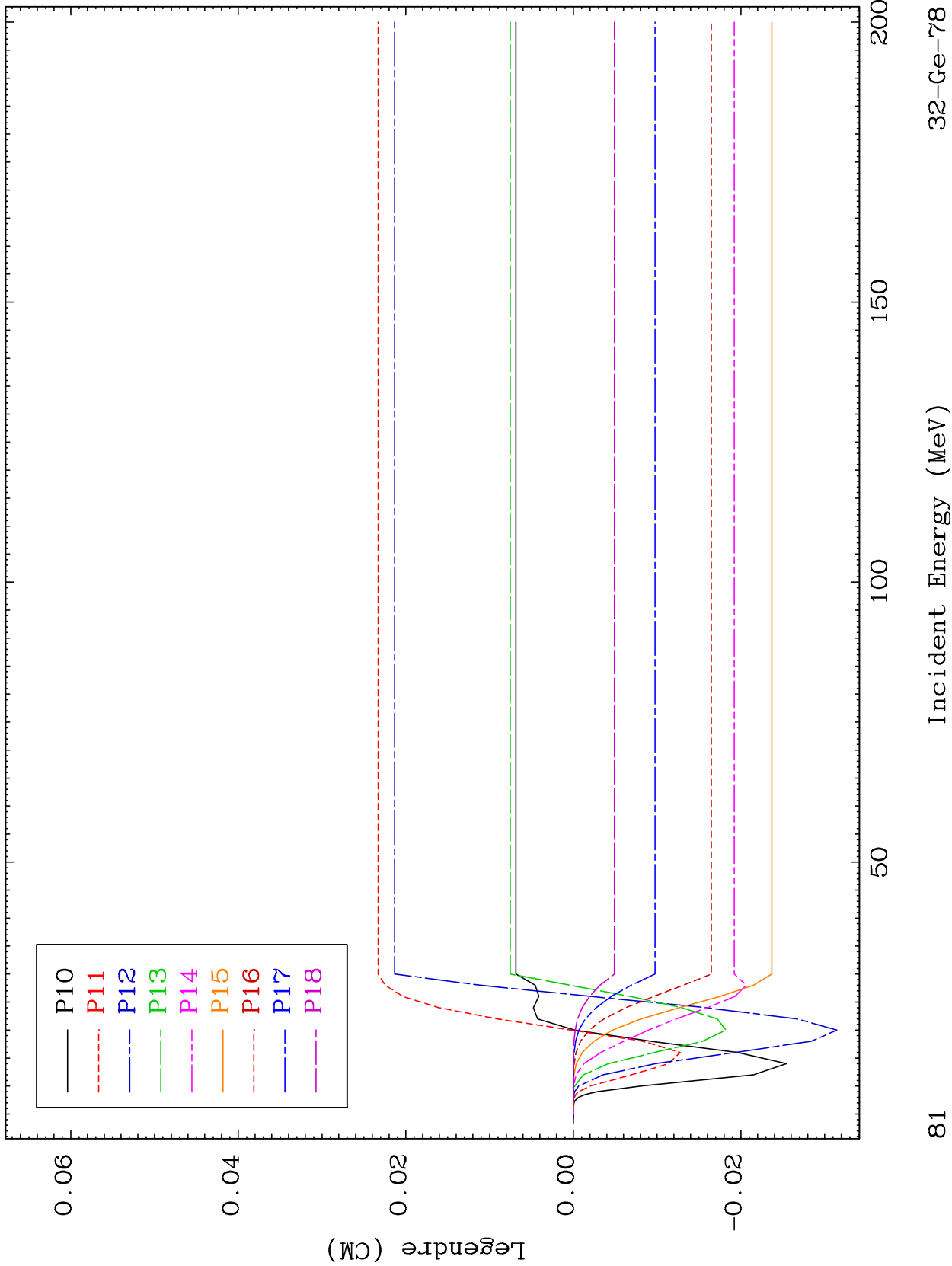
32-Ge-78

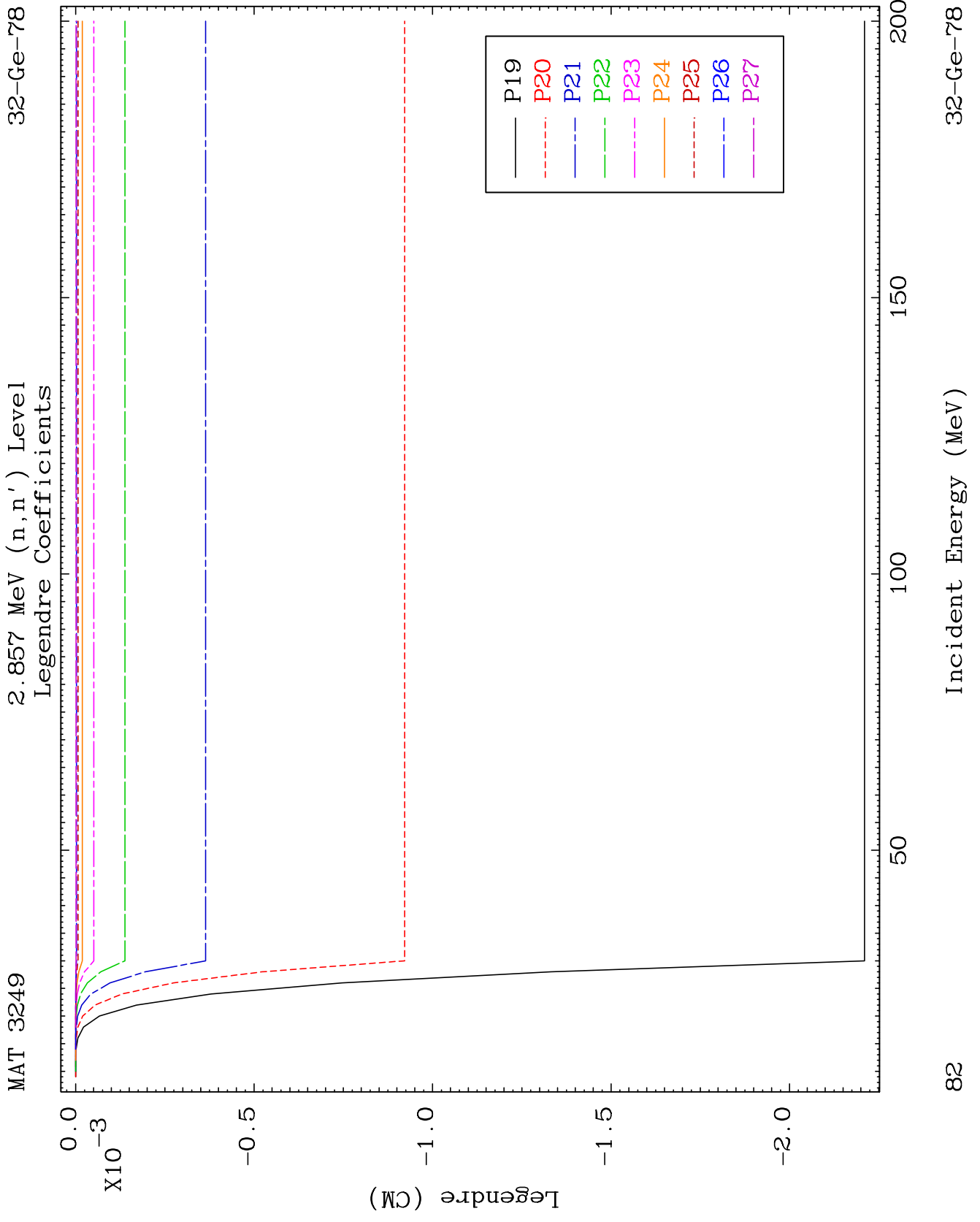


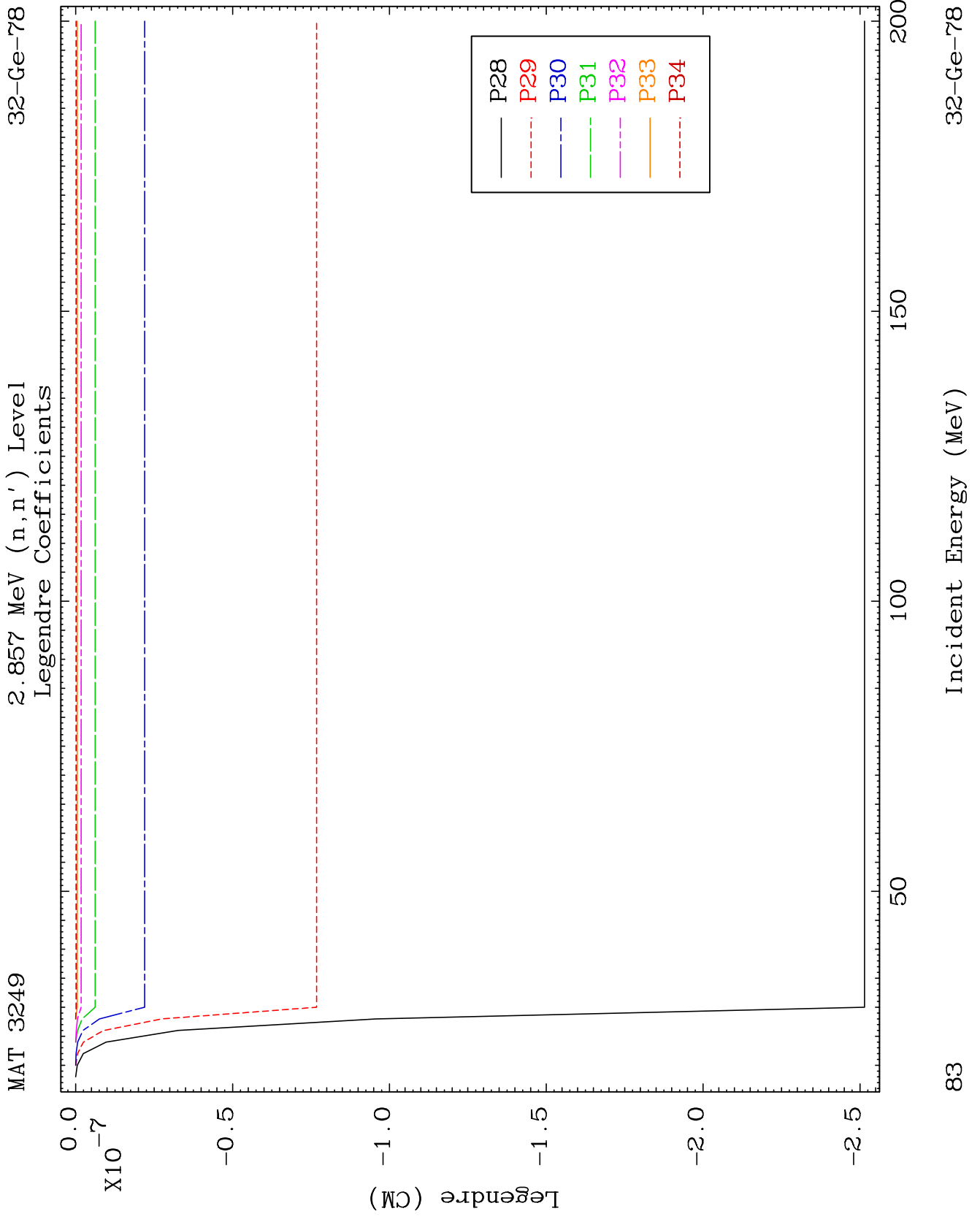








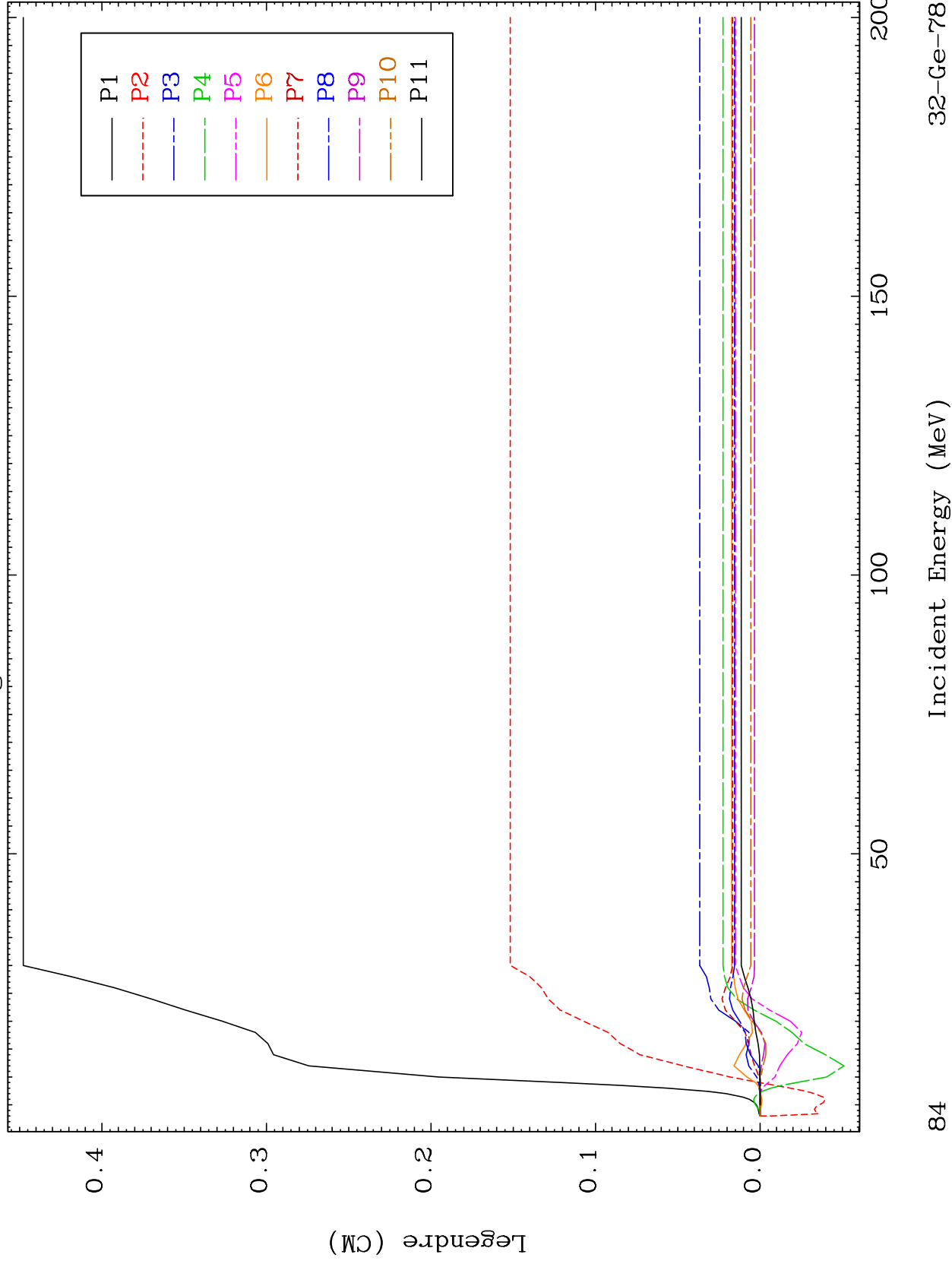




MAT 3249

2.953 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



84

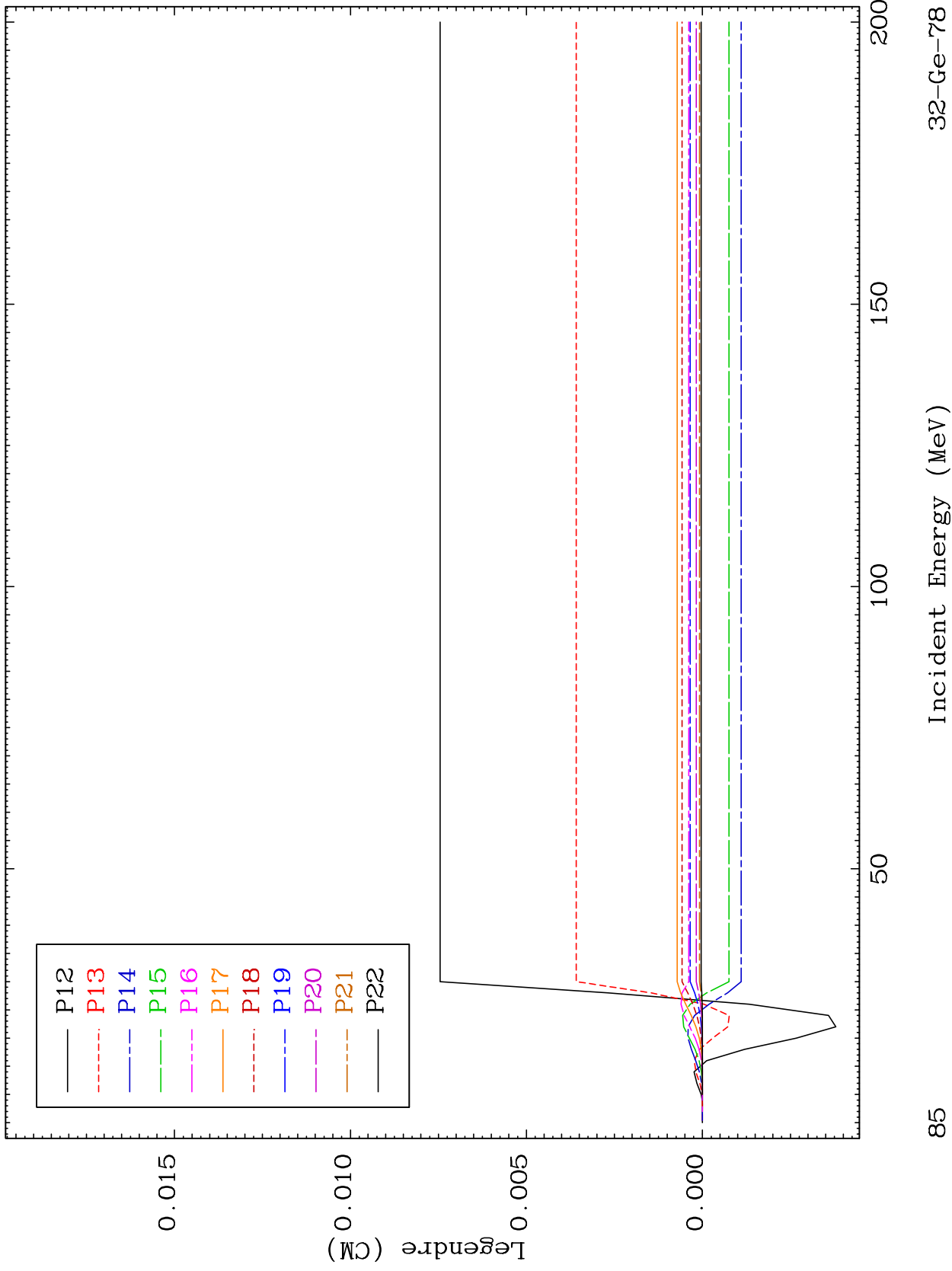
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.953 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



