

Program EVALPLOT  
(Version 2015-2)

by

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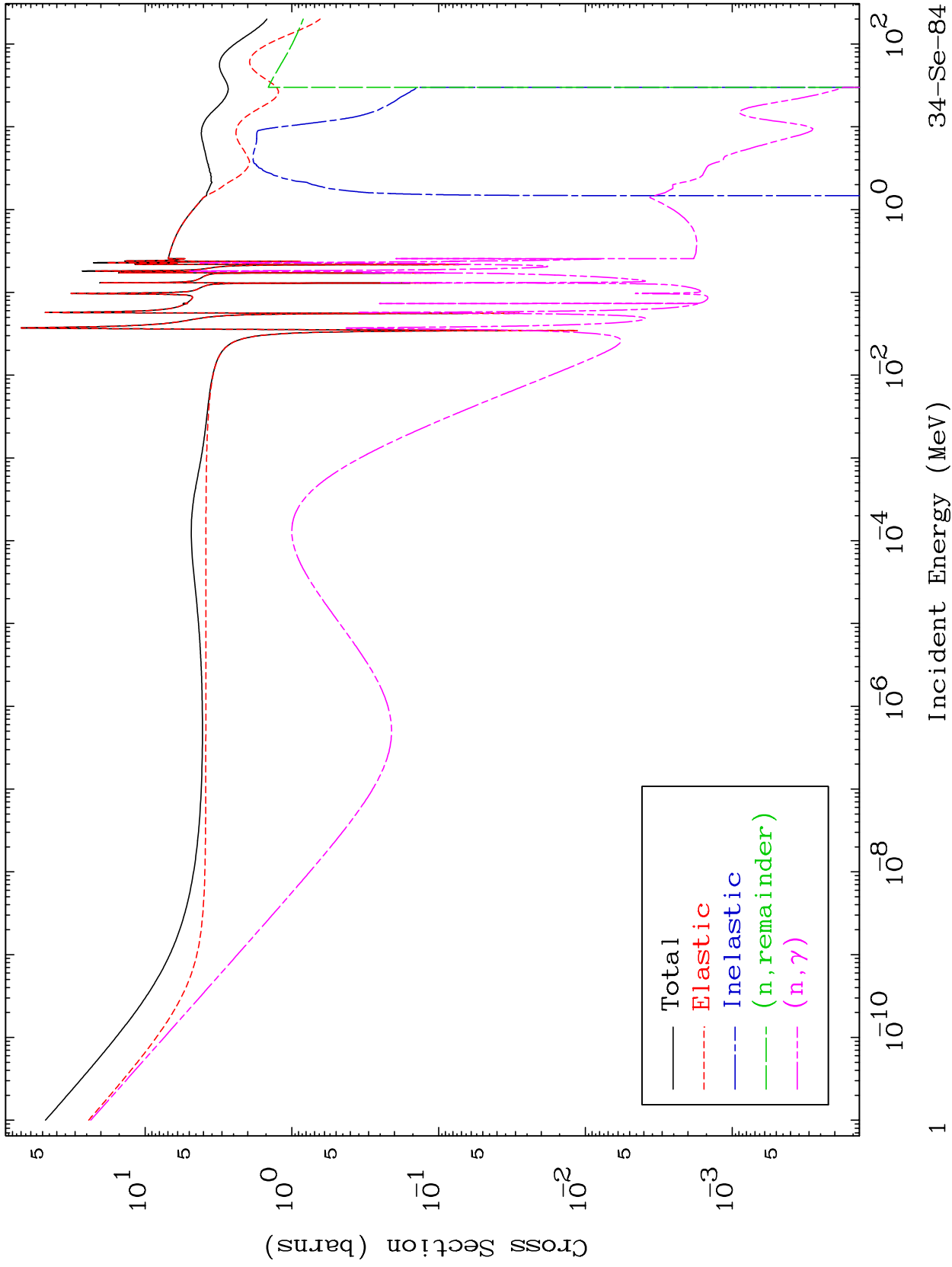
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3455

Major  
293 Kelvin Cross Sections

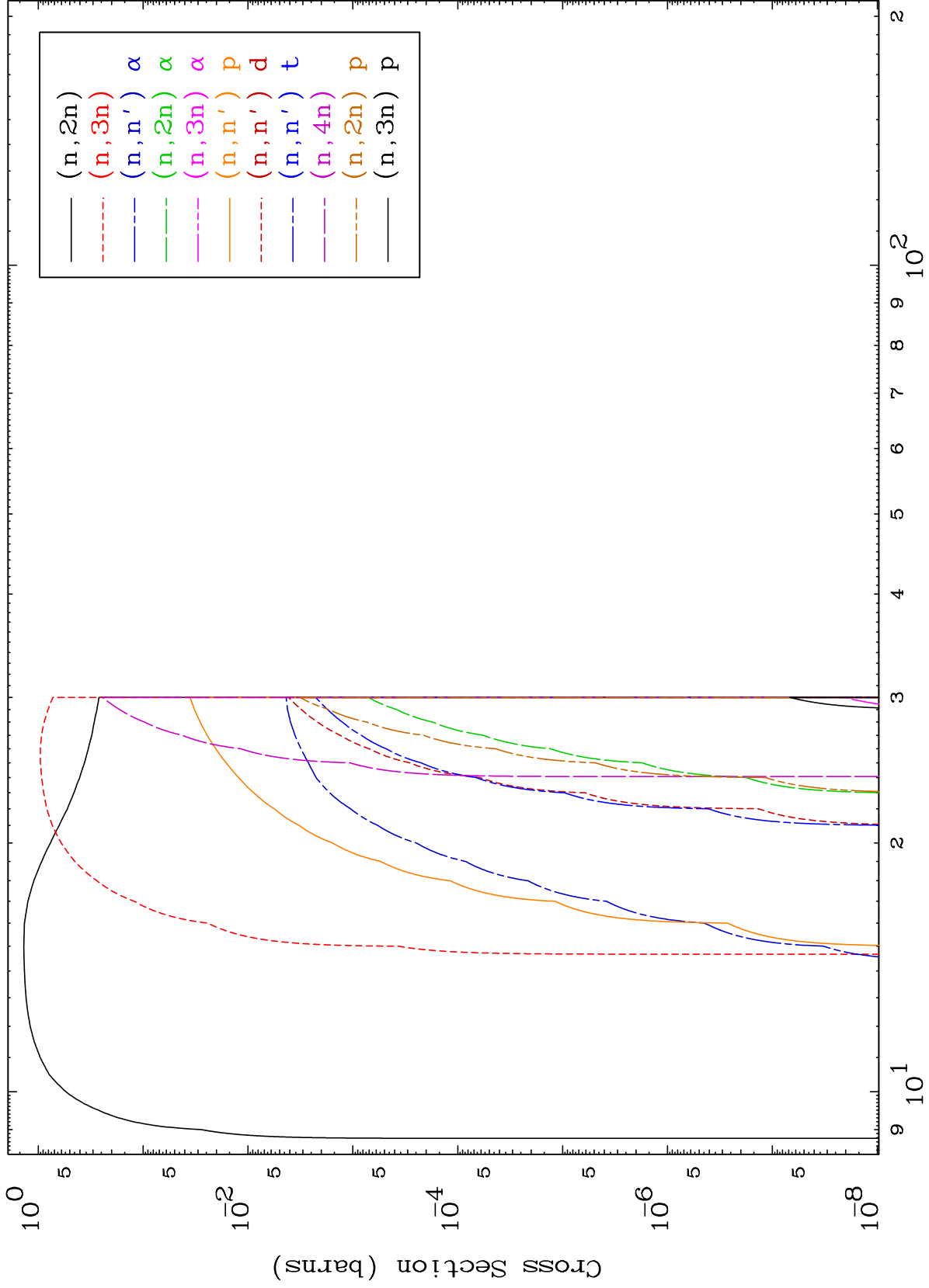
<sup>34</sup>Se-84



MAT 3455

Neutron Production  
293 Kelvin Cross Sections

34-Se-84



2

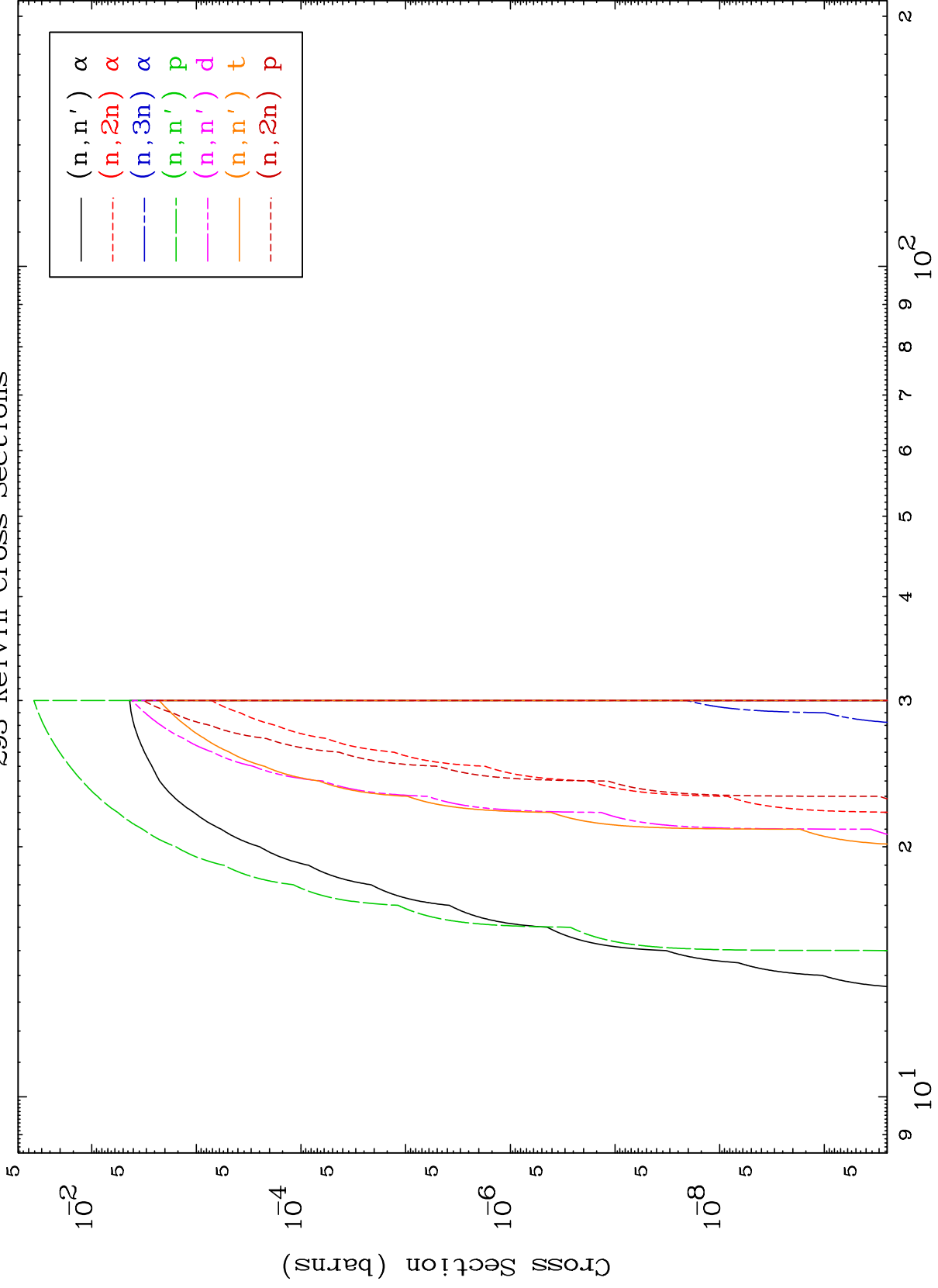
Incident Energy (MeV)

34-Se-84

MAT 3455

Charged Particle  
293 Kelvin Cross Sections

34-Se-84



34-Se-84

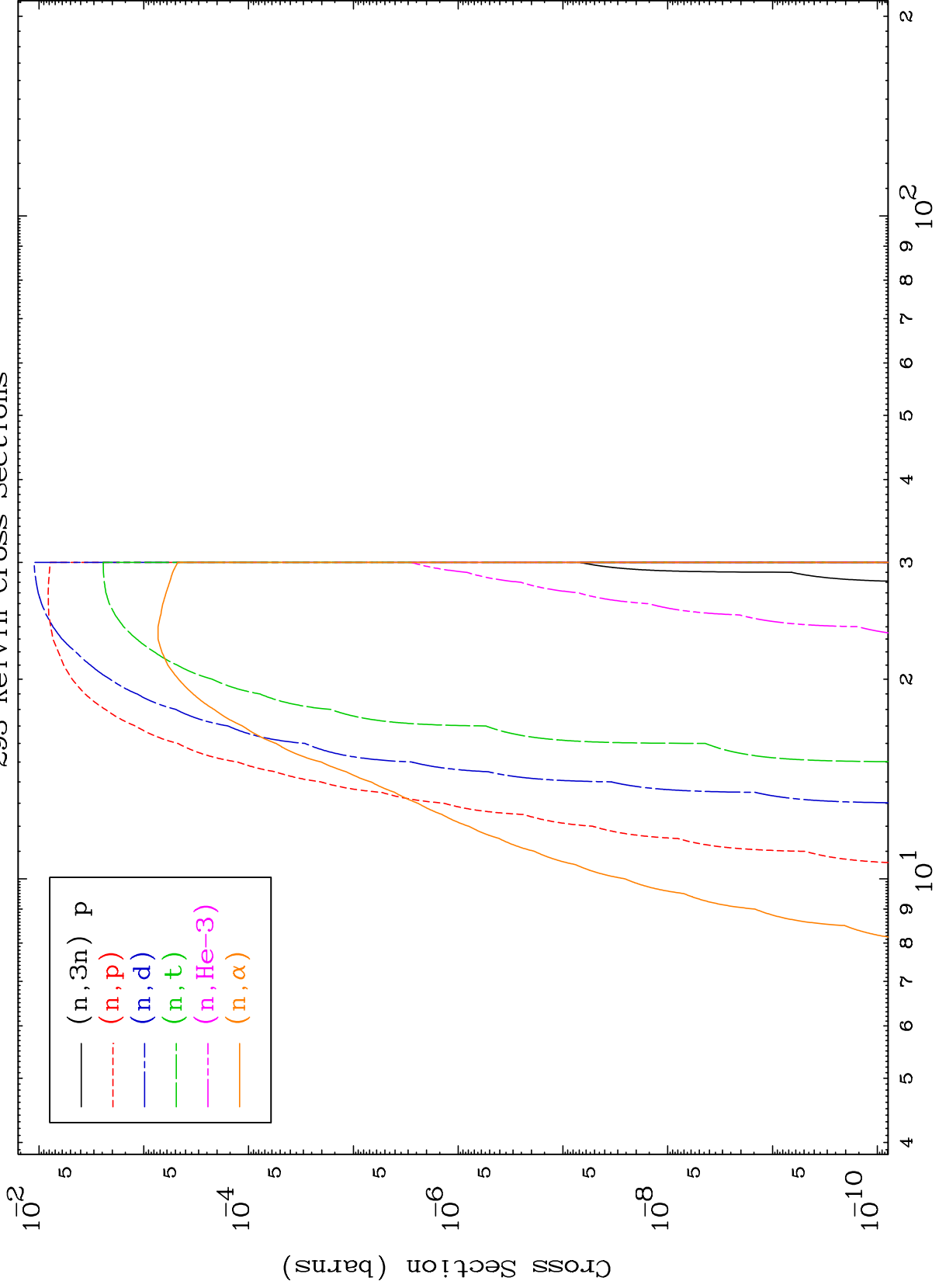
Incident Energy (MeV)

3

MAT 3455

Charged Particle  
293 Kelvin Cross Sections

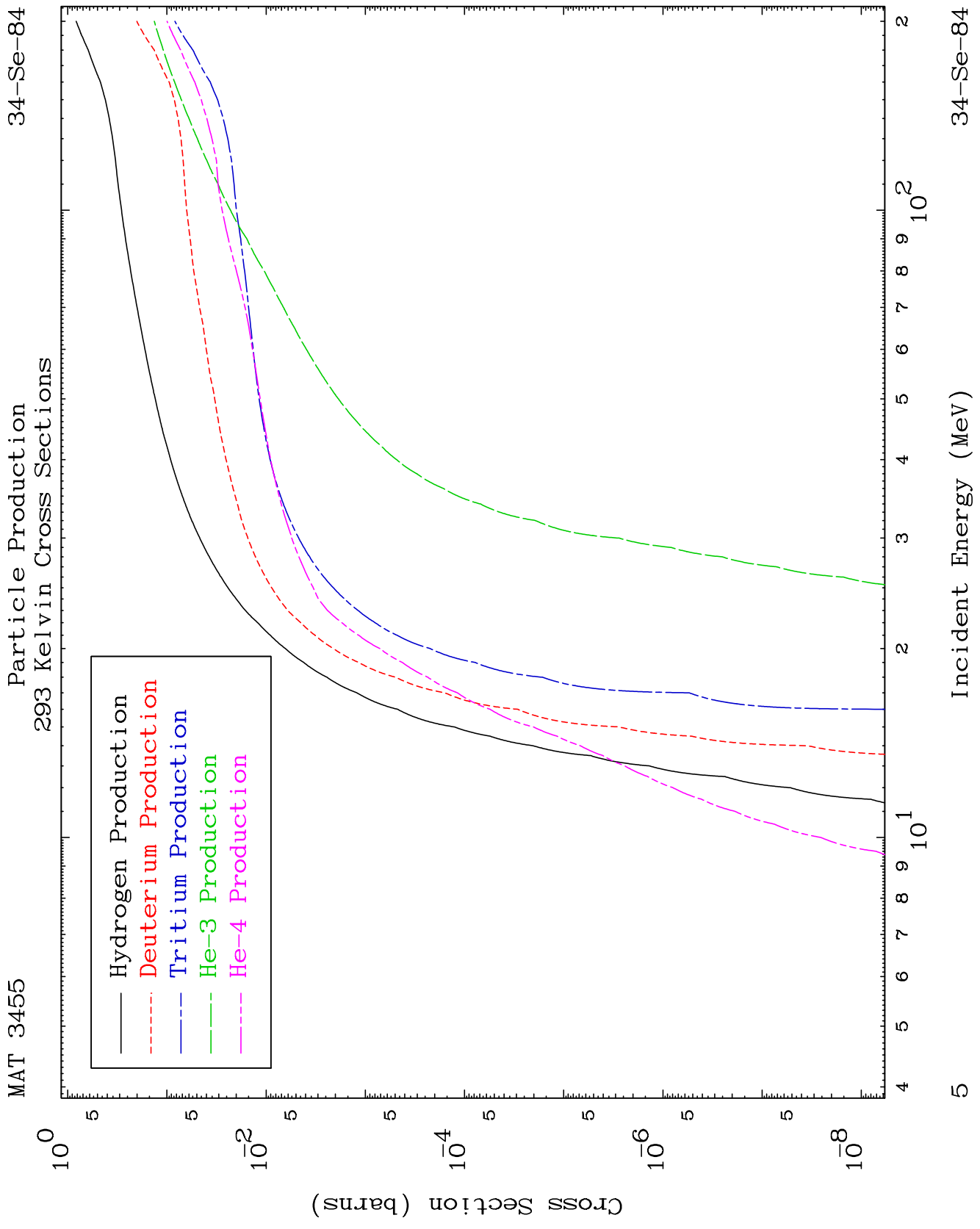
<sup>34</sup>Se-84



4

Incident Energy (MeV)

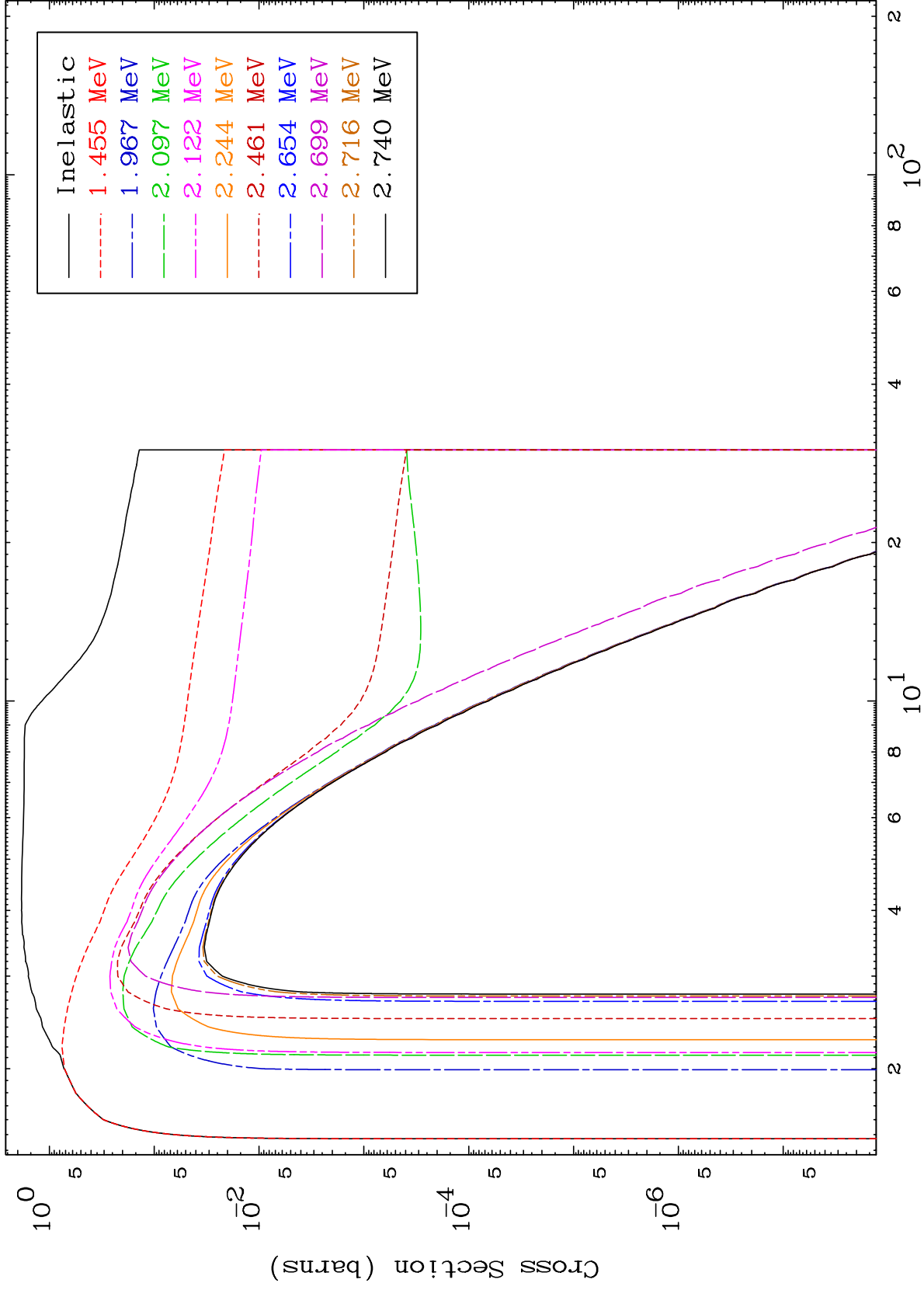
<sup>34</sup>Se-84



MAT 3455

(n,n') Level  
293 Kelvin Cross Sections

<sup>34</sup>Se-84



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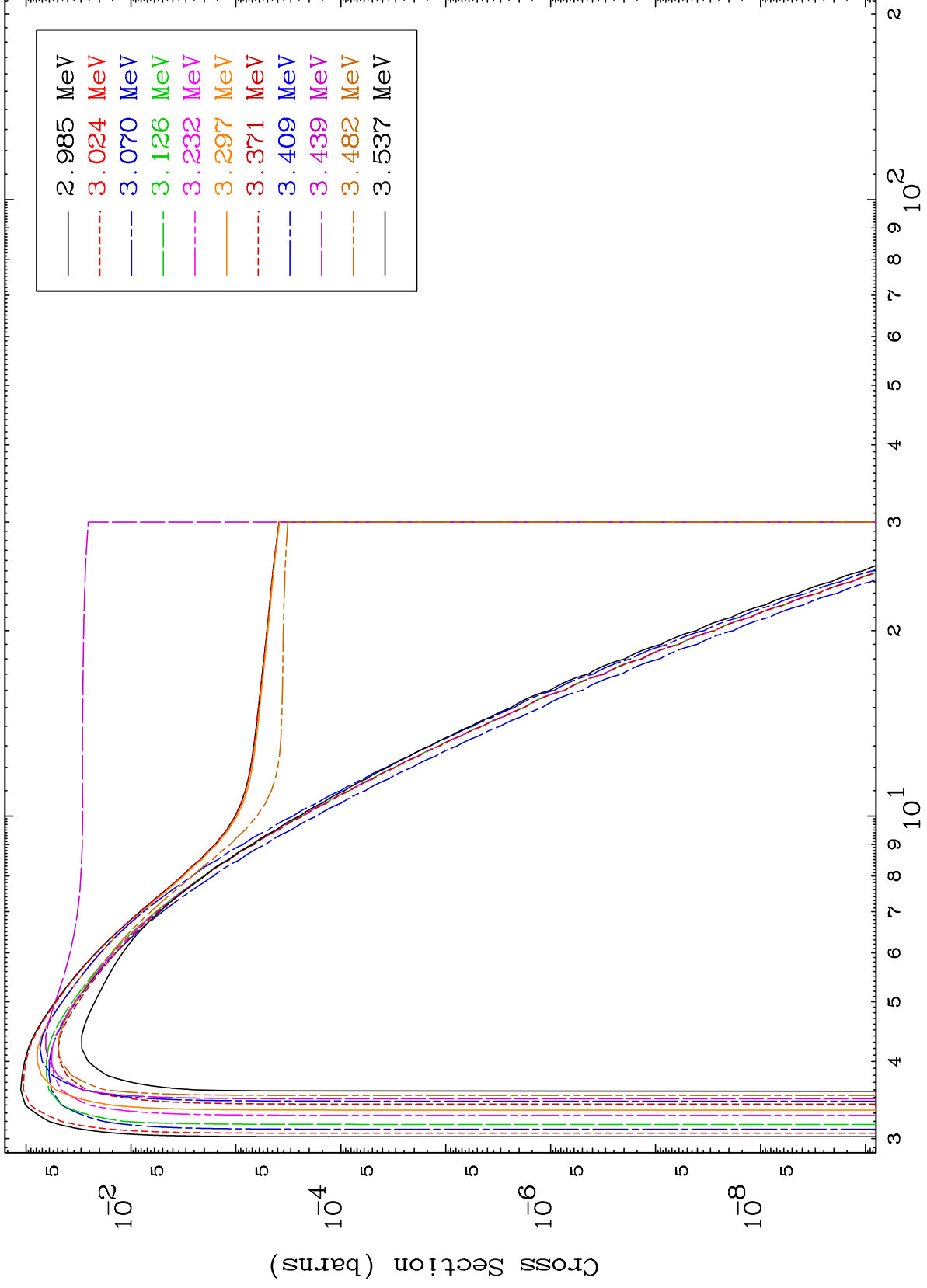
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

(n,n') Level  
293 Kelvin Cross Sections

34-Se-84



7

Incident Energy (MeV)

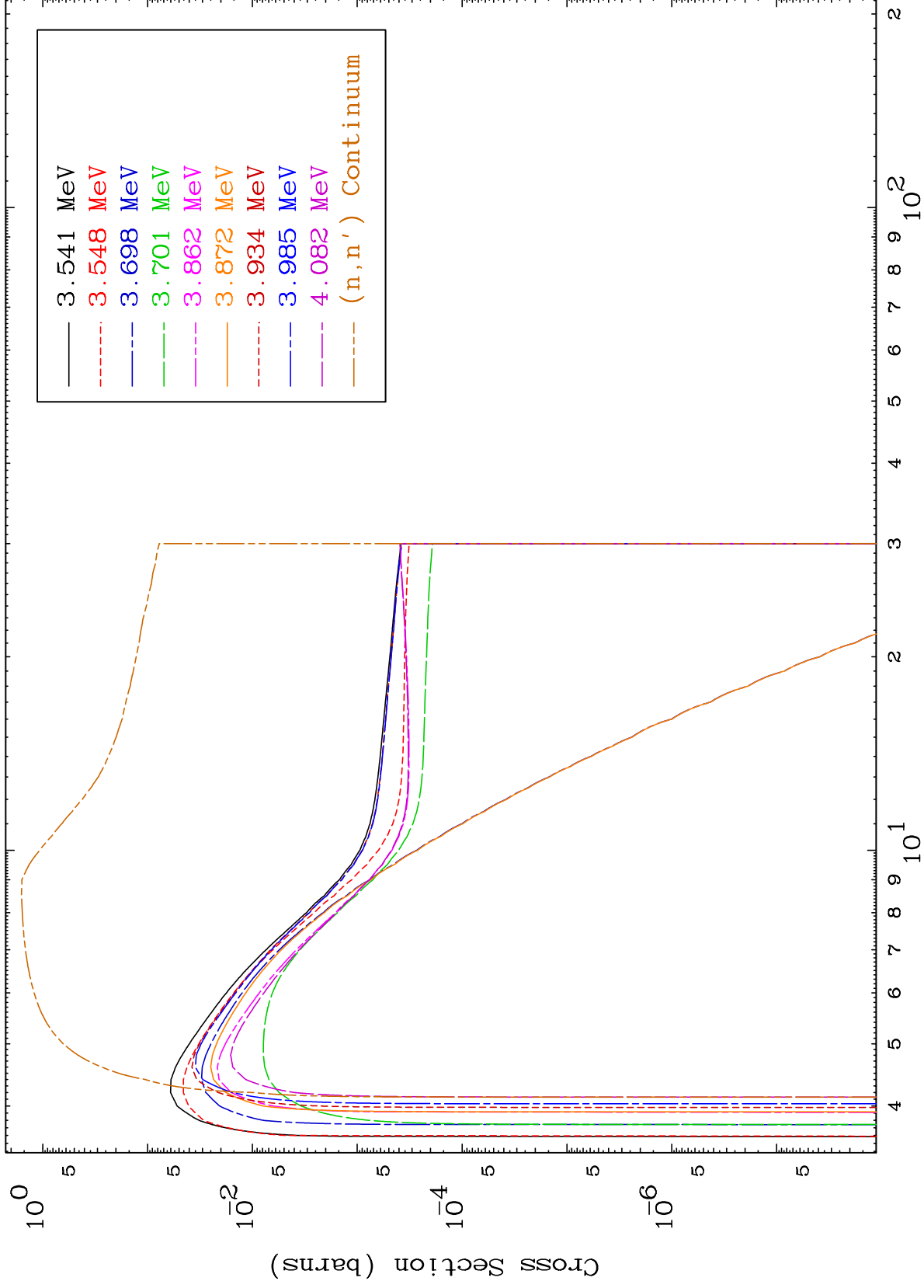
34-Se-84



MAT 3455

(n,n') Level  
293 Kelvin Cross Sections

<sup>34</sup>Se-84



8

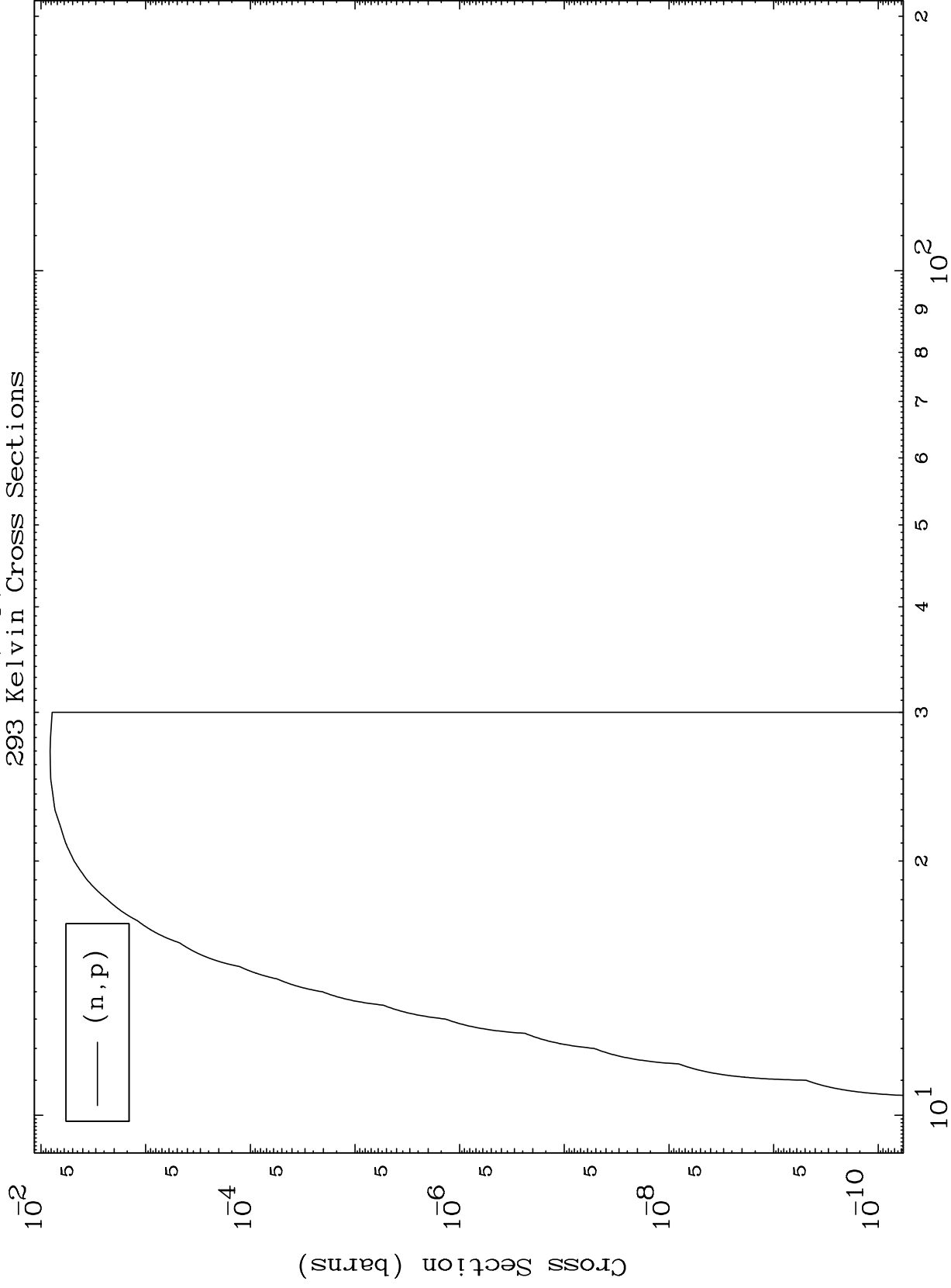
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-84



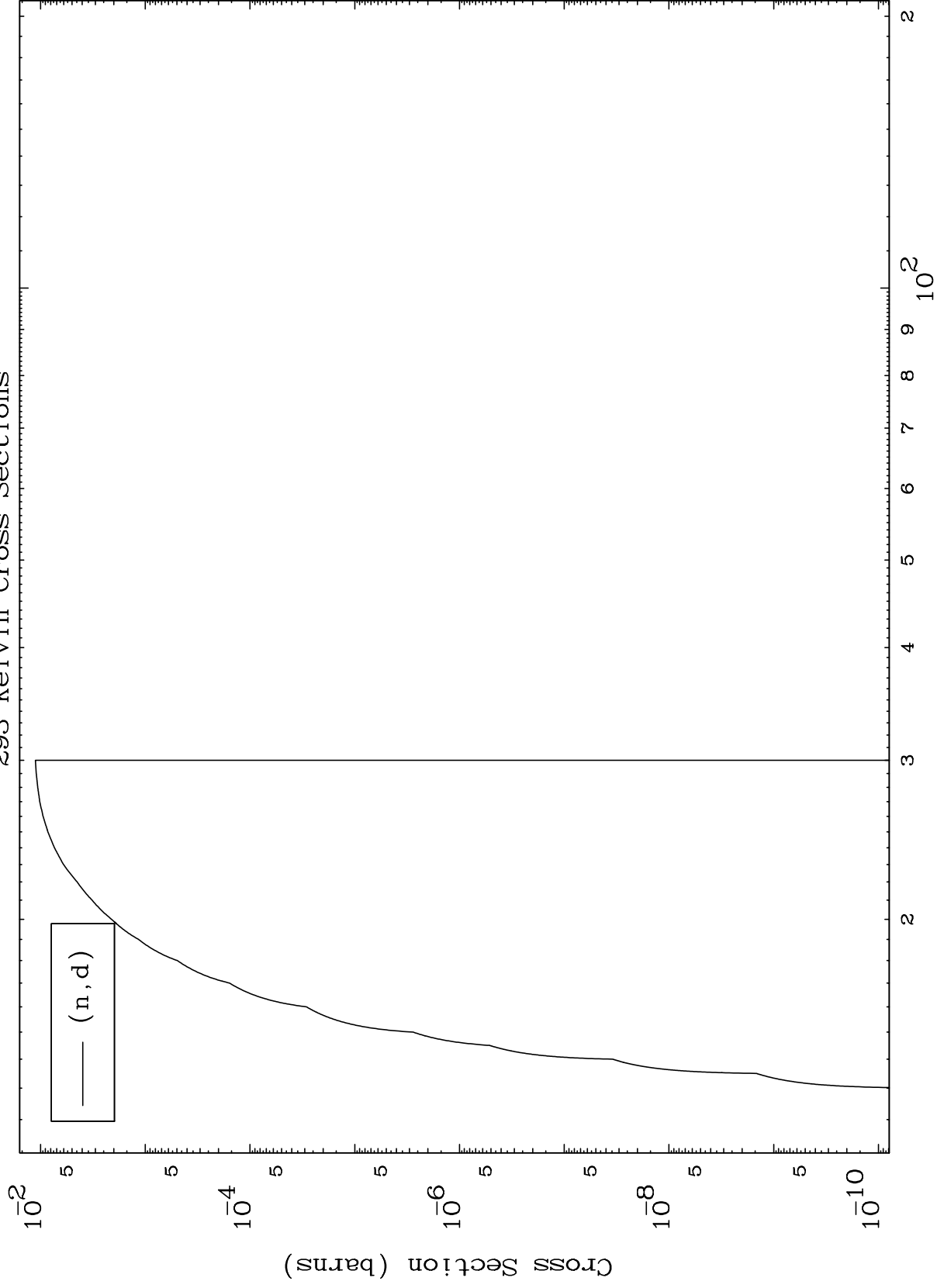
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

