

Program EVALPLOT  
(Version 2015-2)

by

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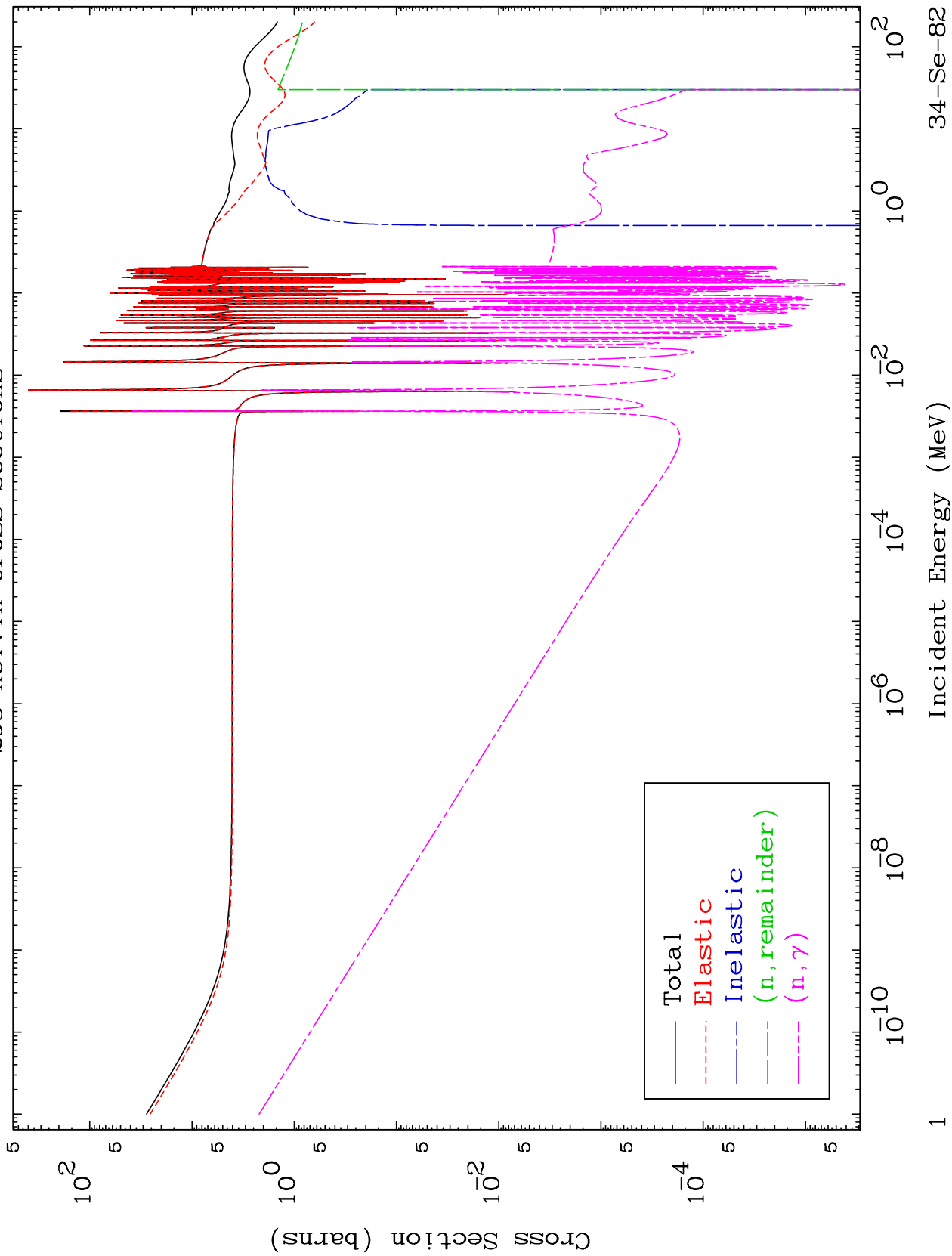
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3449

Major  
293 Kelvin Cross Sections

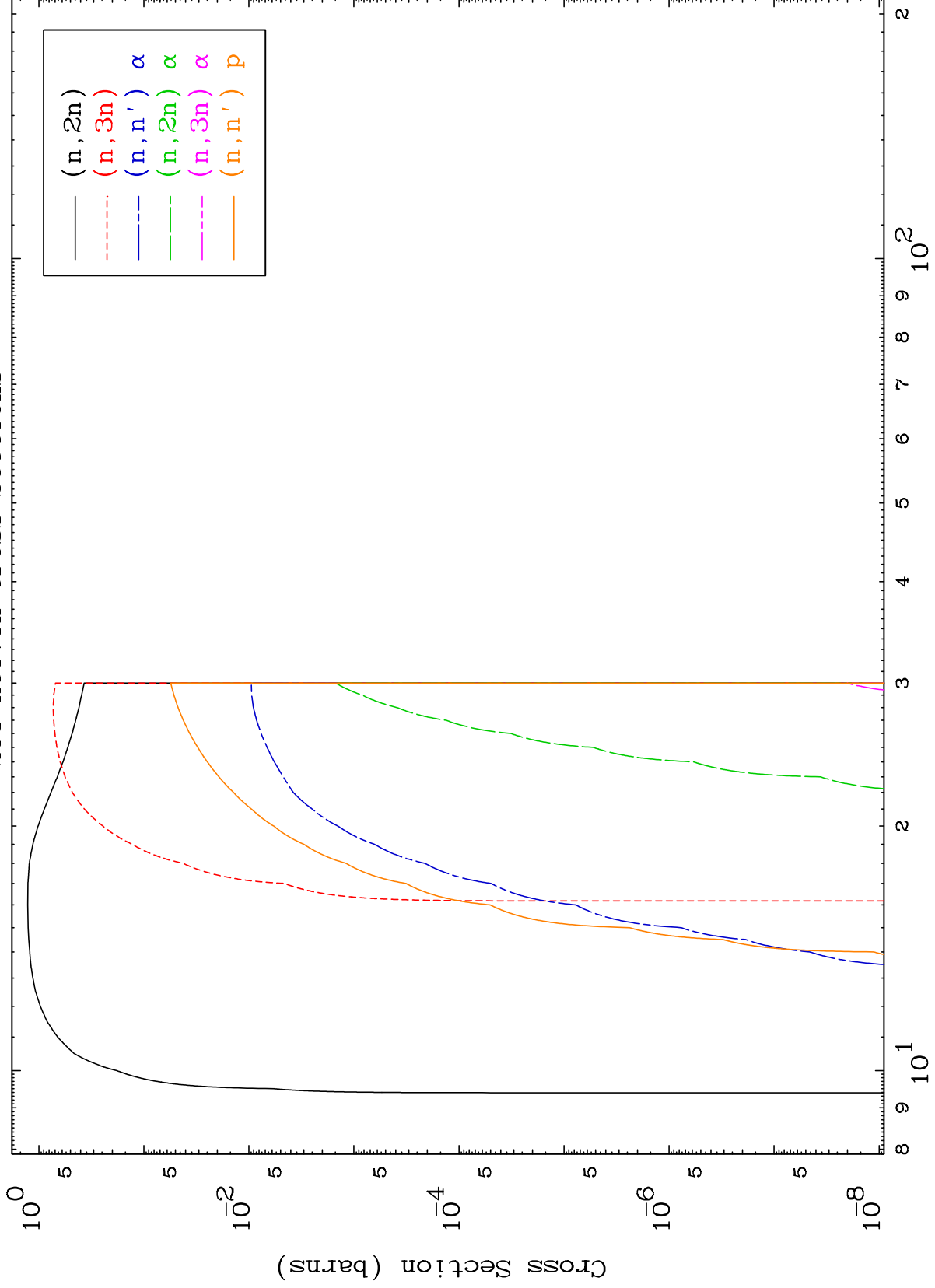
34-Se-82



MAT 3449

Neutron Production  
293 Kelvin Cross Sections

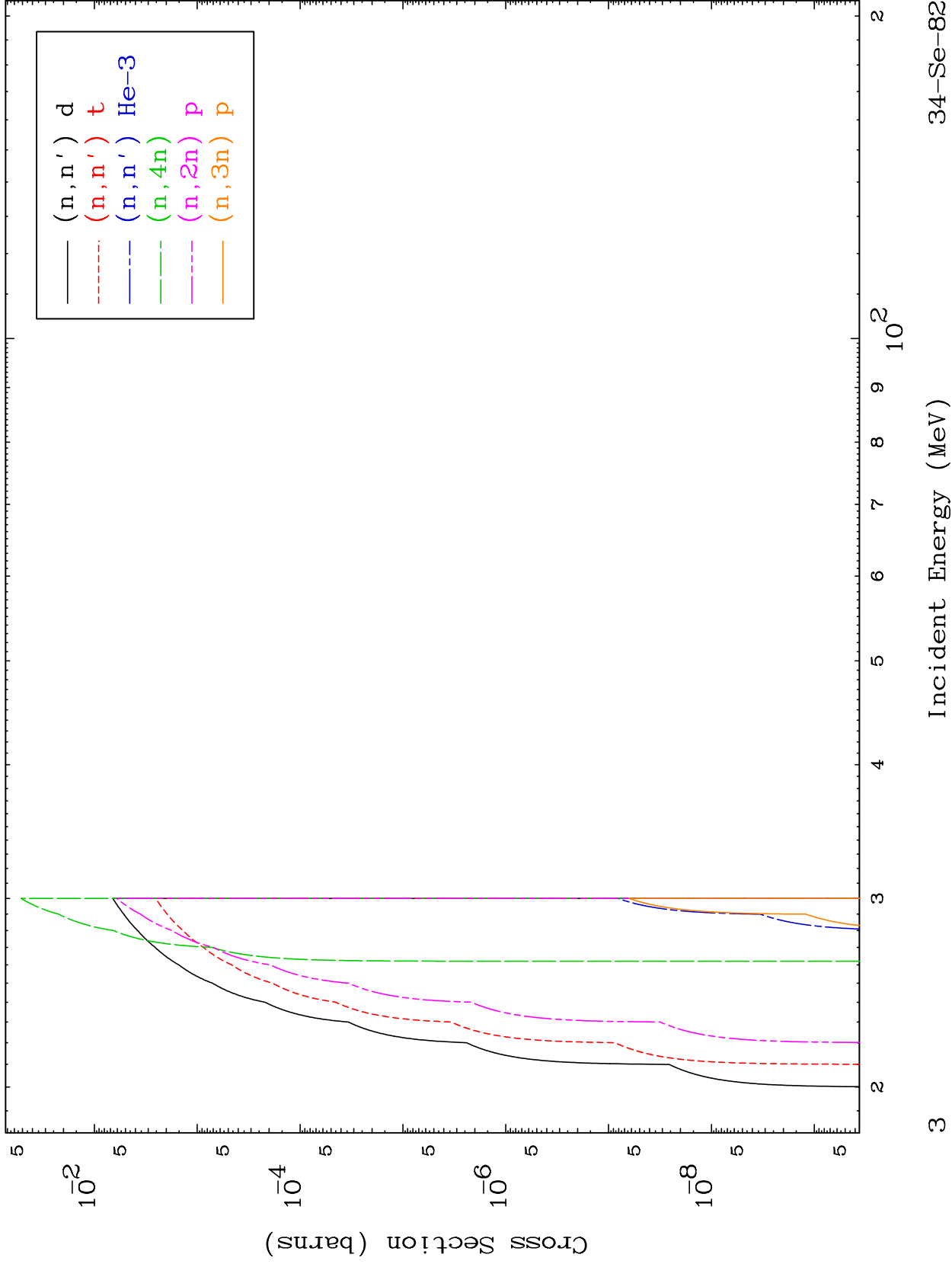
34-Se-82

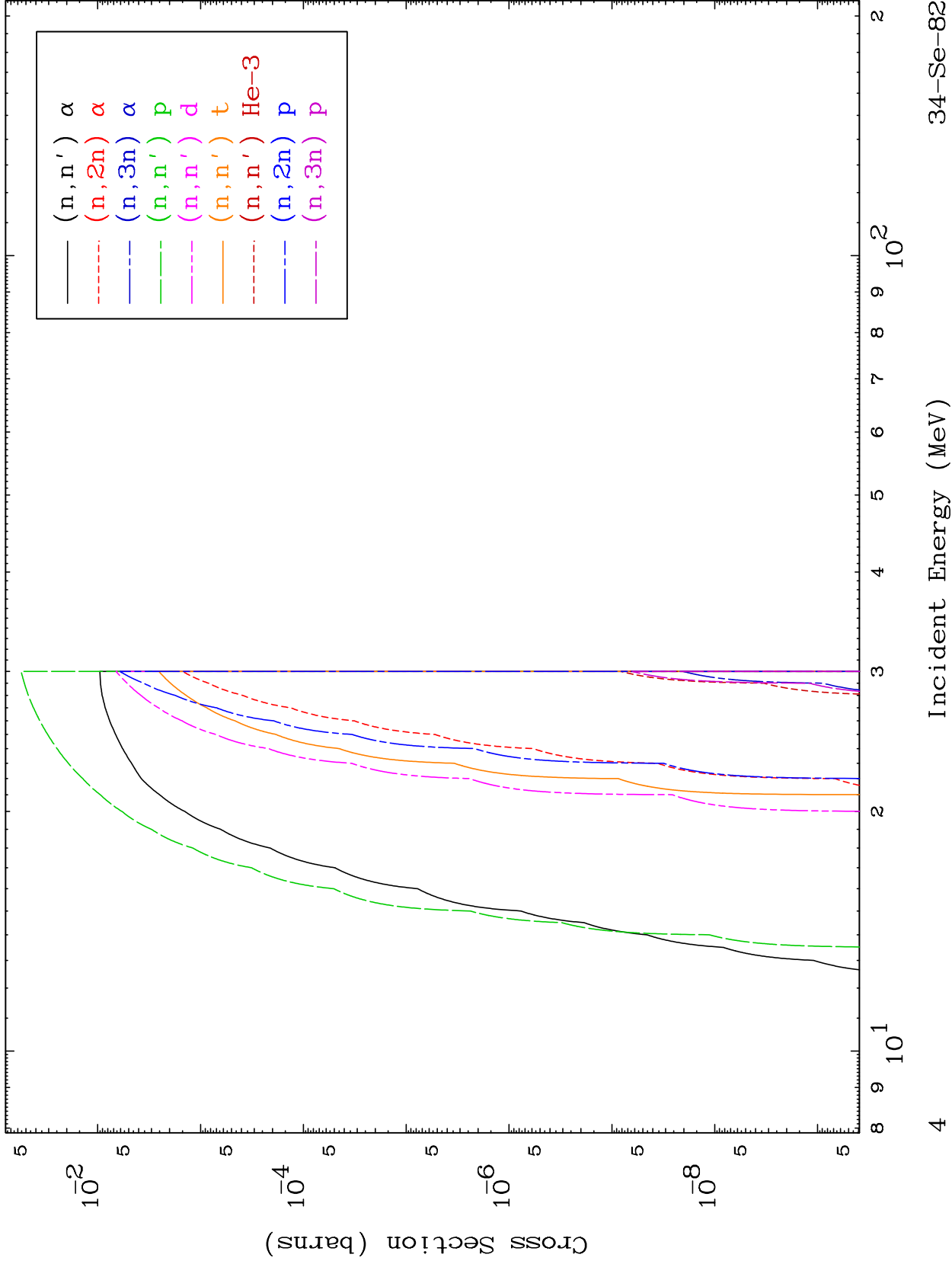


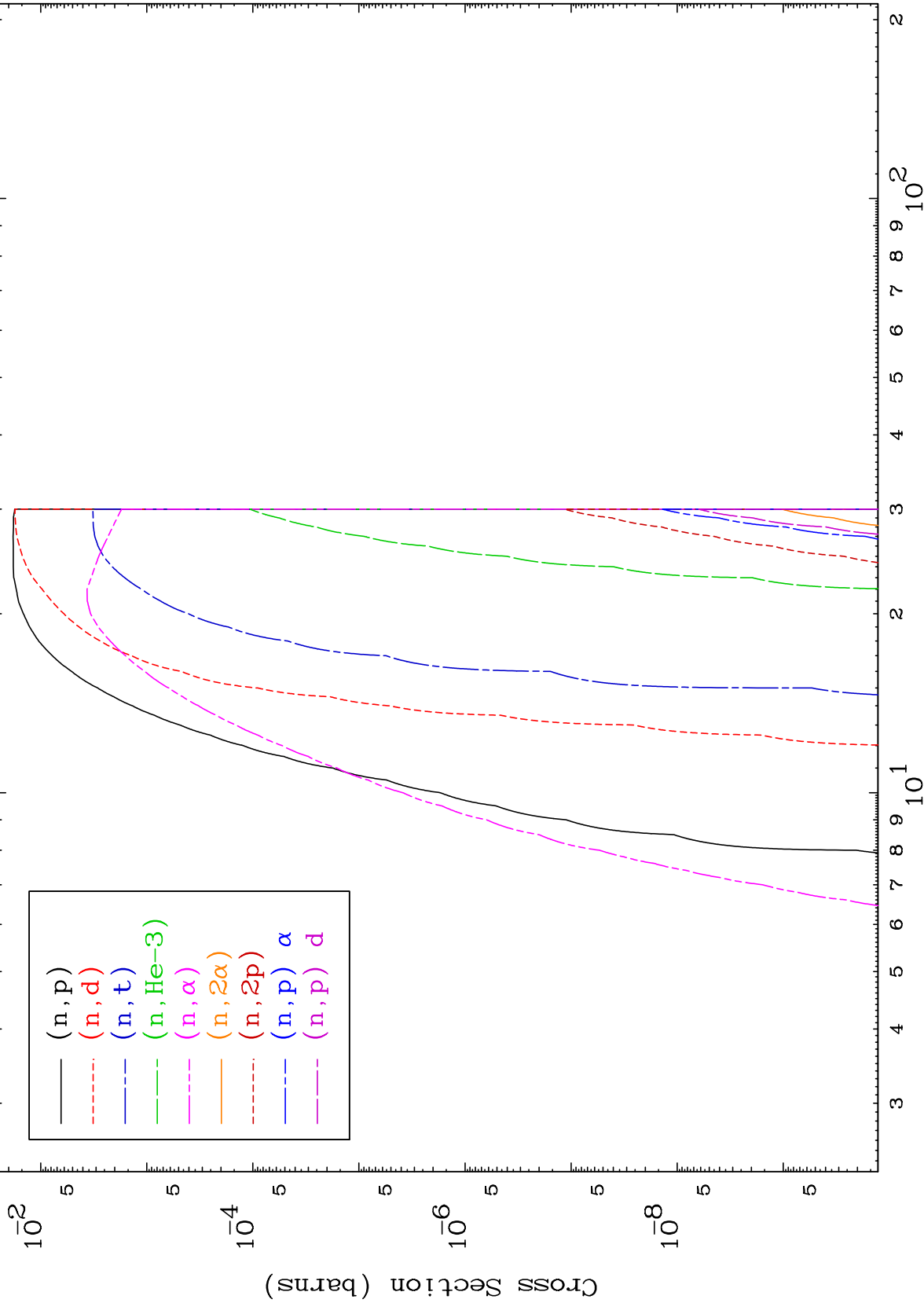
2

Incident Energy (MeV)

34-Se-82



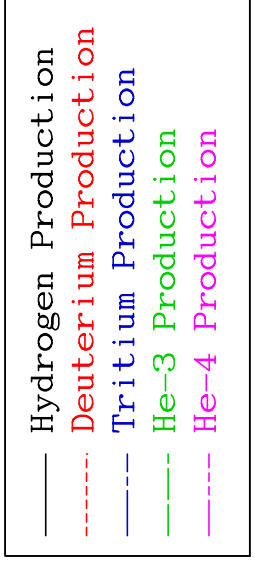
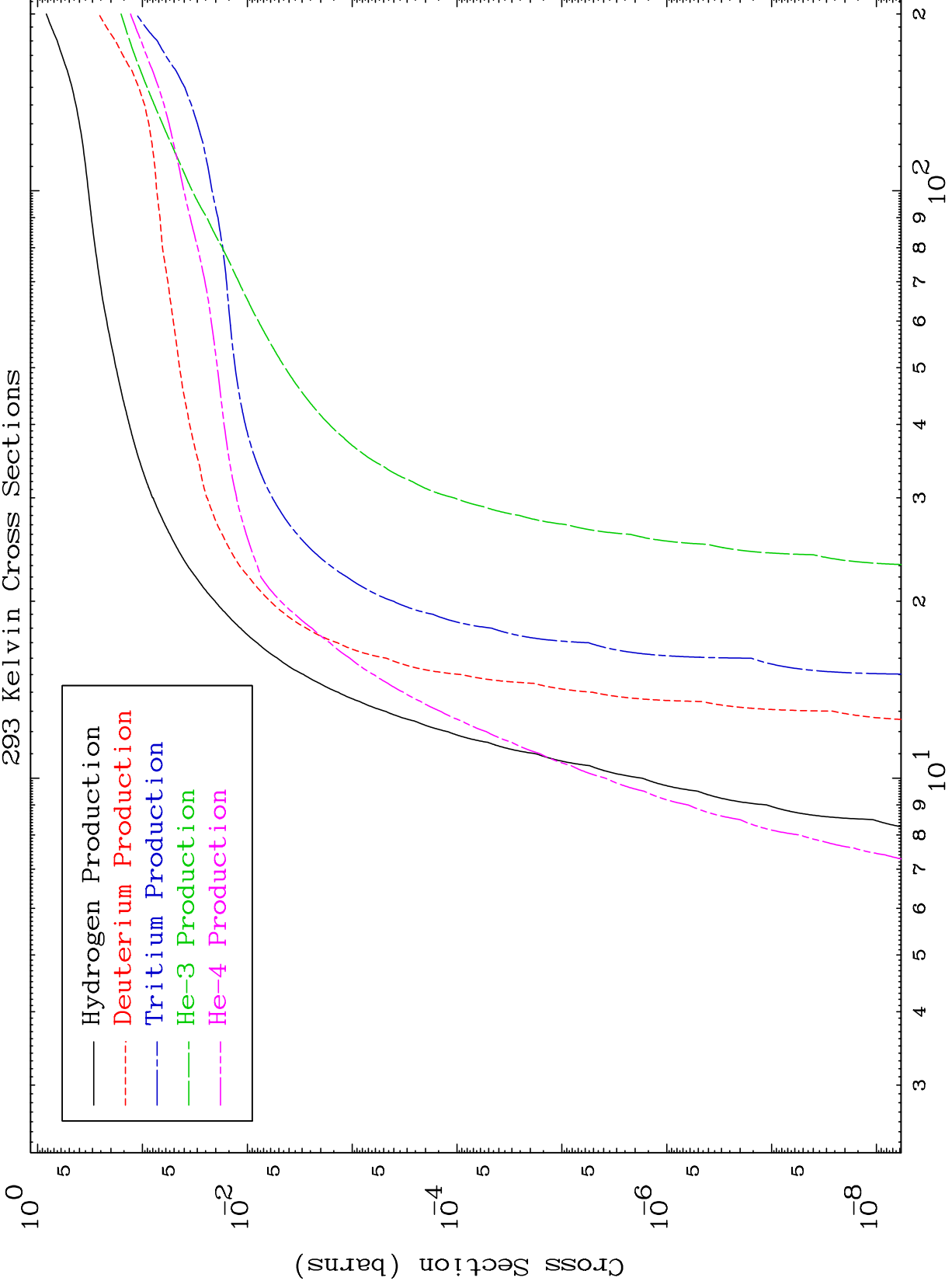




MAT 3449

Particle Production  
293 Kelvin Cross Sections

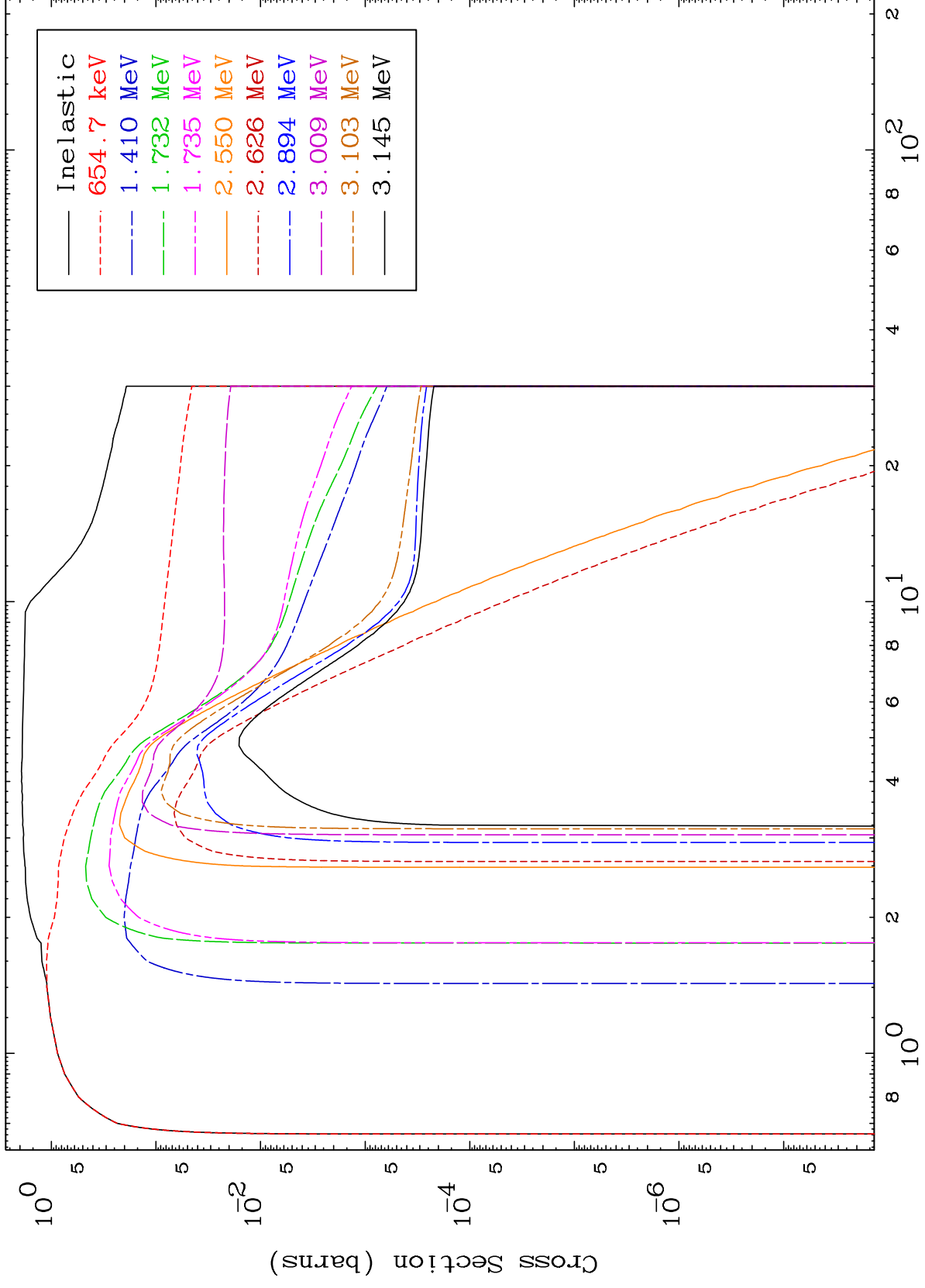
34-Se-82



MAT 3449

(n,n') Level  
293 Kelvin Cross Sections

34-Se-82



7

Incident Energy (MeV)

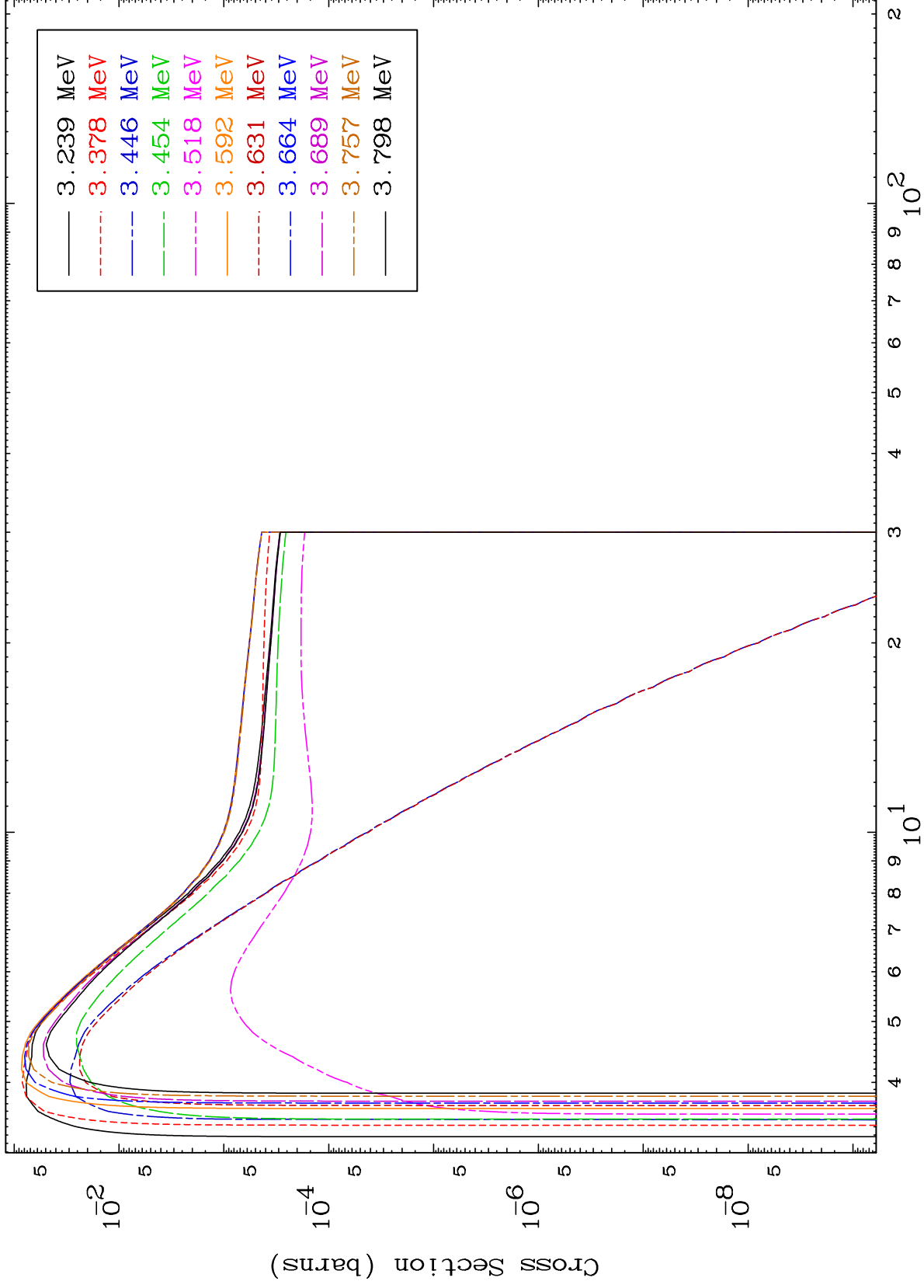
34-Se-82



MAT 3449

(n,n') Level  
293 Kelvin Cross Sections

34-Se-82



8

Incident Energy (MeV)

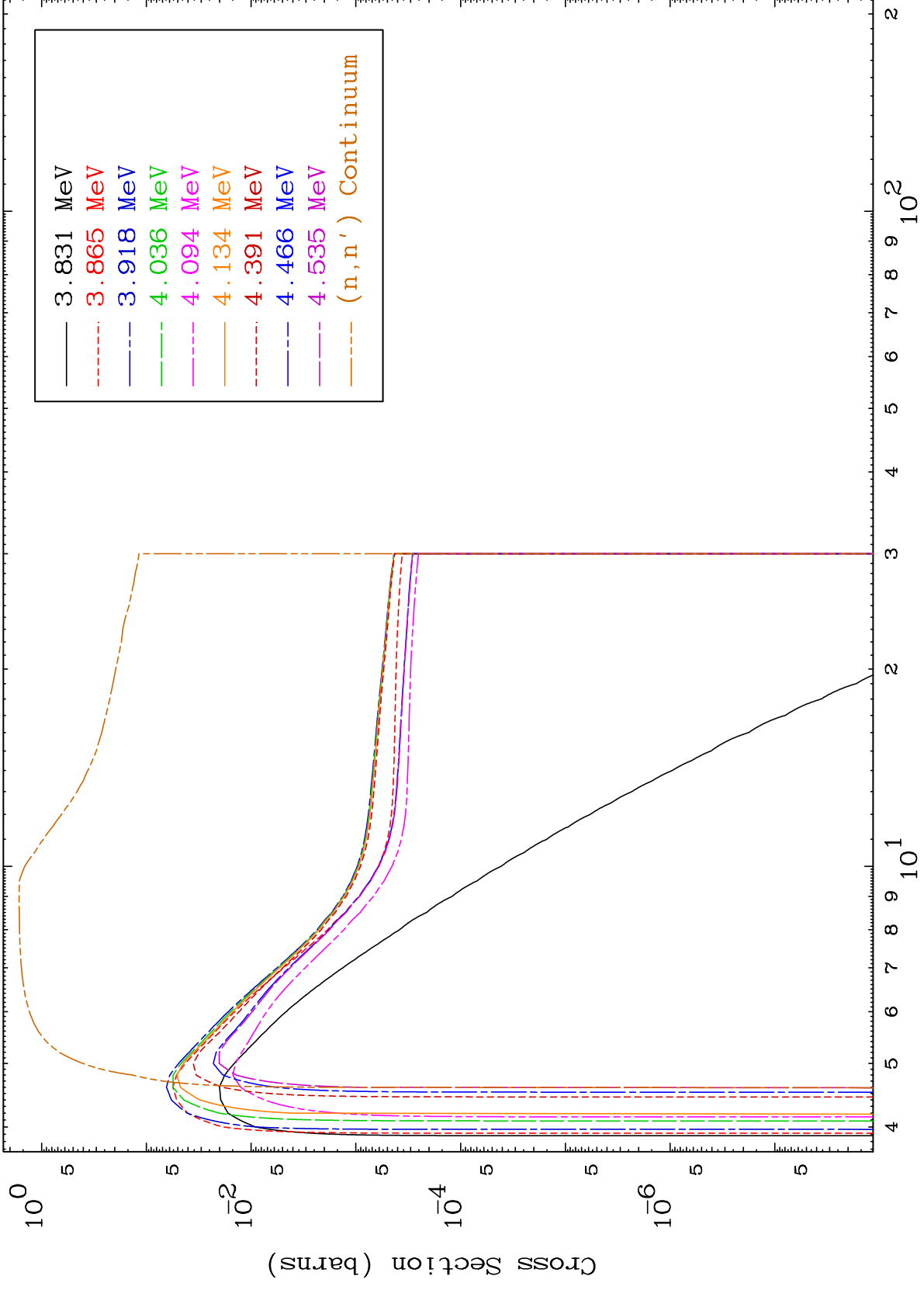
34-Se-82

MAT 3449

(n,n') Level

34-Se-82

293 Kelvin Cross Sections



9

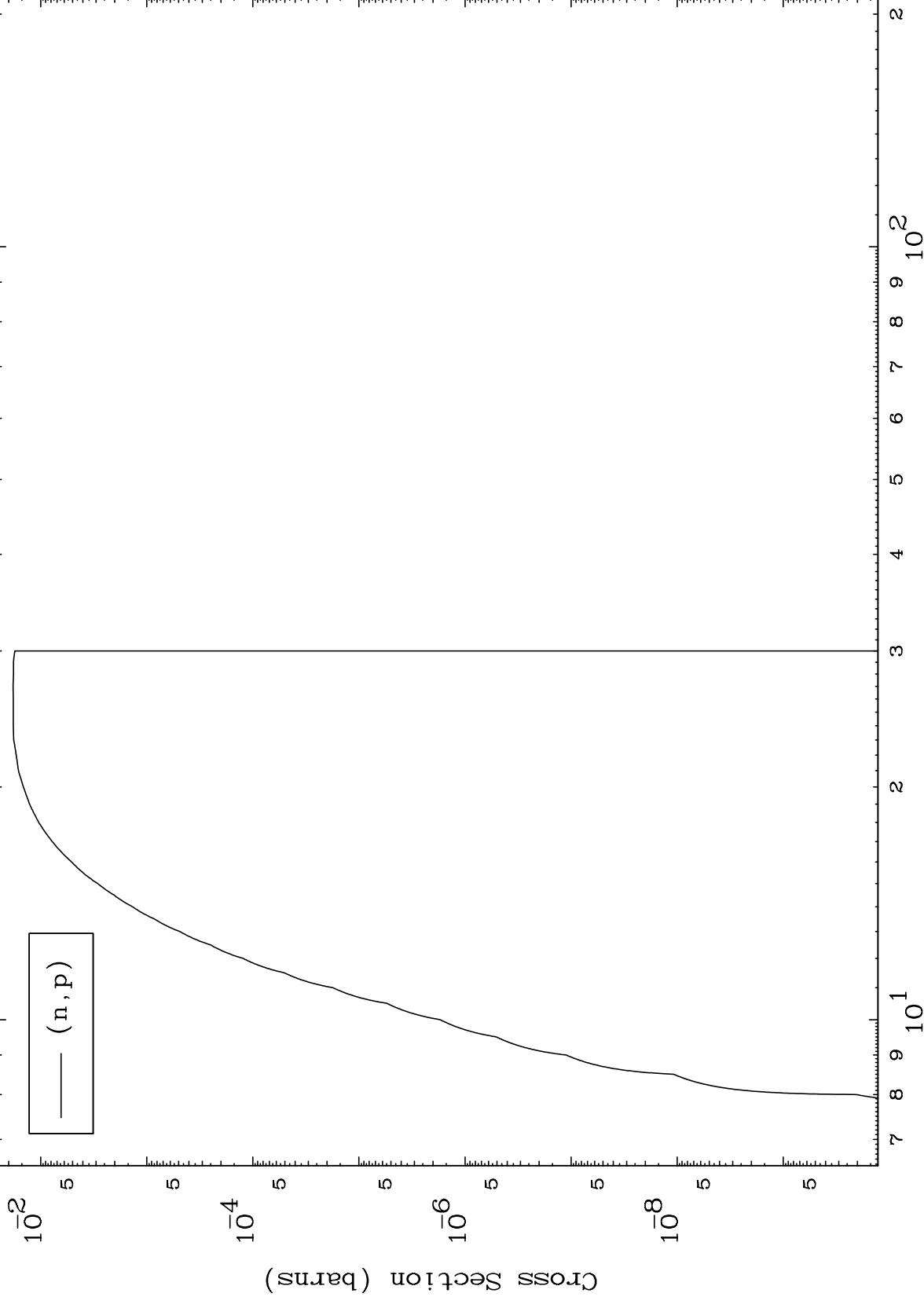
Incident Energy (MeV)

34-Se-82

MAT 3449

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-82



10

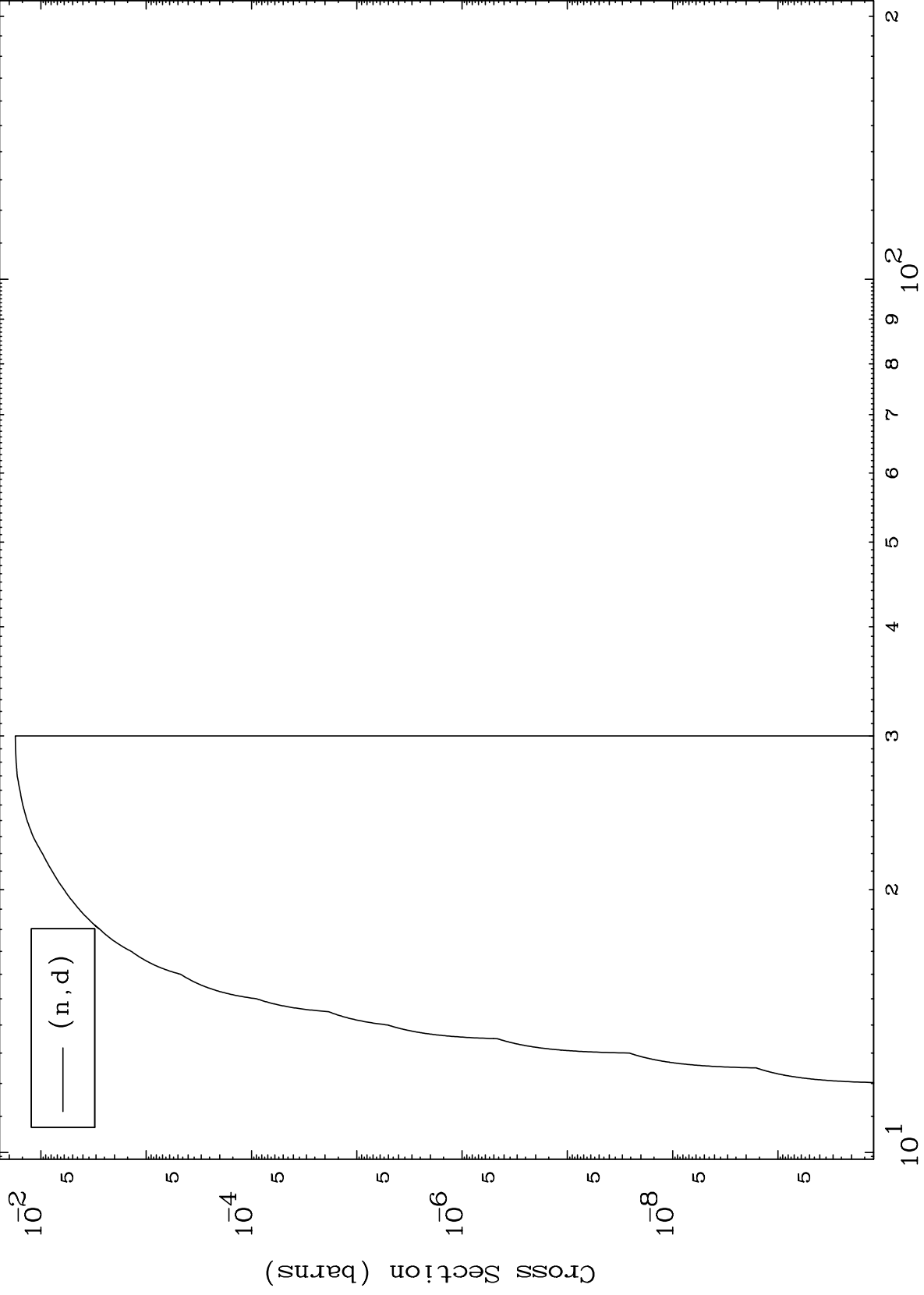
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-82



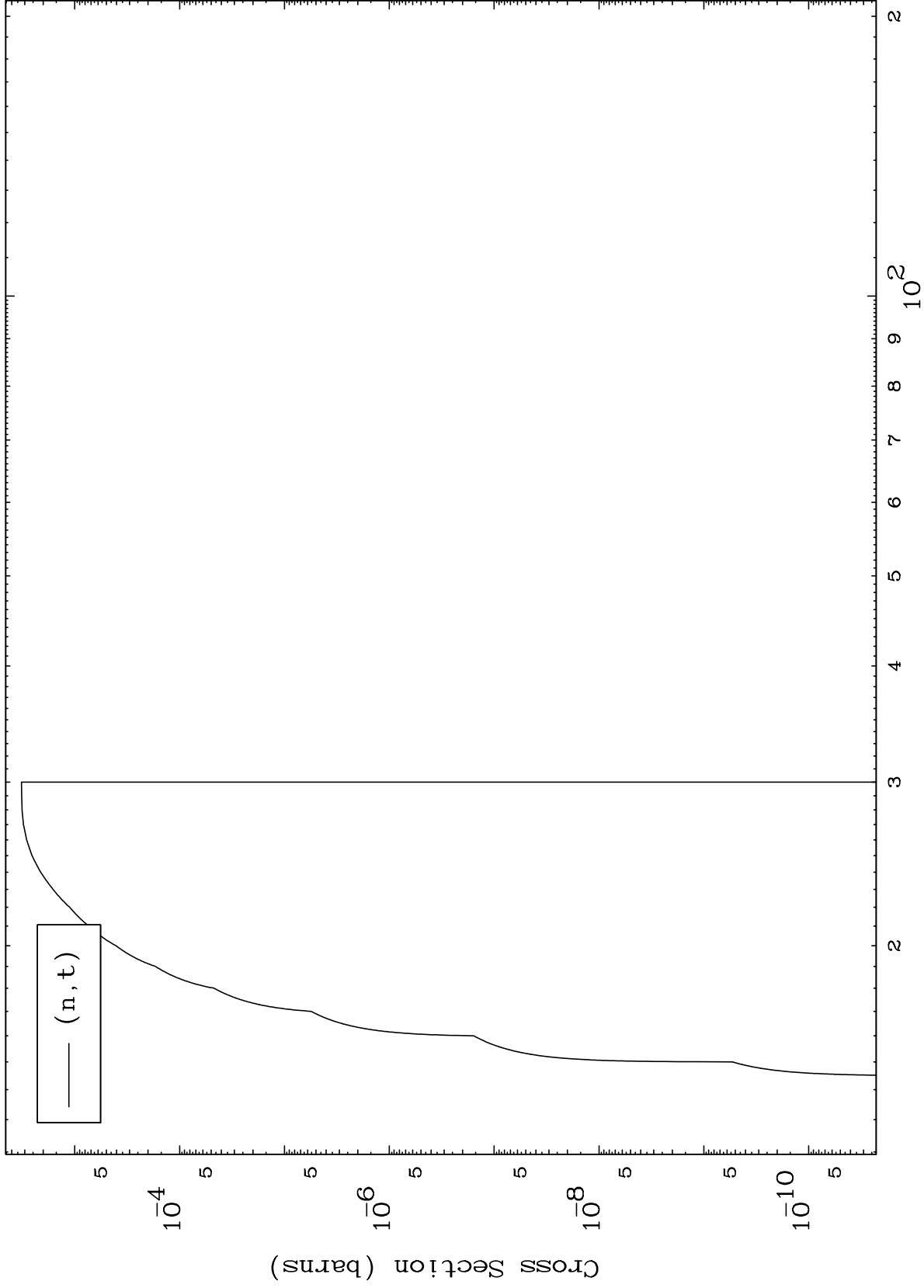
11

34-Se-82

MAT 3449

(n,t) Levels  
293 Kelvin Cross Sections

34-Se-82



12

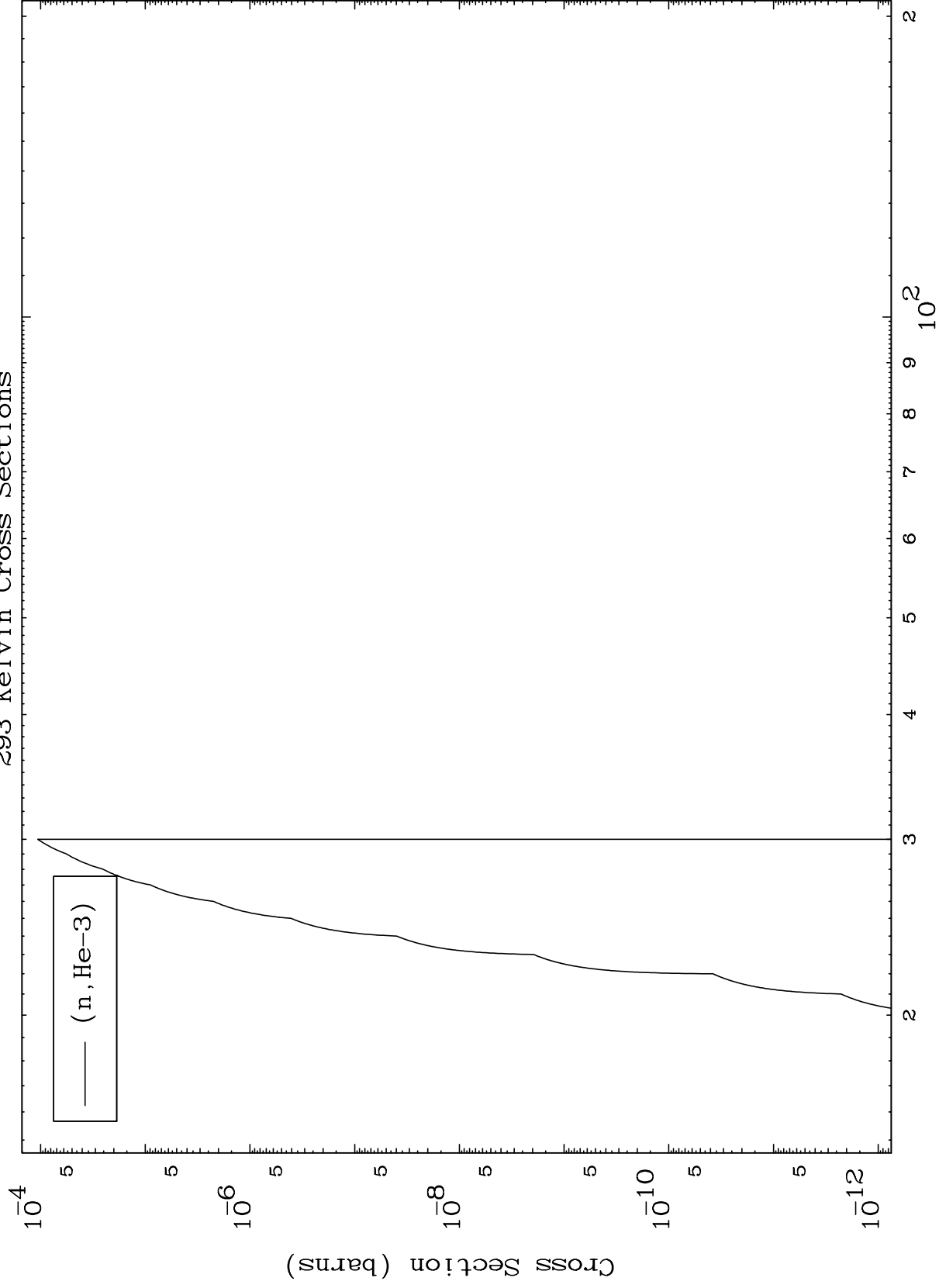
Incident Energy (MeV)

34-Se-82

MAT 3449

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-82



13

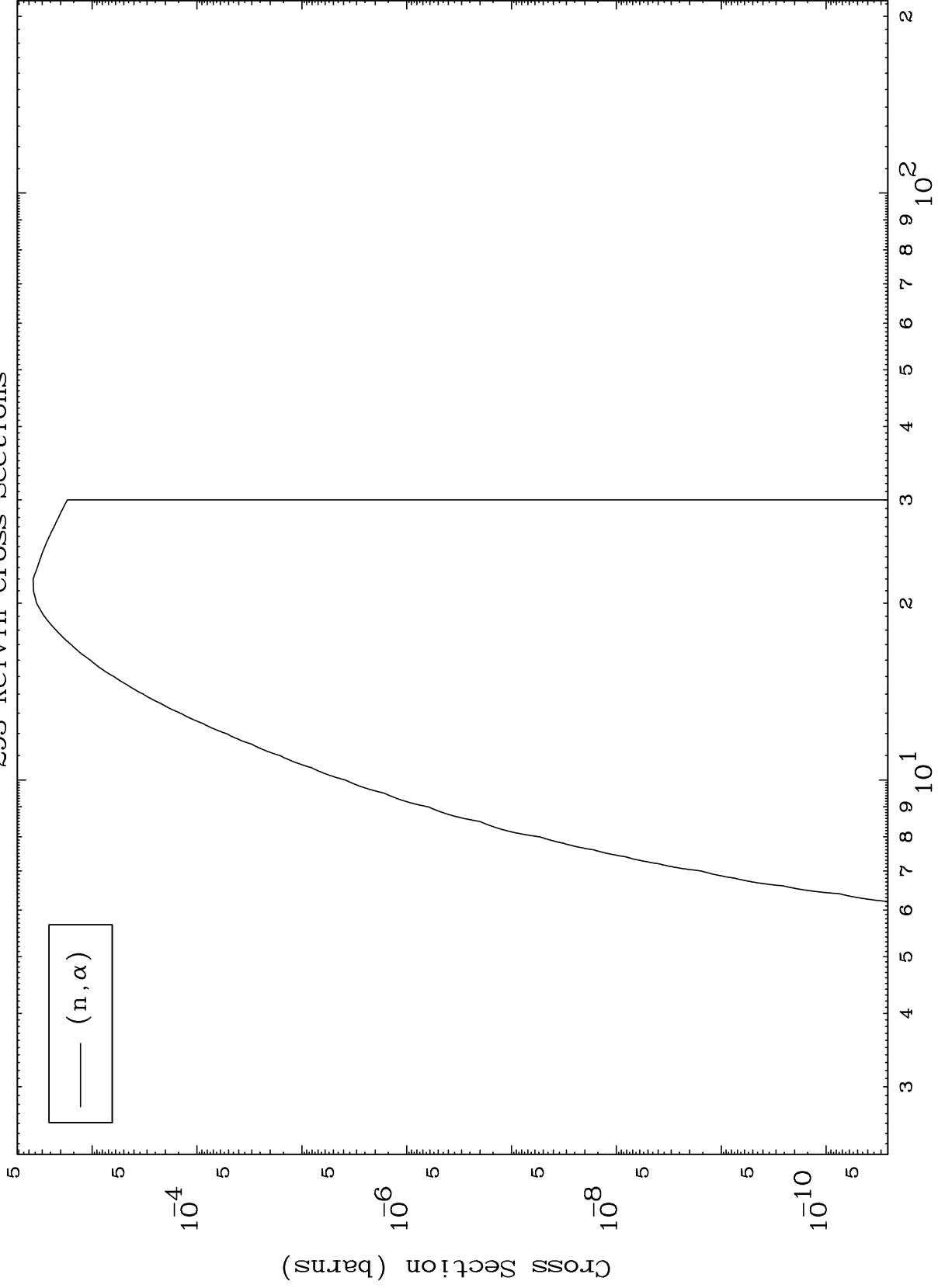
Incident Energy (MeV)