85

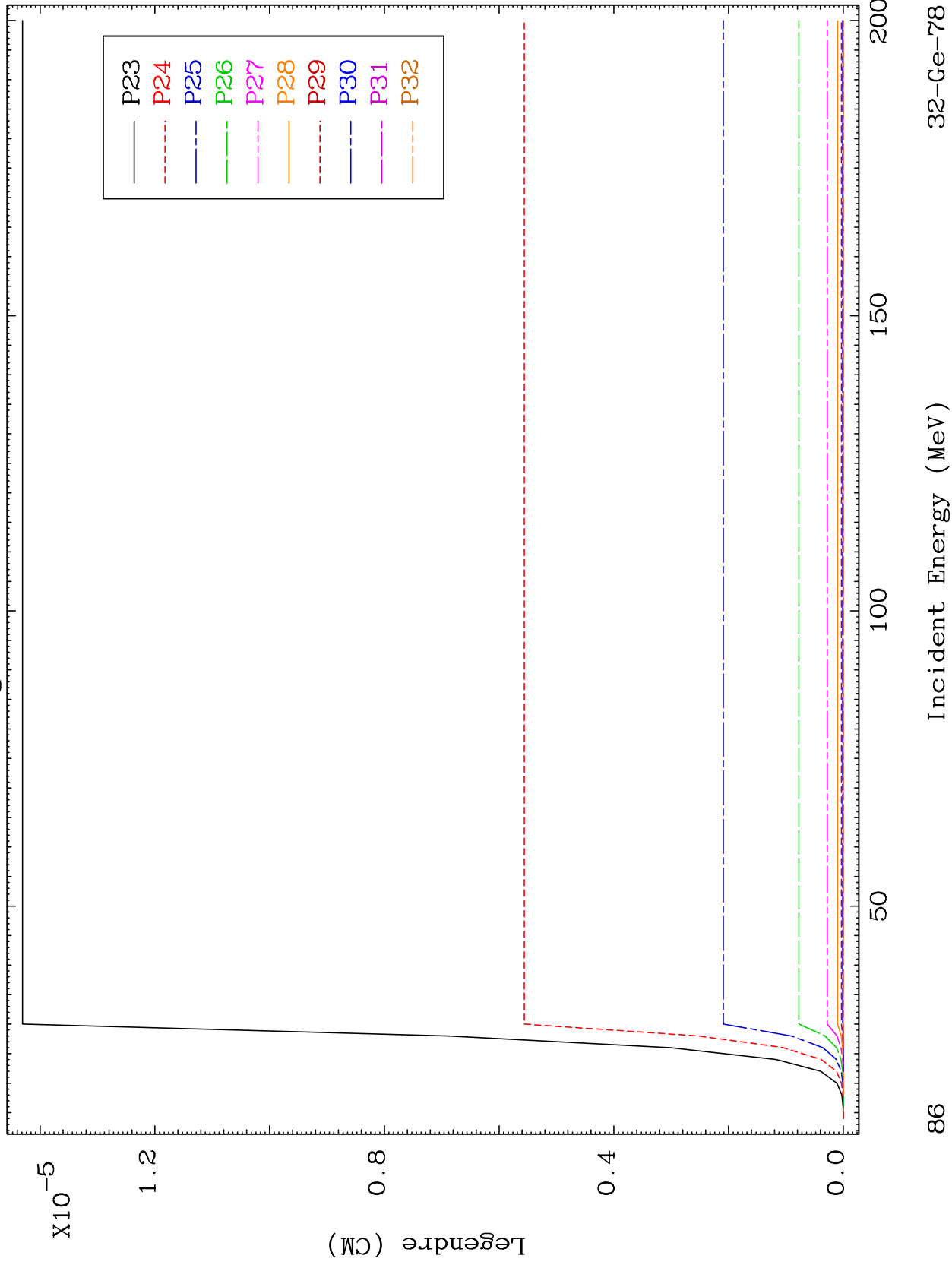
Incident Energy (MeV)