(n,d) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-84



10

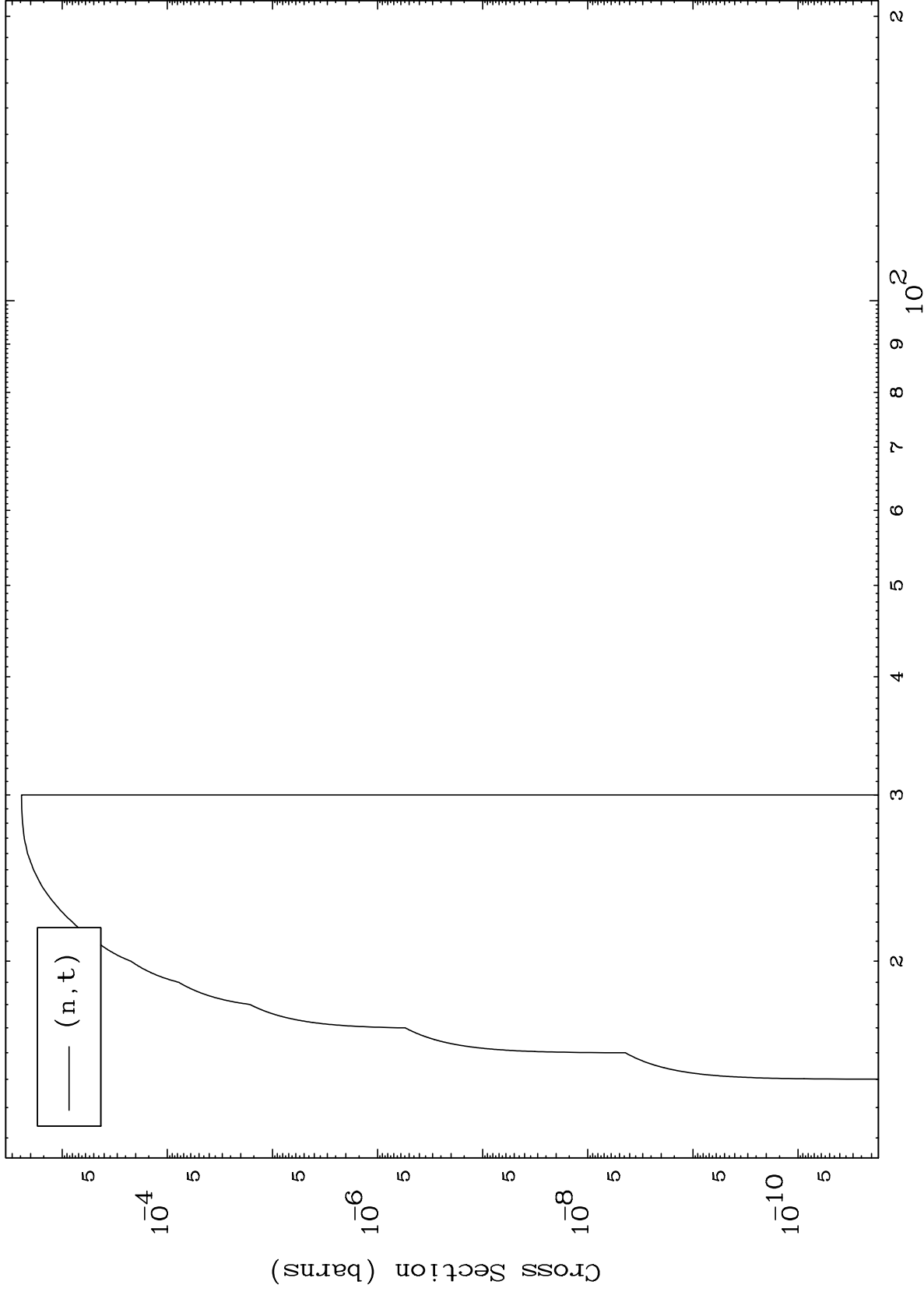
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

(n,t) Levels  
293 Kelvin Cross Sections

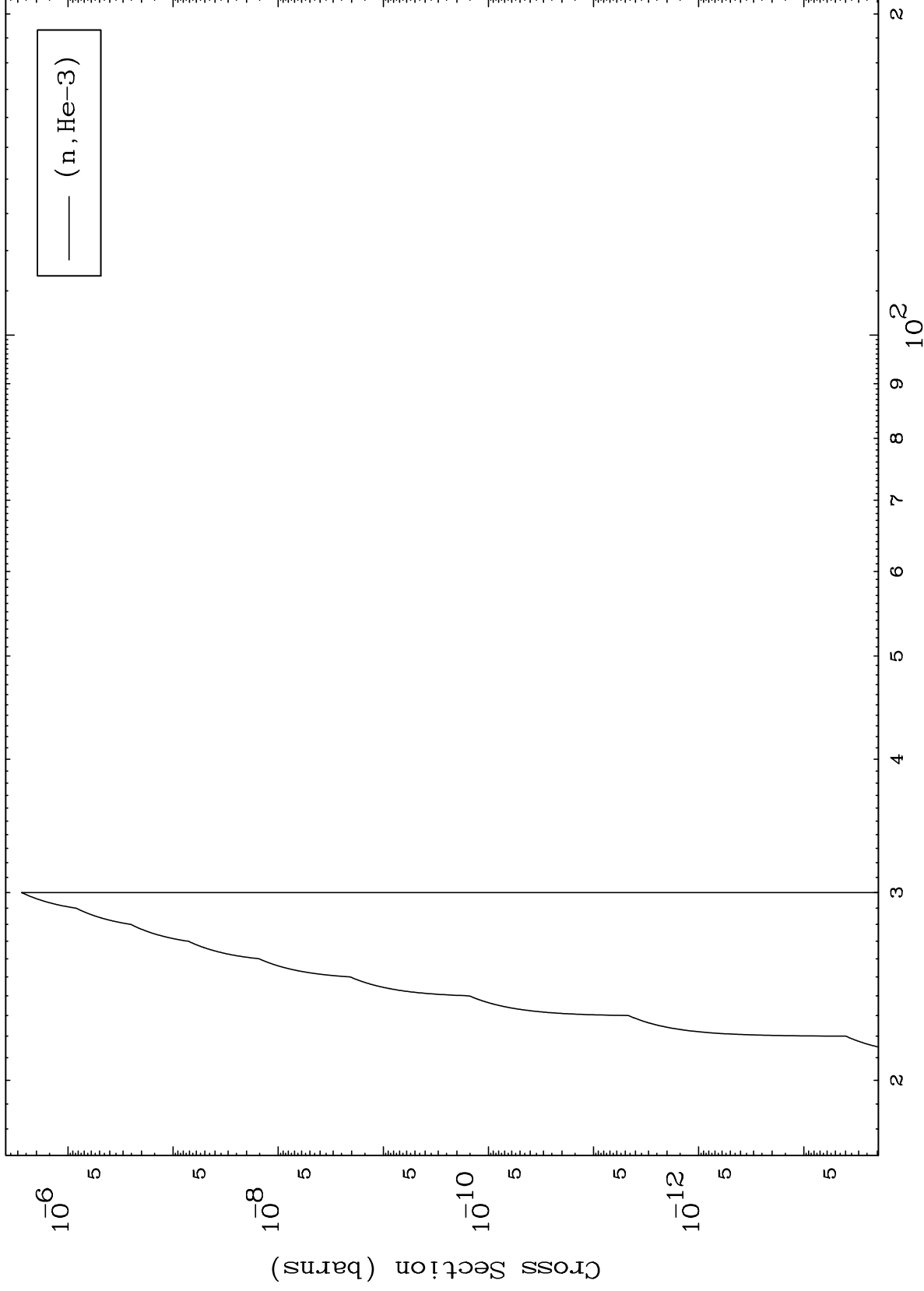
<sup>34</sup>Se-84



MAT 3455

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-84



12

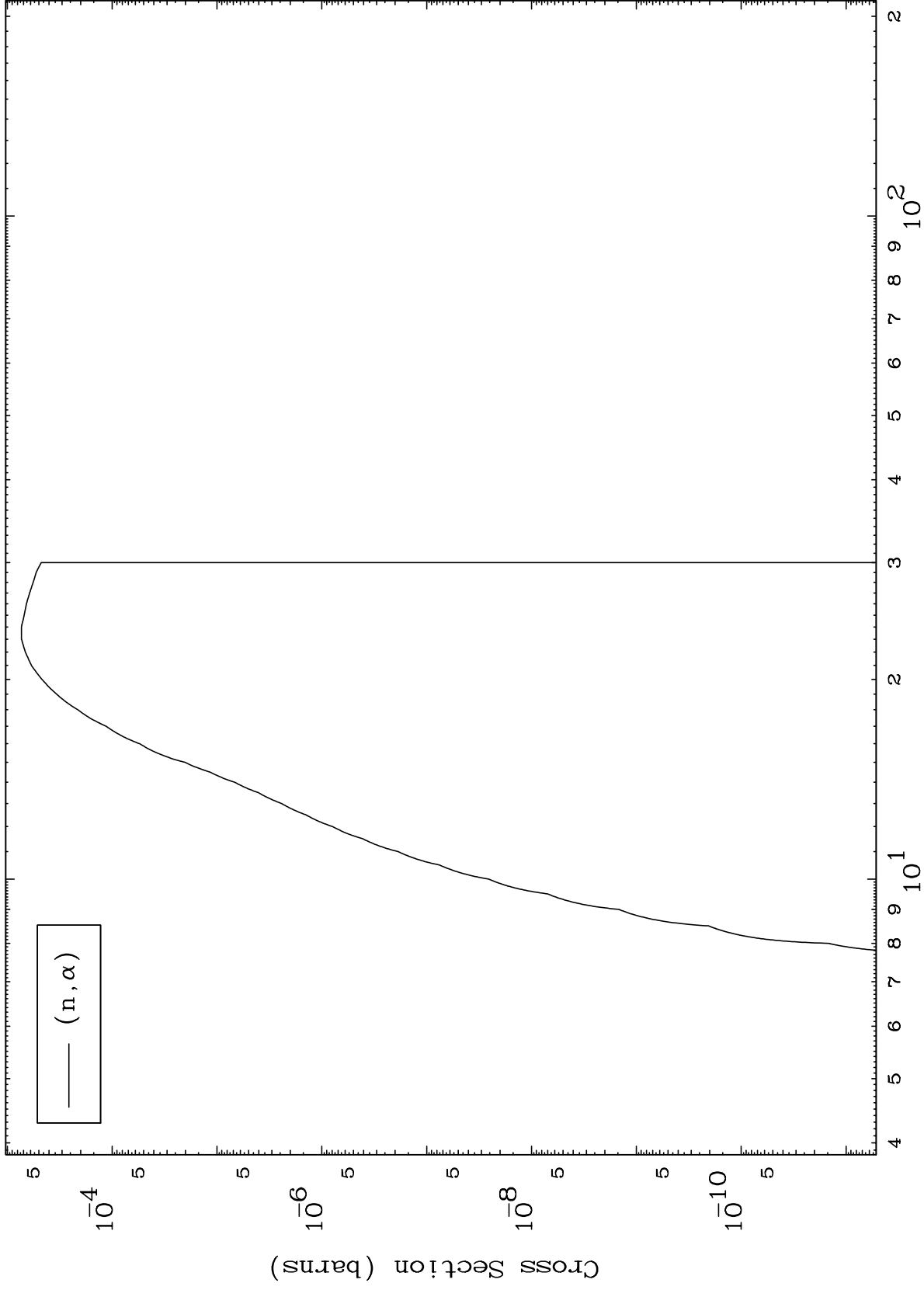
Incident Energy (MeV)

34-Se-84

MAT 3455

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

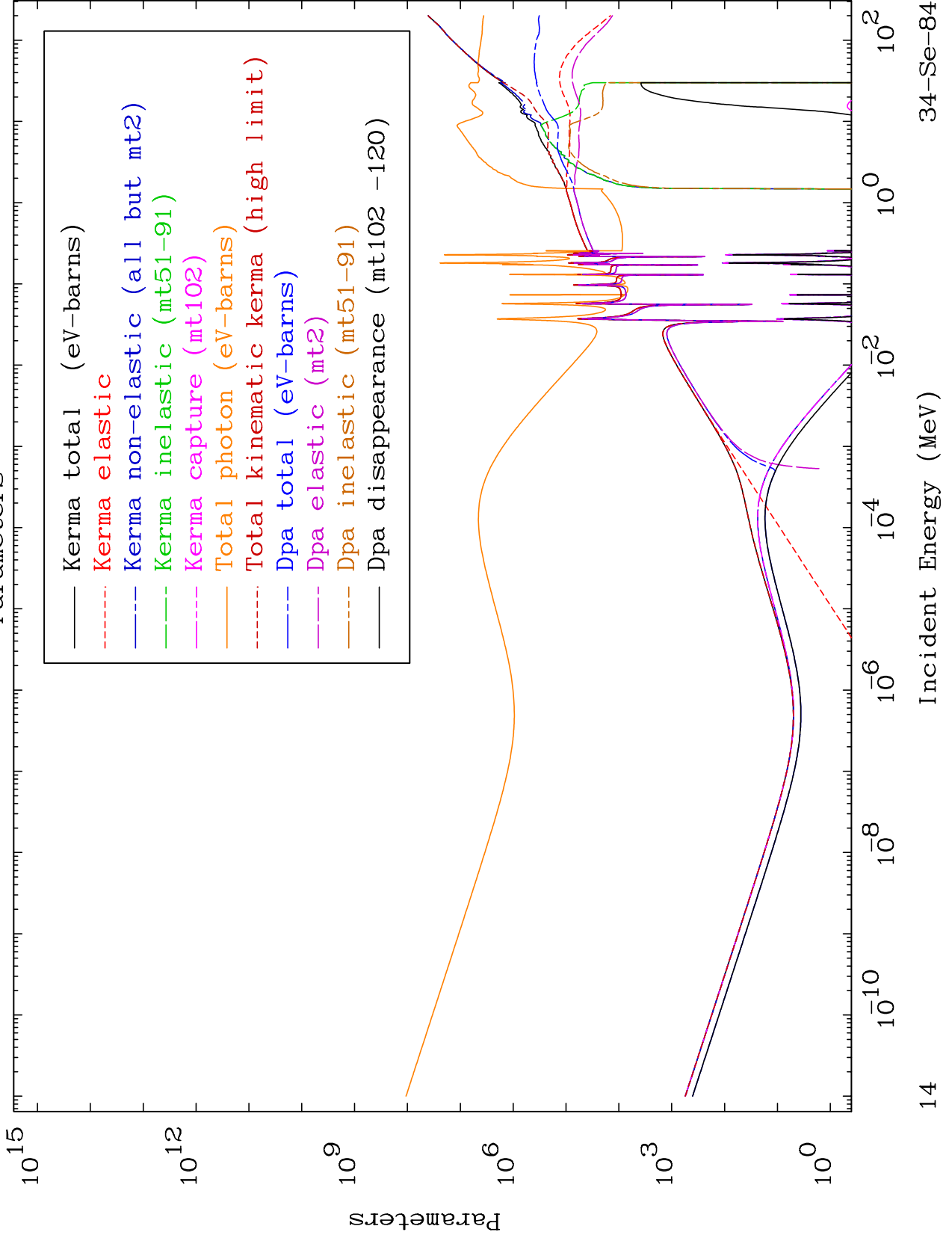
34-Se-84



13

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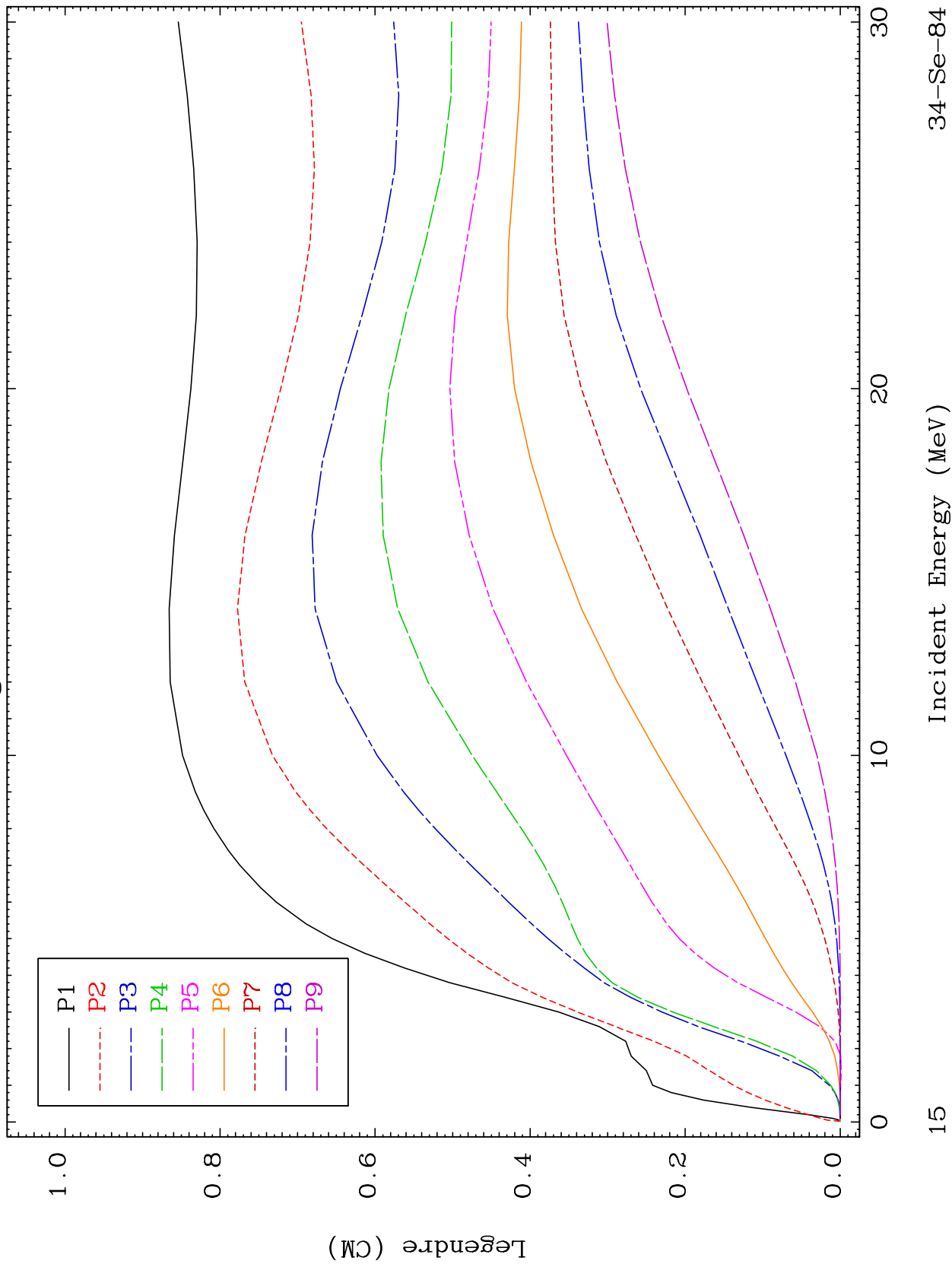
34-Se-84



MAT 3455

Elastic Legendre Coefficients

<sup>34</sup>Se-84



15

Incident Energy (MeV)

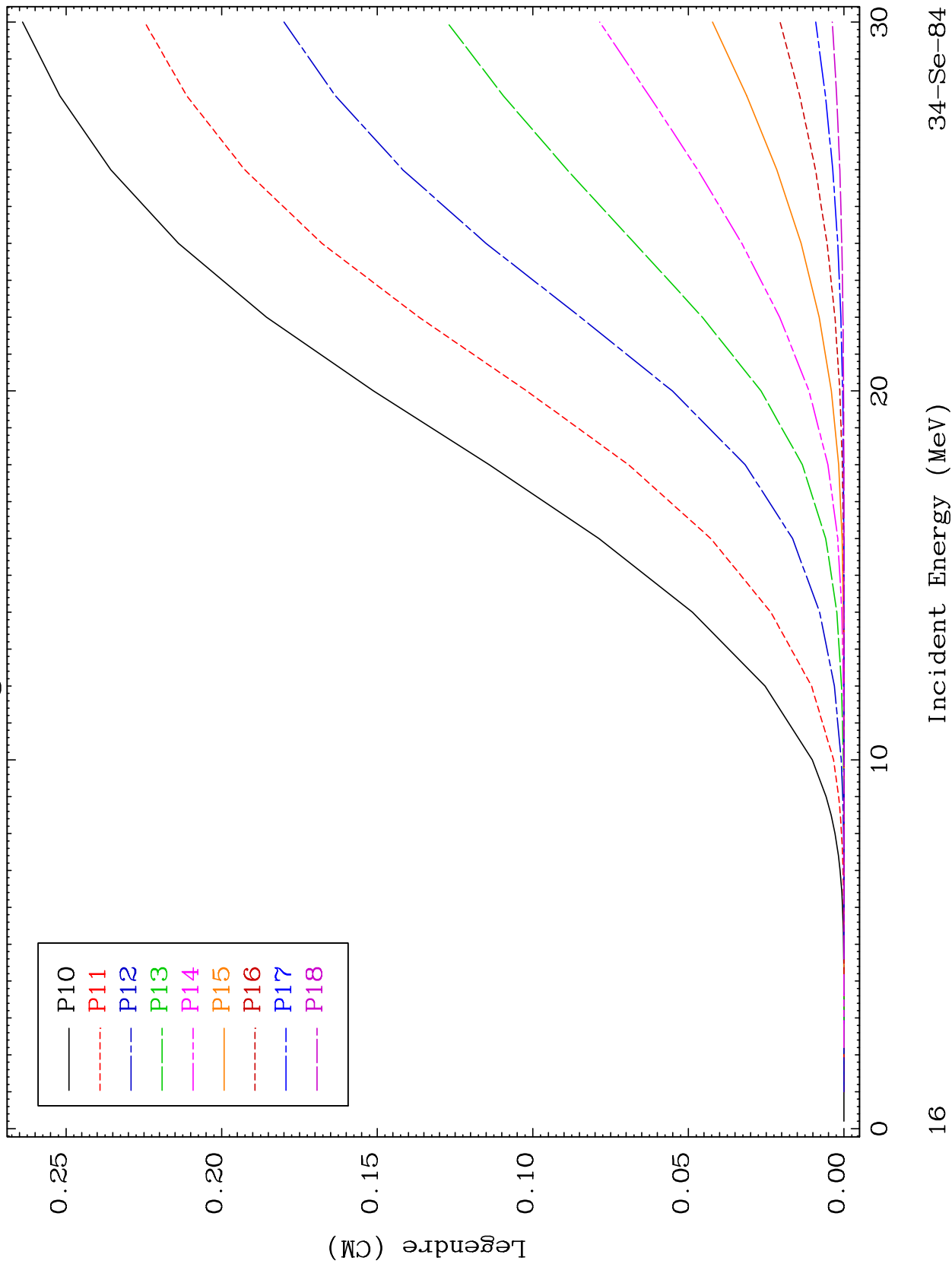
<sup>34</sup>Se-84



MAT 3455

Elastic  
Legendre Coefficients

<sup>34</sup>Se-84



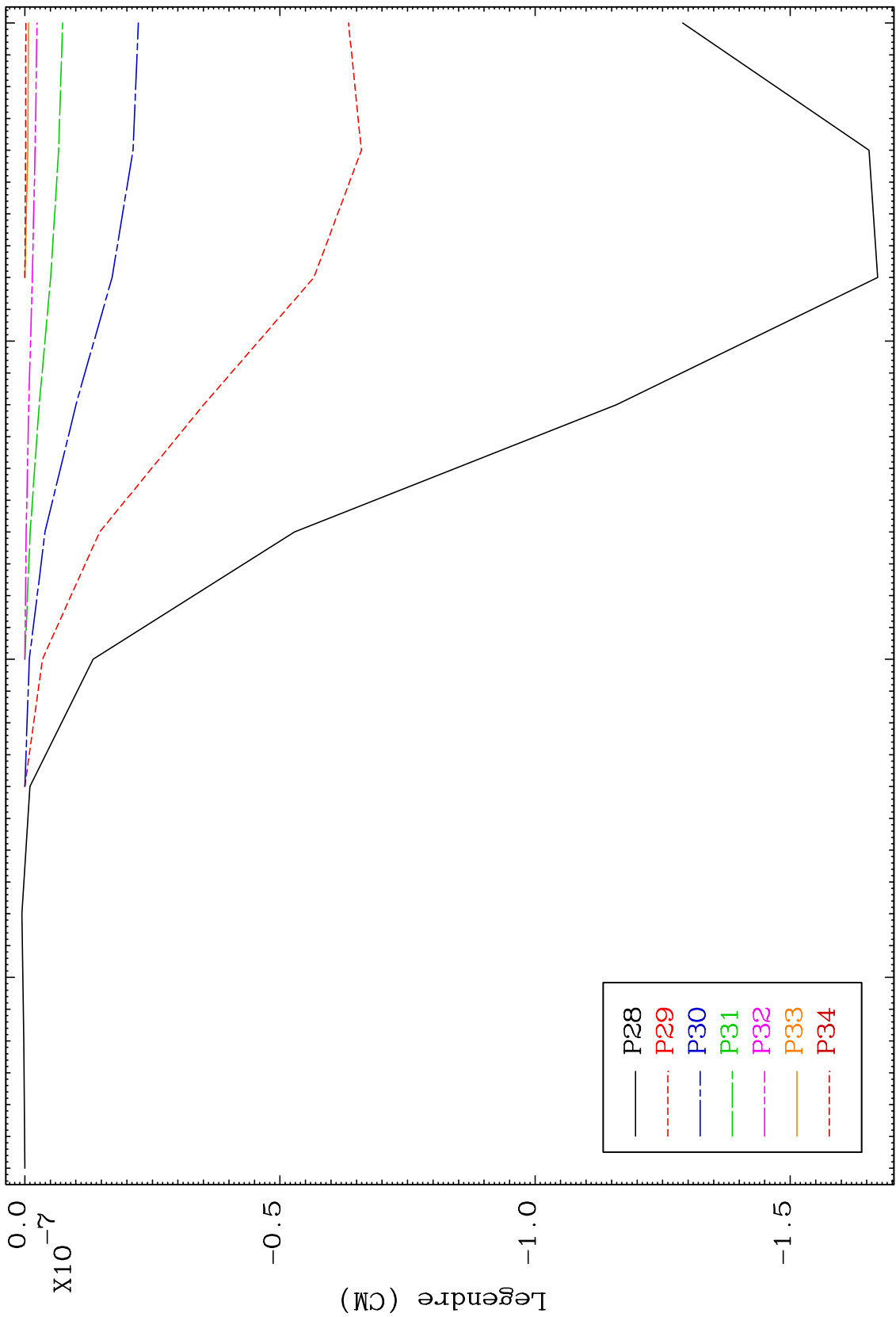
16



MAT 3455

<sup>34</sup>Se-84

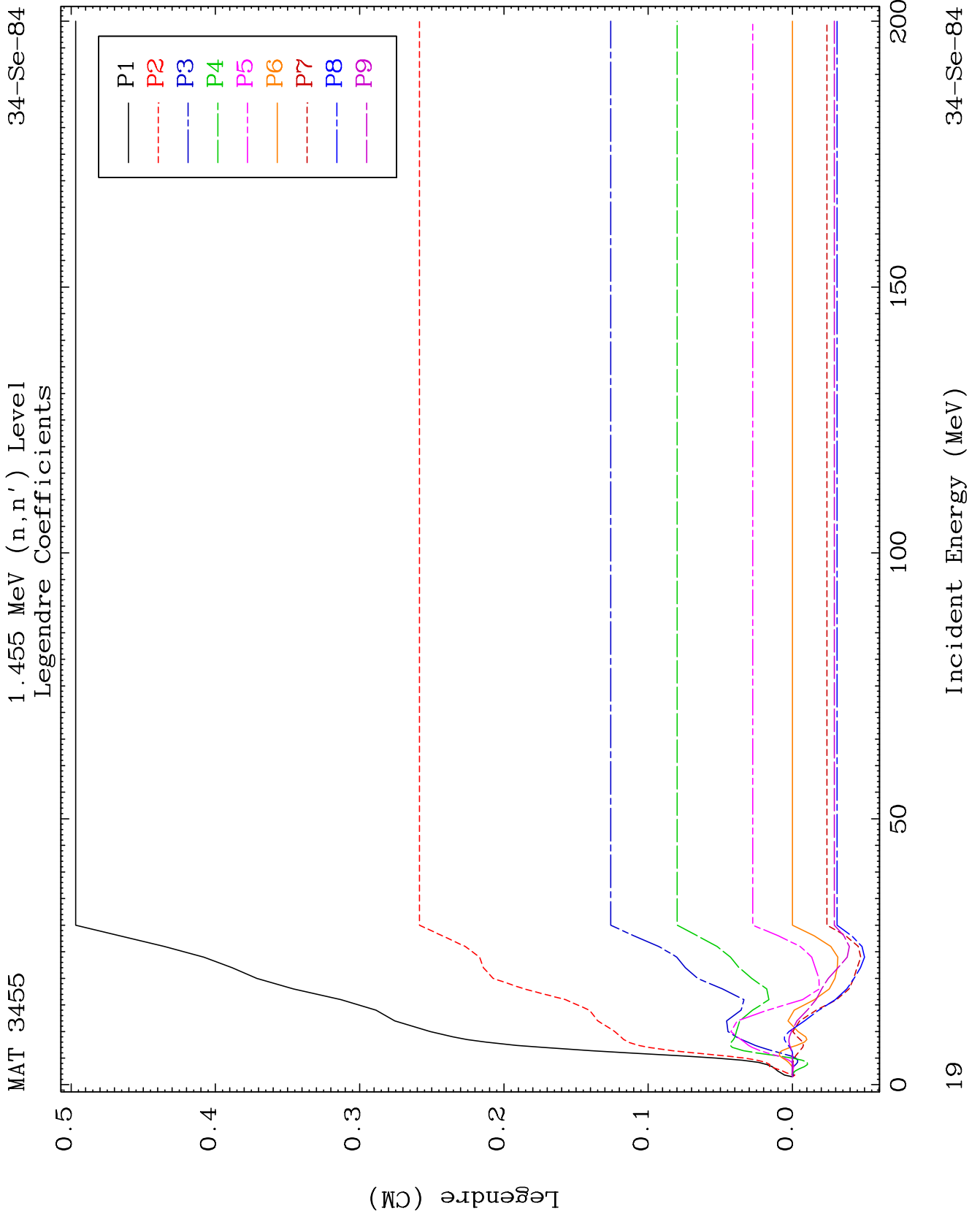
Elastic Legendre Coefficients



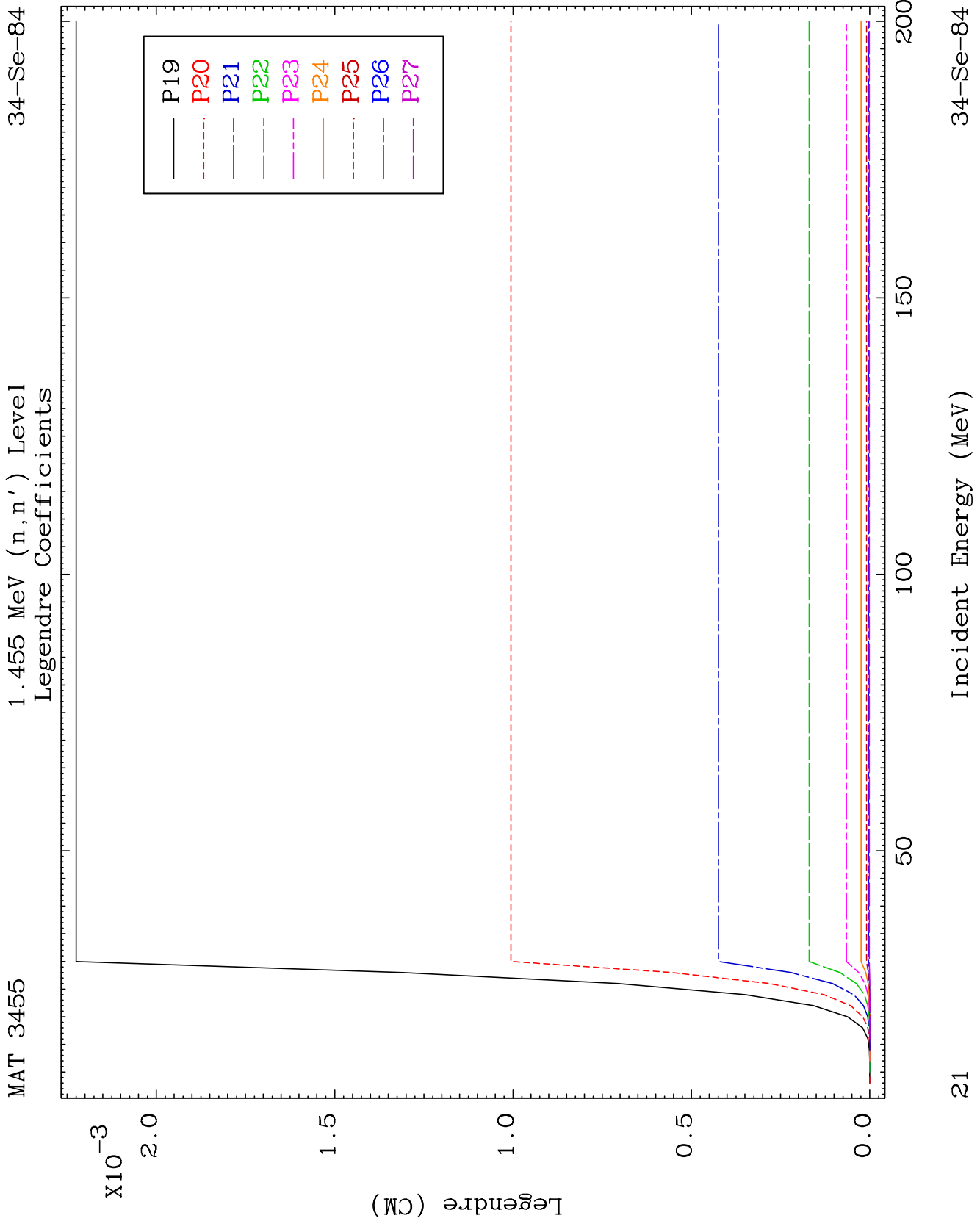
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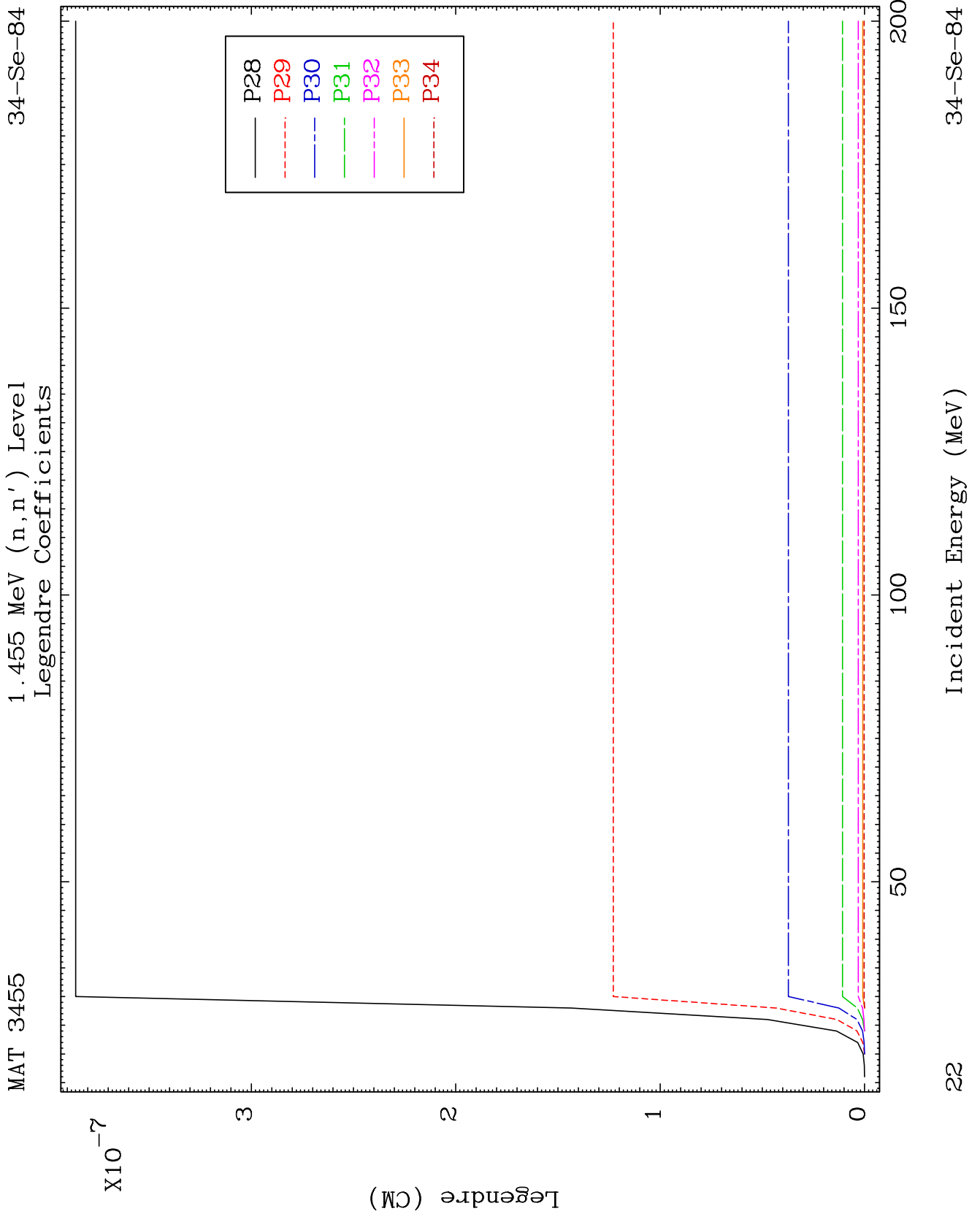
Incident Energy (MeV)