34-Se-82

MAT 3449

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

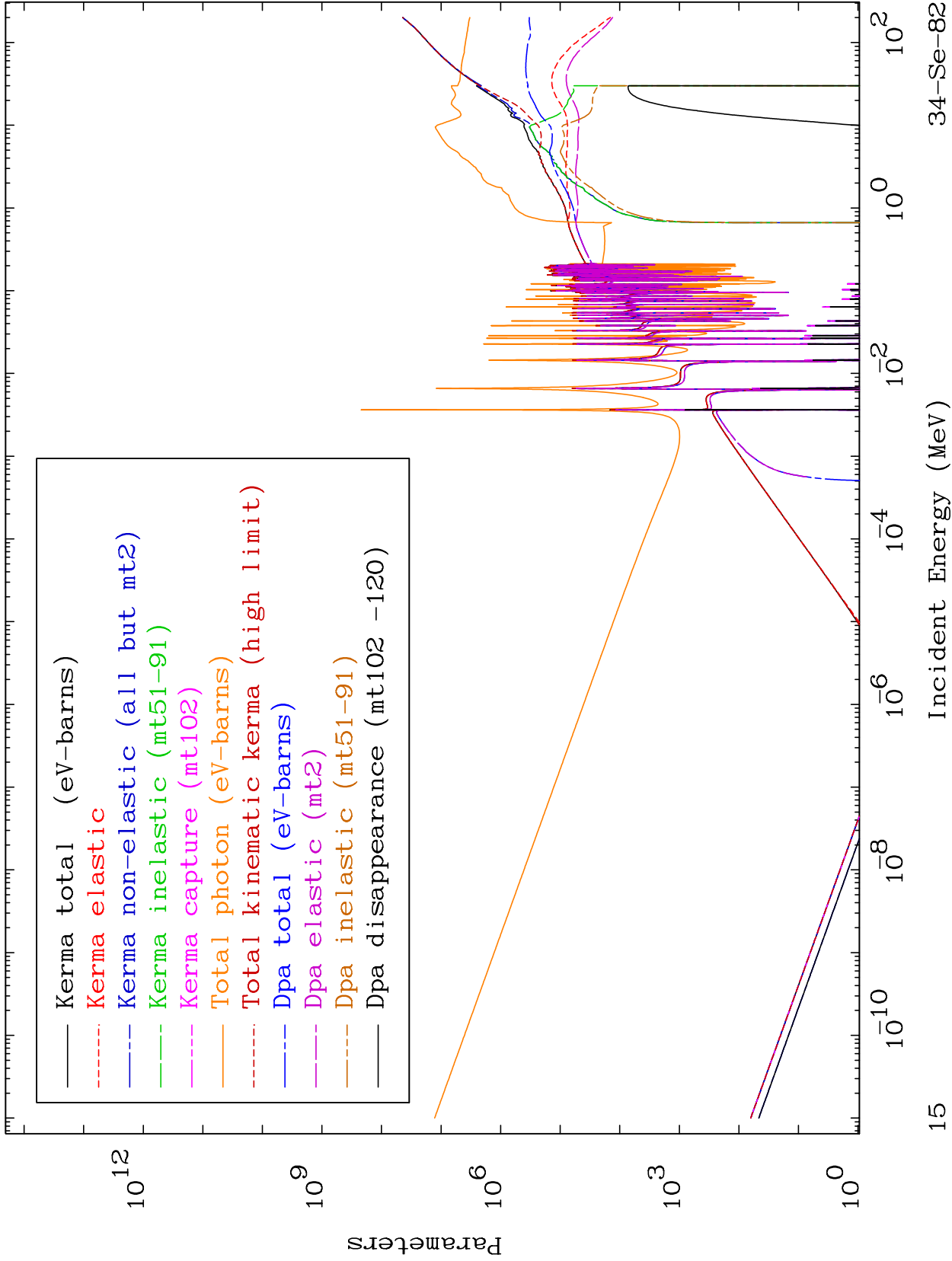
34-Se-82



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Incident Energy (MeV)

34-Se-82

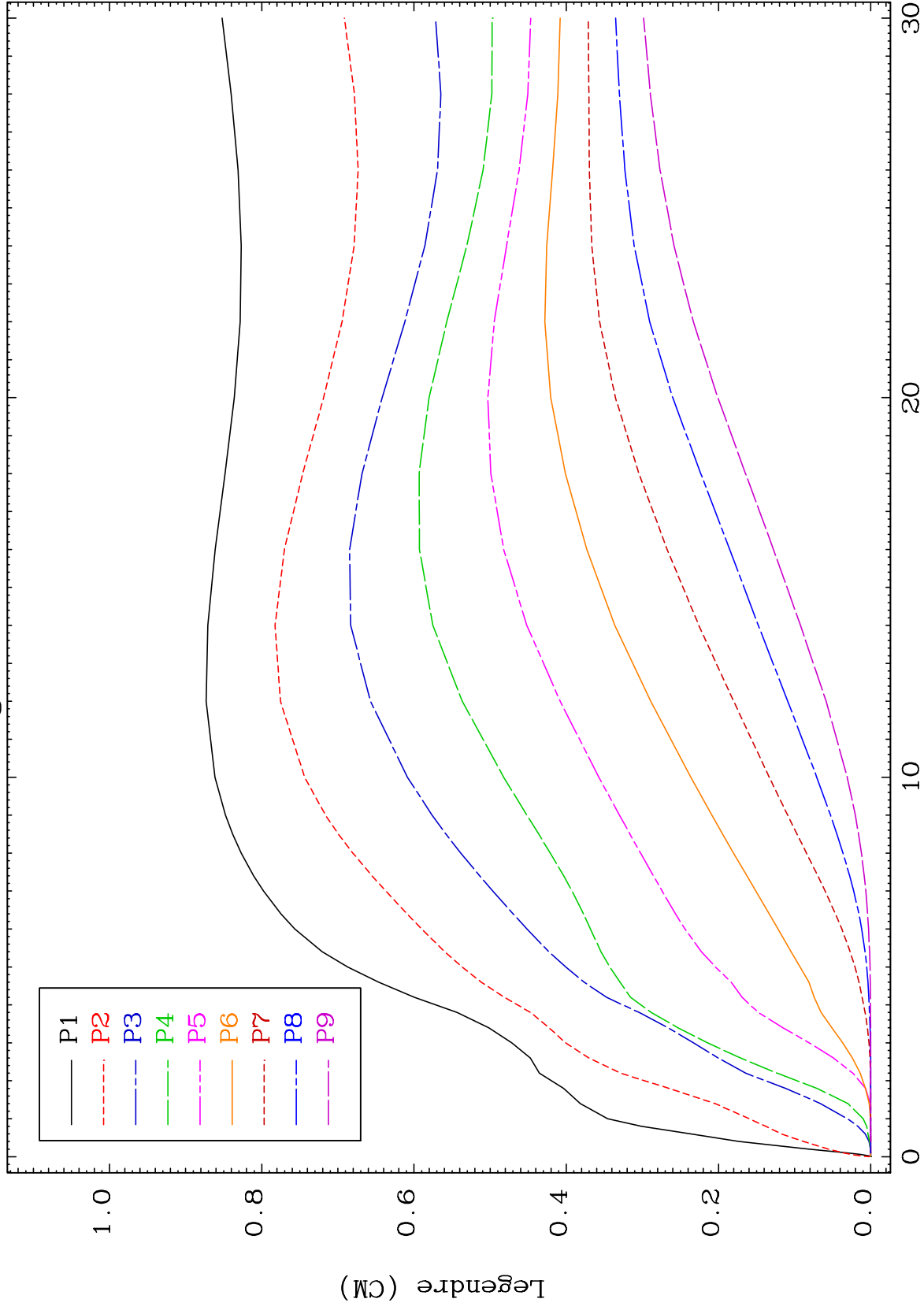




MAT 3449

Elastic Legendre Coefficients

<sup>34</sup>Se-82



16

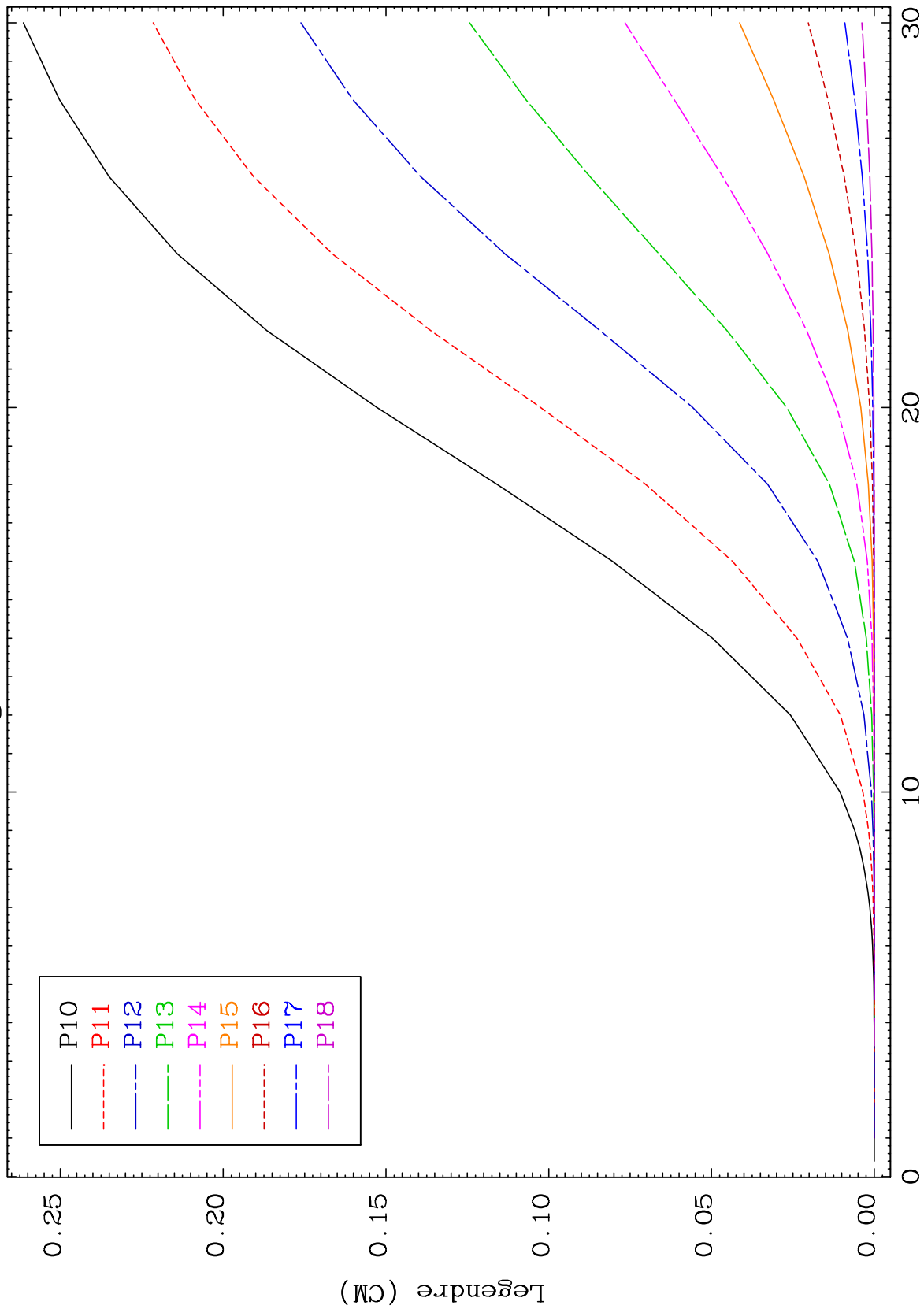
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

Elastic Legendre Coefficients

<sup>34</sup>Se-82



17

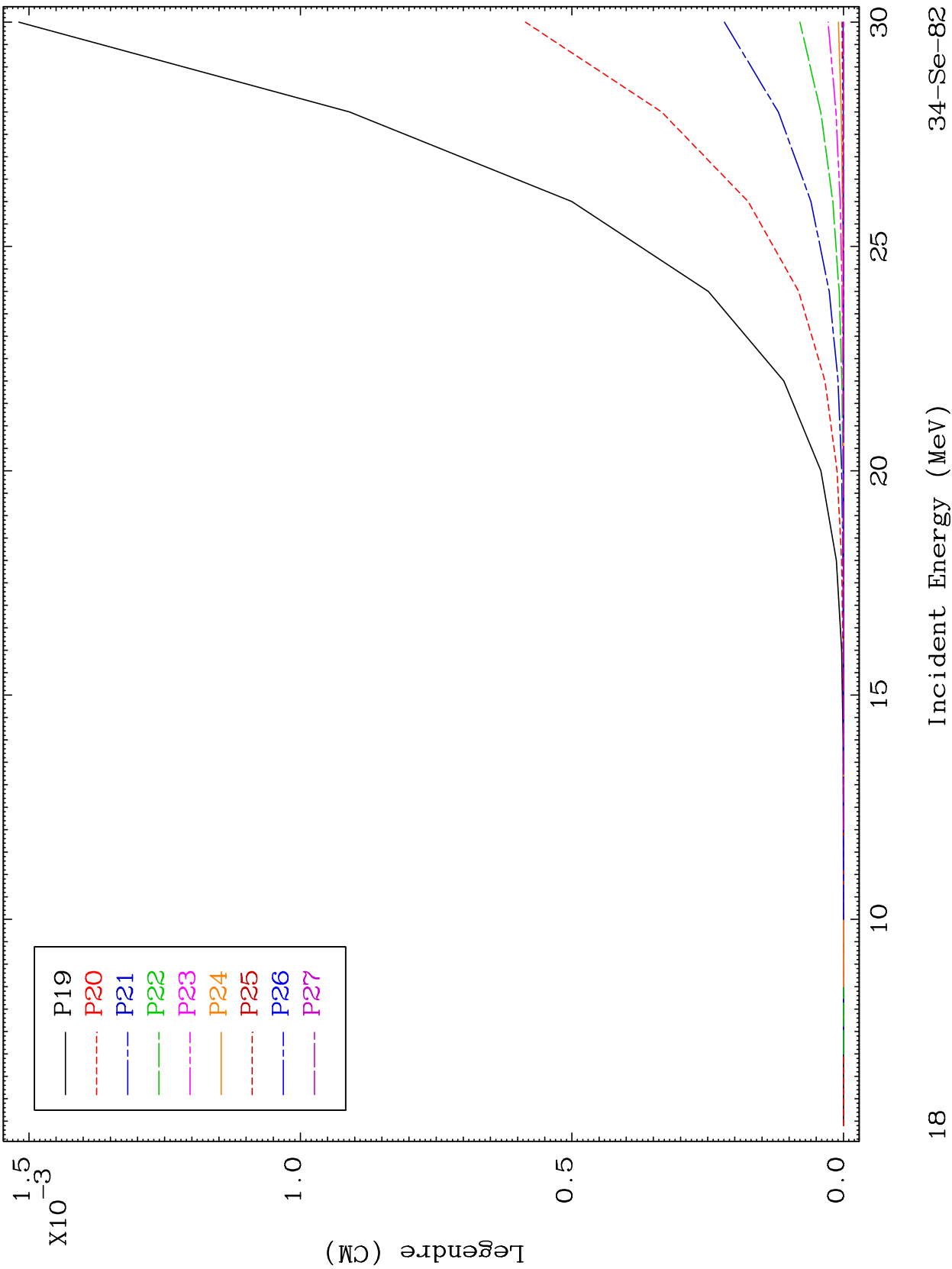
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

Elastic  
Legendre Coefficients

<sup>34</sup>Se-82



18

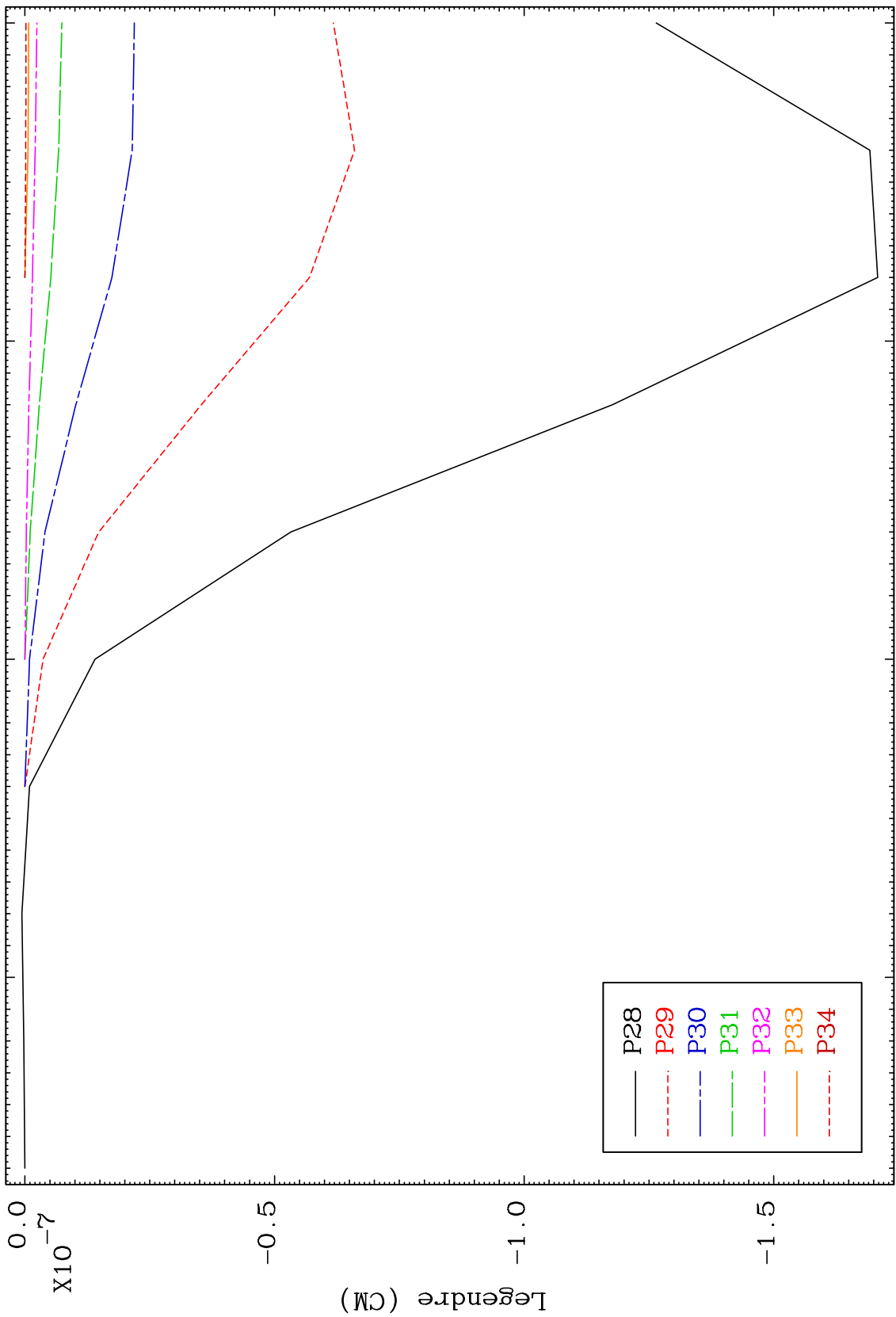
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

<sup>34</sup>Se-82

Elastic Legendre Coefficients



19

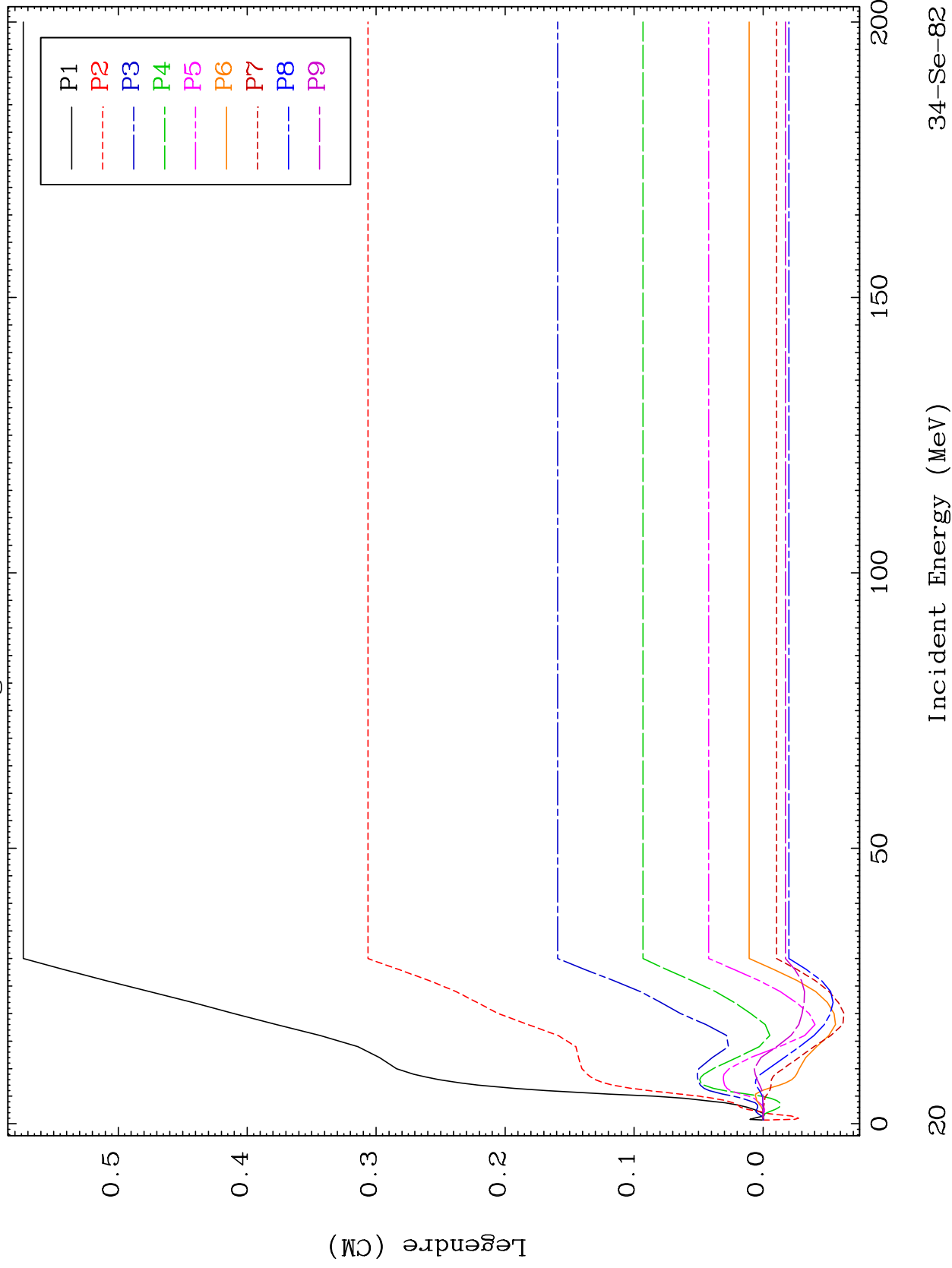
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

654.7 keV (n,n') Level  
Legendre Coefficients

34-Se-82

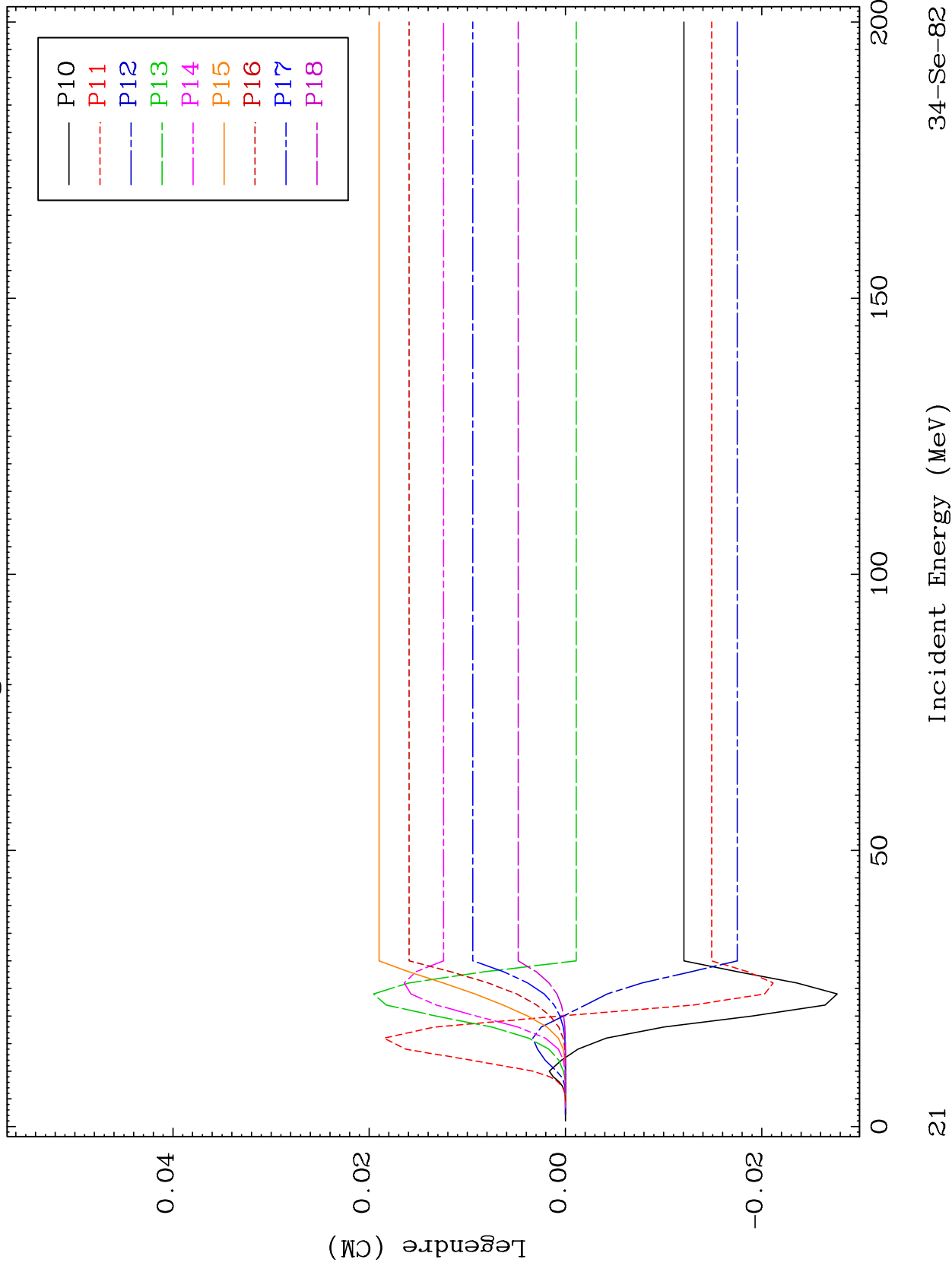


34-Se-82

MAT 3449

654.7 keV (n,n') Level  
Legendre Coefficients

34-Se-82



21

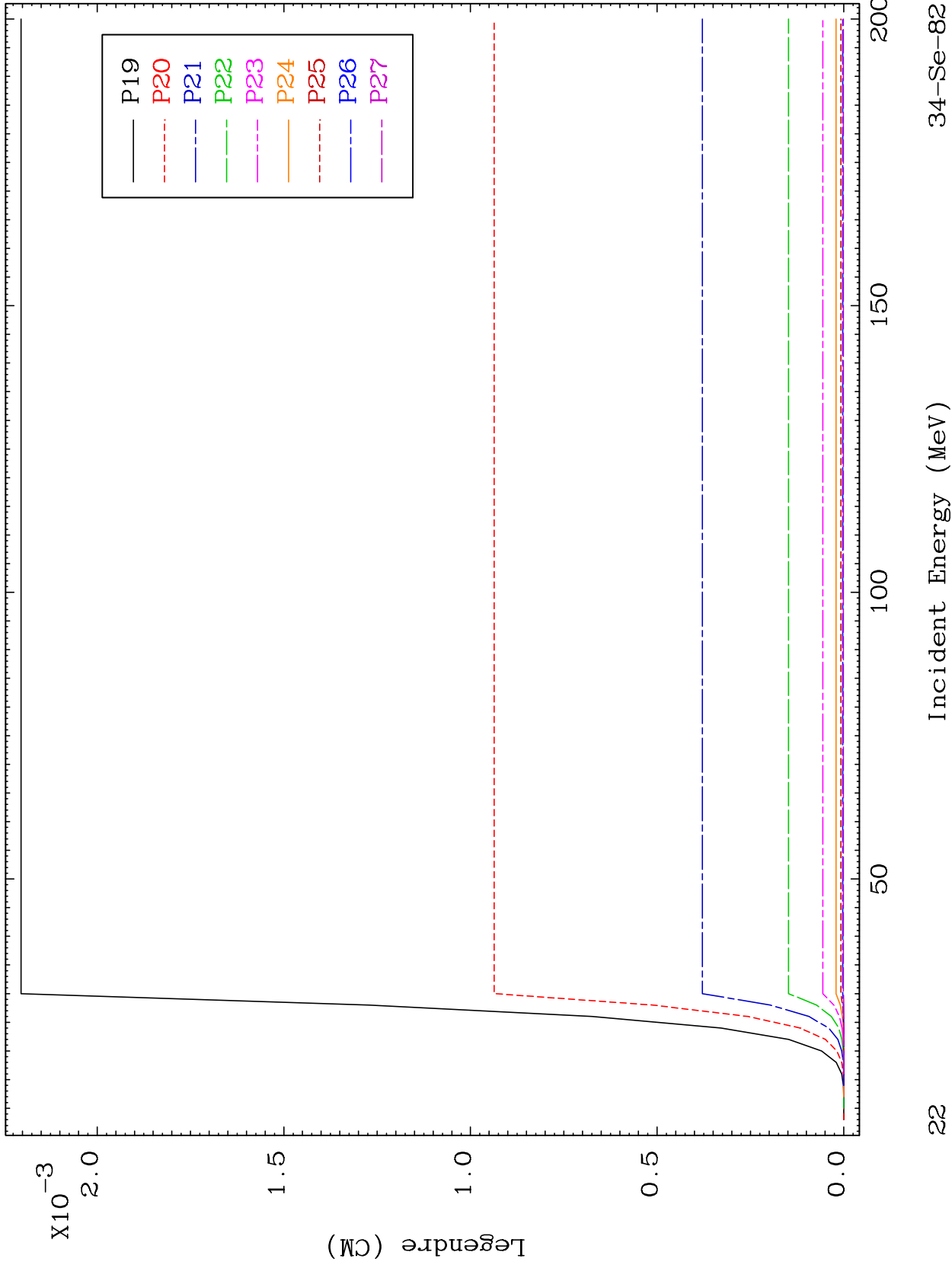
Incident Energy (MeV)

34-Se-82

MAT 3449

654.7 keV (n,n') Level  
Legendre Coefficients

34-Se-82

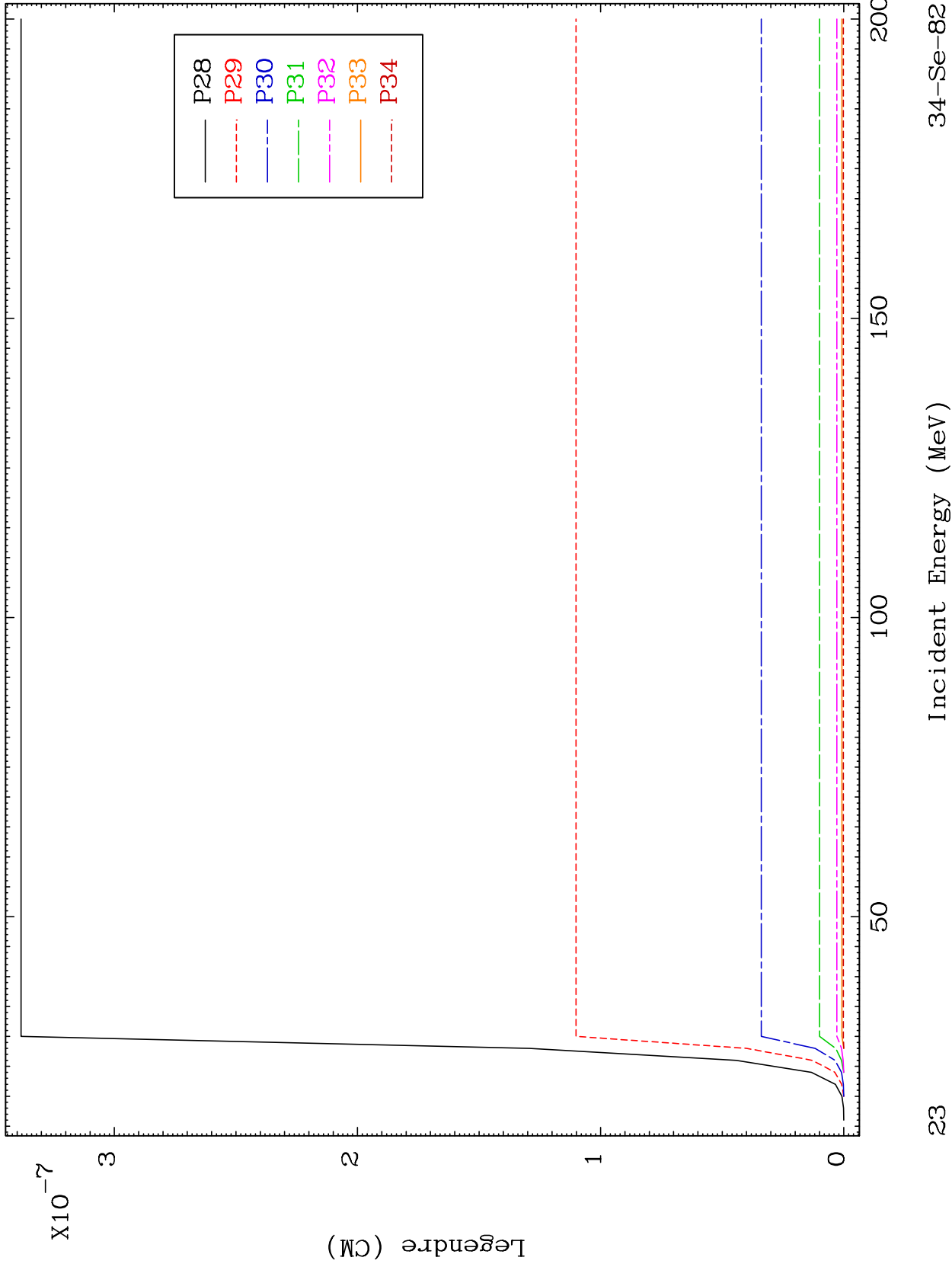


22

MAT 3449

654.7 keV (n,n') Level  
Legendre Coefficients

34-Se-82



23

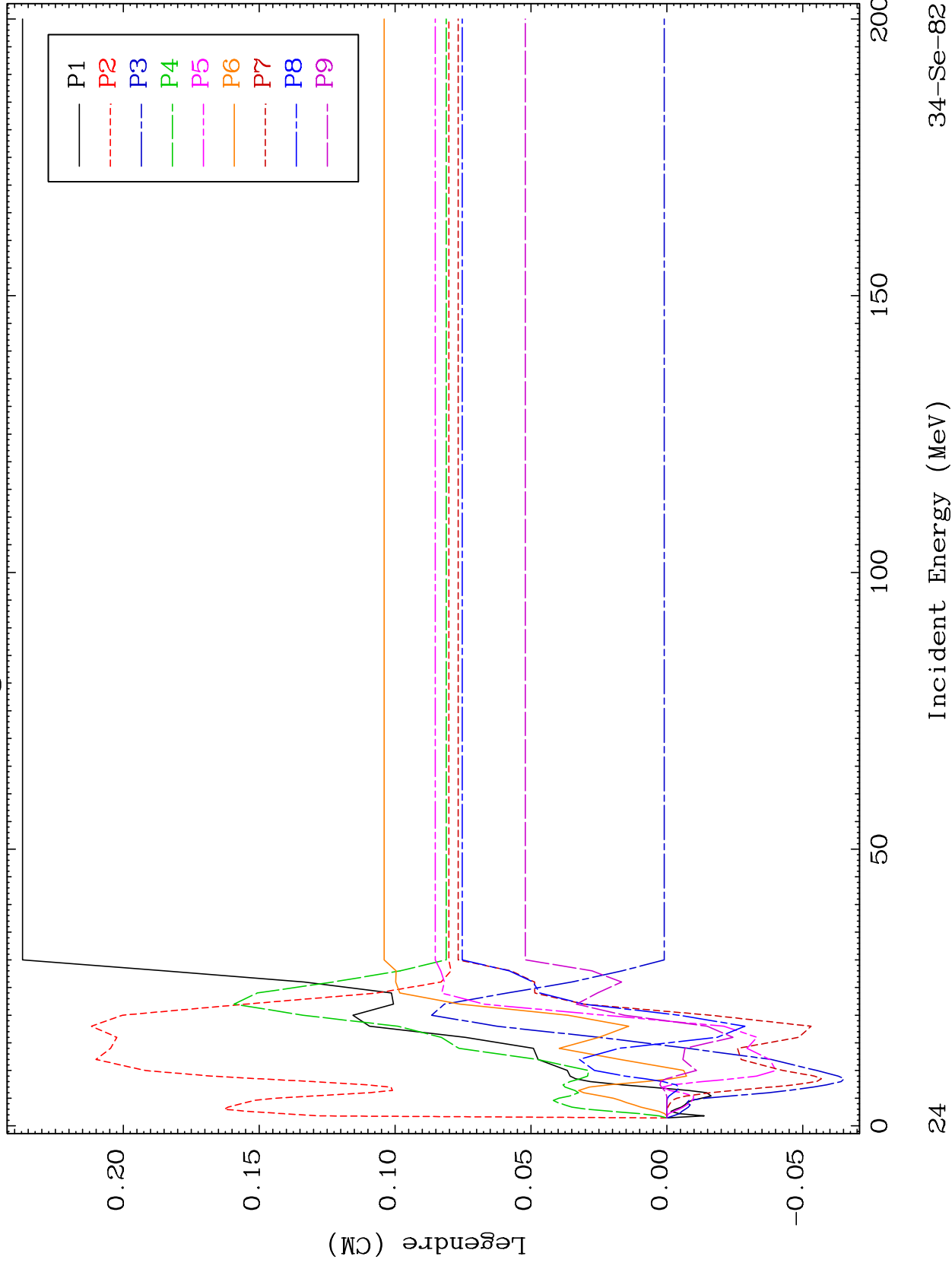
34-Se-82



MAT 3449

1.410 MeV (n,n') Level  
Legendre Coefficients

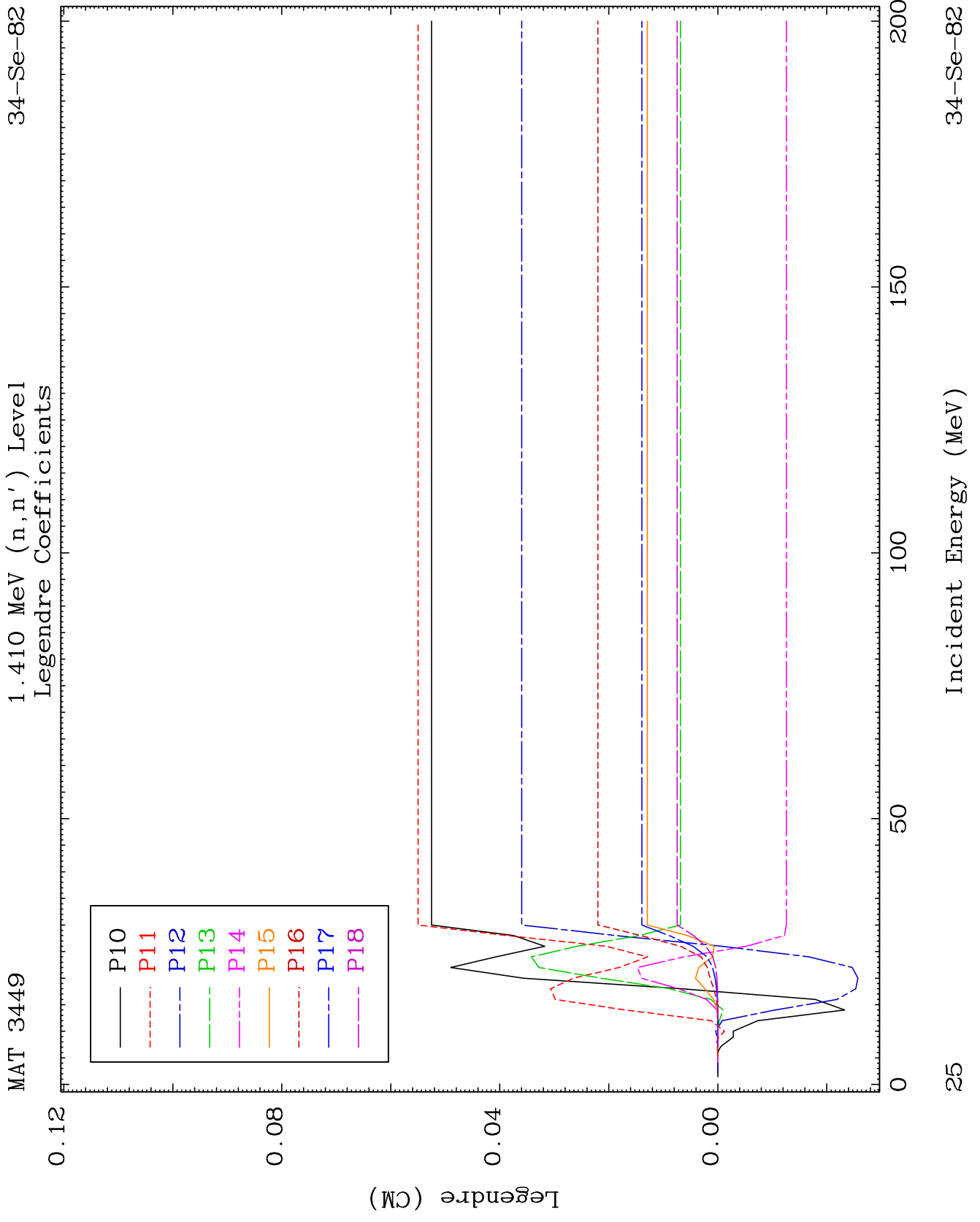
34-Se-82



34-Se-82

Incident Energy (MeV)

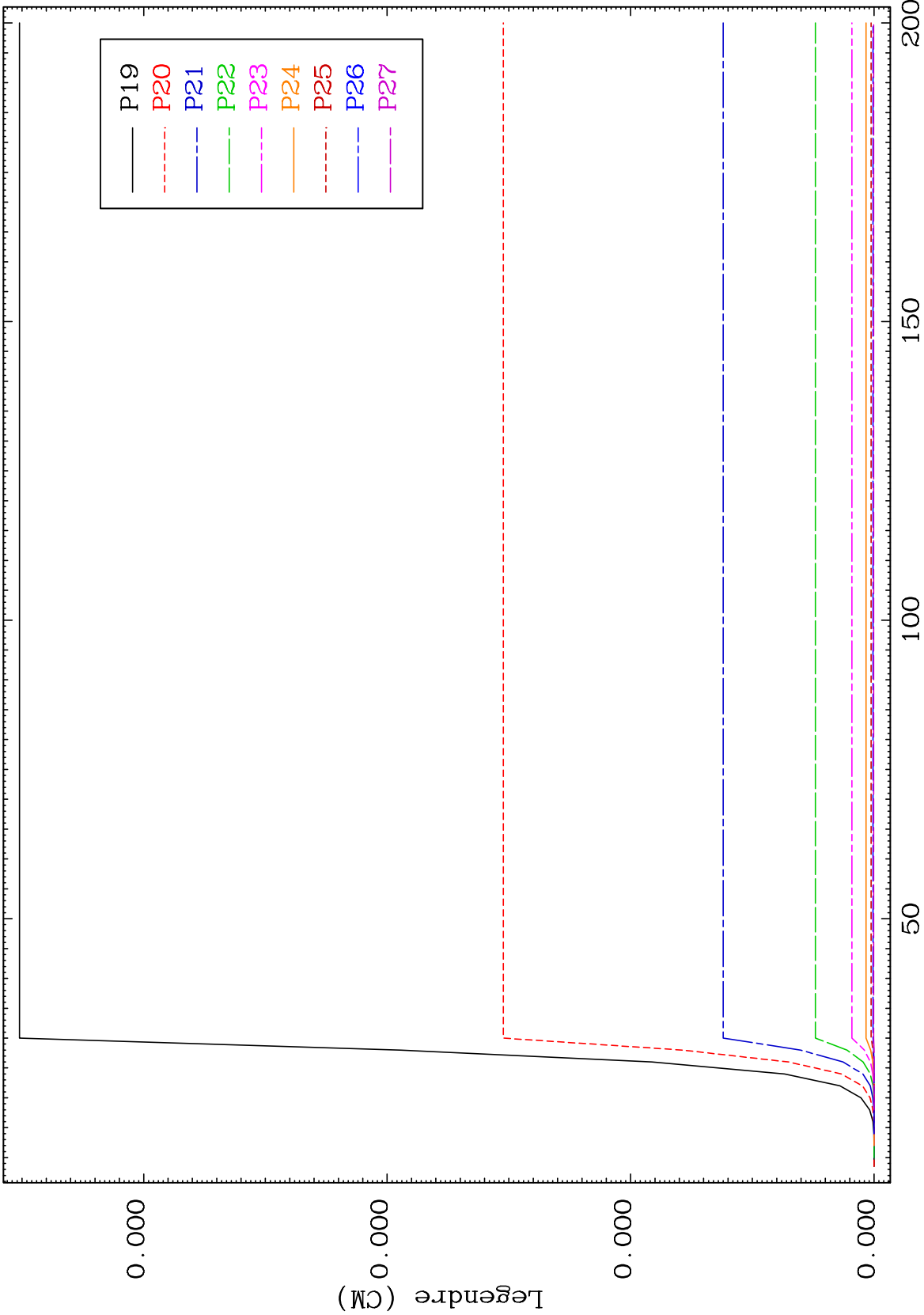
24



MAT 3449

1.410 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



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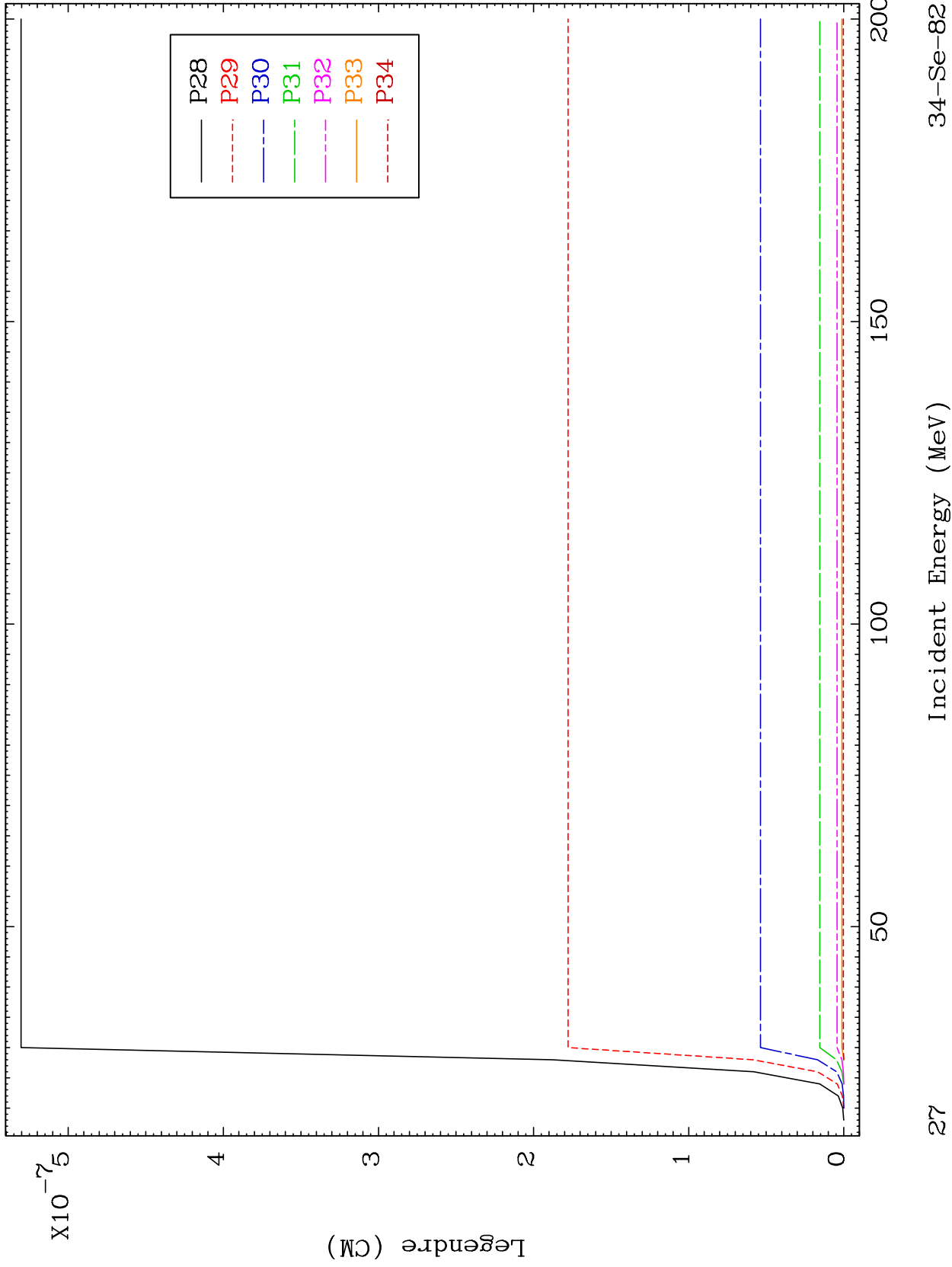
Incident Energy (MeV)

34-Se-82

MAT 3449

1.410 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



27

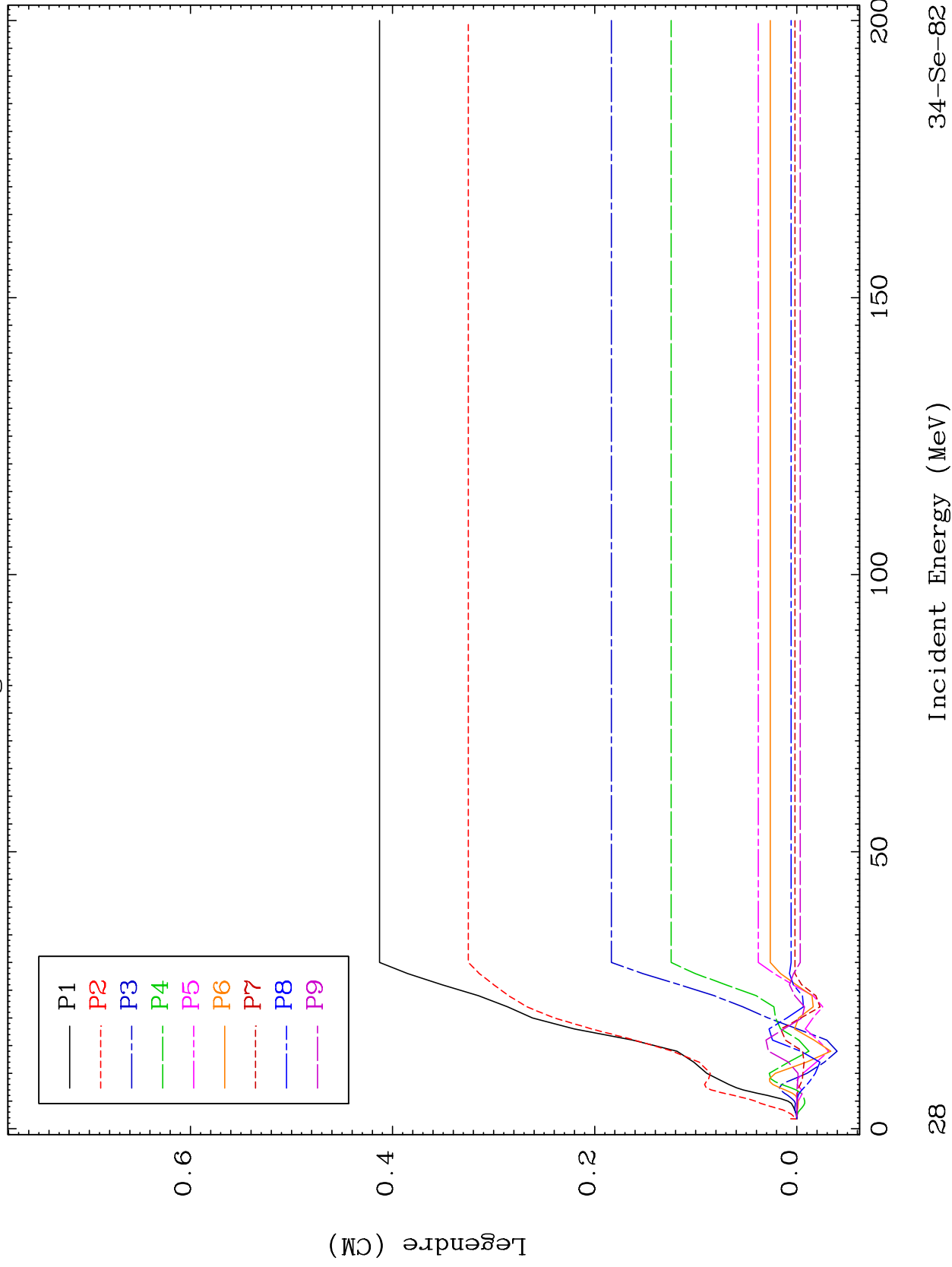
Incident Energy (MeV)