32-Ge-78

MAT 3249

2.953 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



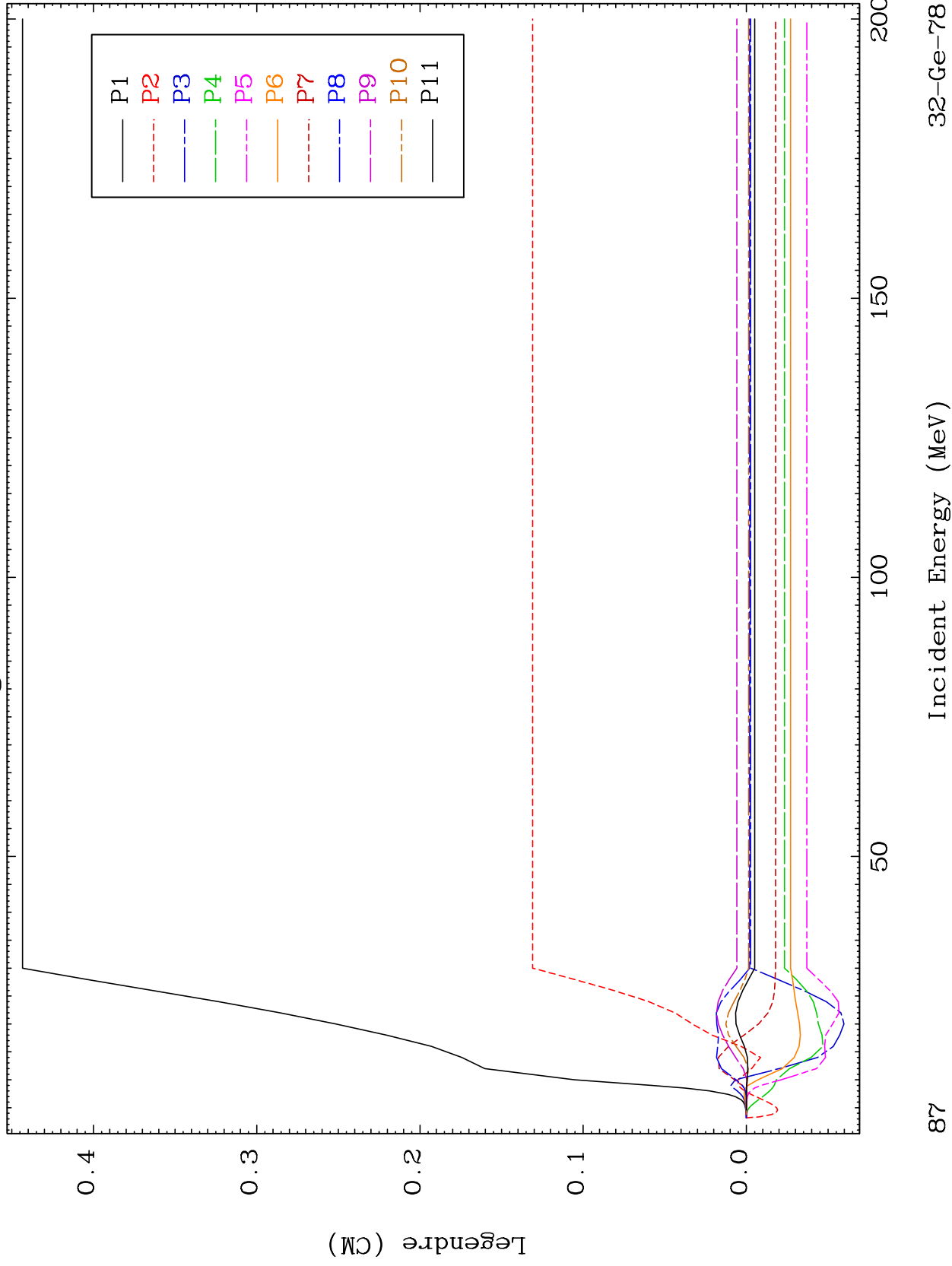
86

32-Ge-78

MAT 3249

3.121 MeV (n,n') Level  
Legendre Coefficients

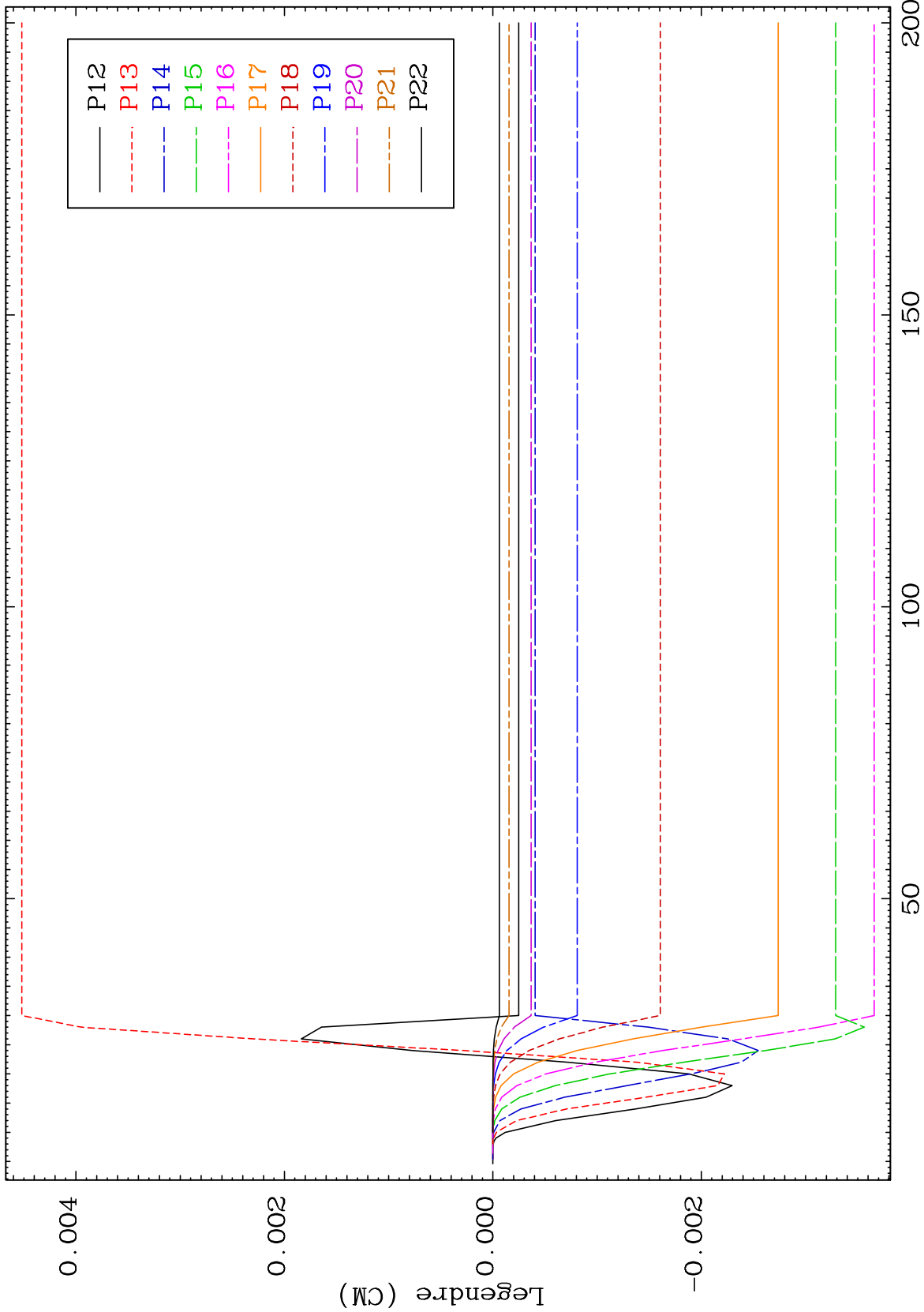
32-Ge-78

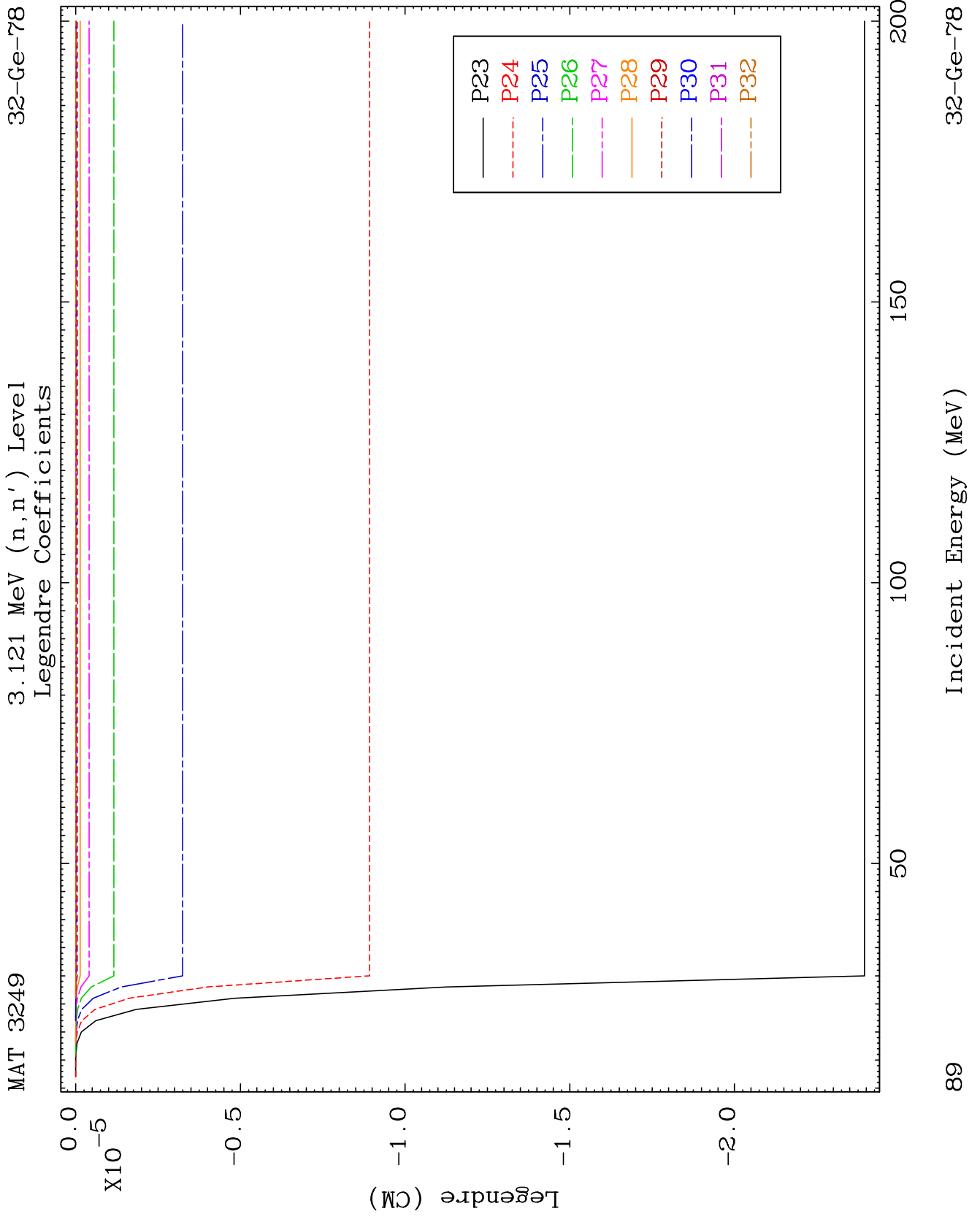


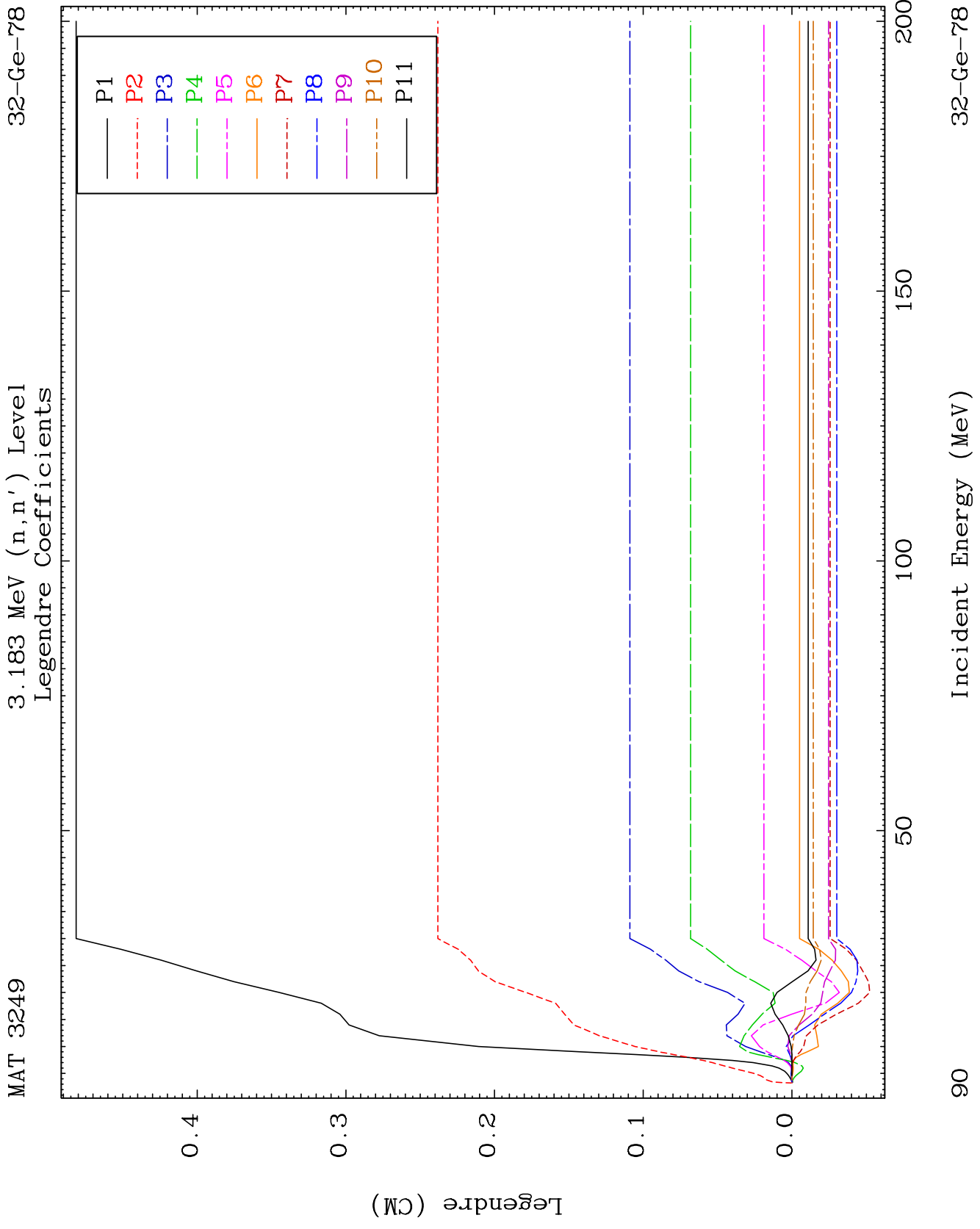
87

32-Ge-78





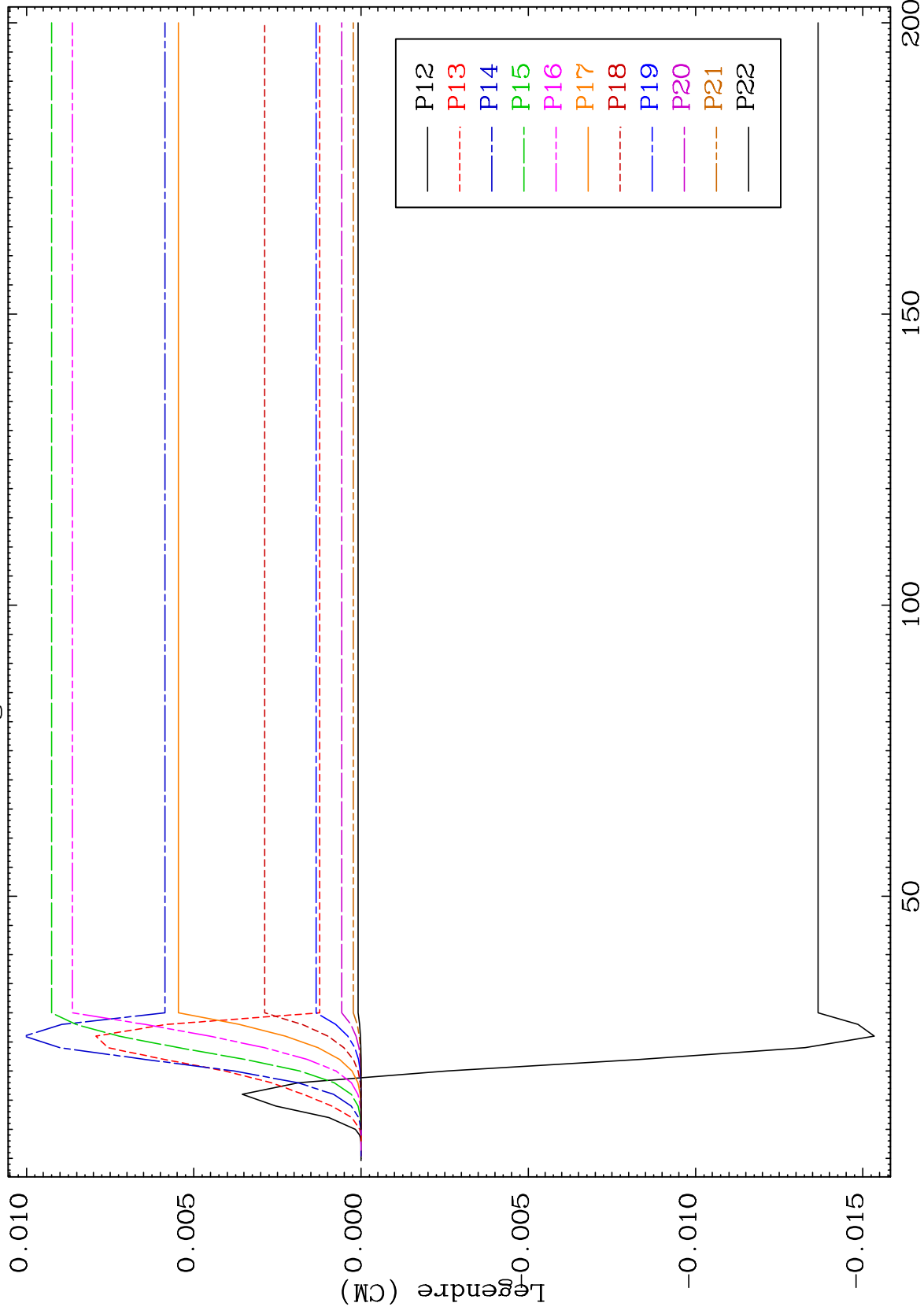




MAT 3249

3.183 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



91

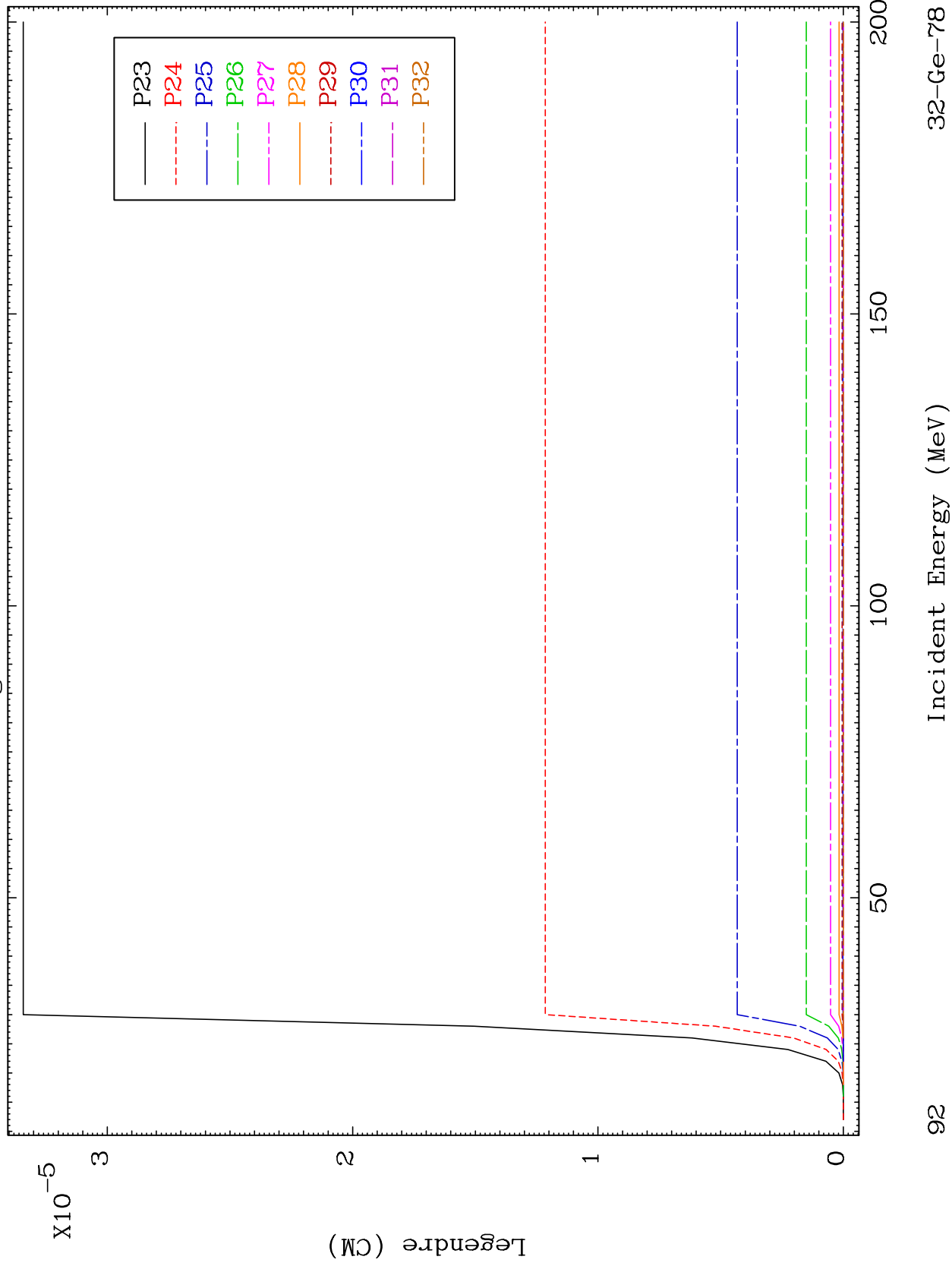
Incident Energy (MeV)