<sup>34</sup>Se-84





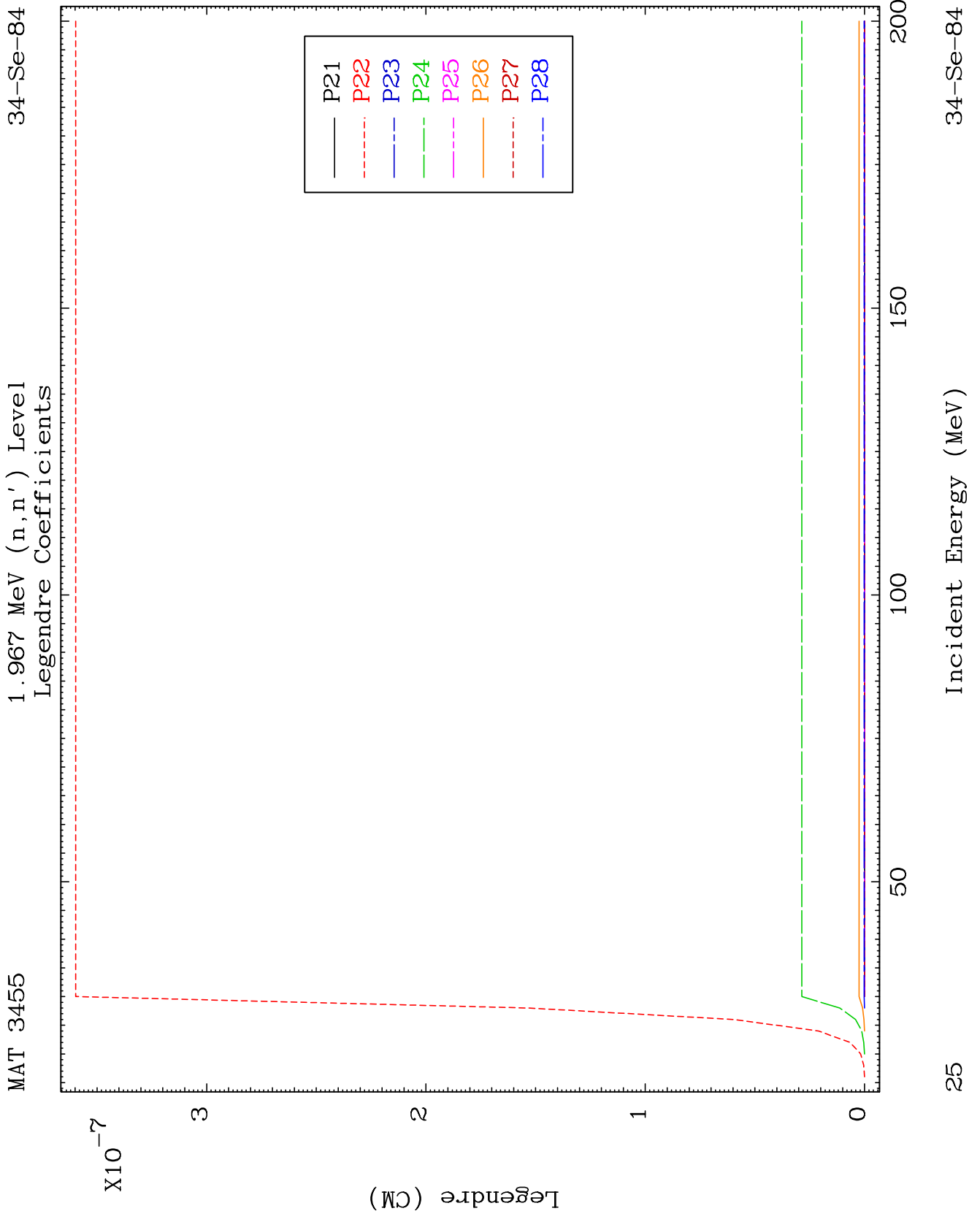


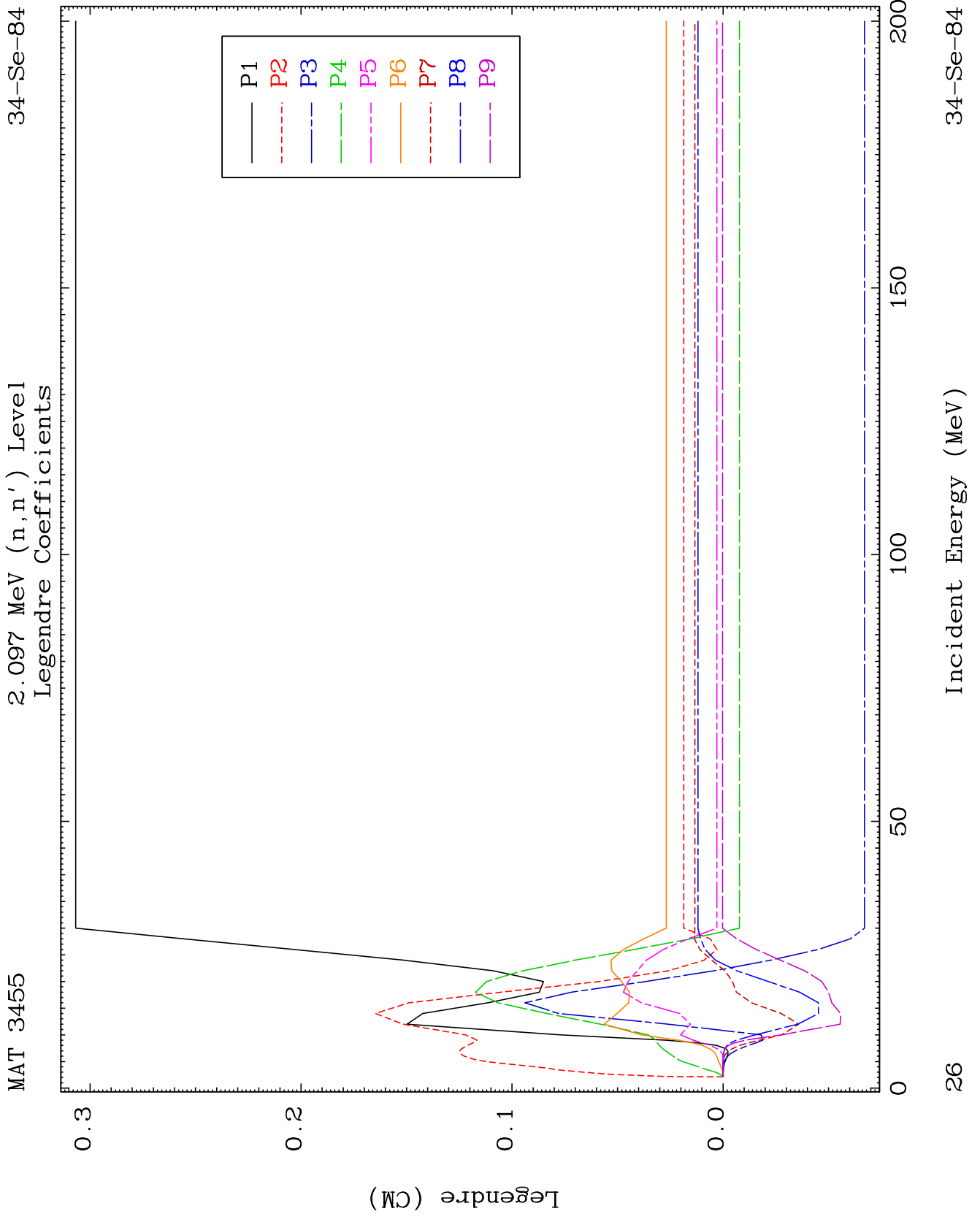








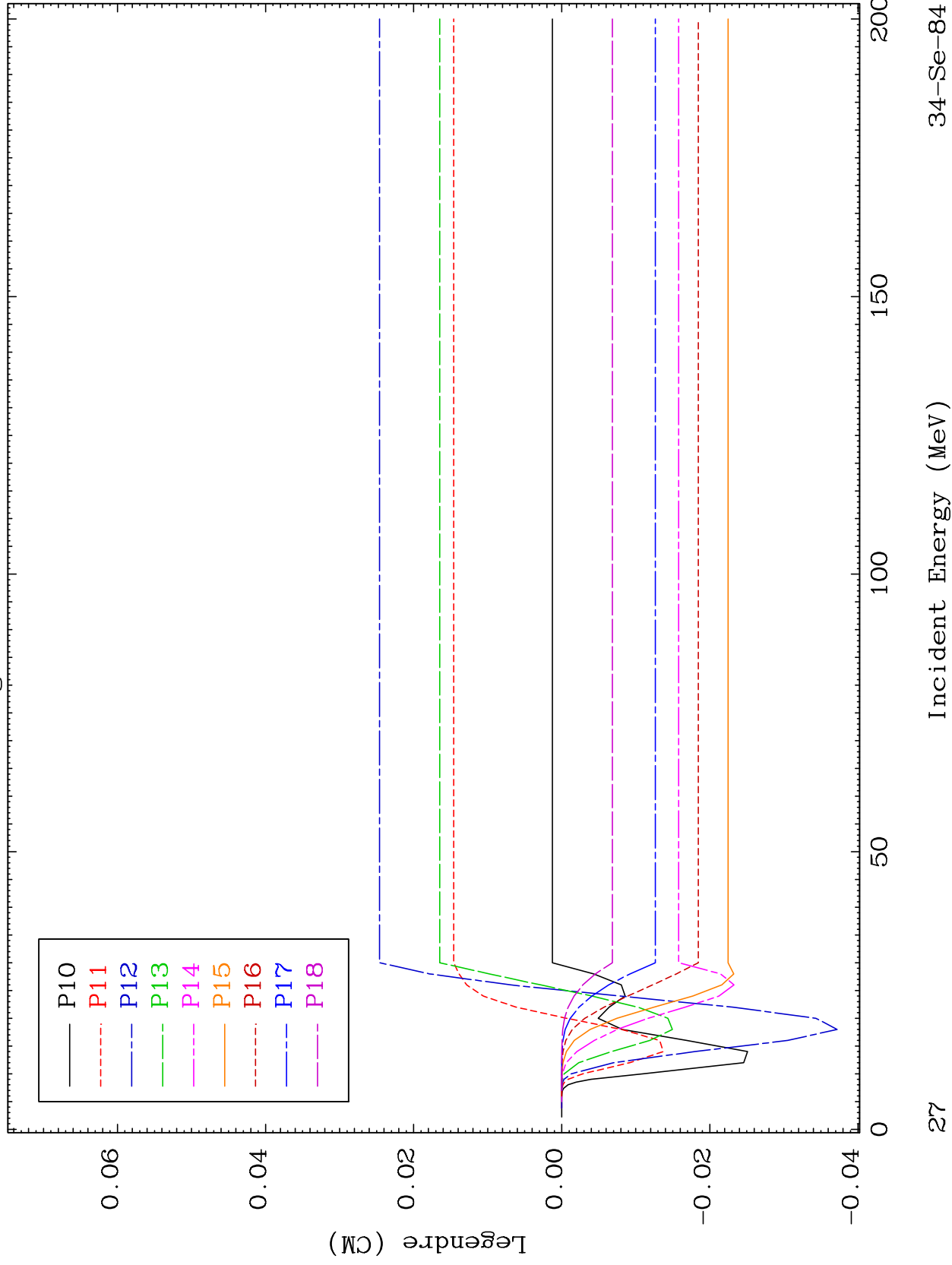




MAT 3455

2.097 MeV (n,n') Level  
Legendre Coefficients

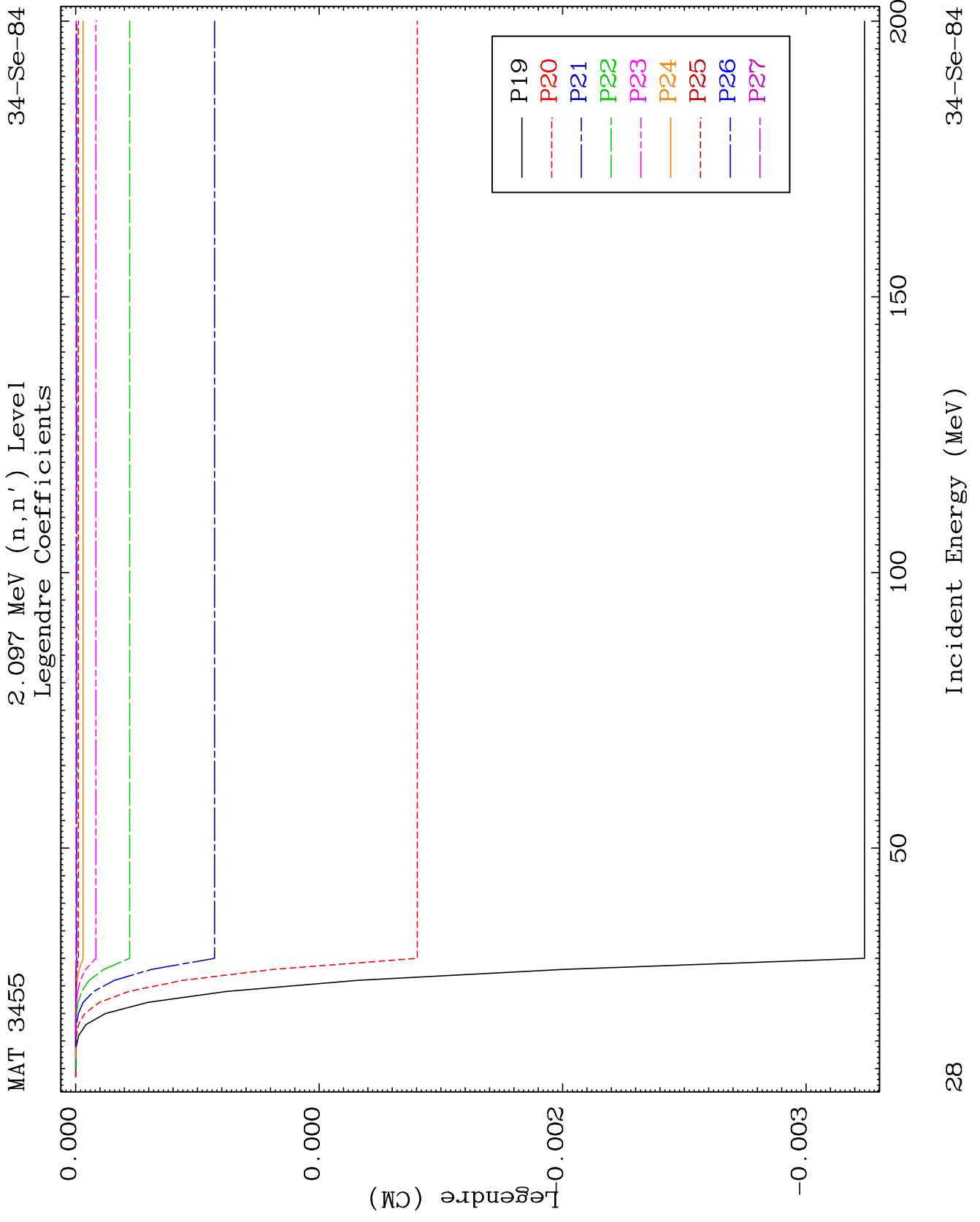
34-Se-84

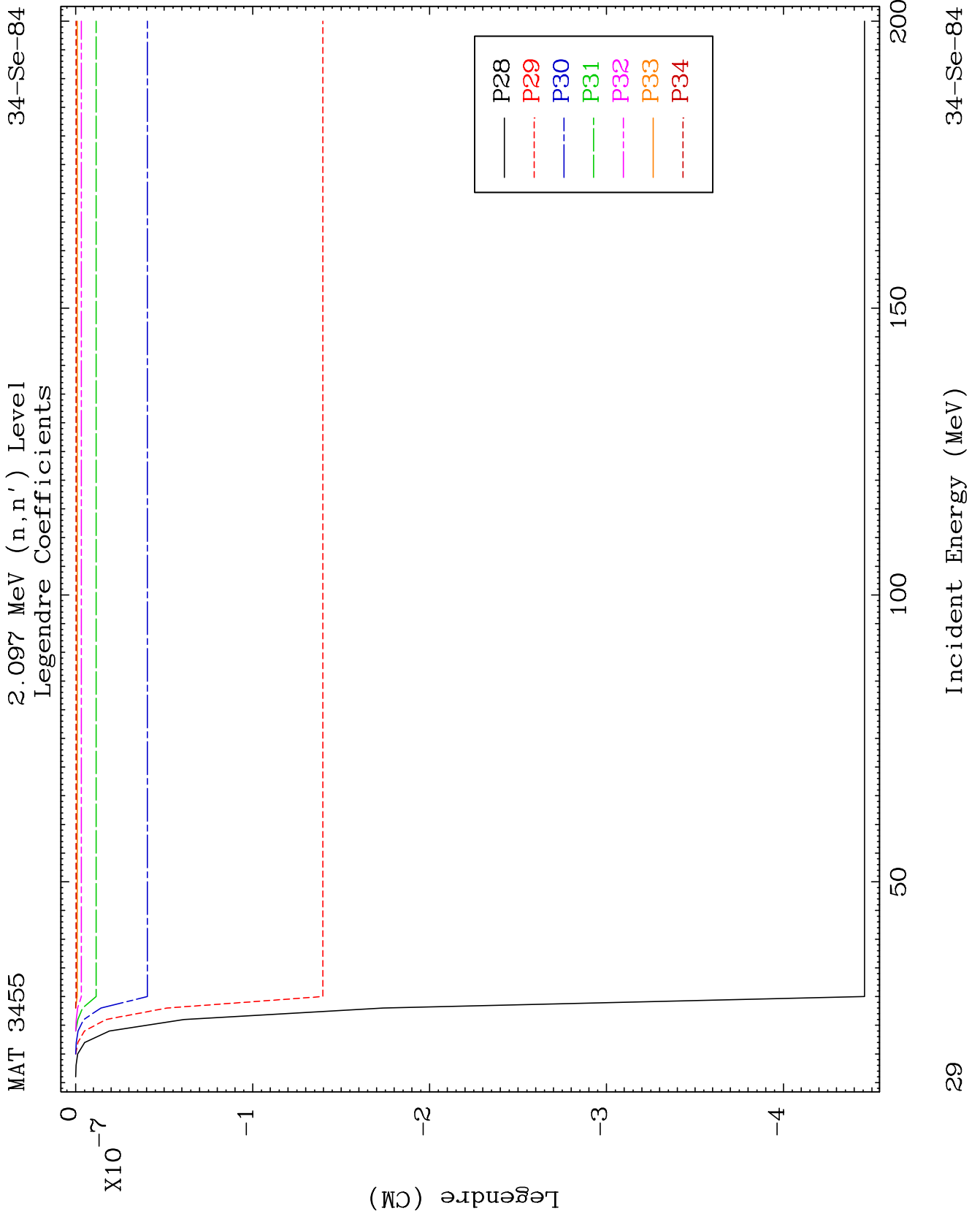


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Incident Energy (MeV)

34-Se-84

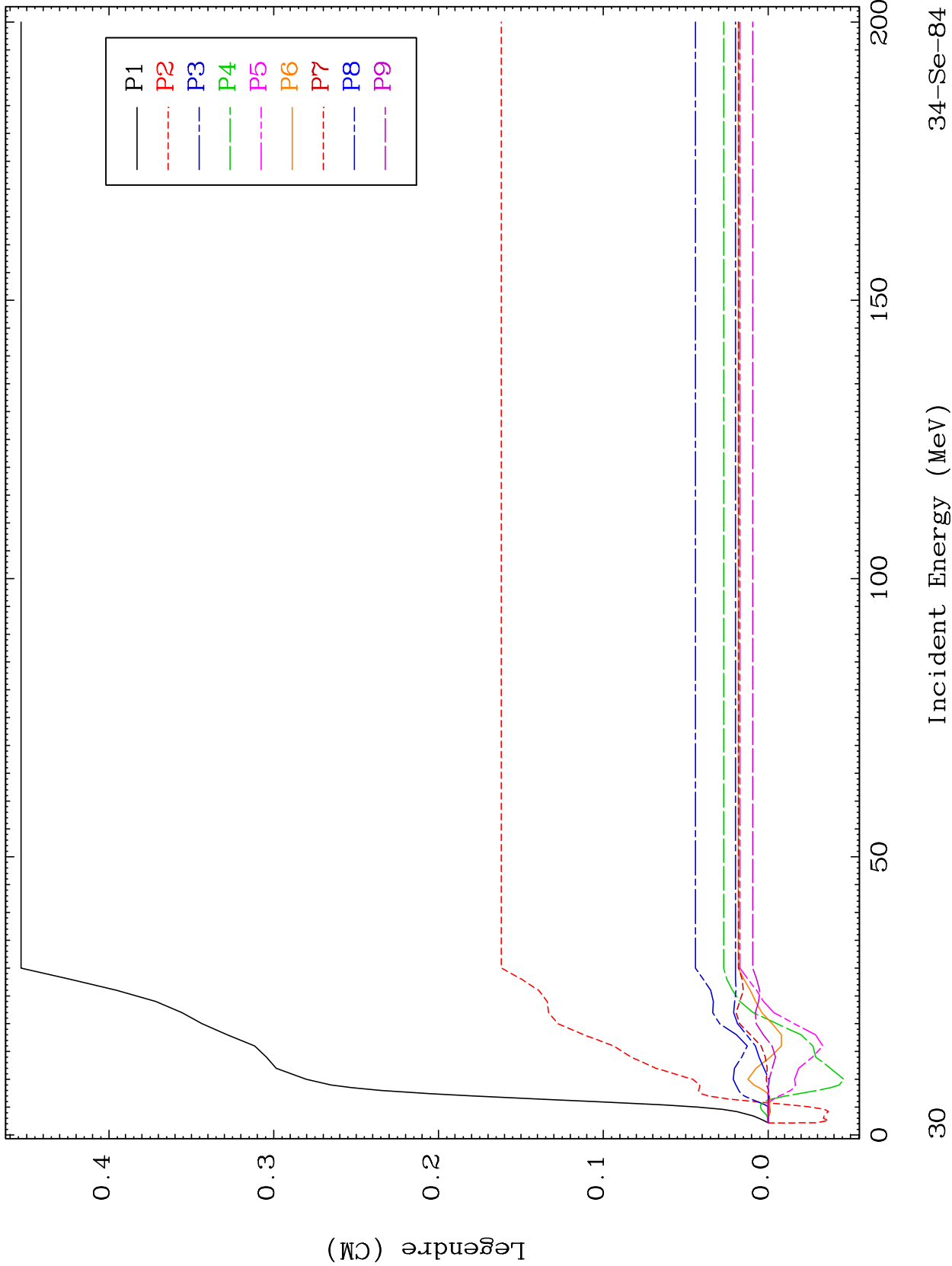




MAT 3455

2.122 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84

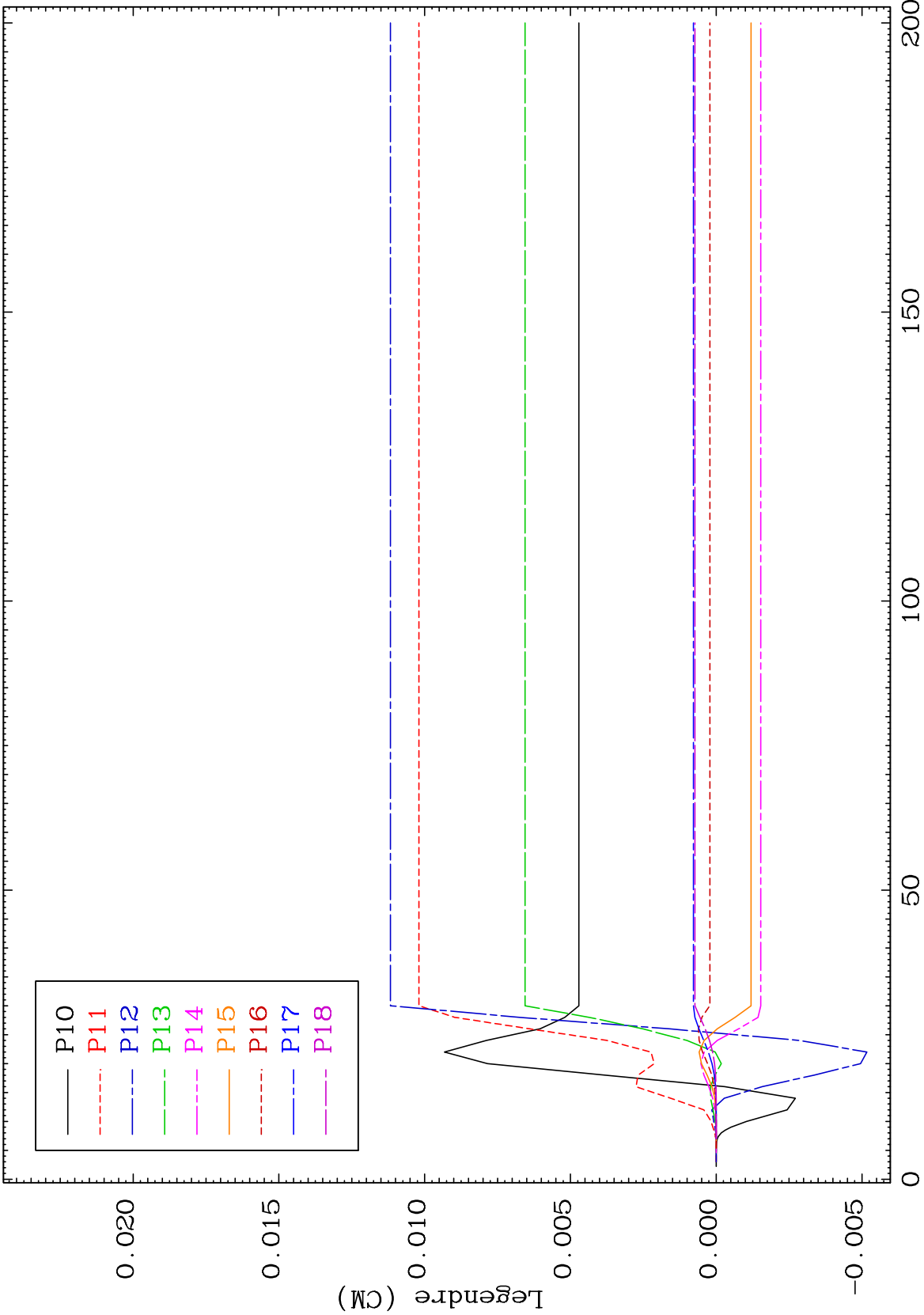


<sup>34</sup>Se-84

MAT 3455

2.122 MeV (n,n') Level  
Legendre Coefficients

34-Se-84



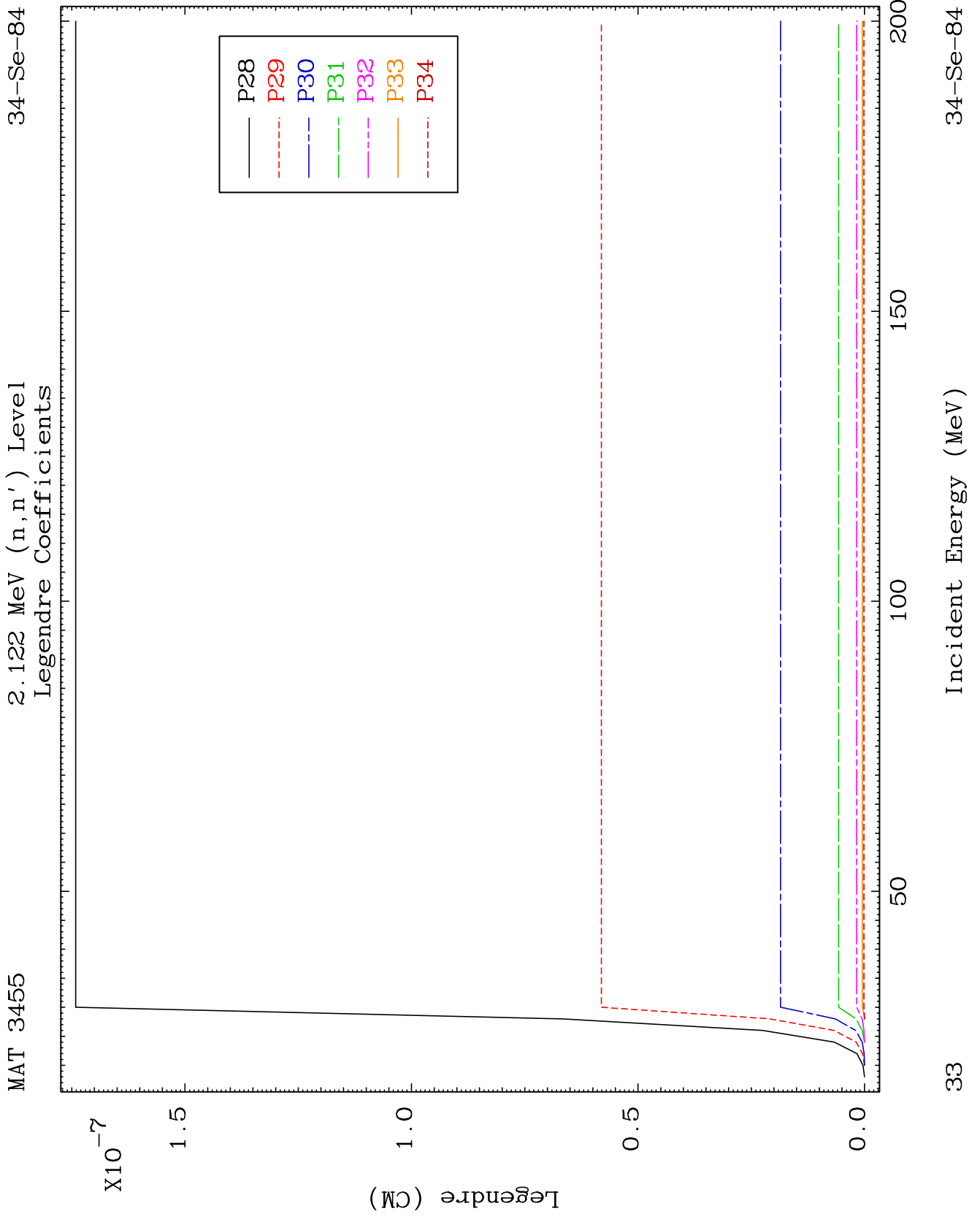
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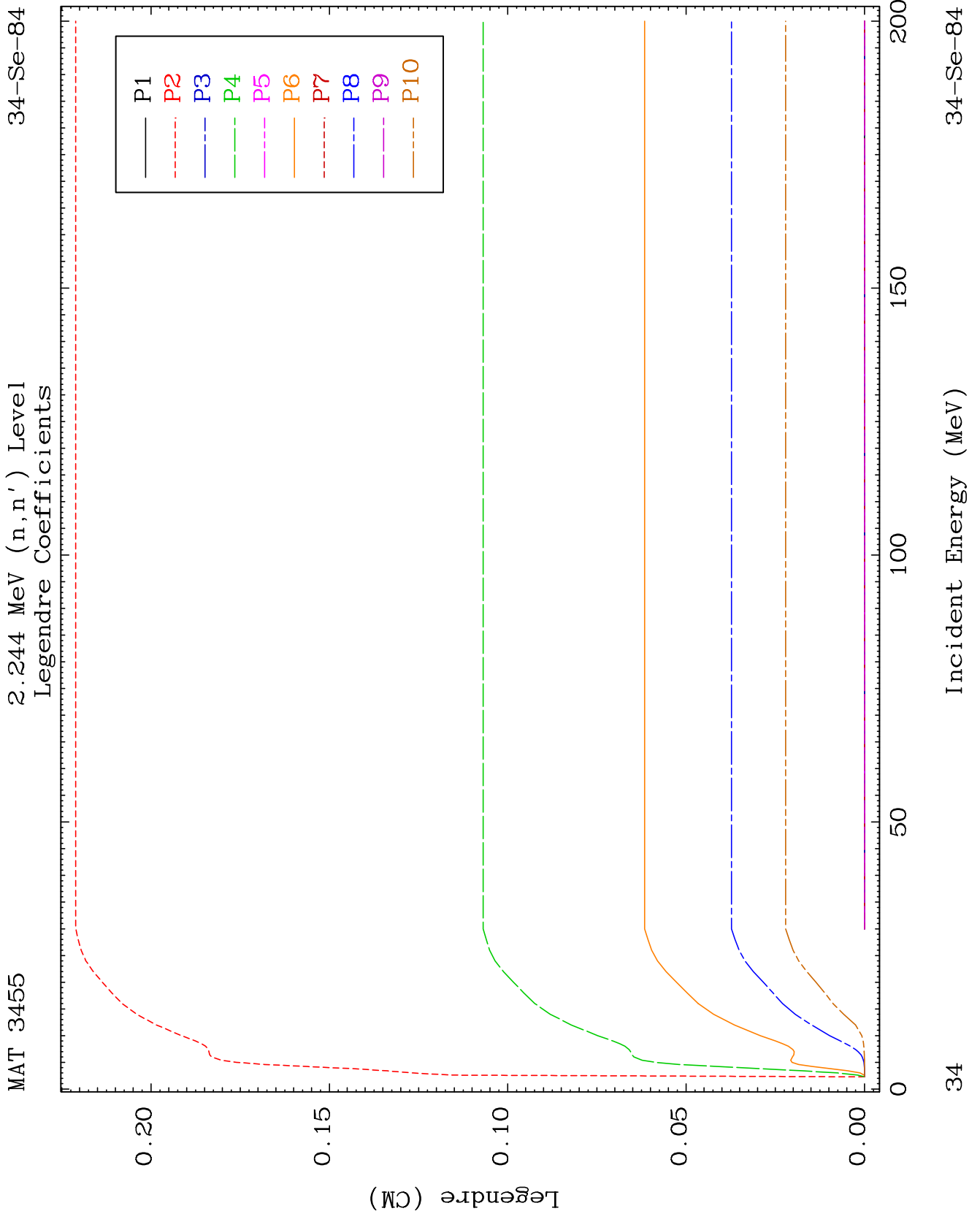
Incident Energy (MeV)