34-Se-82

MAT 3449

1.732 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



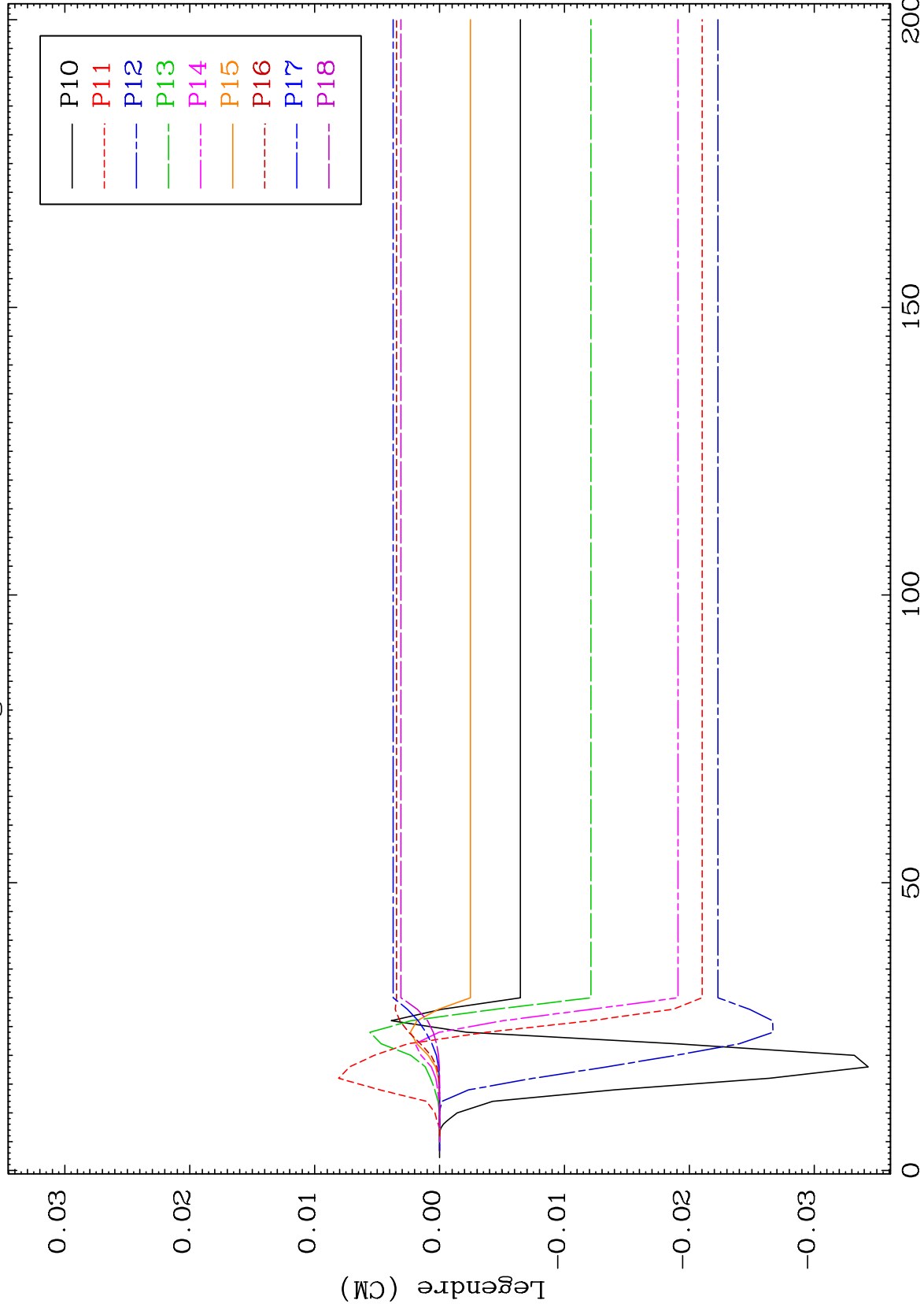
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34-Se-82

MAT 3449

1.732 MeV (n,n') Level  
Legendre Coefficients

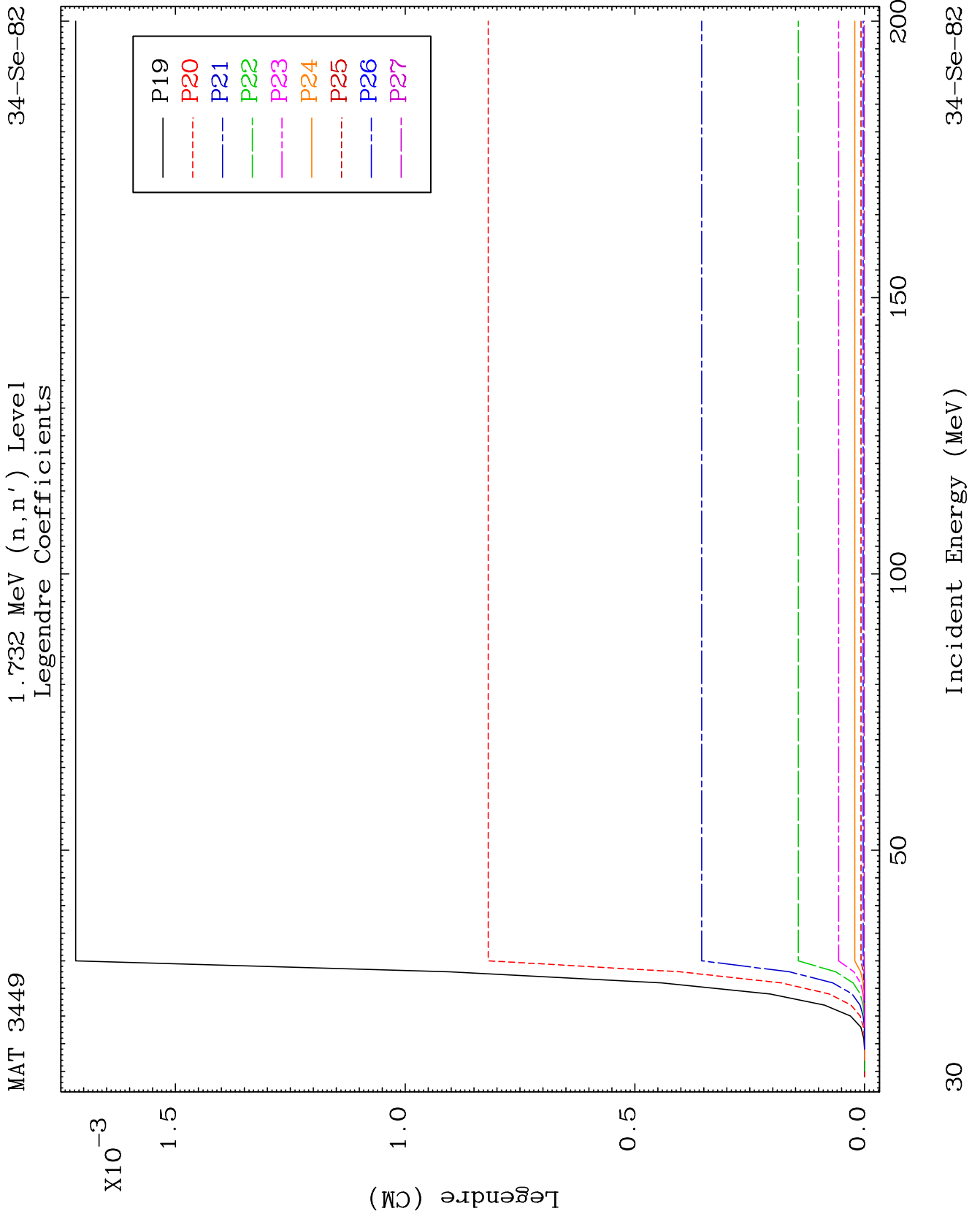
<sup>34</sup>Se-82



29

Incident Energy (MeV)

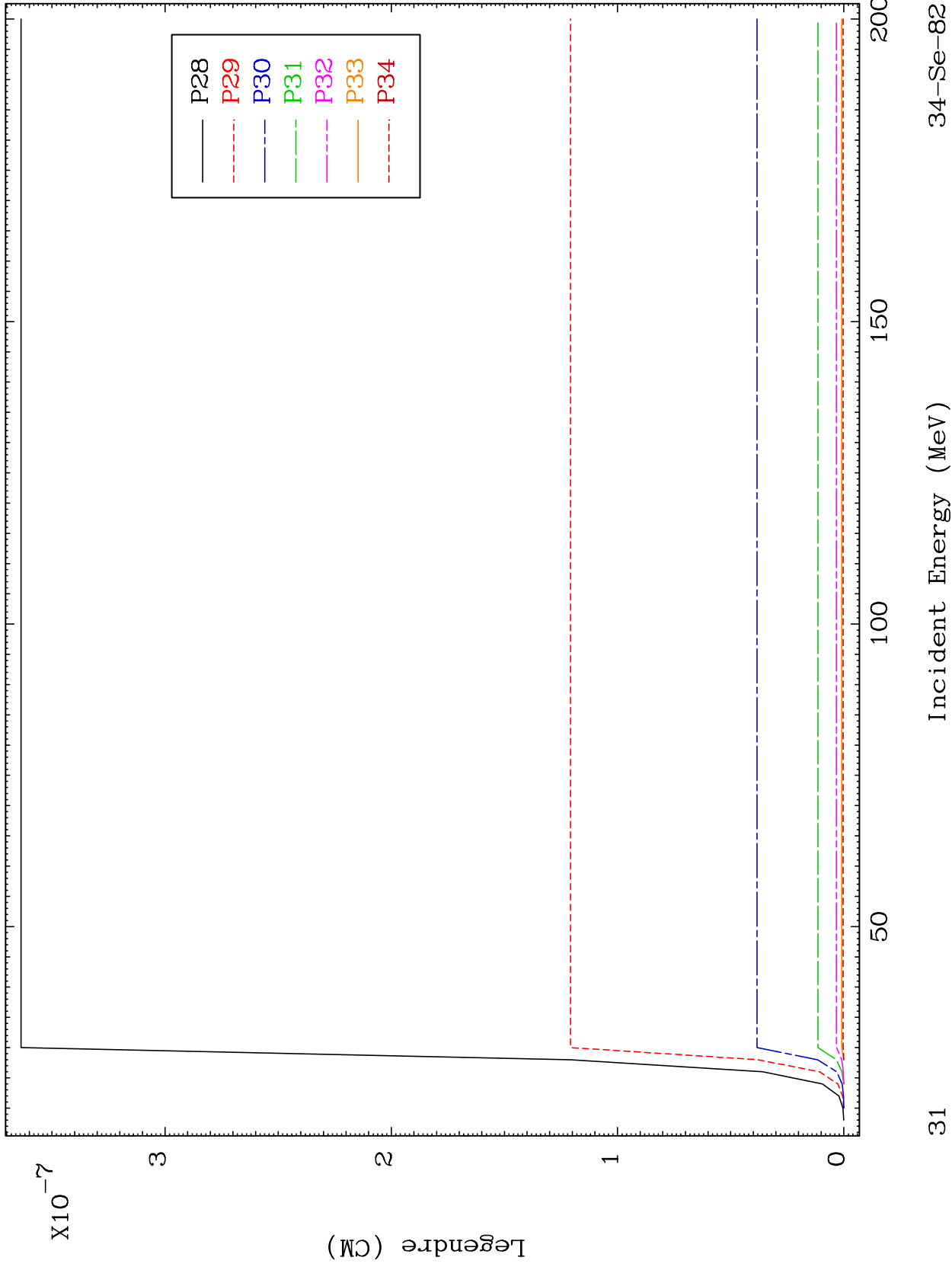
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MAT 3449

1.732 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



31

Incident Energy (MeV)

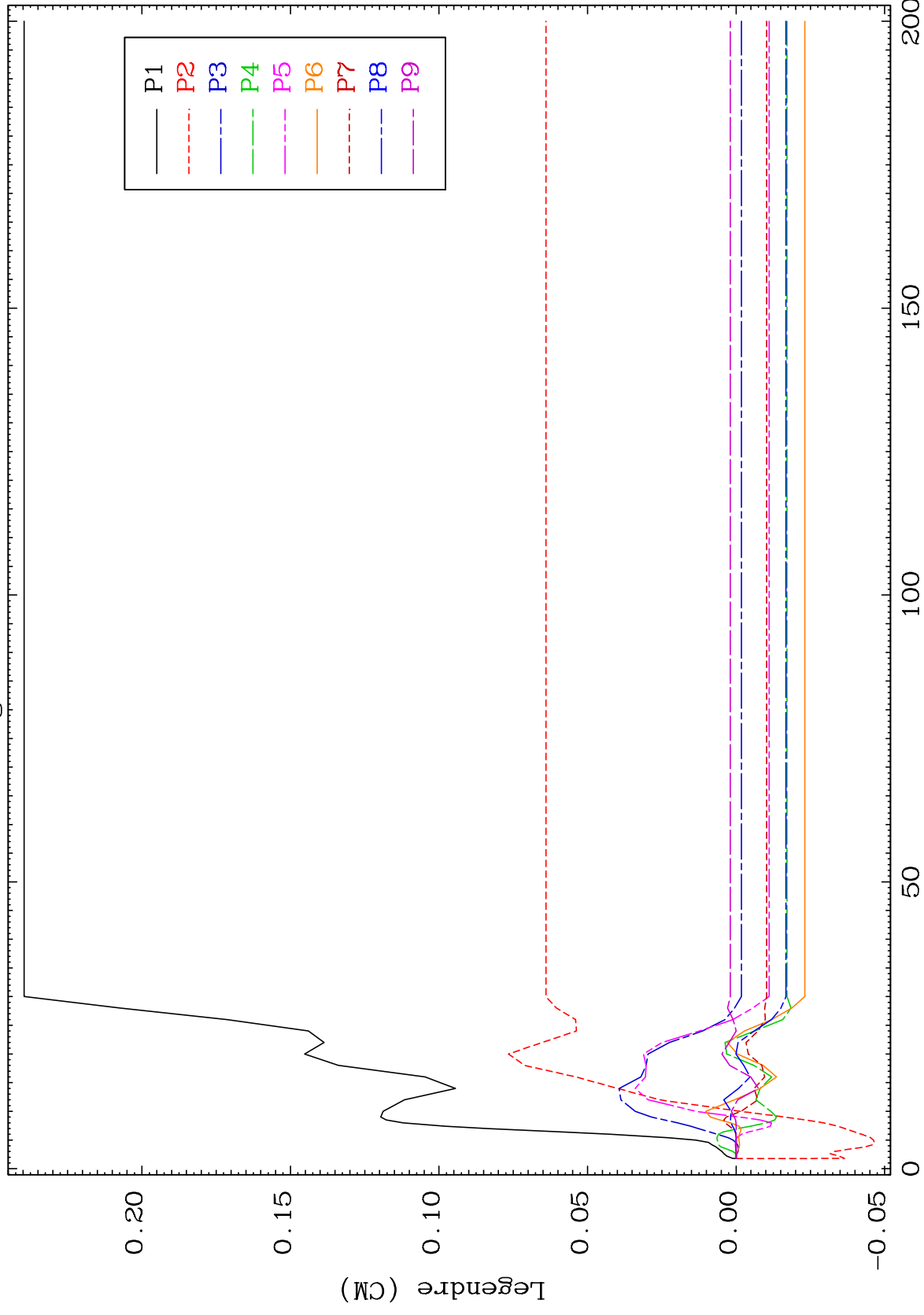
34-Se-82



MAT 3449

1.735 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



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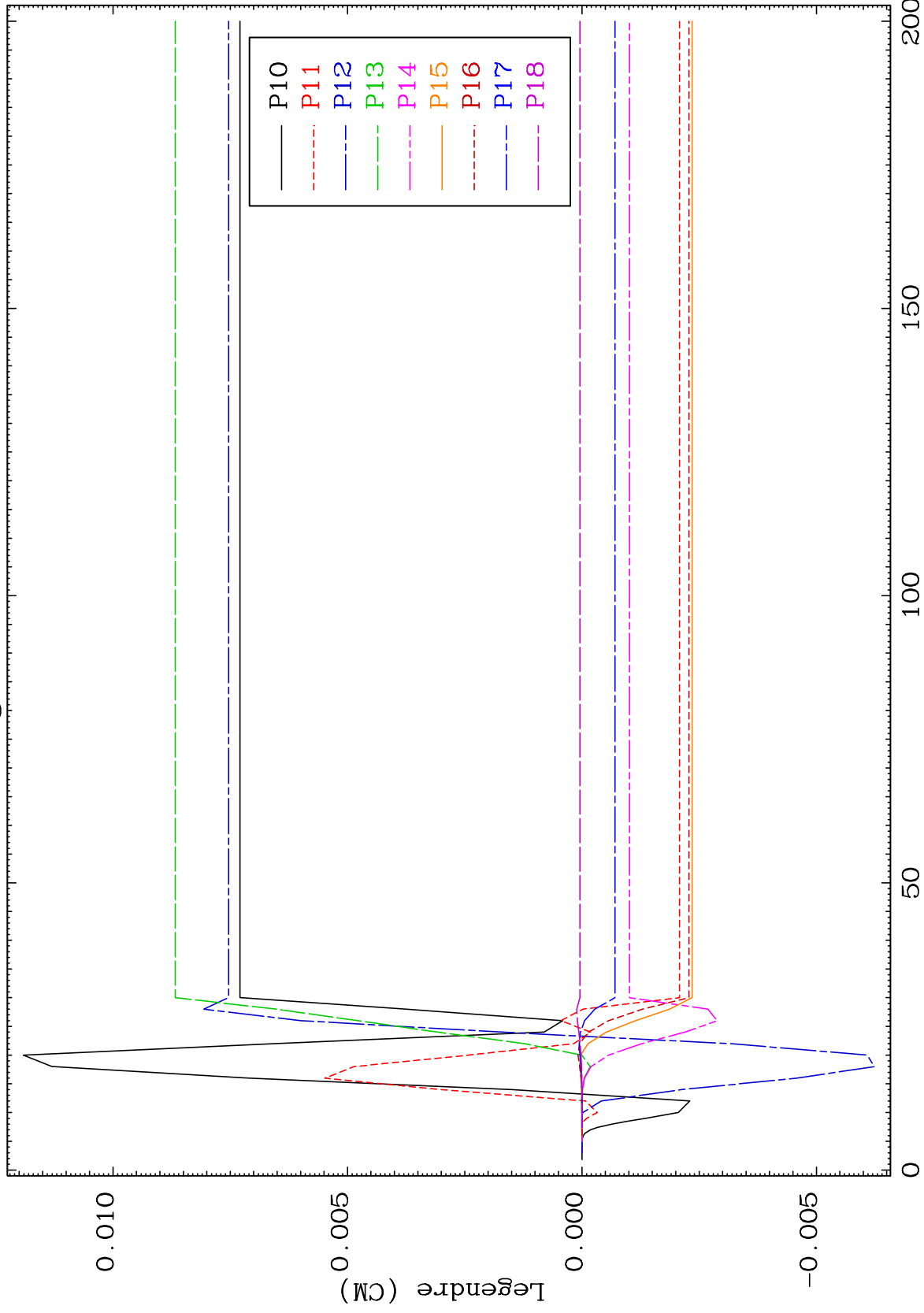
Incident Energy (MeV)

34-Se-82

MAT 3449

1.735 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



33

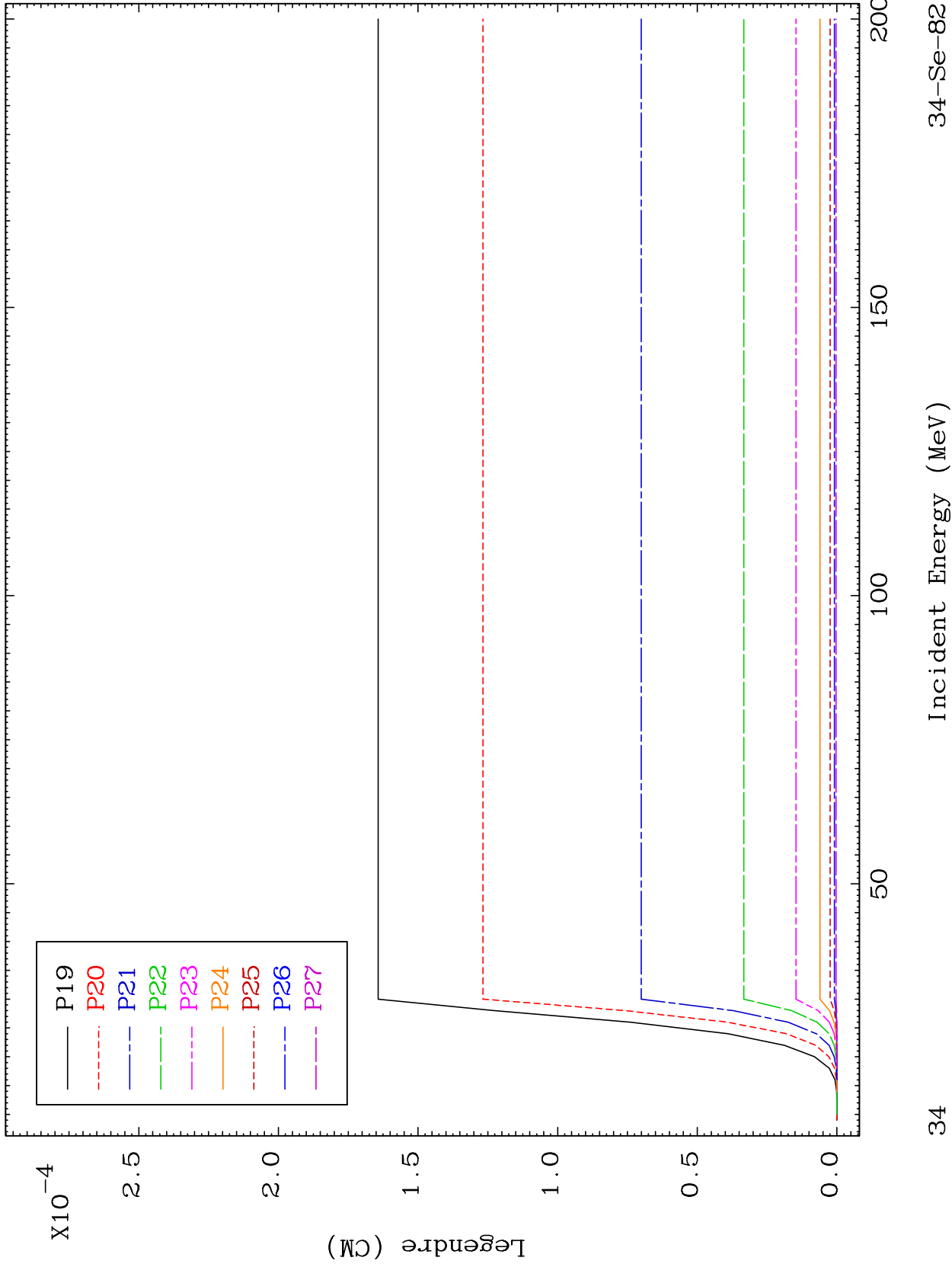
Incident Energy (MeV)

34-Se-82

MAT 3449

1.735 MeV (n,n') Level  
Legendre Coefficients

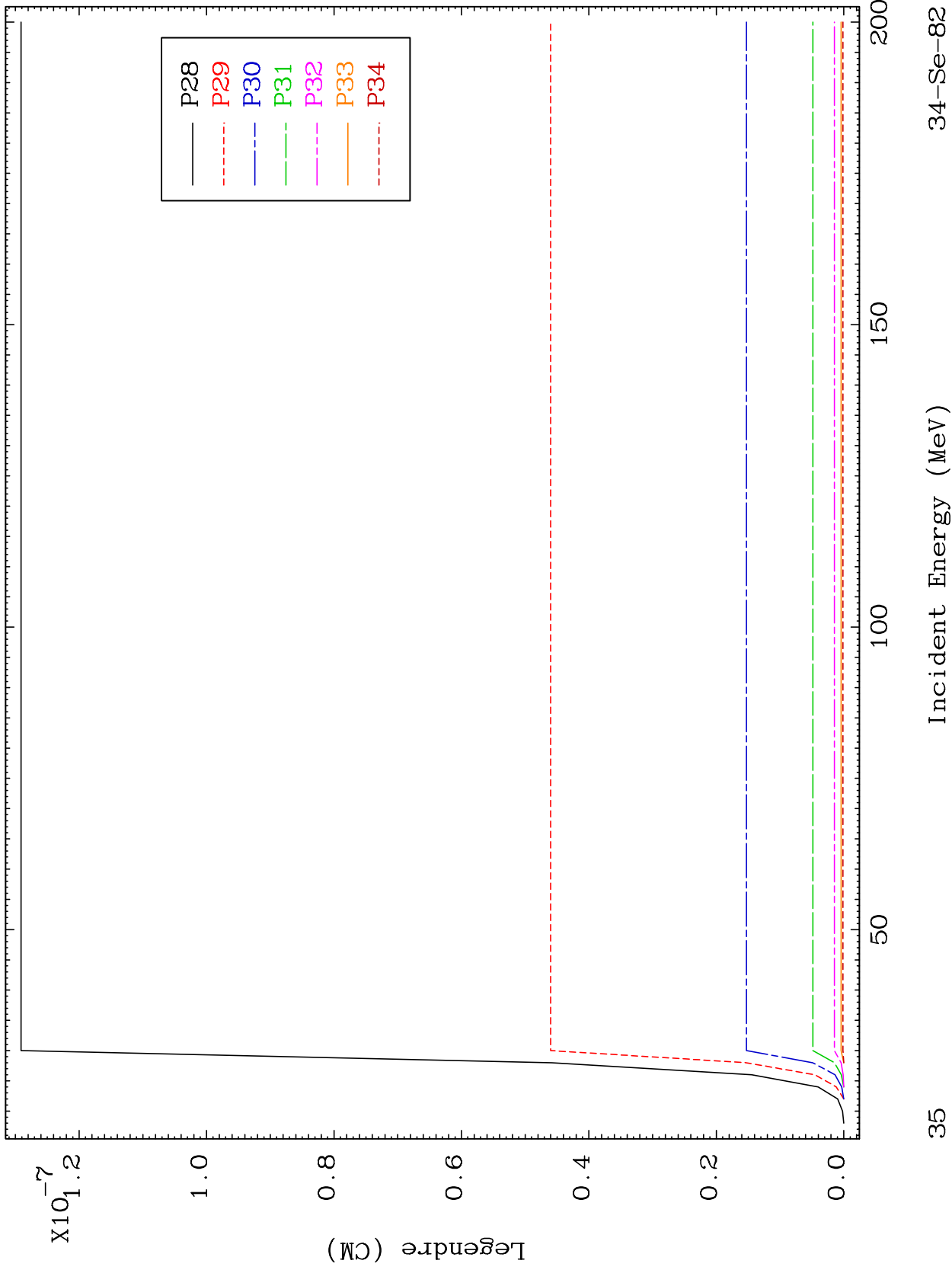
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MAT 3449

1.735 MeV (n,n') Level  
Legendre Coefficients

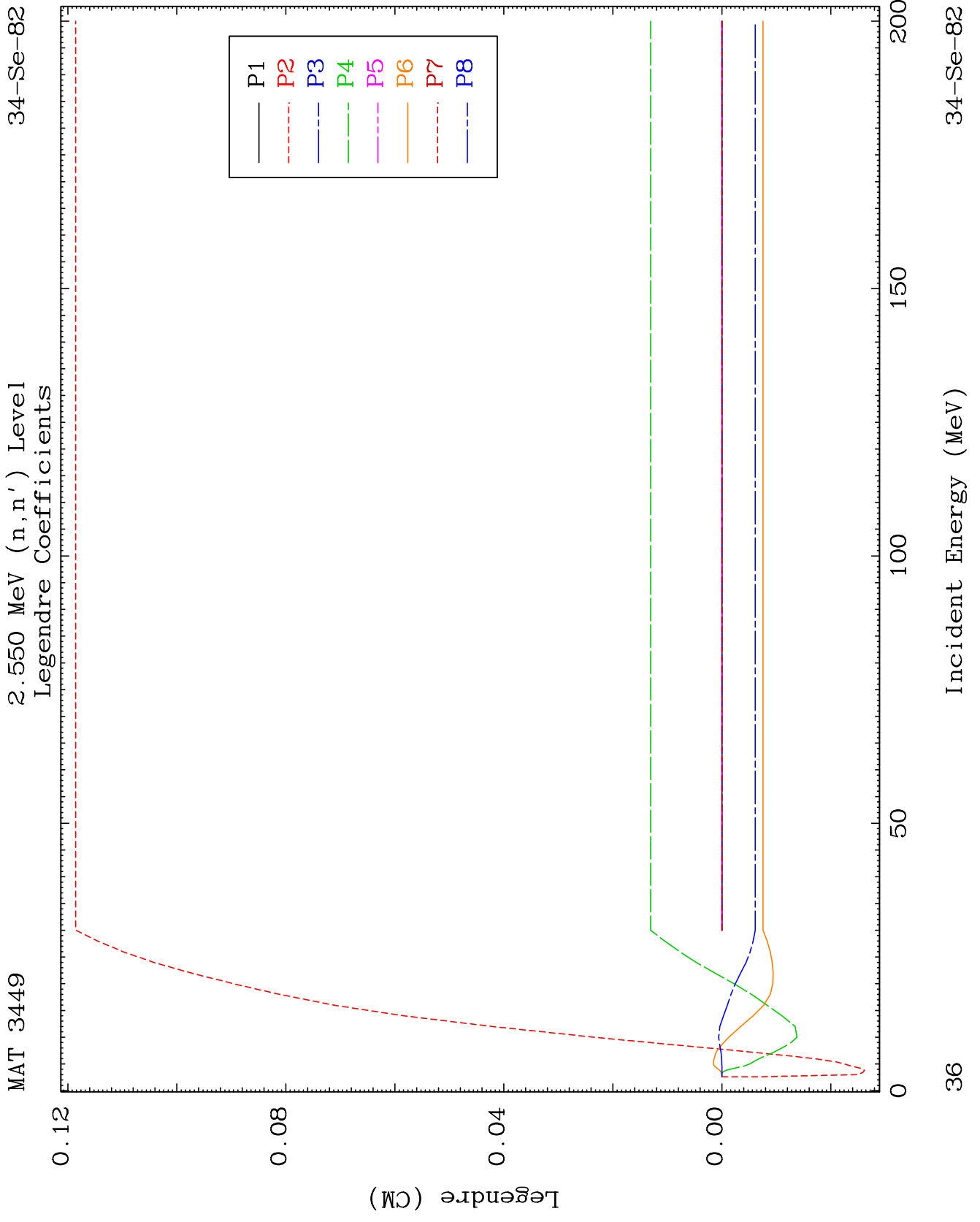
34-Se-82

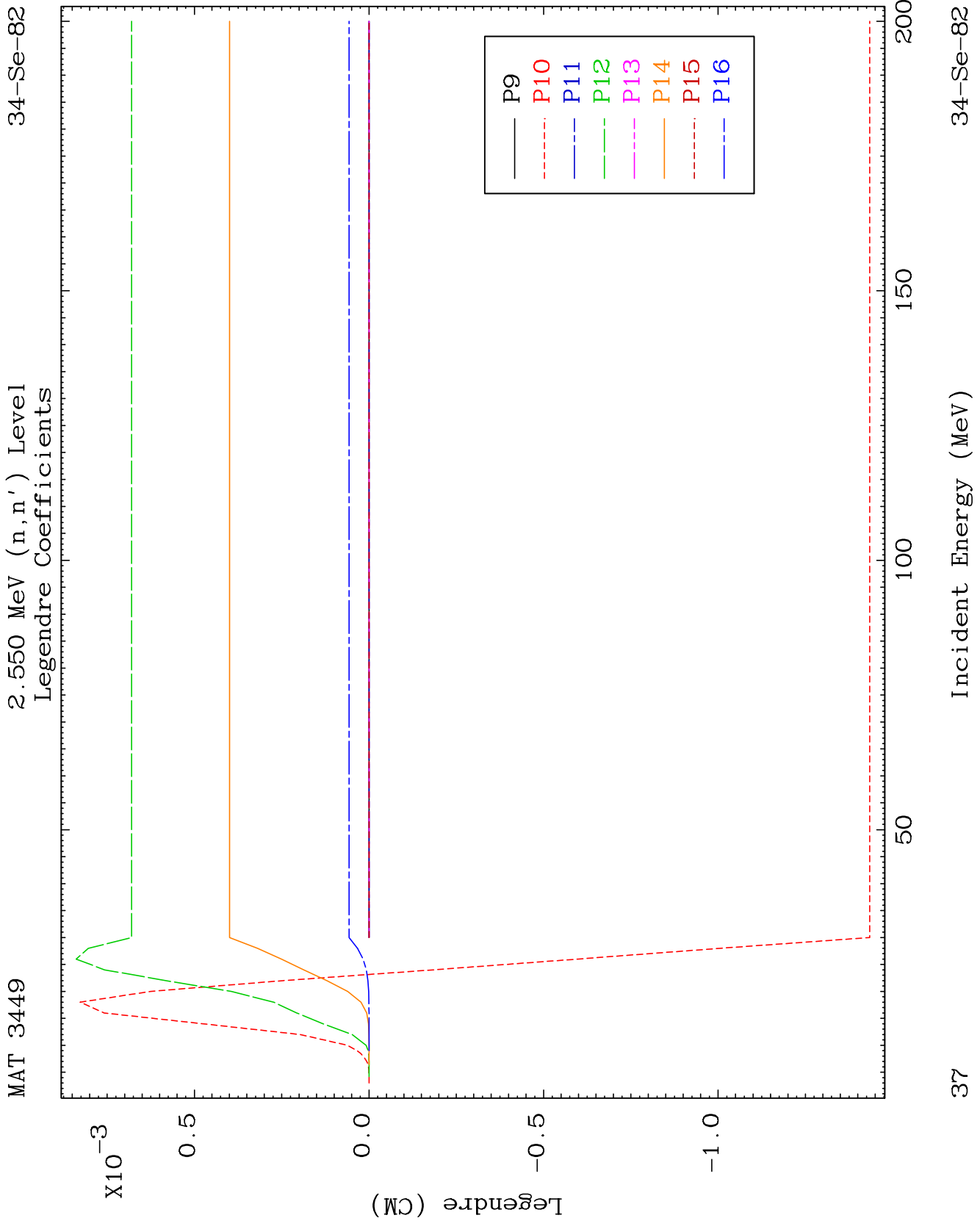


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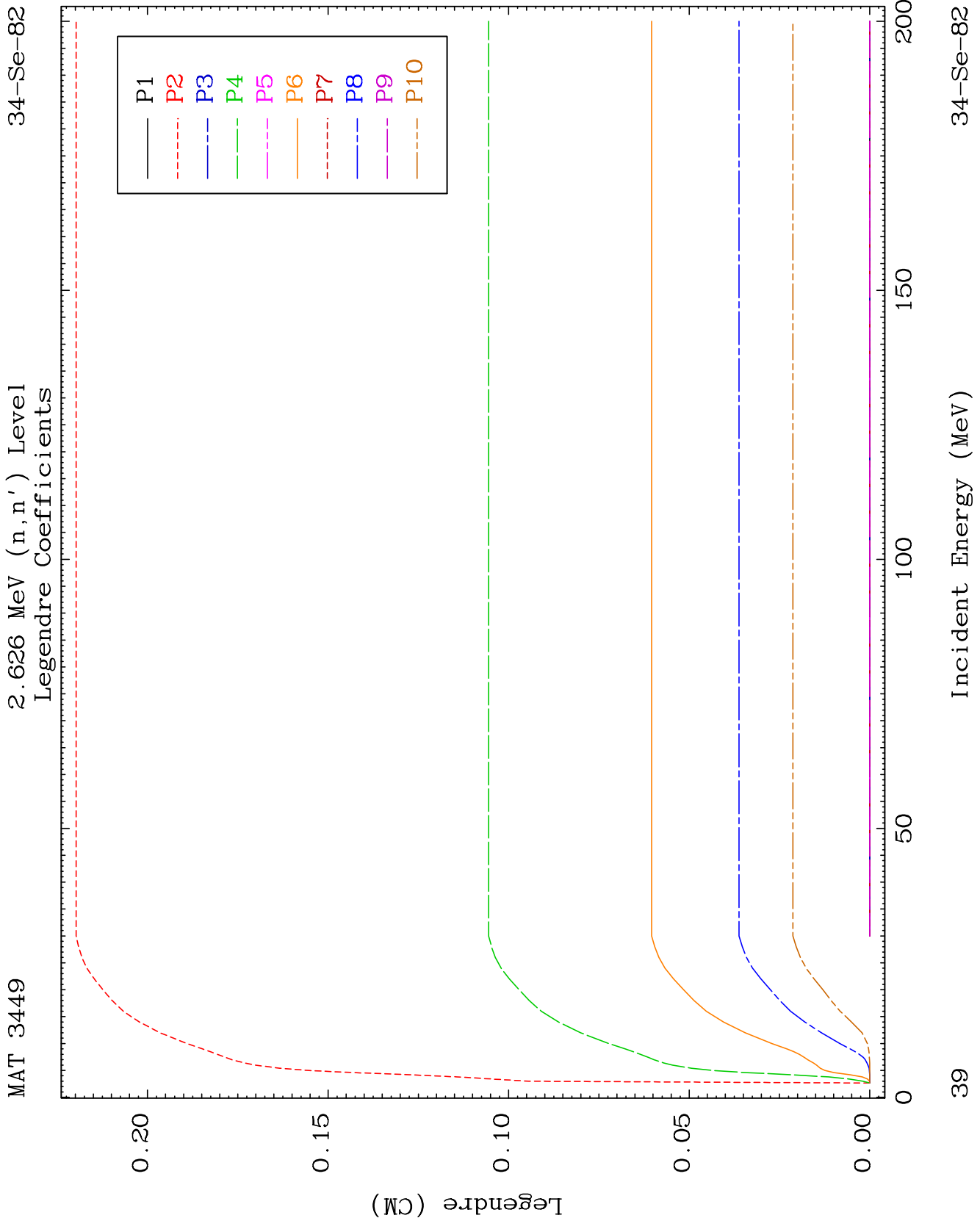
Incident Energy (MeV)

34-Se-82



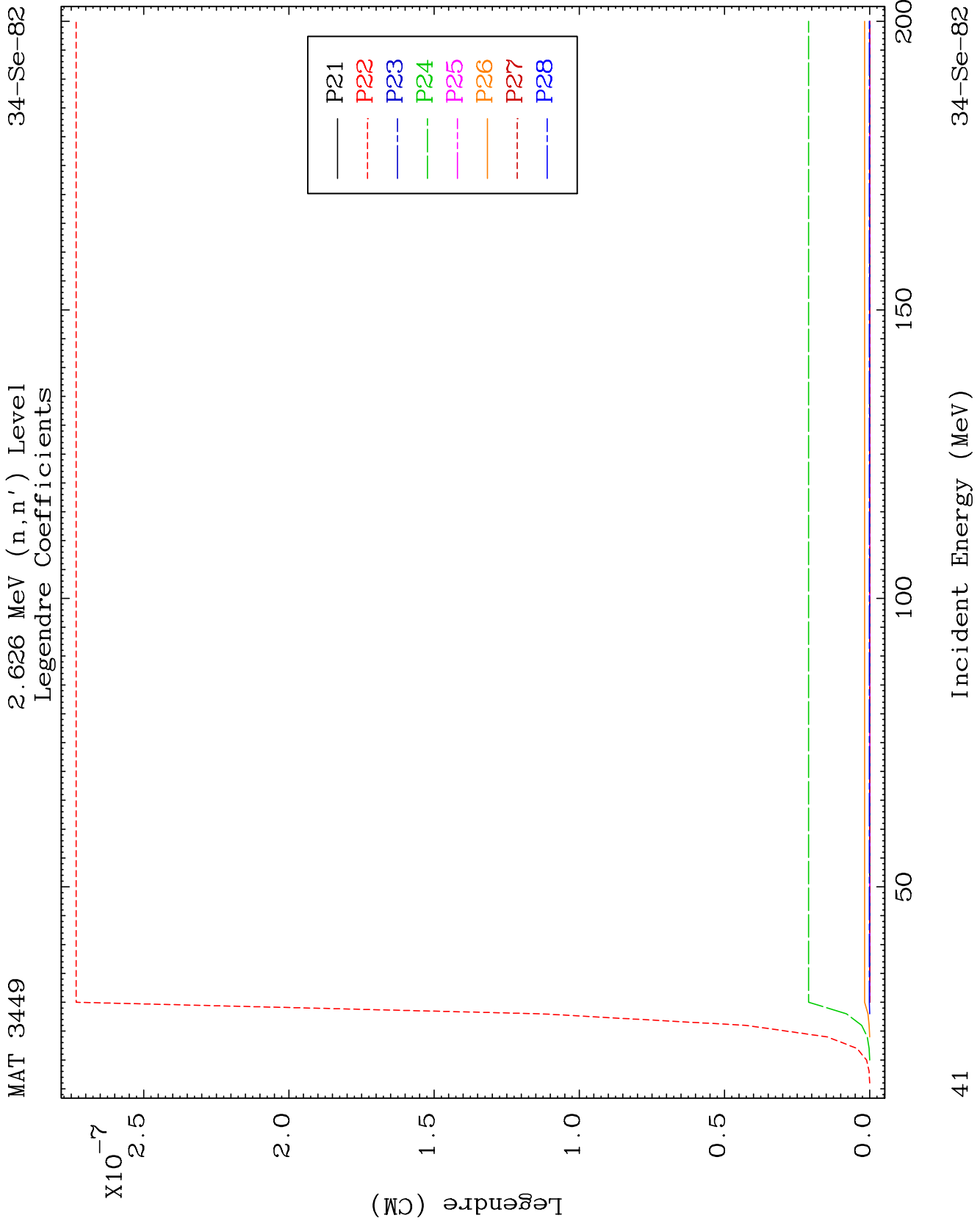








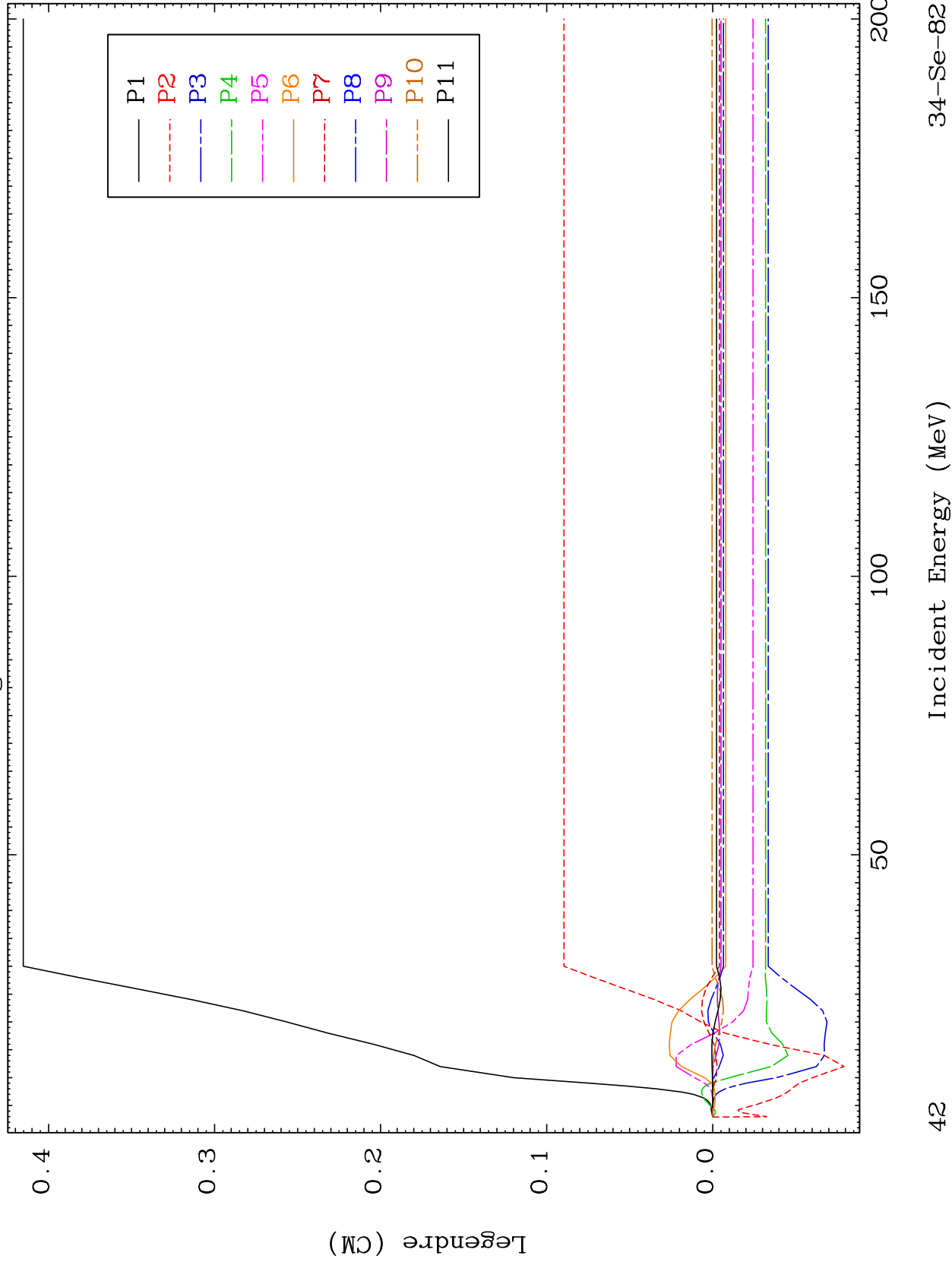




MAT 3449

2.894 MeV (n,n') Level  
Legendre Coefficients

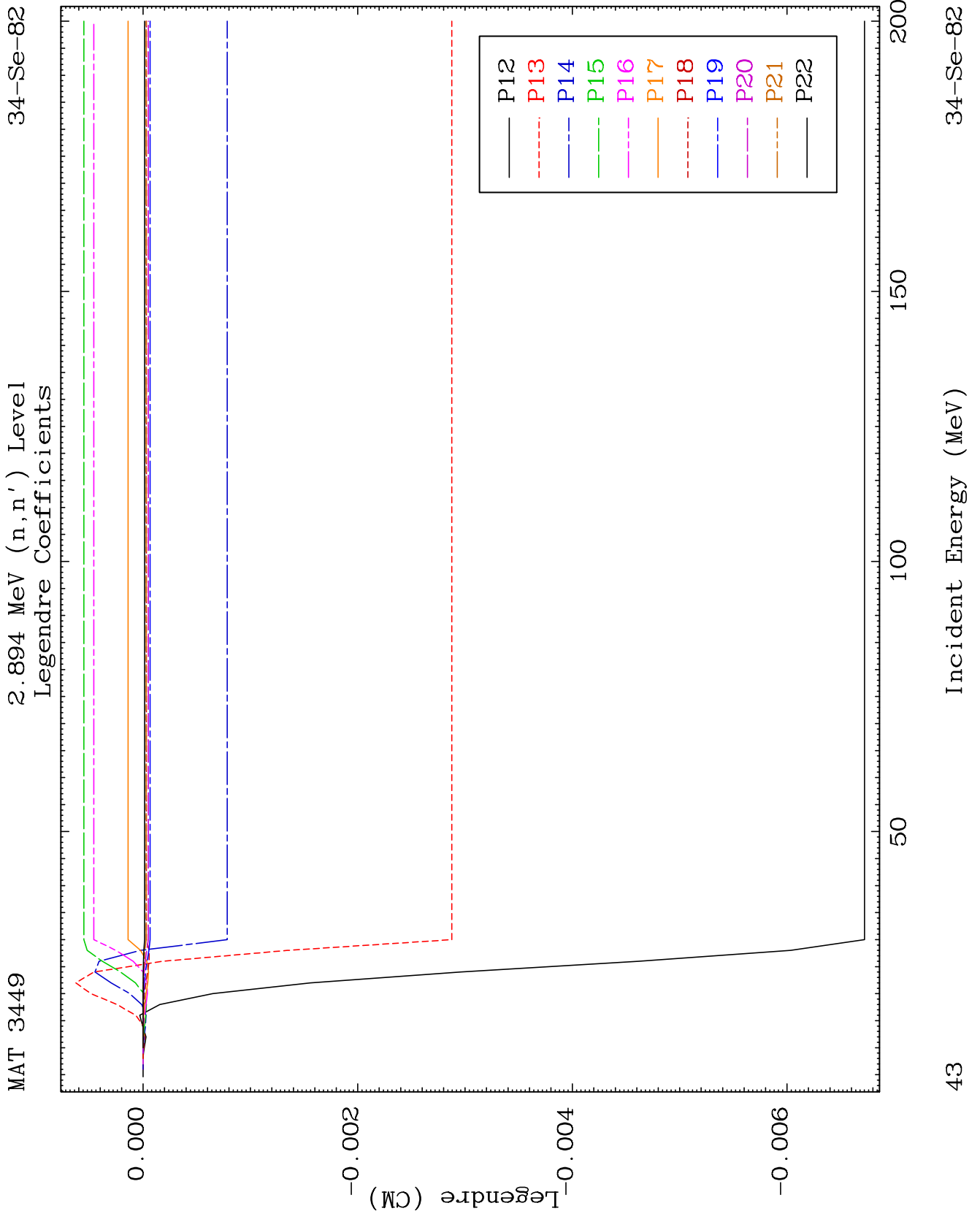
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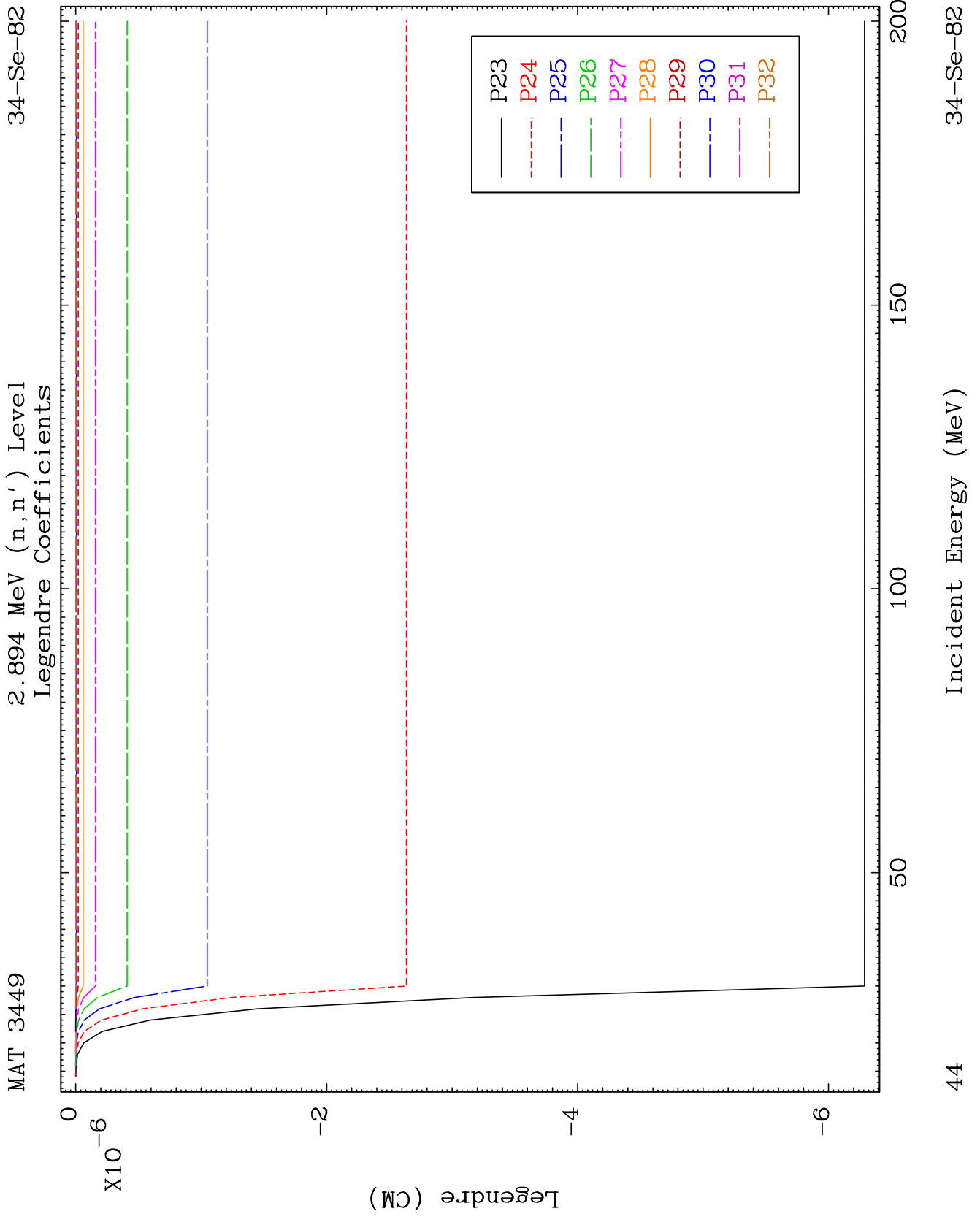


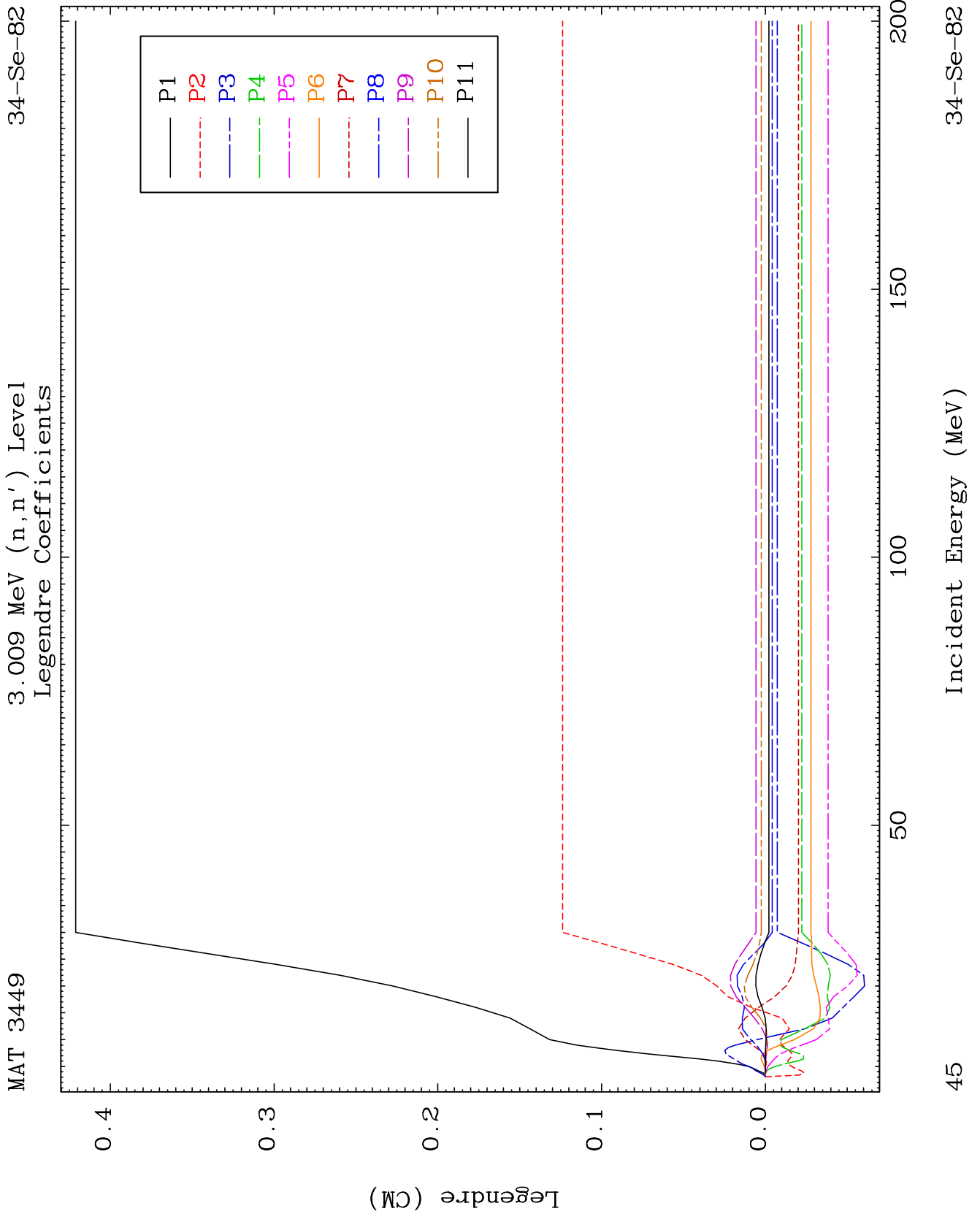
34-Se-82

Incident Energy (MeV)