32-Ge-78

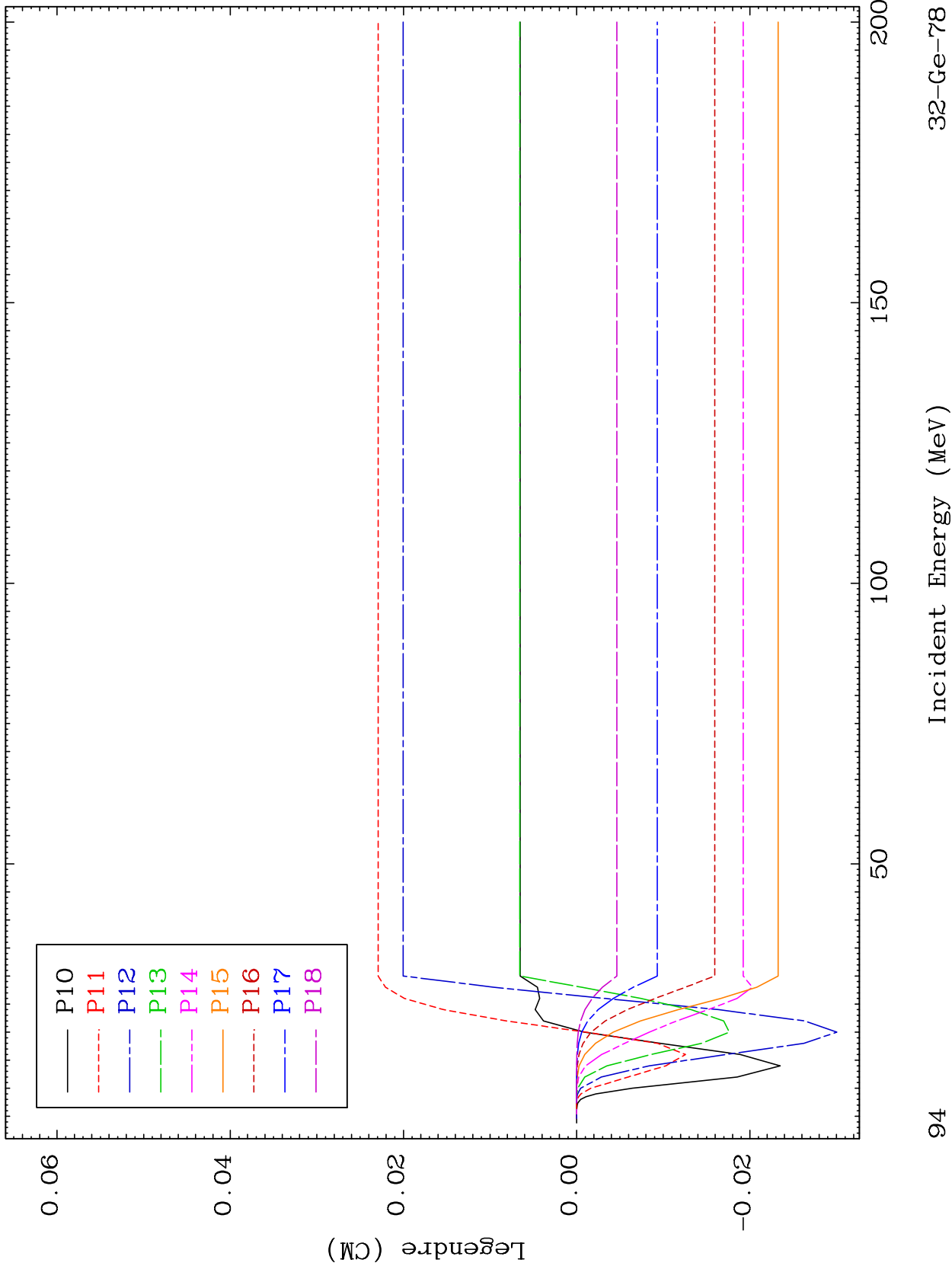
MAT 3249

3.183 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78

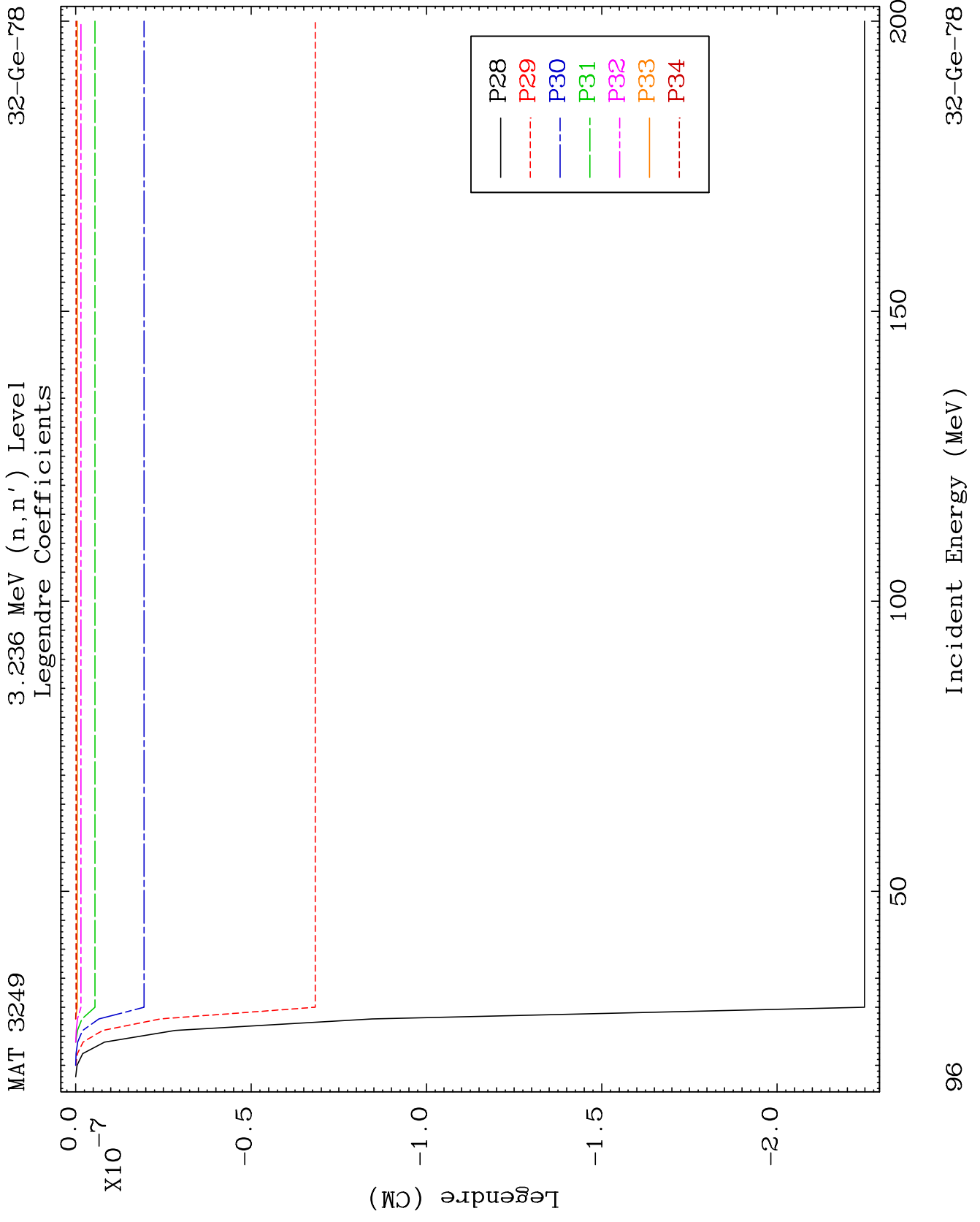








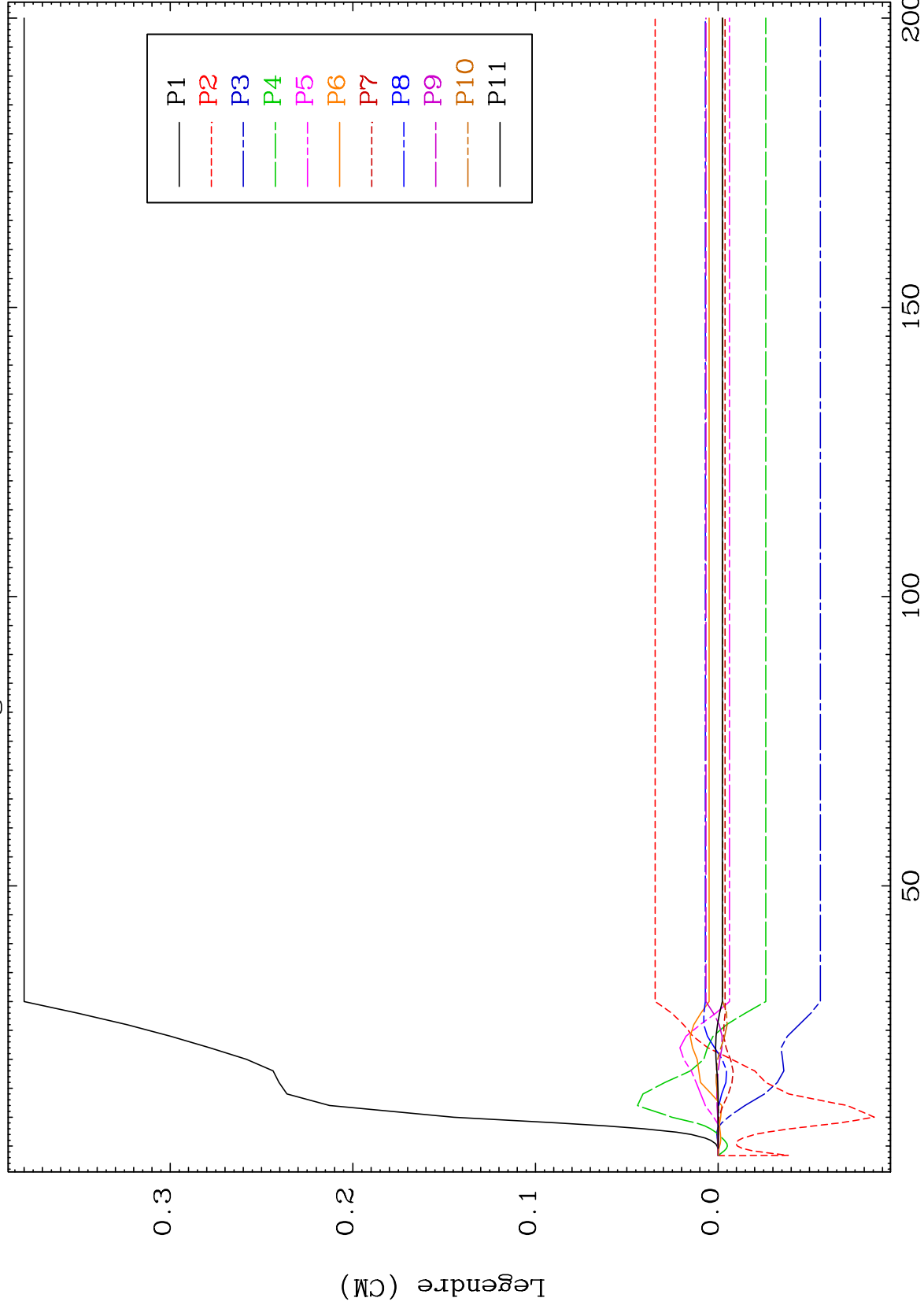




MAT 3249

3.287 MeV (n, n') Level  
Legendre Coefficients

32-Ge-78



97

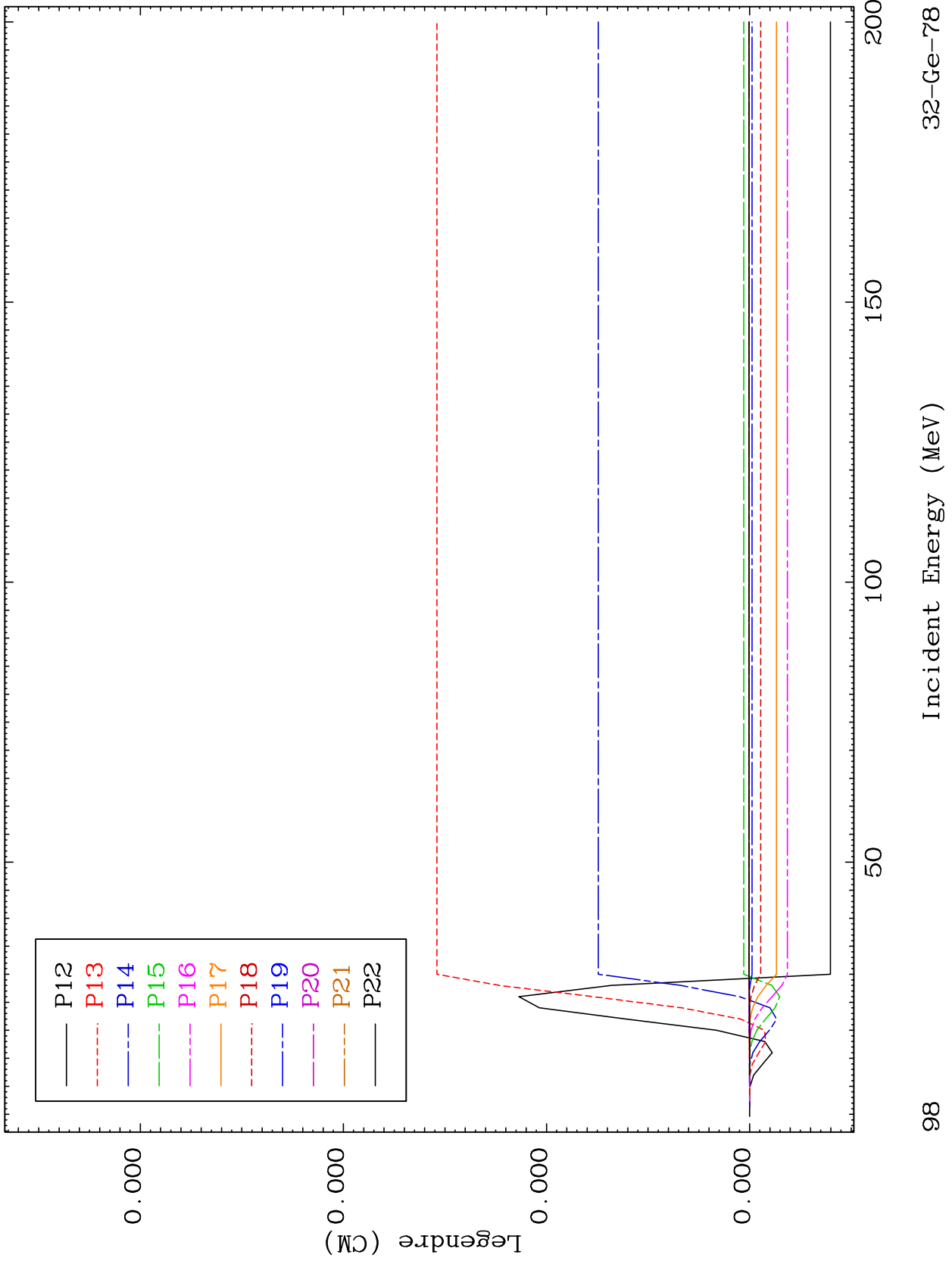
Incident Energy (MeV)

32-Ge-78

MAT 3249

3.287 MeV (n,n') Level  
Legendre Coefficients

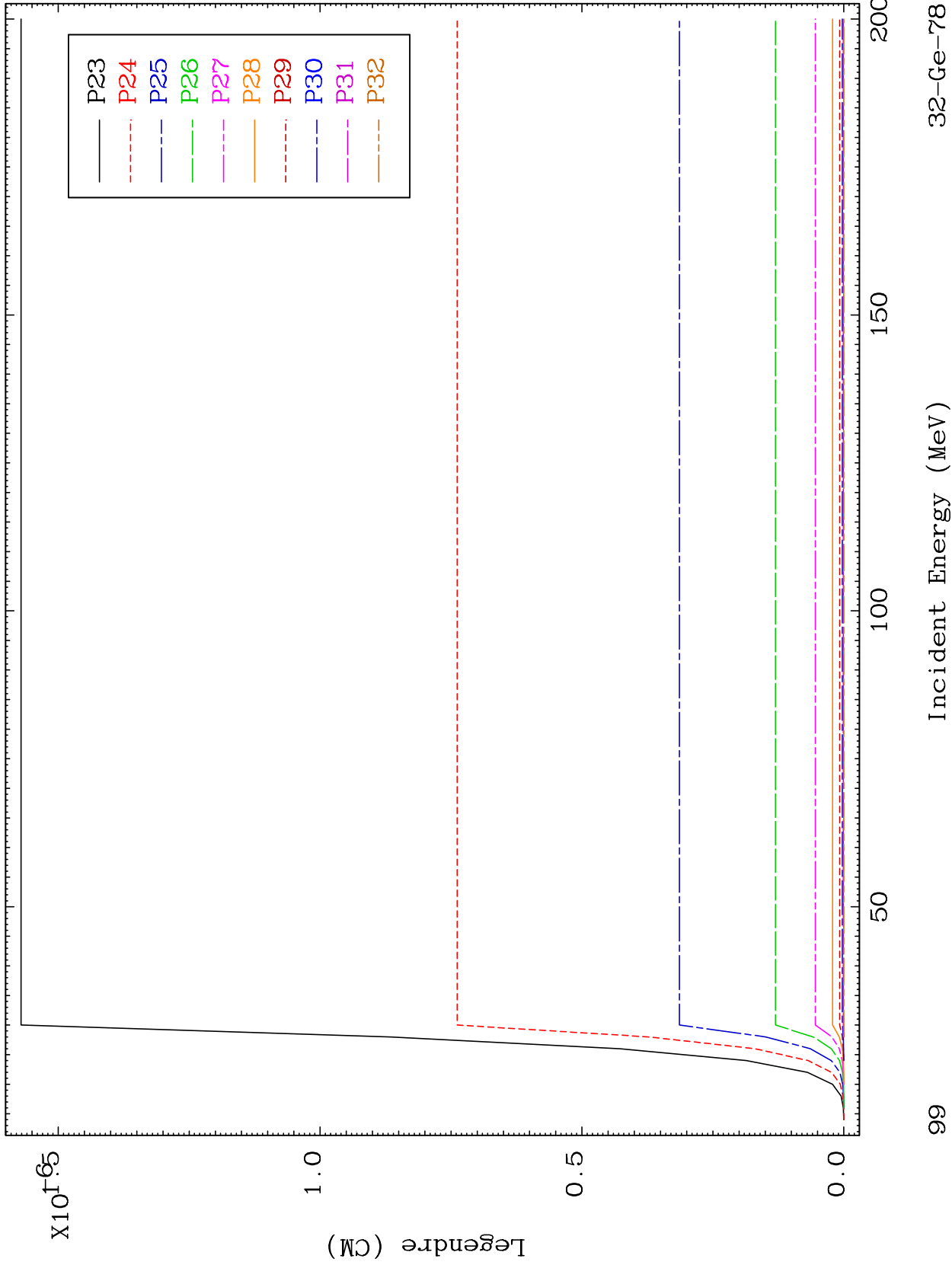
32-Ge-78



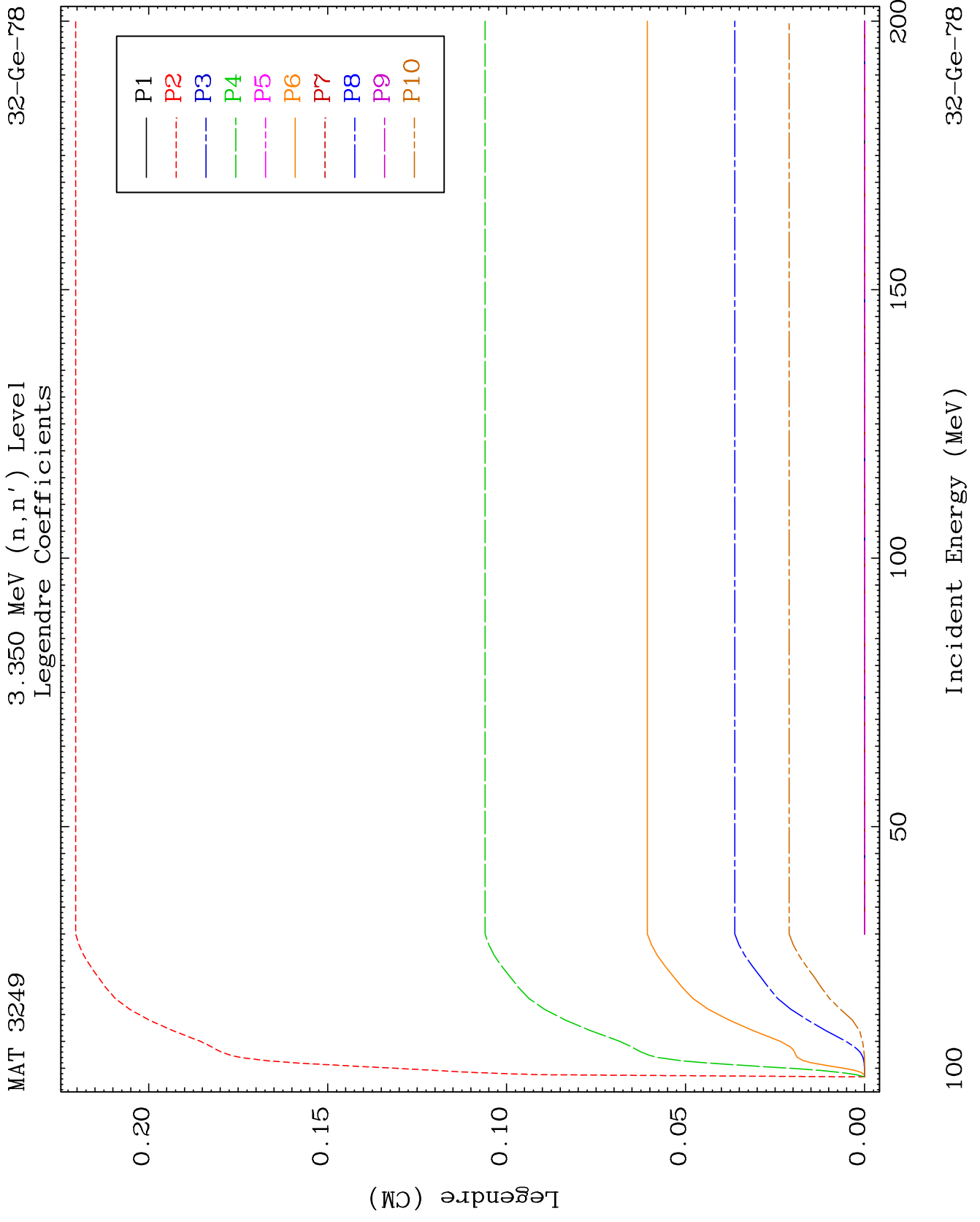
MAT 3249

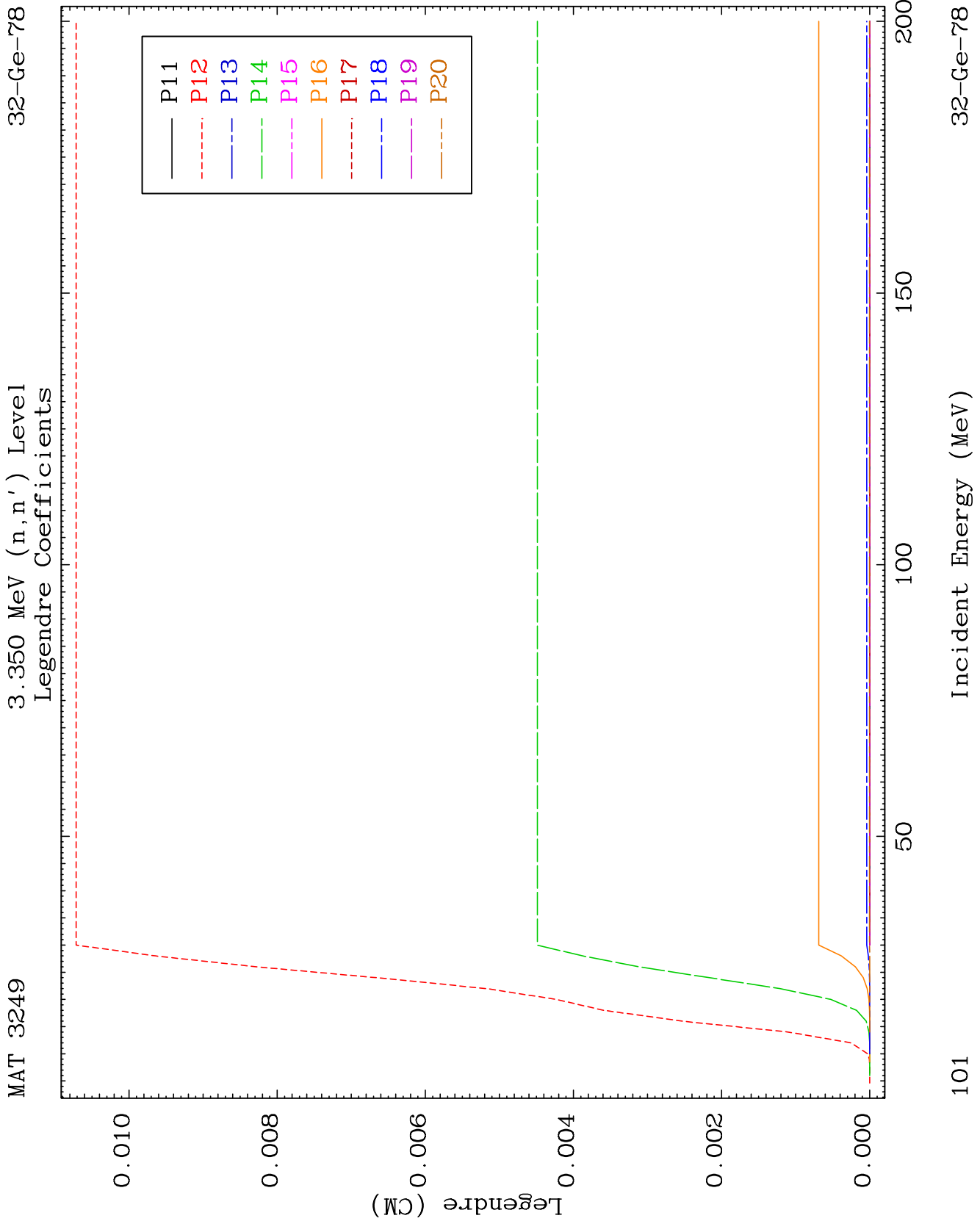
3.287 MeV (n, n') Level  
Legendre Coefficients