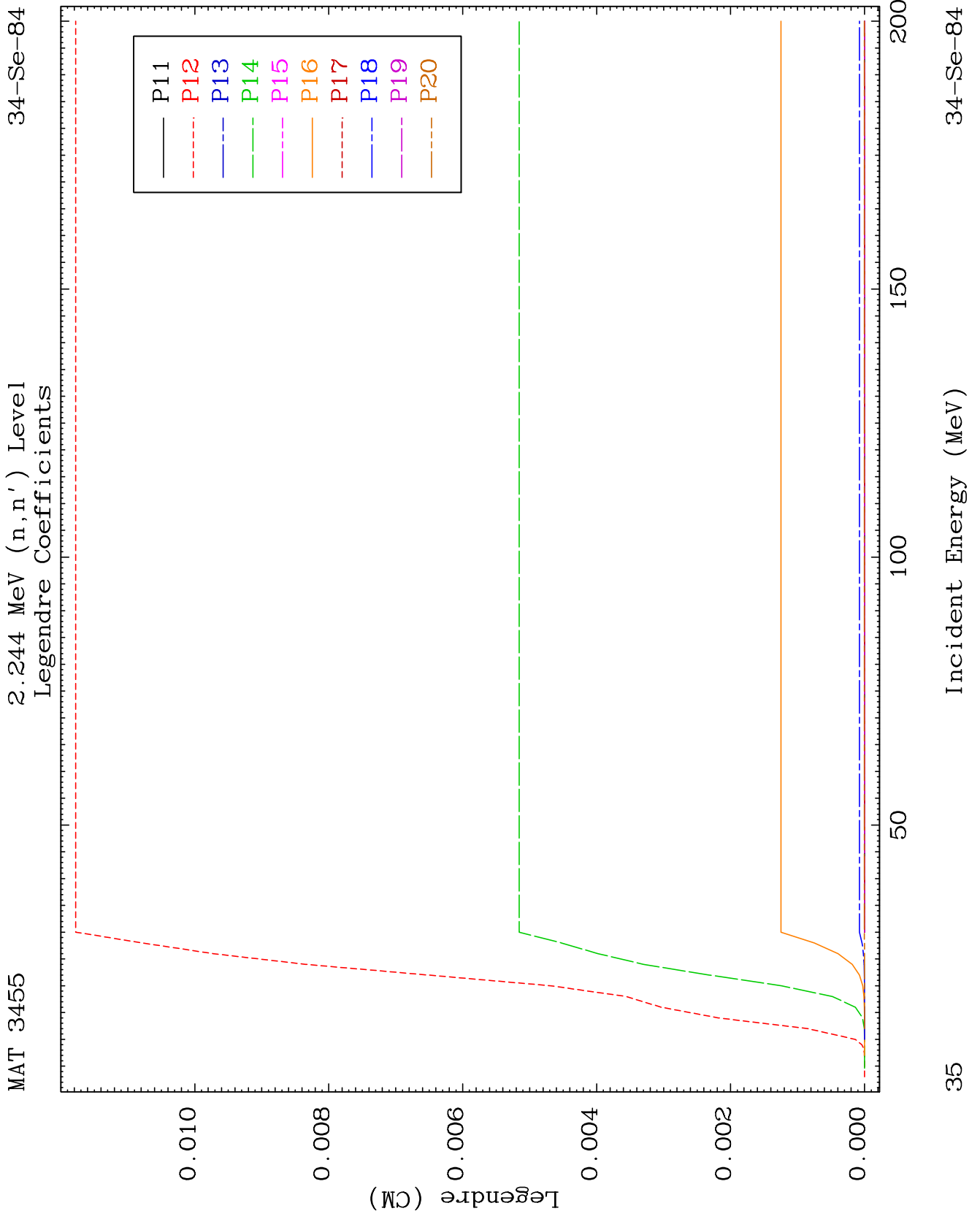
34-Se-84



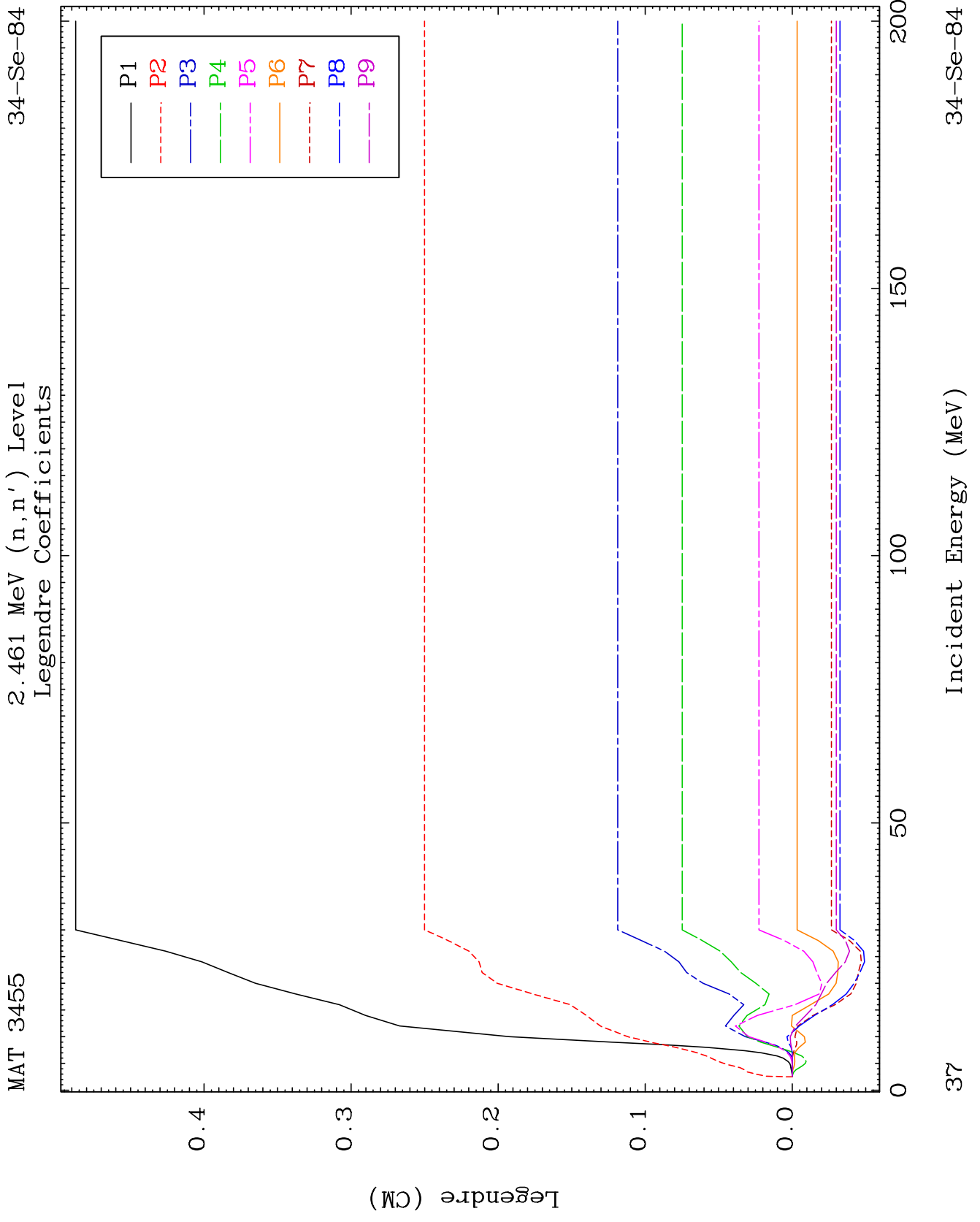


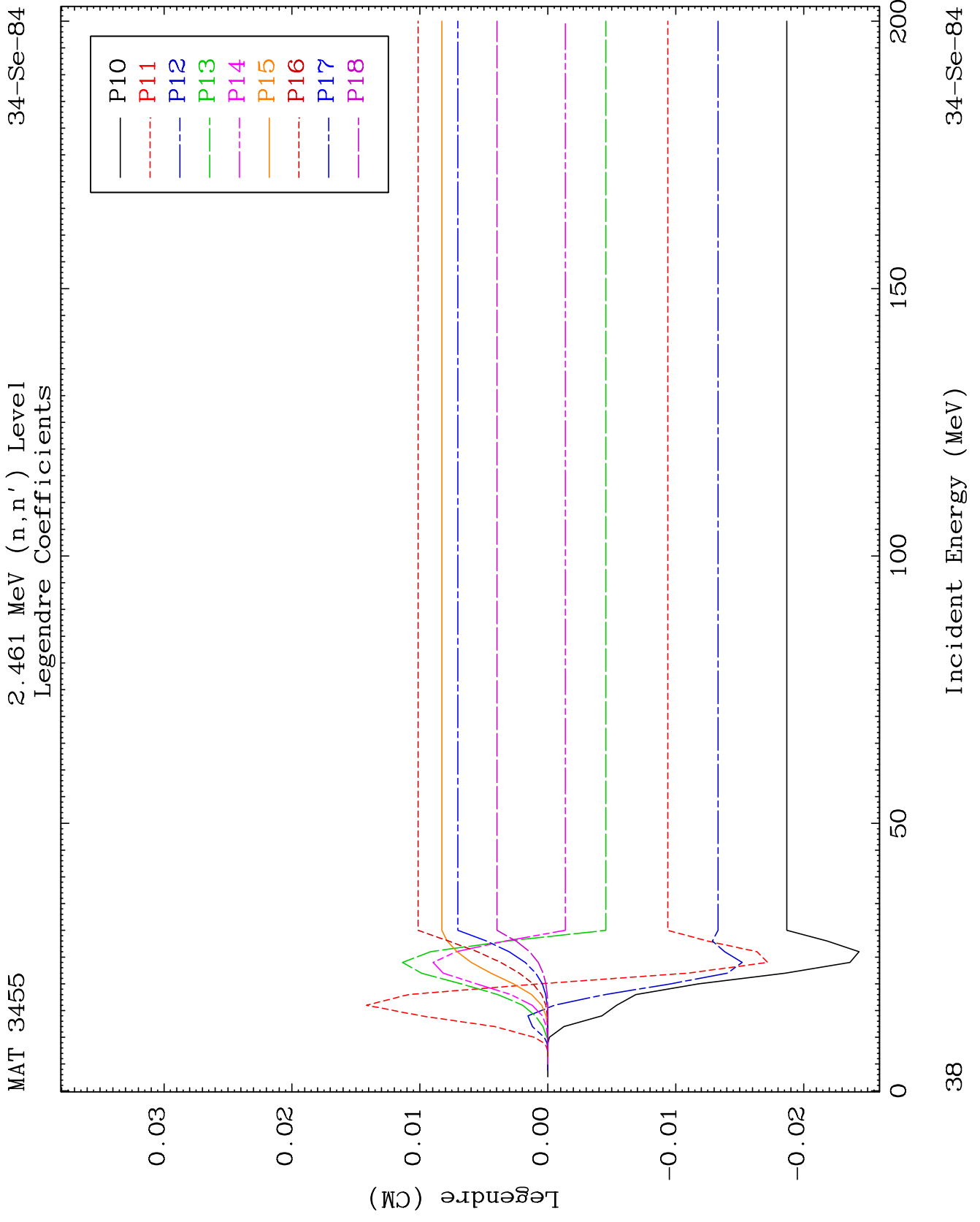








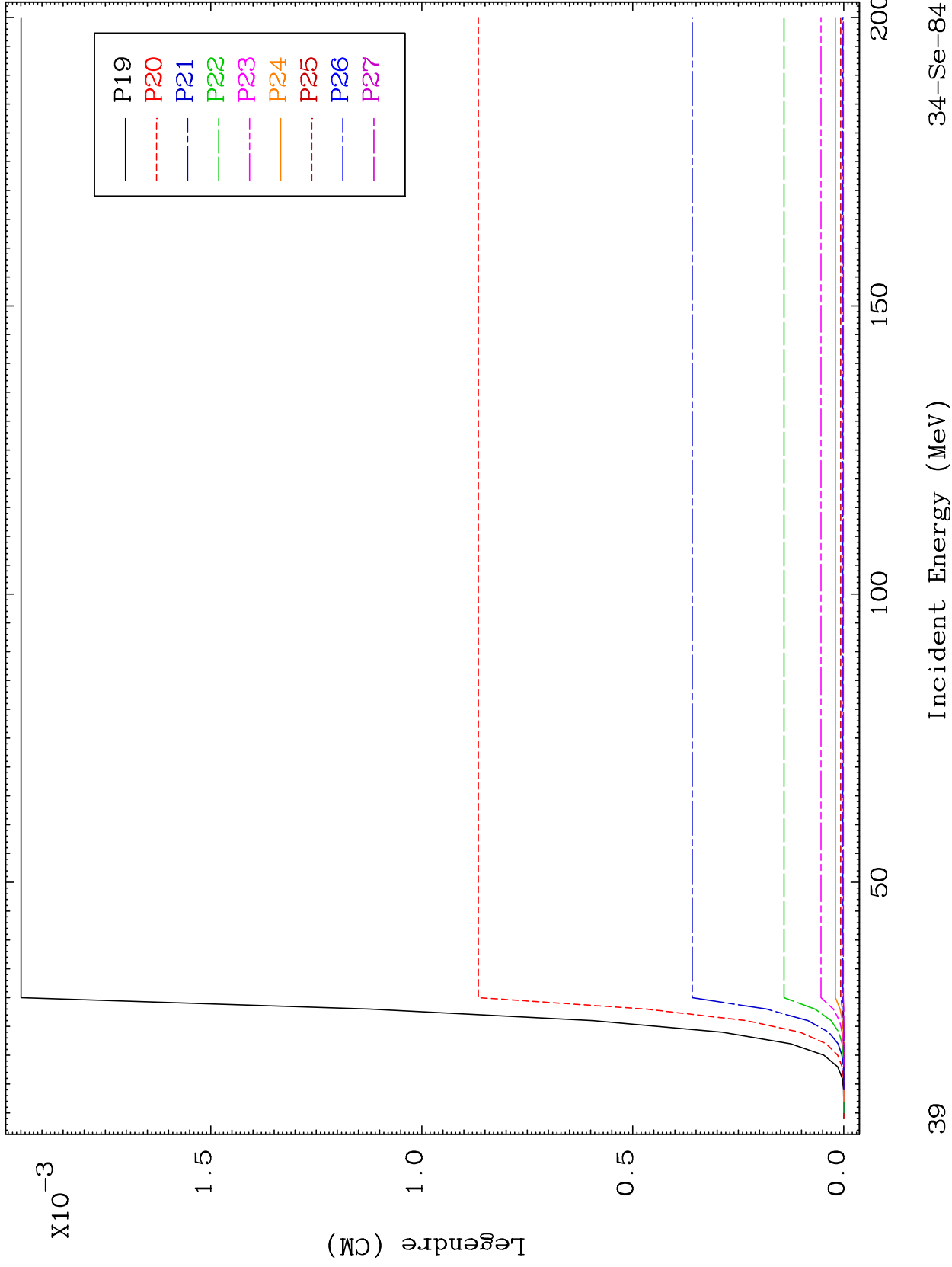




MAT 3455

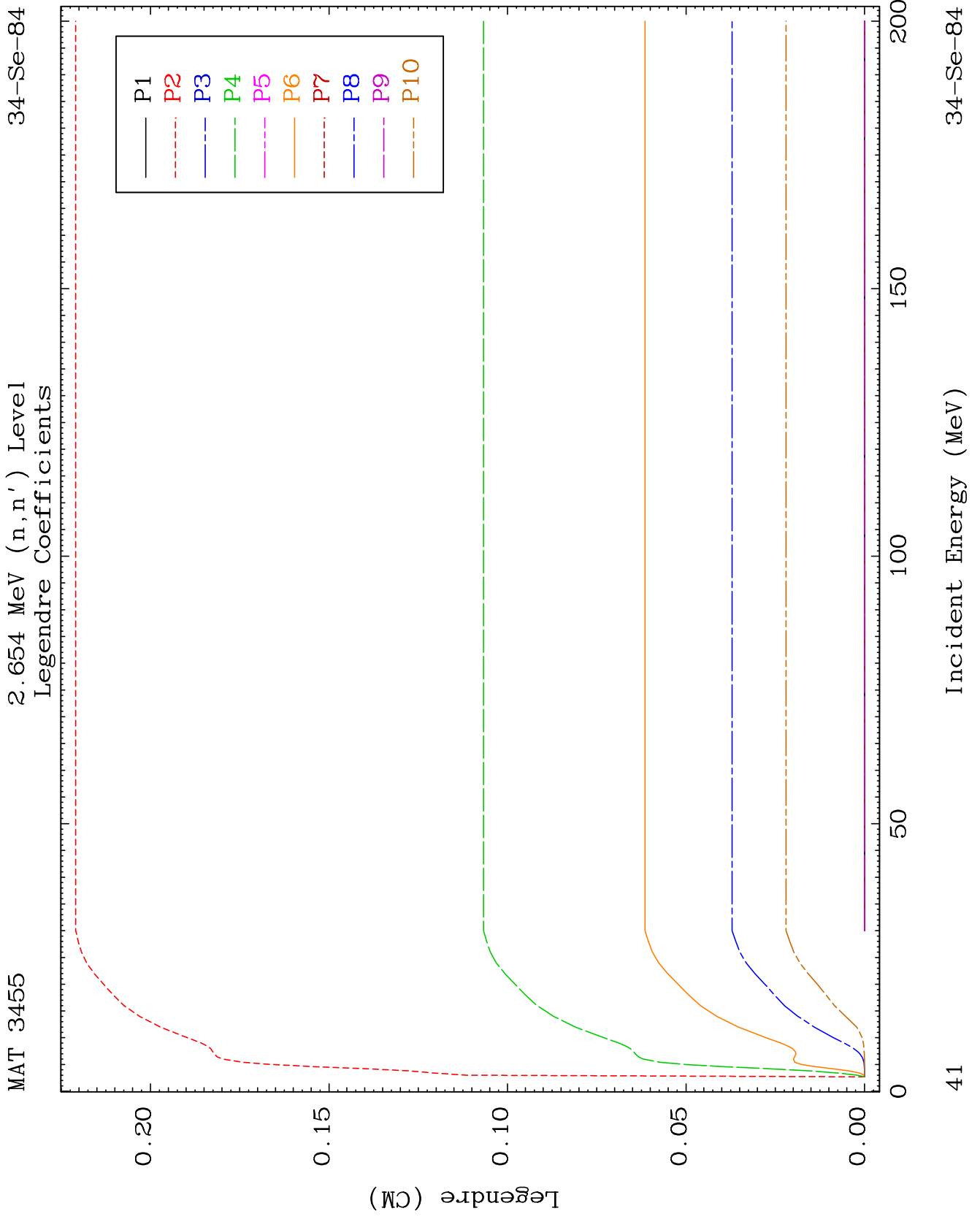
2.461 MeV (n,n') Level  
Legendre Coefficients

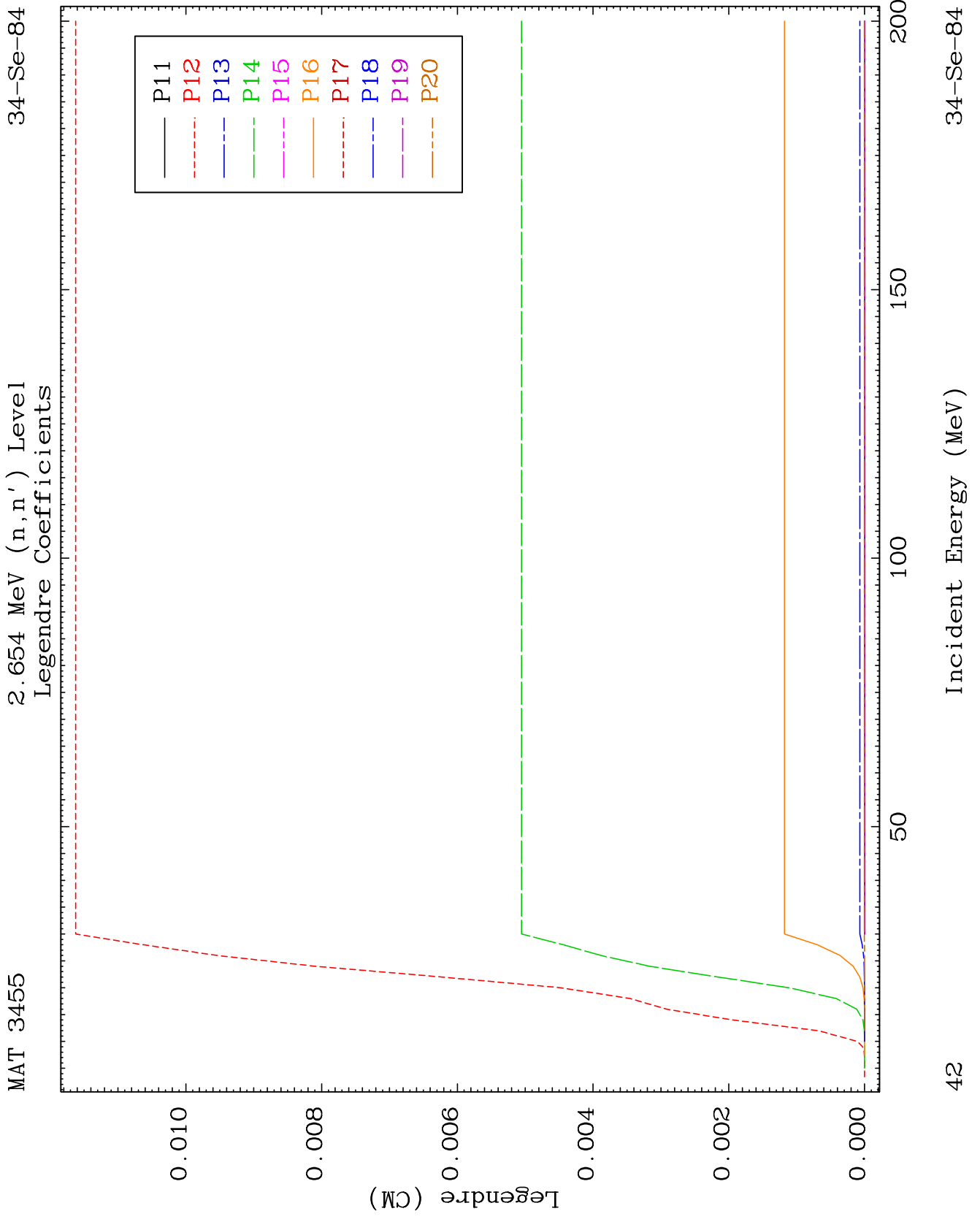
34-Se-84



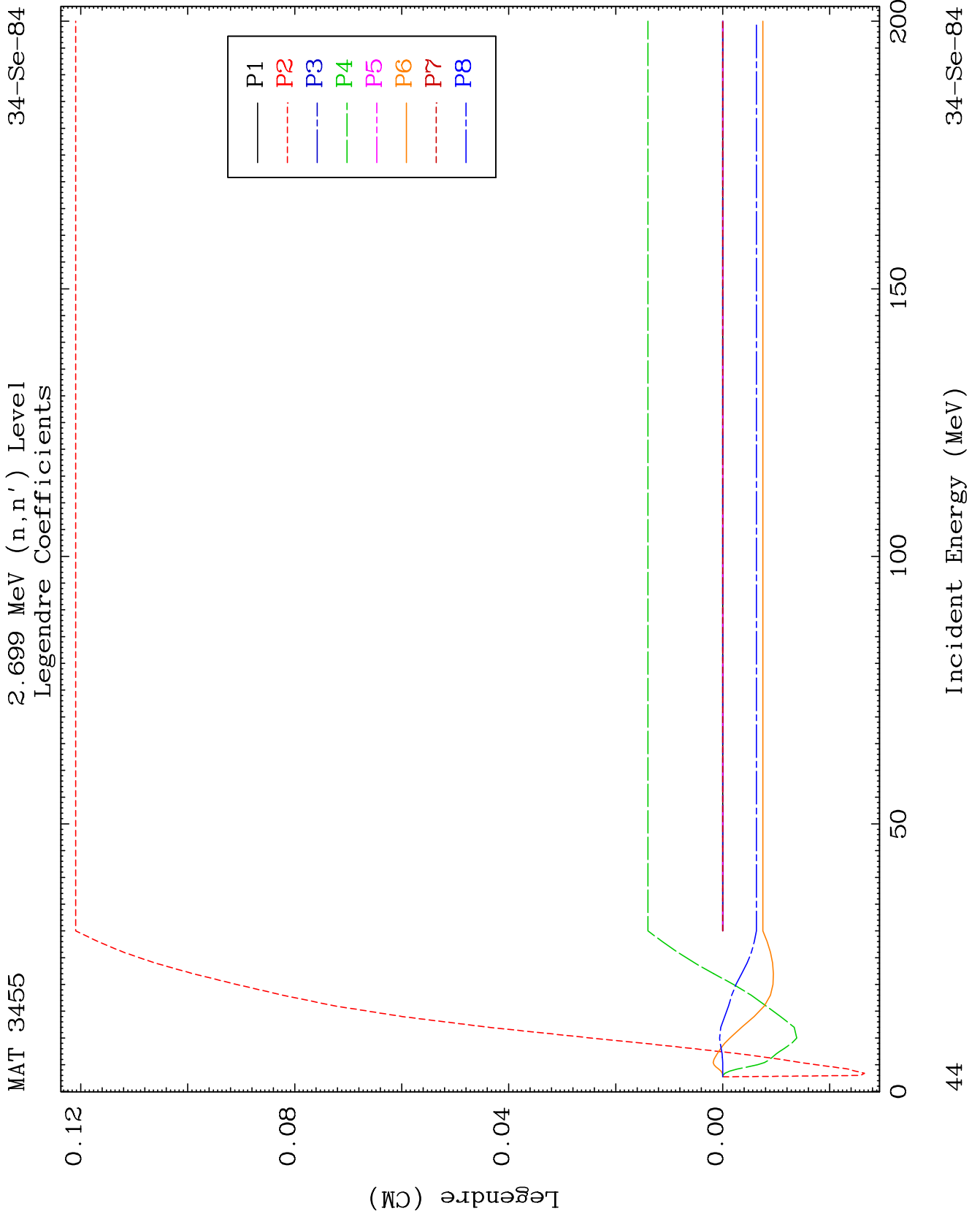








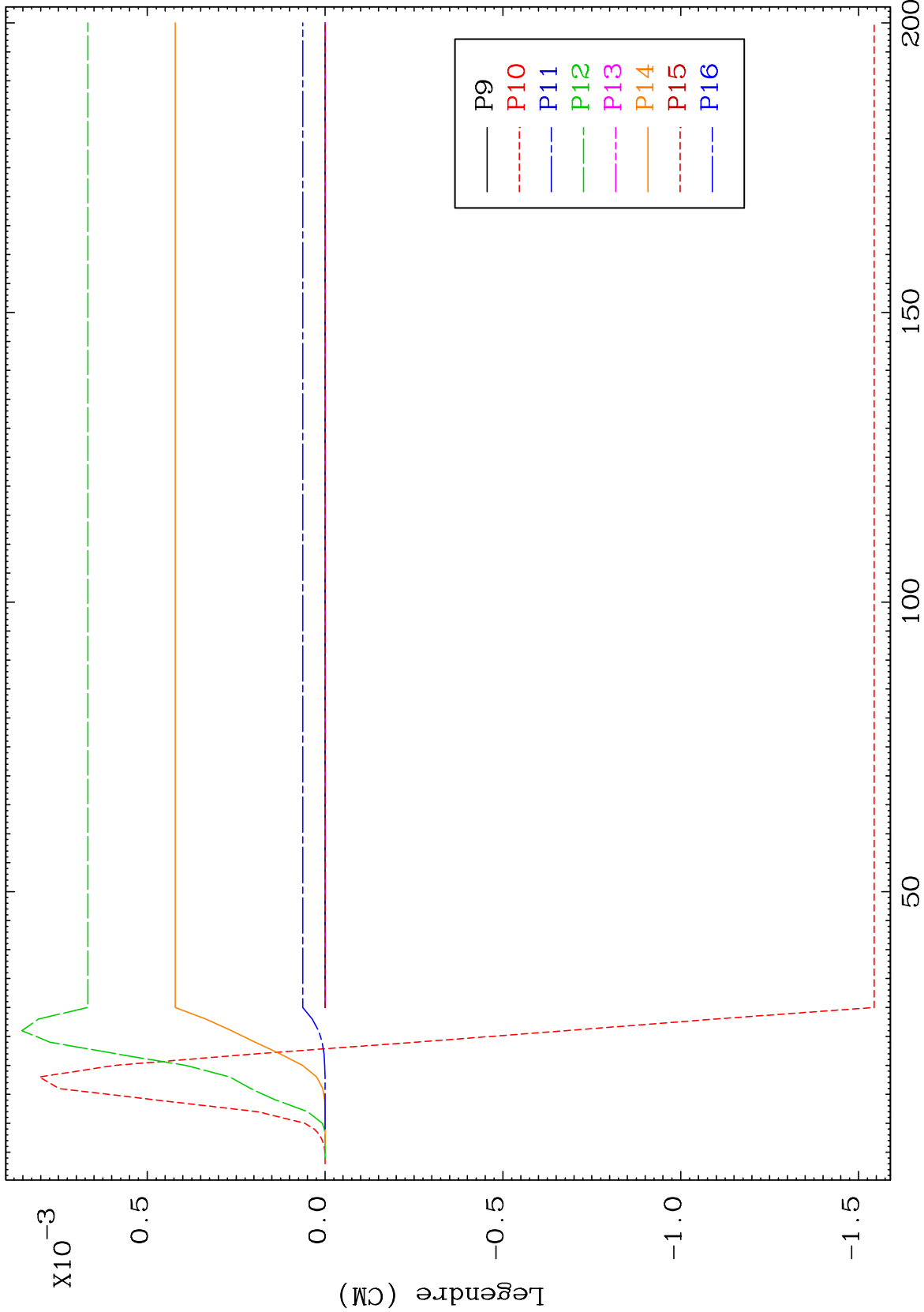




MAT 3455

2.699 MeV (n,n') Level  
Legendre Coefficients

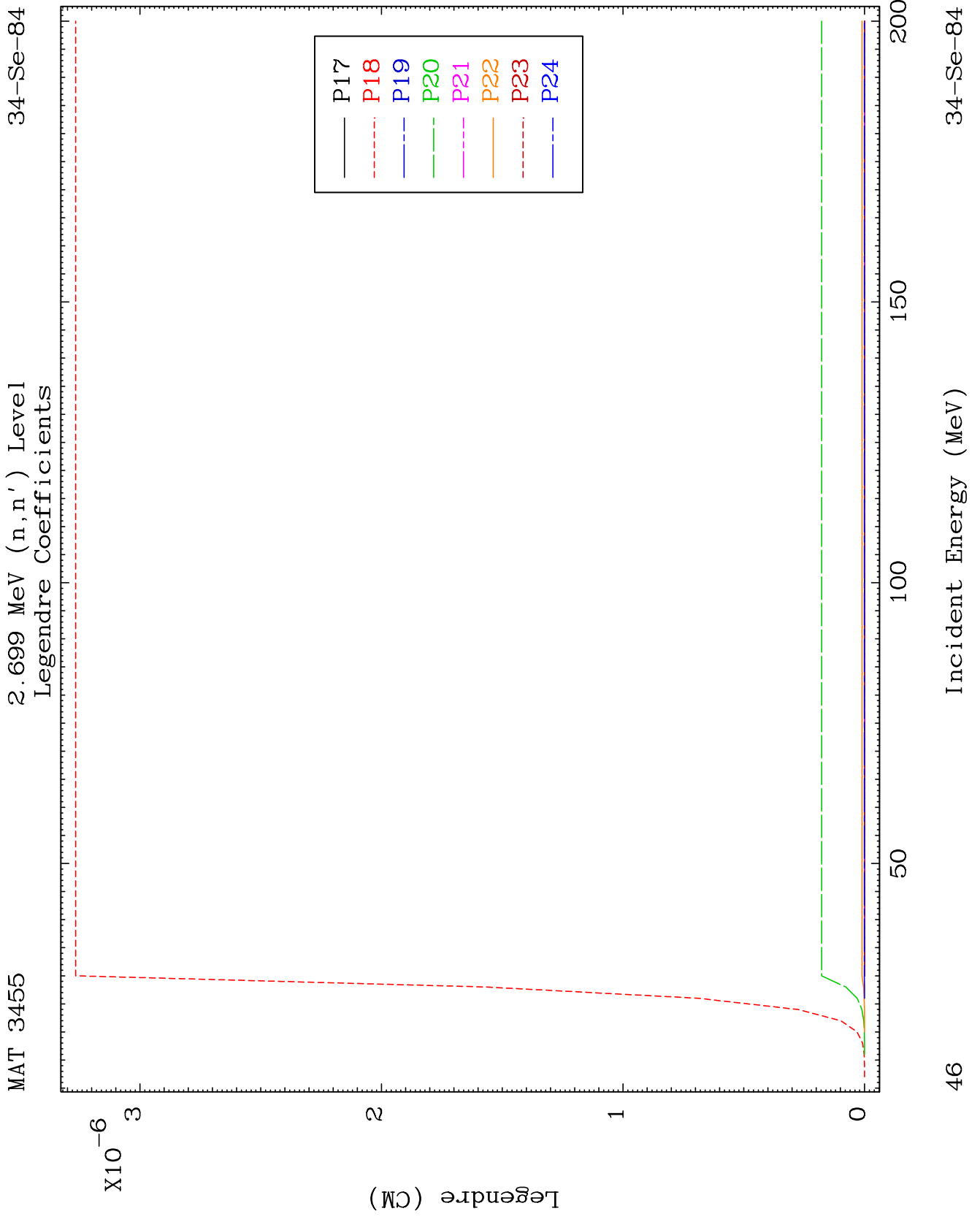
<sup>34</sup>Se-84

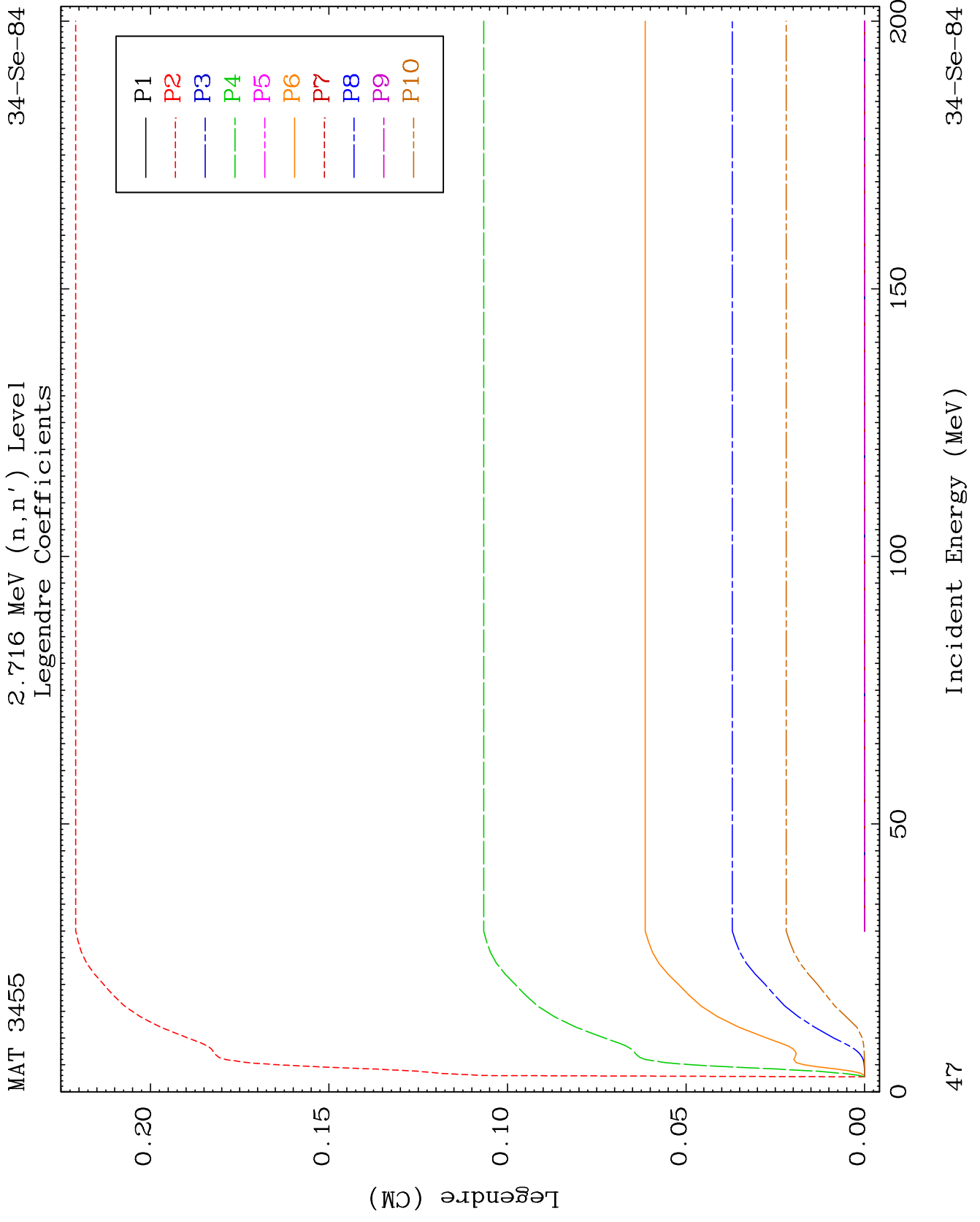


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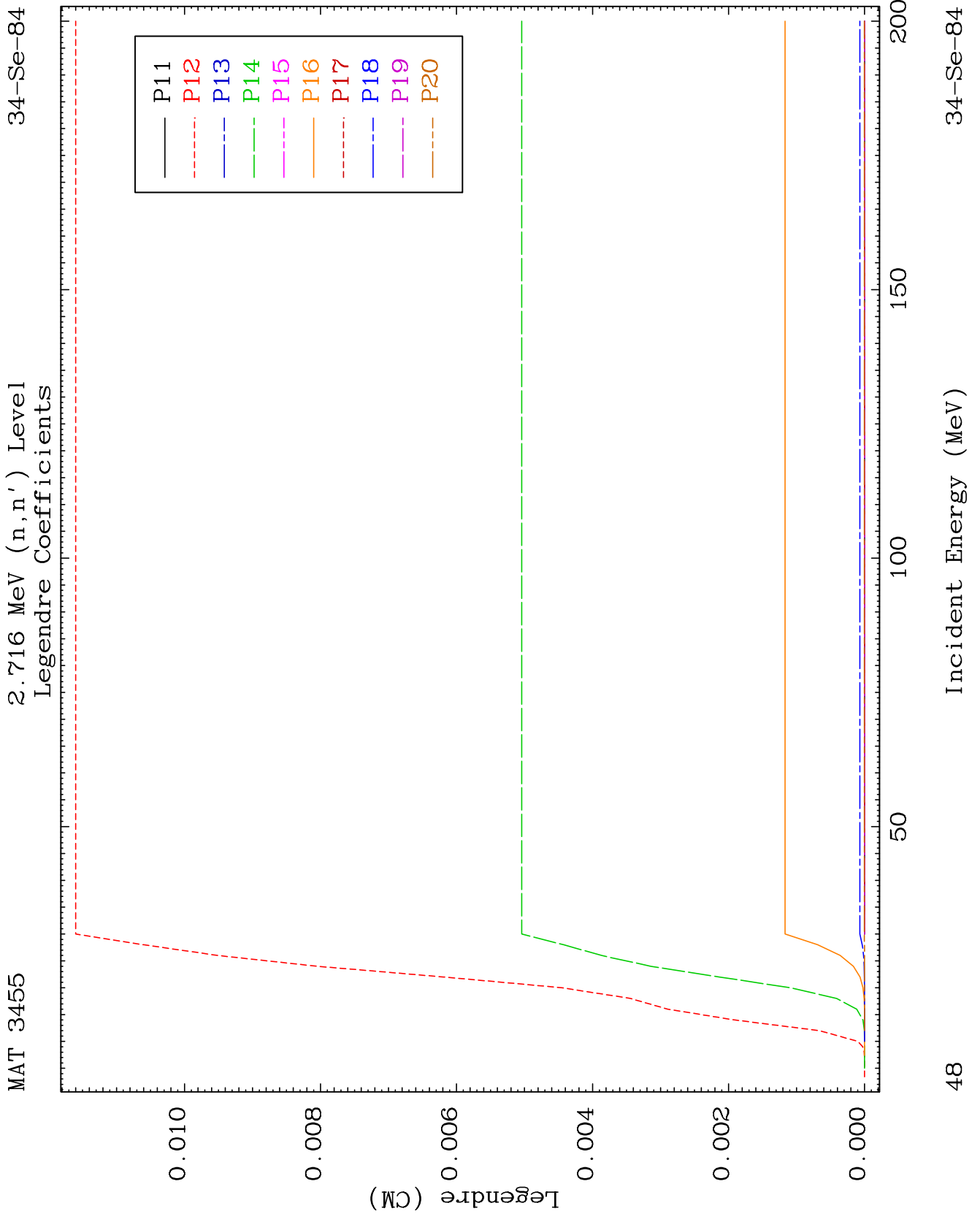
Incident Energy (MeV)