42



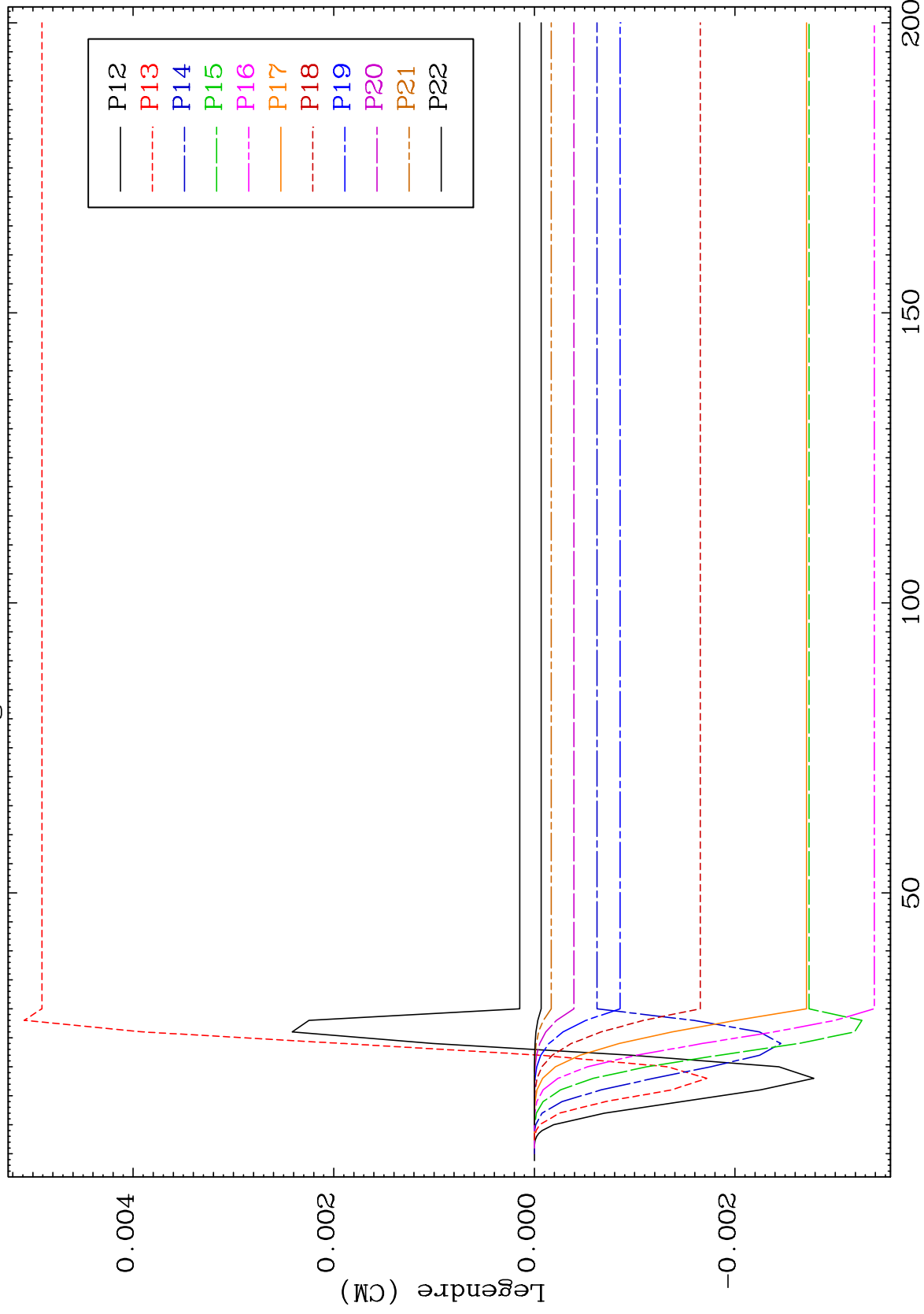




MAT 3449

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Legendre Coefficients

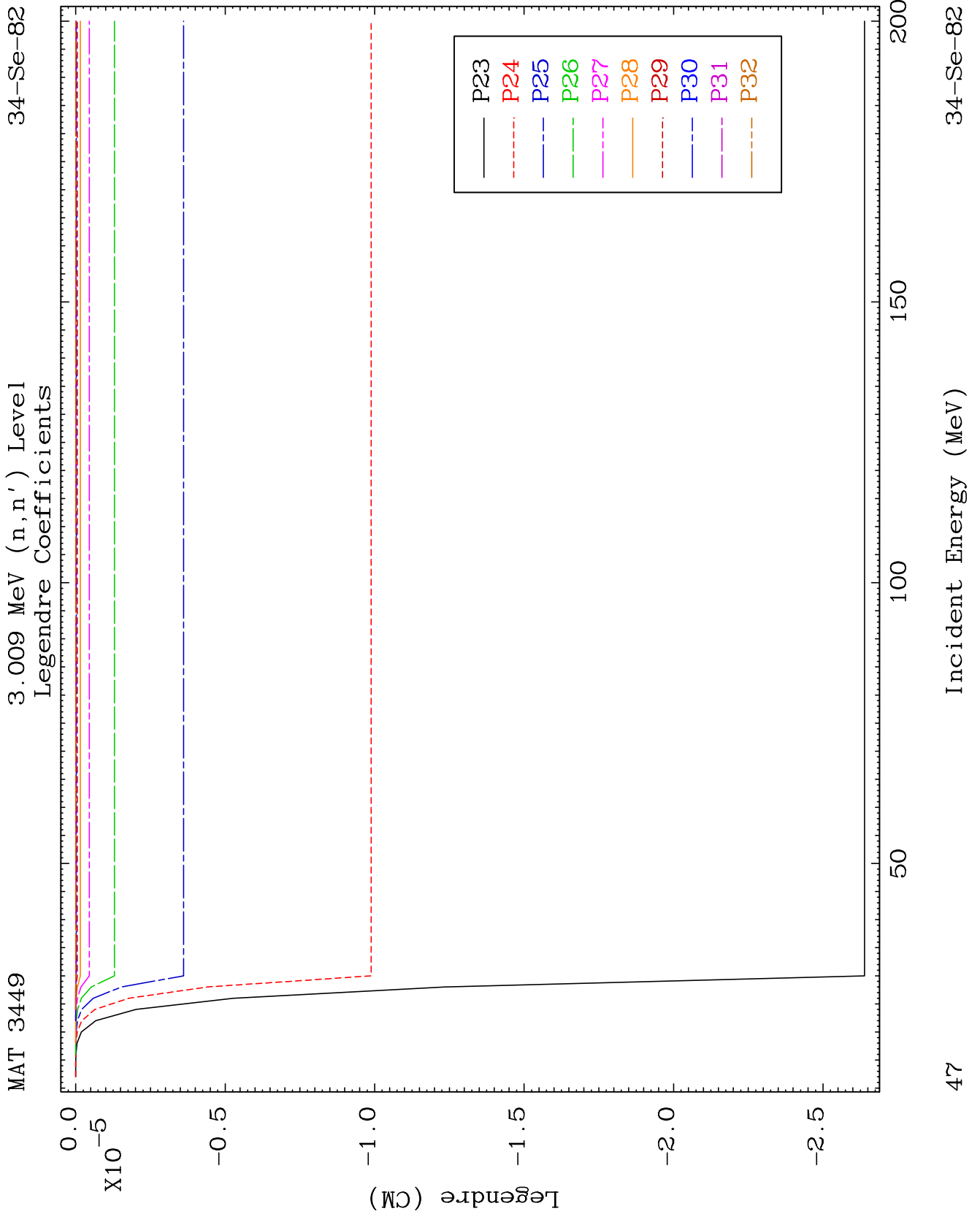
34-Se-82



46

Incident Energy (MeV)

34-Se-82

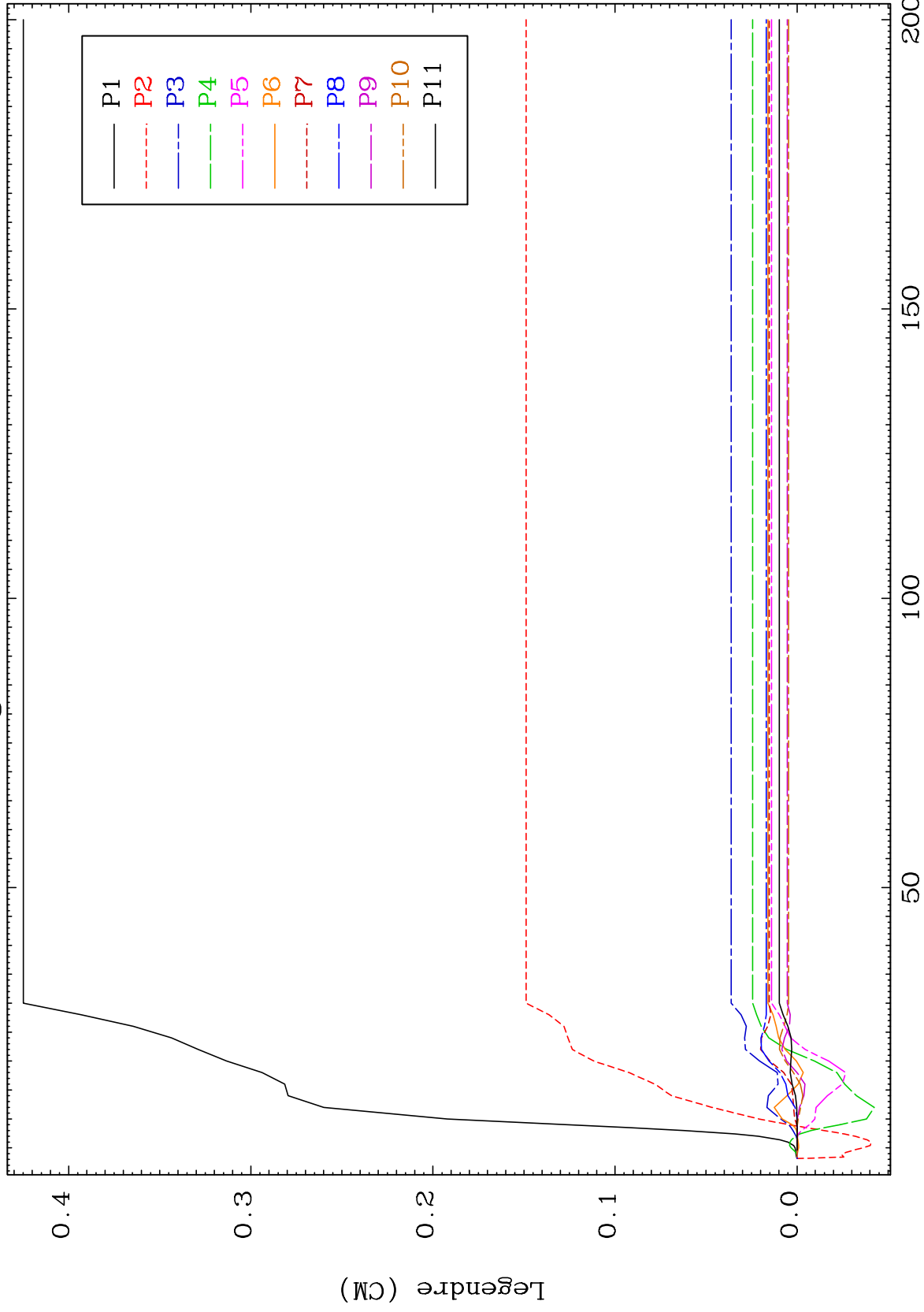




MAT 3449

3.103 MeV (n,n') Level  
Legendre Coefficients

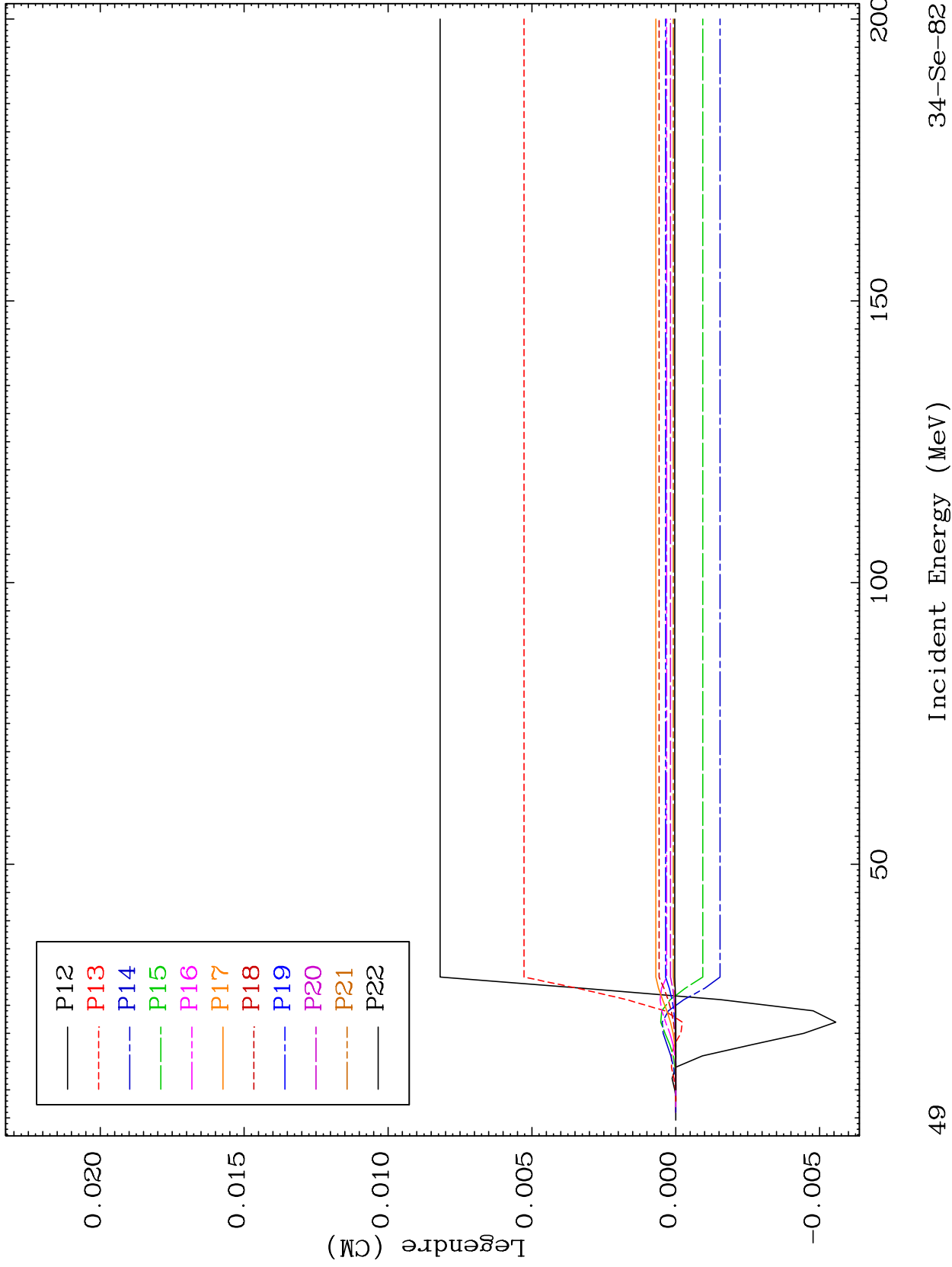
<sup>34</sup>Se-82

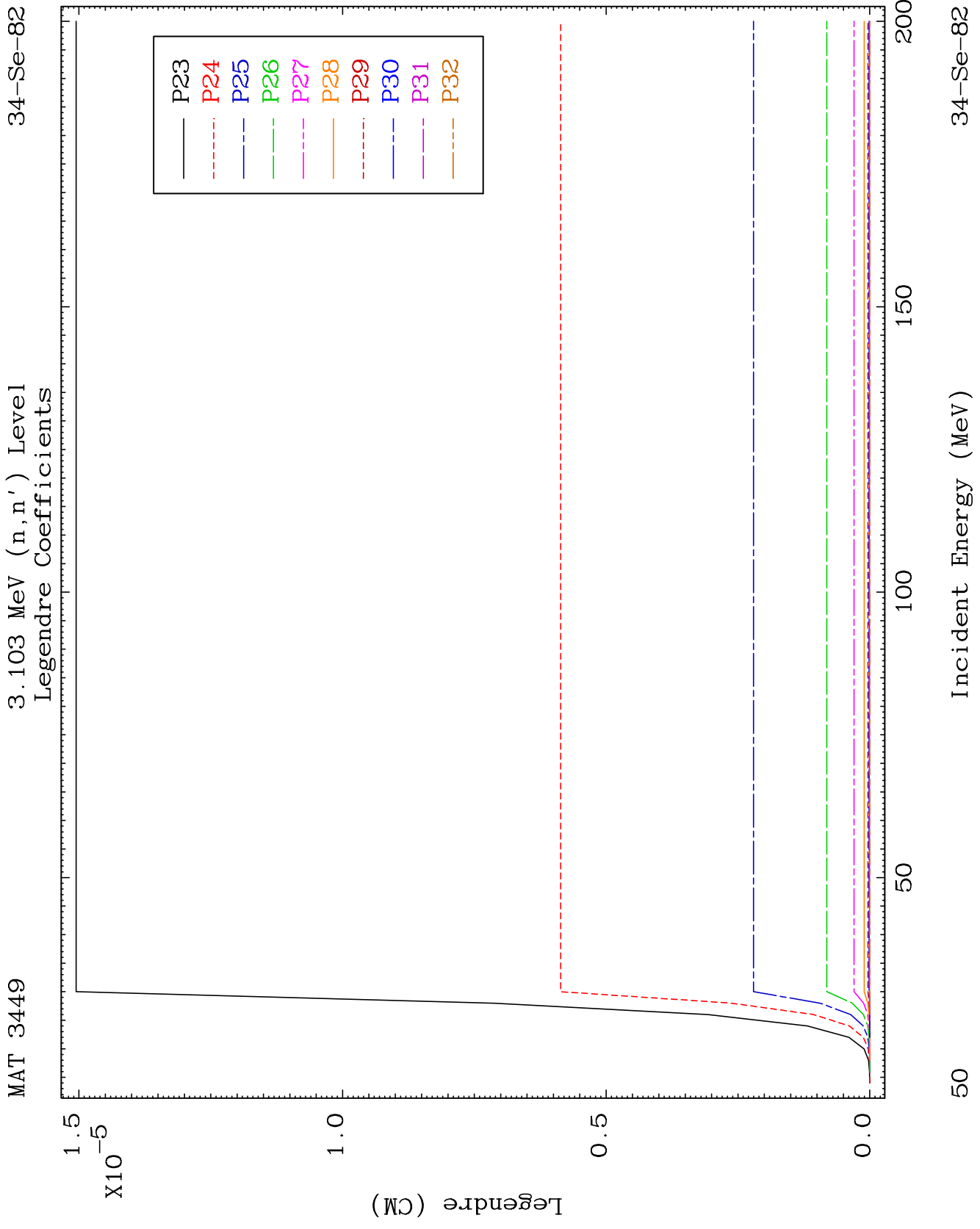


48

Incident Energy (MeV)

<sup>34</sup>Se-82

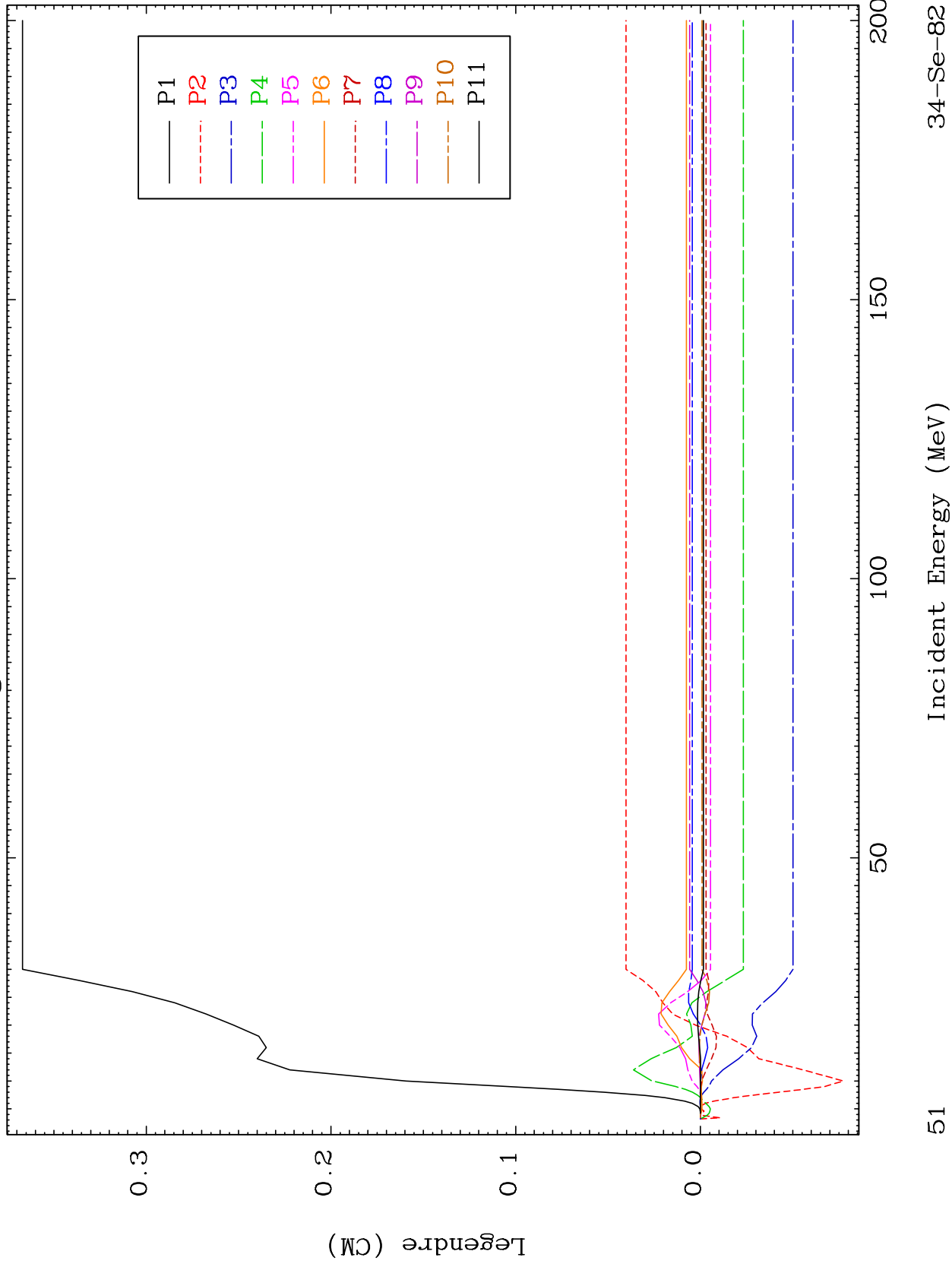




MAT 3449

3.145 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



51

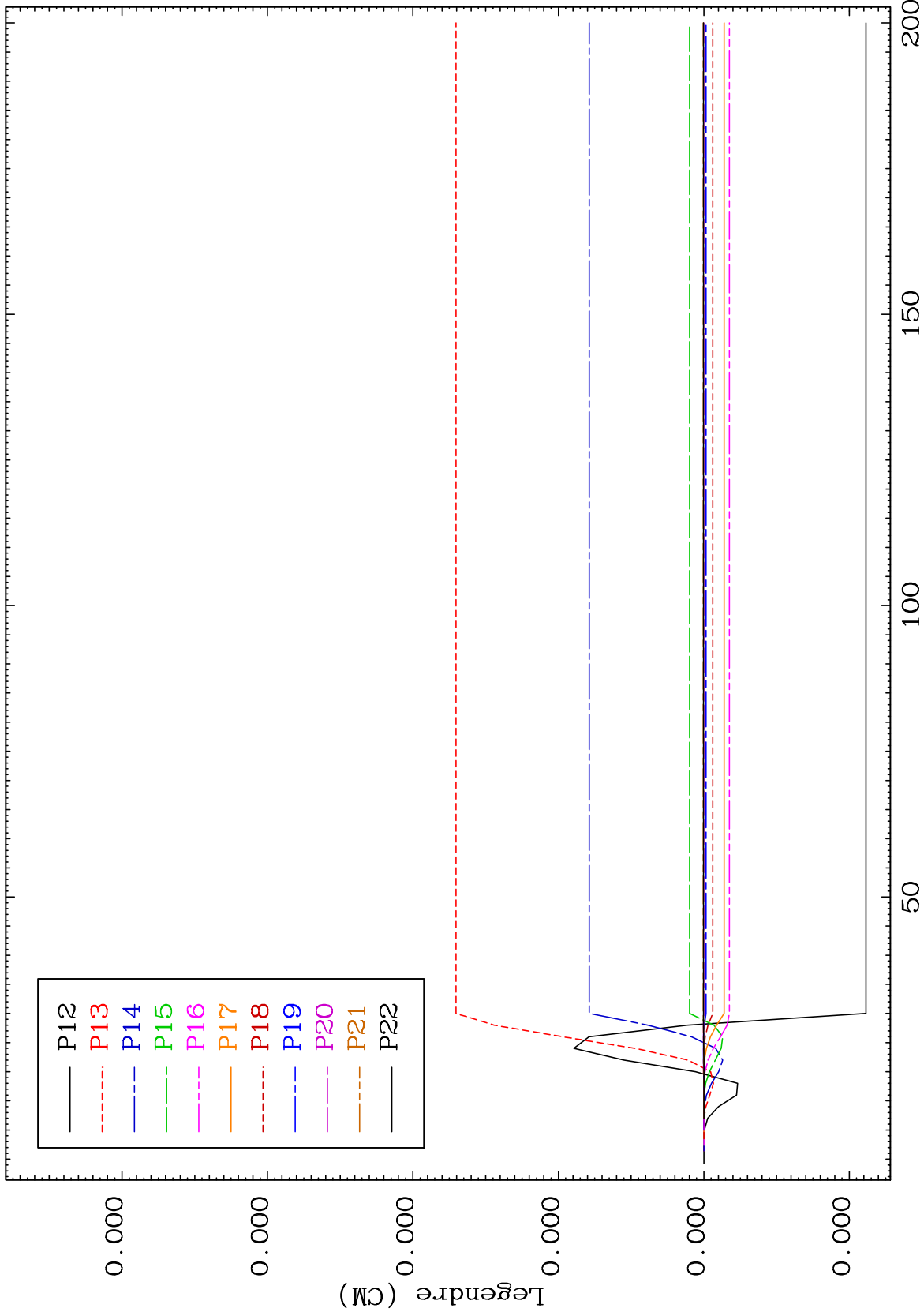
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

3.145 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



52

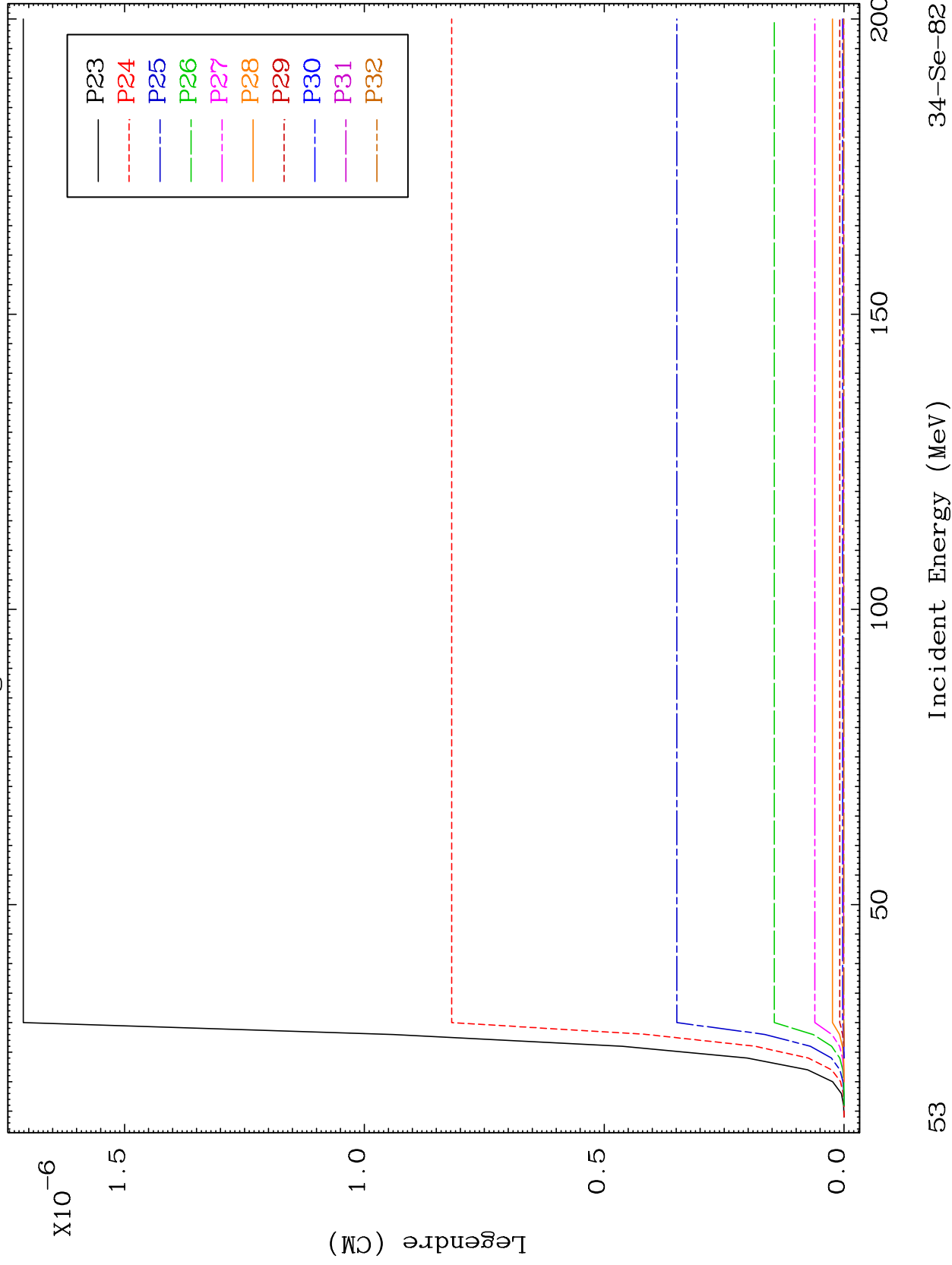
Incident Energy (MeV)

34-Se-82

MAT 3449

3.145 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



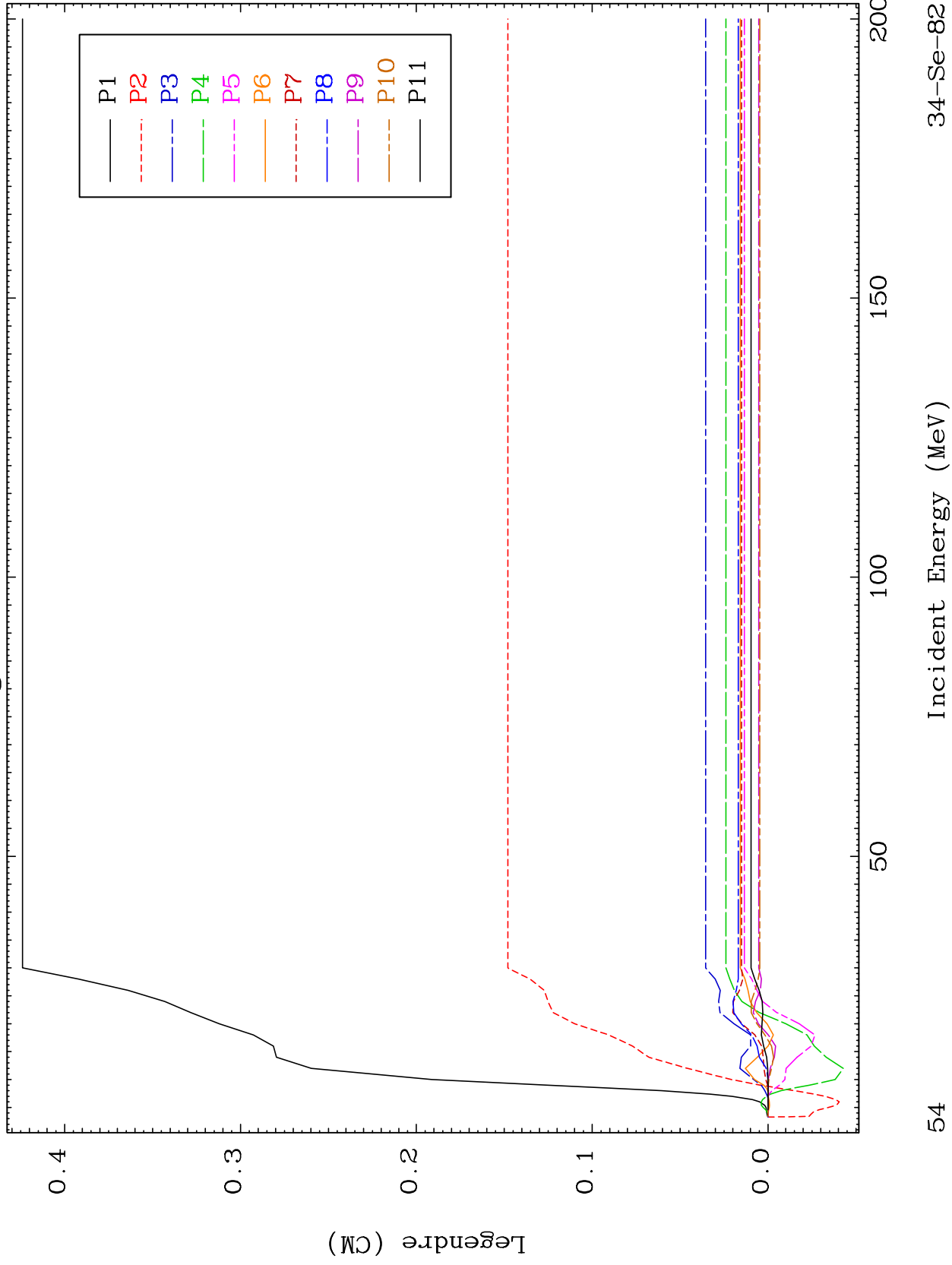
53

34-Se-82

MAT 3449

3.239 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



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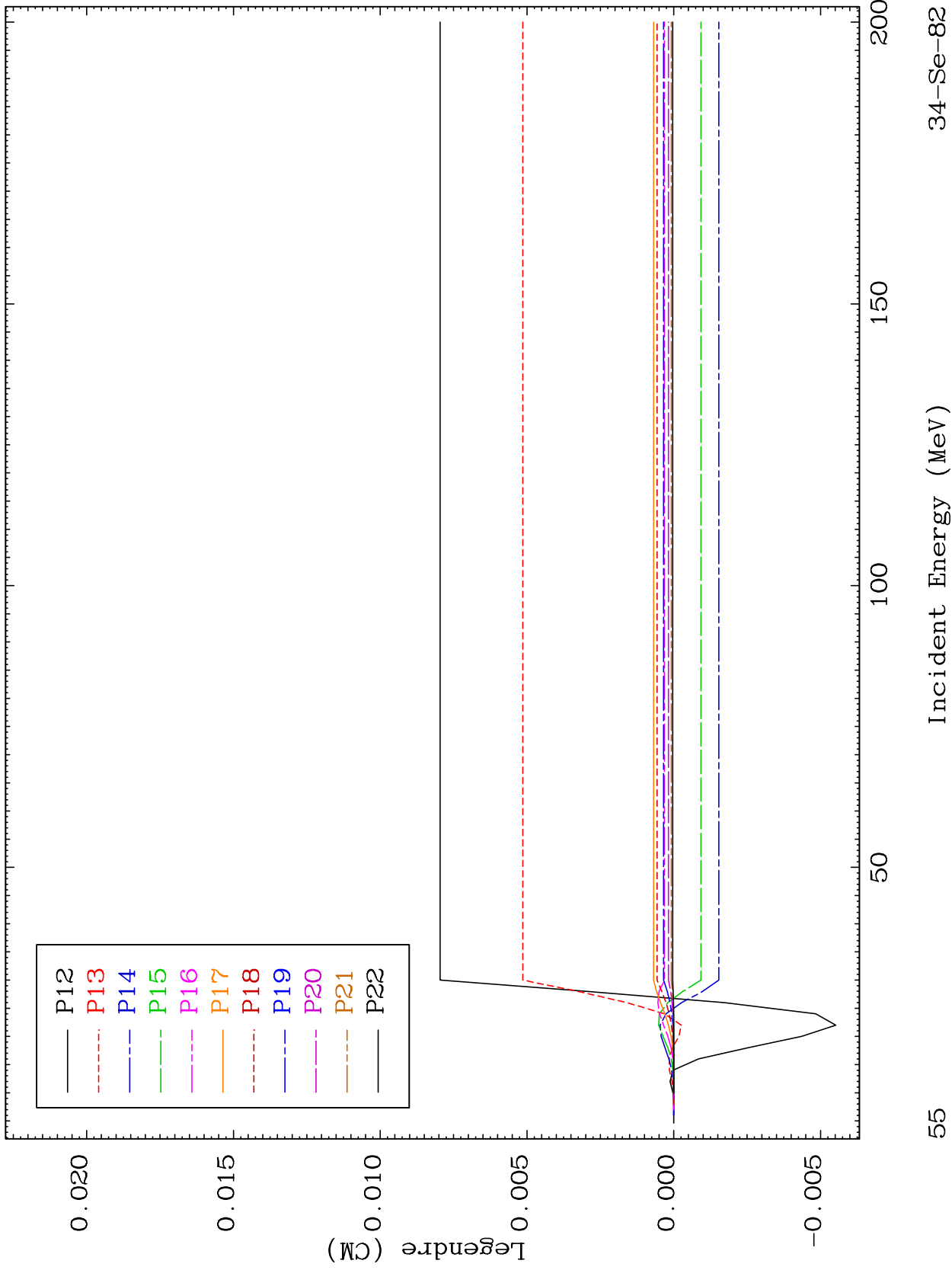
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

3.239 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



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Incident Energy (MeV)

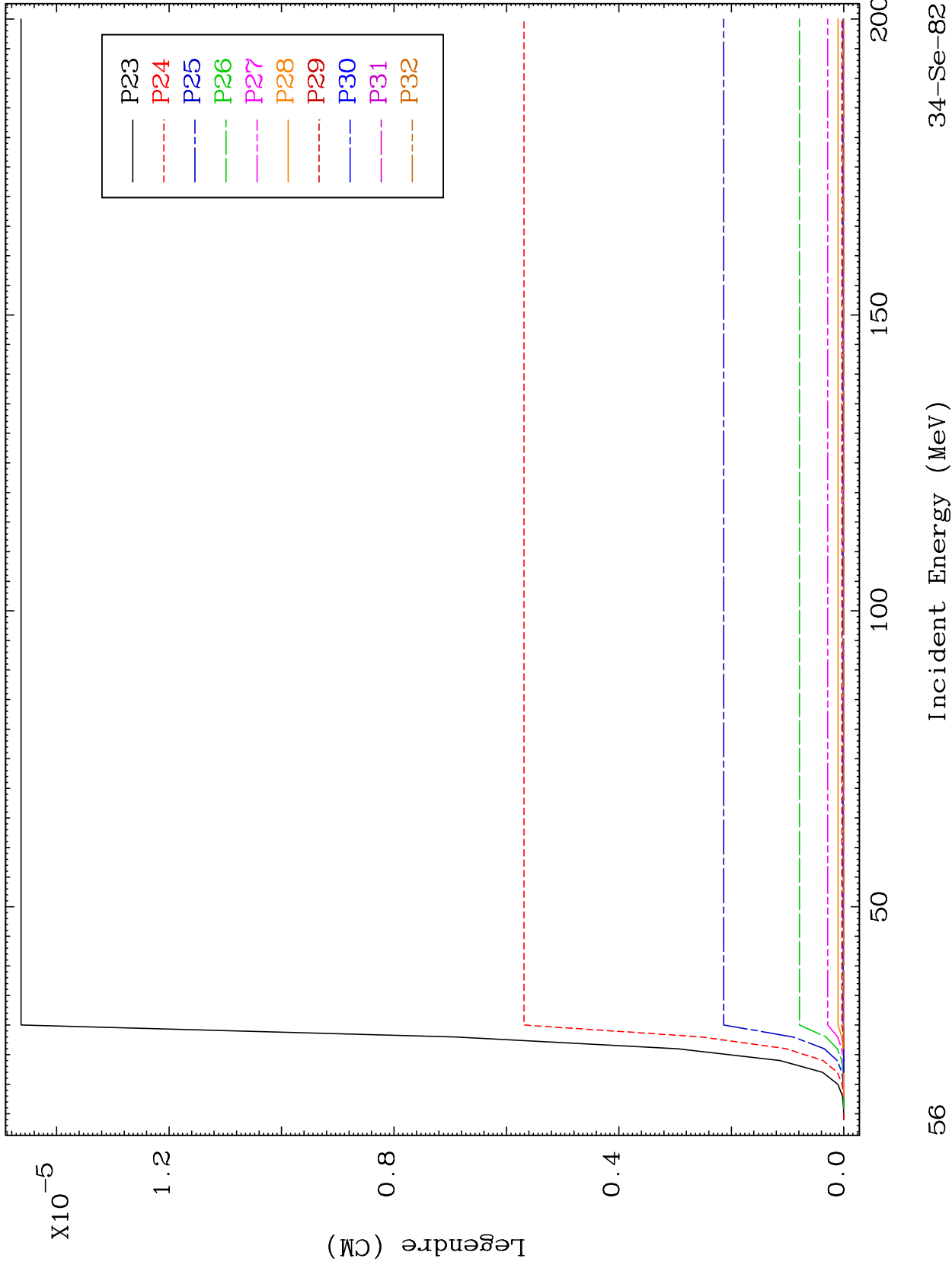
34-Se-82



MAT 3449

3.239 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



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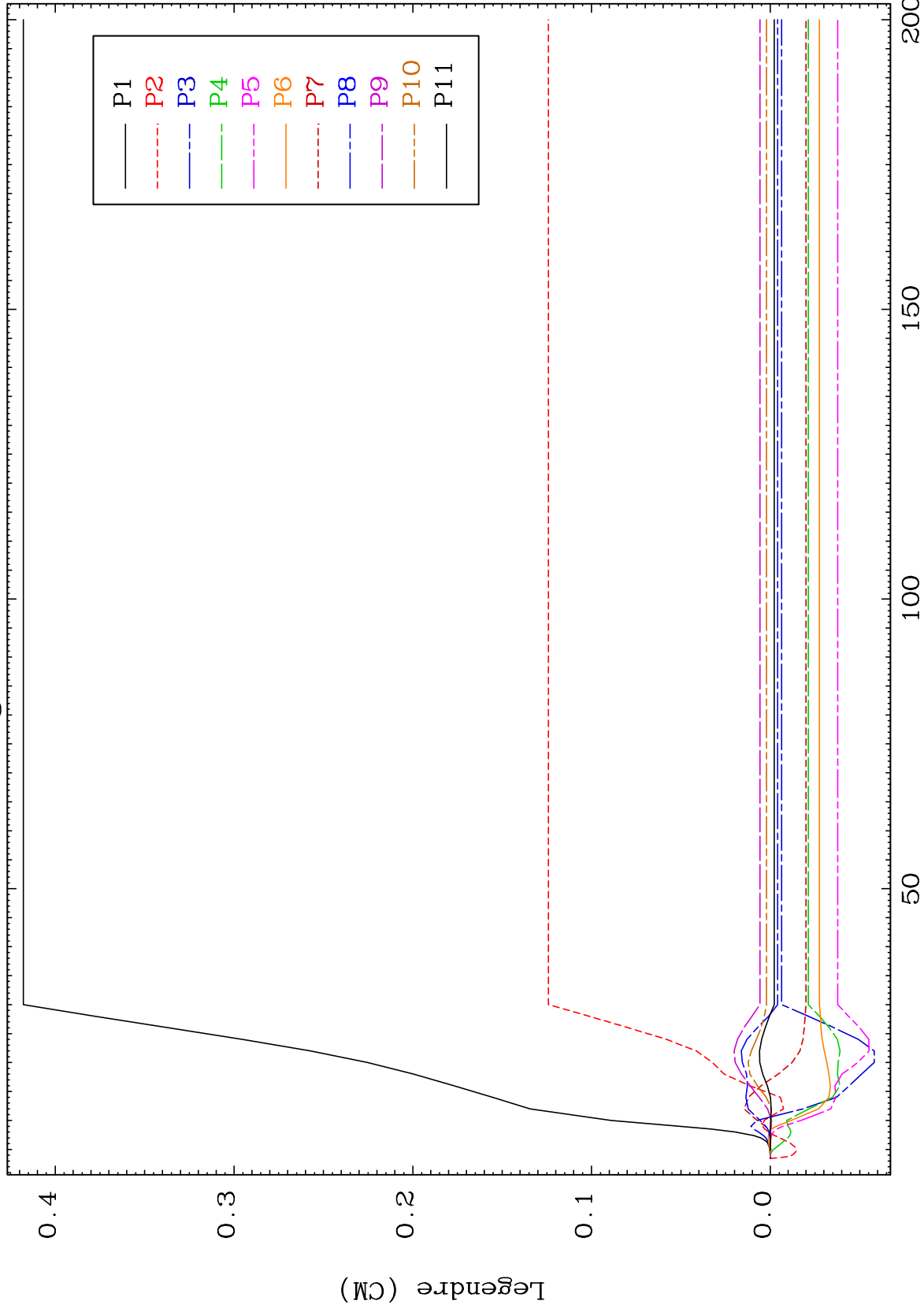
Incident Energy (MeV)

34-Se-82

MAT 3449

3.378 MeV (n,n') Level  
Legendre Coefficients

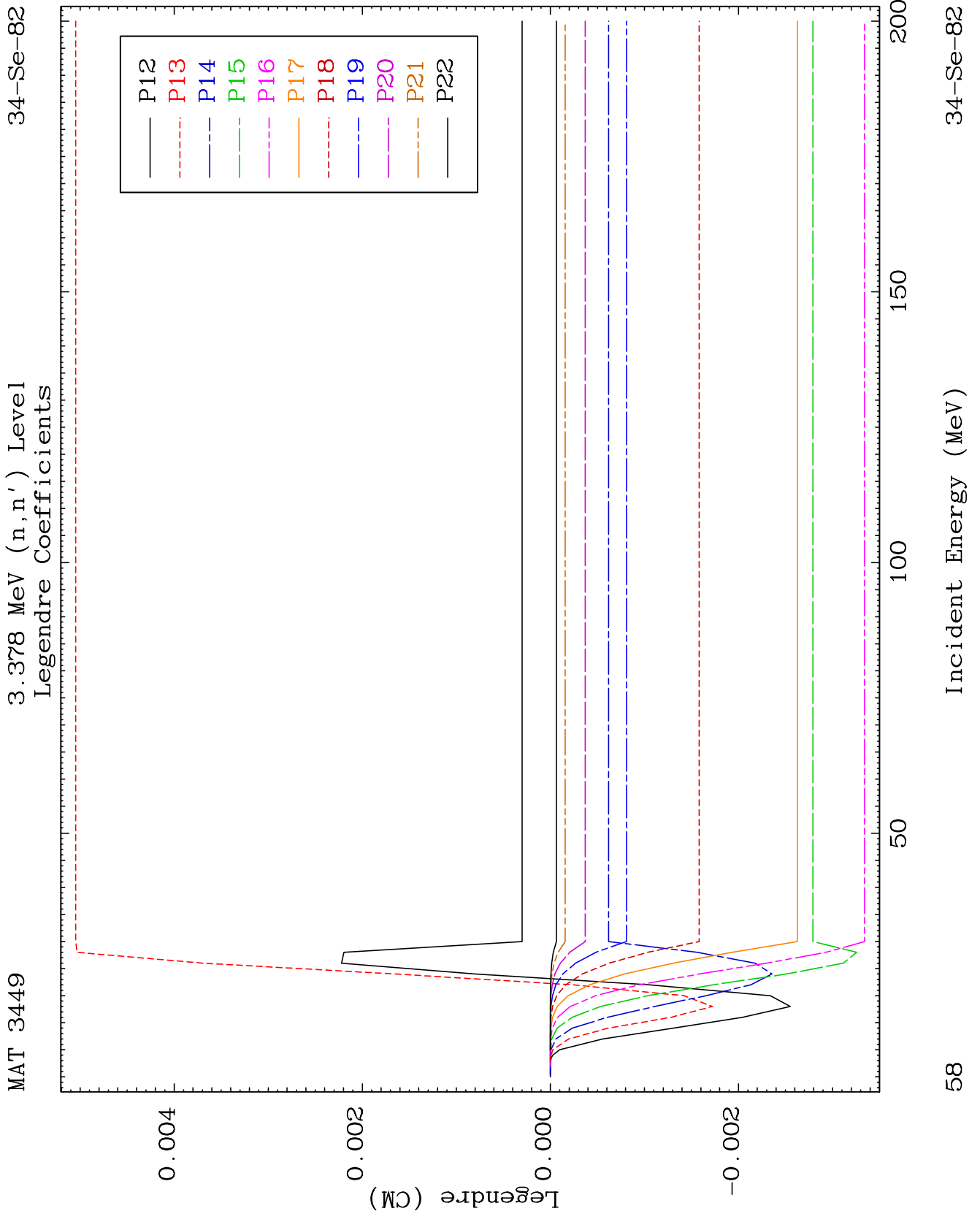
<sup>34</sup>Se-82

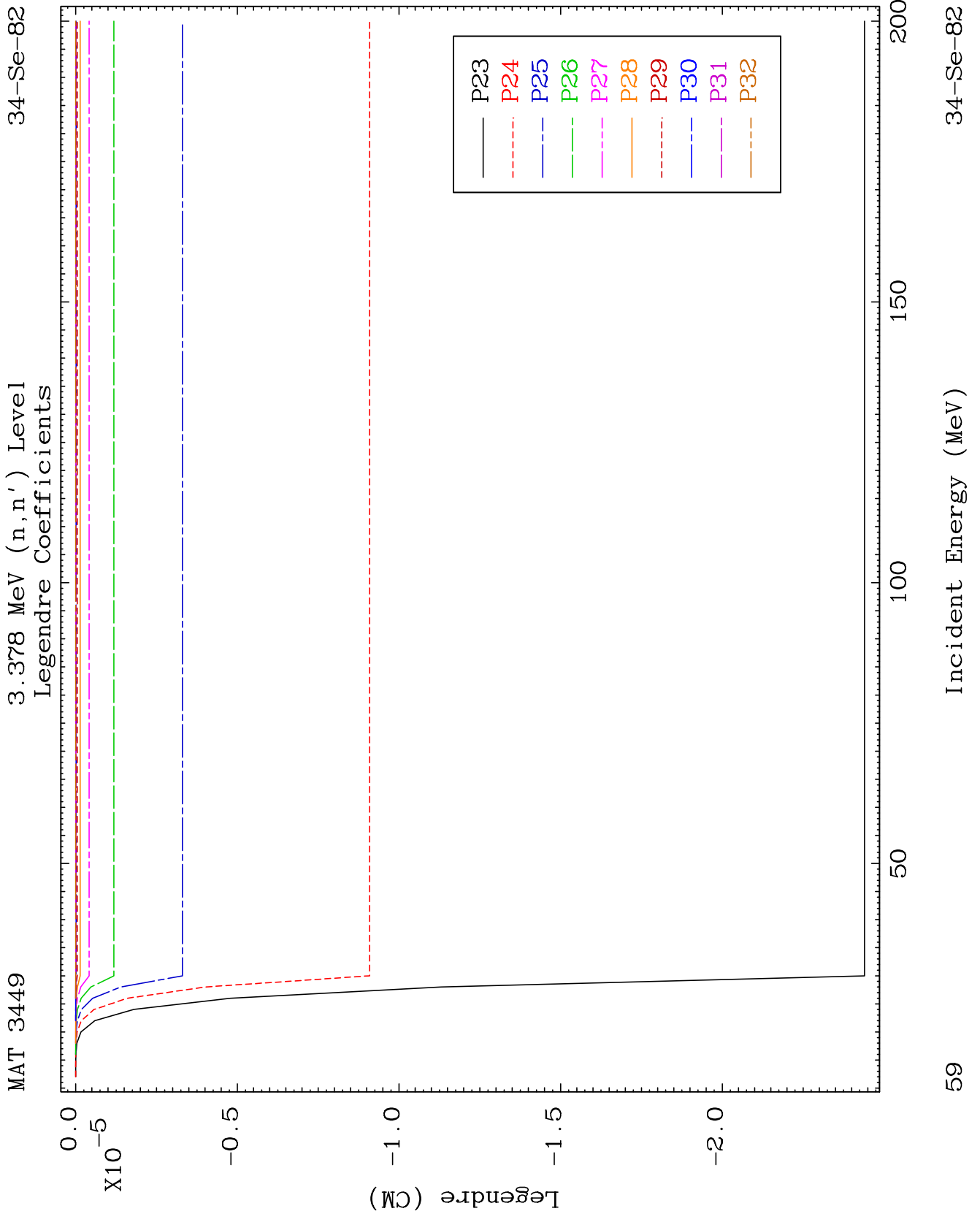


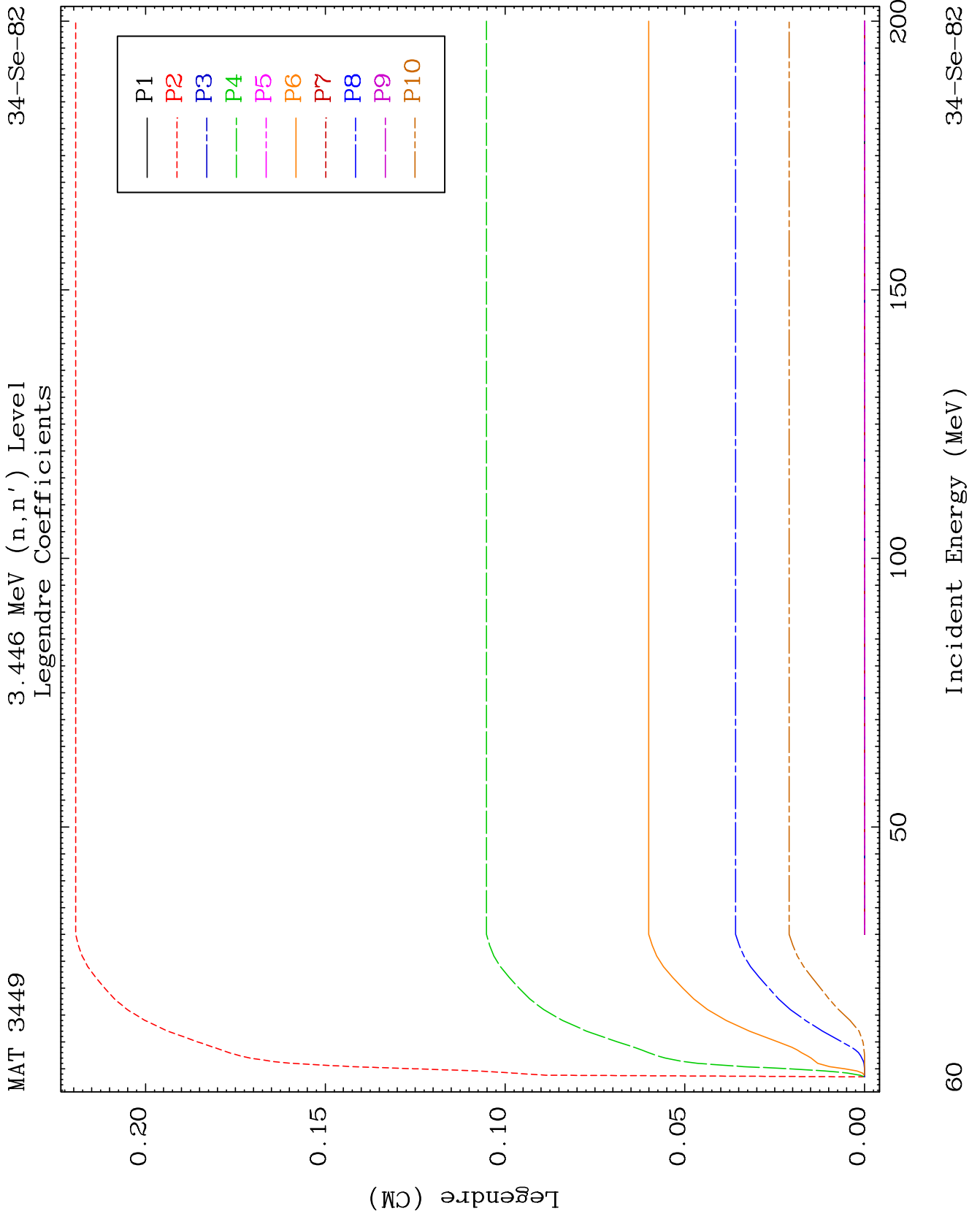
57

Incident Energy (MeV)