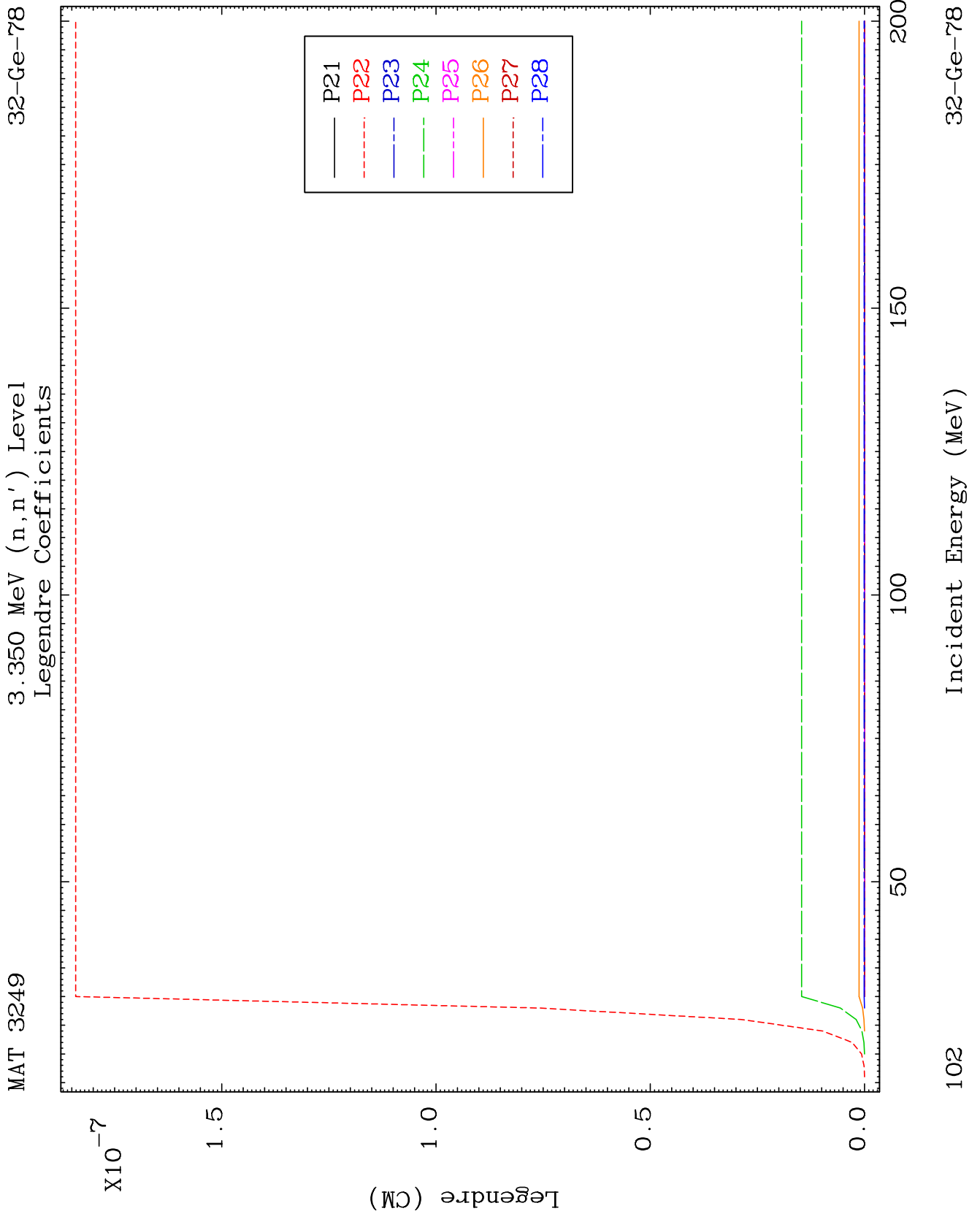
32-Ge-78

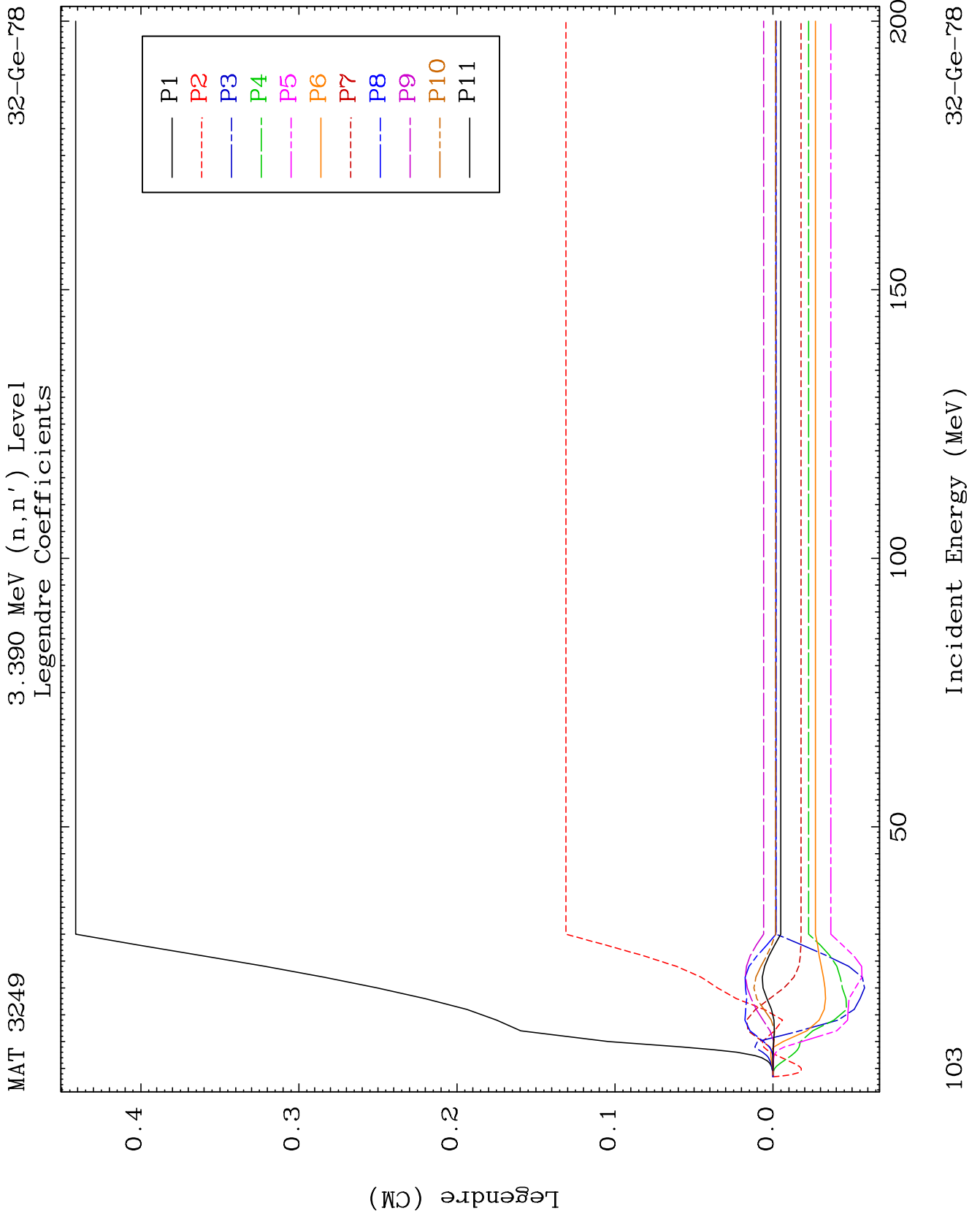


99

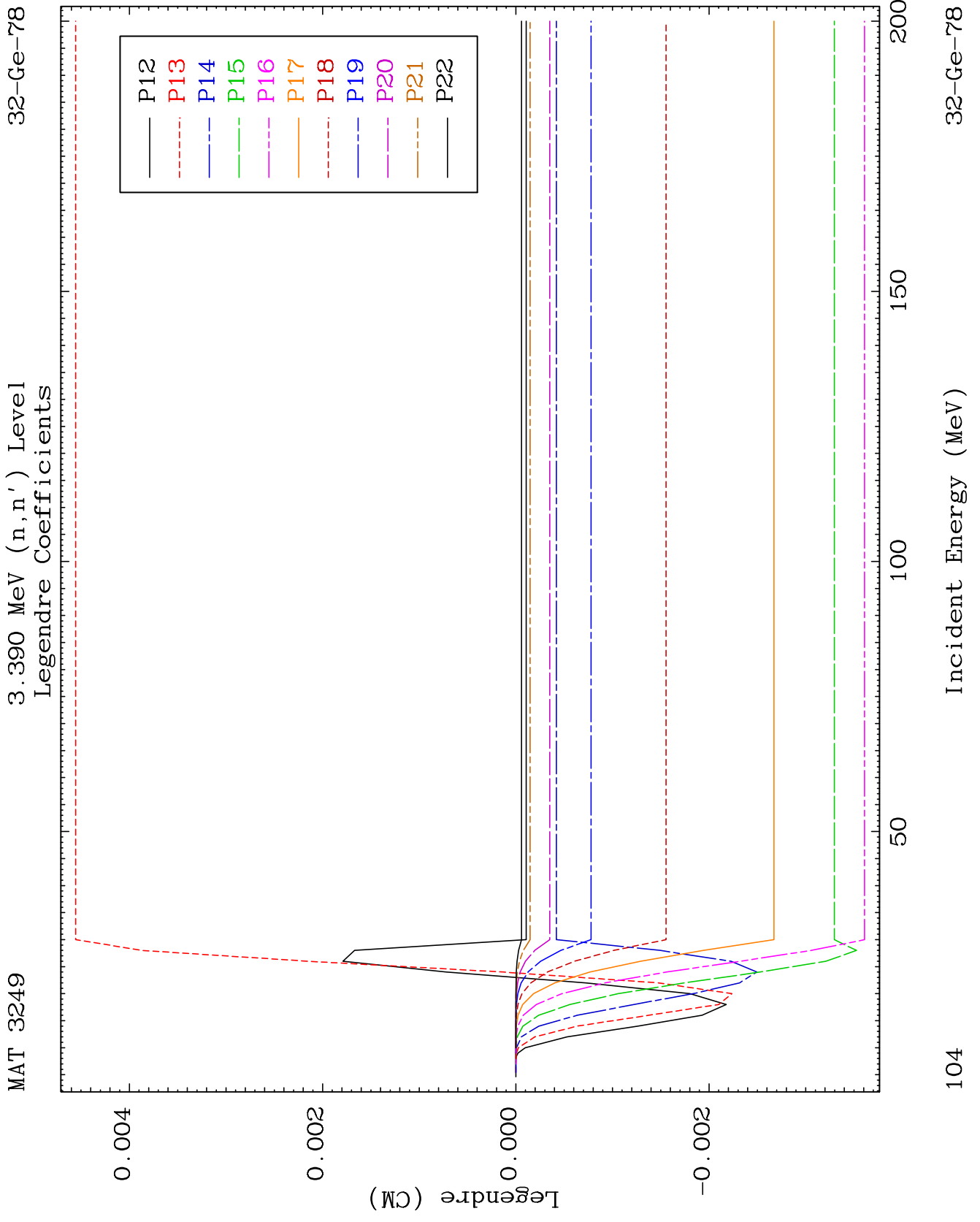


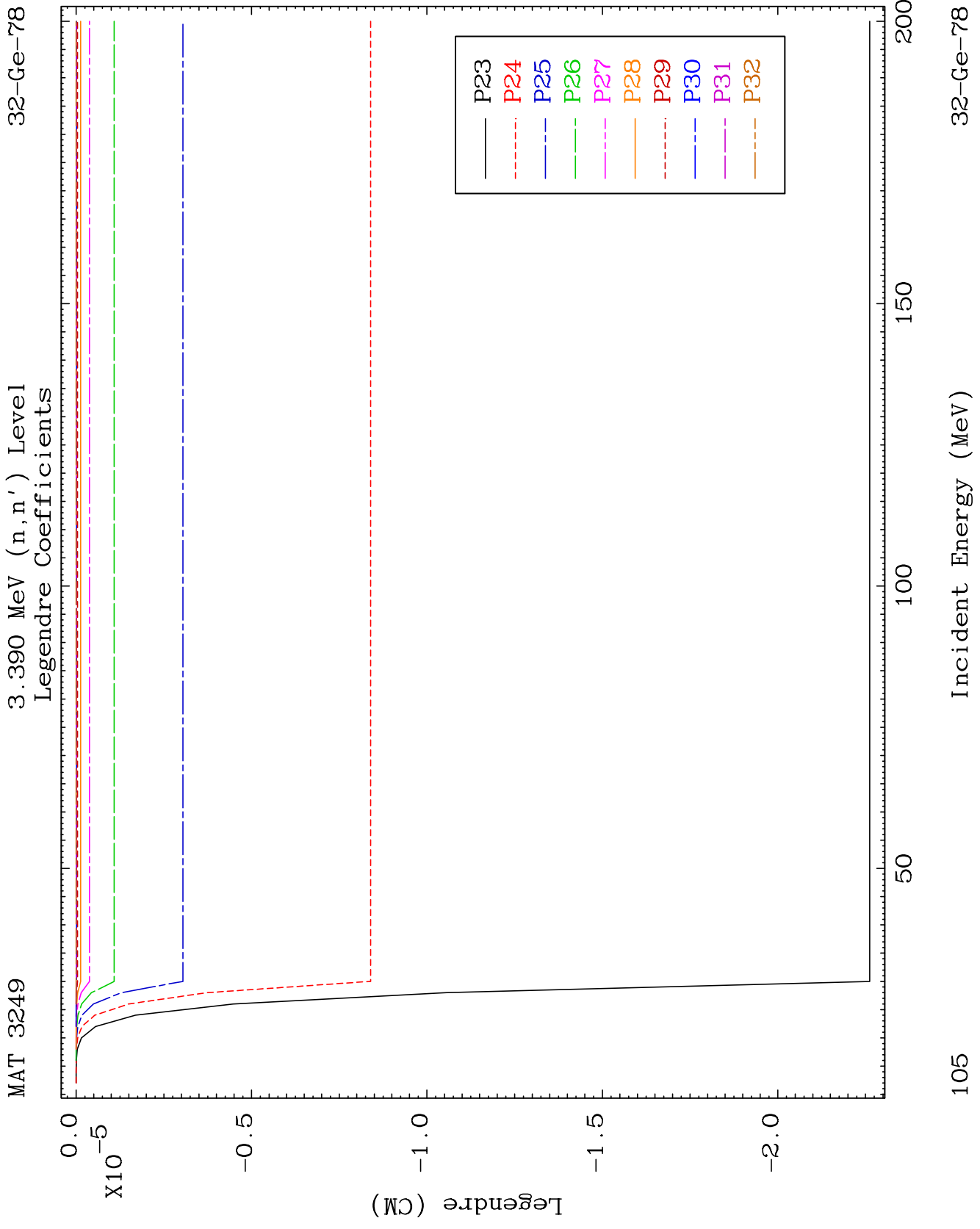


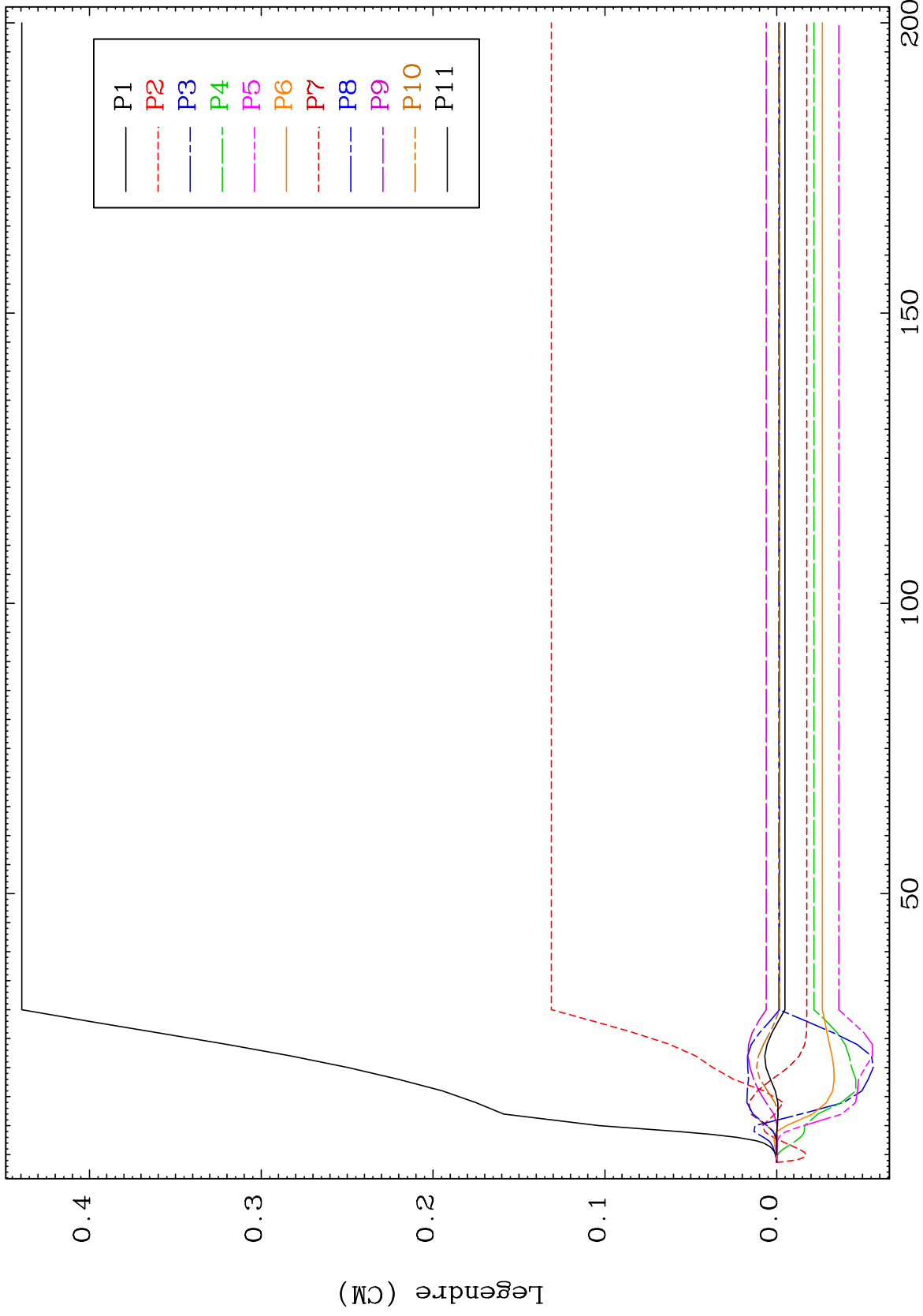








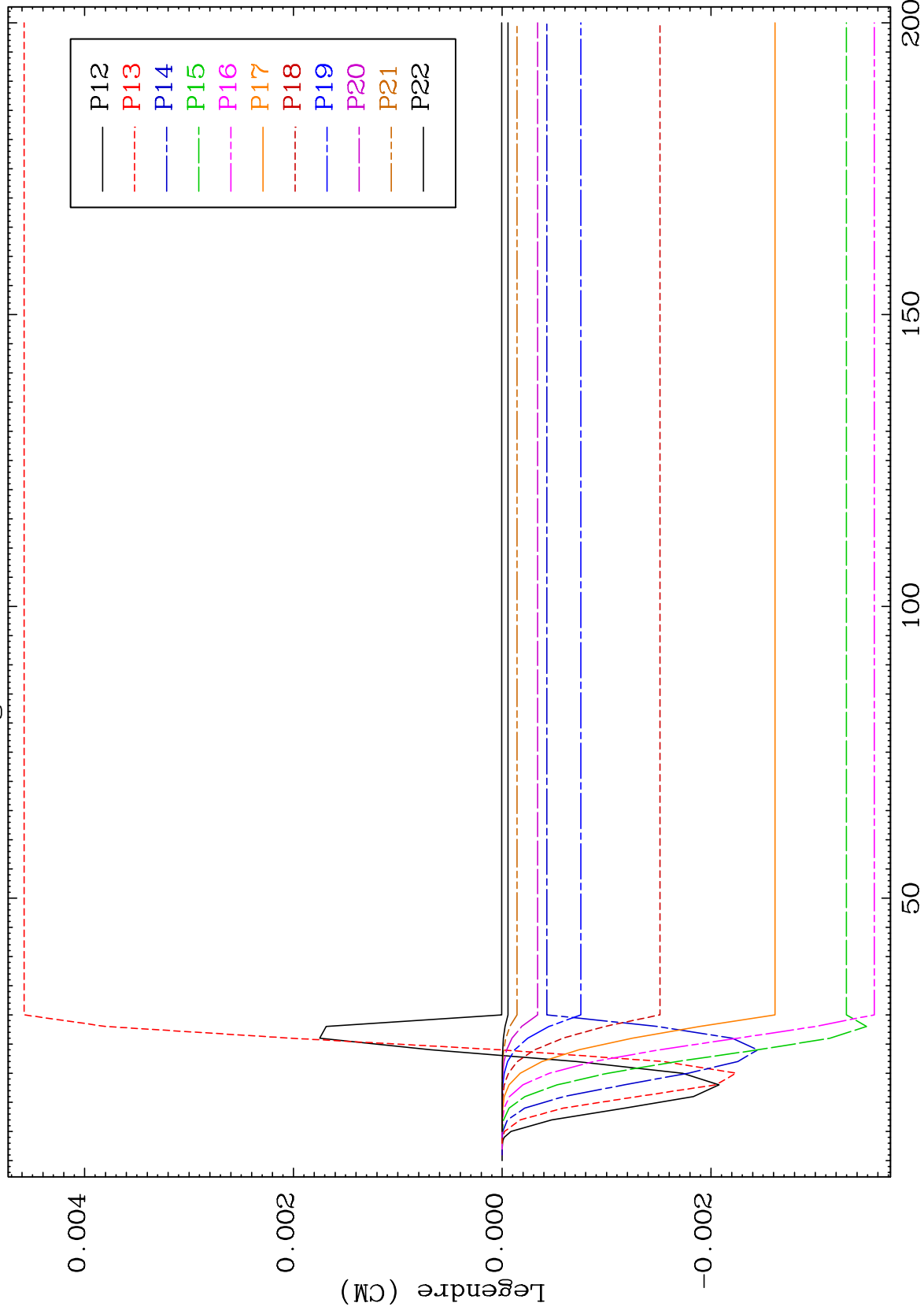




MAT 3249

3.615 MeV (n,n') Level  