<sup>34</sup>Se-84

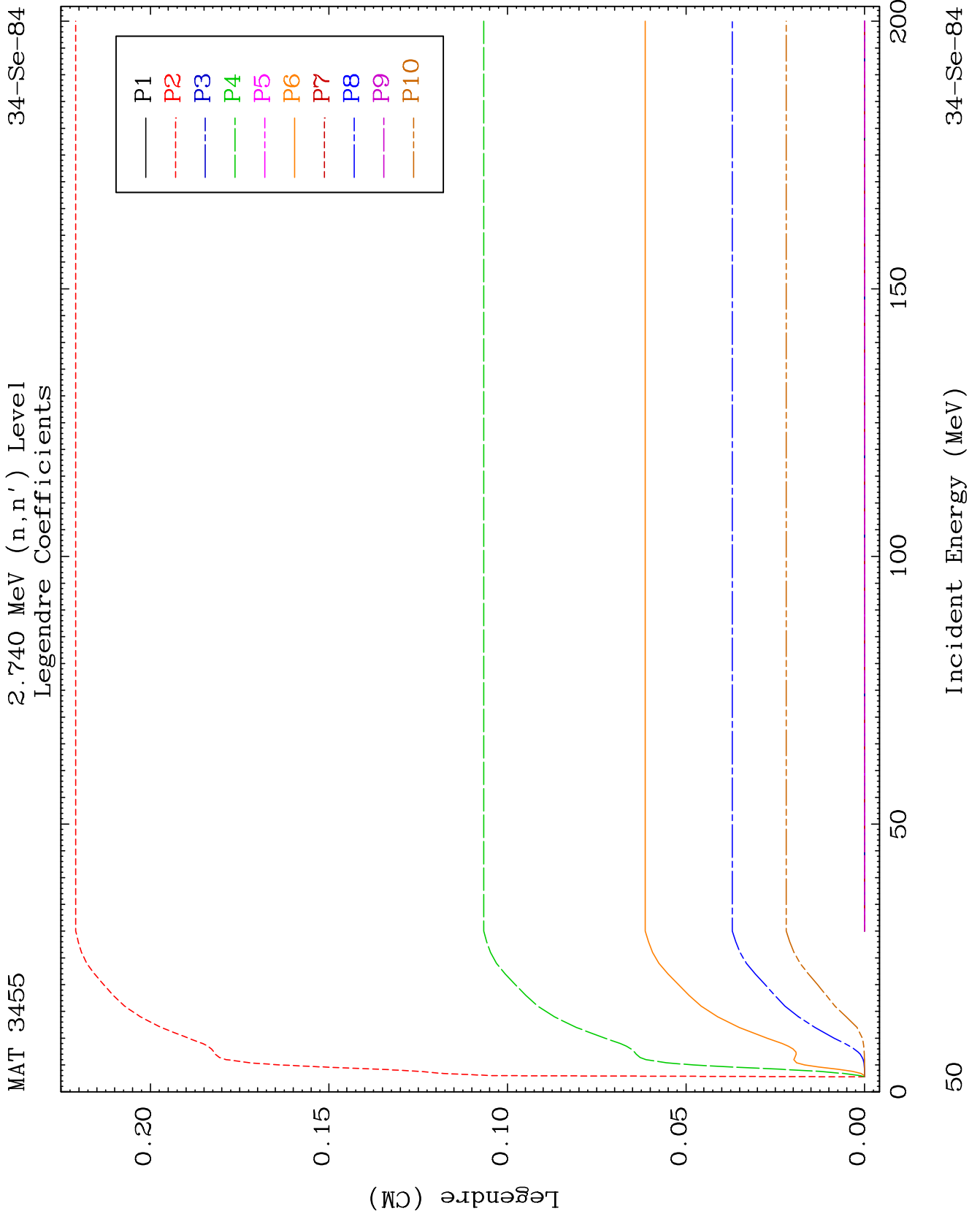




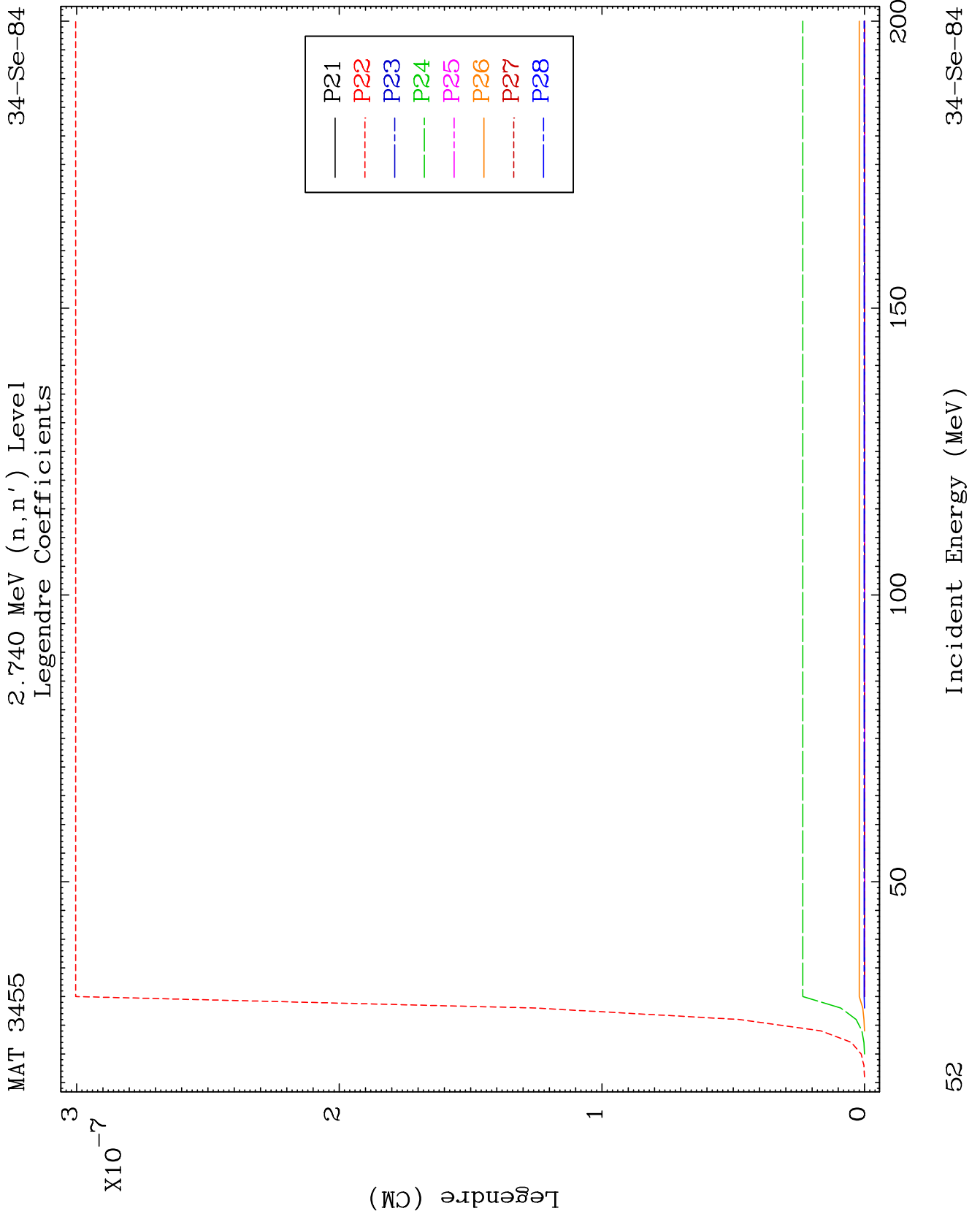


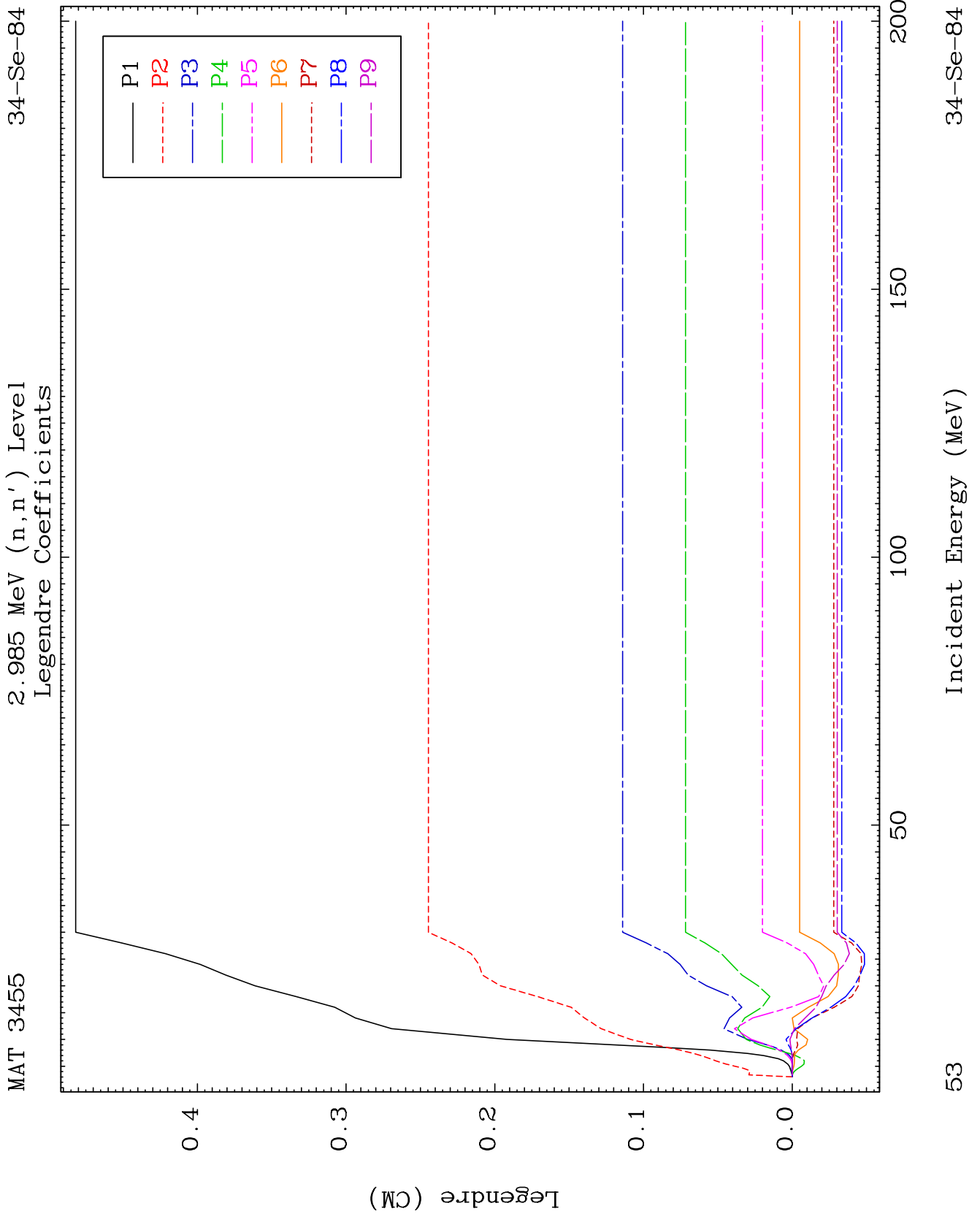


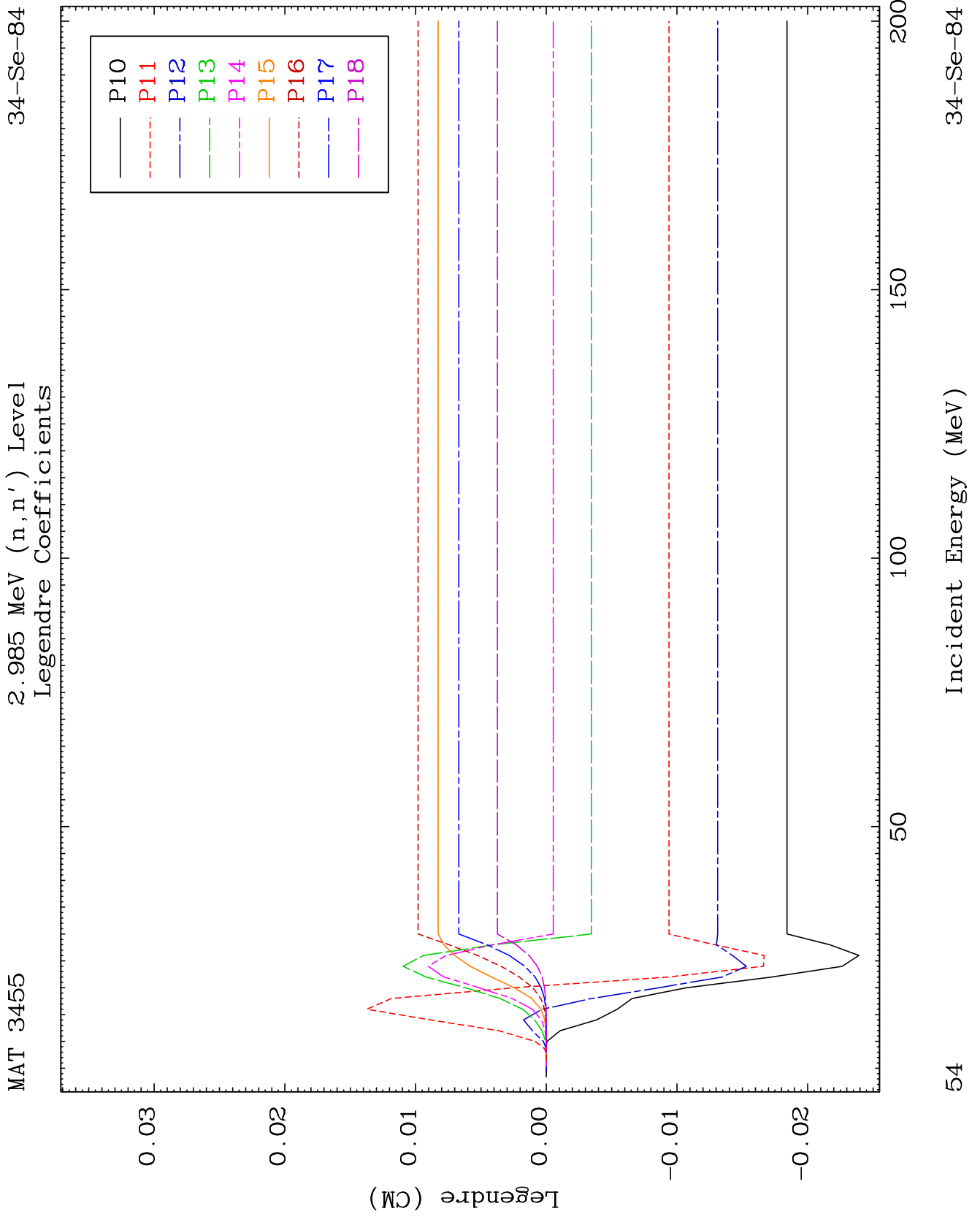








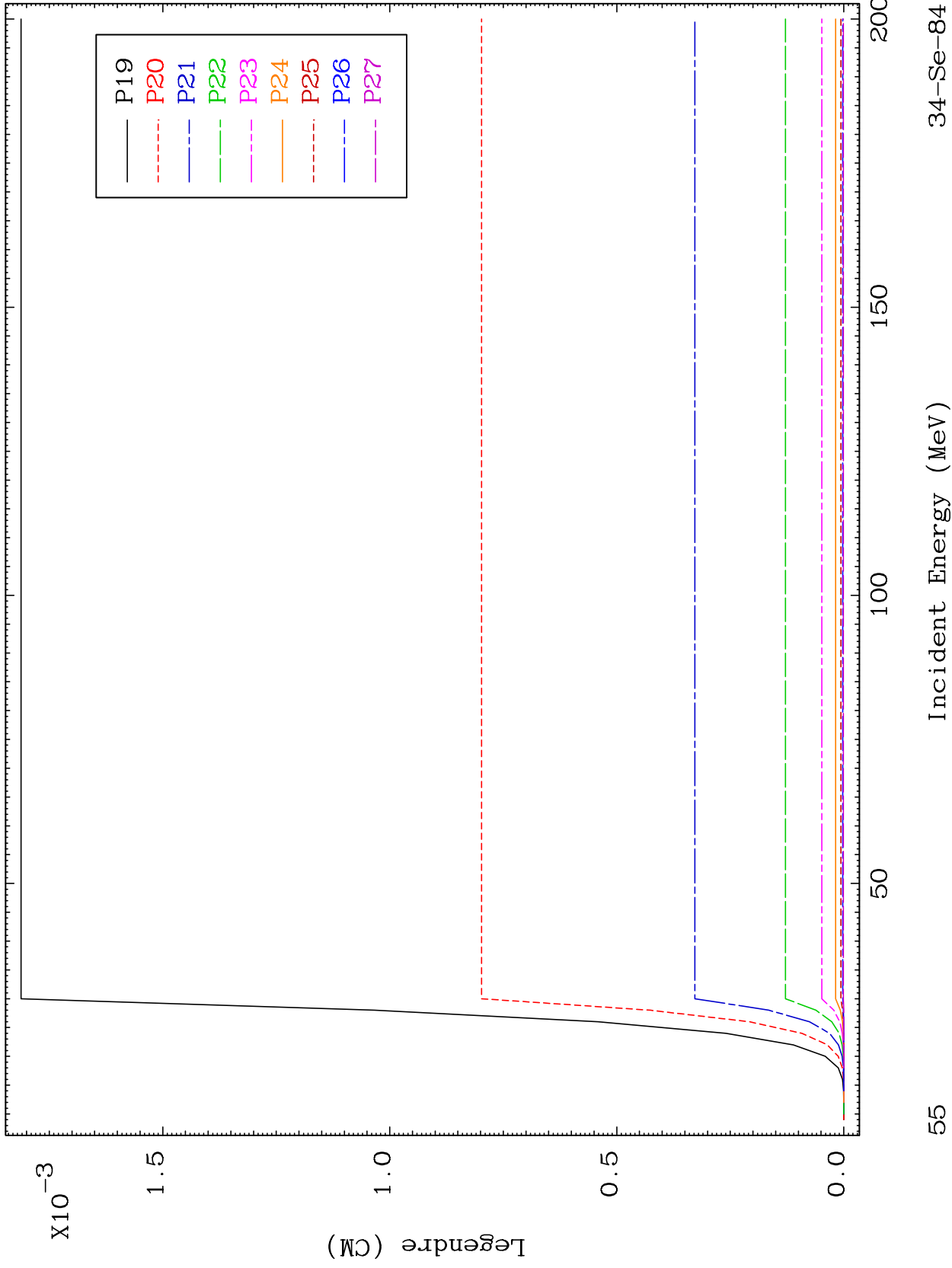




MAT 3455

2.985 MeV (n,n') Level  
Legendre Coefficients

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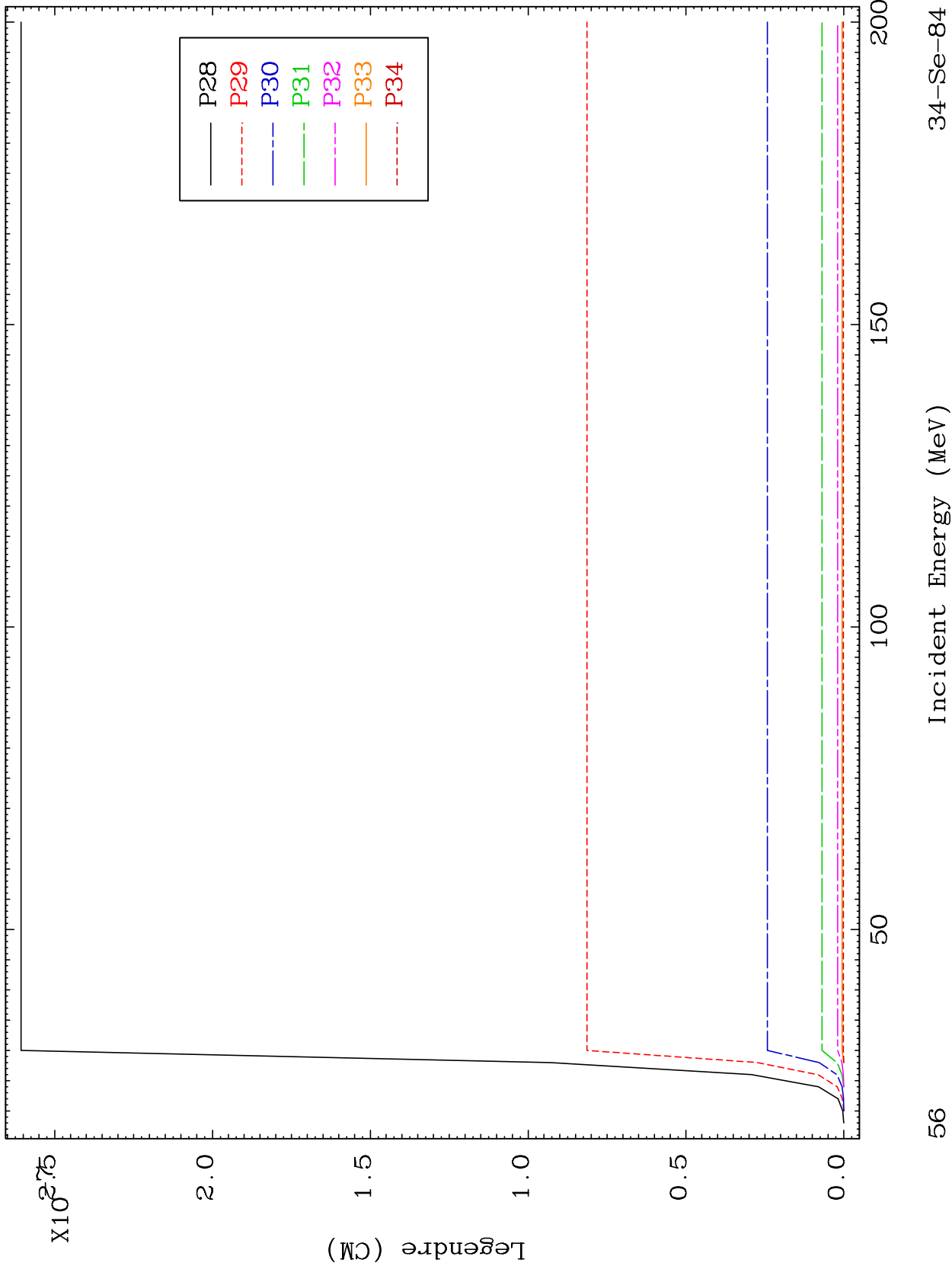


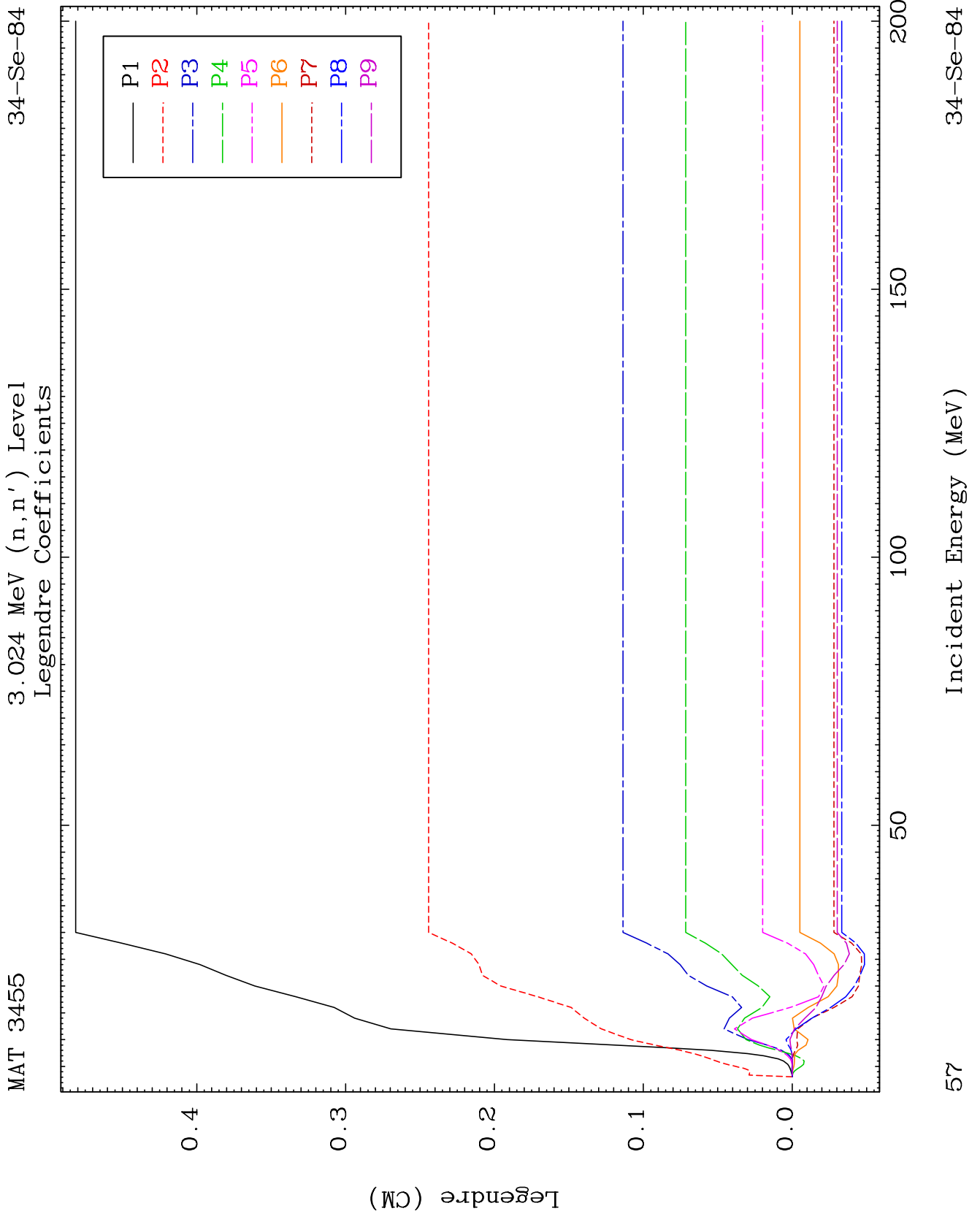
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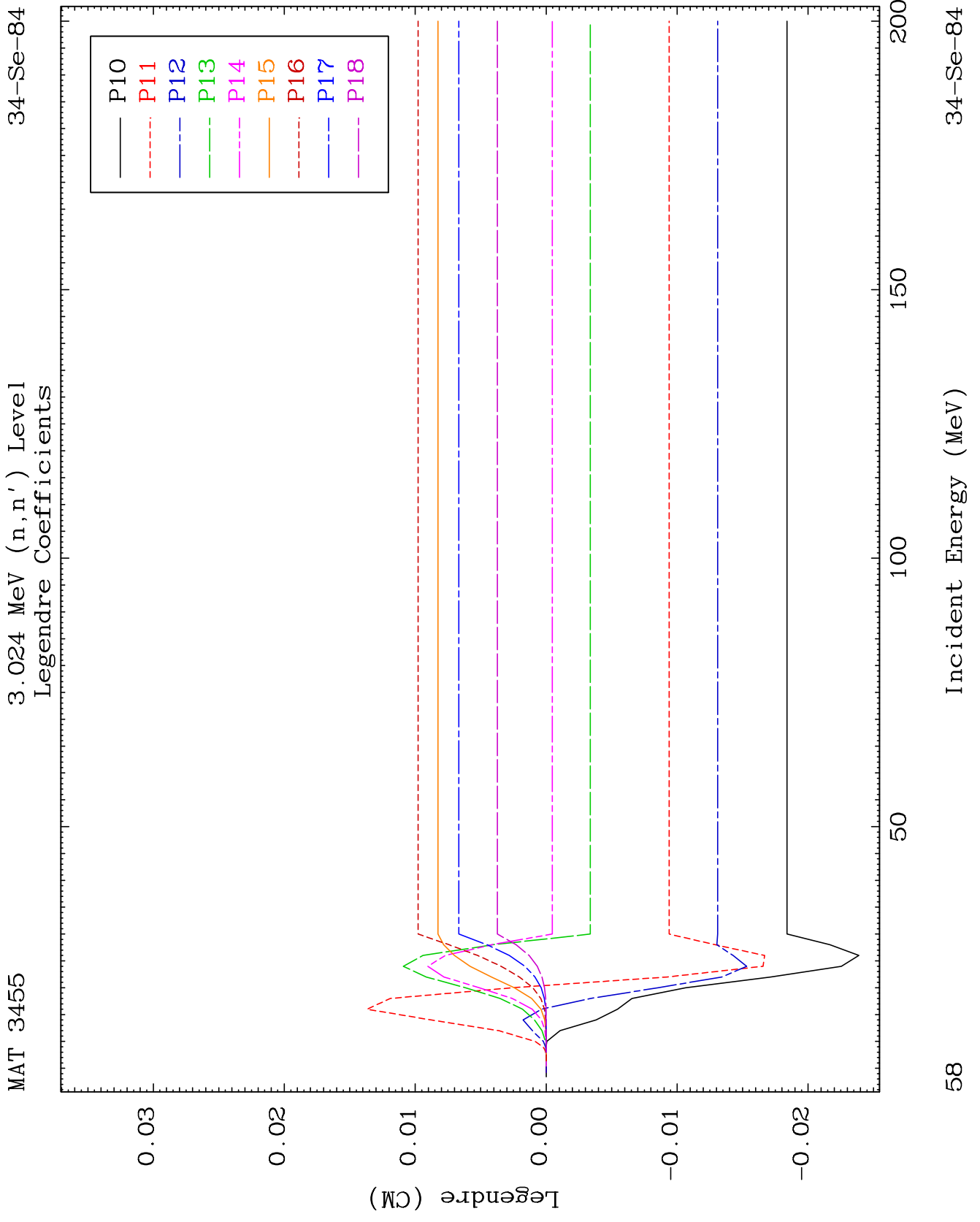
Incident Energy (MeV)

34-Se-84





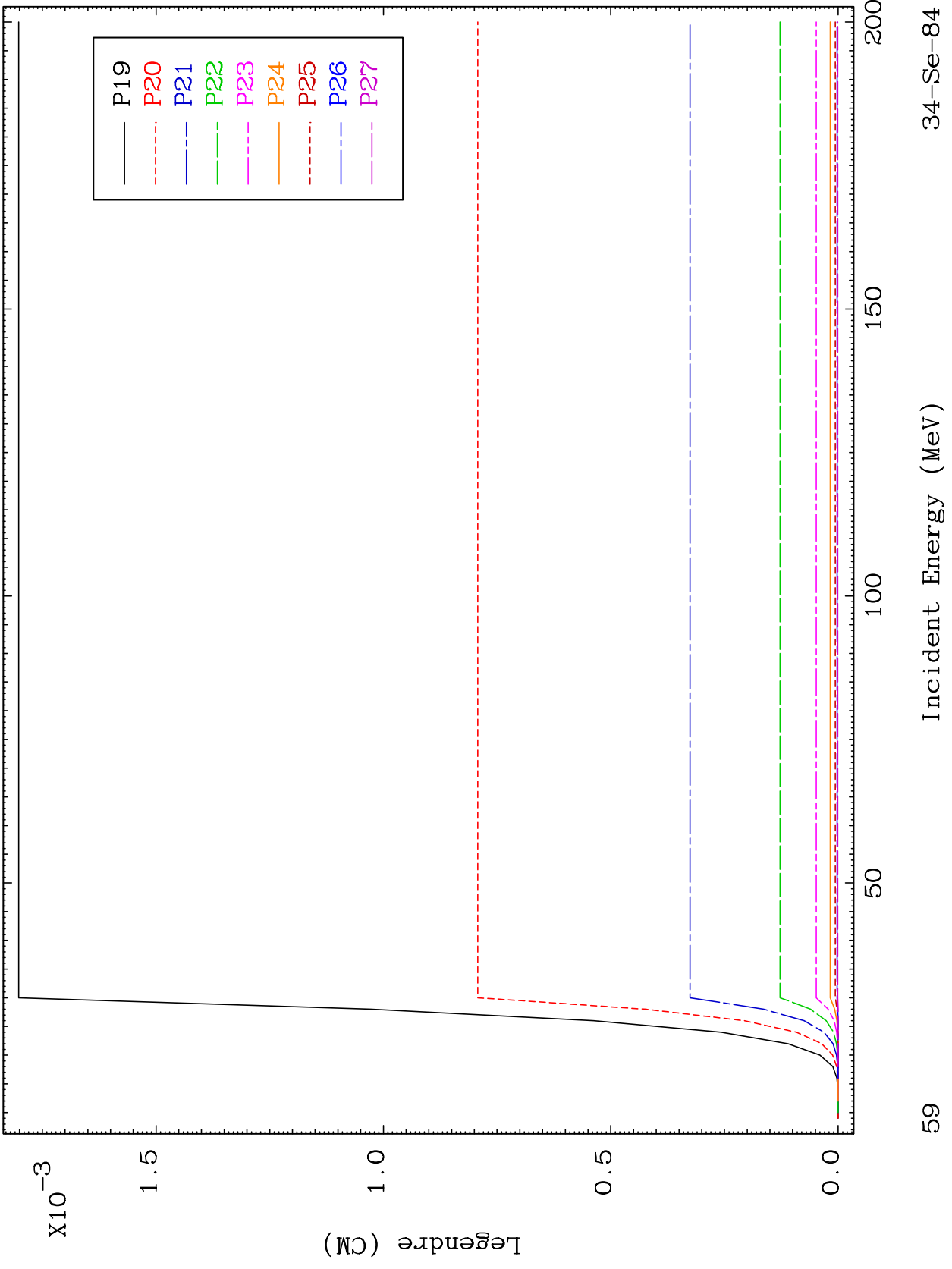




MAT 3455

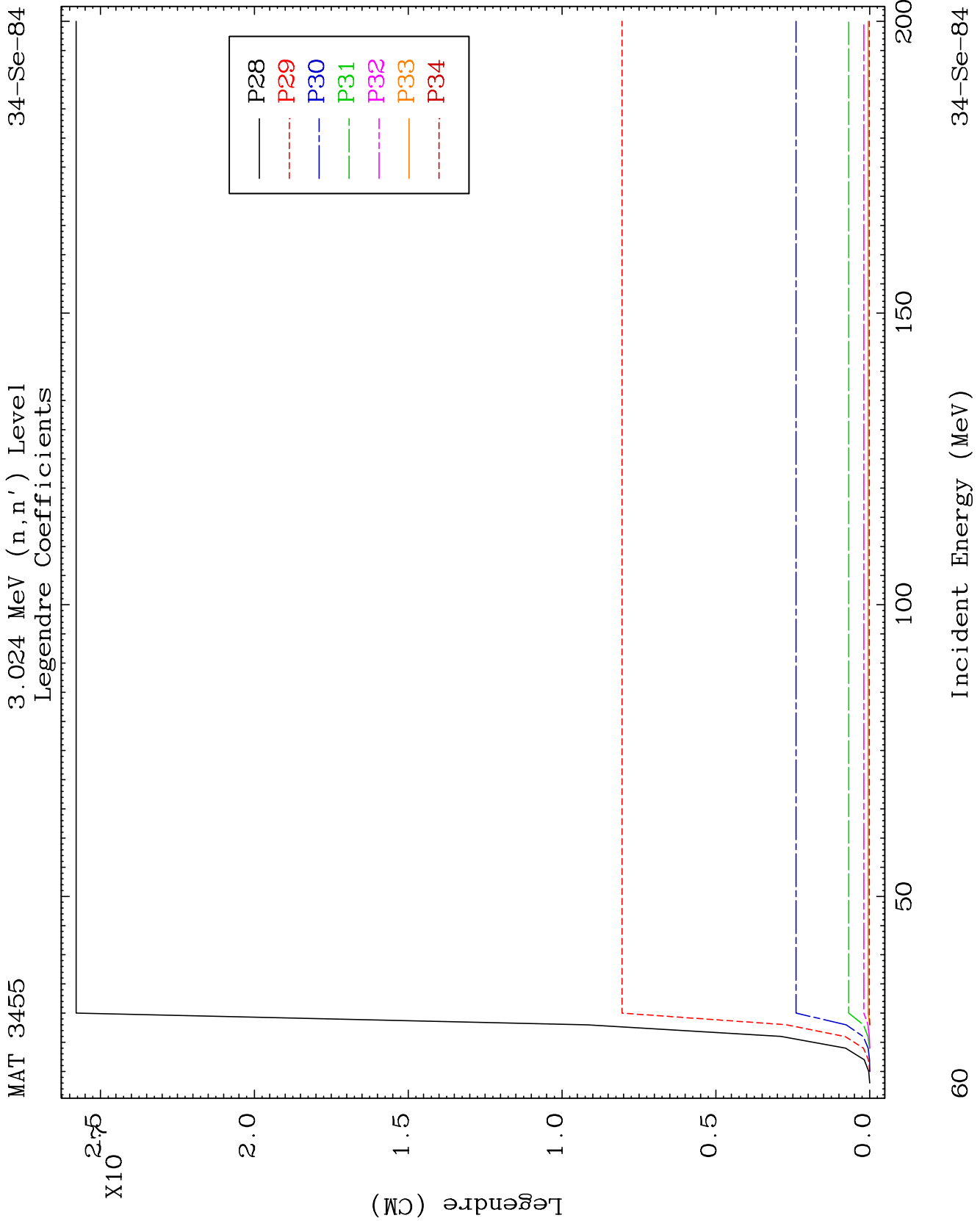
3.024 MeV (n,n') Level  
Legendre Coefficients