<sup>34</sup>Se-82



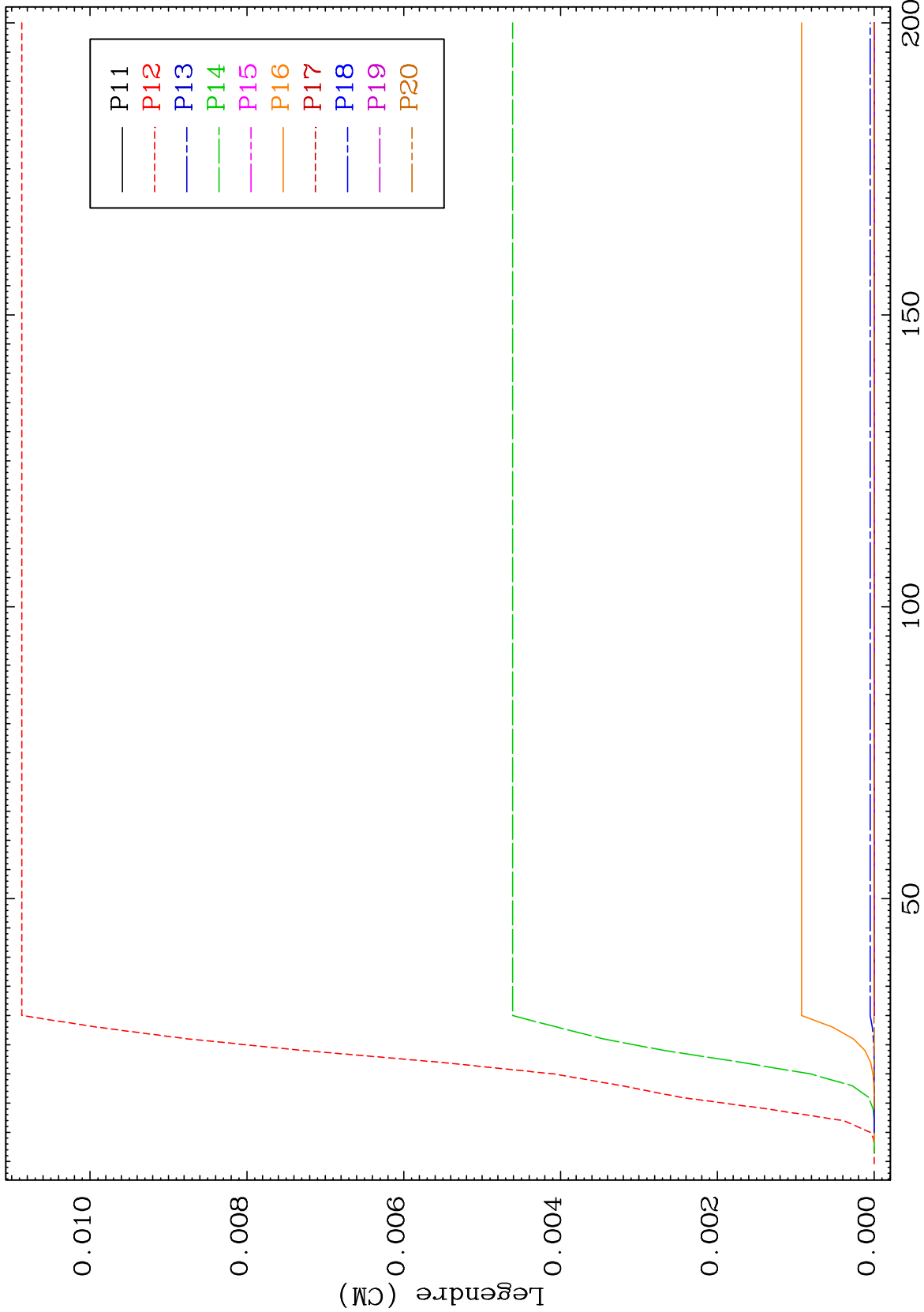




MAT 3449

3.446 MeV (n,n') Level  
Legendre Coefficients

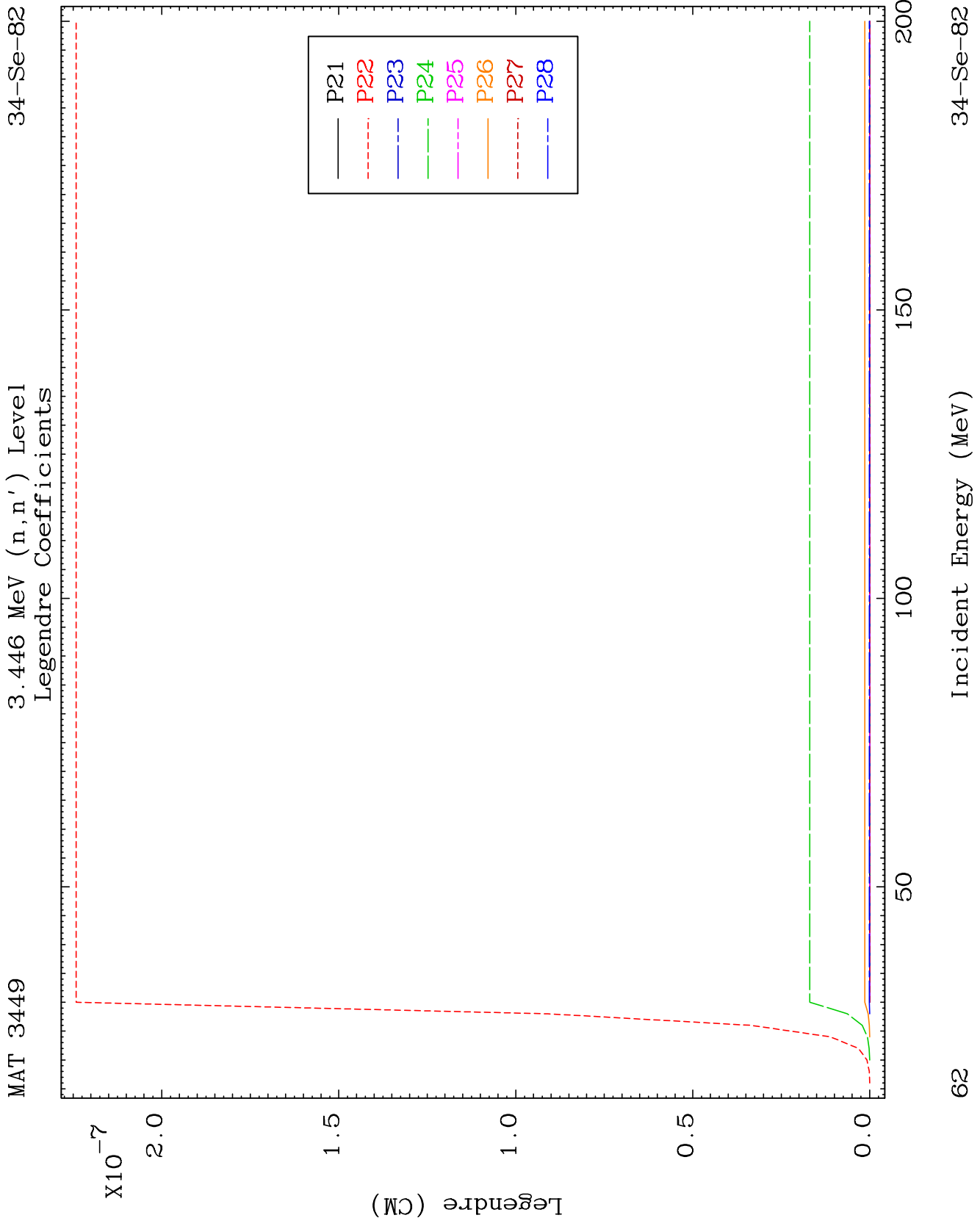
34-Se-82



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Incident Energy (MeV)

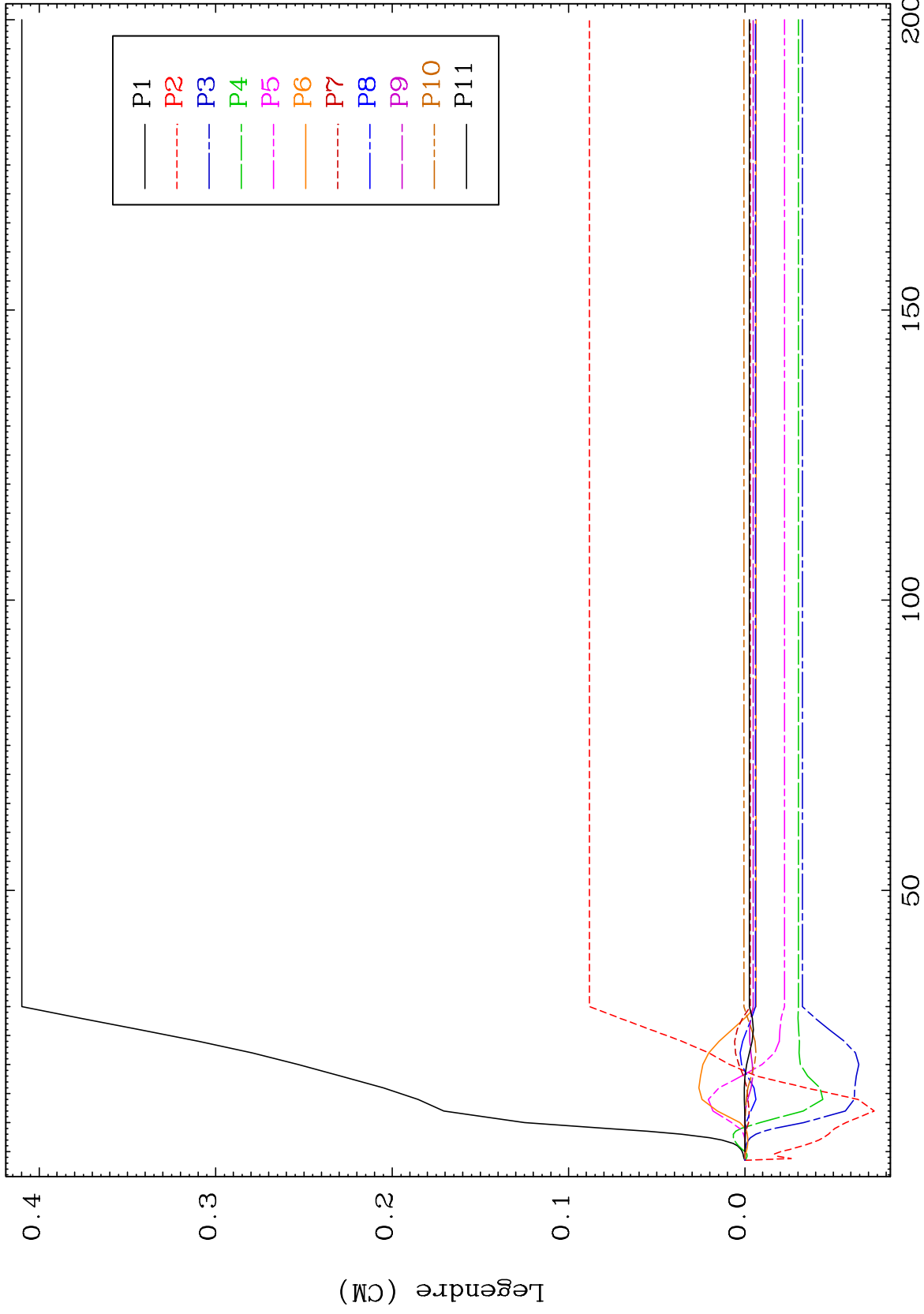
34-Se-82



MAT 3449

3.454 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82

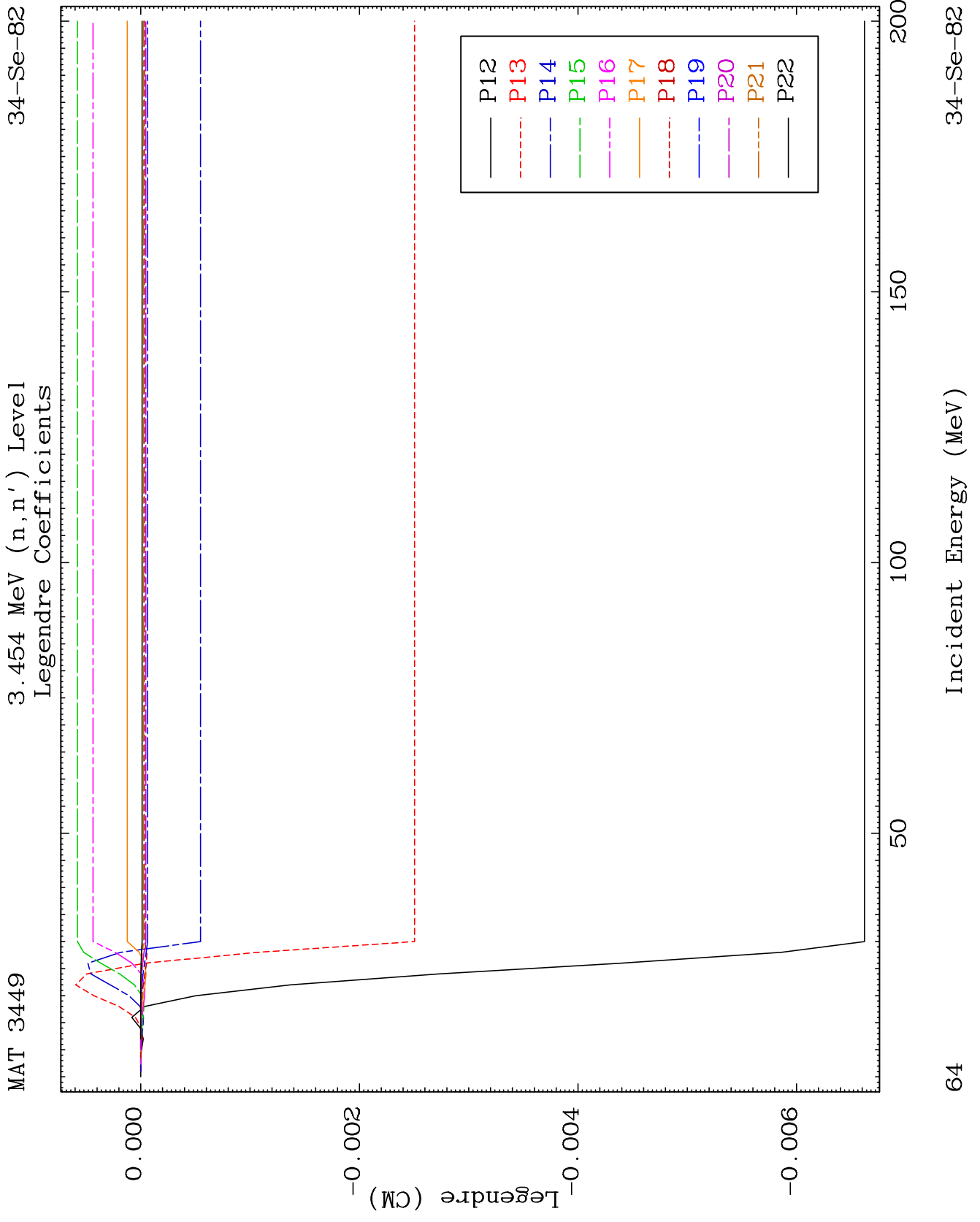


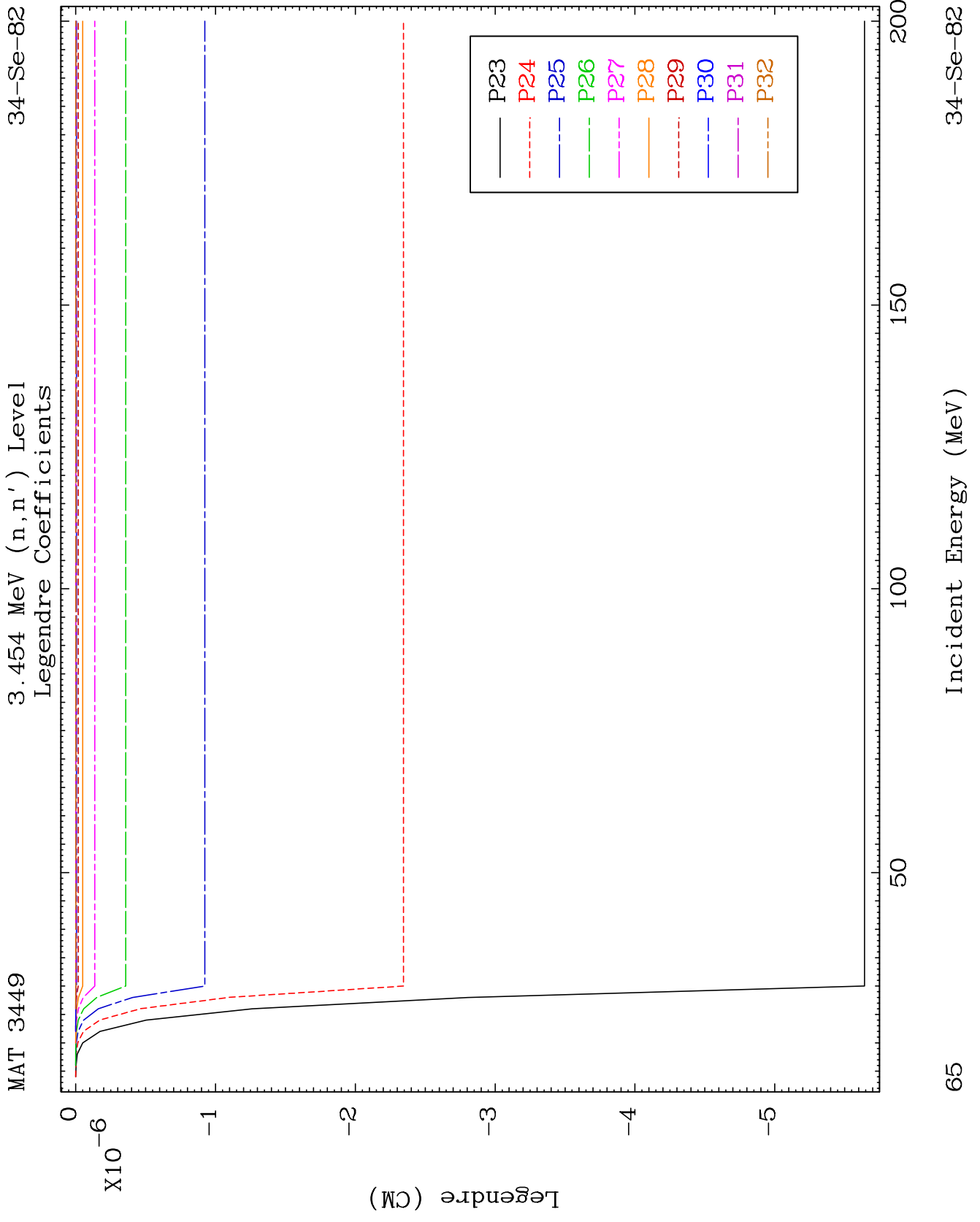
63

Incident Energy (MeV)

<sup>34</sup>Se-82



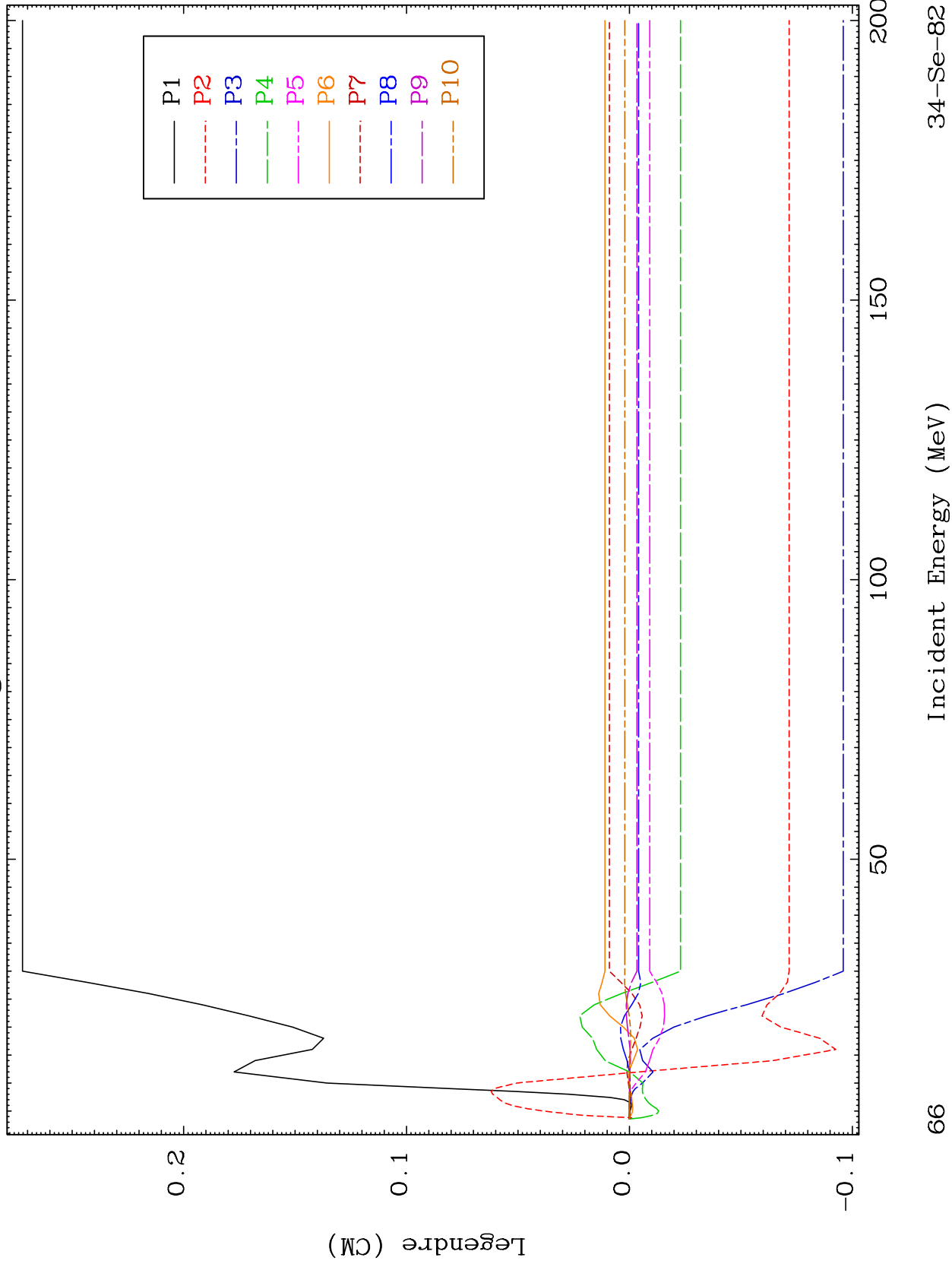




MAT 3449

3.518 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



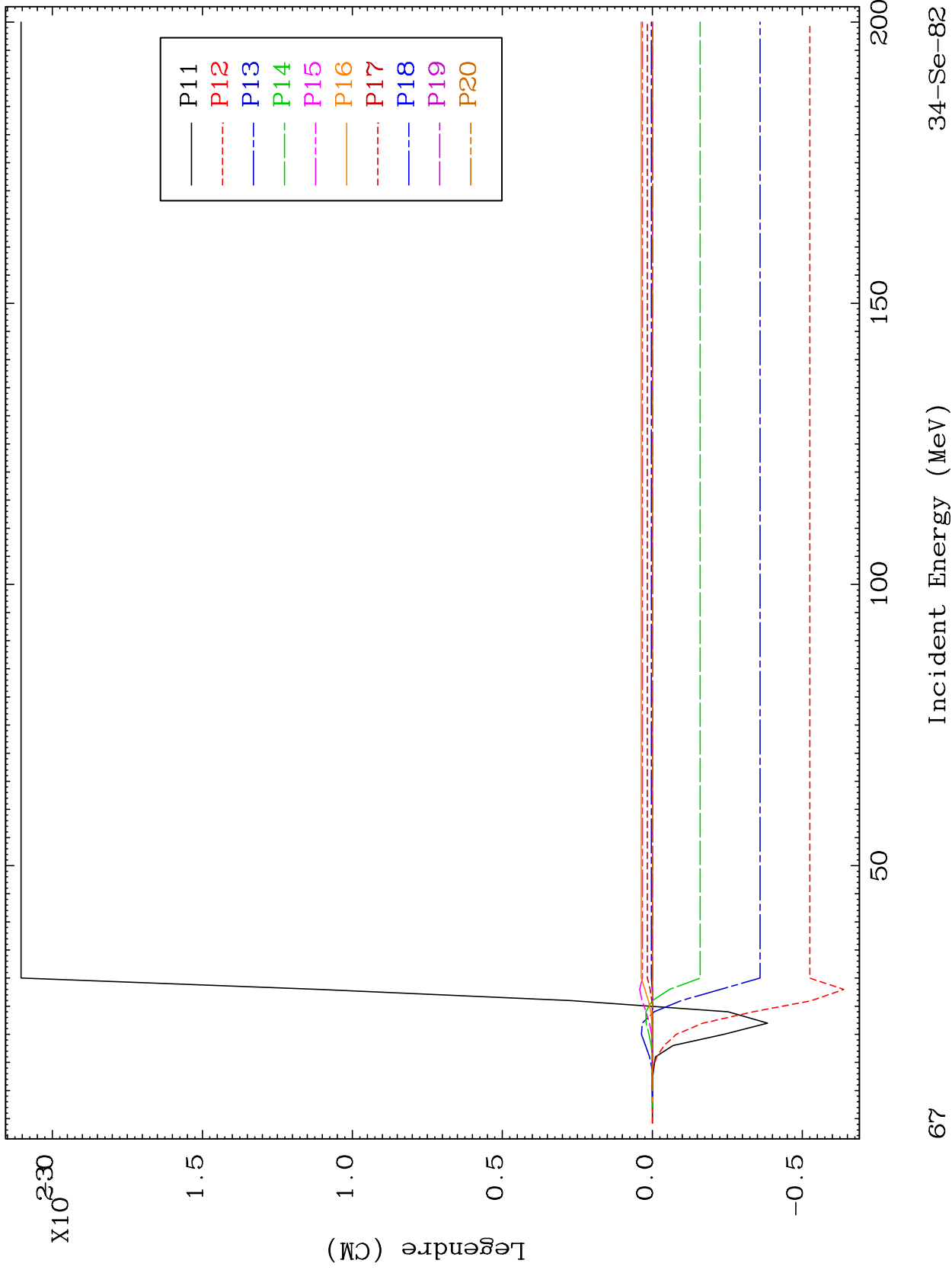
66

34-Se-82

MAT 3449

3.518 MeV (n,n') Level  
Legendre Coefficients

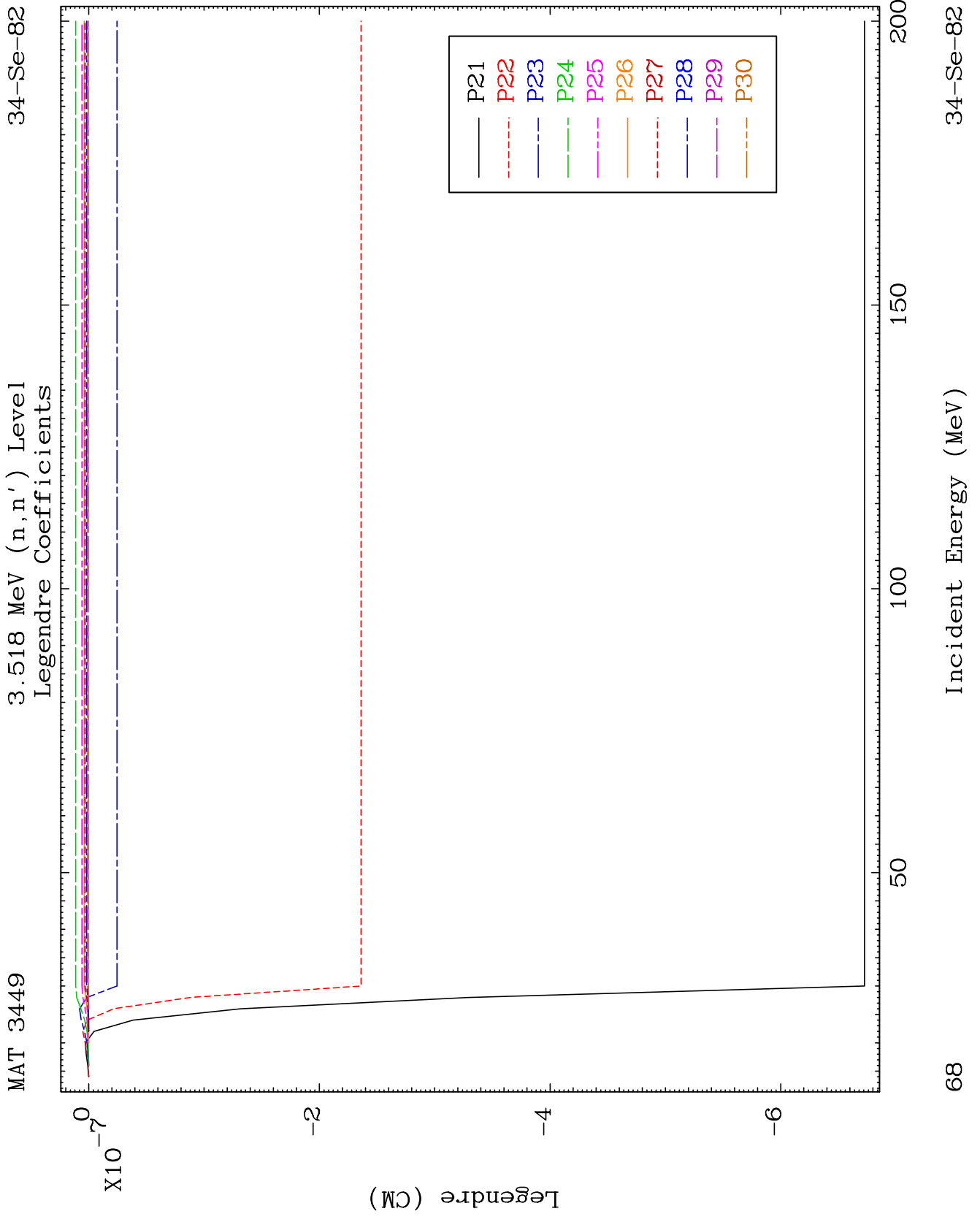
34-Se-82



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Incident Energy (MeV)

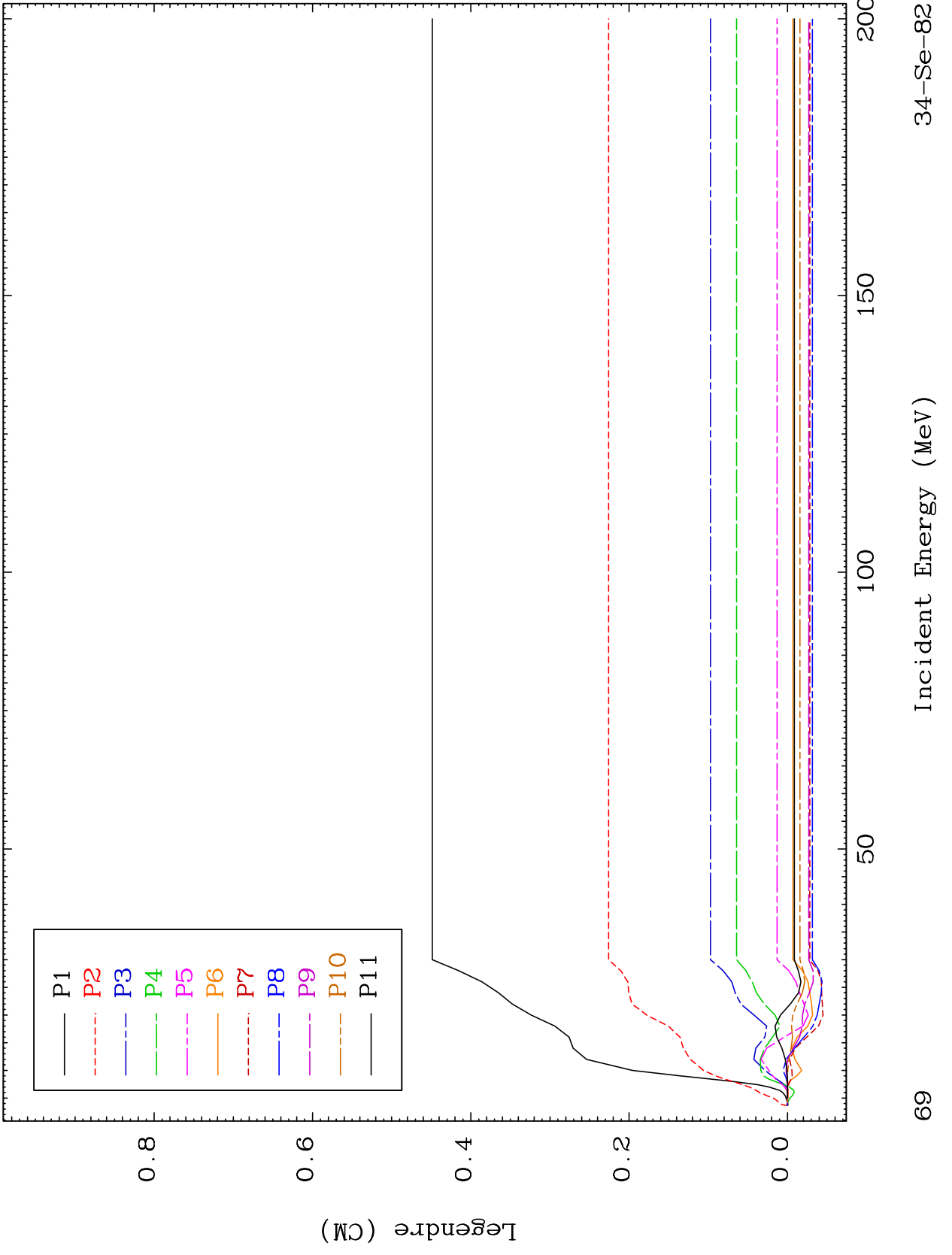
34-Se-82



MAT 3449

3.592 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



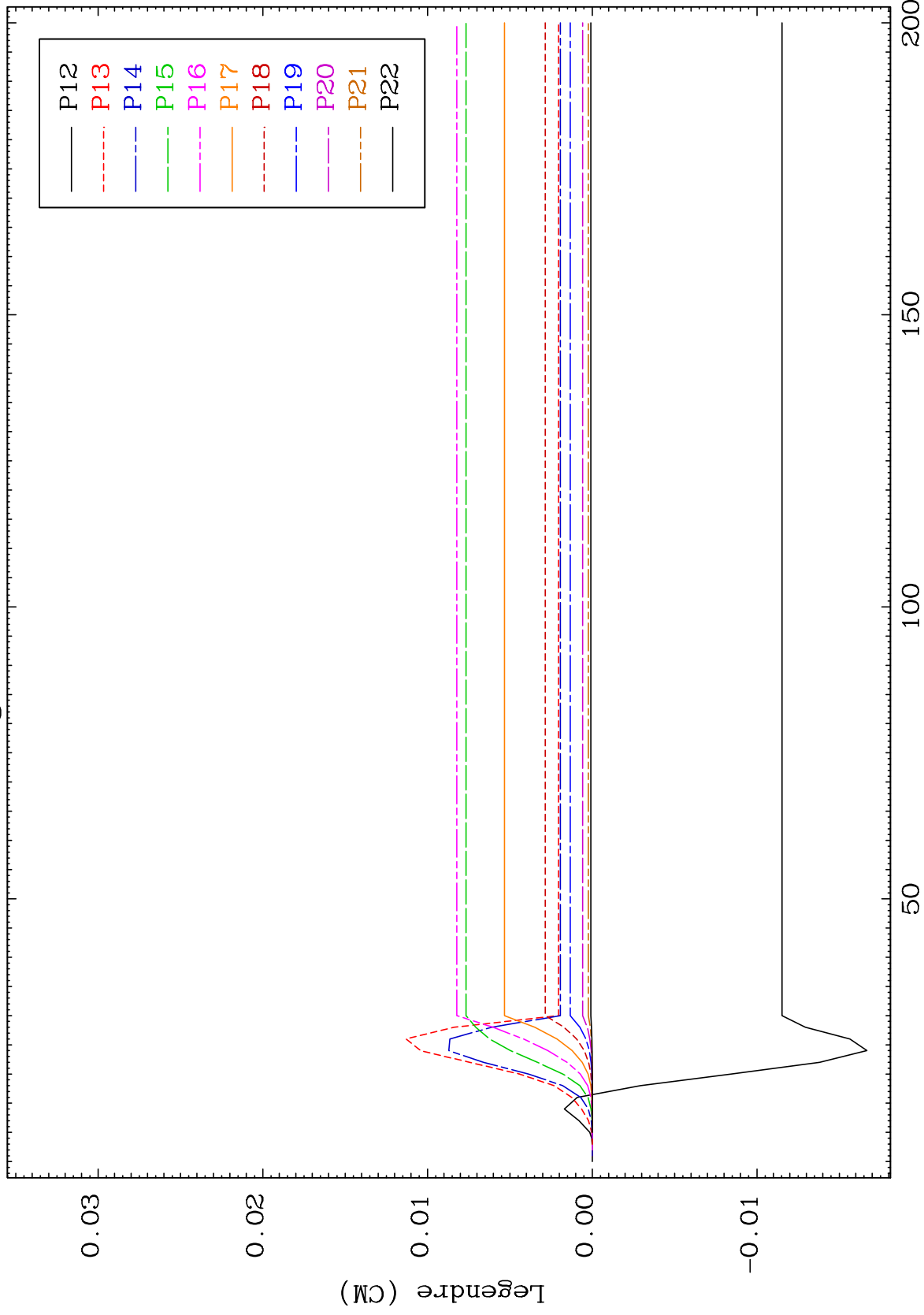
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34-Se-82

MAT 3449

3.592 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



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Incident Energy (MeV)

34-Se-82



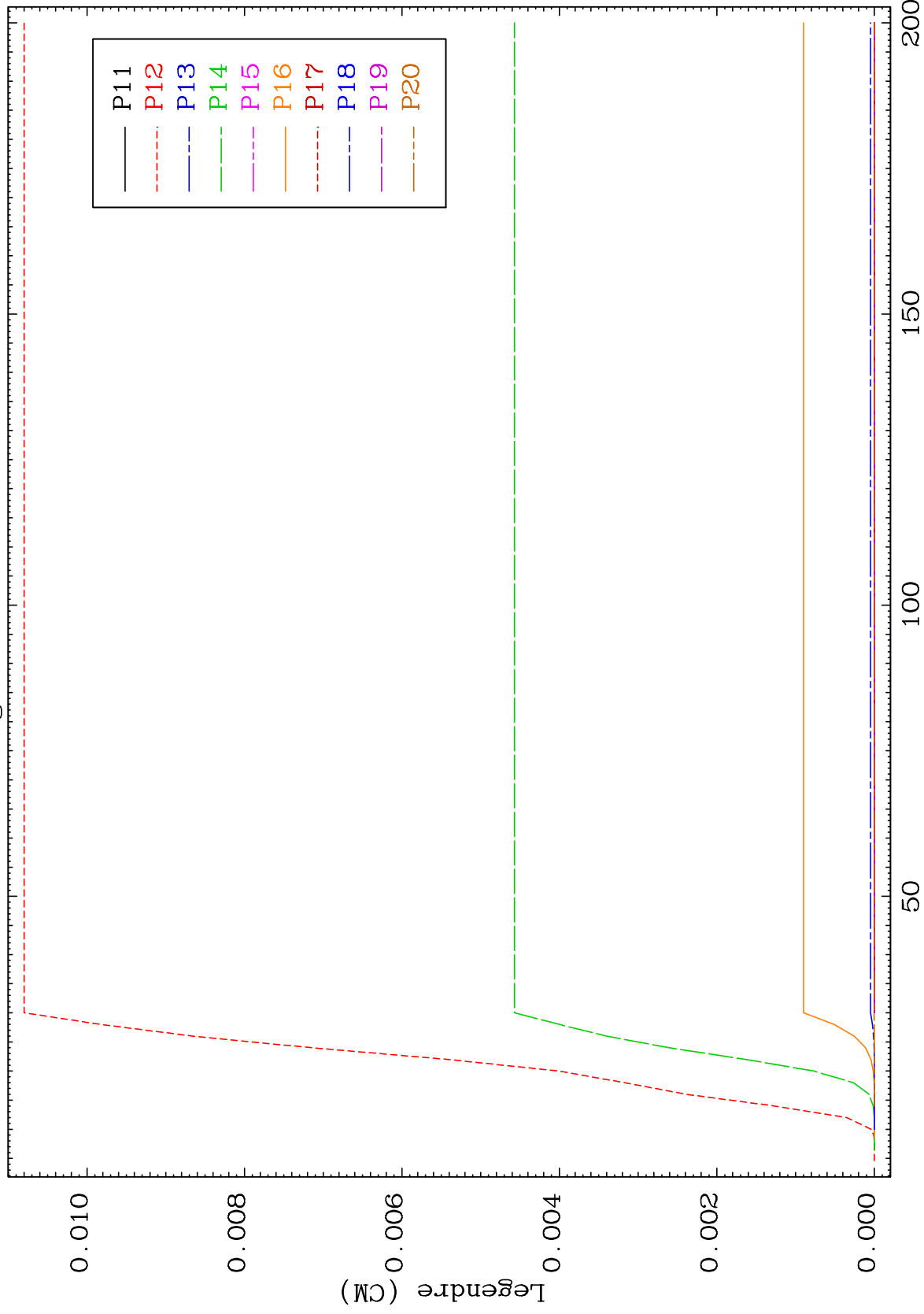




MAT 3449

3.631 MeV (n,n') Level  
Legendre Coefficients

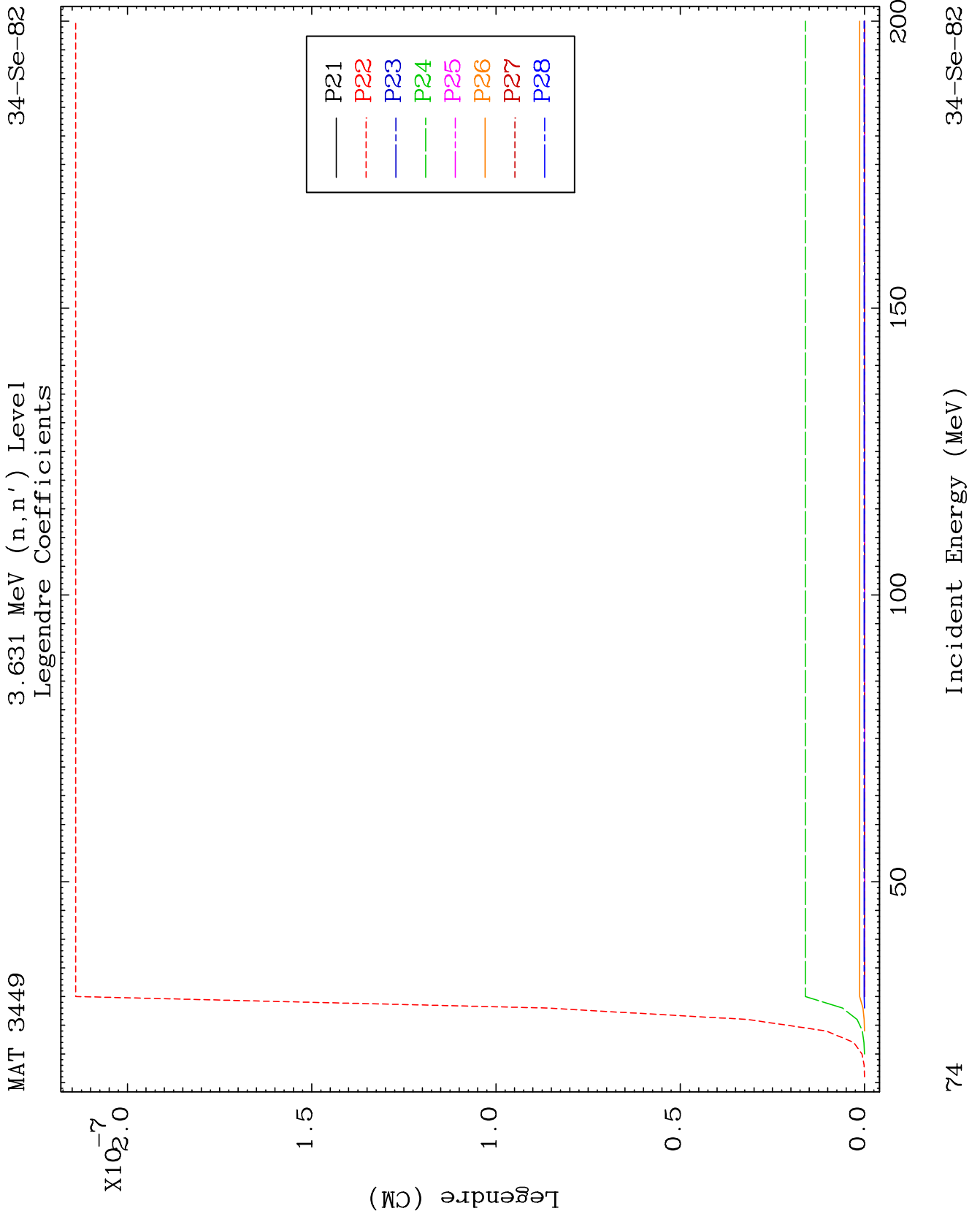
34-Se-82



73

Incident Energy (MeV)

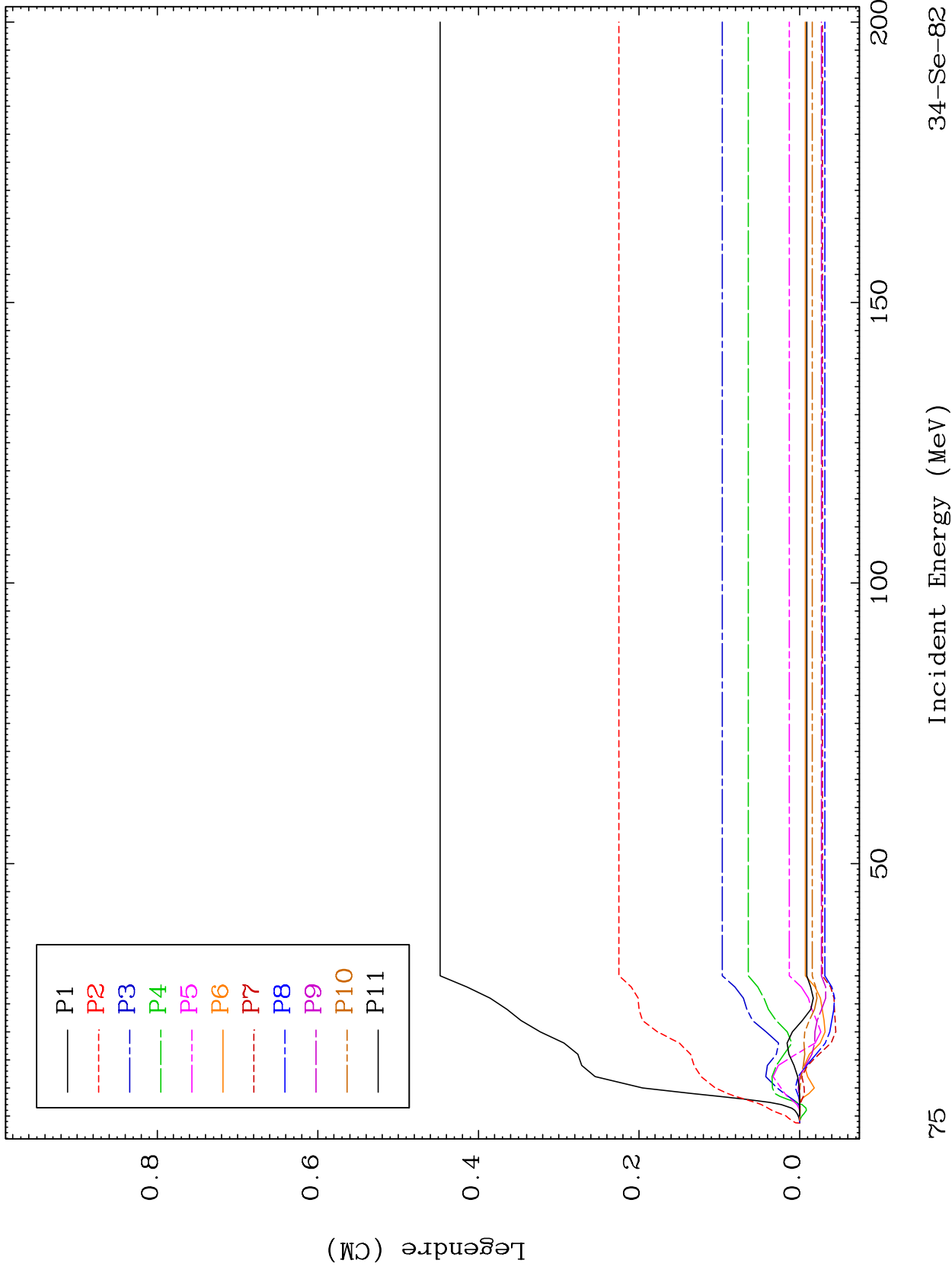
34-Se-82



MAT 3449

3.664 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



75

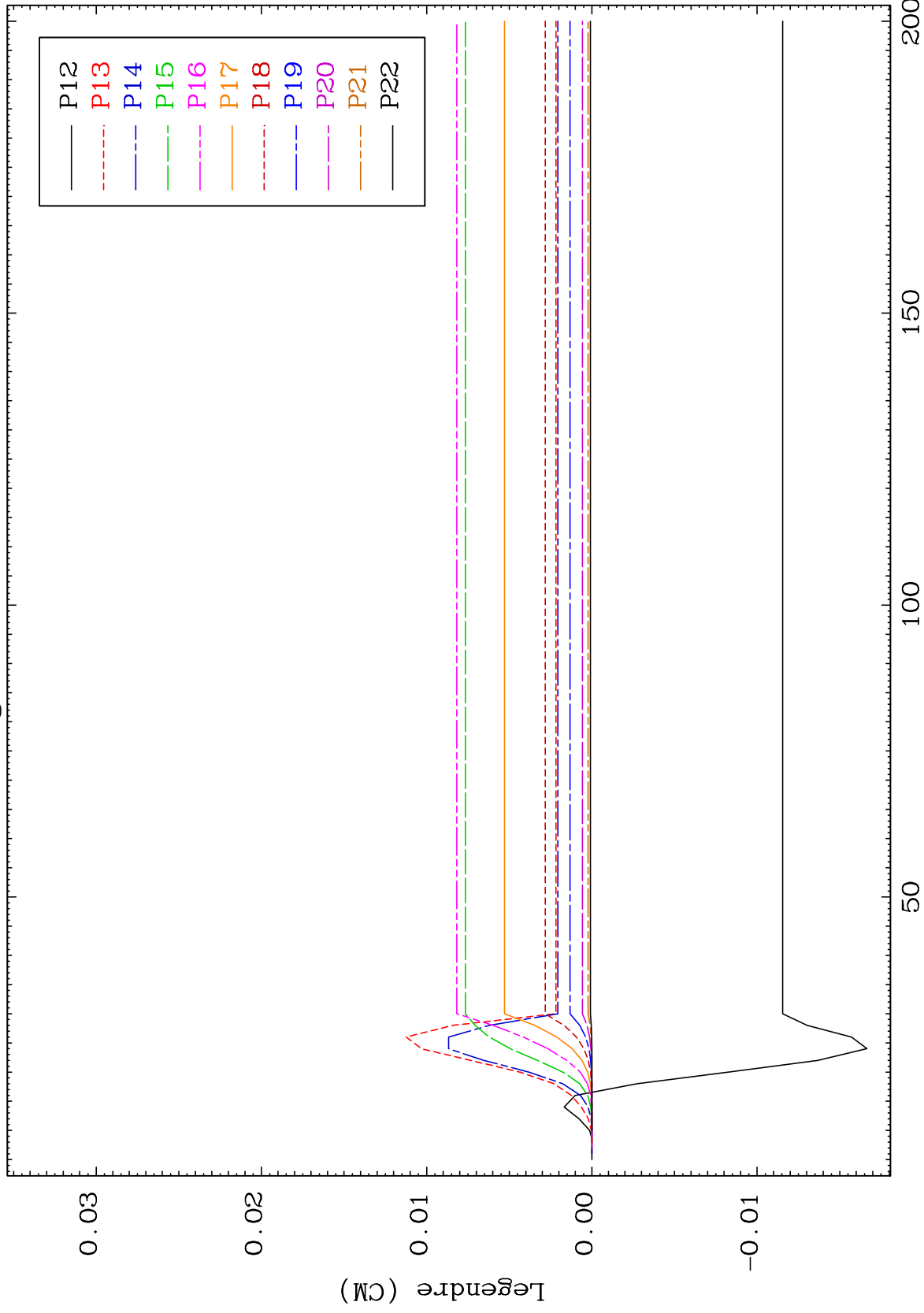
Incident Energy (MeV)