Legendre Coefficients

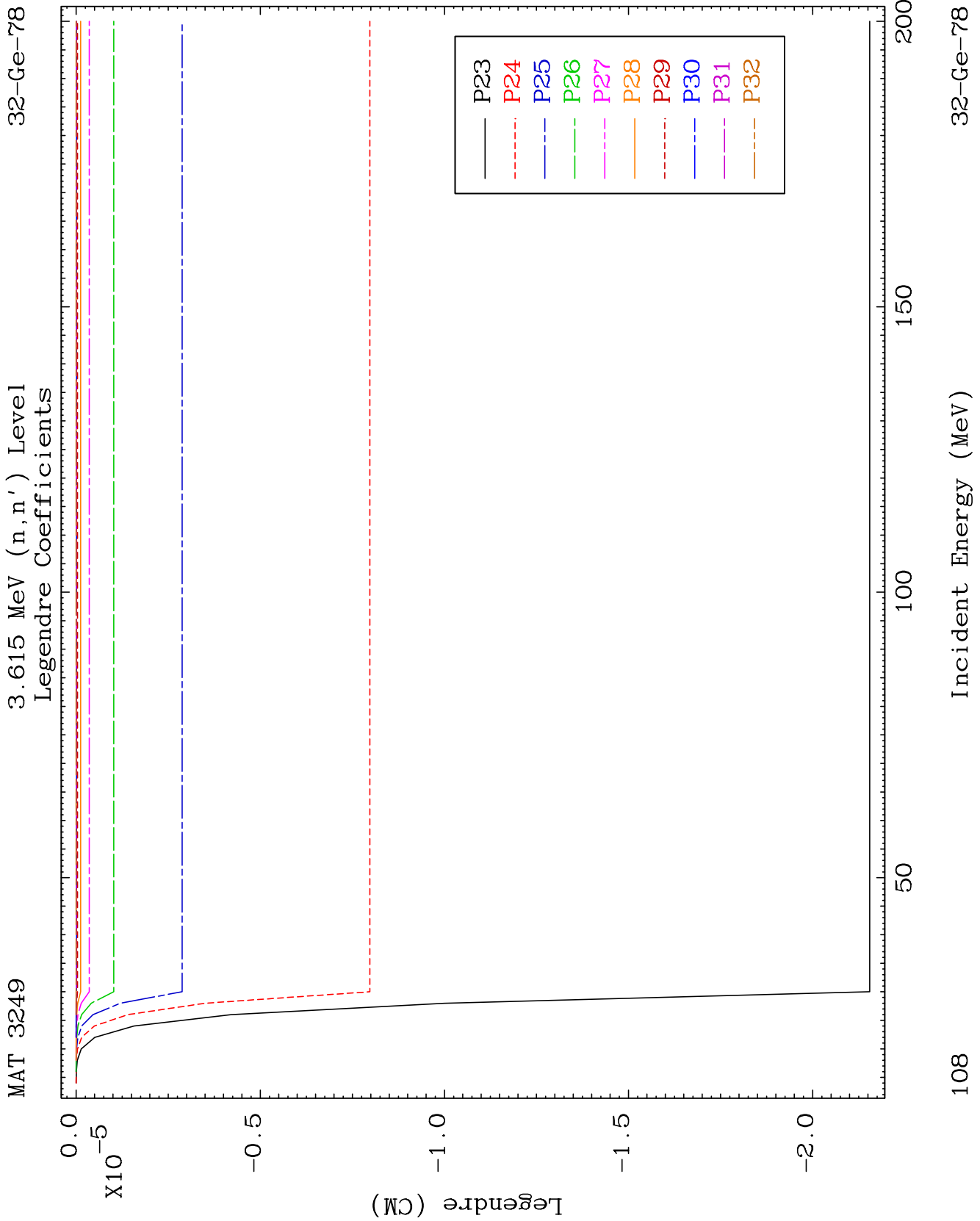
32-Ge-78



107

Incident Energy (MeV)

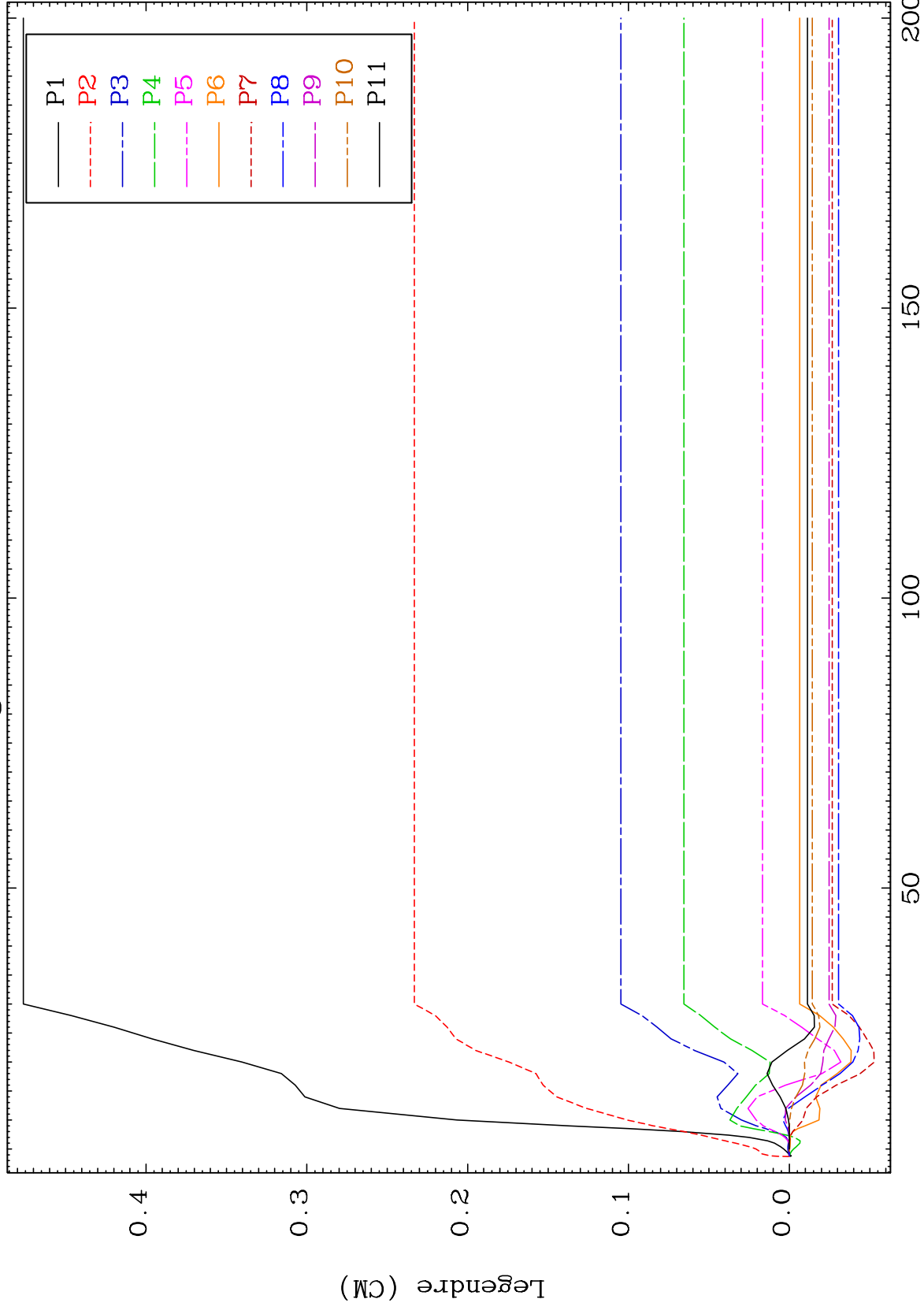
32-Ge-78



MAT 3249

3.638 MeV (n,n') Level  
Legendre Coefficients

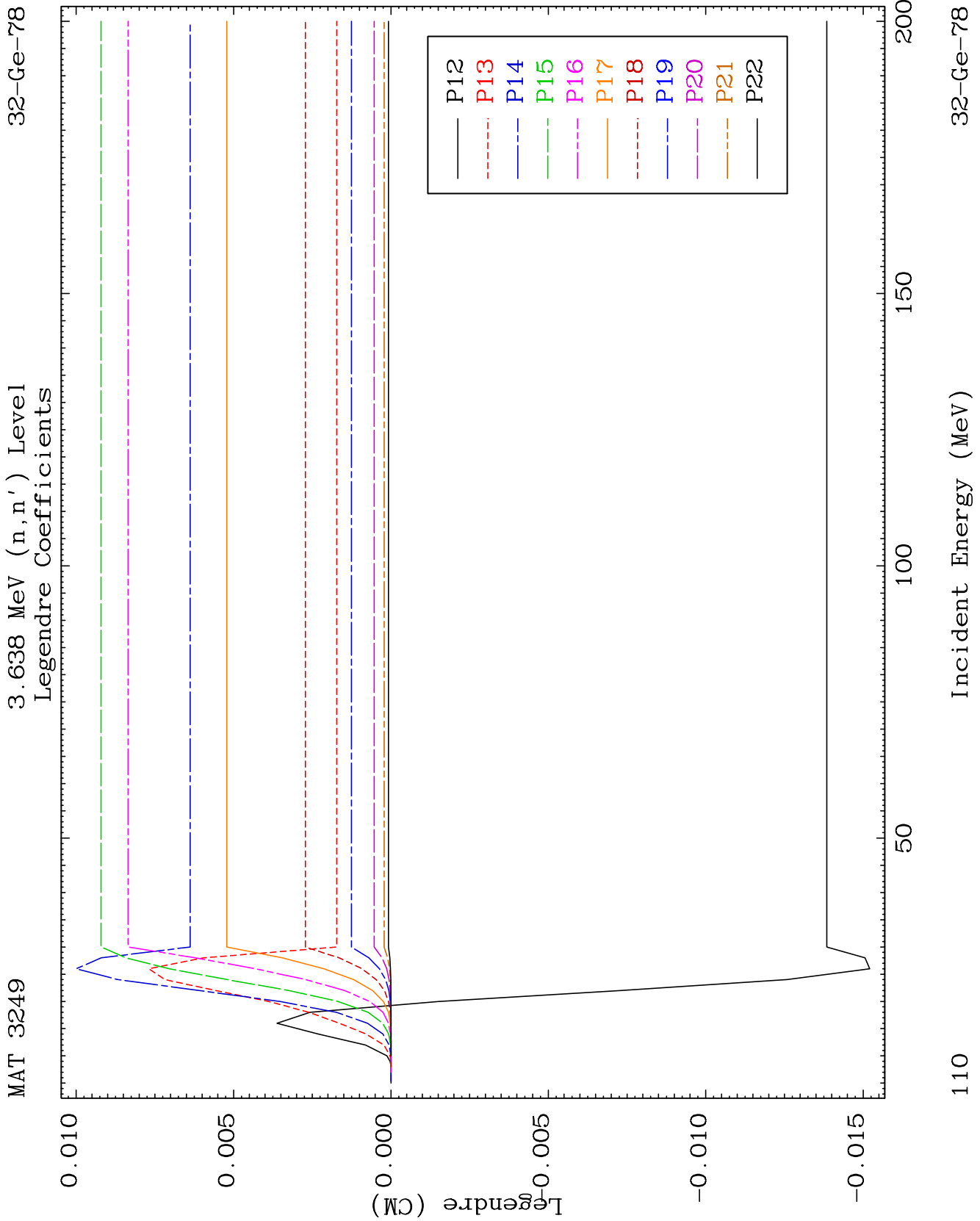
32-Ge-78



109

Incident Energy (MeV)