34-Se-84



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34-Se-84

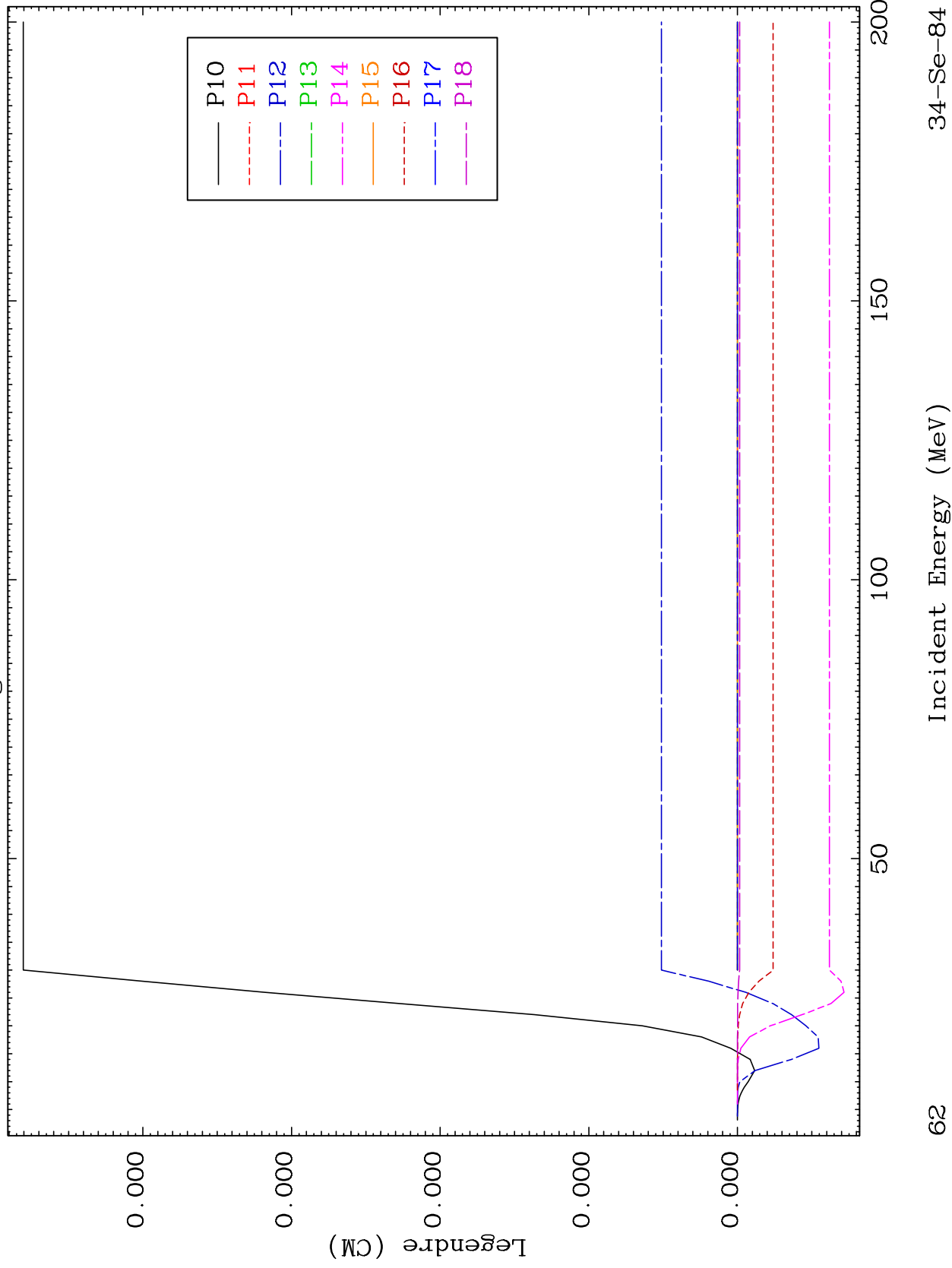




MAT 3455

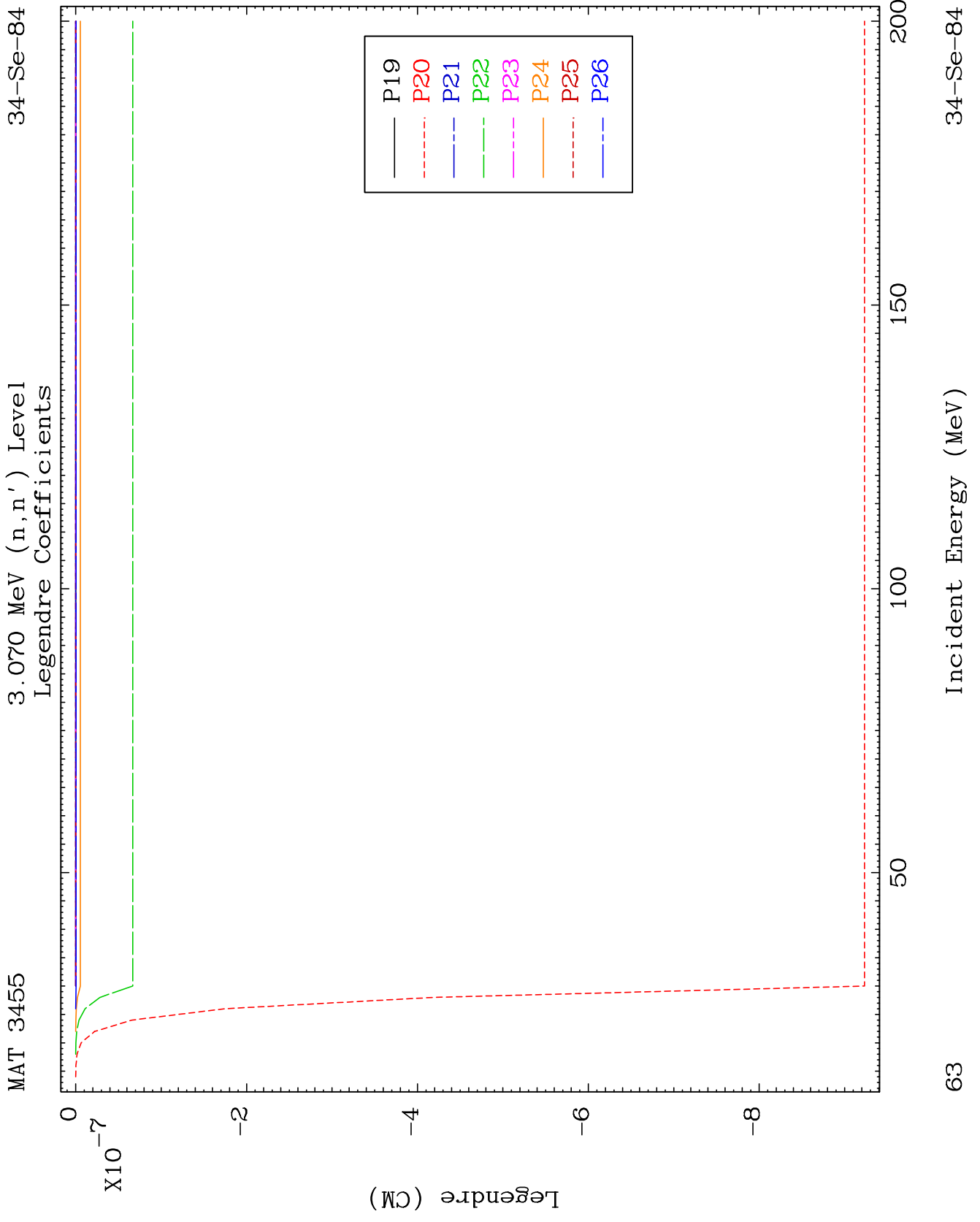
3.070 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84

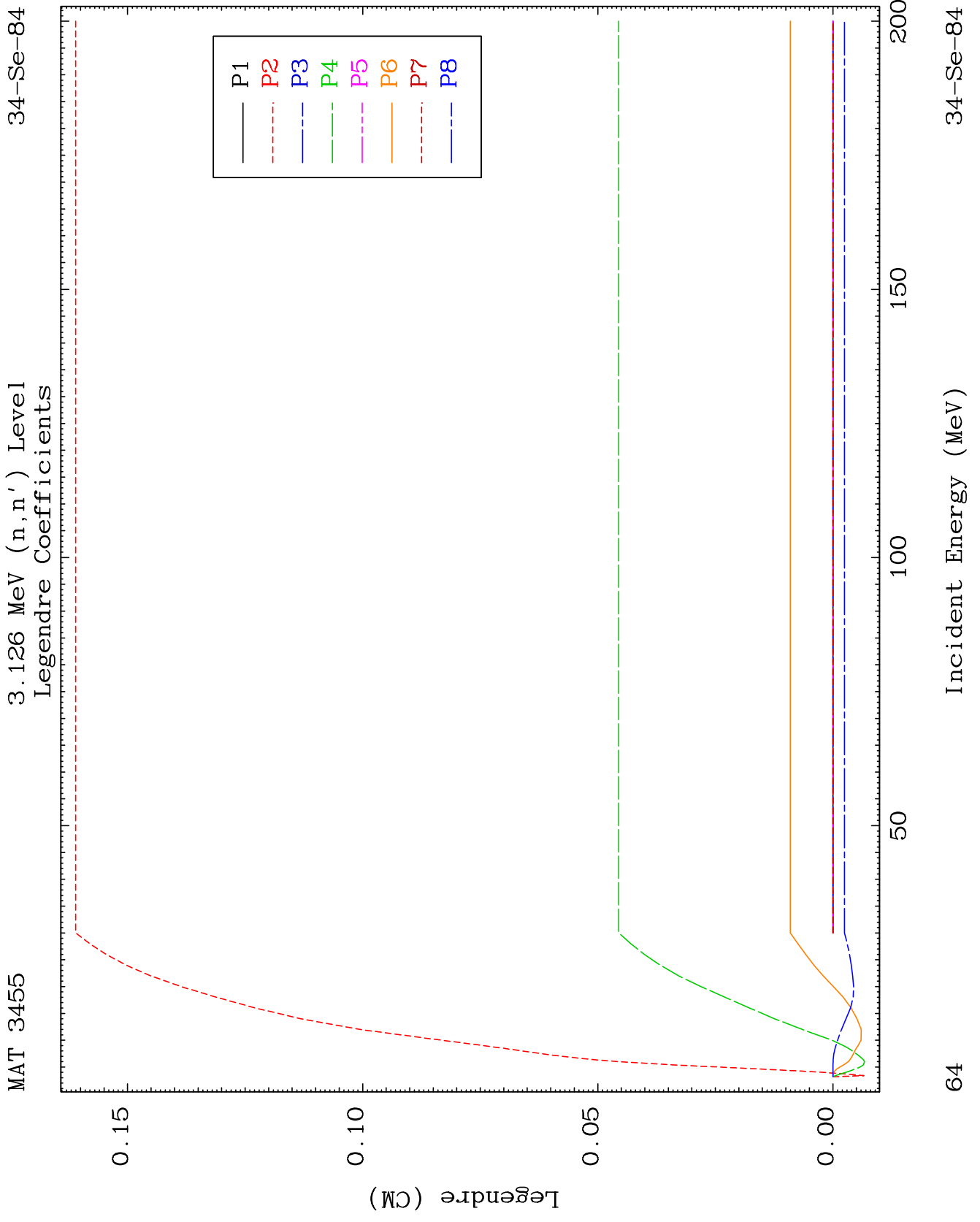


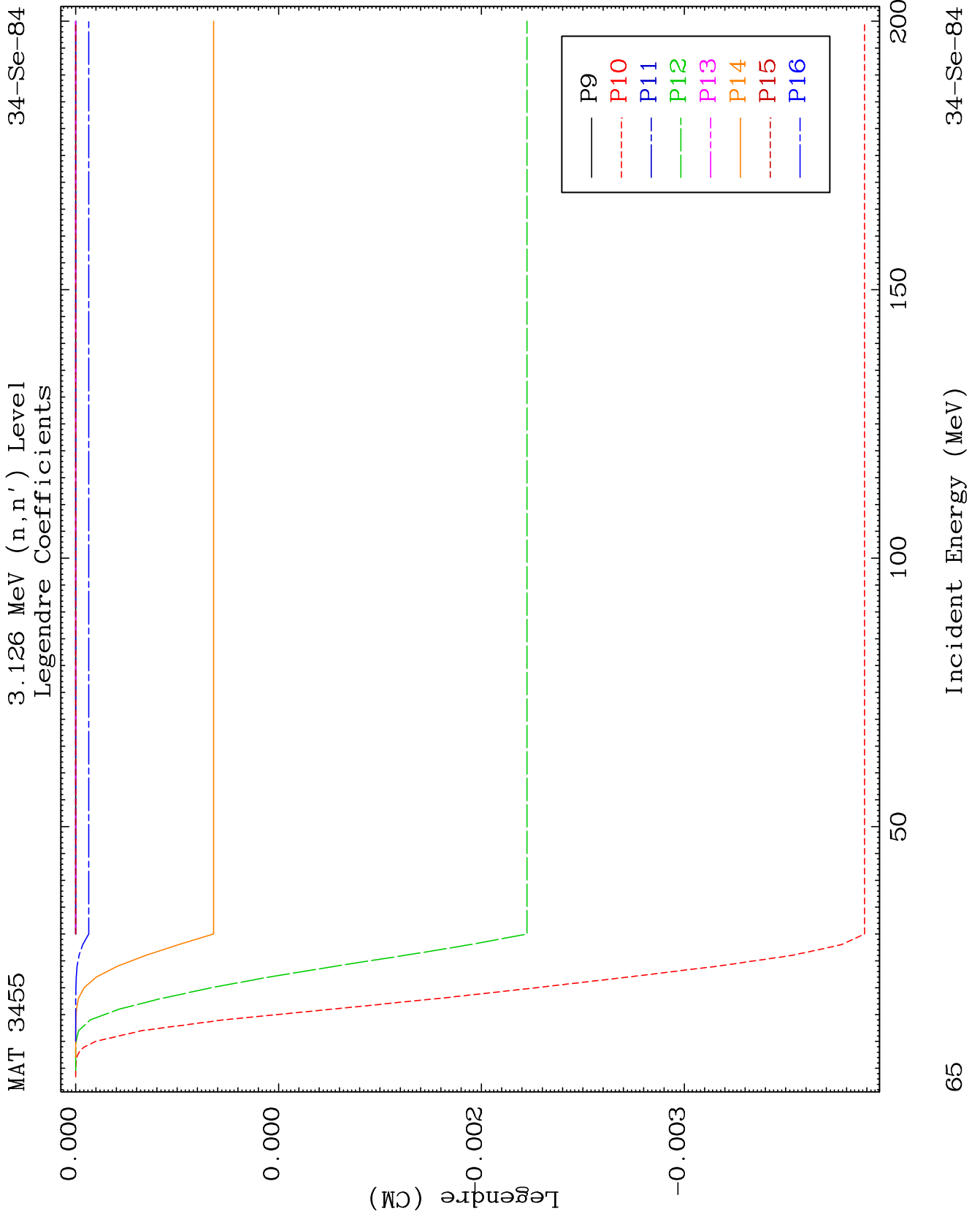
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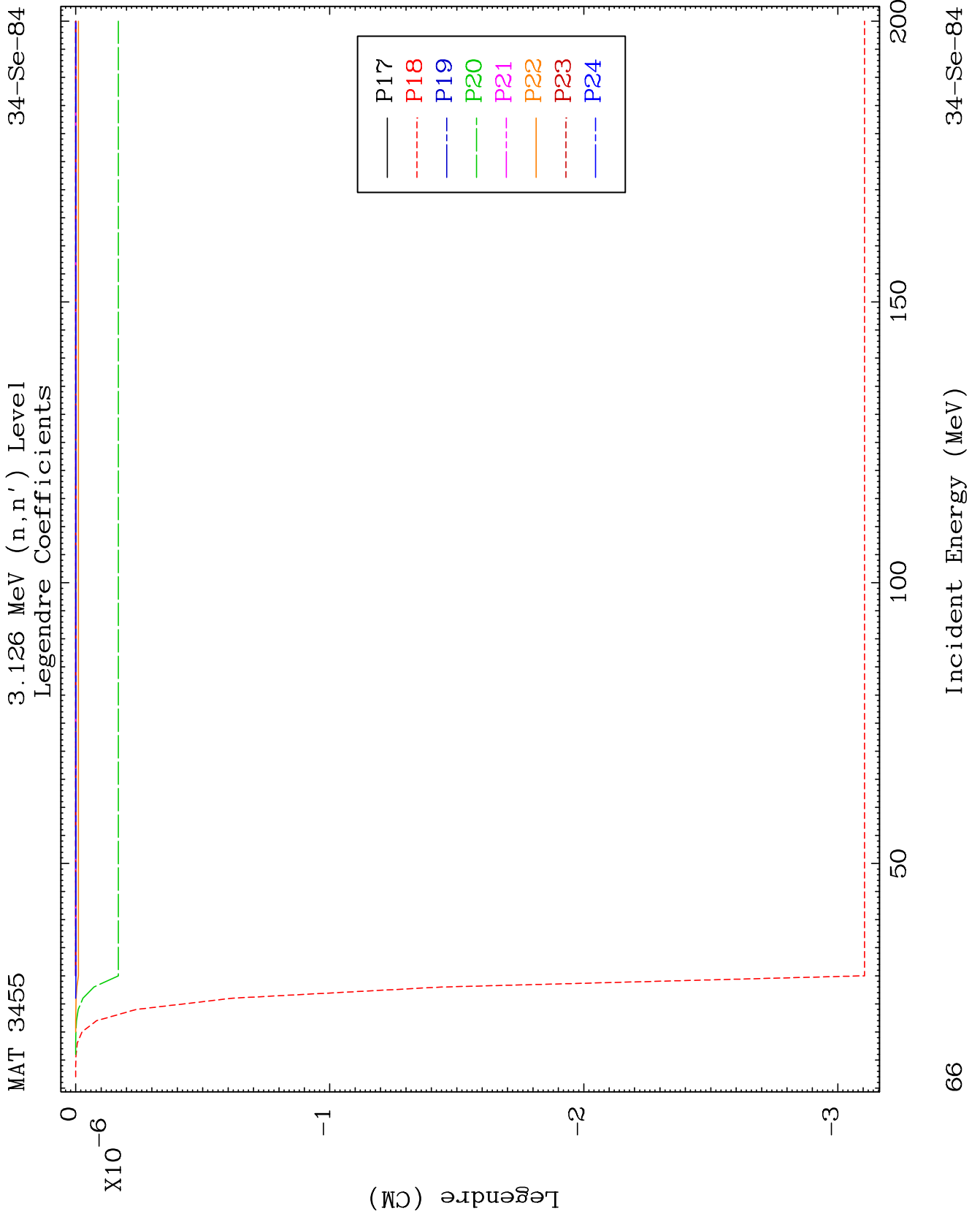
<sup>34</sup>Se-84

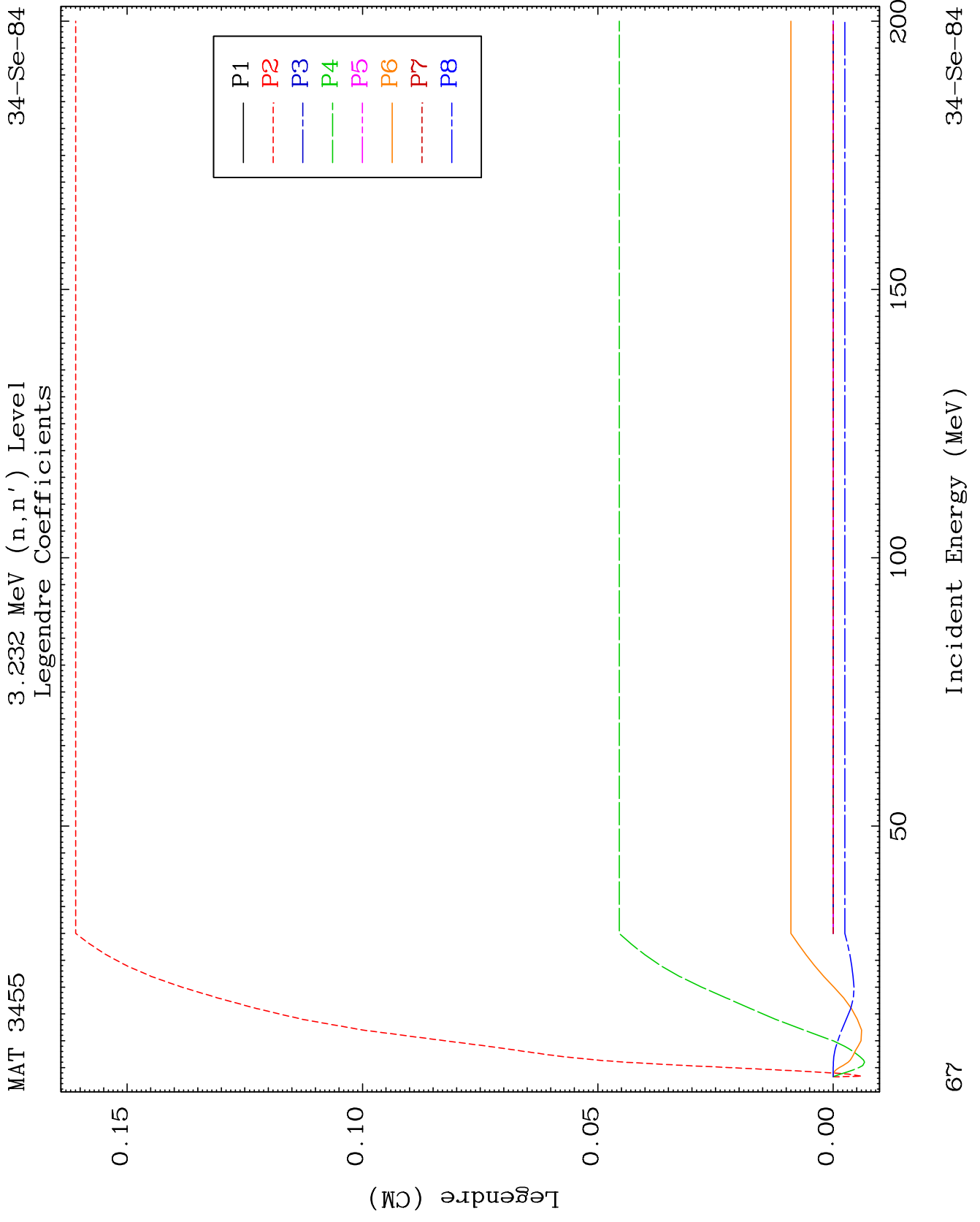


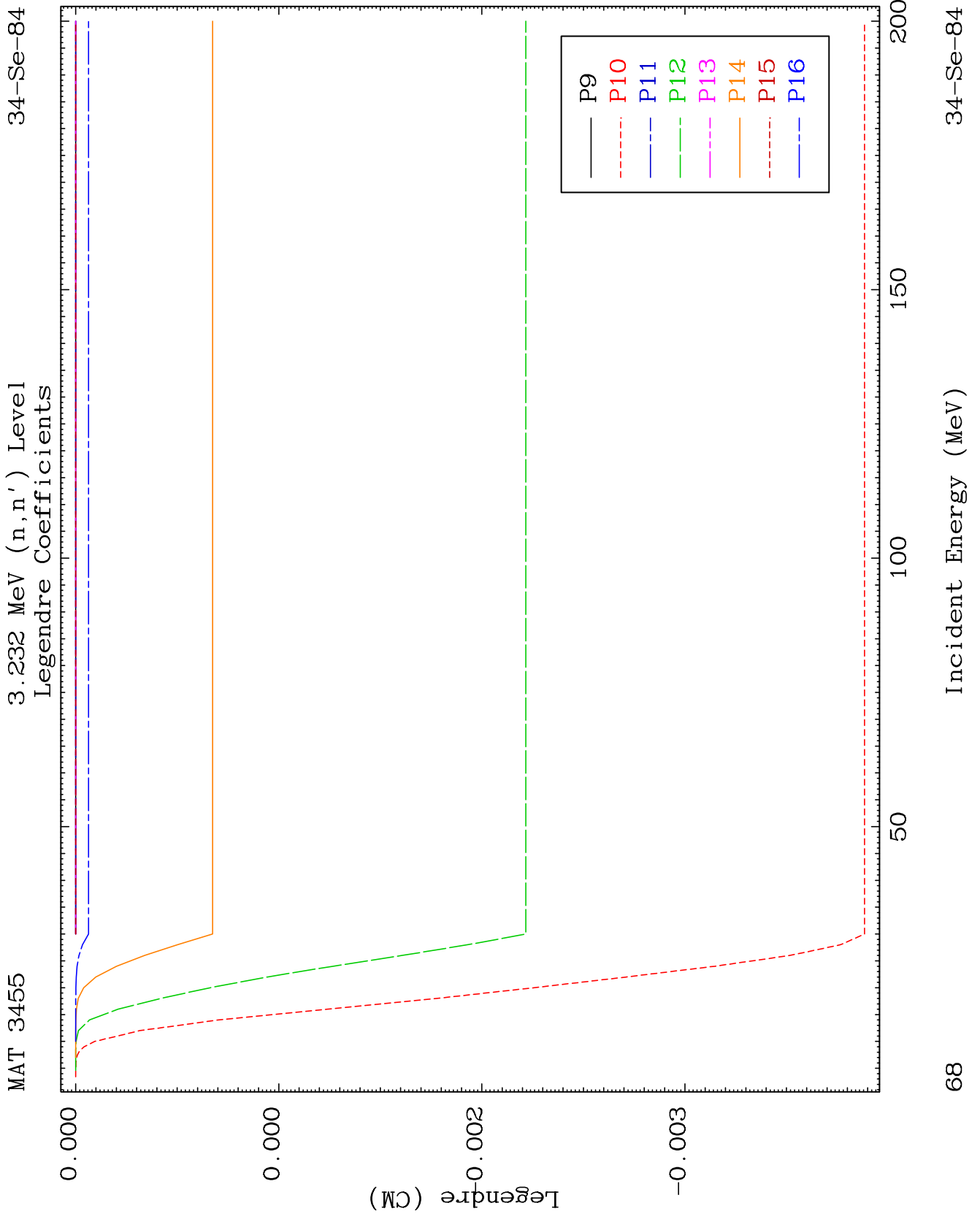




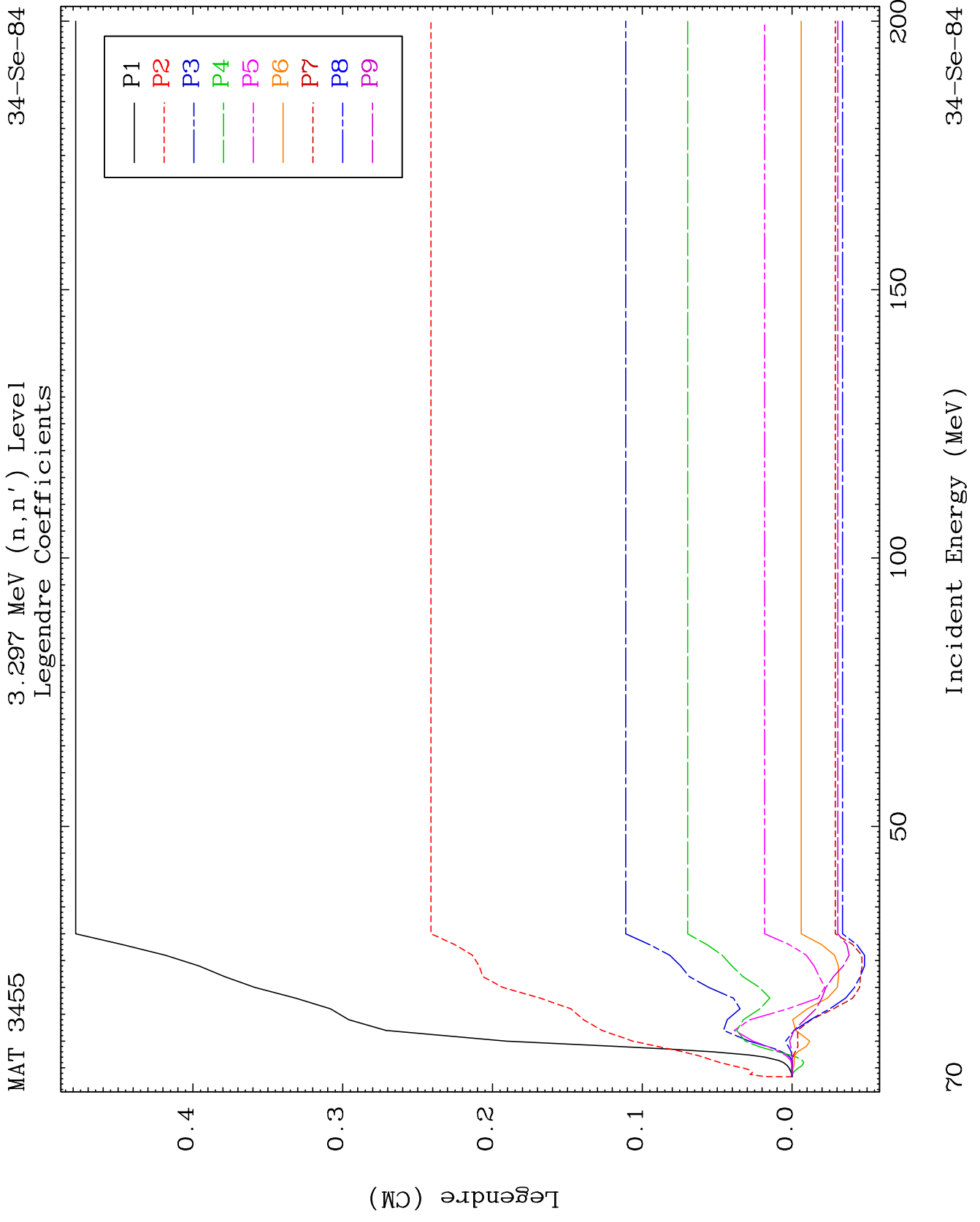








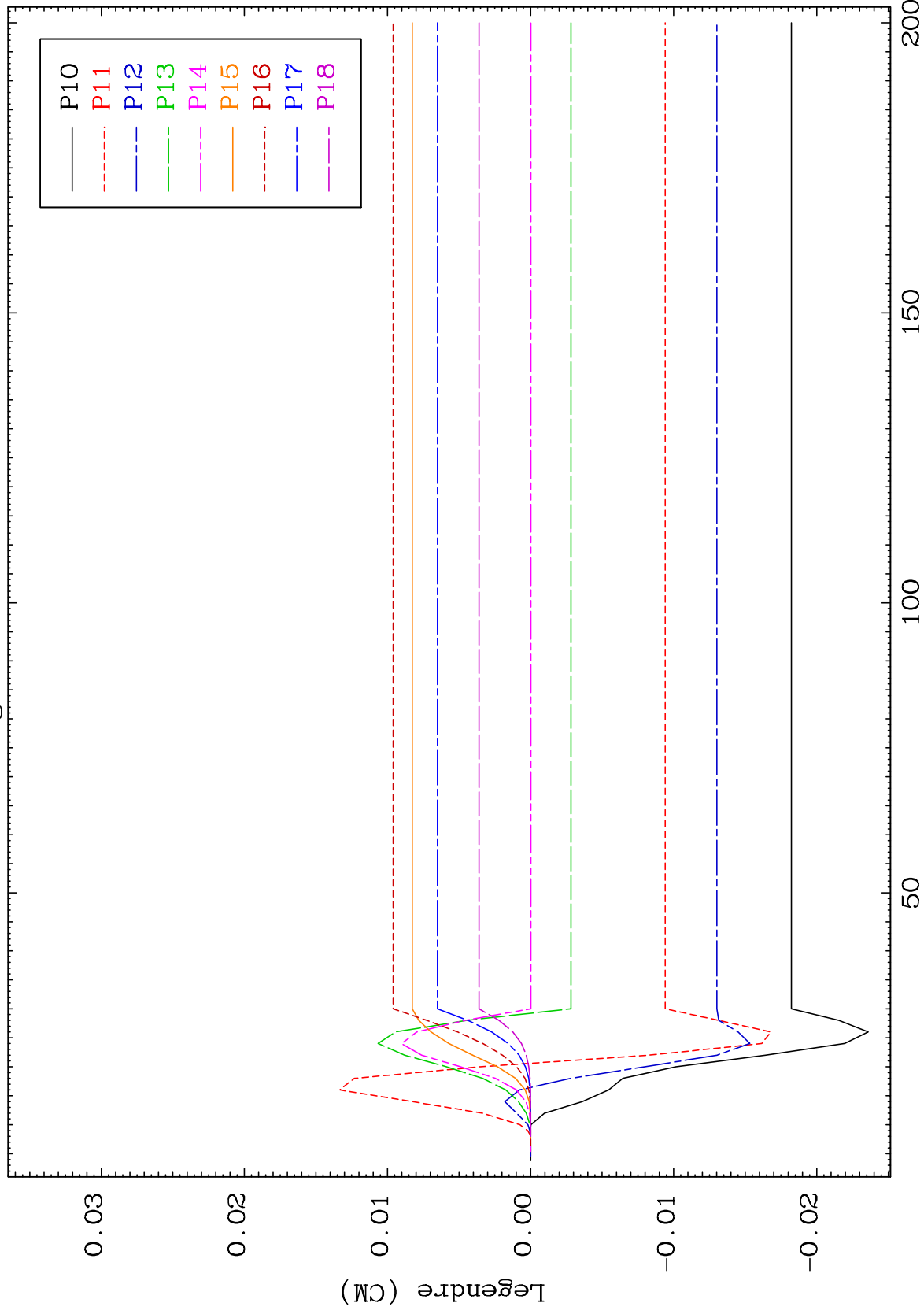




MAT 3455

3.297 MeV (n,n') Level  
Legendre Coefficients

34-Se-84



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Incident Energy (MeV)