34-Se-82

MAT 3449

3.664 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



76

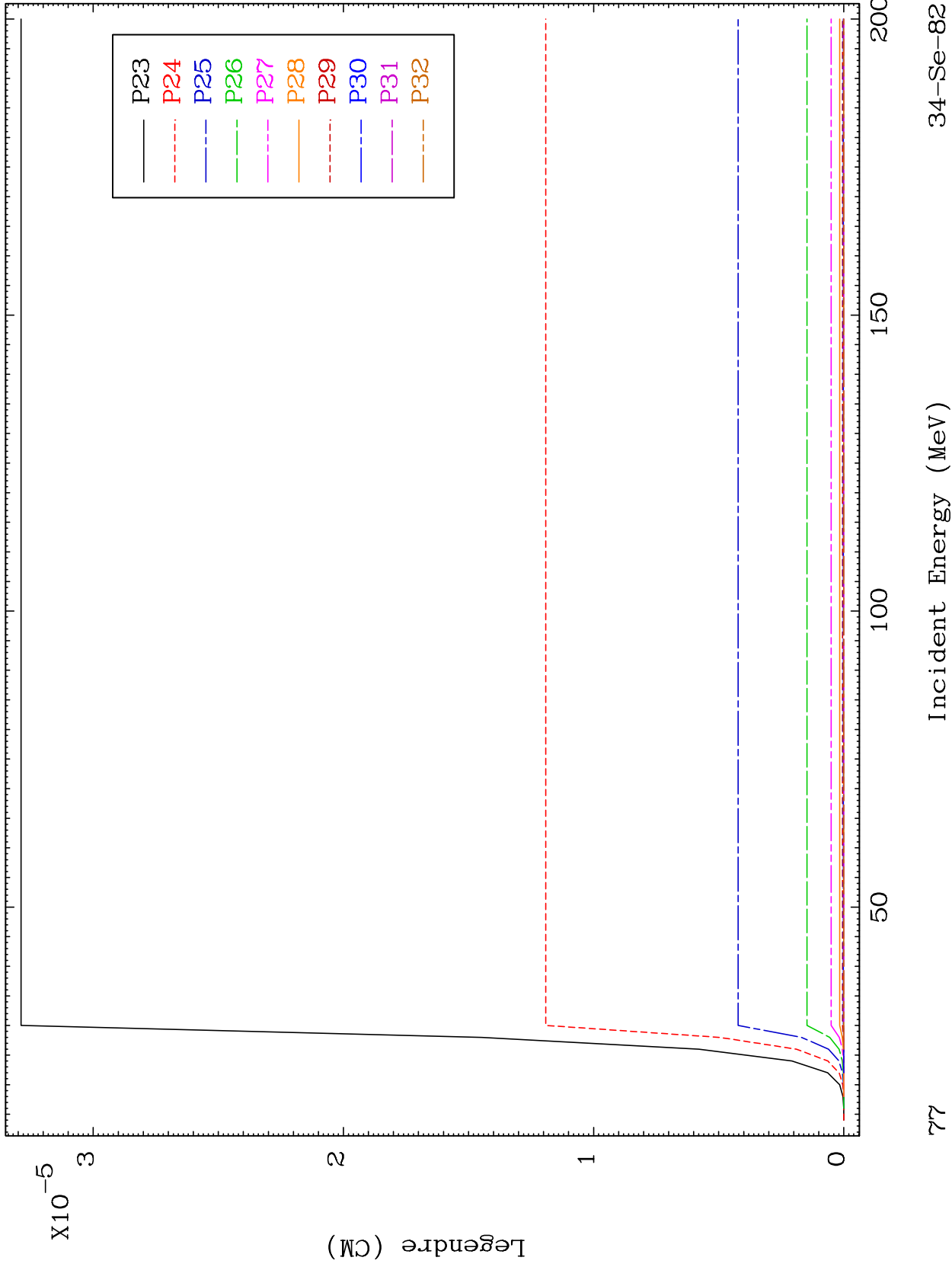
Incident Energy (MeV)

34-Se-82

MAT 3449

3.664 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



77

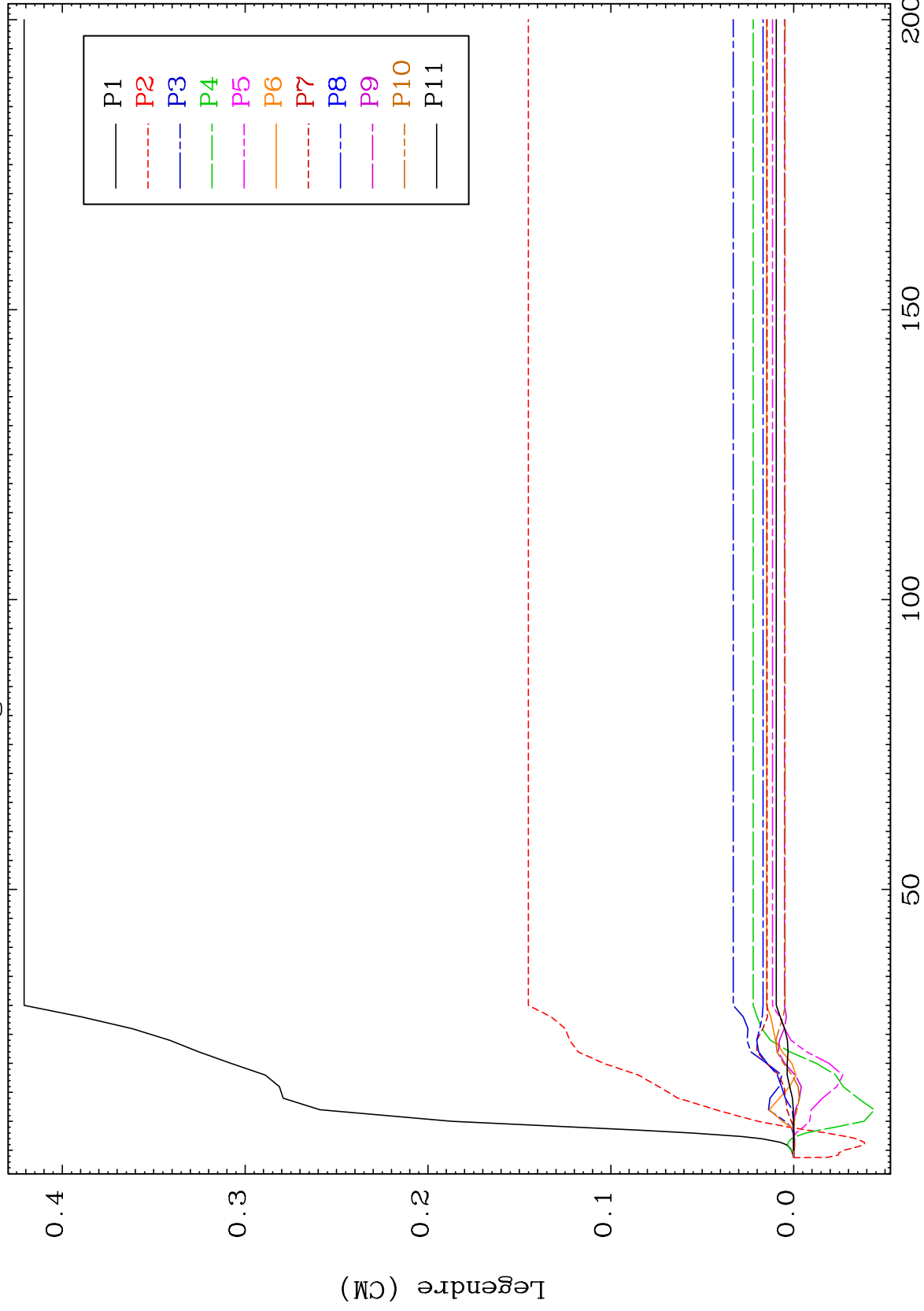
Incident Energy (MeV)

34-Se-82

MAT 3449

3.689 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



78

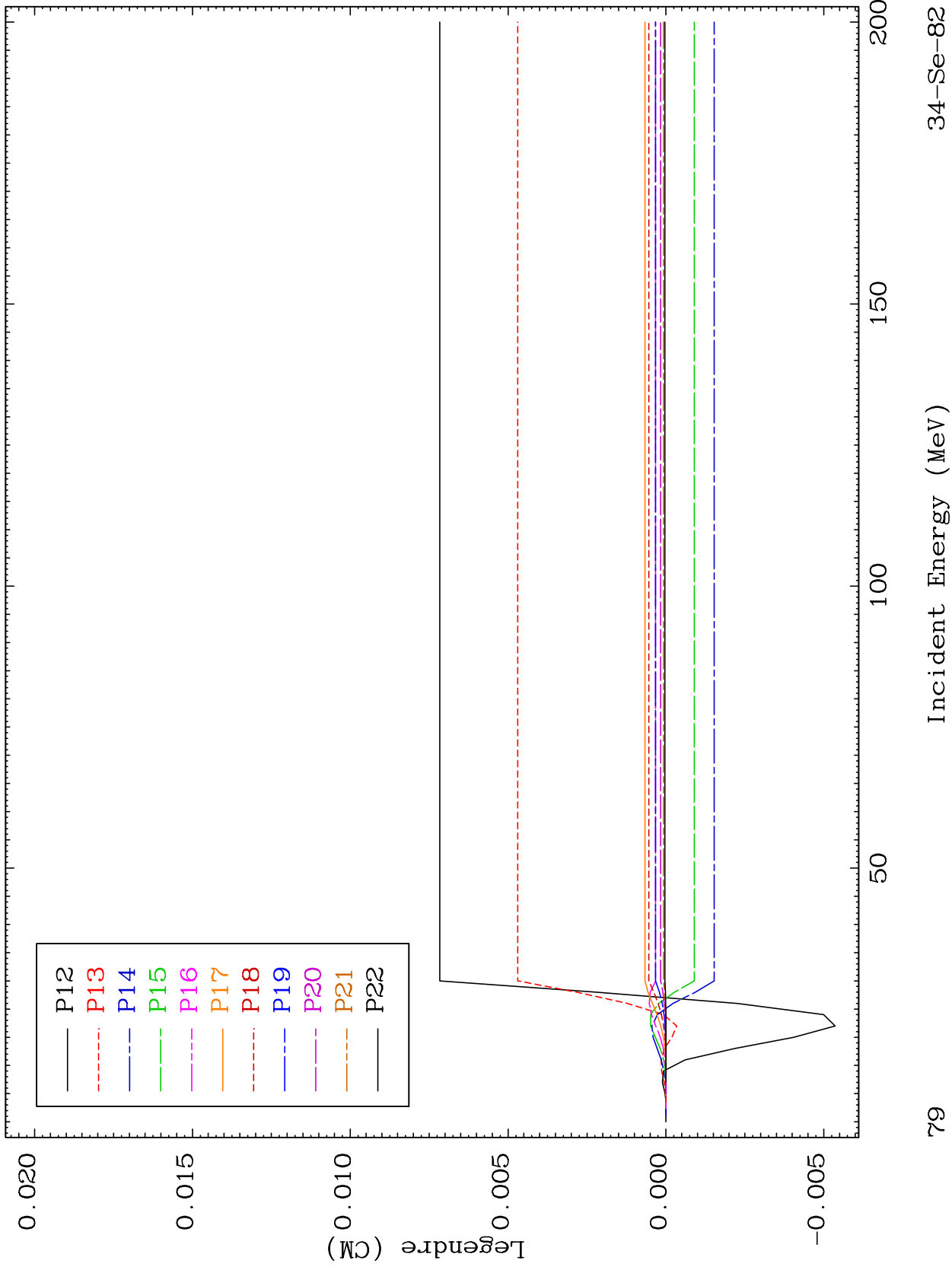
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

3.689 MeV (n,n') Level  
Legendre Coefficients

34-Se-82

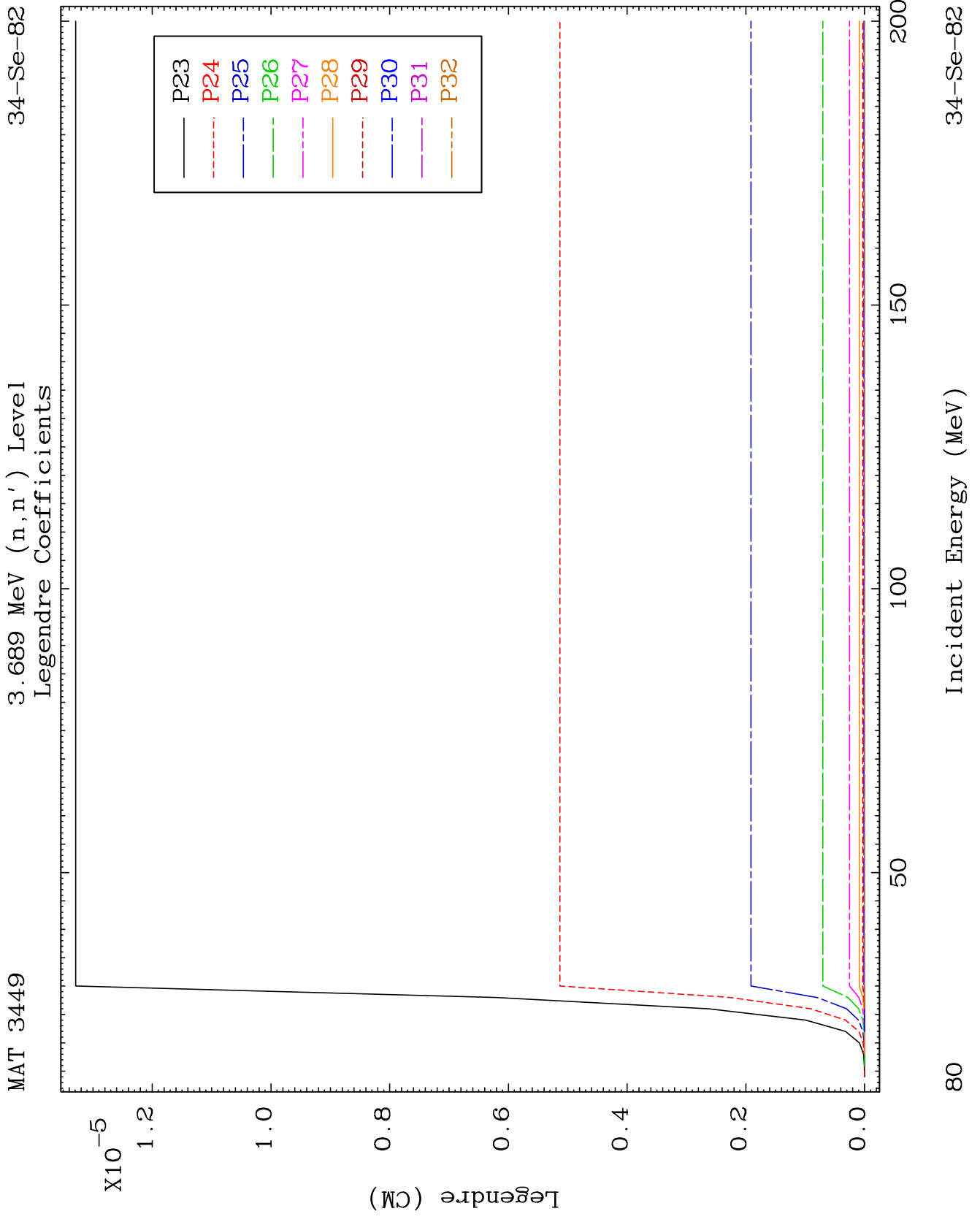


79

Incident Energy (MeV)

34-Se-82

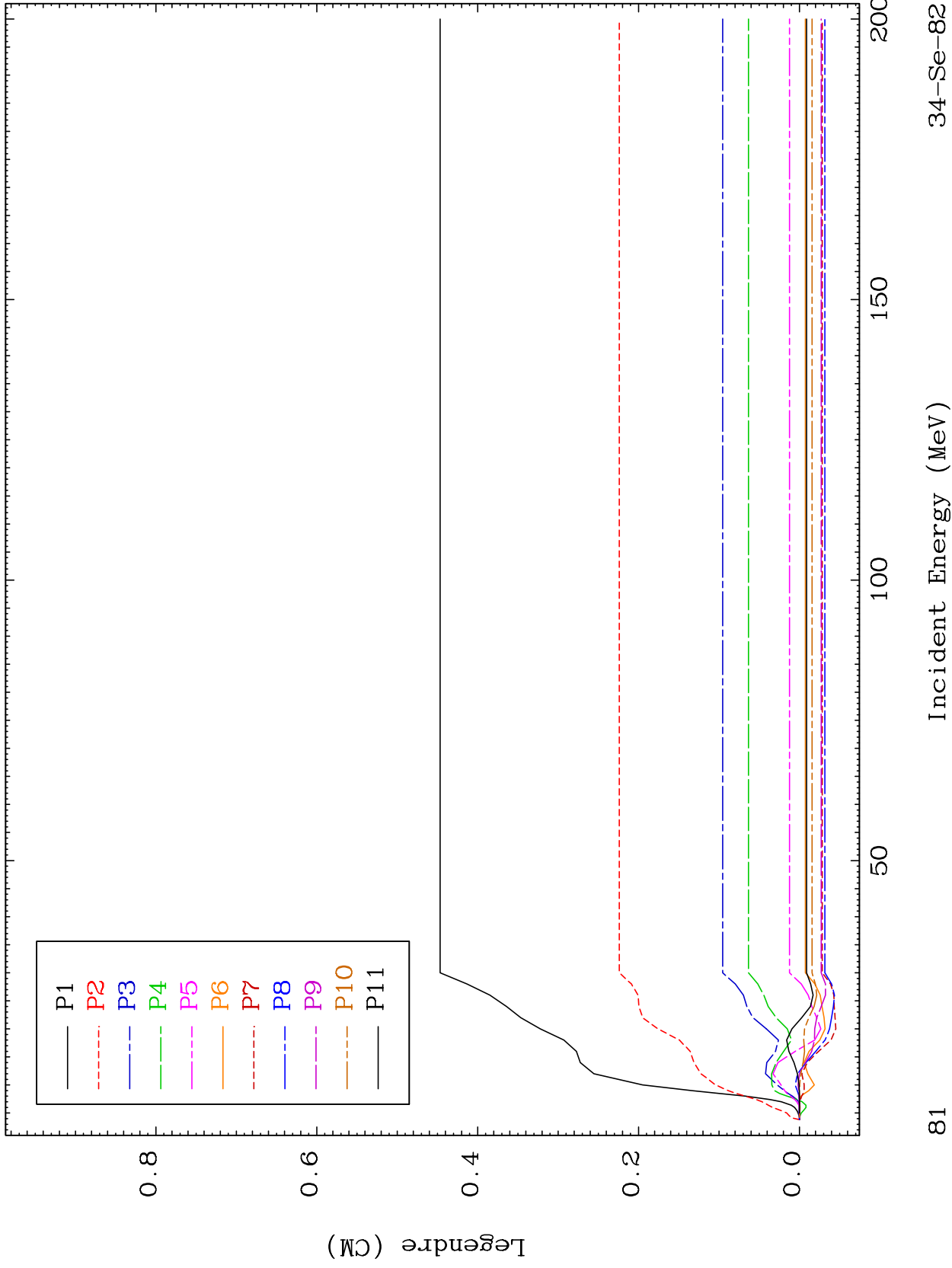




MAT 3449

3.757 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



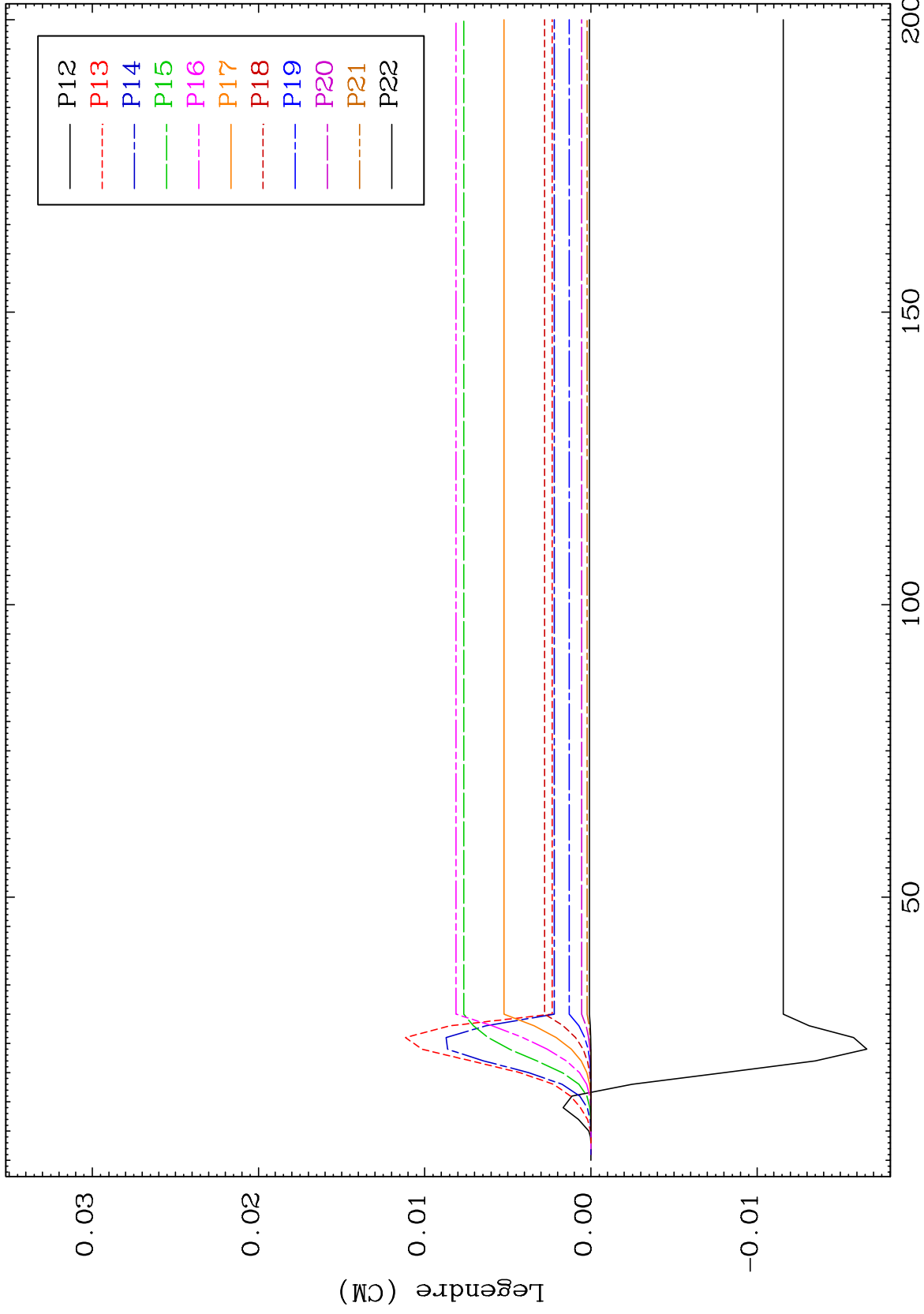
81

<sup>34</sup>Se-82

MAT 3449

3.757 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



82

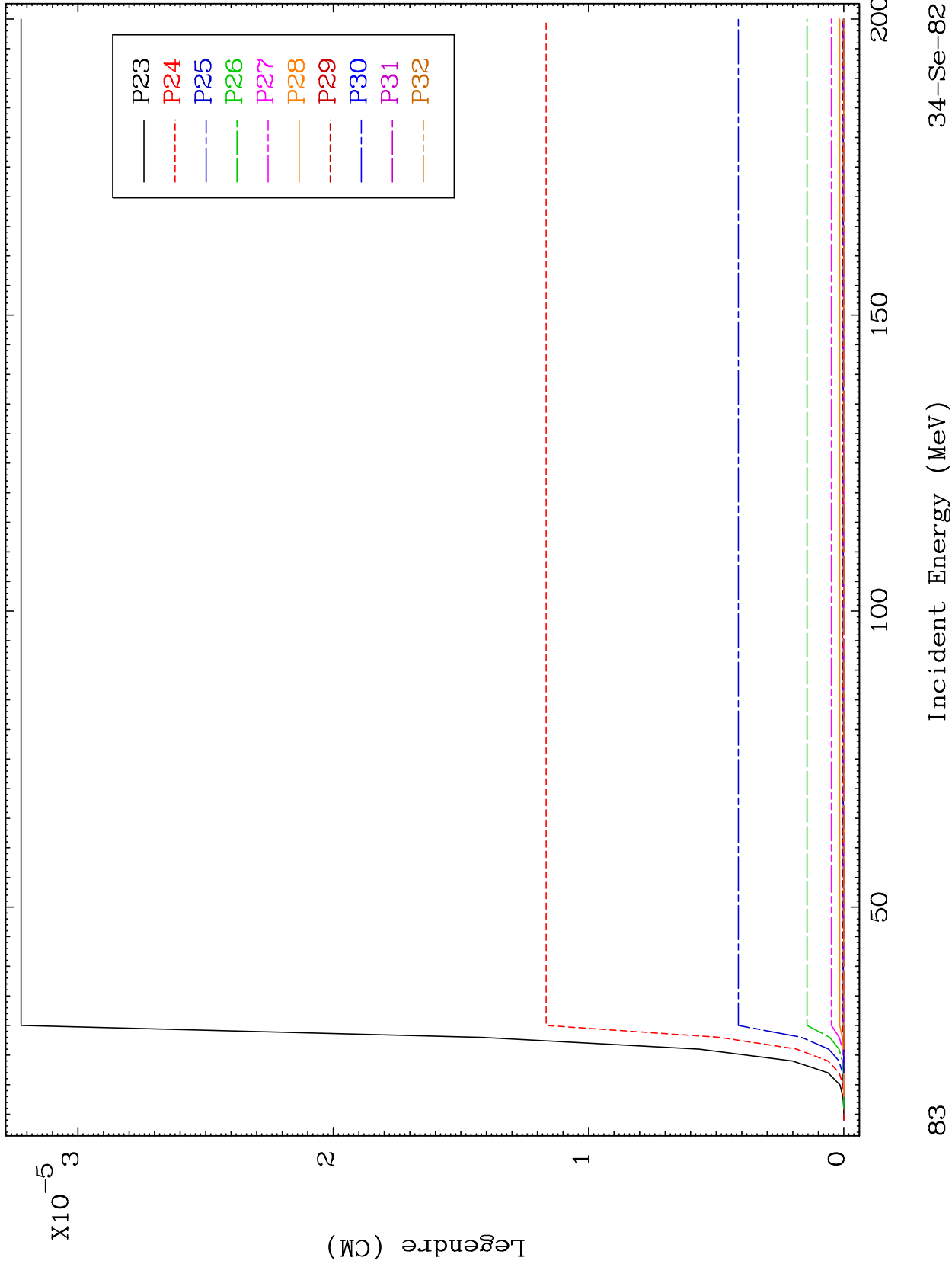
Incident Energy (MeV)

34-Se-82

MAT 3449

3.757 MeV (n,n') Level  
Legendre Coefficients

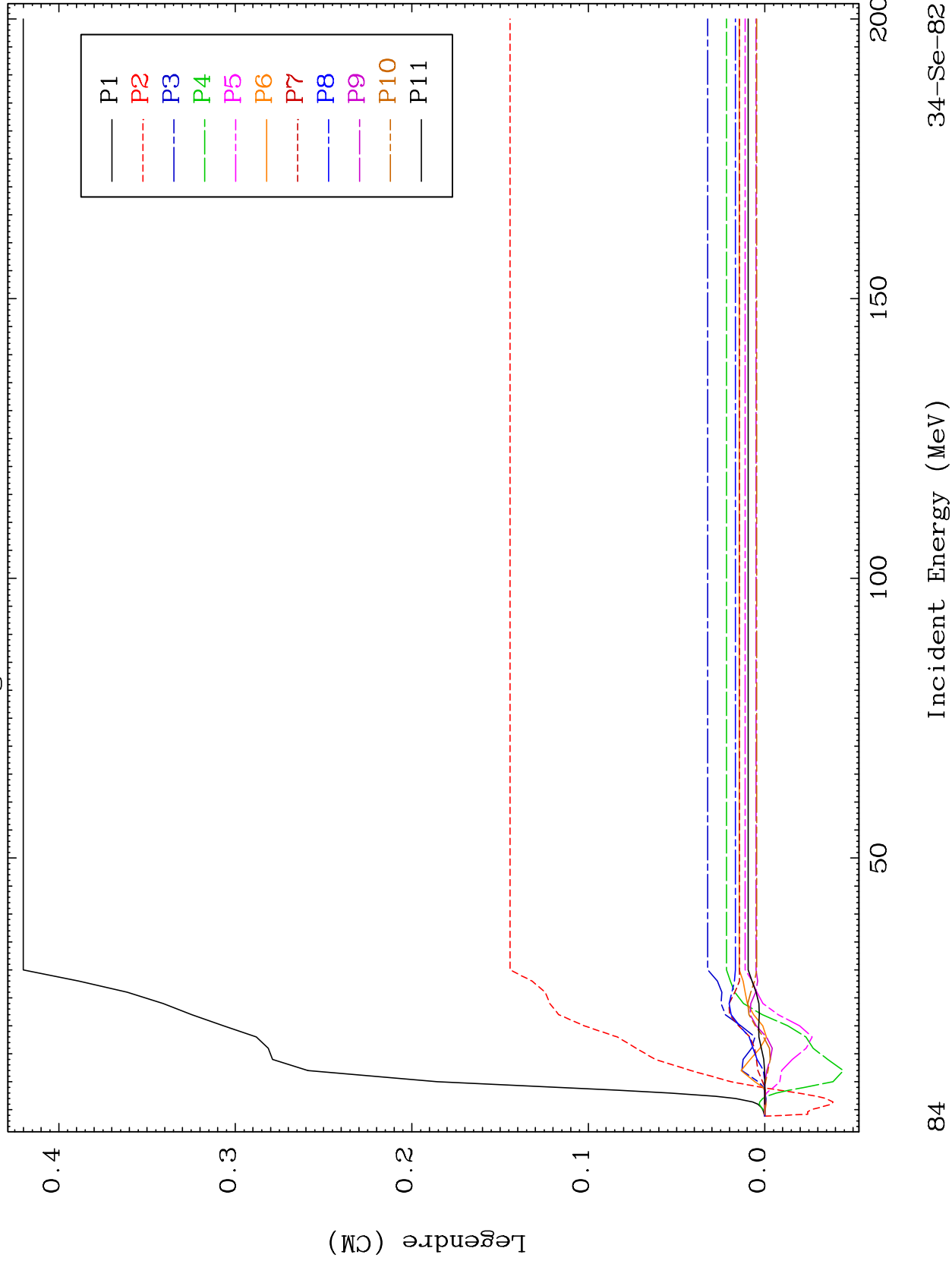
34-Se-82



MAT 3449

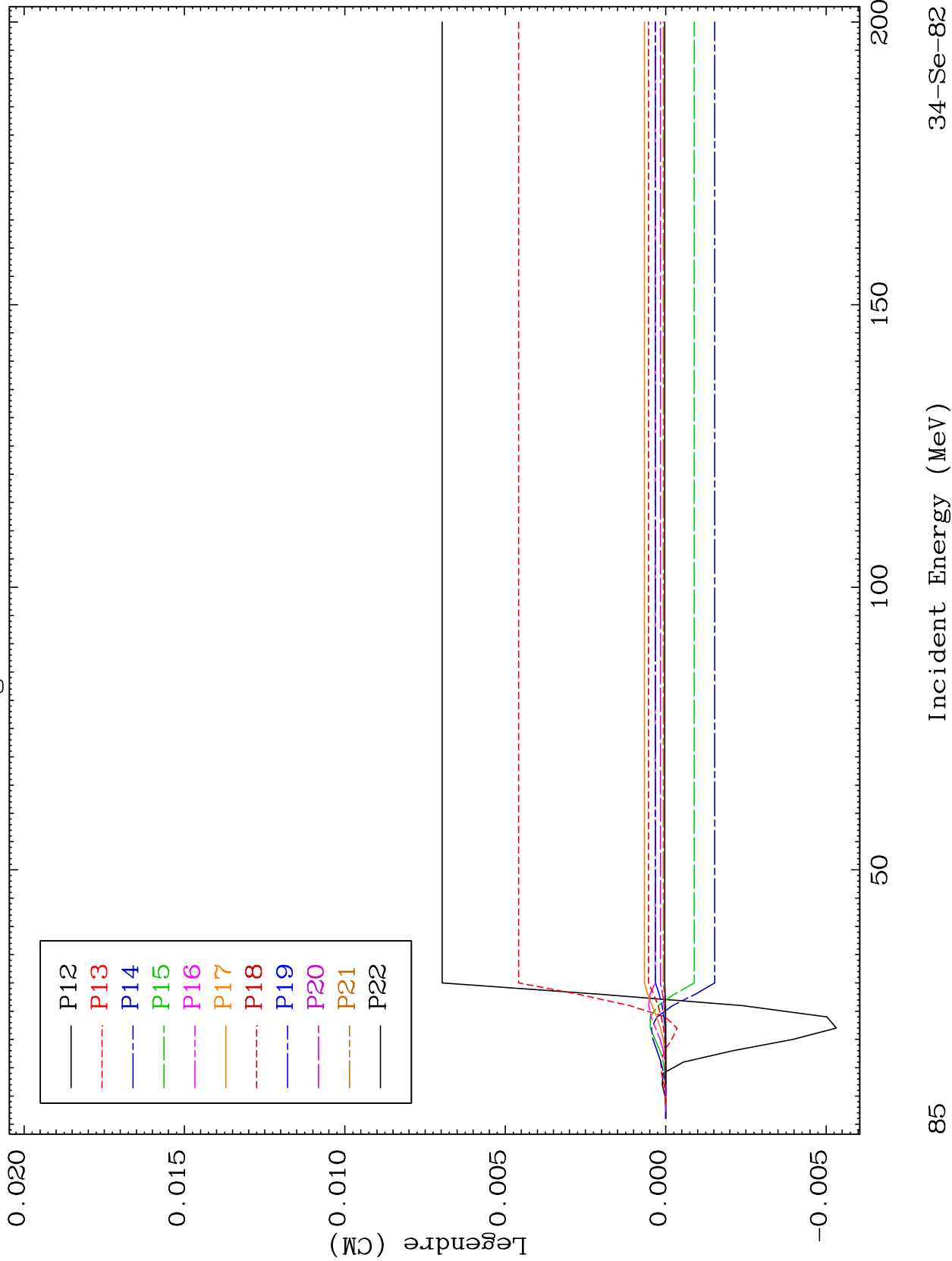
3.798 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



84

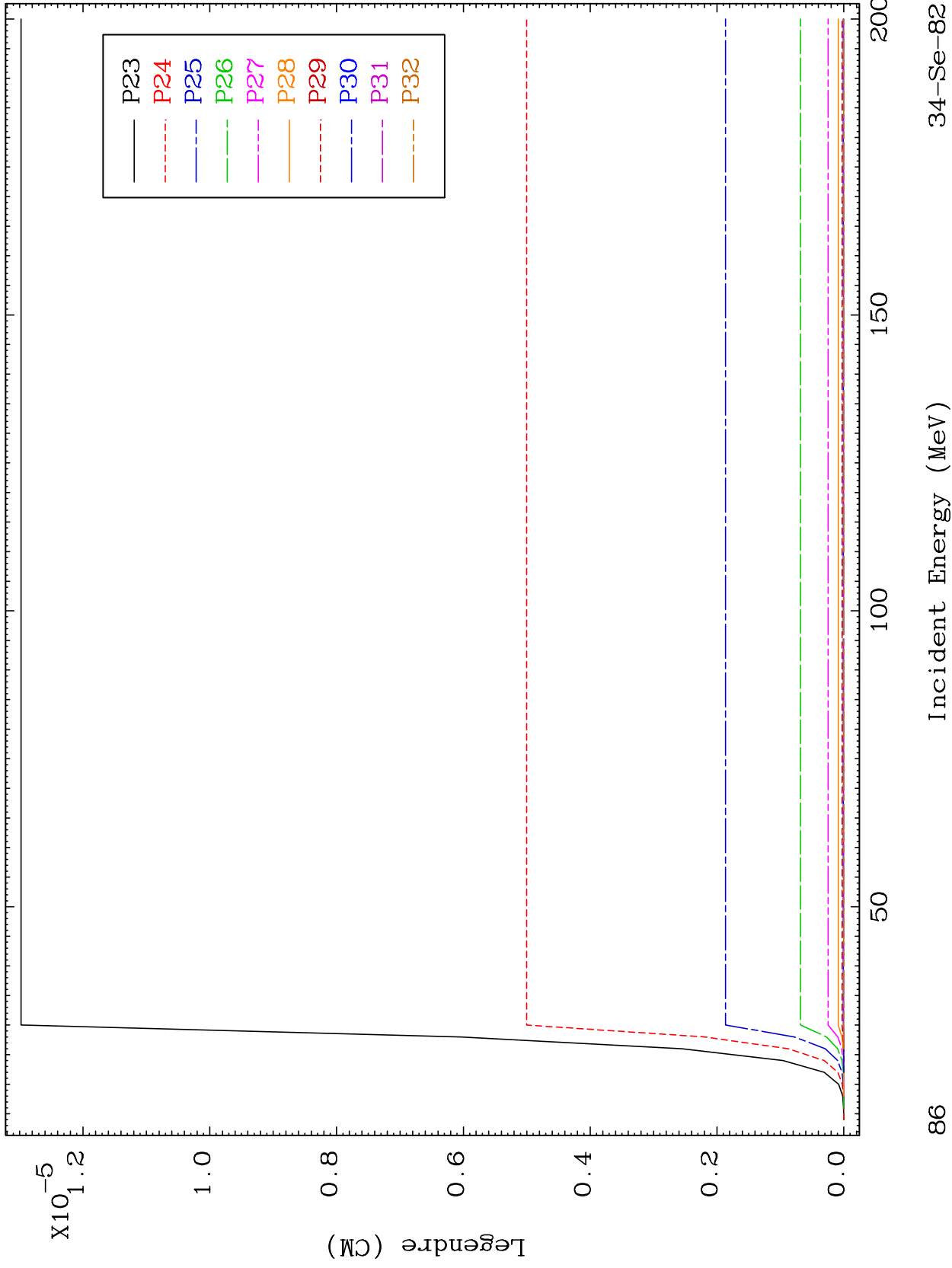
<sup>34</sup>Se-82

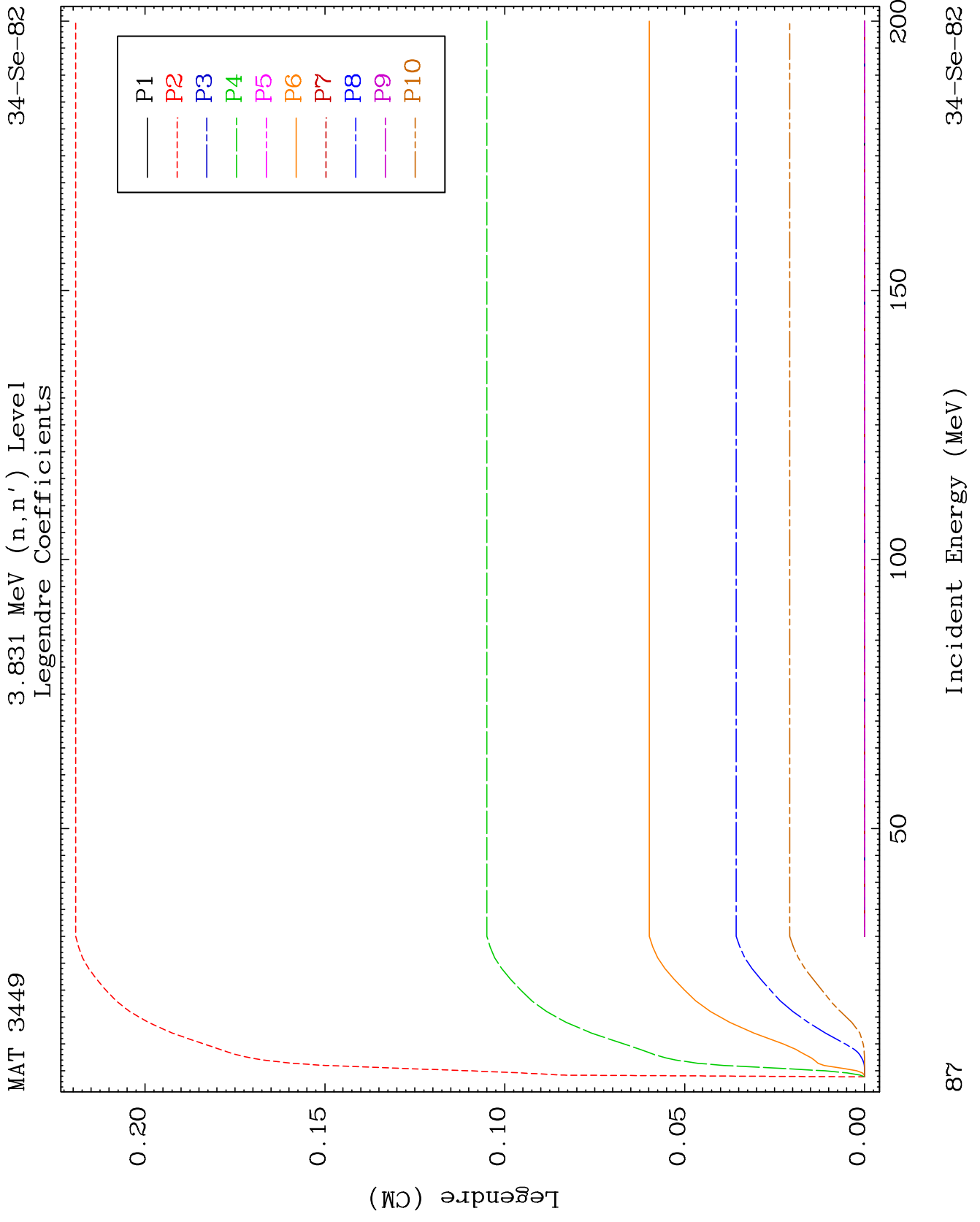


MAT 3449

3.798 MeV (n, n') Level  
Legendre Coefficients

34-Se-82



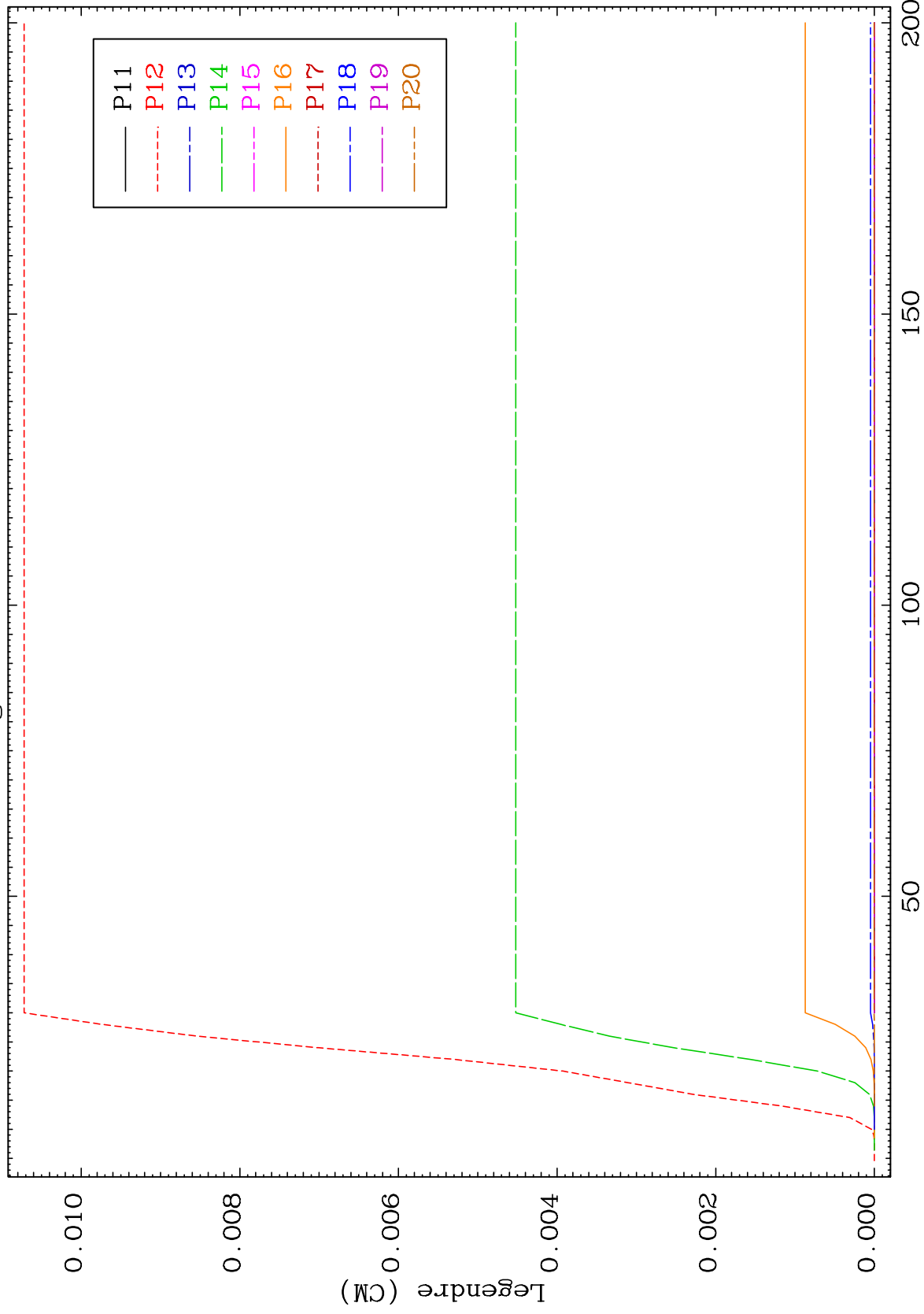




MAT 3449

3.831 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



88

Incident Energy (MeV)

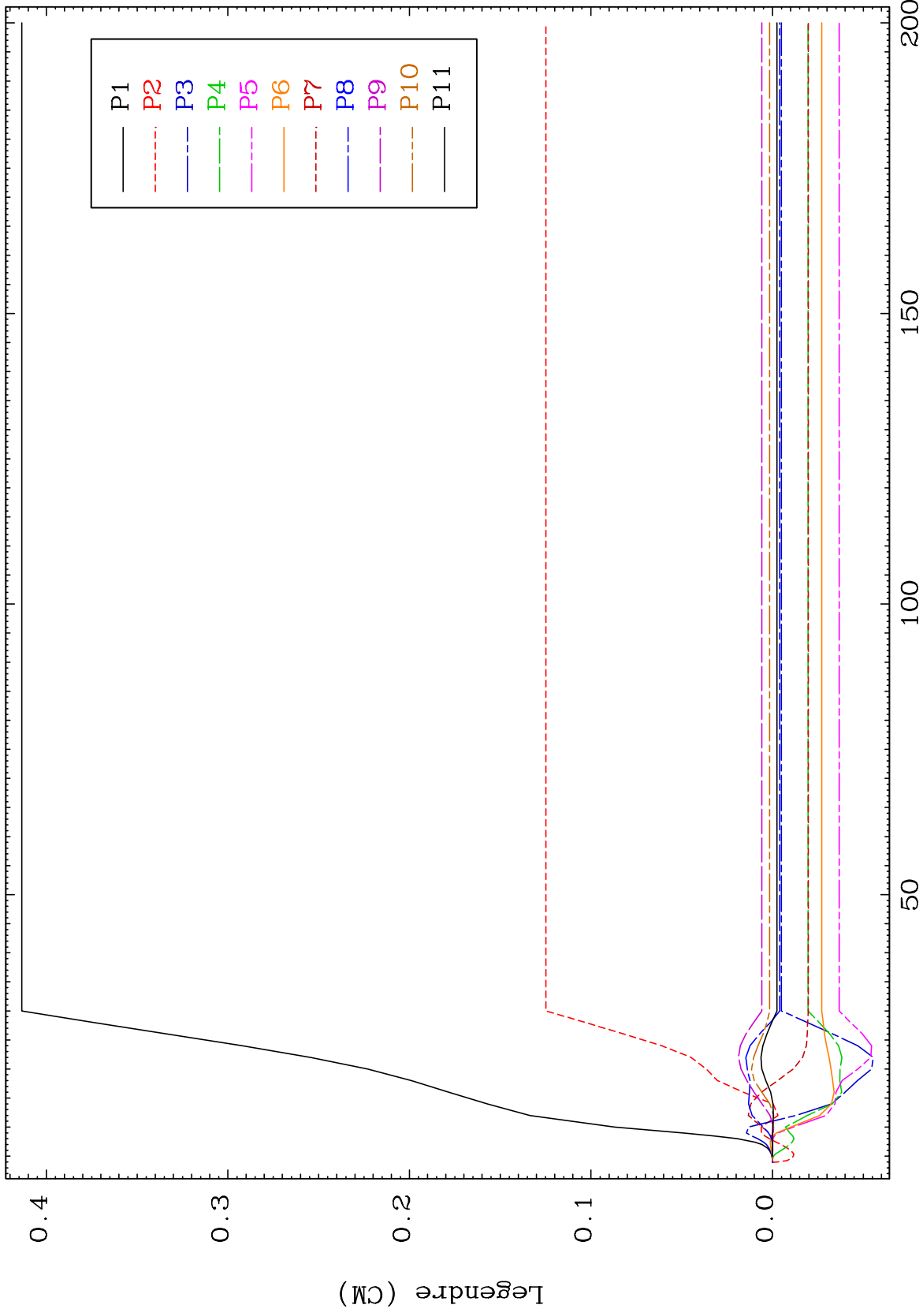
<sup>34</sup>Se-82



MAT 3449

3.865 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



90

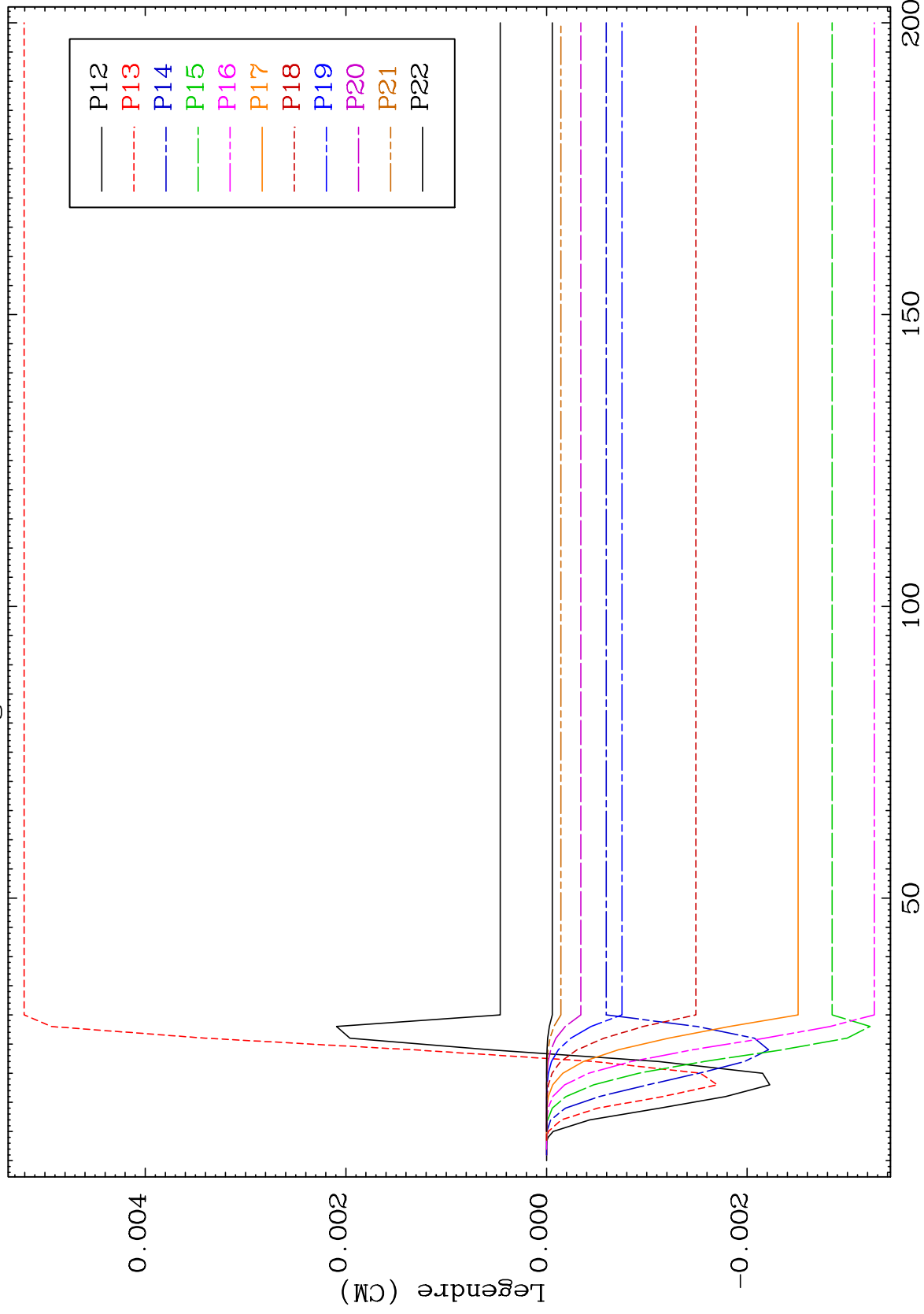
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