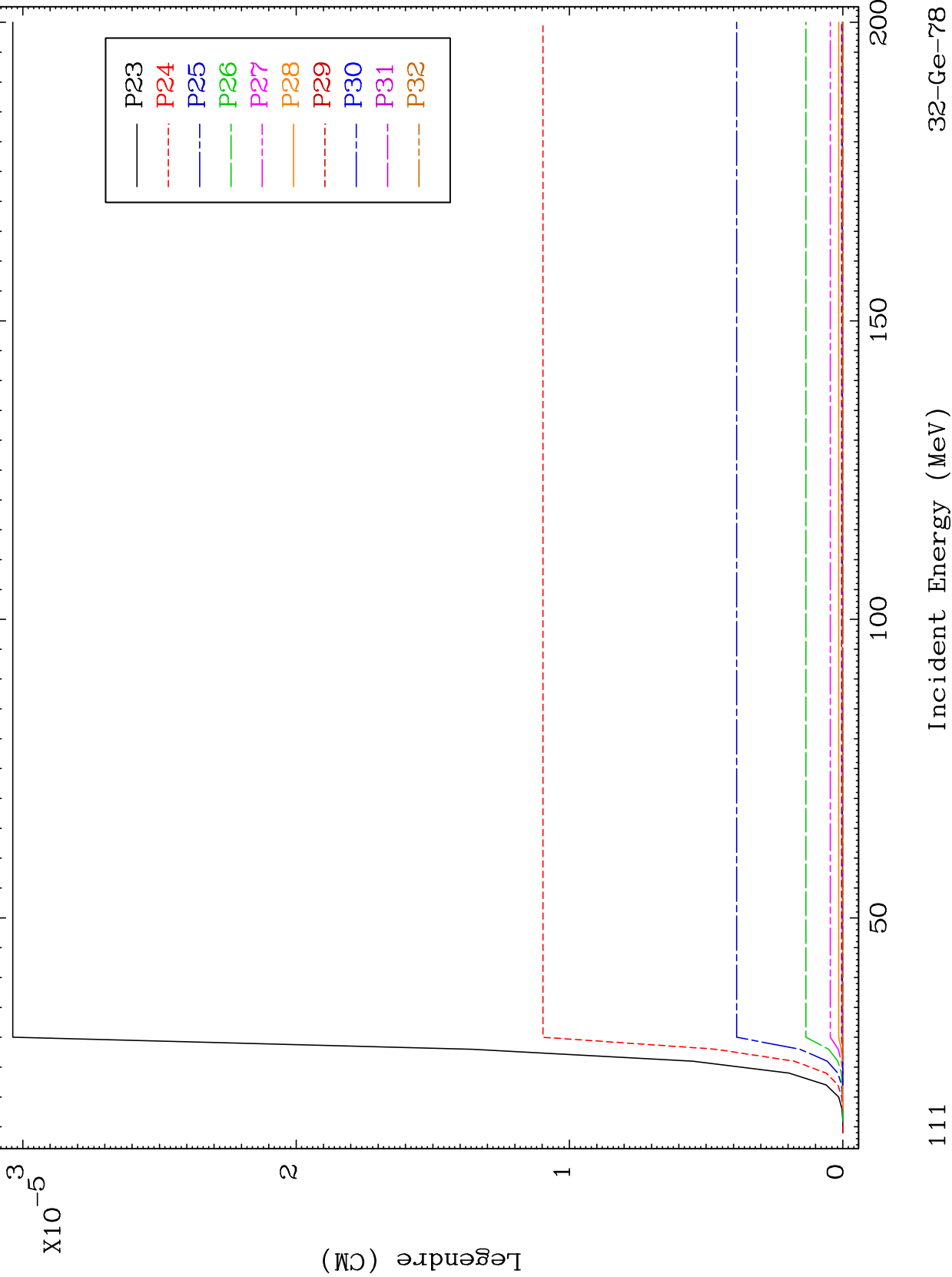
32-Ge-78



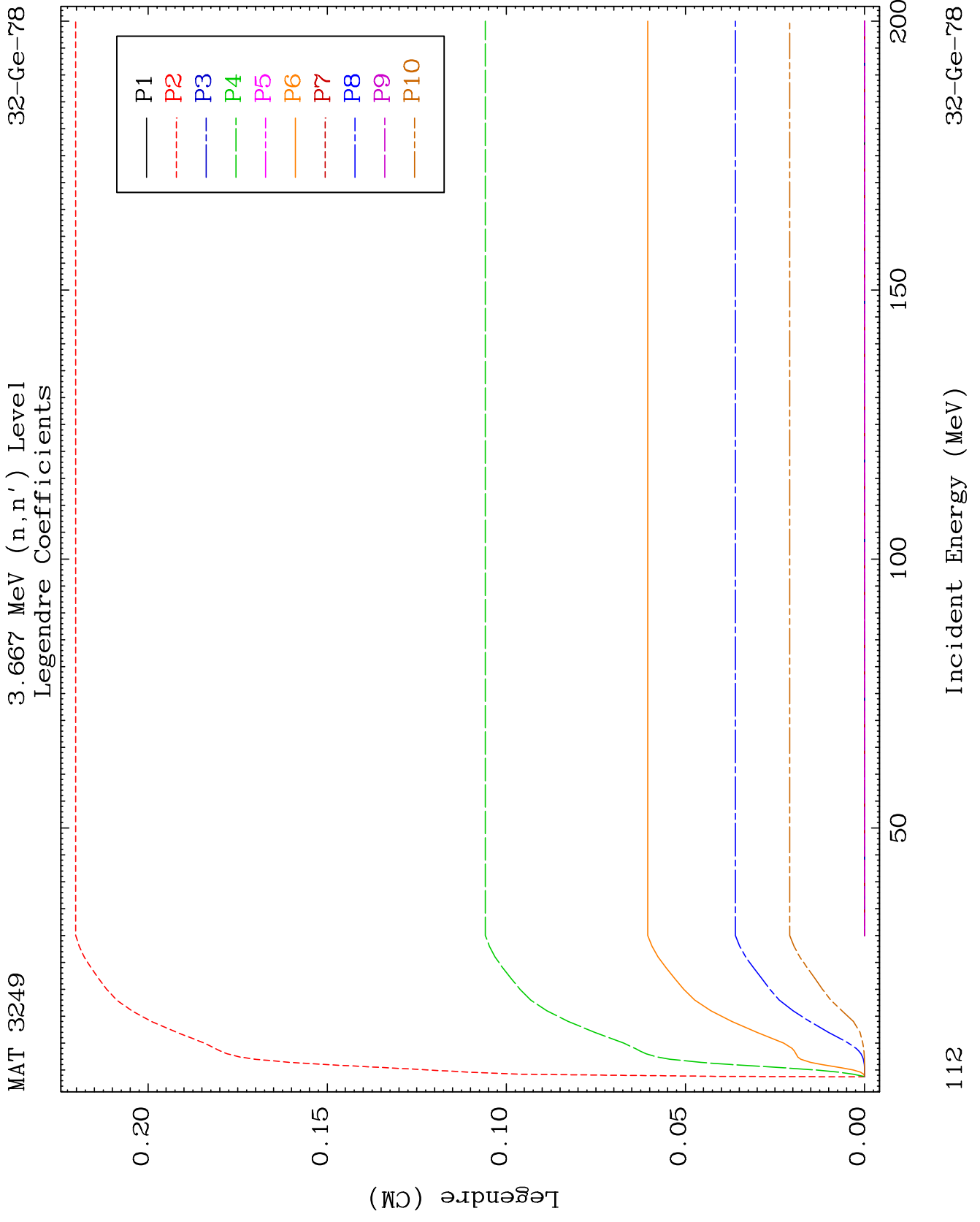
MAT 3249

3.638 MeV (n,n') Level  
Legendre Coefficients

32-Ge-78



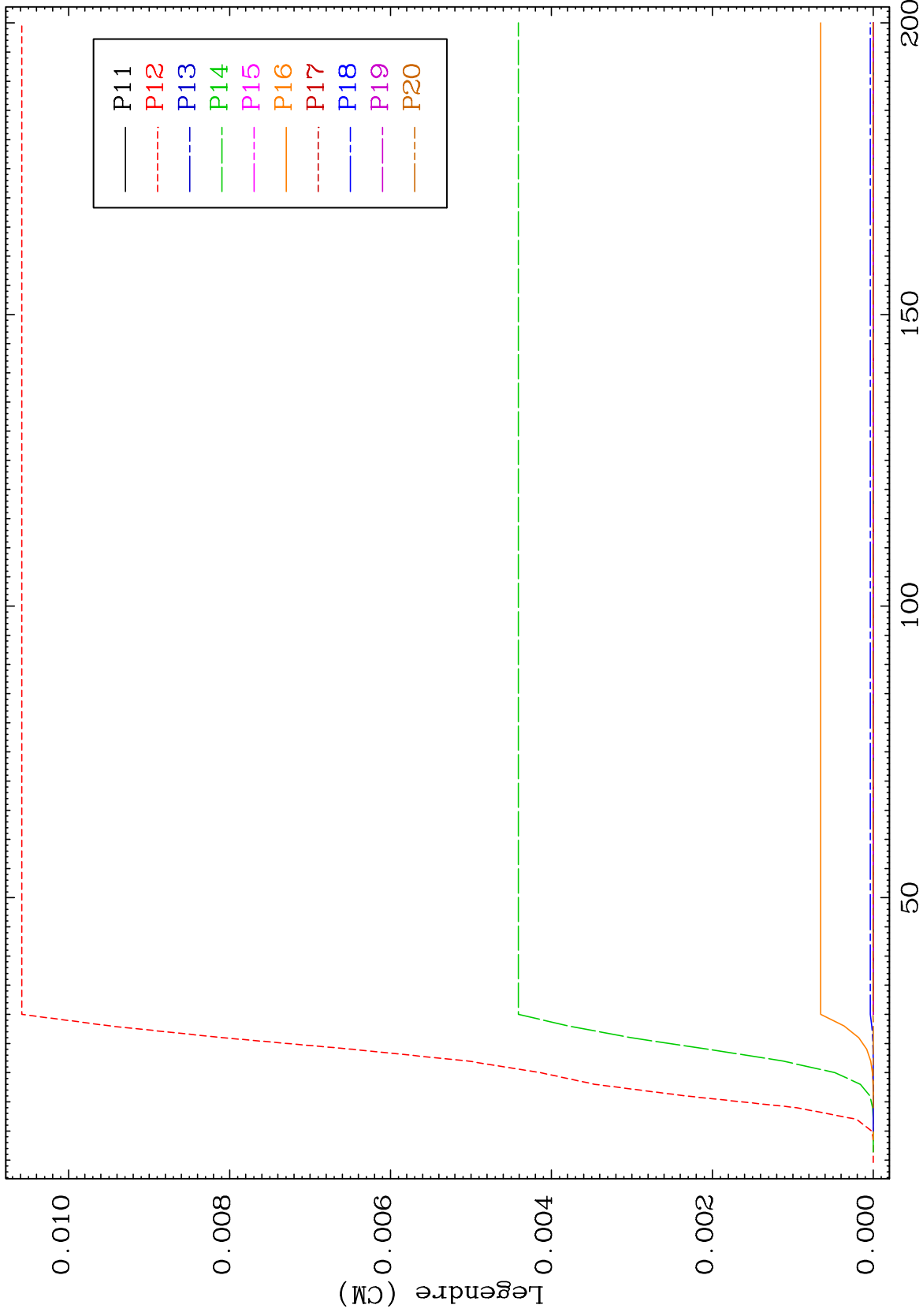




MAT 3249

3.667 MeV (n,n') Level  
Legendre Coefficients

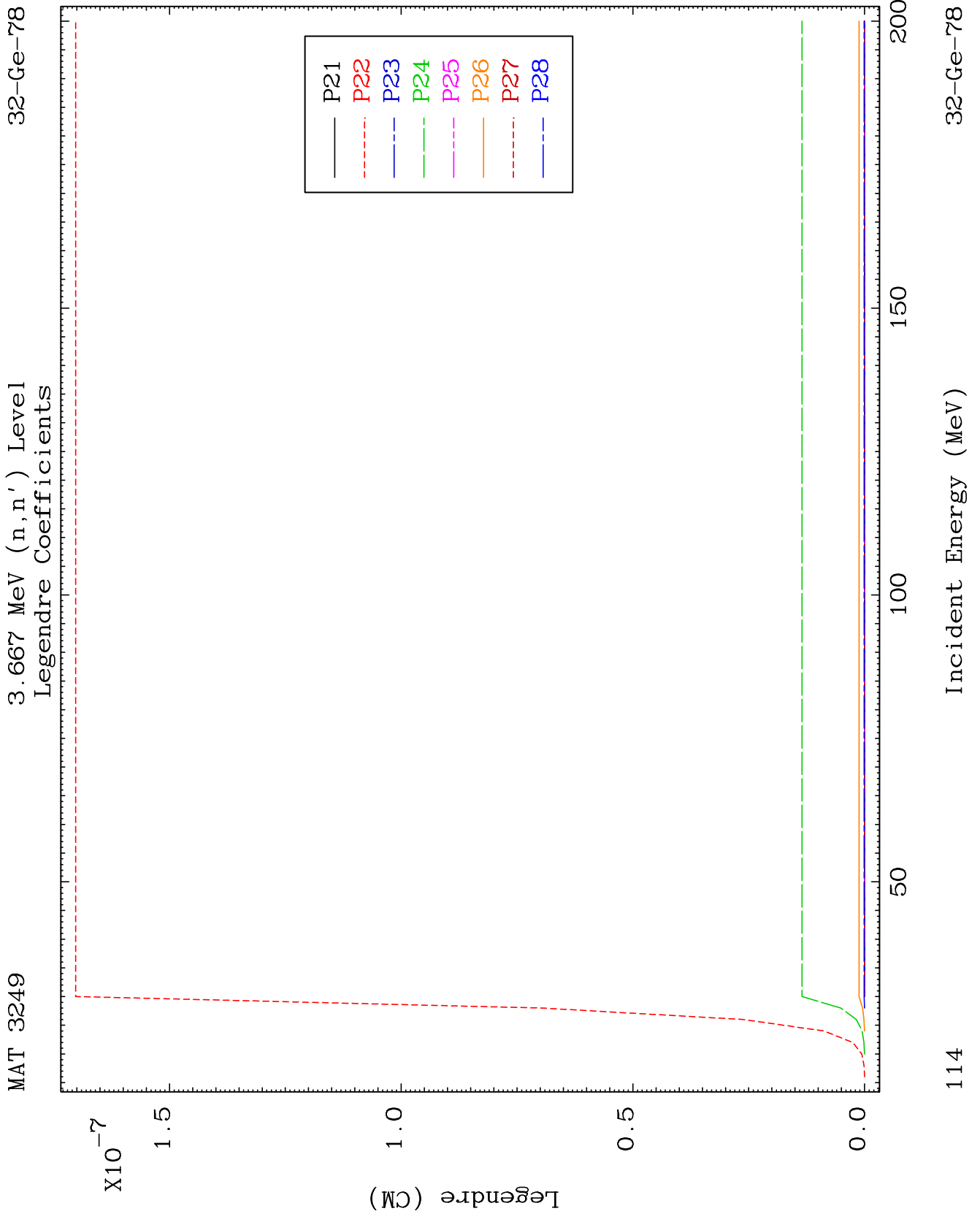
32-Ge-78



113

Incident Energy (MeV)

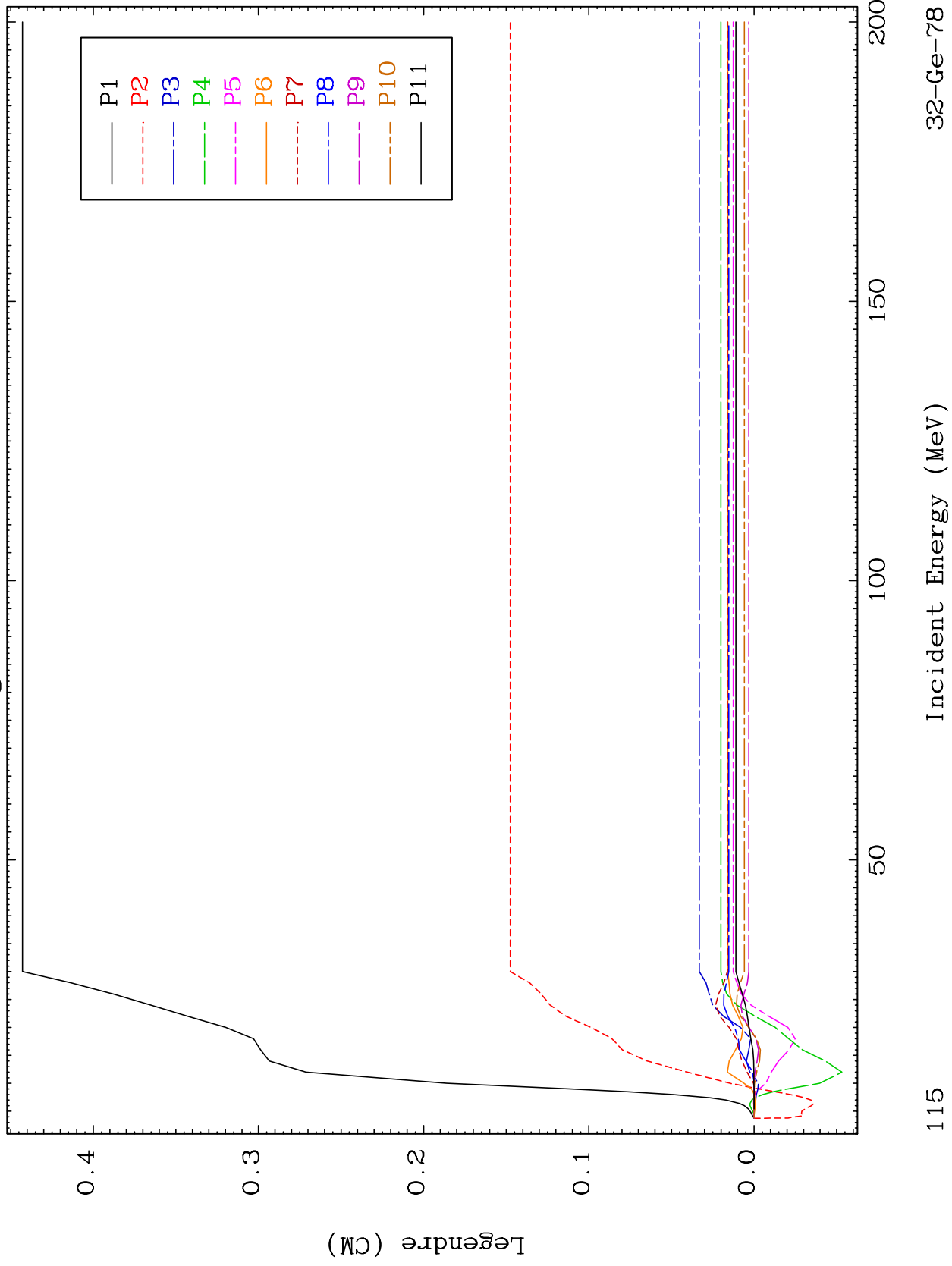
32-Ge-78



MAT 3249

3.688 MeV (n,n') Level  
Legendre Coefficients

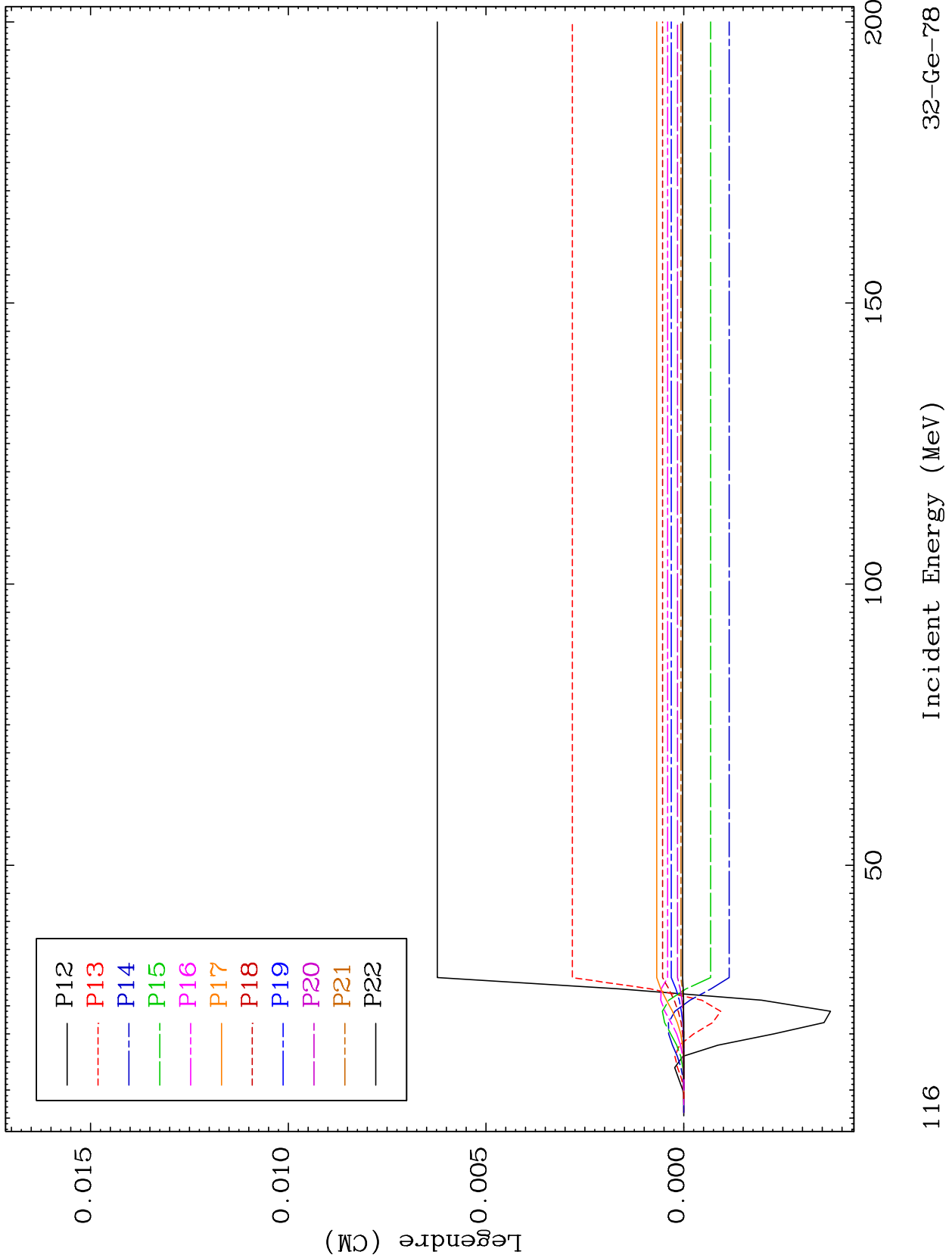
32-Ge-78

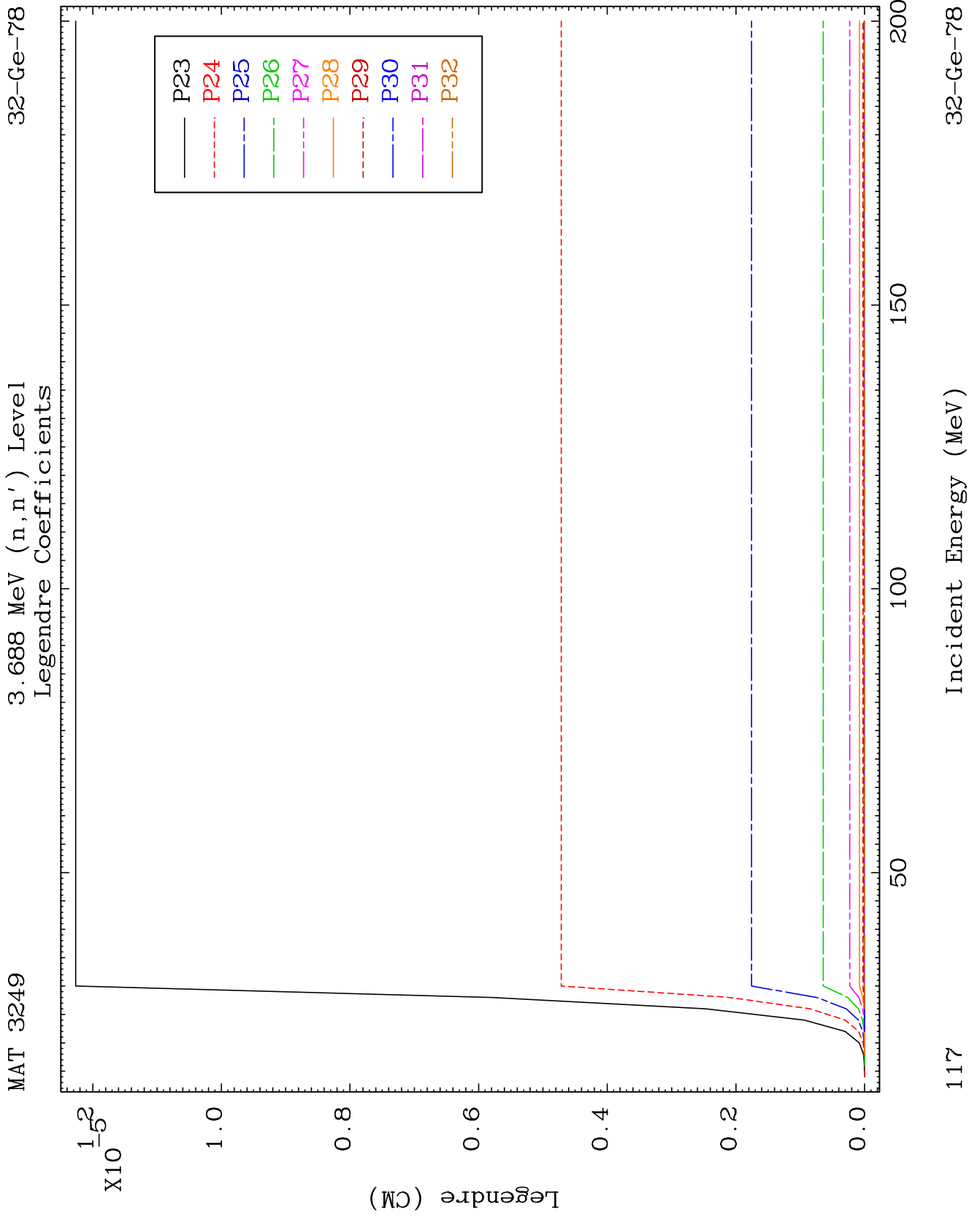


115

Incident Energy (MeV)