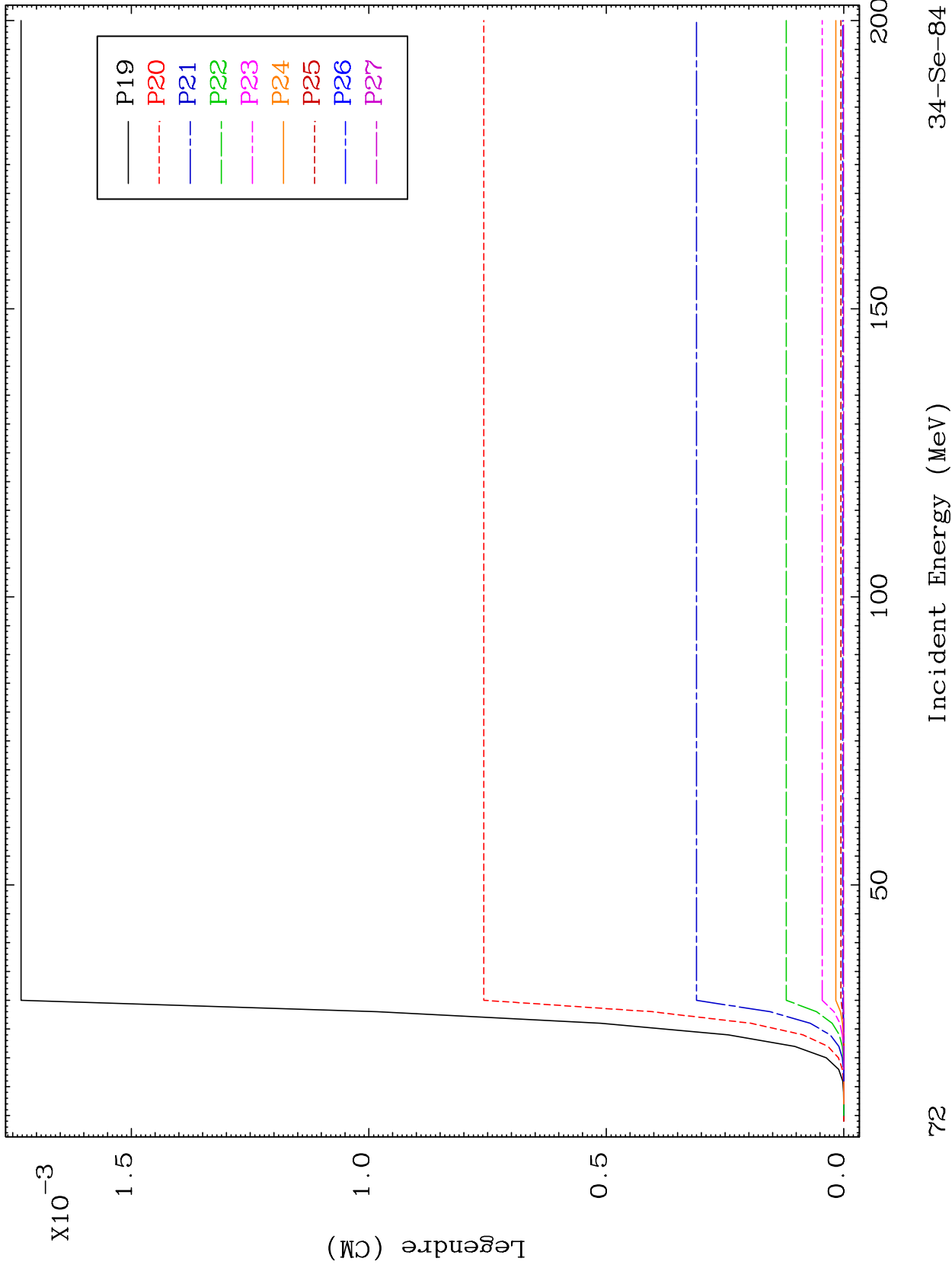
34-Se-84



MAT 3455

3.297 MeV (n,n') Level  
Legendre Coefficients

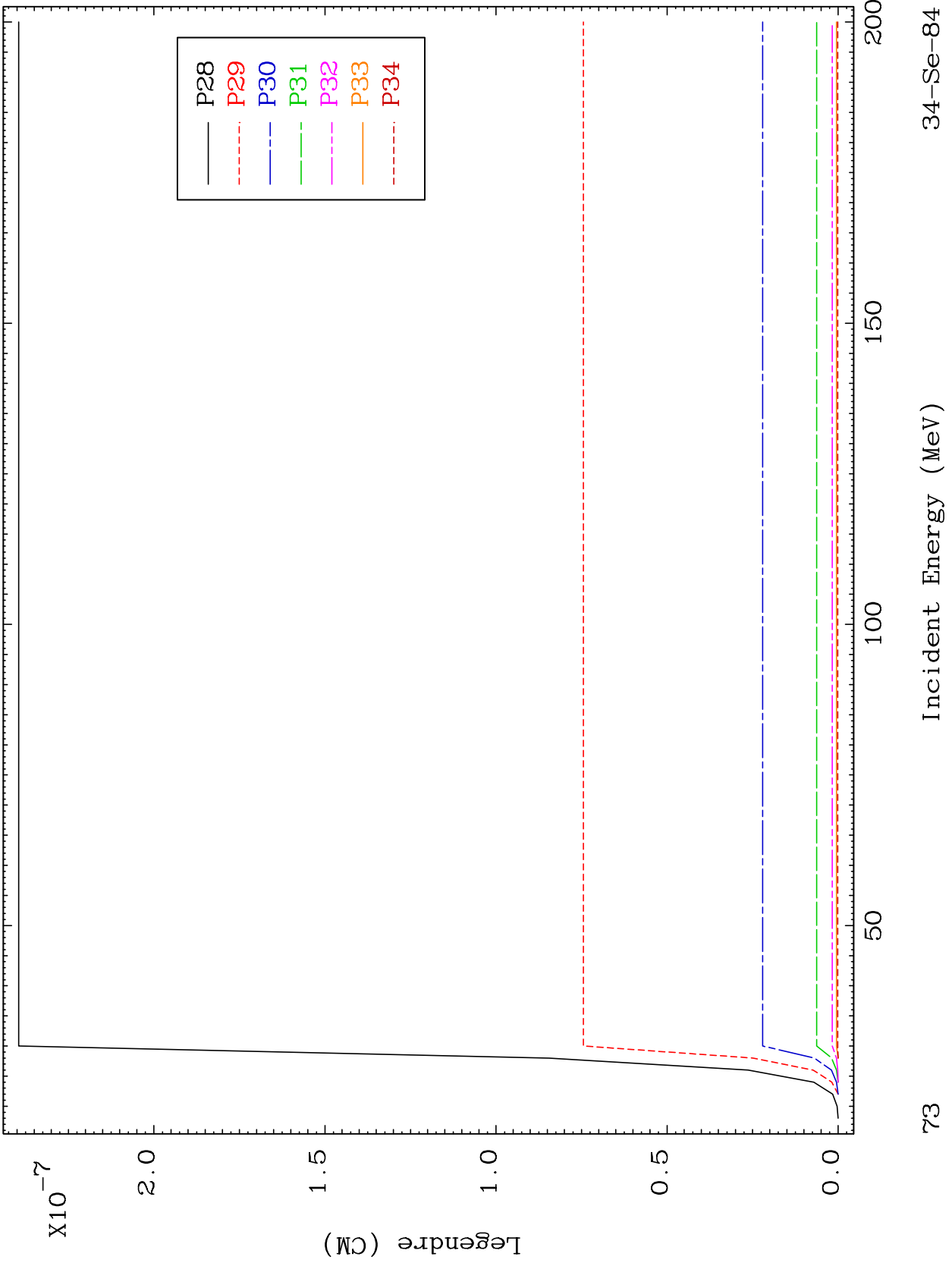
34-Se-84

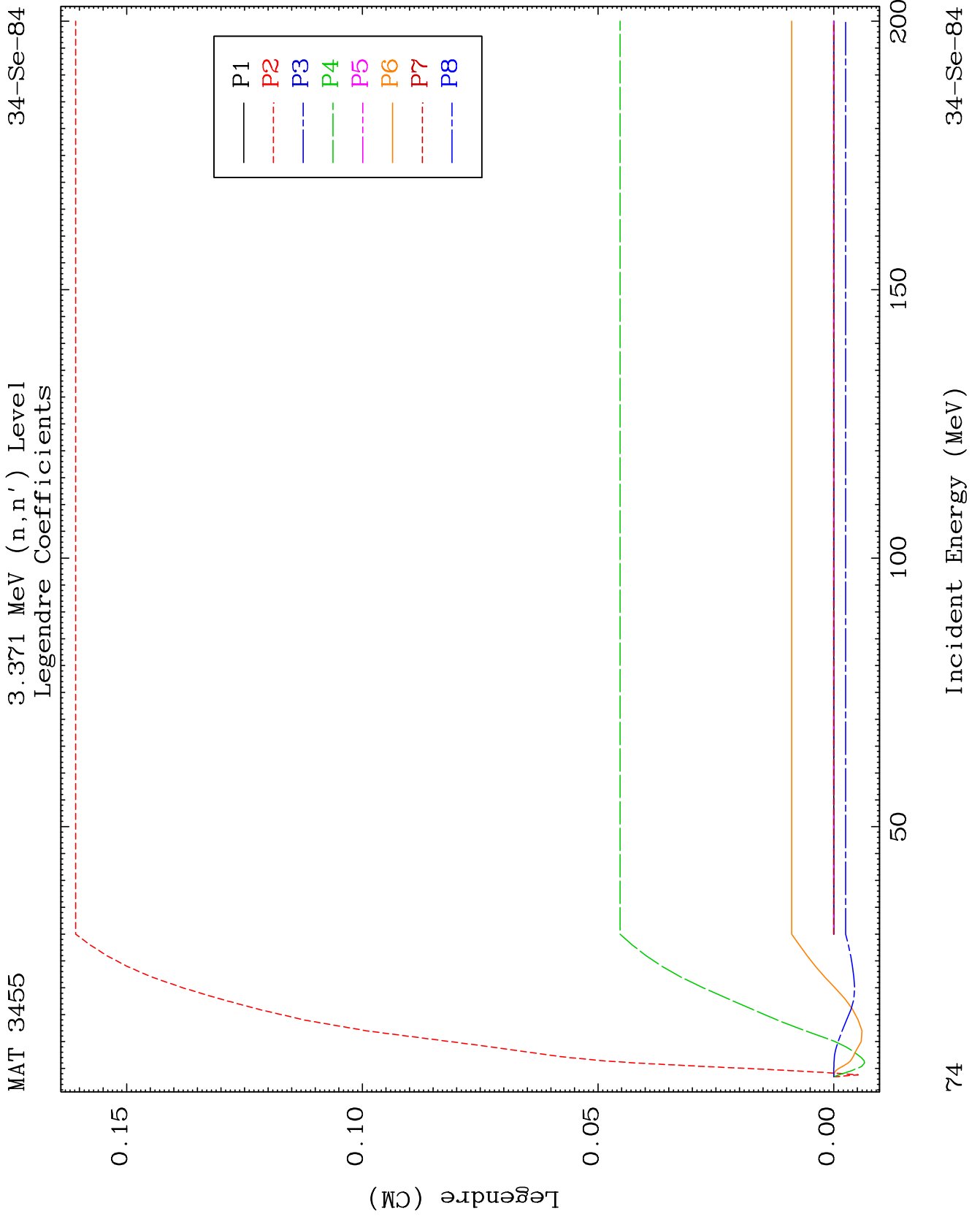


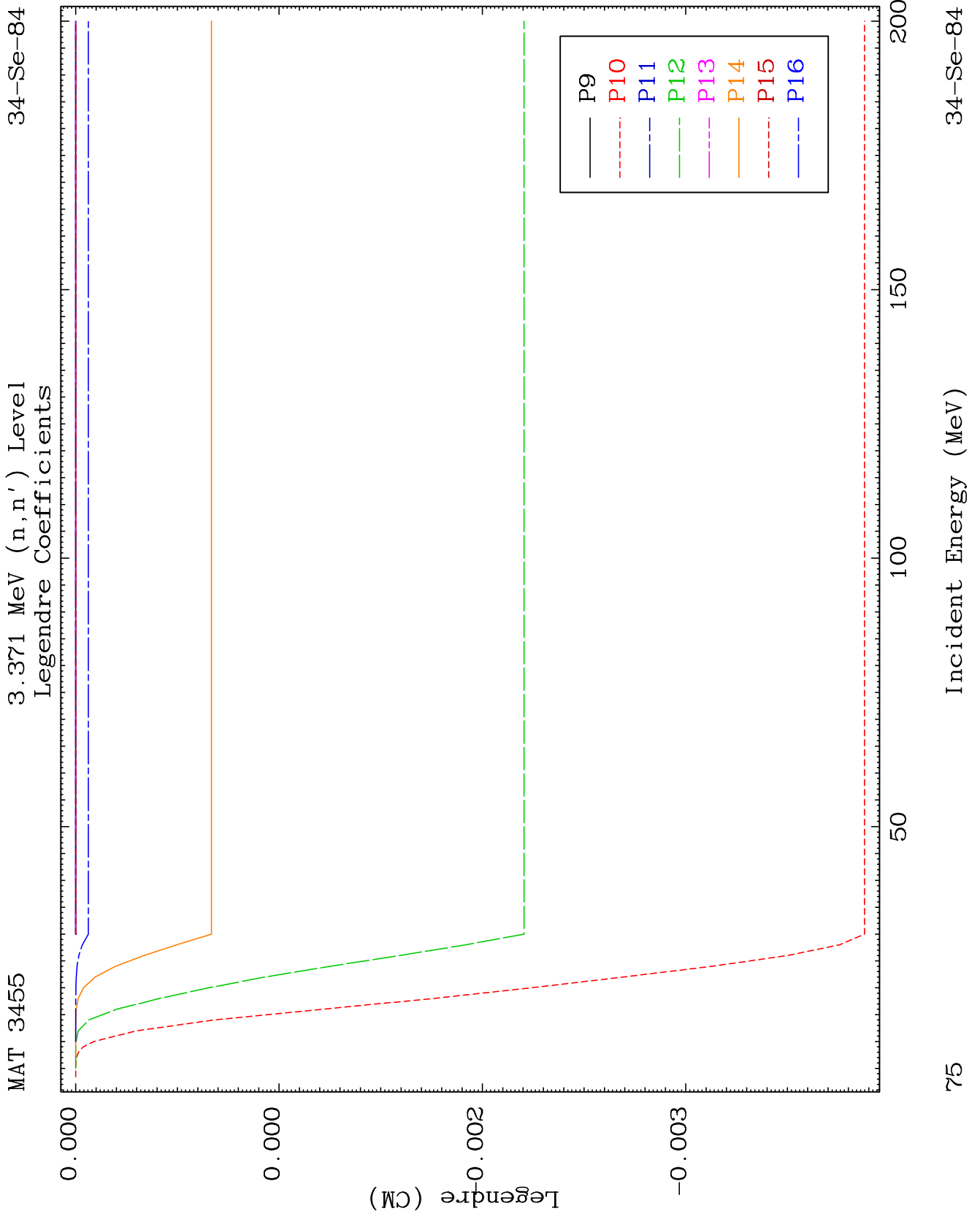
MAT 3455

3.297 MeV (n,n') Level  
Legendre Coefficients

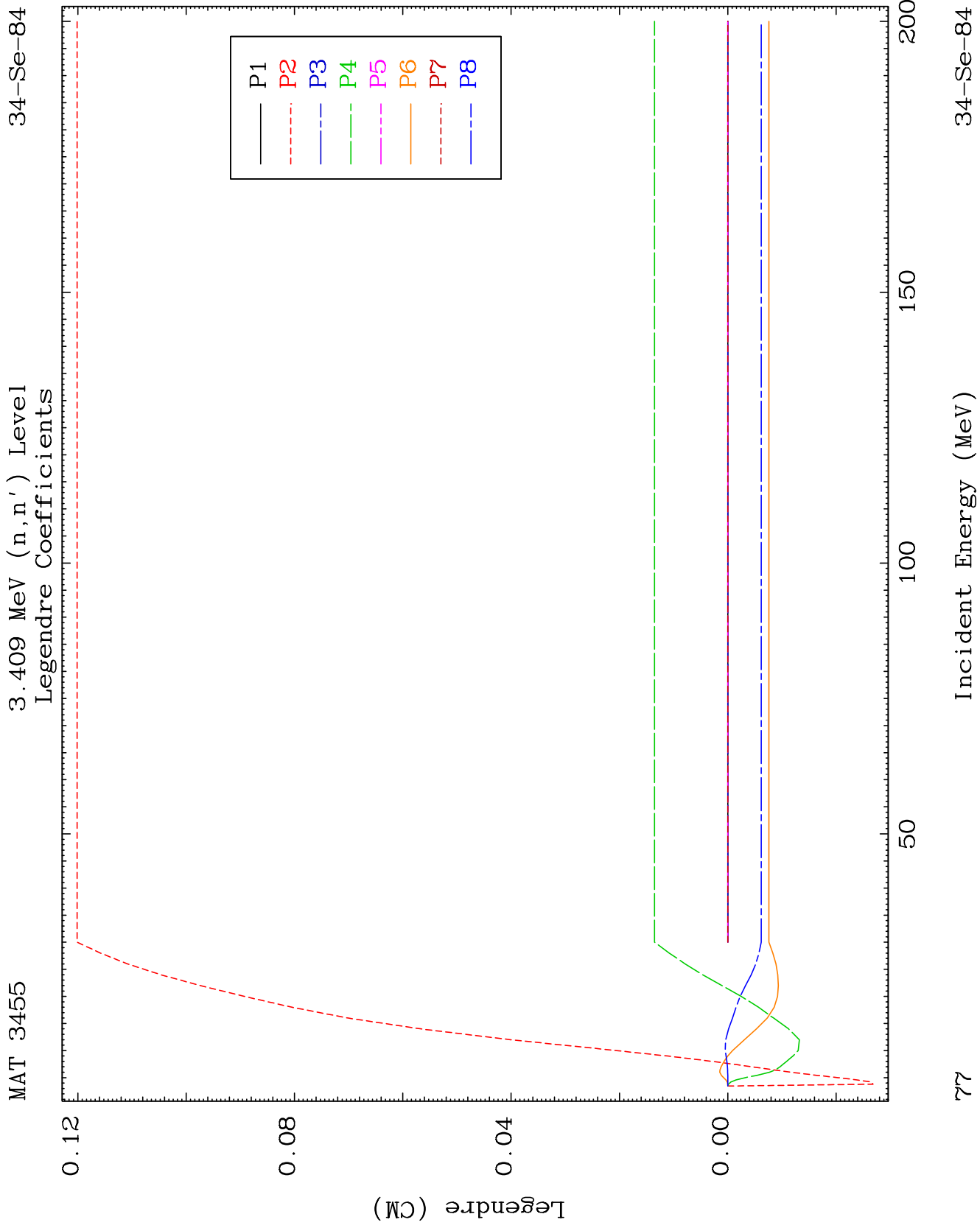
34-Se-84

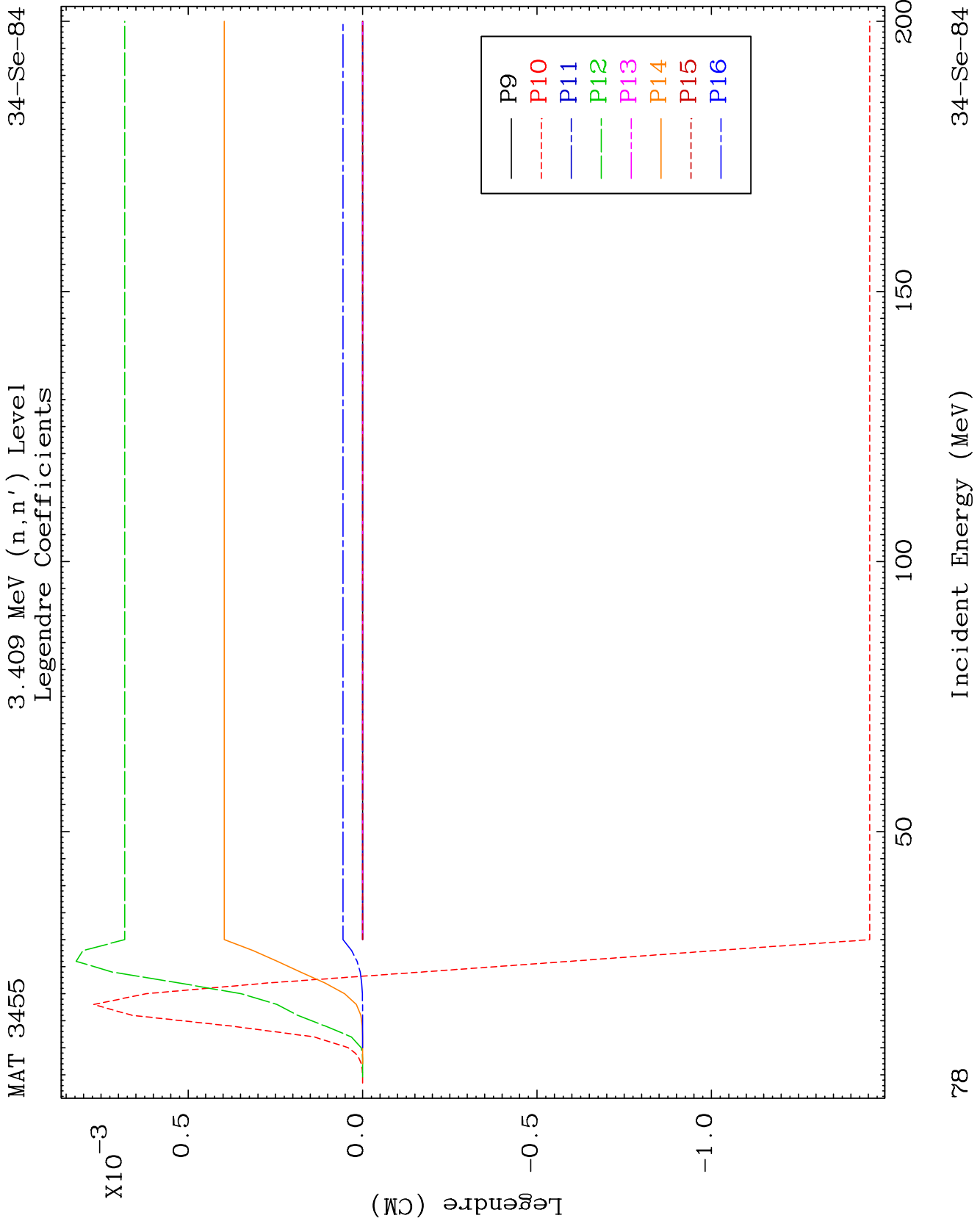


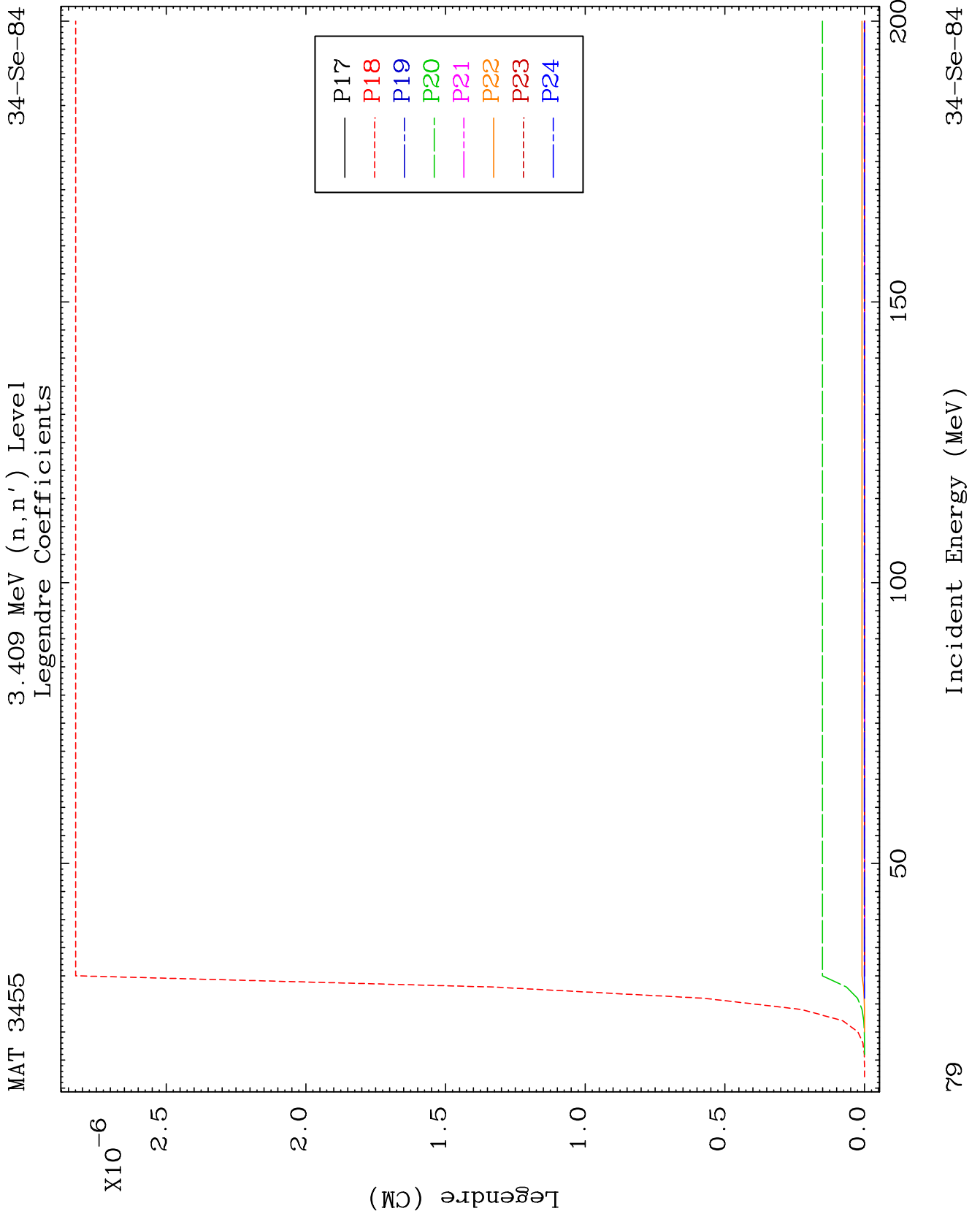










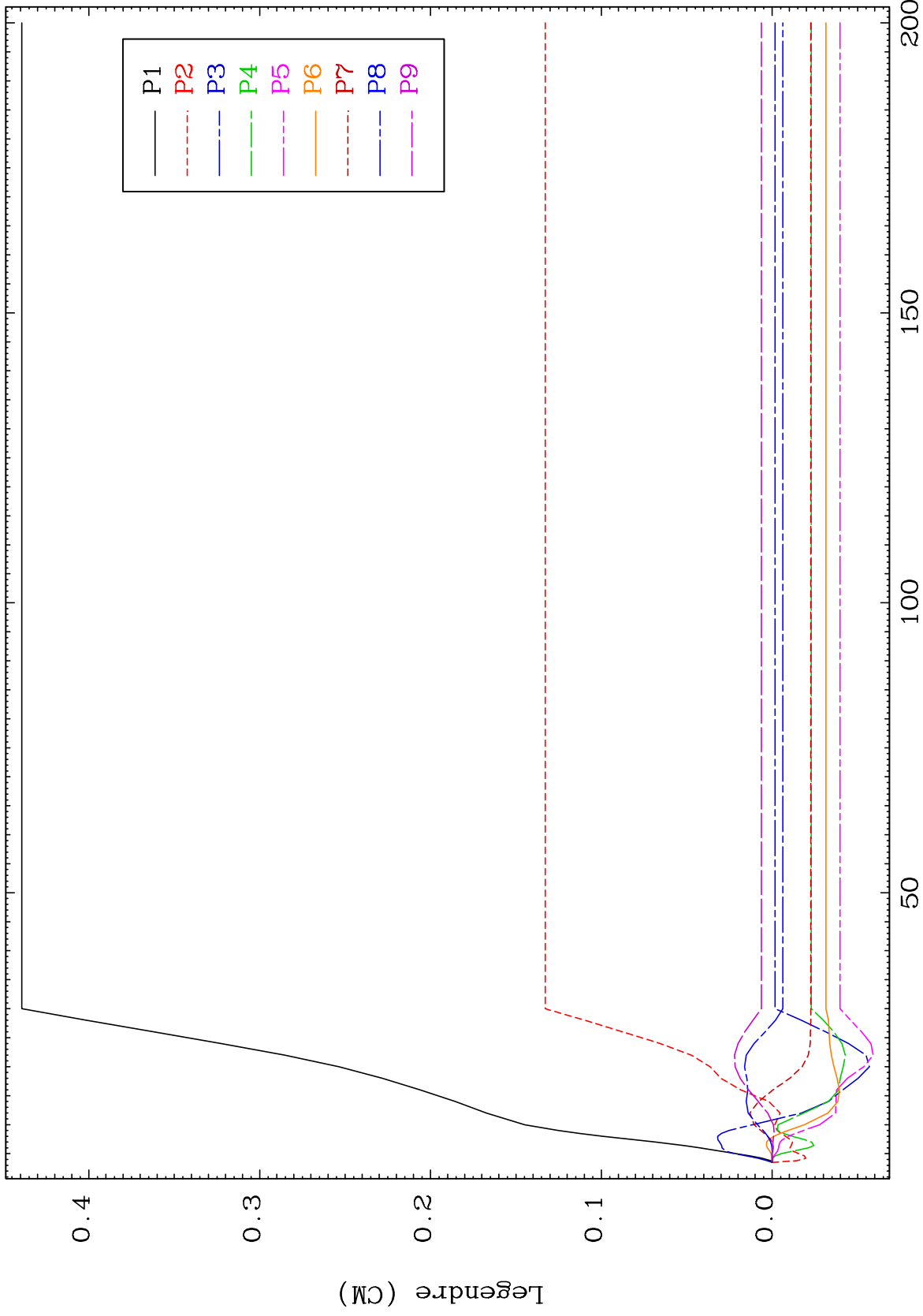




MAT 3455

3.439 MeV (n,n') Level  
Legendre Coefficients

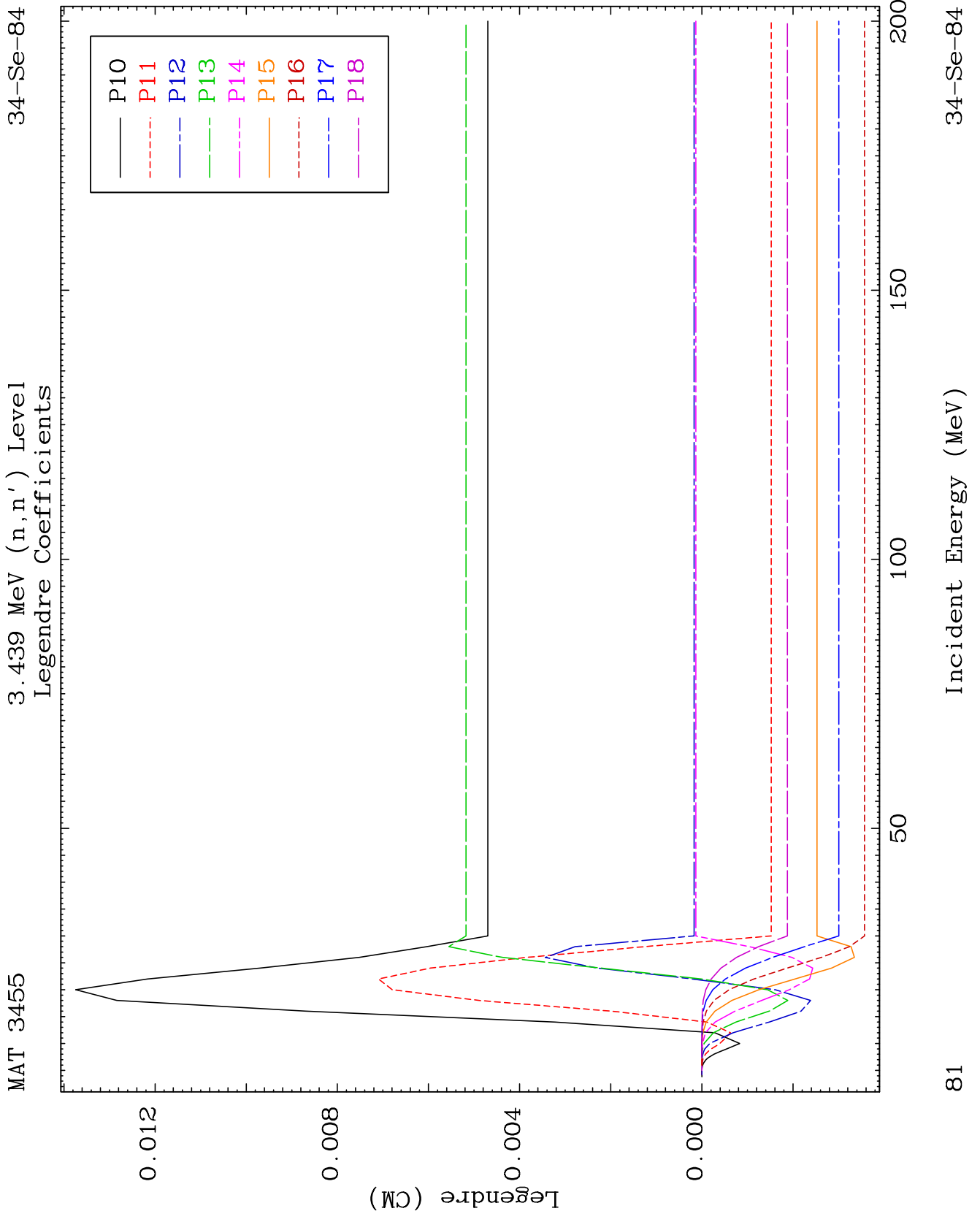
<sup>34</sup>Se-84

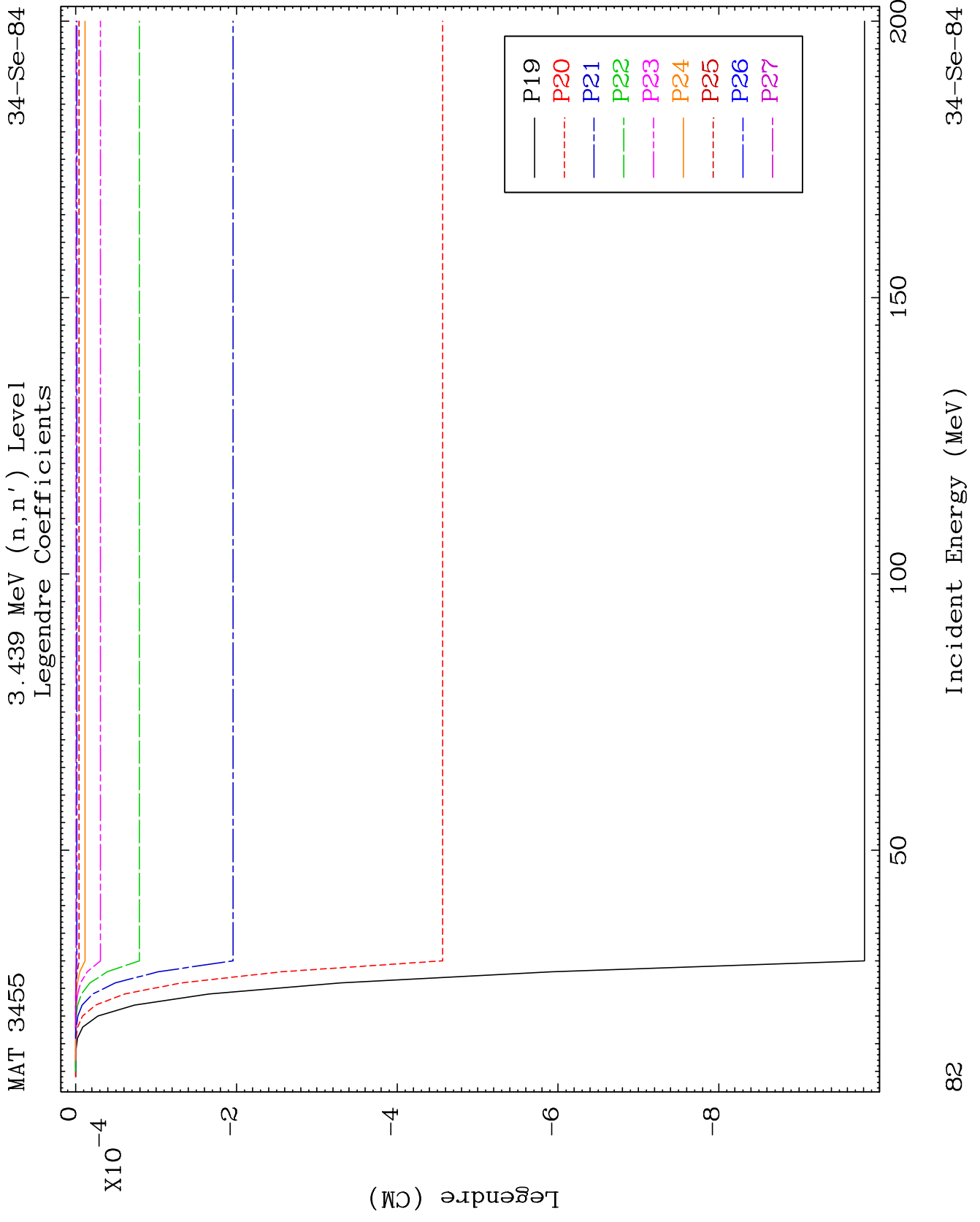


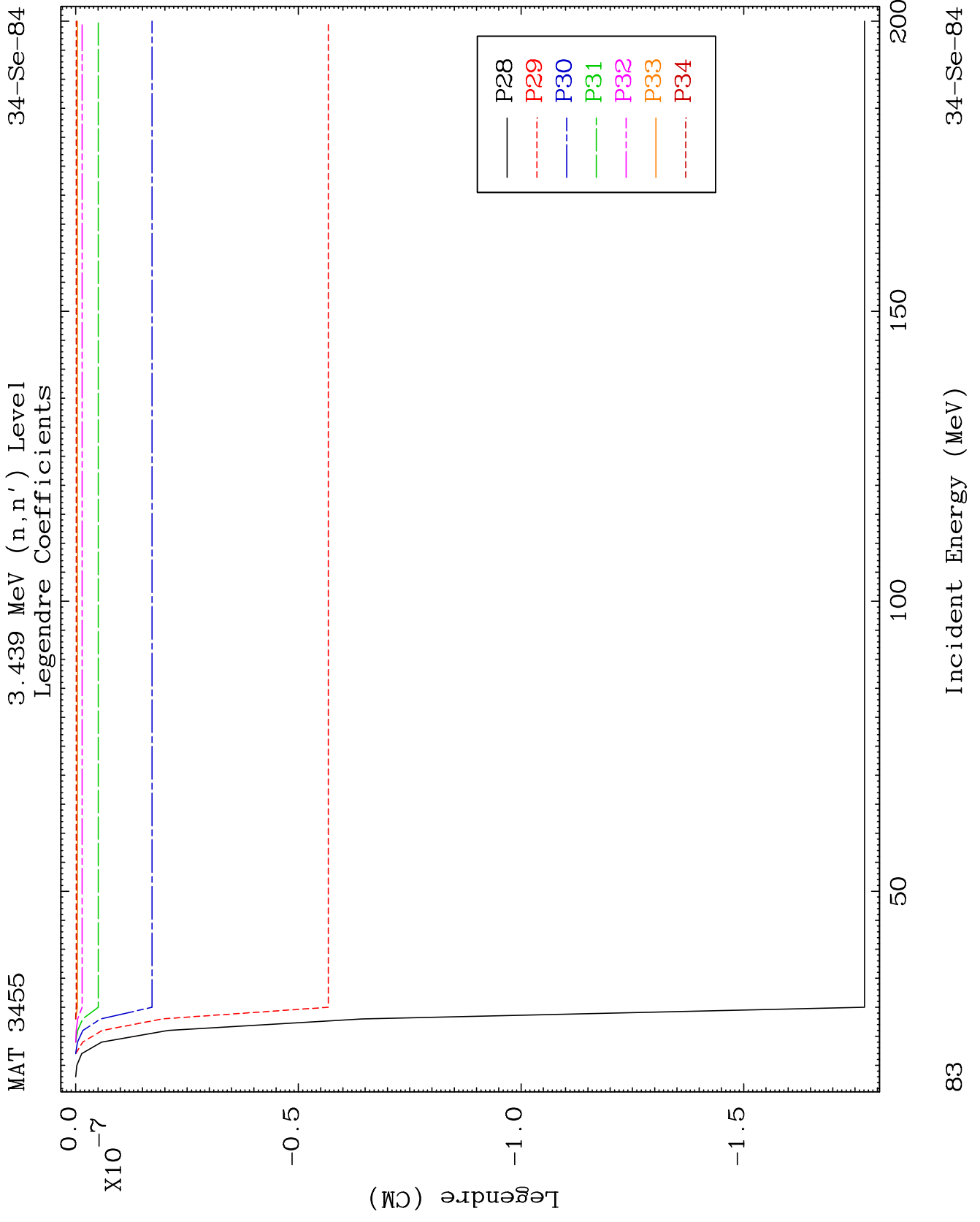
80

Incident Energy (MeV)