3.865 MeV (n, n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



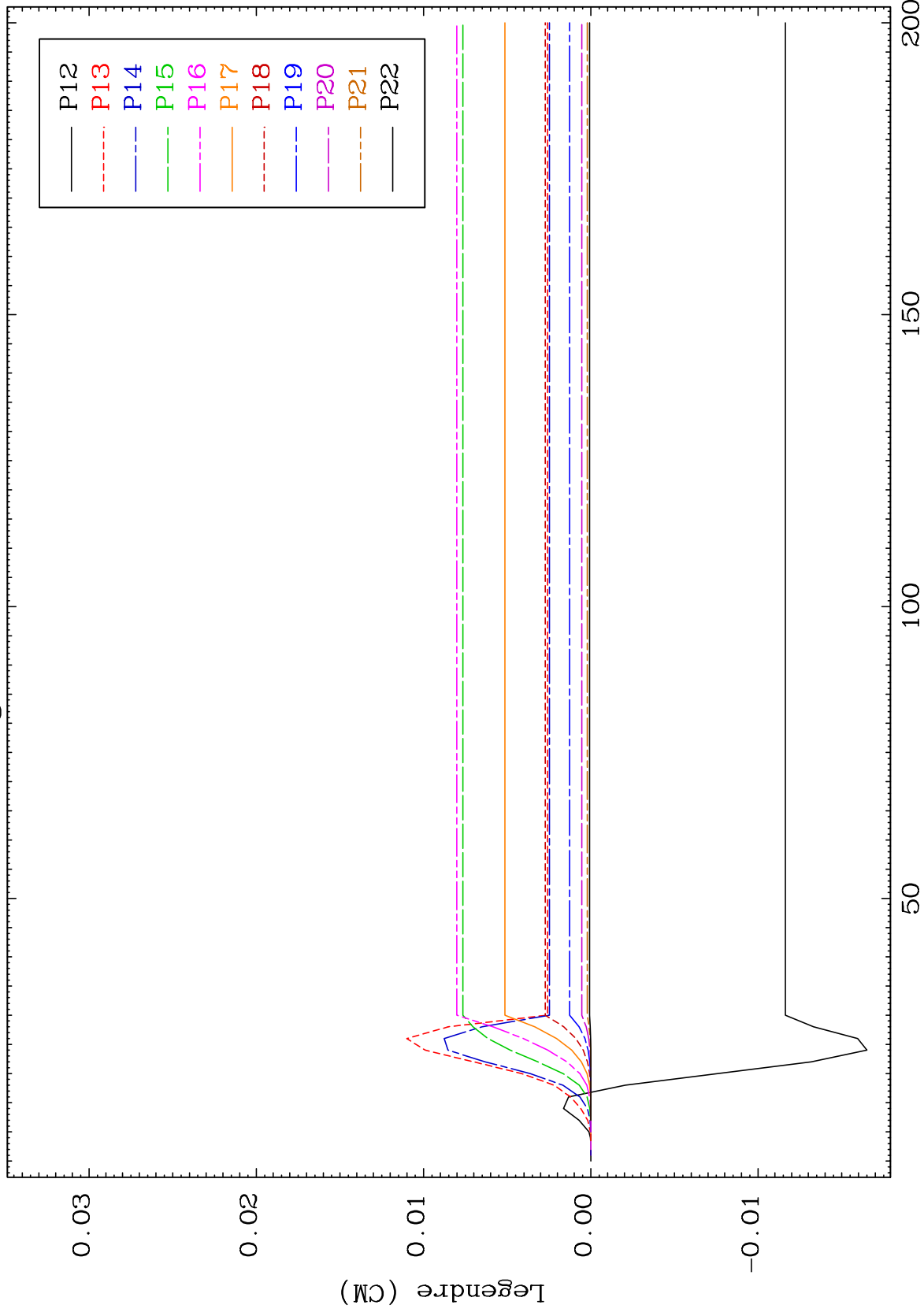




MAT 3449

3.918 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



94

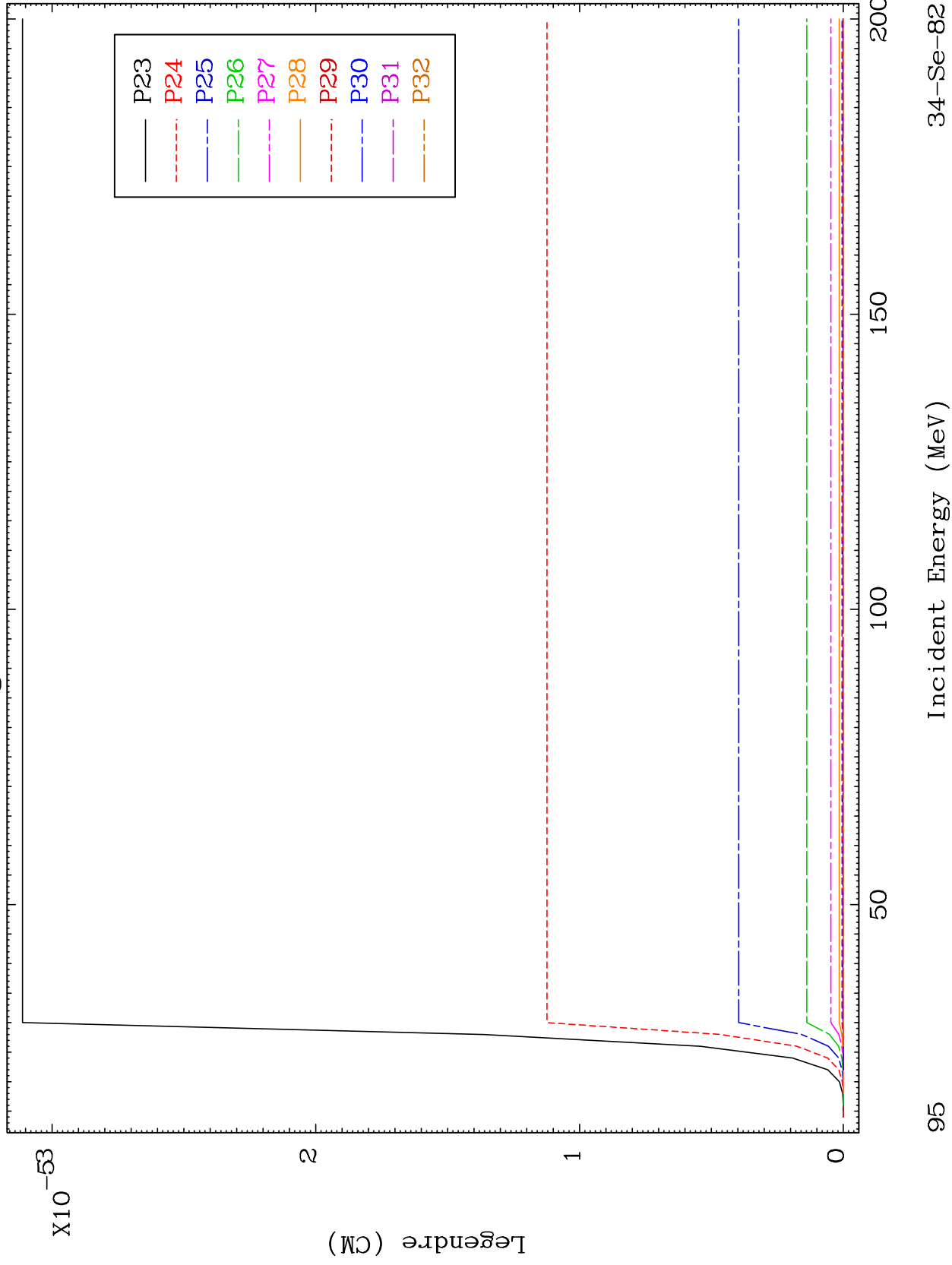
Incident Energy (MeV)

34-Se-82

MAT 3449

3.918 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



95

Incident Energy (MeV)

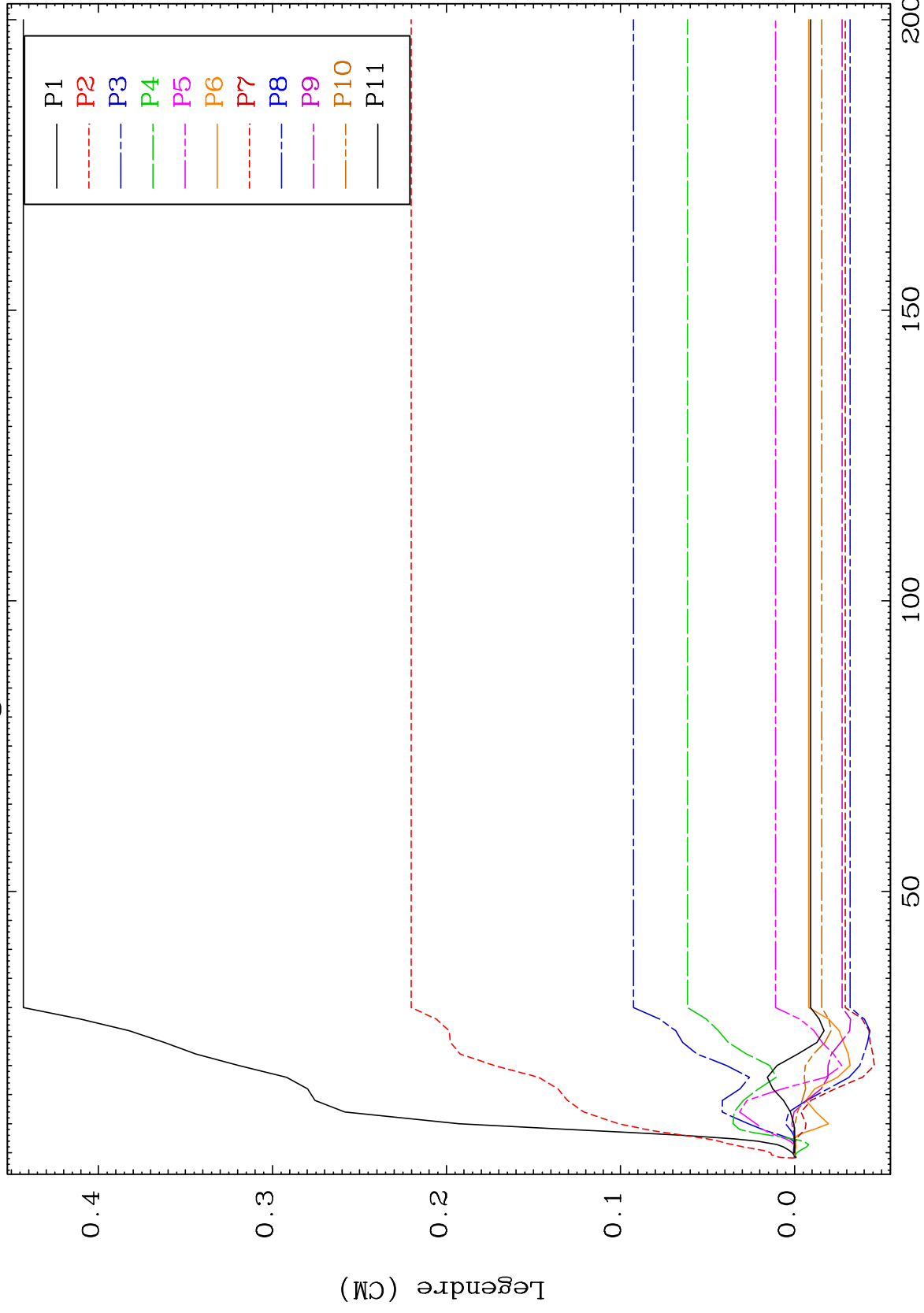
34-Se-82



MAT 3449

4.036 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



96

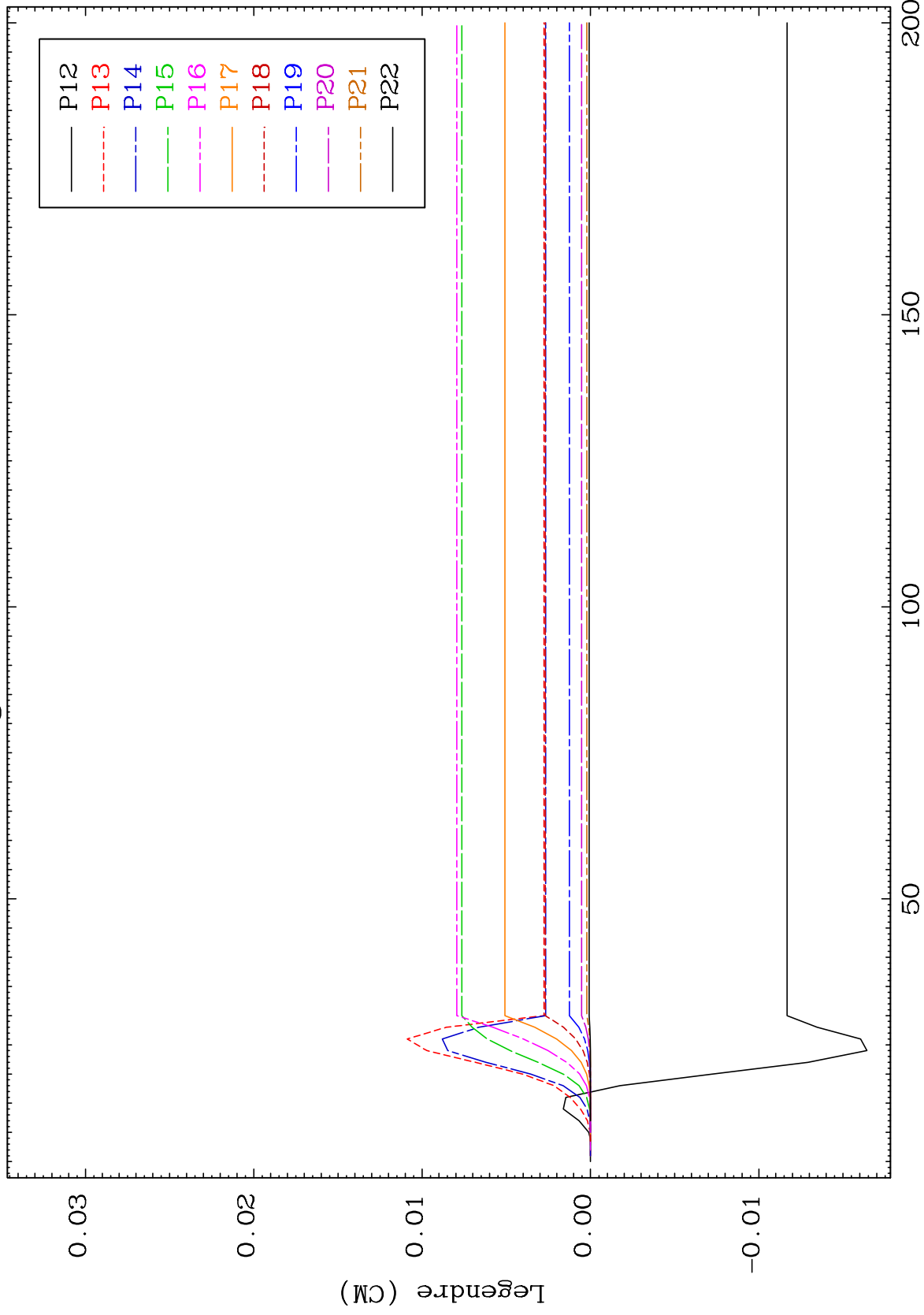
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

4.036 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



97

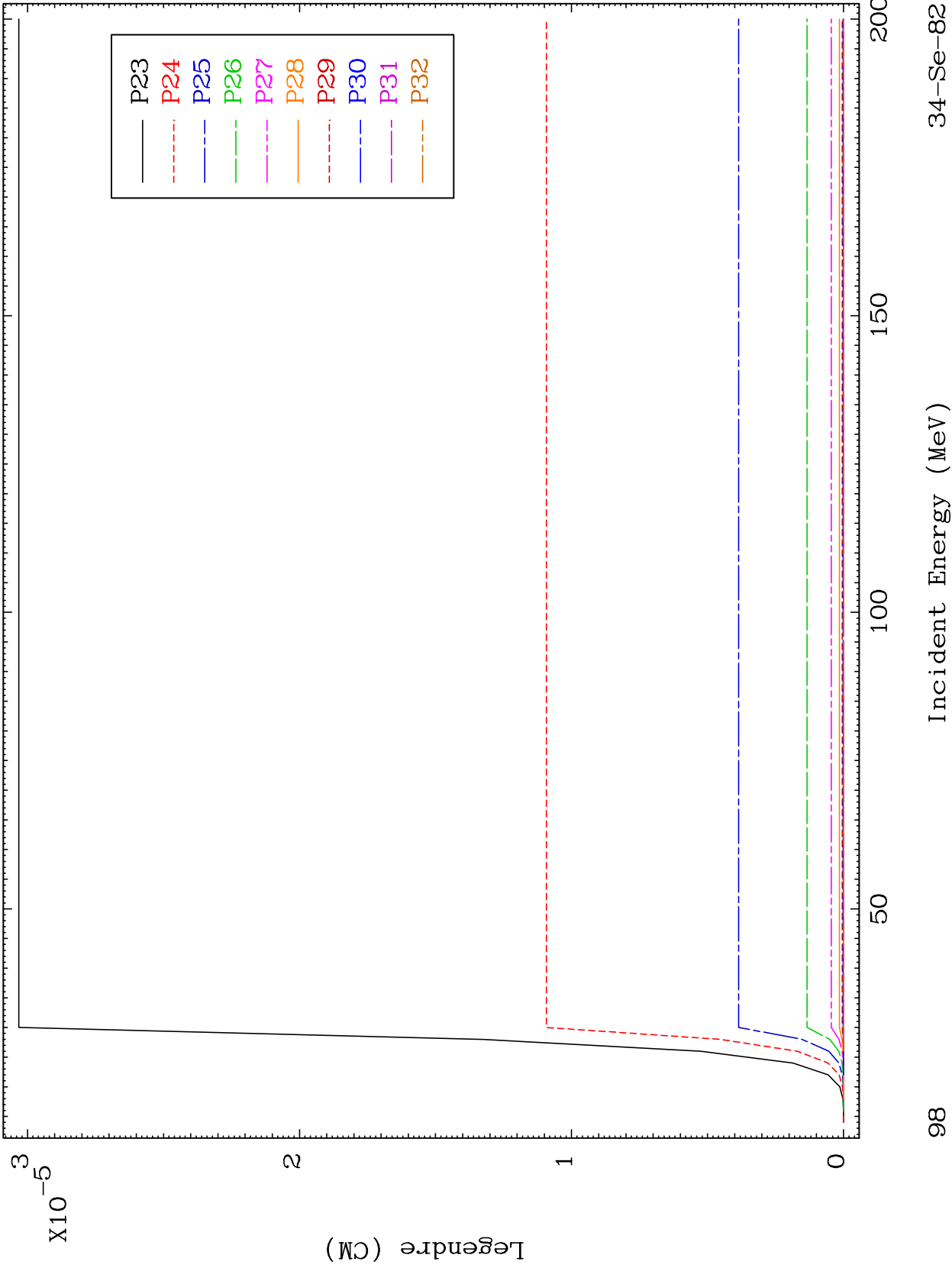
Incident Energy (MeV)

34-Se-82

MAT 3449

4.036 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



98

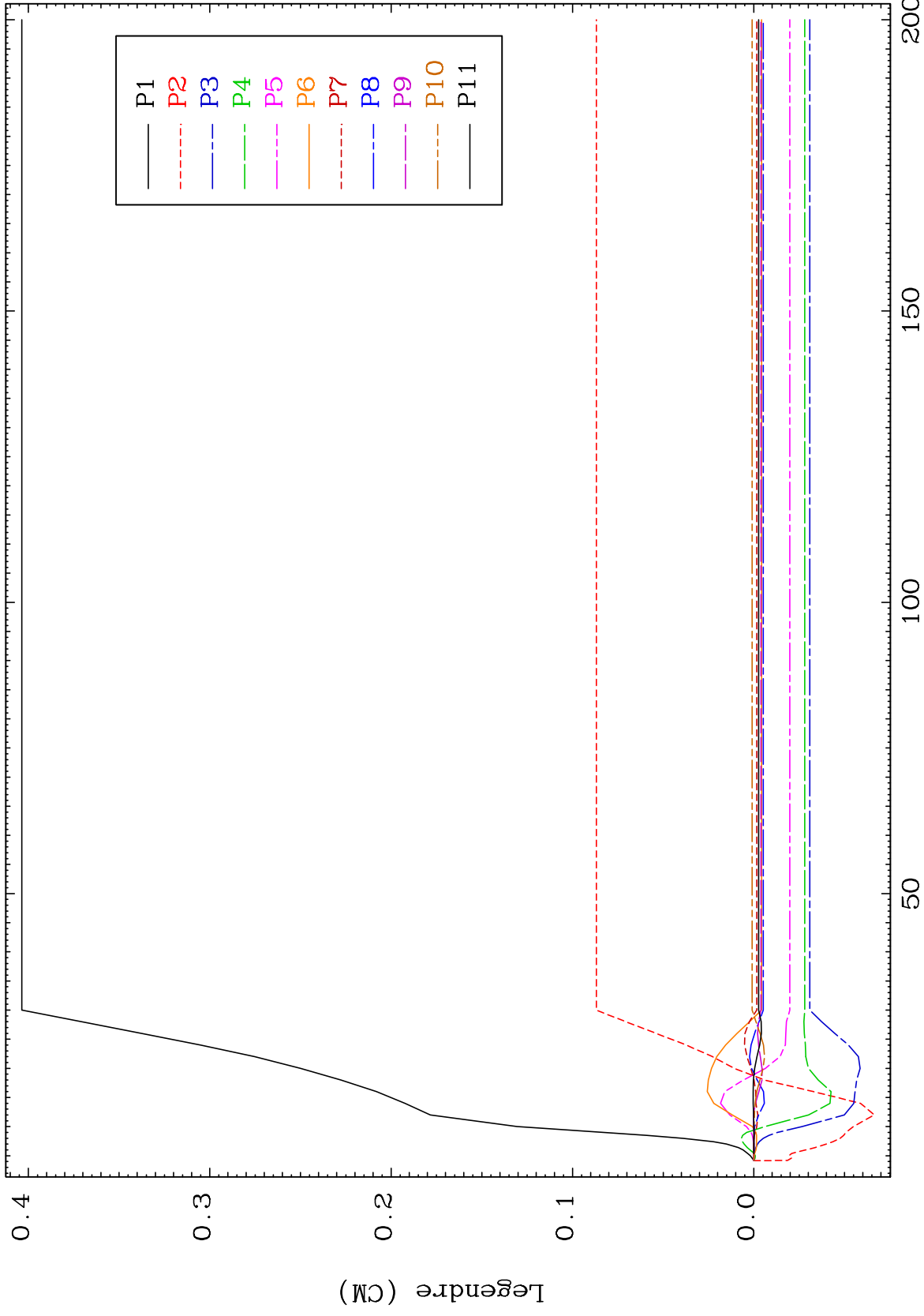
Incident Energy (MeV)

34-Se-82

MAT 3449

4.094 MeV (n,n') Level  
Legendre Coefficients

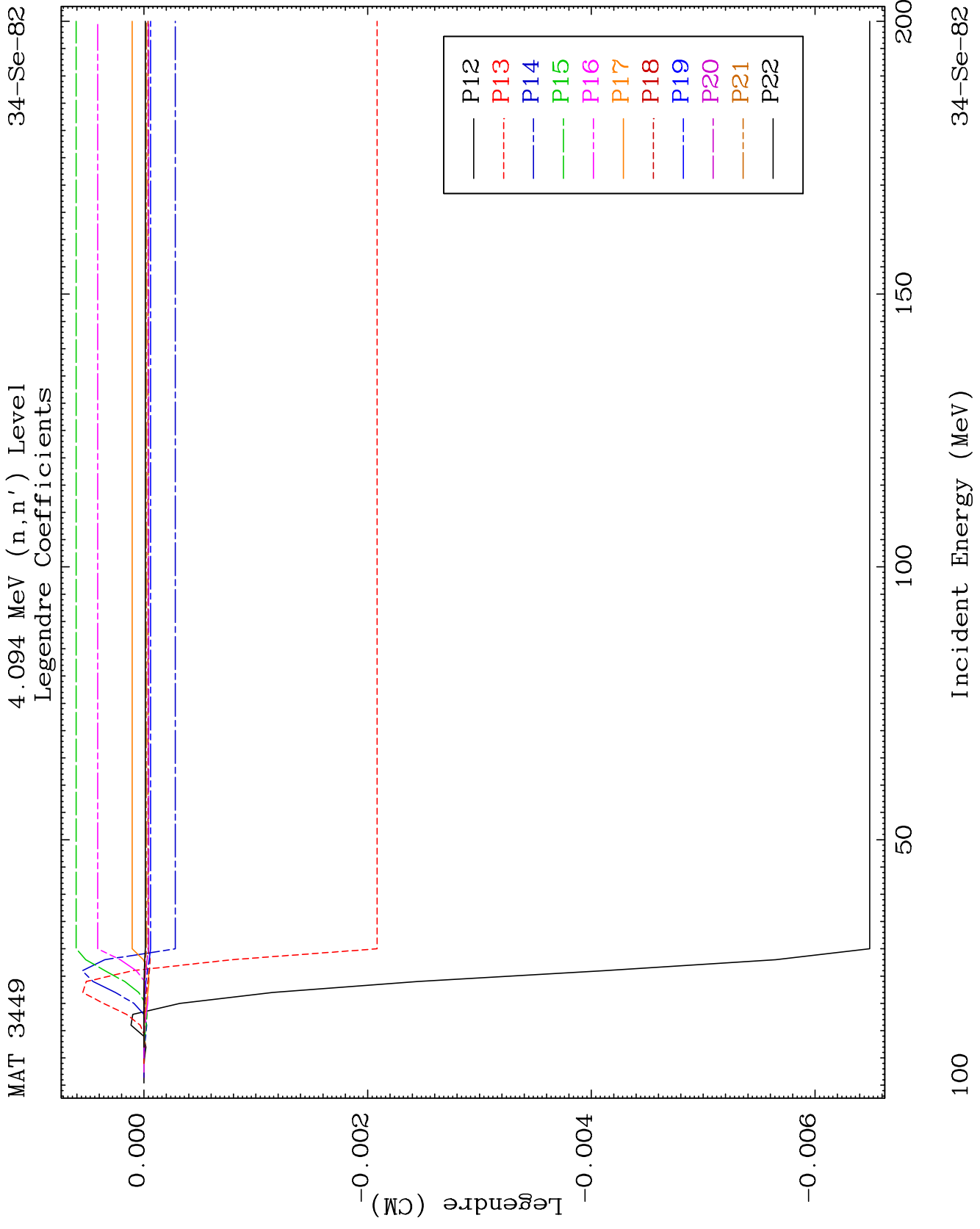
34-Se-82

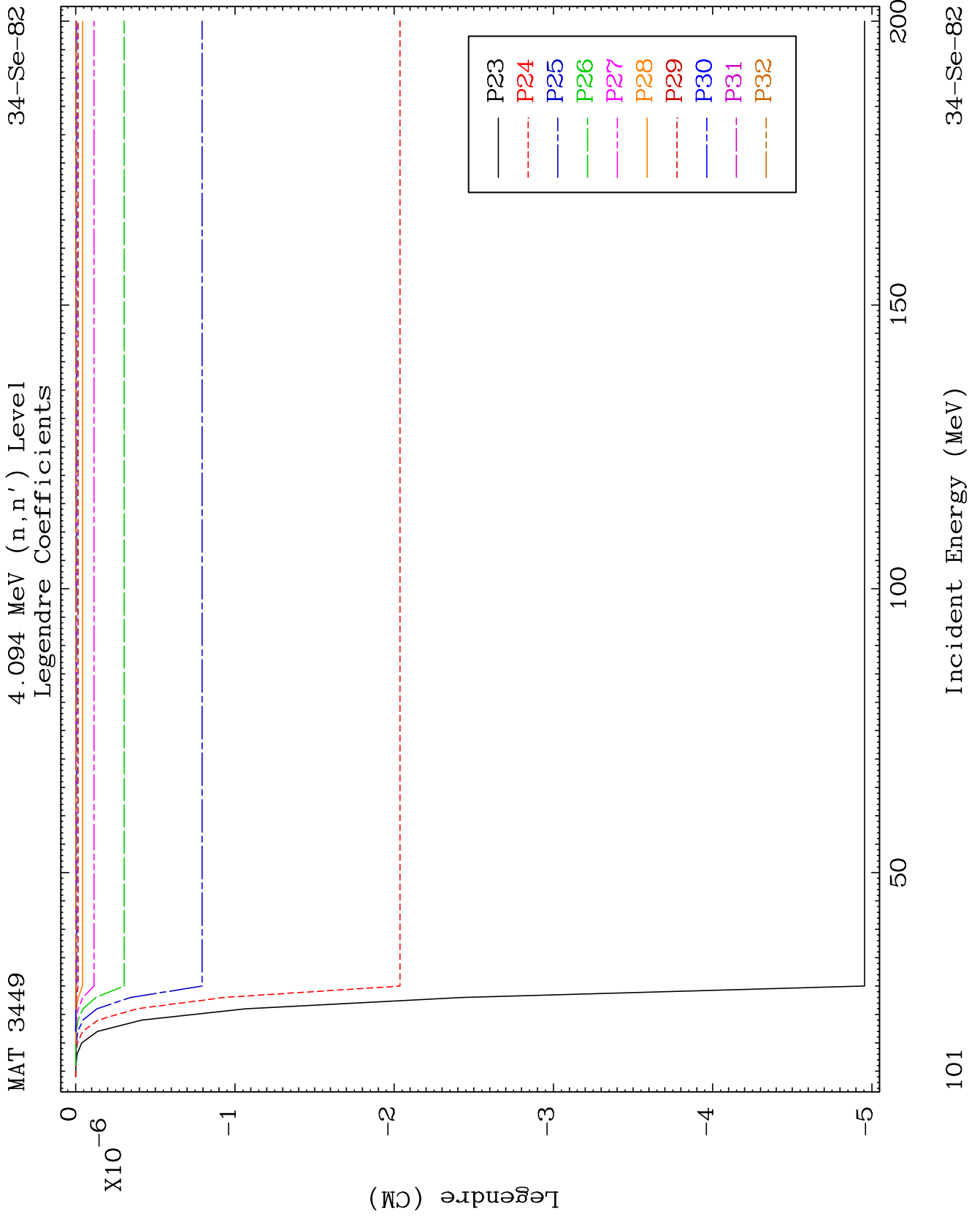


99

Incident Energy (MeV)

34-Se-82

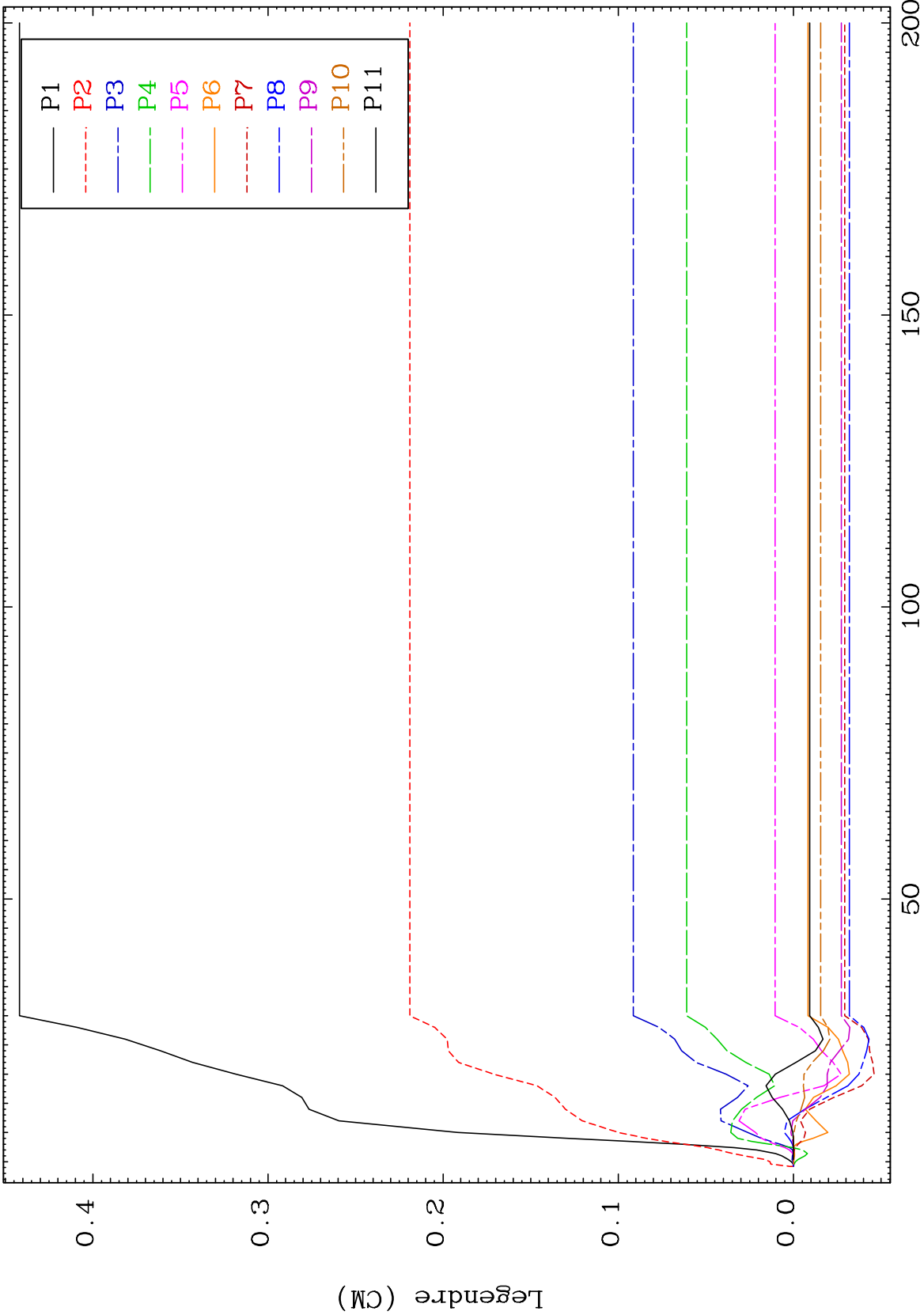




MAT 3449

4.134 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



102

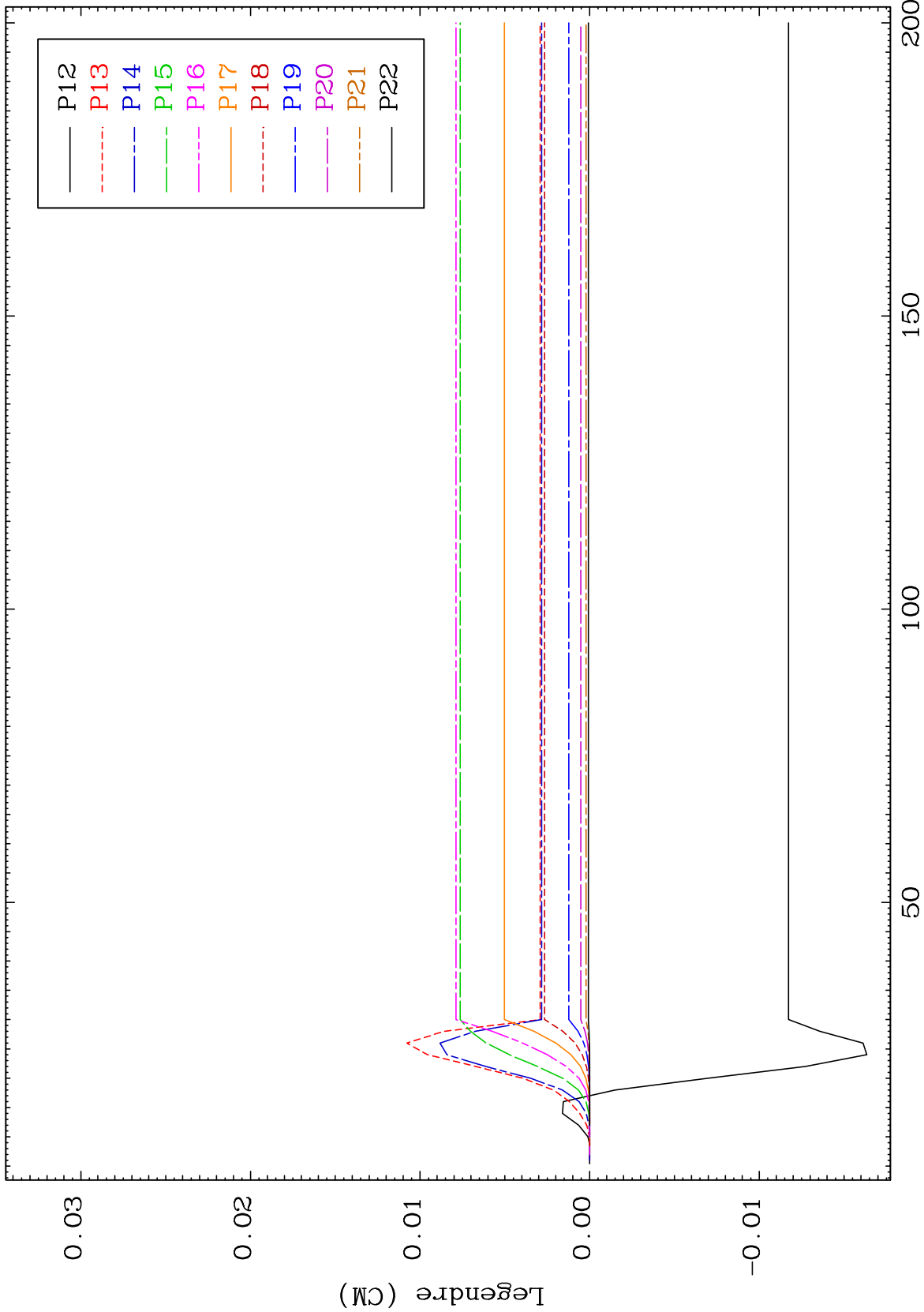
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

4.134 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



103

Incident Energy (MeV)

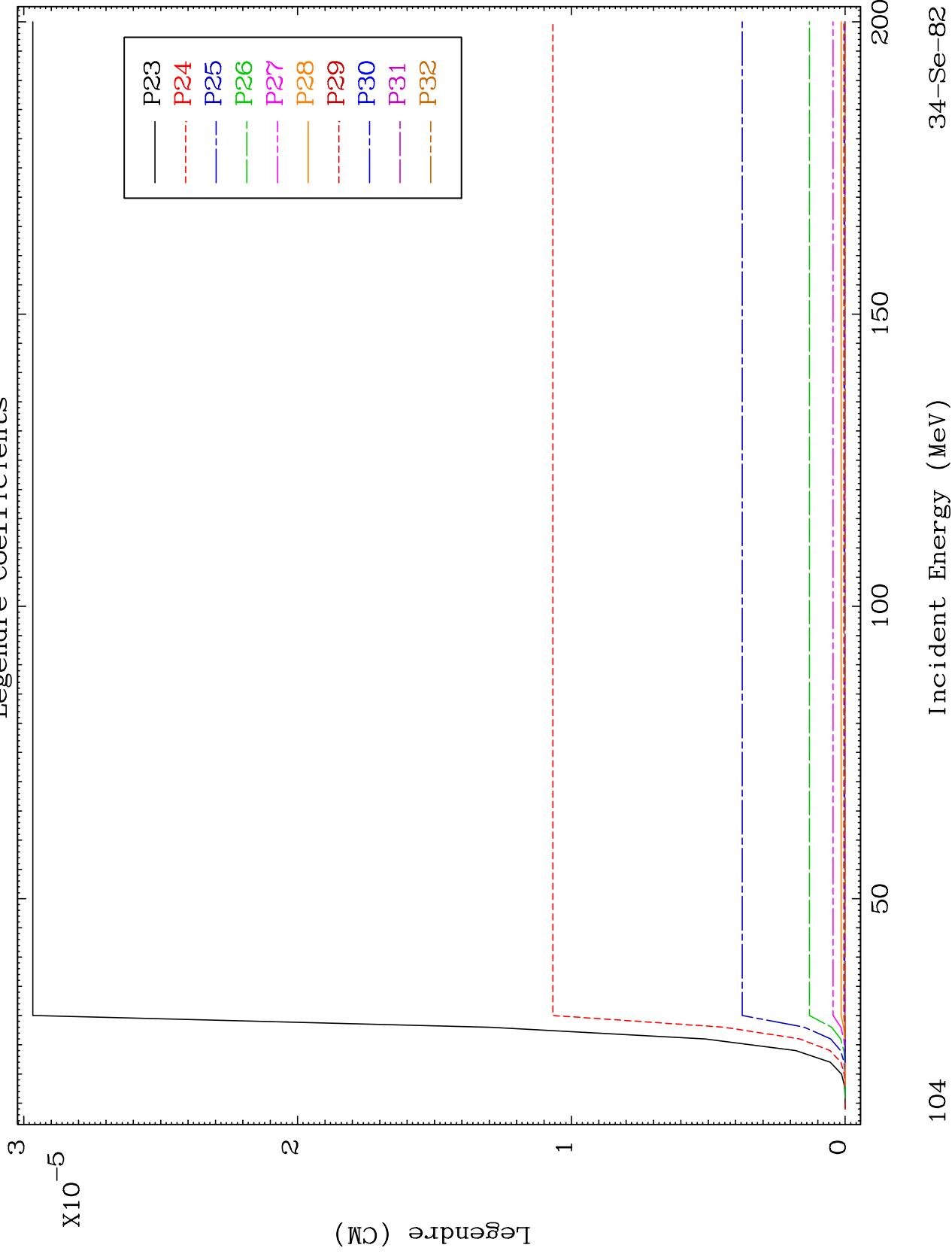
<sup>34</sup>Se-82



MAT 3449

4.134 MeV (n,n') Level  
Legendre Coefficients

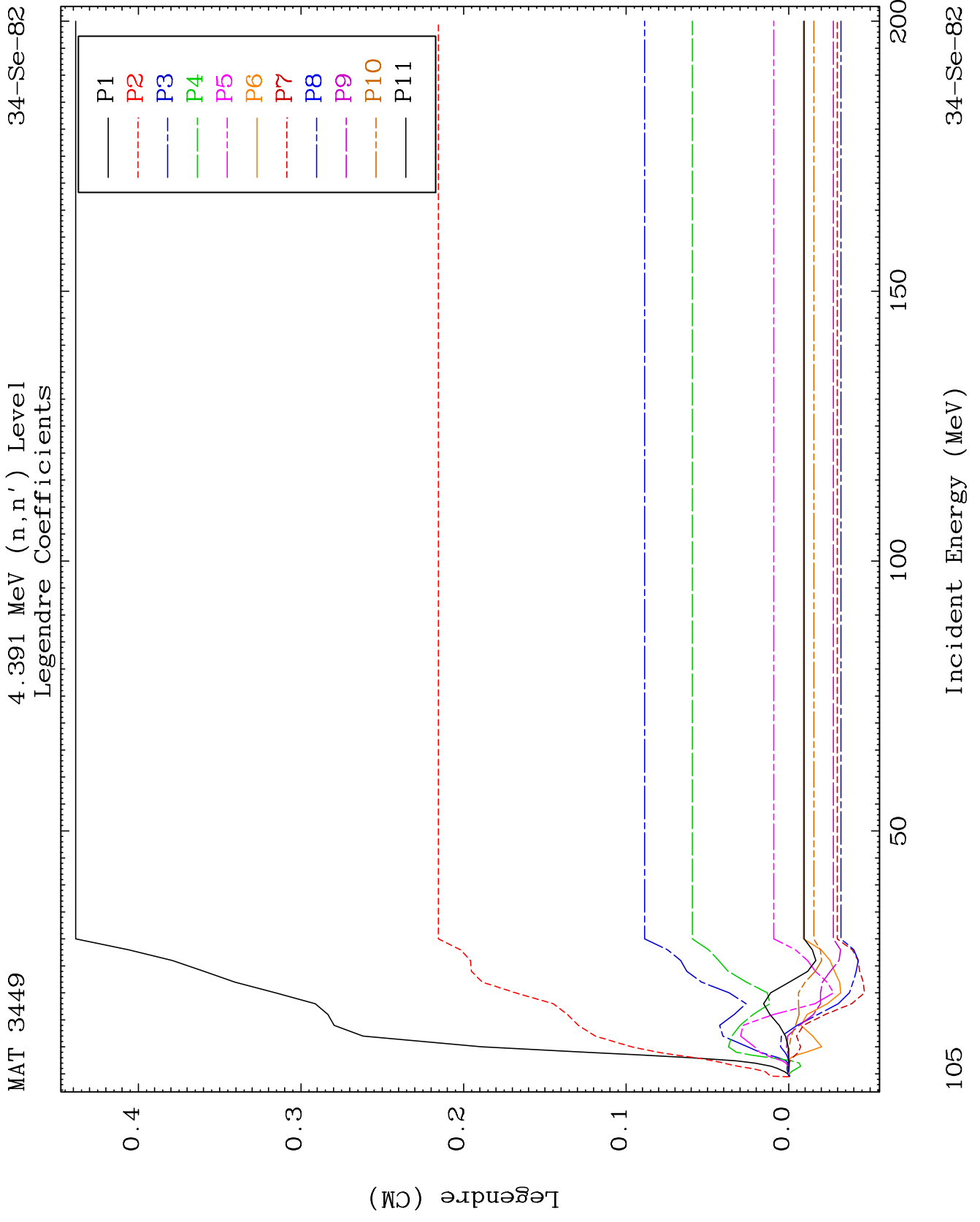
34-Se-82



104

Incident Energy (MeV)

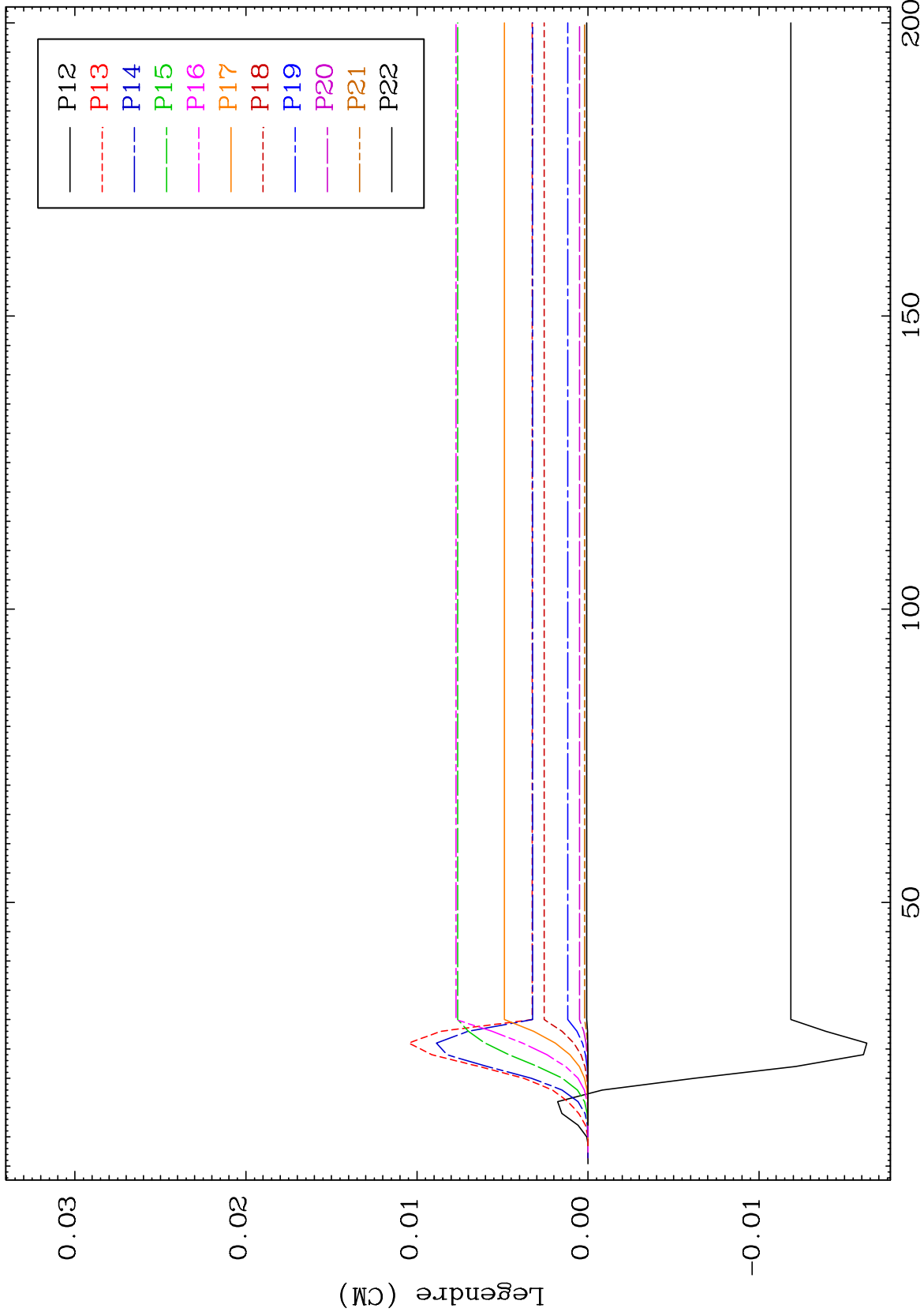
34-Se-82



MAT 3449

4.391 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



106

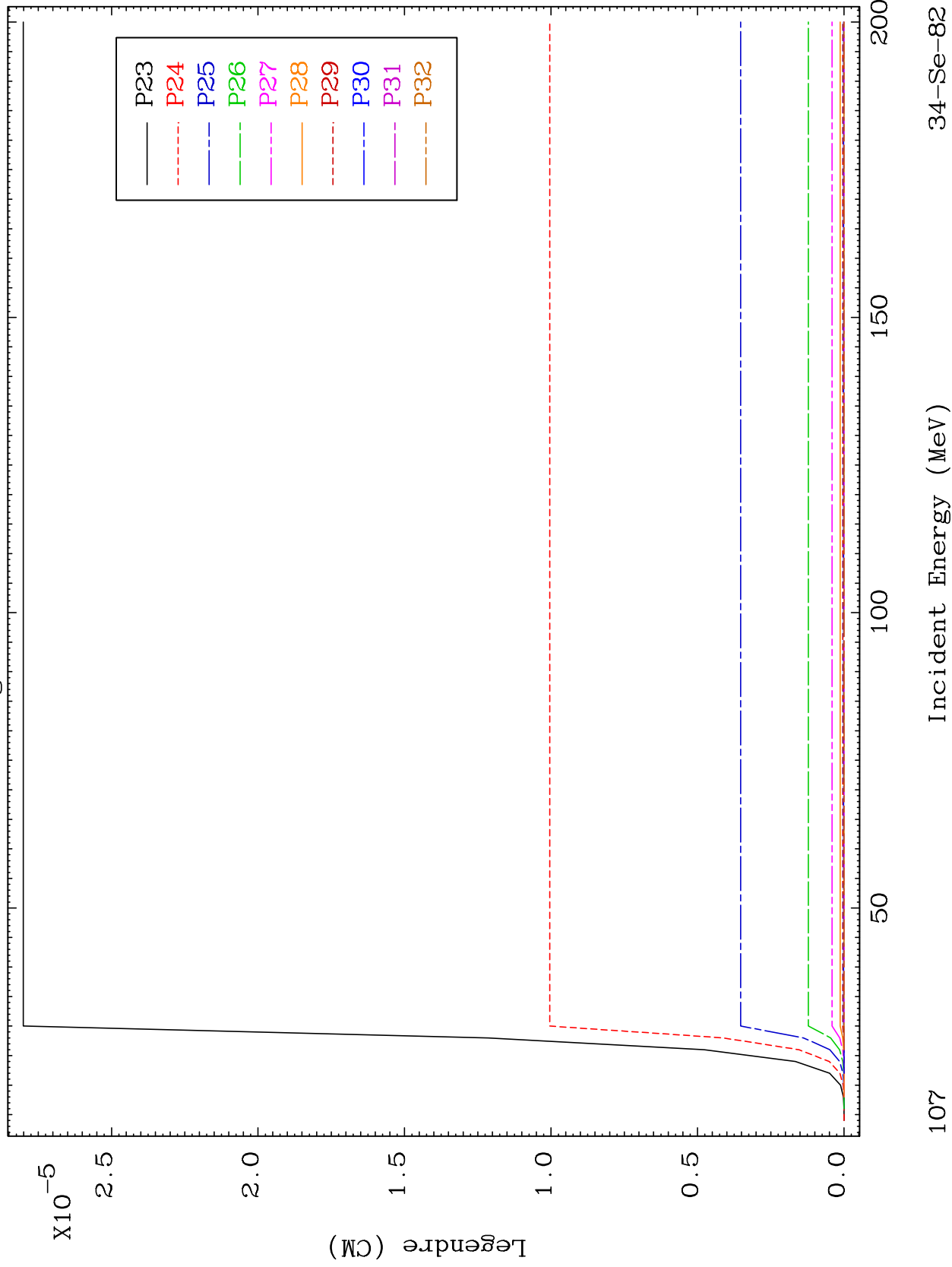
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