32-Ge-78

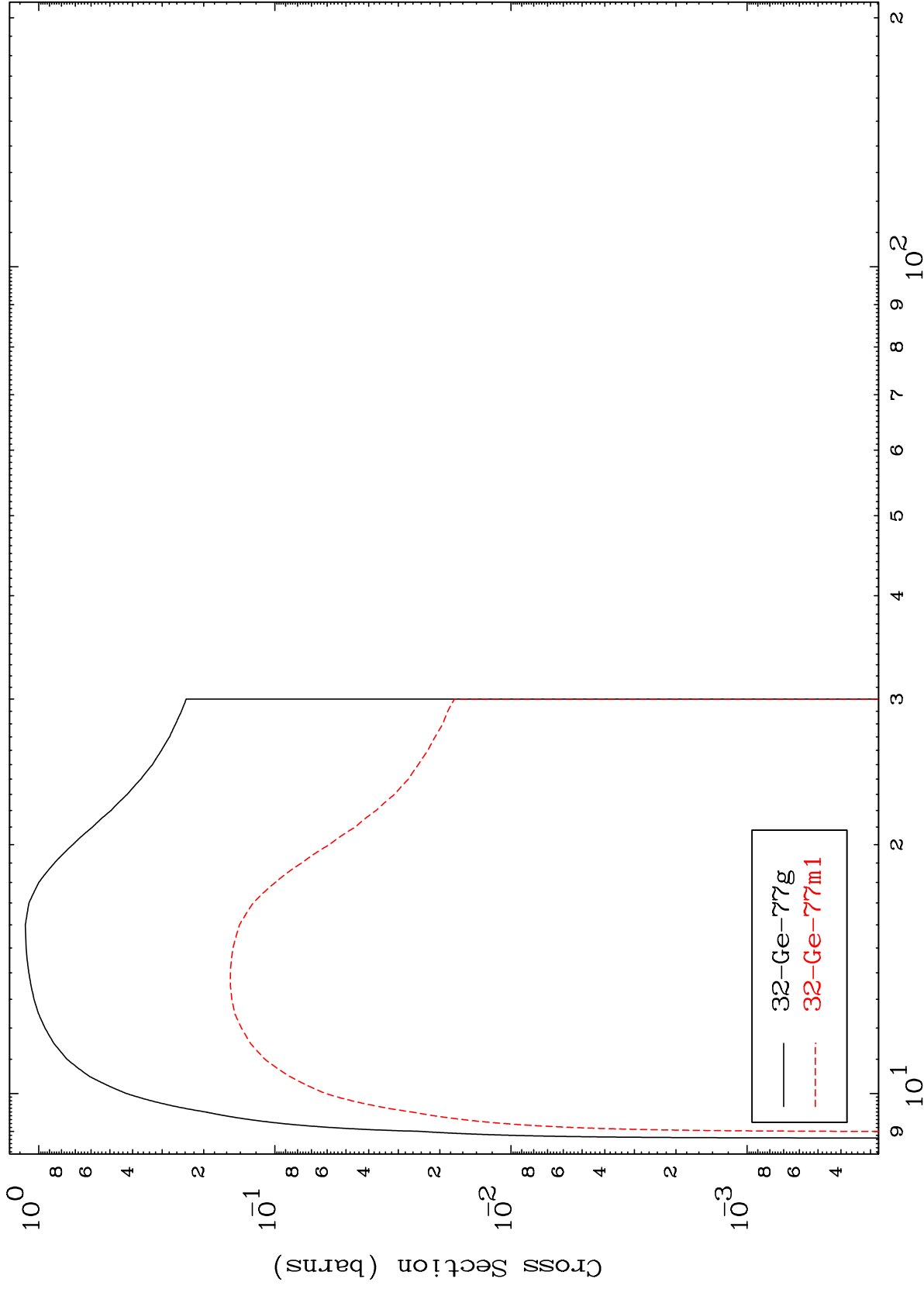




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<sup>32</sup>Ge-78

(n,2n)  
Radionuclide Production Cross Section

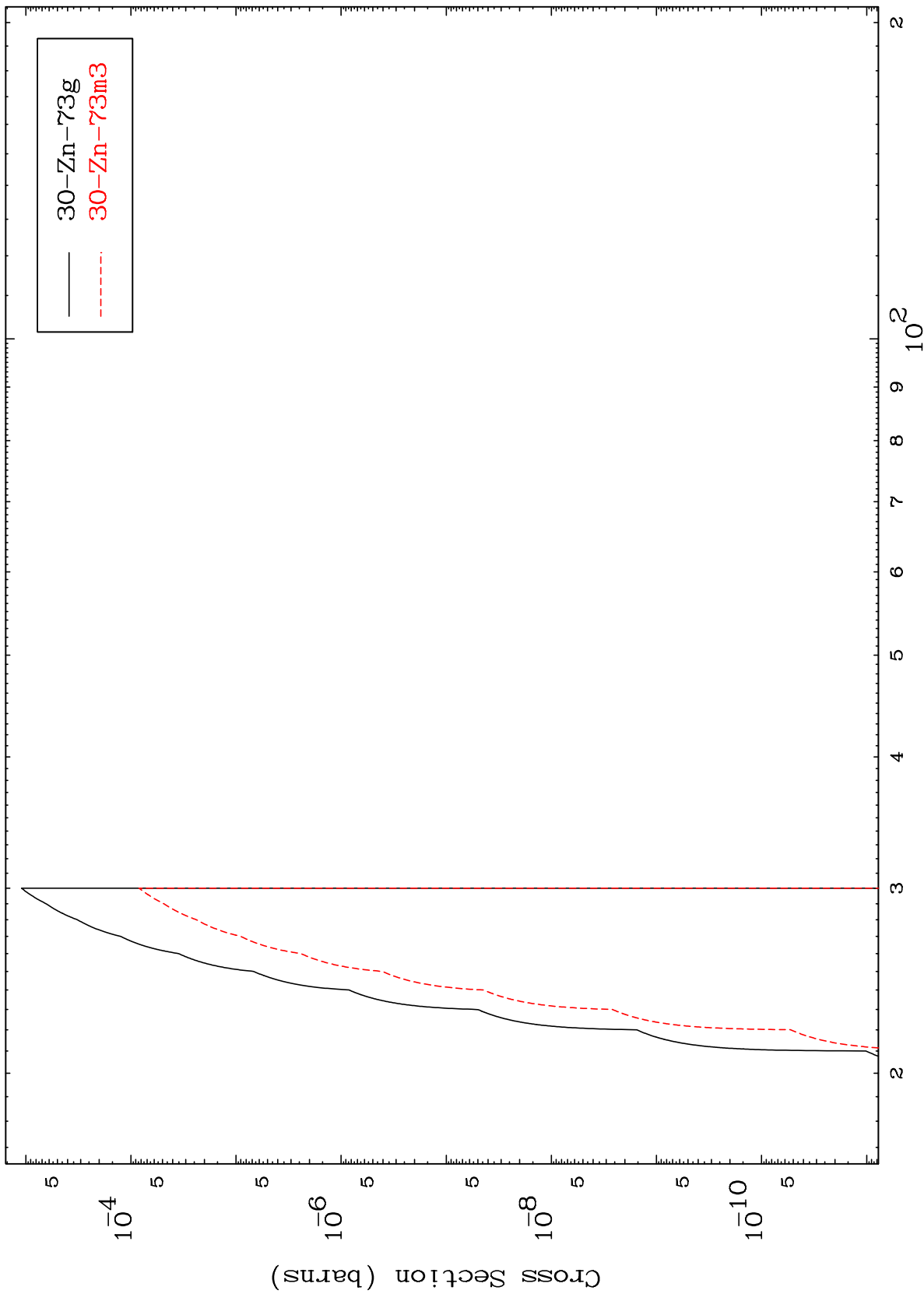


<sup>32</sup>Ge-78

Incident Energy (MeV)

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Radionuclide Production Cross Section



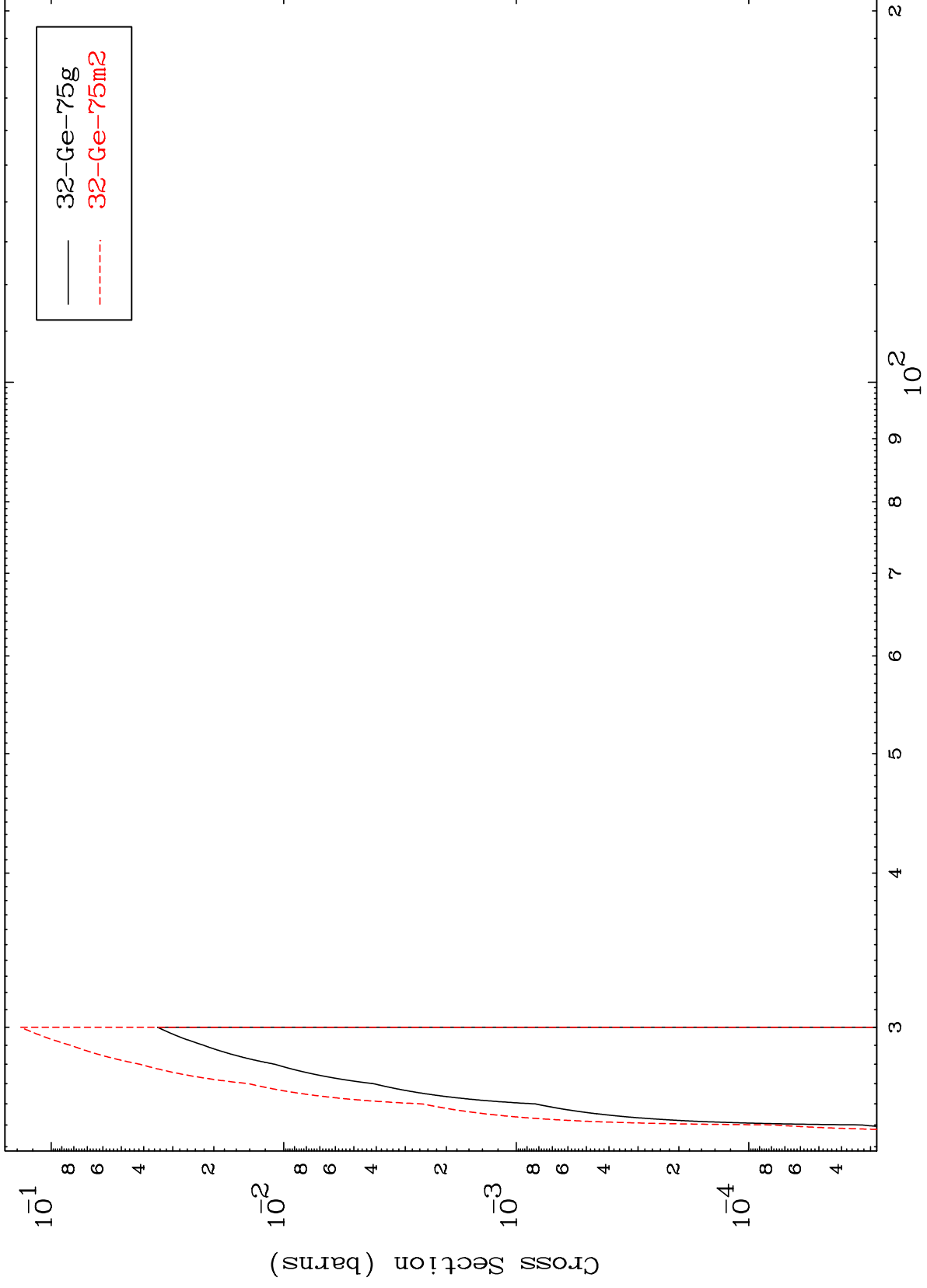


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(n,4n)

<sup>32</sup>Ge-78

Radionuclide Production Cross Section



120

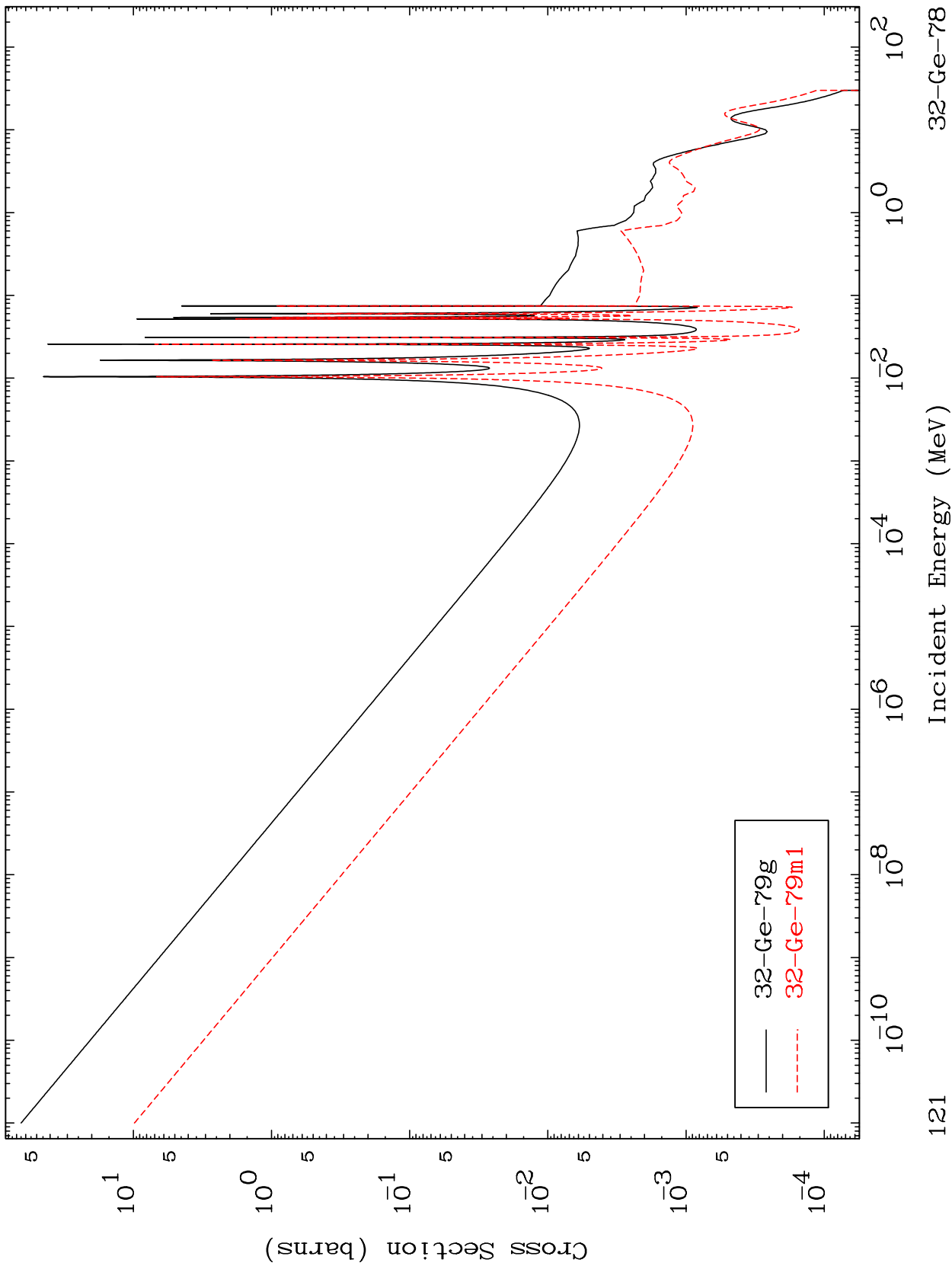
Incident Energy (MeV)

<sup>32</sup>Ge-78

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<sup>32</sup>Ge-78

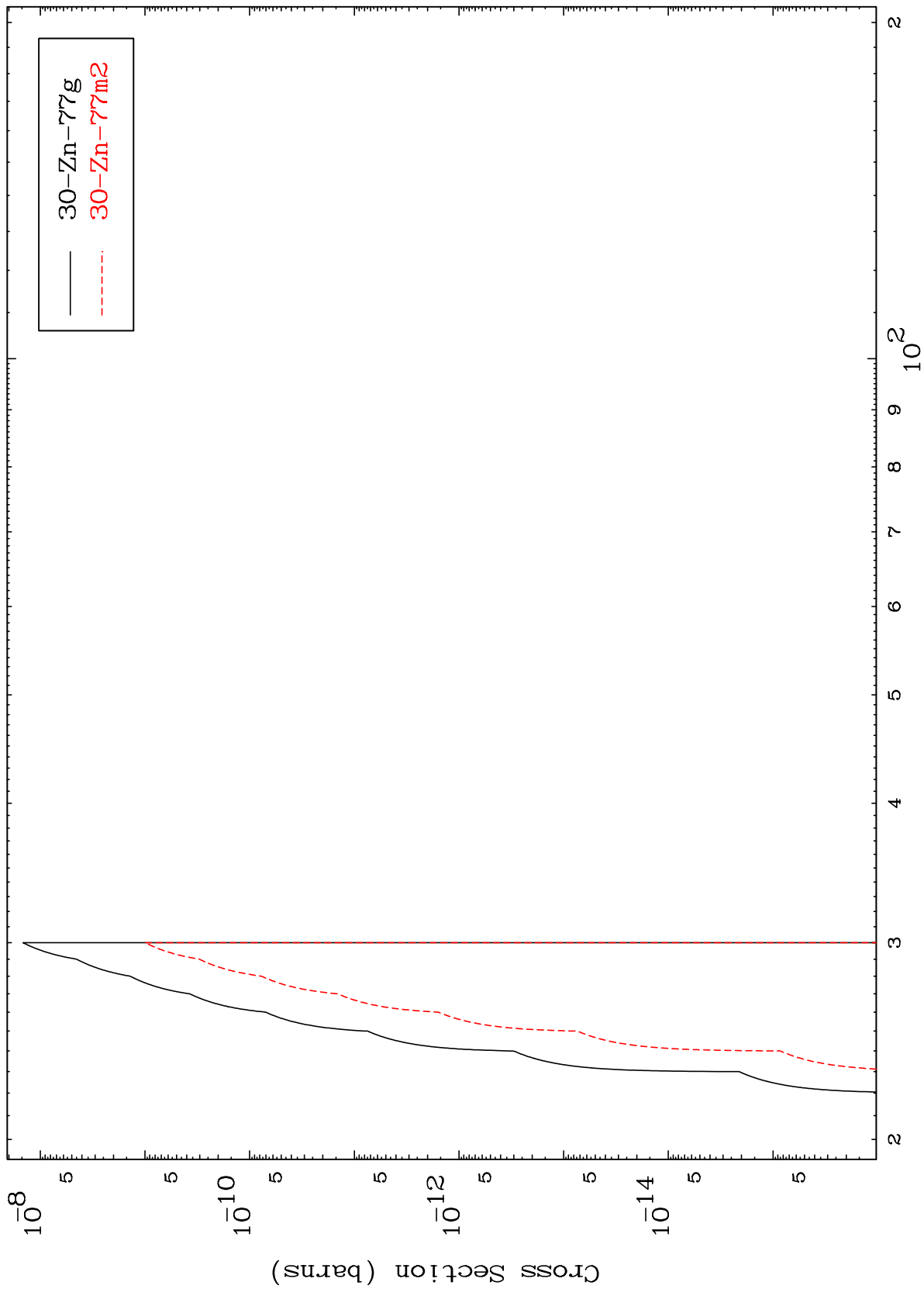
(n,γ)  
Radionuclide Production Cross Section



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(n,2p)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

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