4.391 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



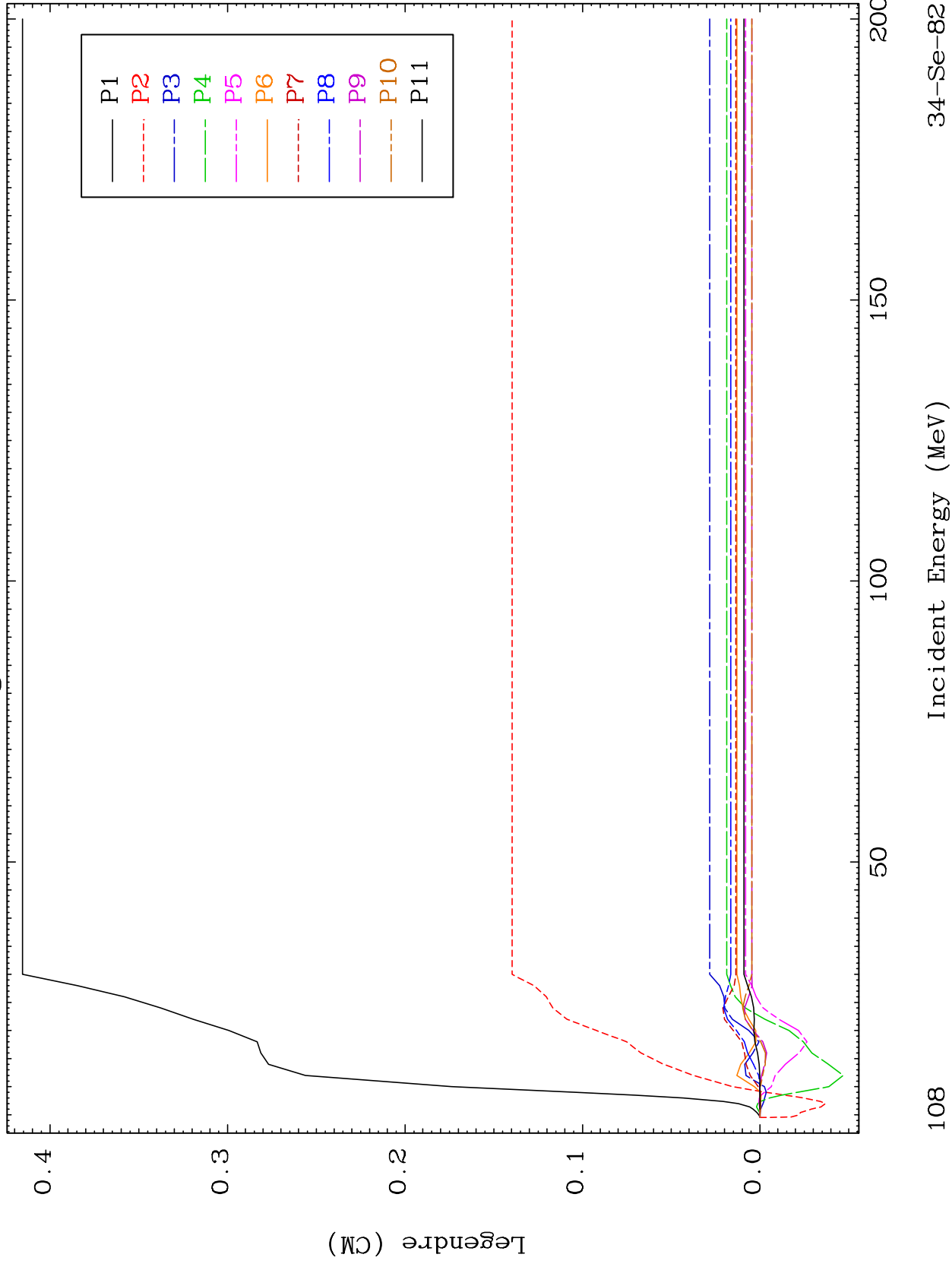
107

34-Se-82

MAT 3449

4.466 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-82



108

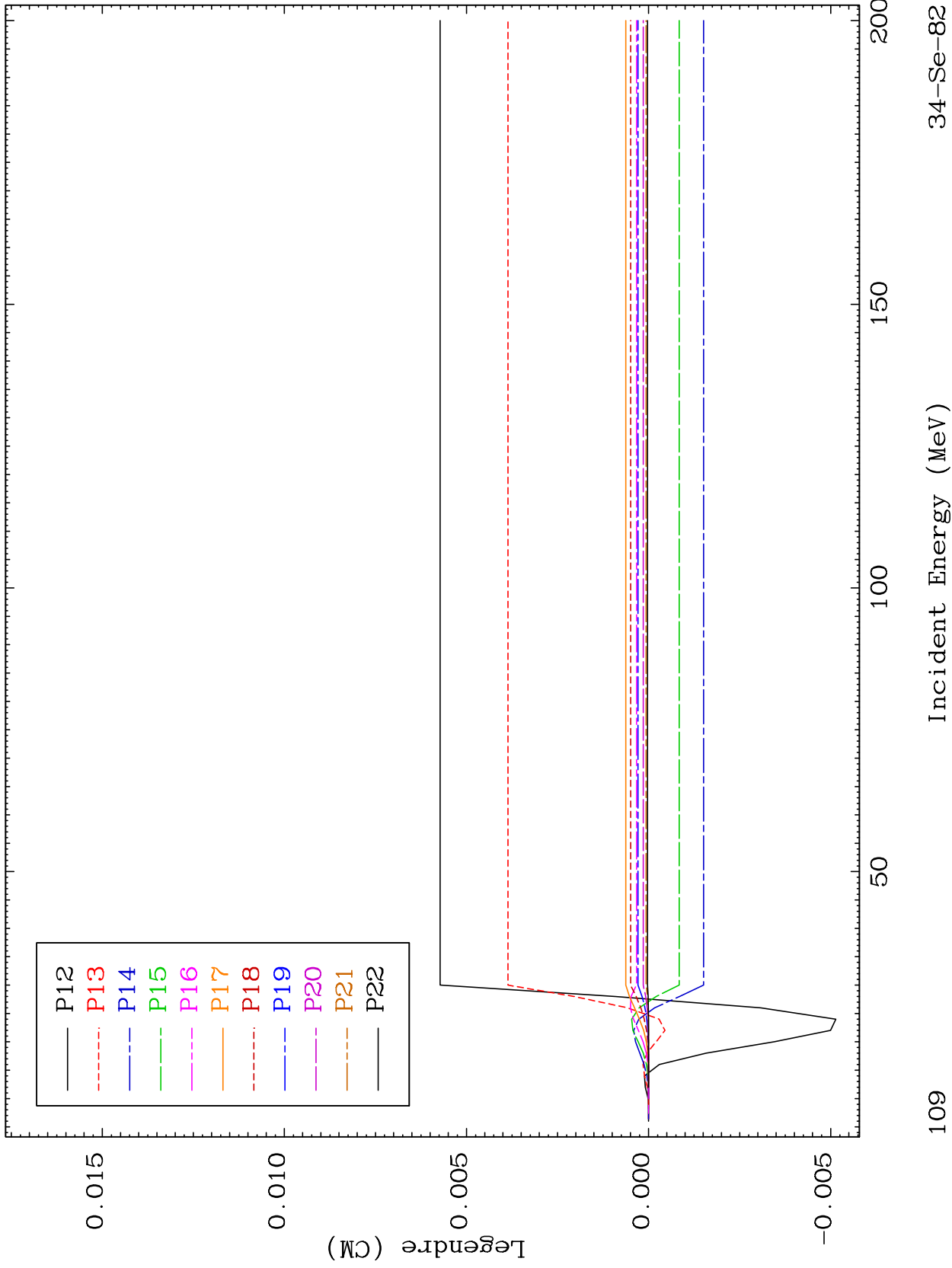
Incident Energy (MeV)

<sup>34</sup>Se-82

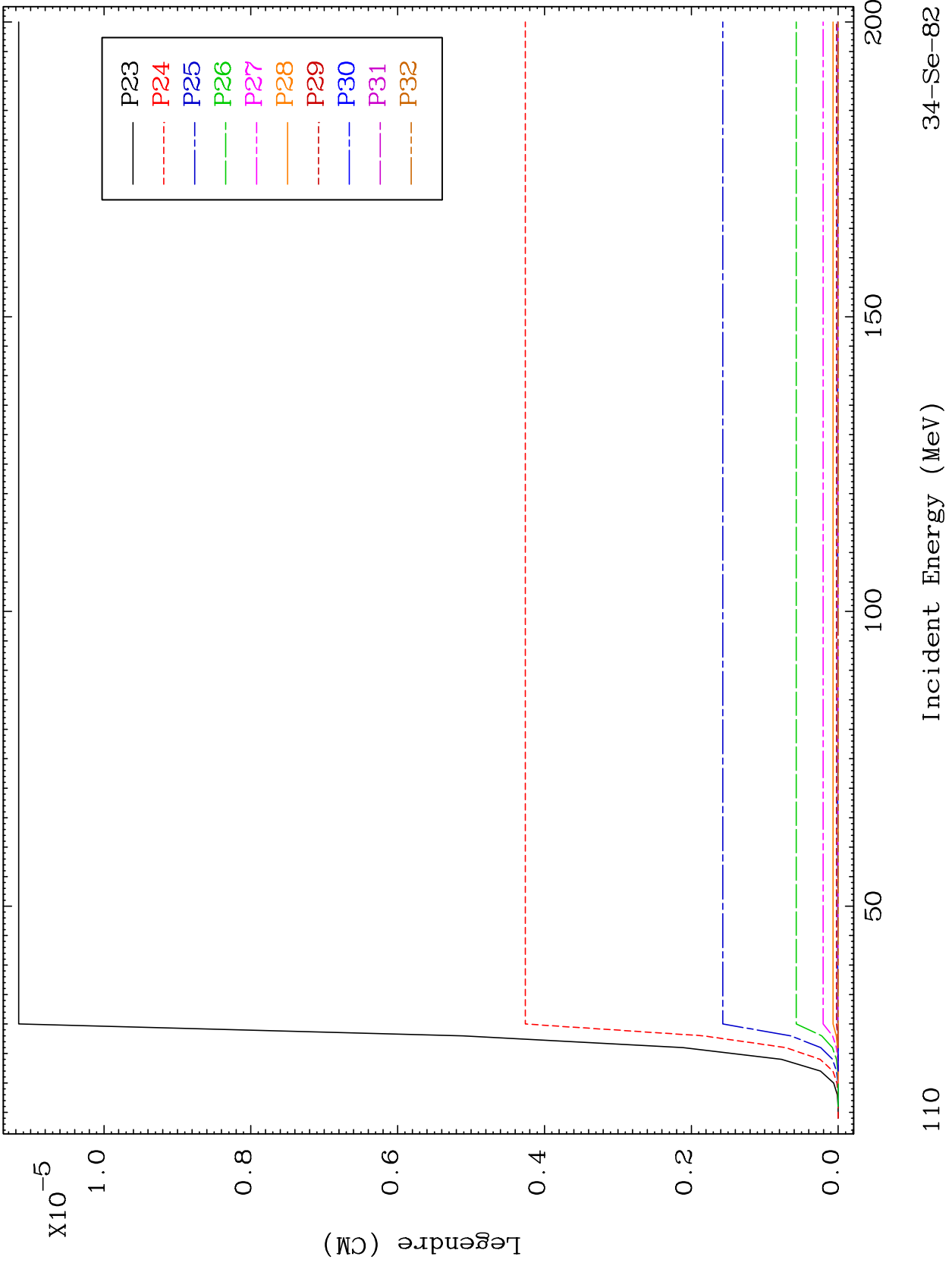
MAT 3449

4.466 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



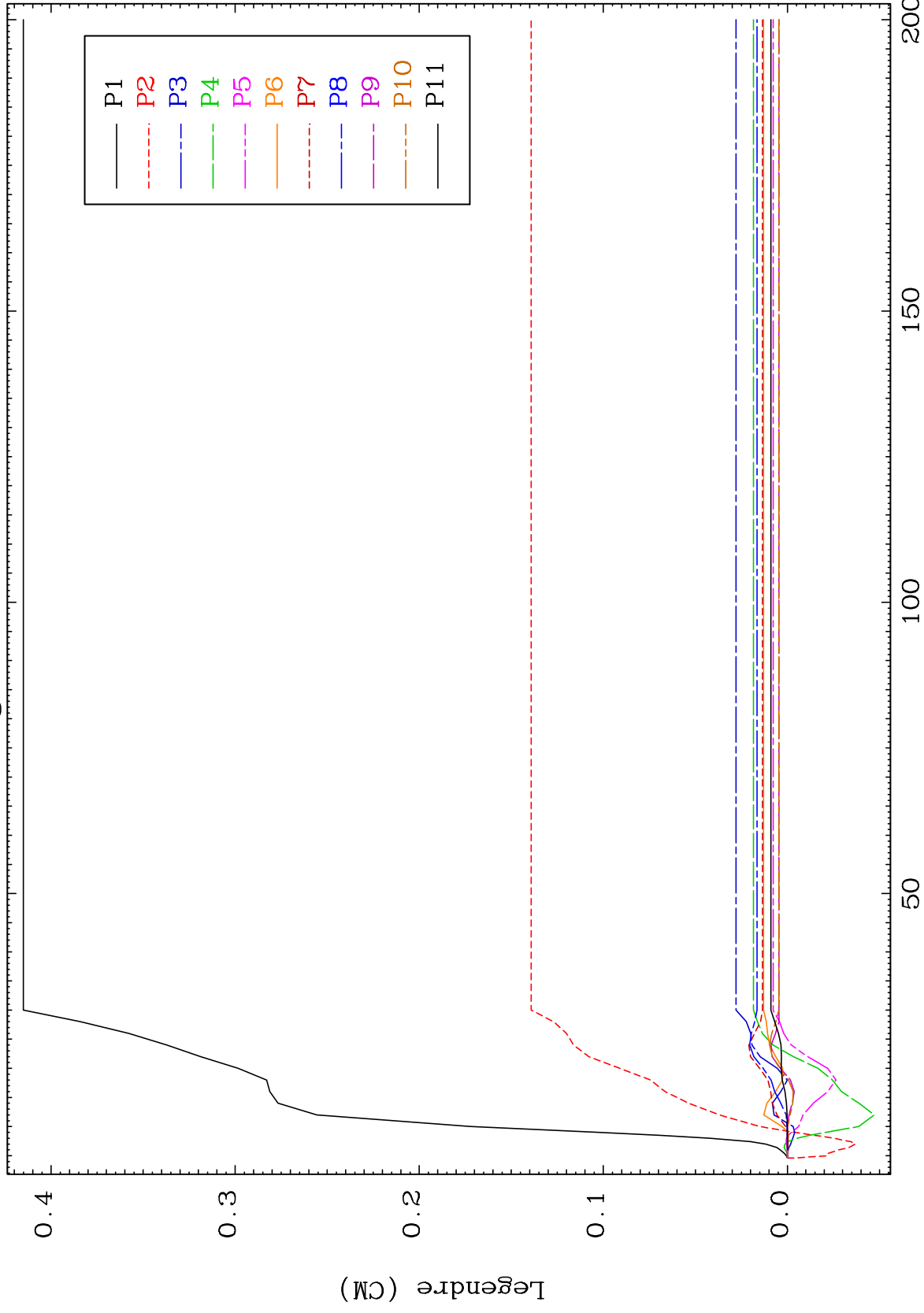
MAT 3449      4.466 MeV (n,n') Level      34-Se-82  
Legendre Coefficients



MAT 3449

4.535 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



111

Incident Energy (MeV)

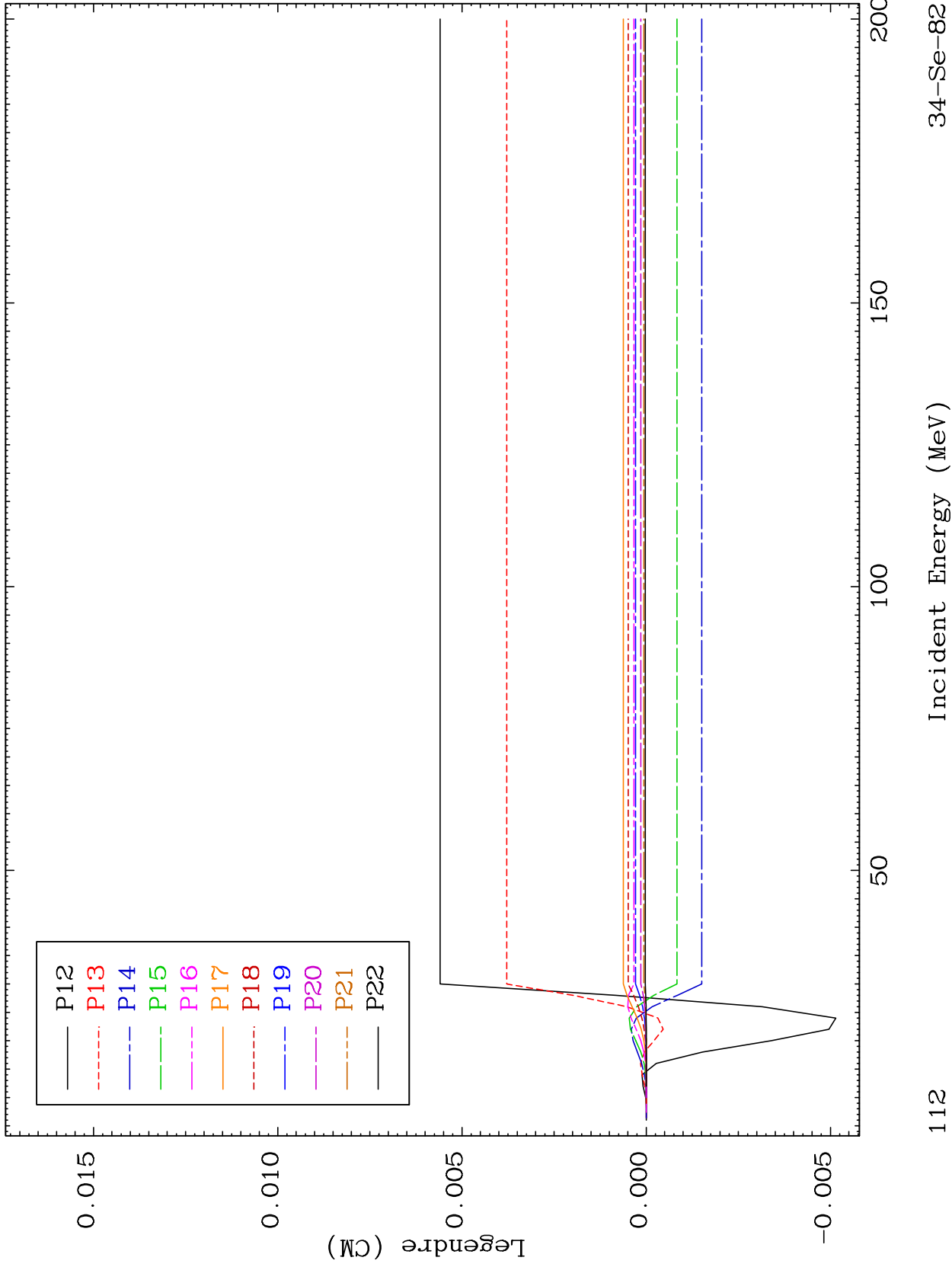
34-Se-82



MAT 3449

4.535 MeV (n,n') Level  
Legendre Coefficients

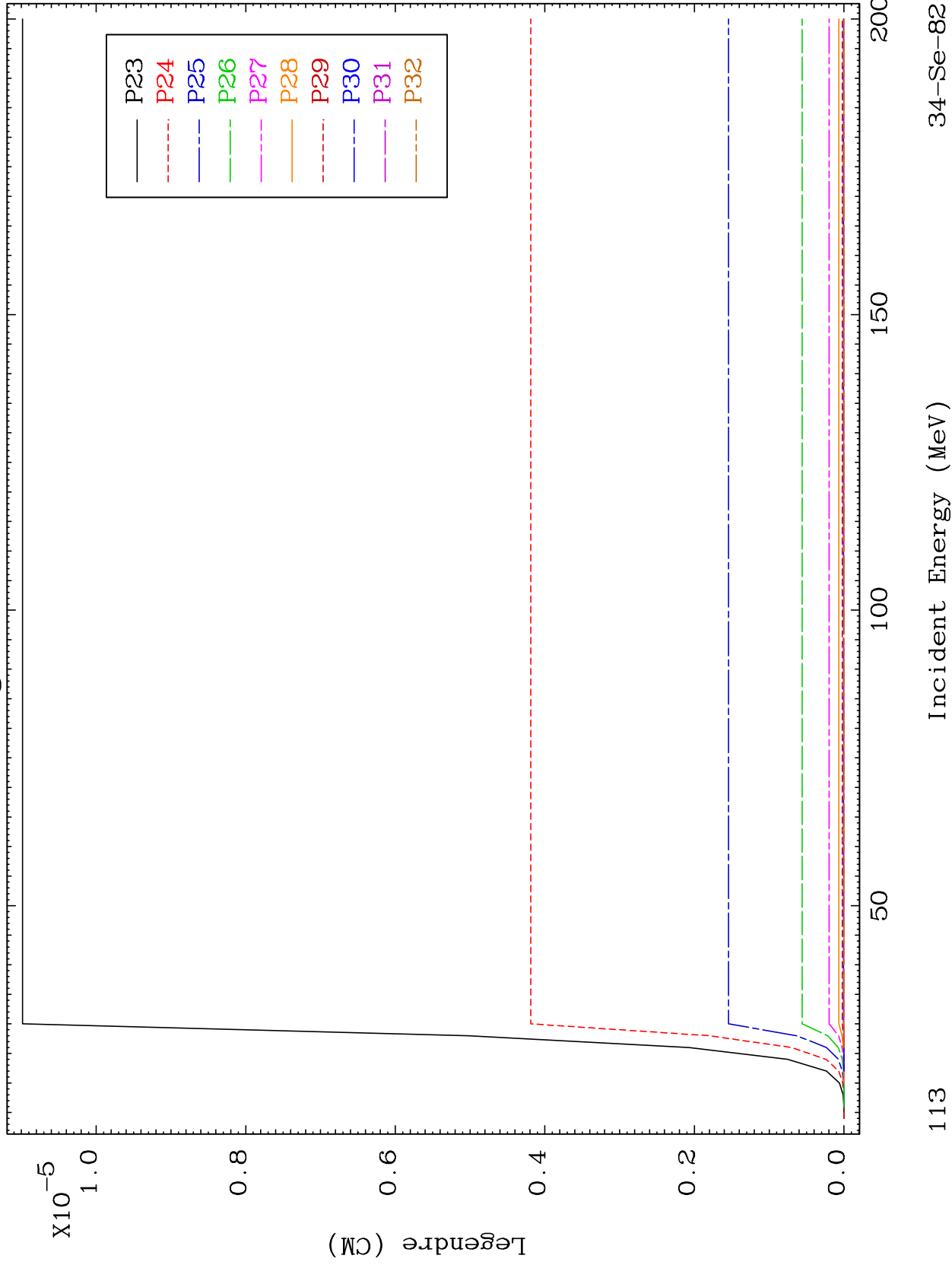
34-Se-82



MAT 3449

4.535 MeV (n,n') Level  
Legendre Coefficients

34-Se-82



113

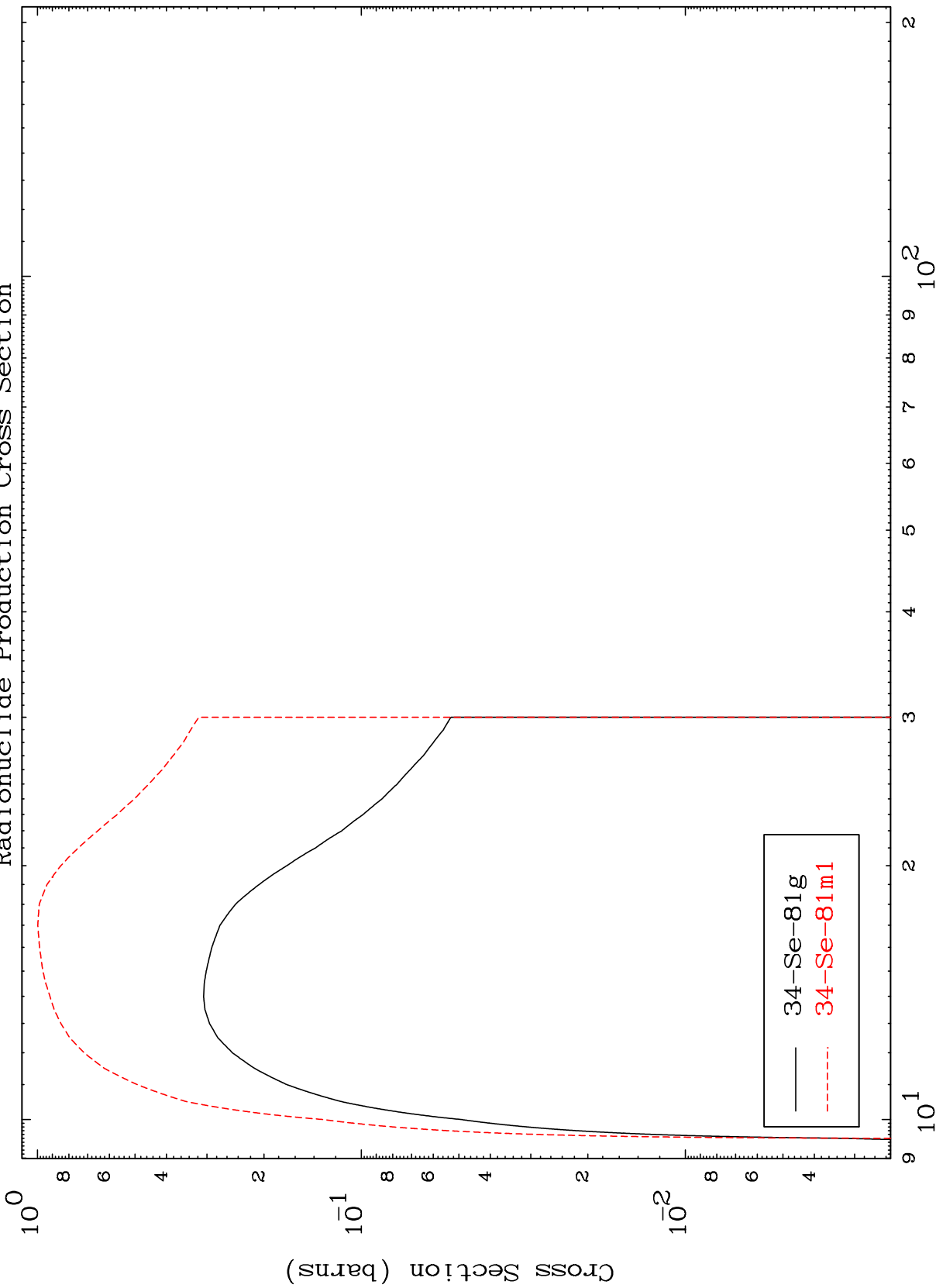
34-Se-82

MAT 3449

<sup>34</sup>Se-82

Radionuclide Production Cross Section

(n,2n)



Incident Energy (MeV)

<sup>34</sup>Se-82

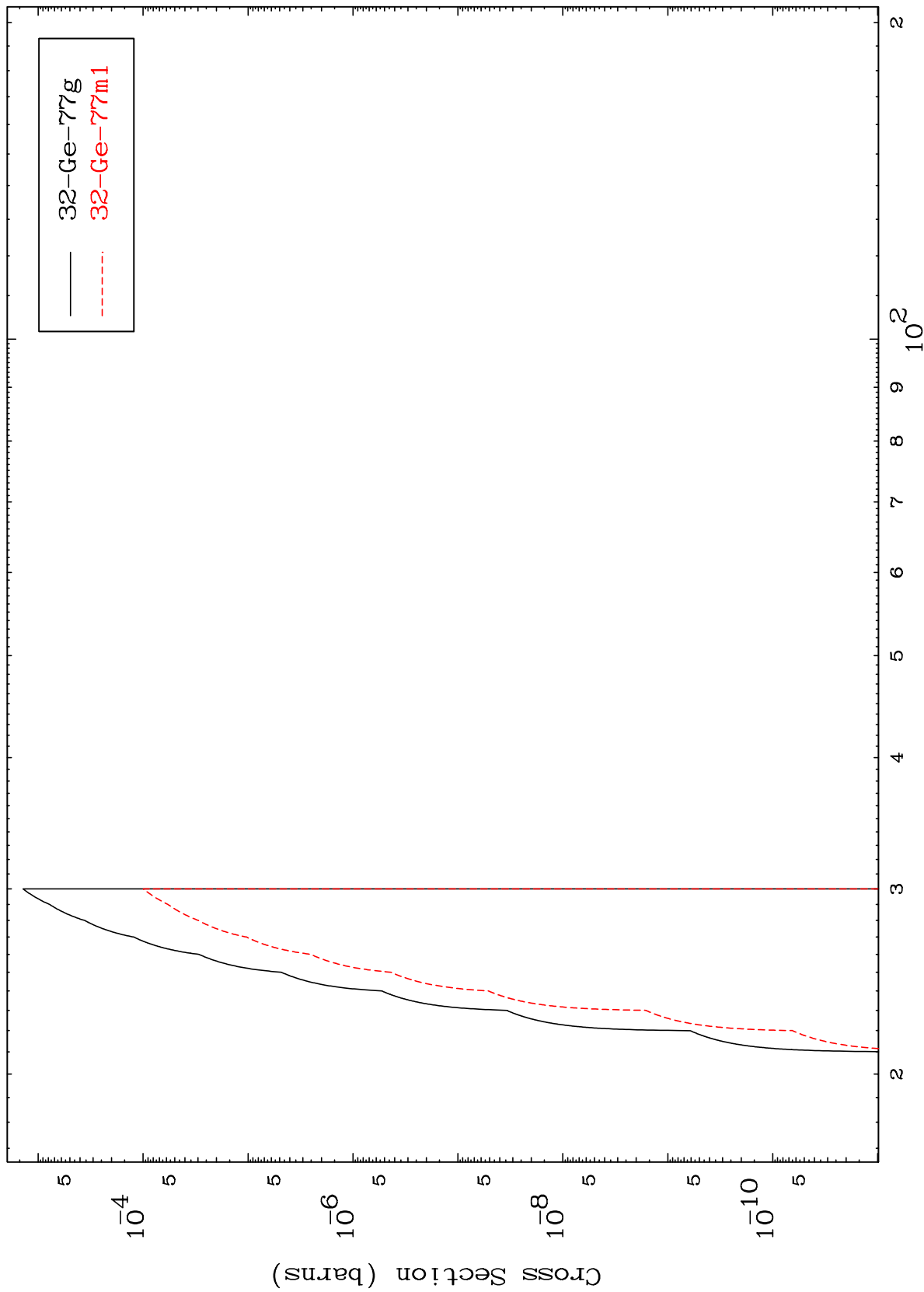
114

MAT 3449

$(n,2n) \alpha$

$^{34}\text{Se-82}$

Radionuclide Production Cross Section



115

Incident Energy (MeV)

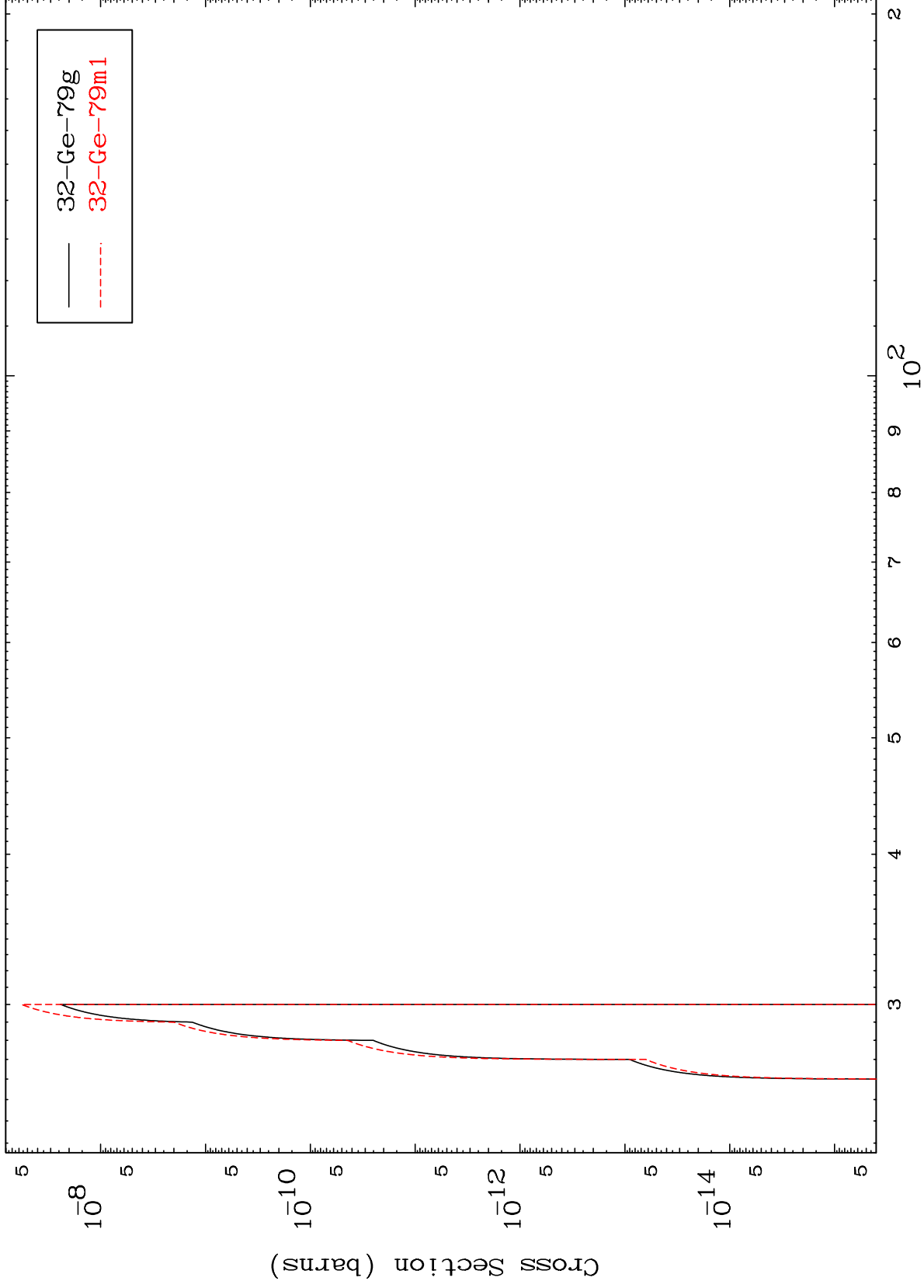
$^{34}\text{Se-82}$

MAT 3449

(n,n') He-3

34-<sup>Se-82</sup>

Radionuclide Production Cross Section



116

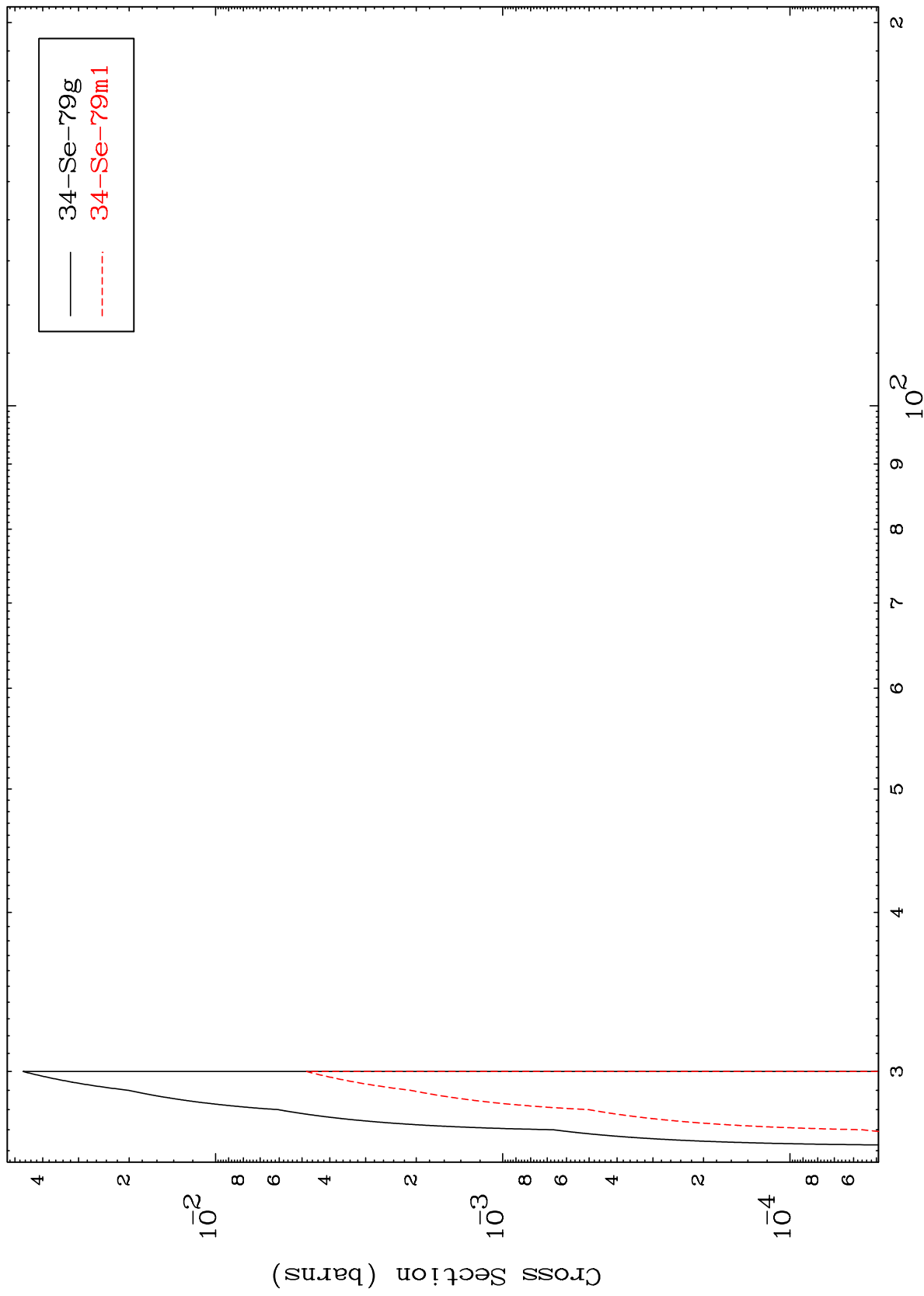
Incident Energy (MeV)

34-<sup>Se-82</sup>

MAT 3449

<sup>34</sup>Se-82

(n,4n)  
Radionuclide Production Cross Section



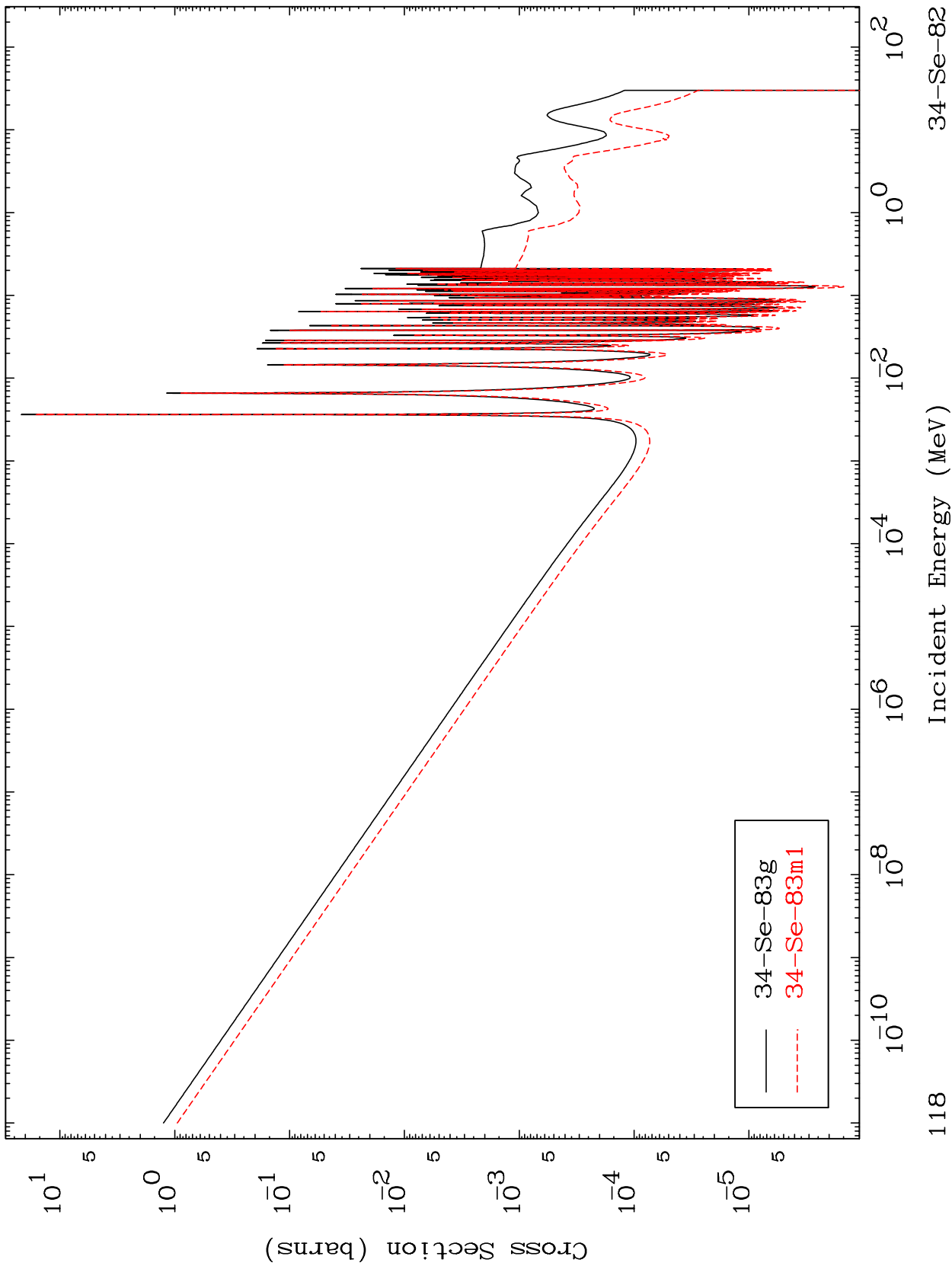
117

<sup>34</sup>Se-82

MAT 3449

<sup>34</sup>Se-82

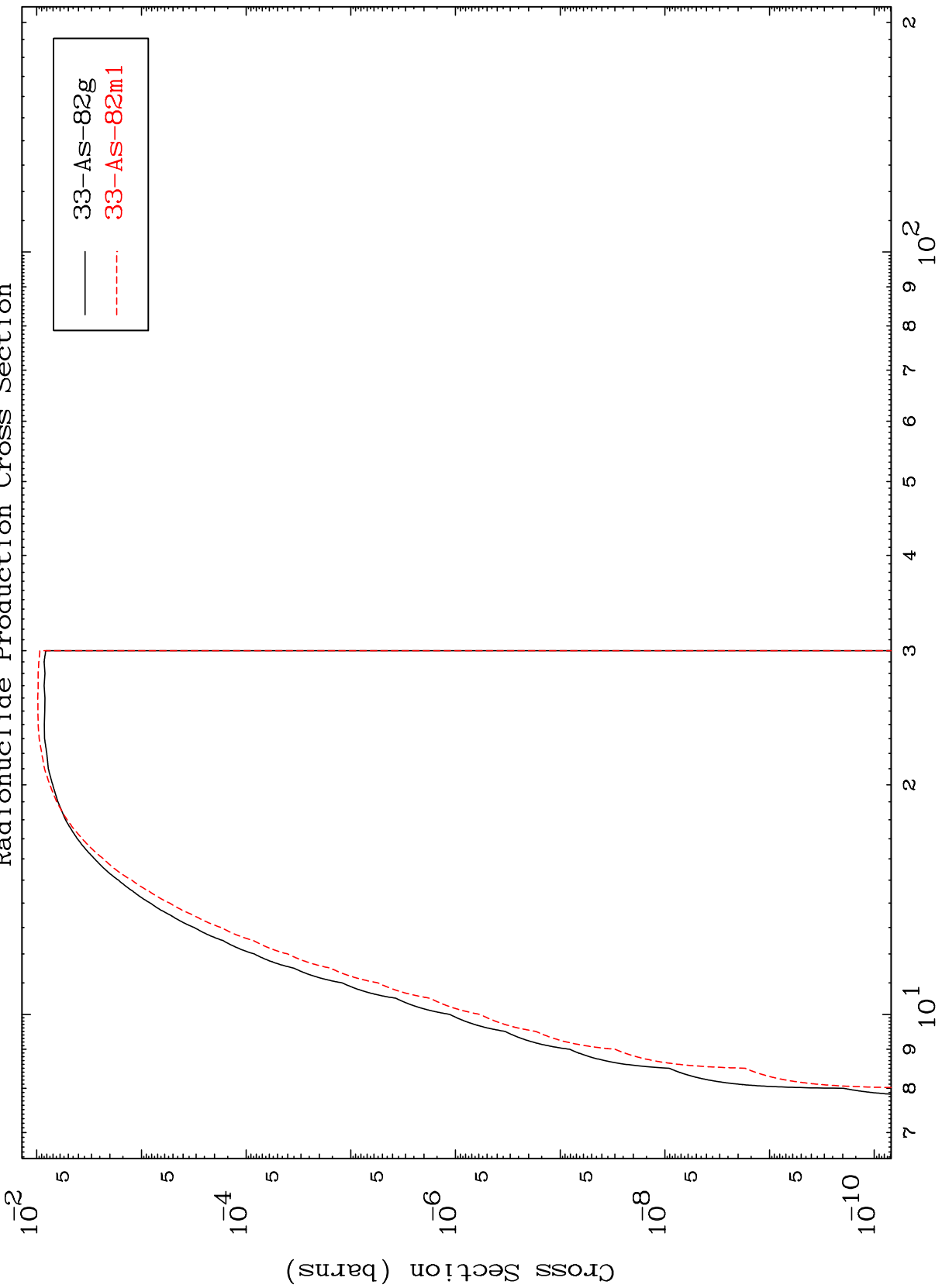
(n,γ)  
Radionuclide Production Cross Section



MAT 3449

34-Se-82

(n,p)  
Radionuclide Production Cross Section



119

Incident Energy (MeV)

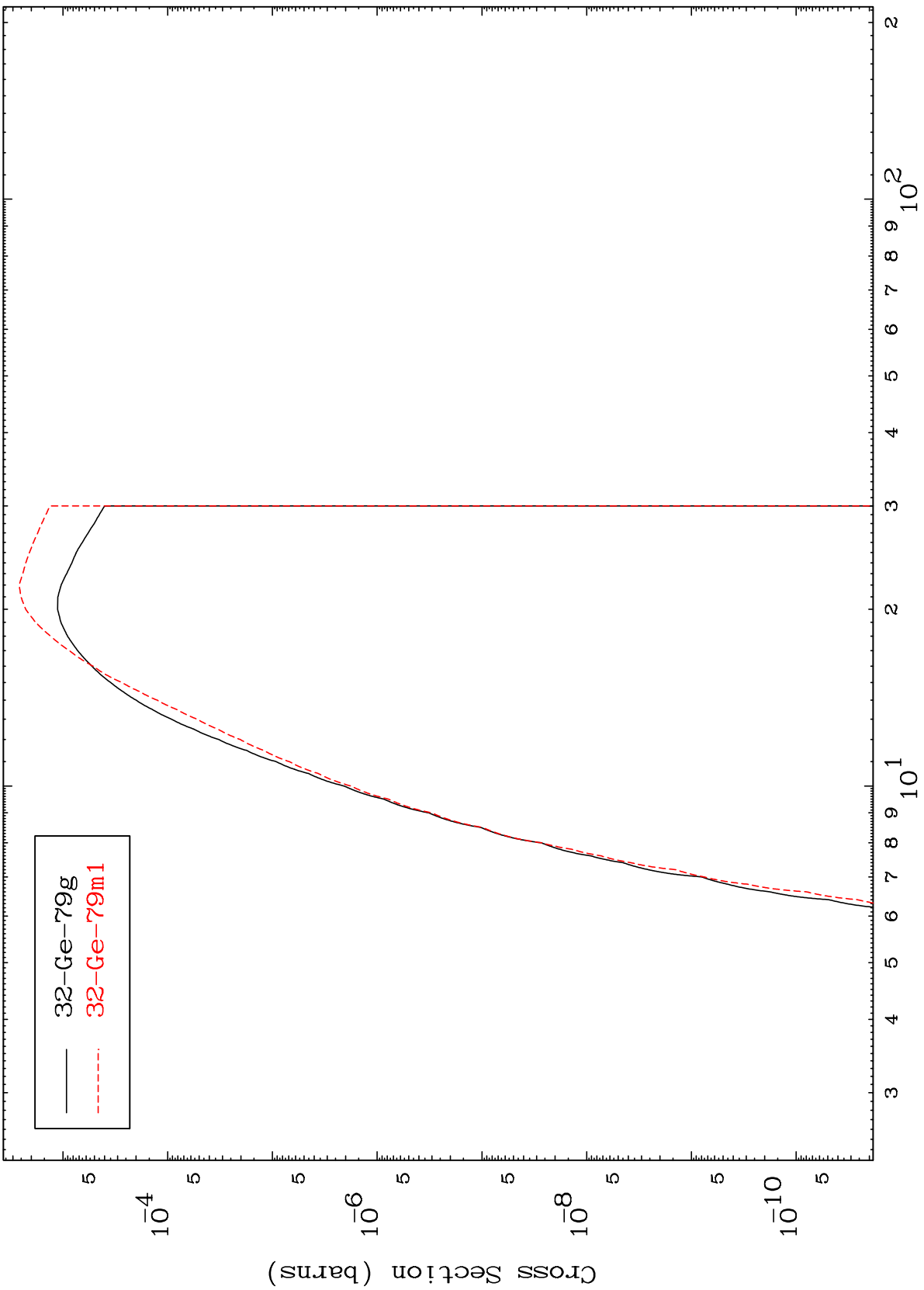
34-Se-82



MAT 3449

<sup>34</sup>Se-82

Radionuclide Production Cross Section (n,α)



120

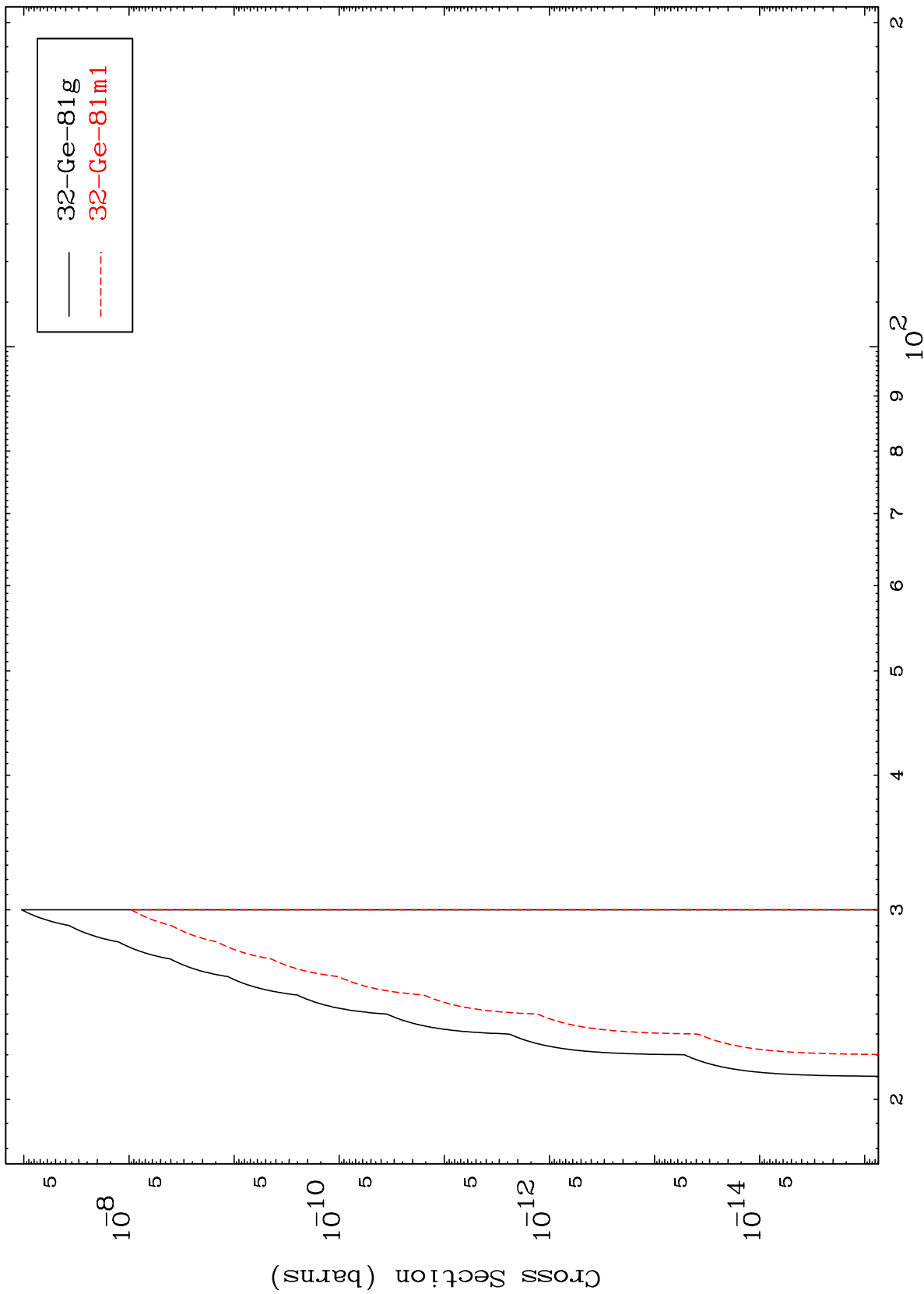
Incident Energy (MeV)

<sup>34</sup>Se-82

MAT 3449

34-<sup>Se-82</sup>

(n,2p)  
Radionuclide Production Cross Section



121

34-<sup>Se-82</sup>

Incident Energy (MeV)