<sup>34</sup>Se-84



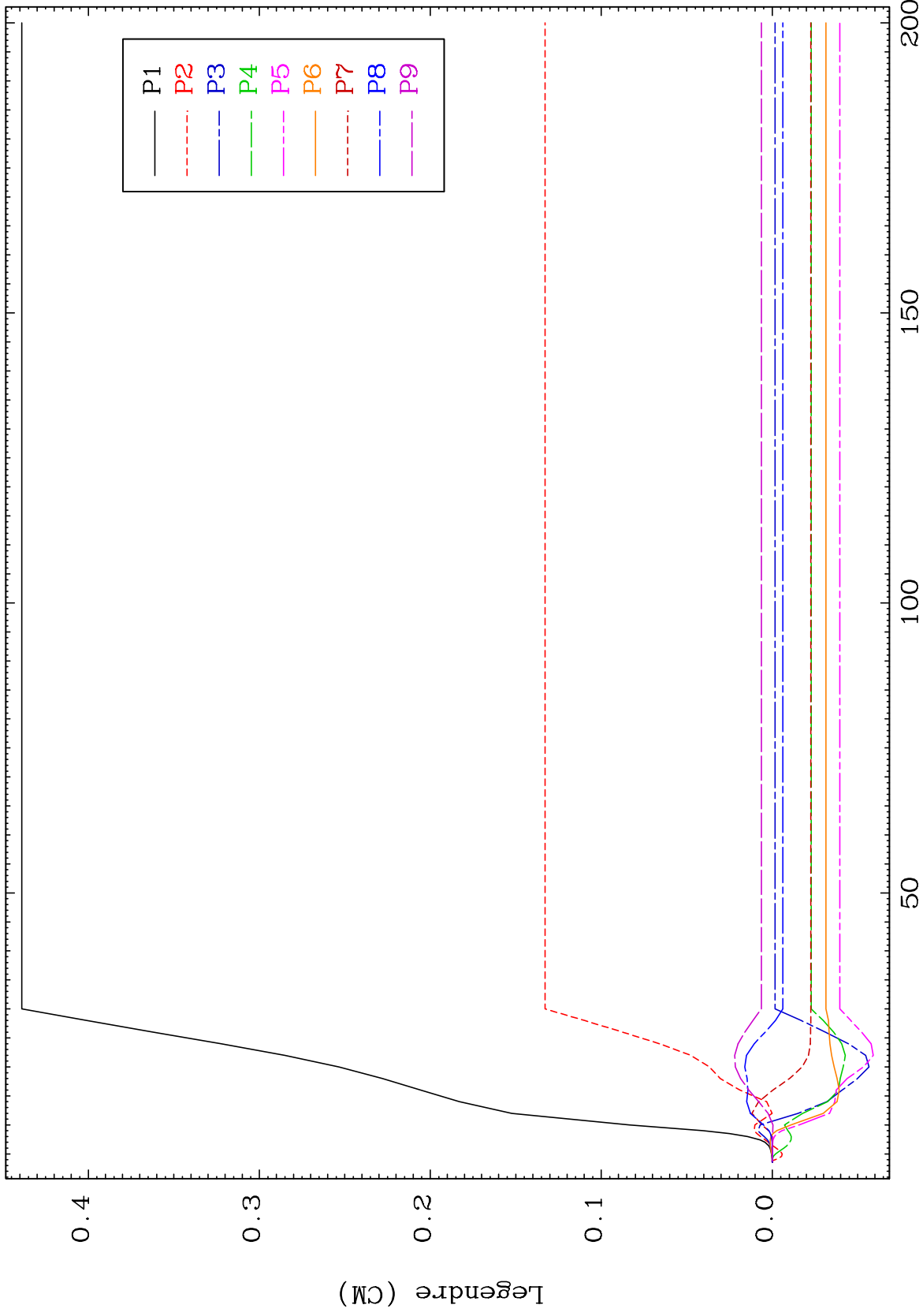




MAT 3455

3.482 MeV (n,n') Level  
Legendre Coefficients

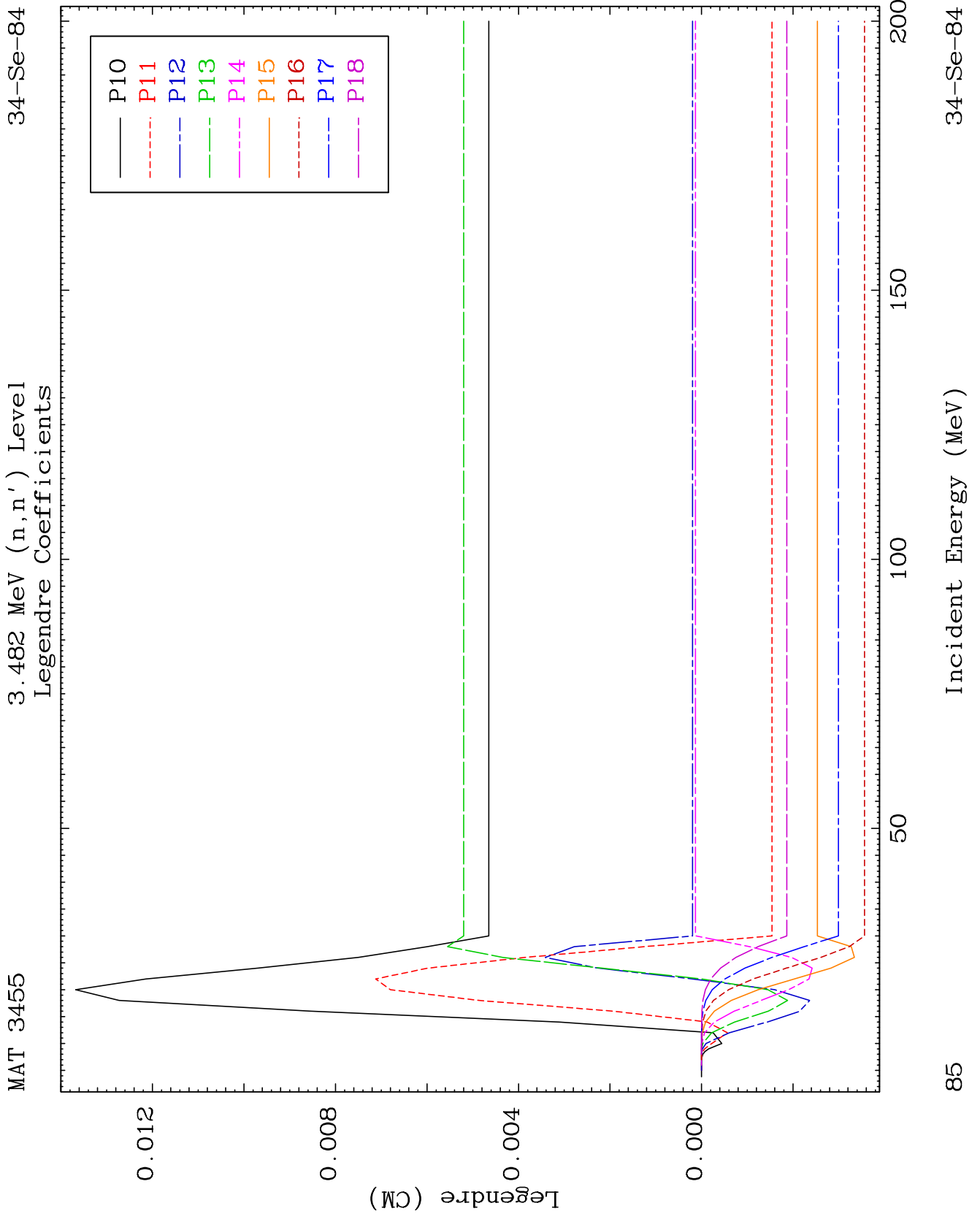
<sup>34</sup>Se-84

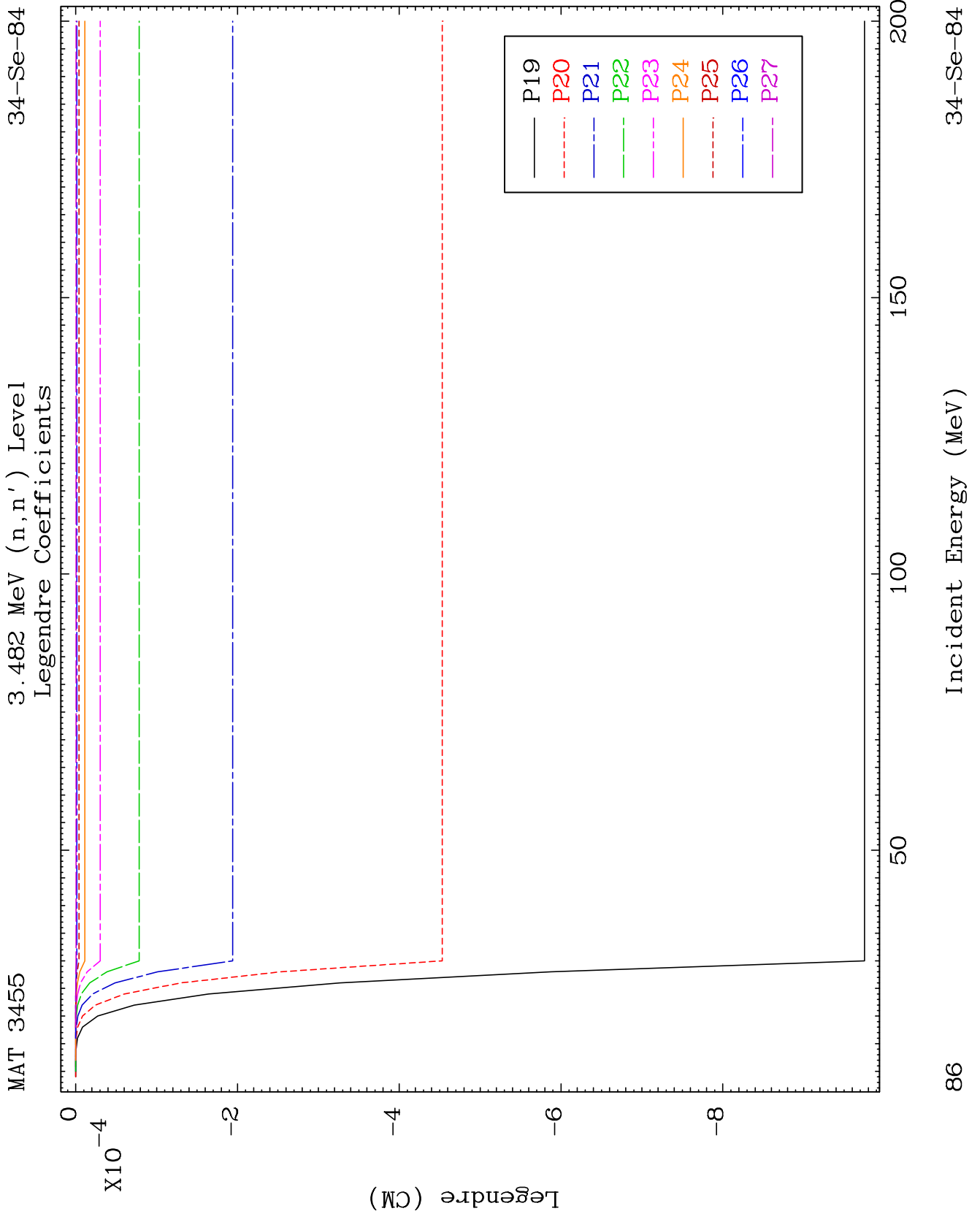


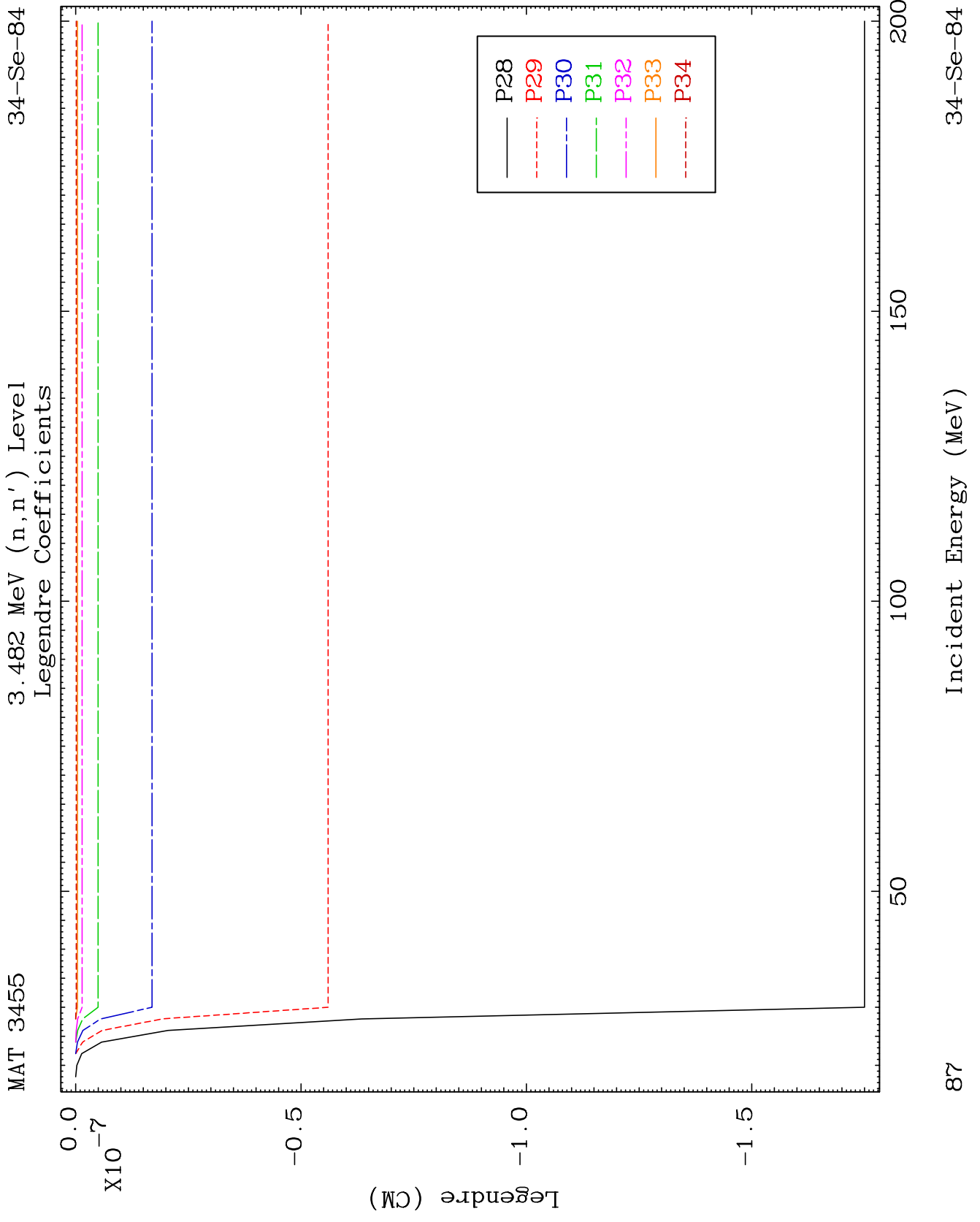
84

Incident Energy (MeV)

<sup>34</sup>Se-84





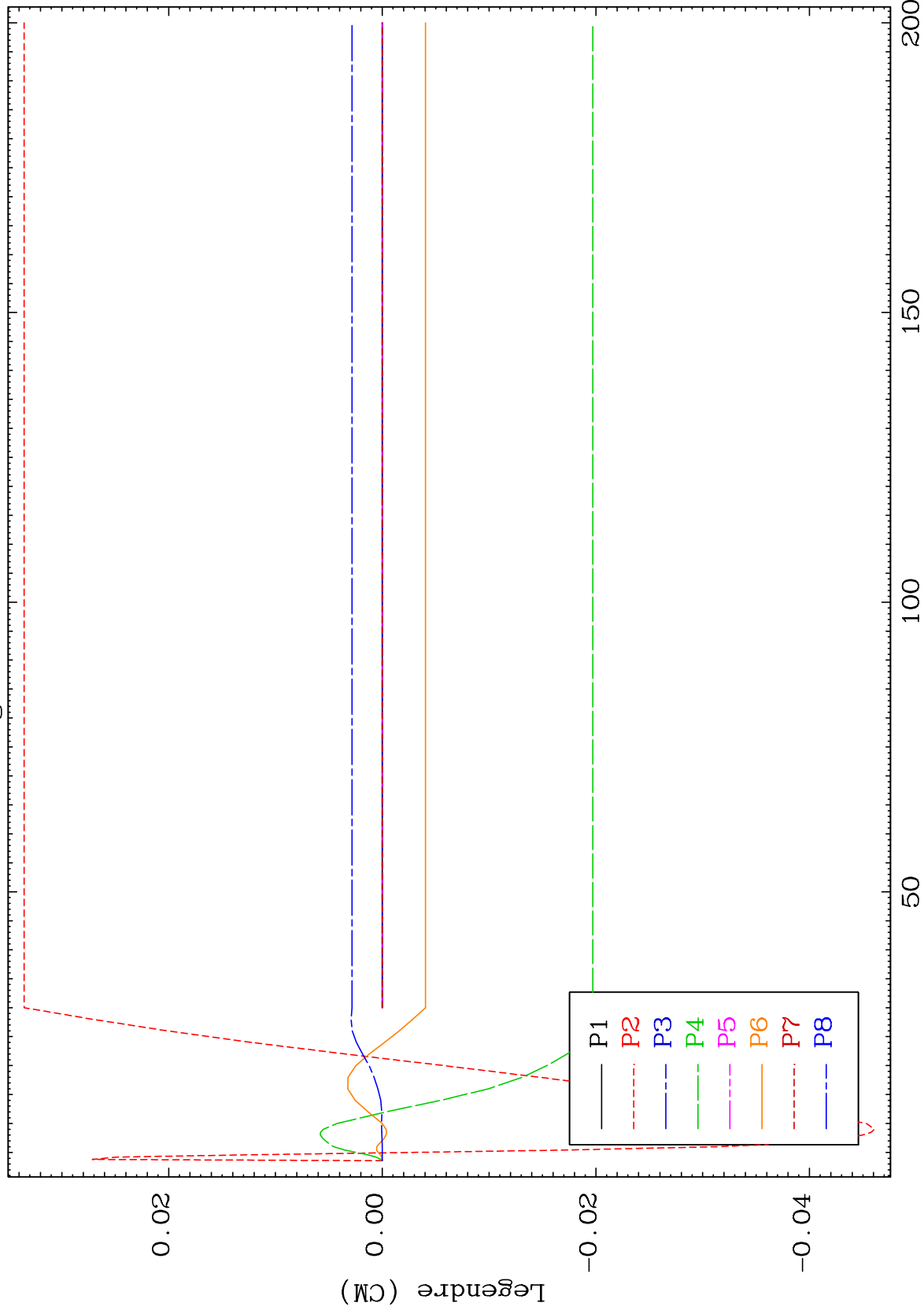




MAT 3455

3.537 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84



88

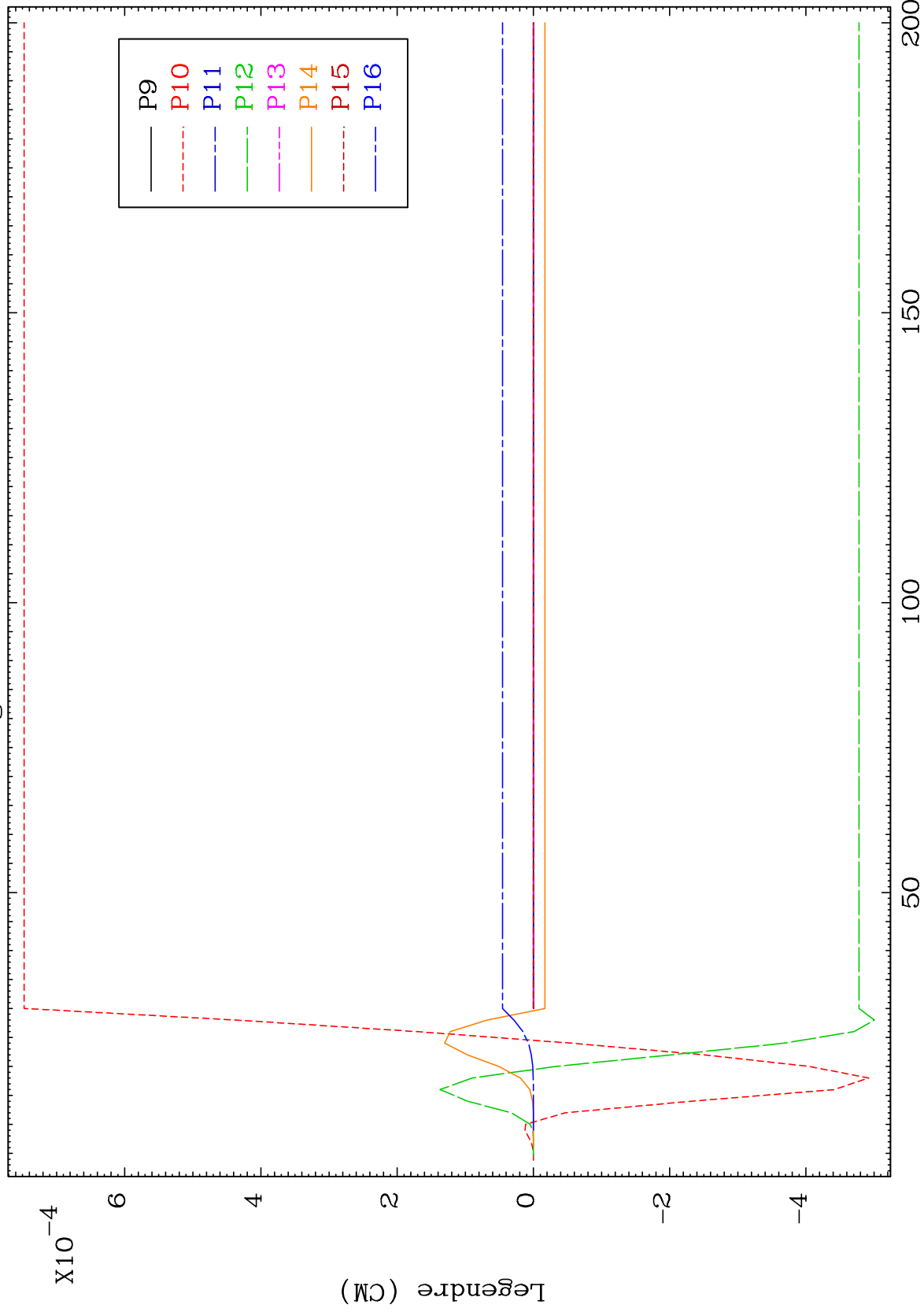
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

3.537 MeV (n,n') Level  
Legendre Coefficients

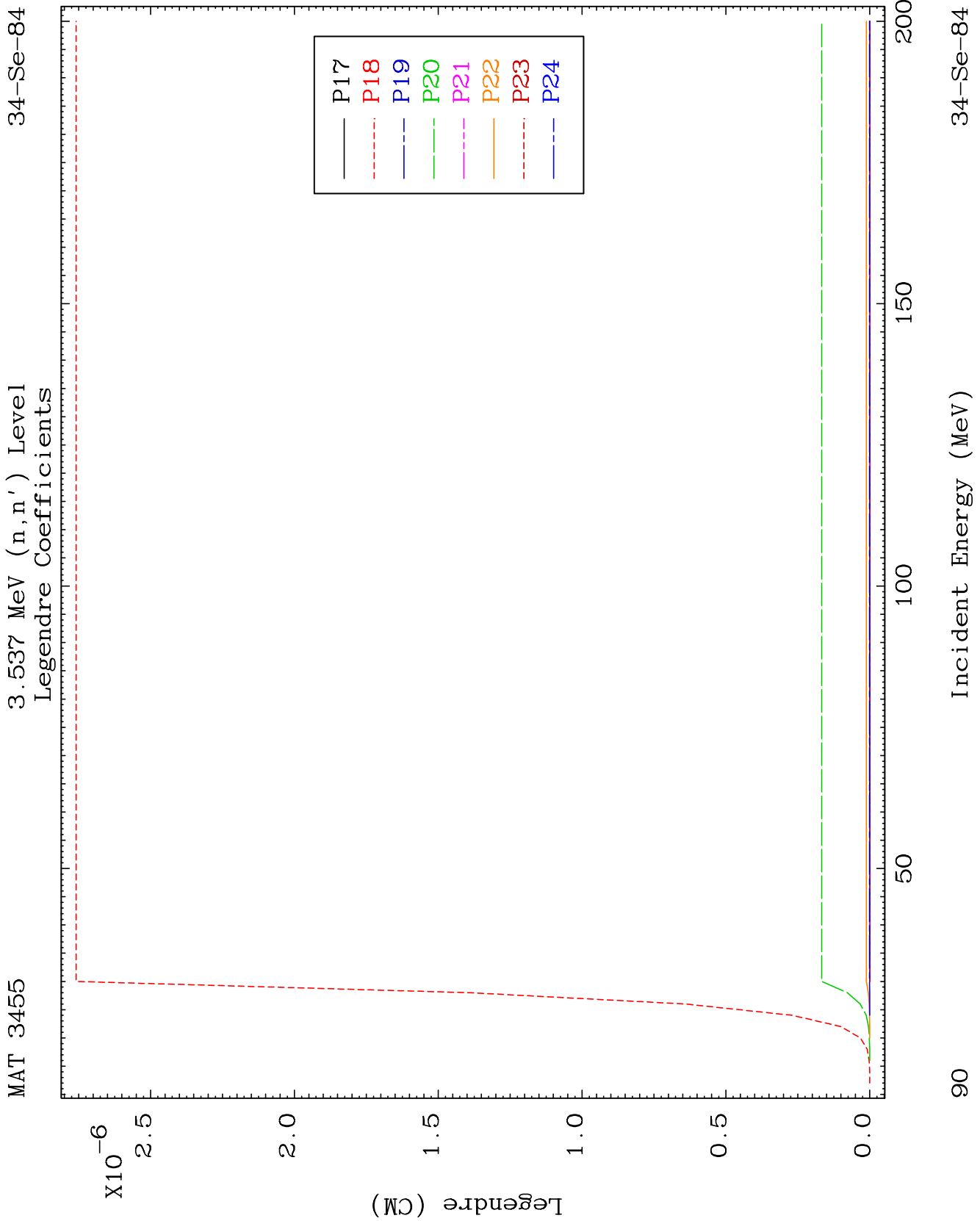
34-Se-84

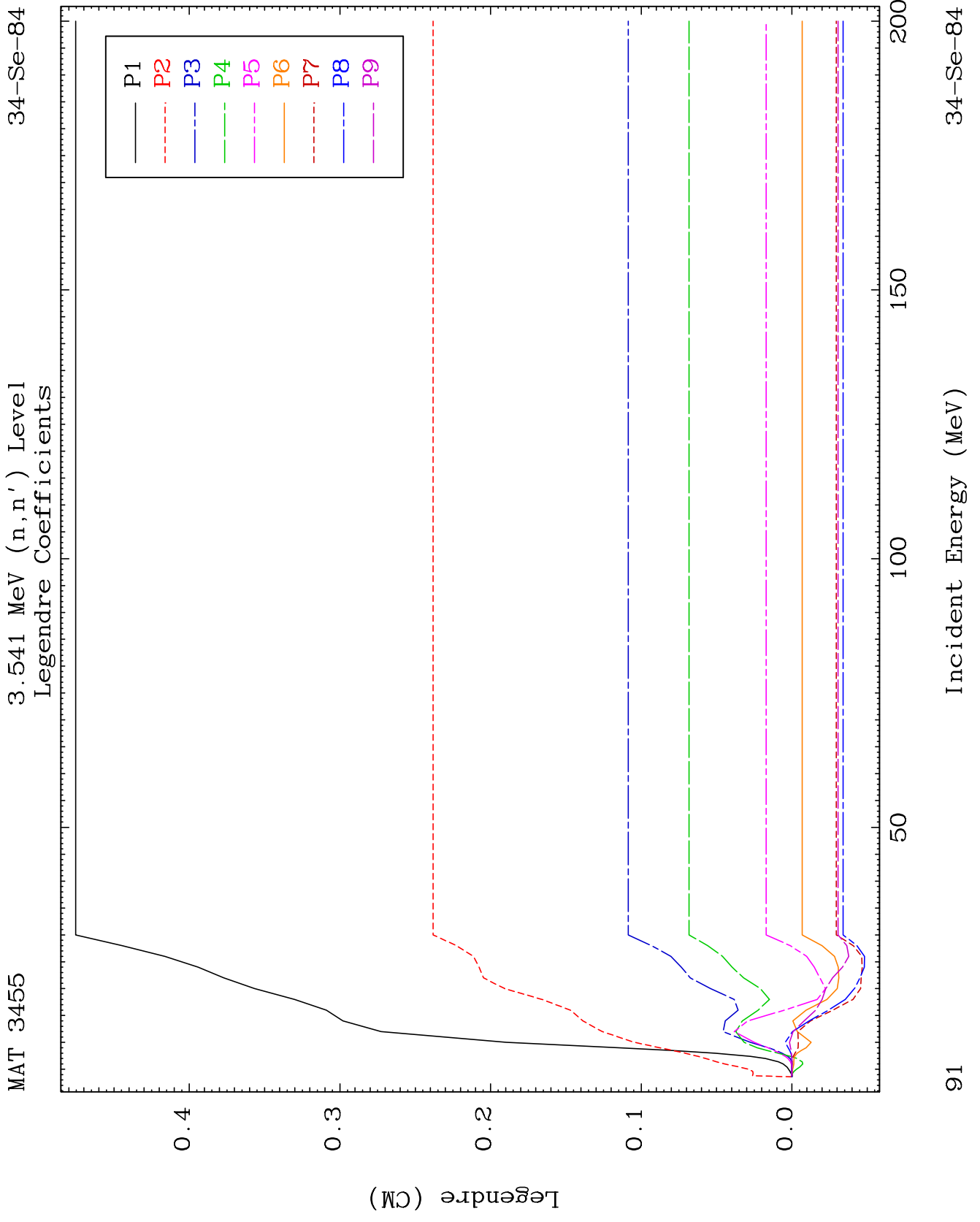


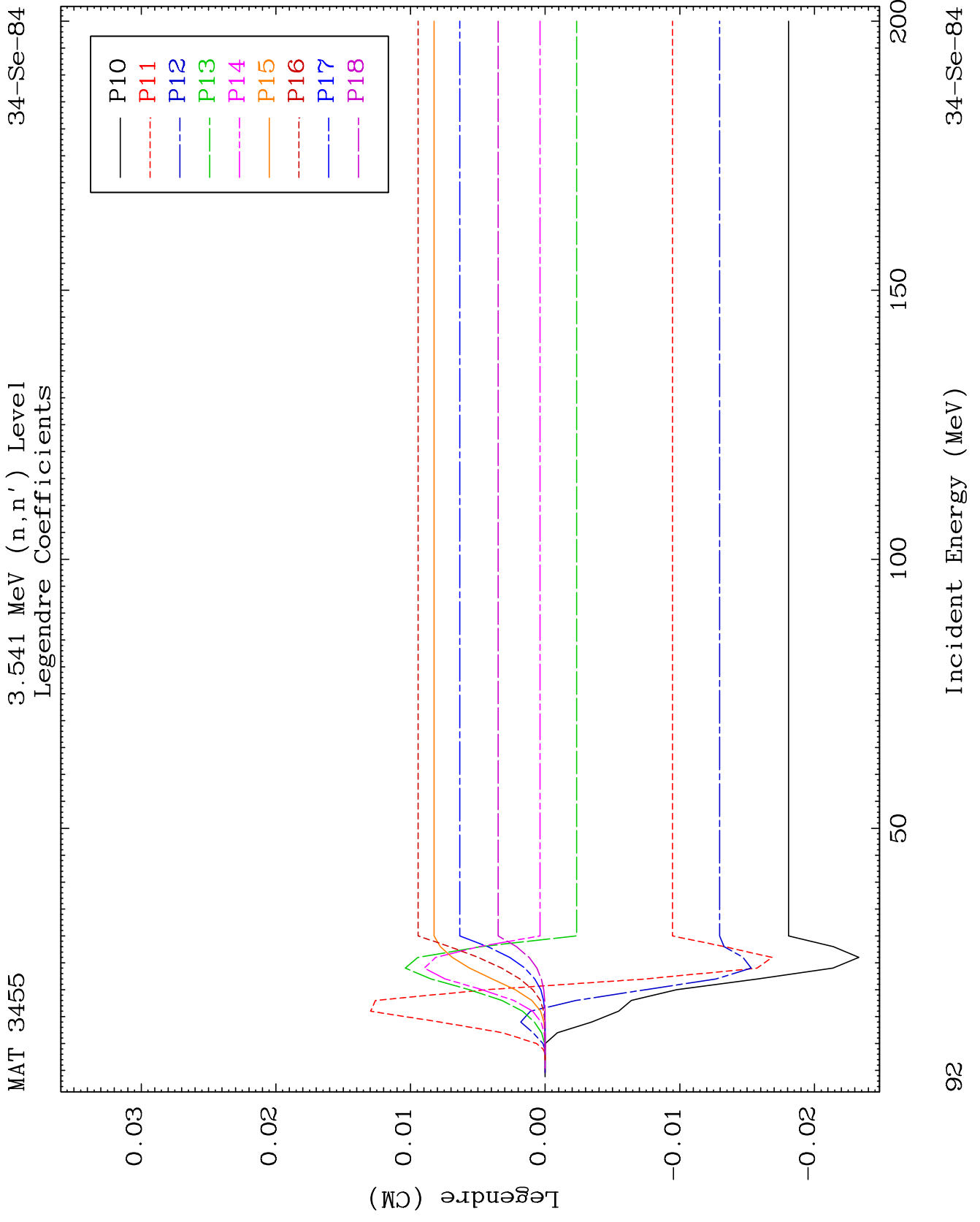
89

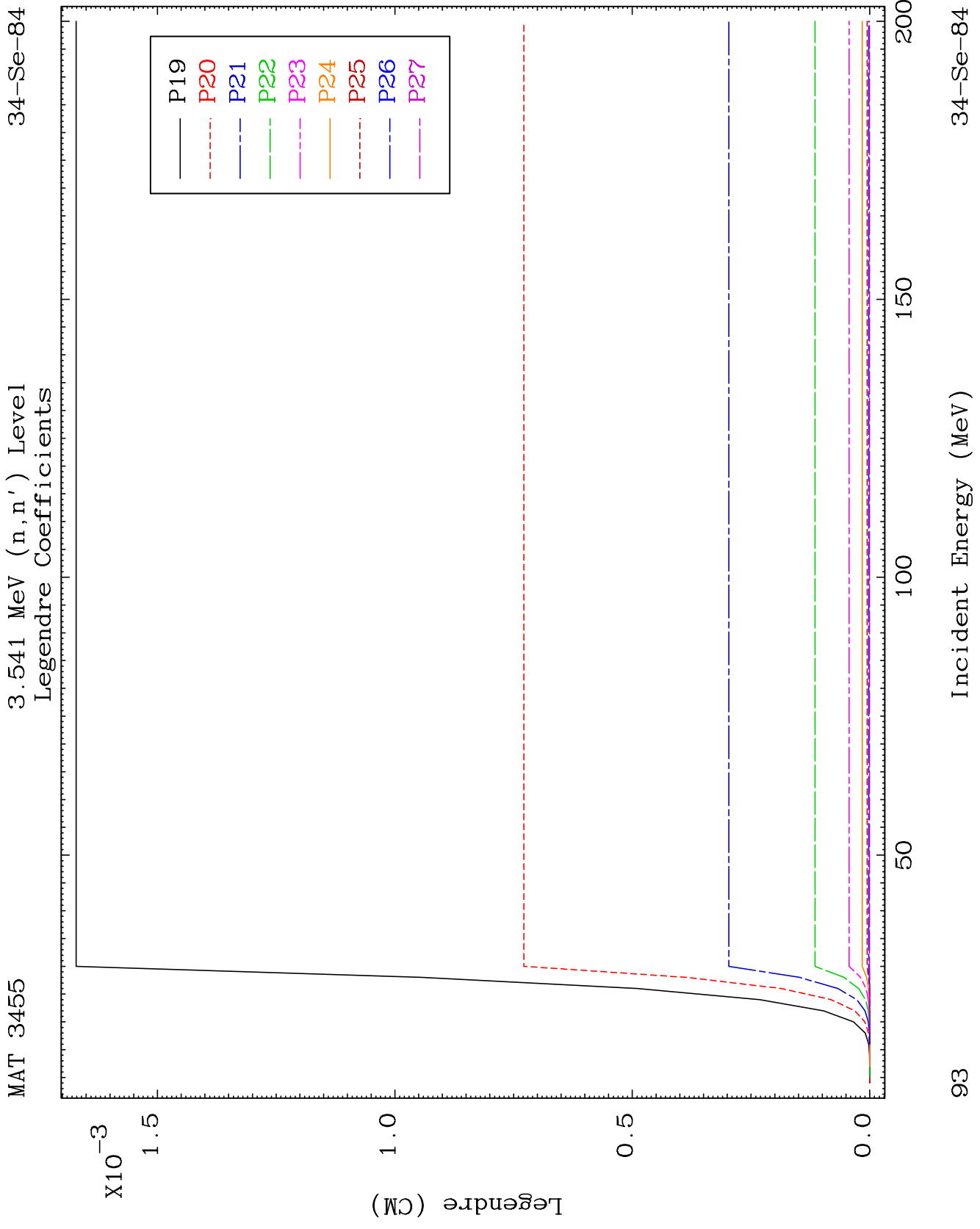
Incident Energy (MeV)

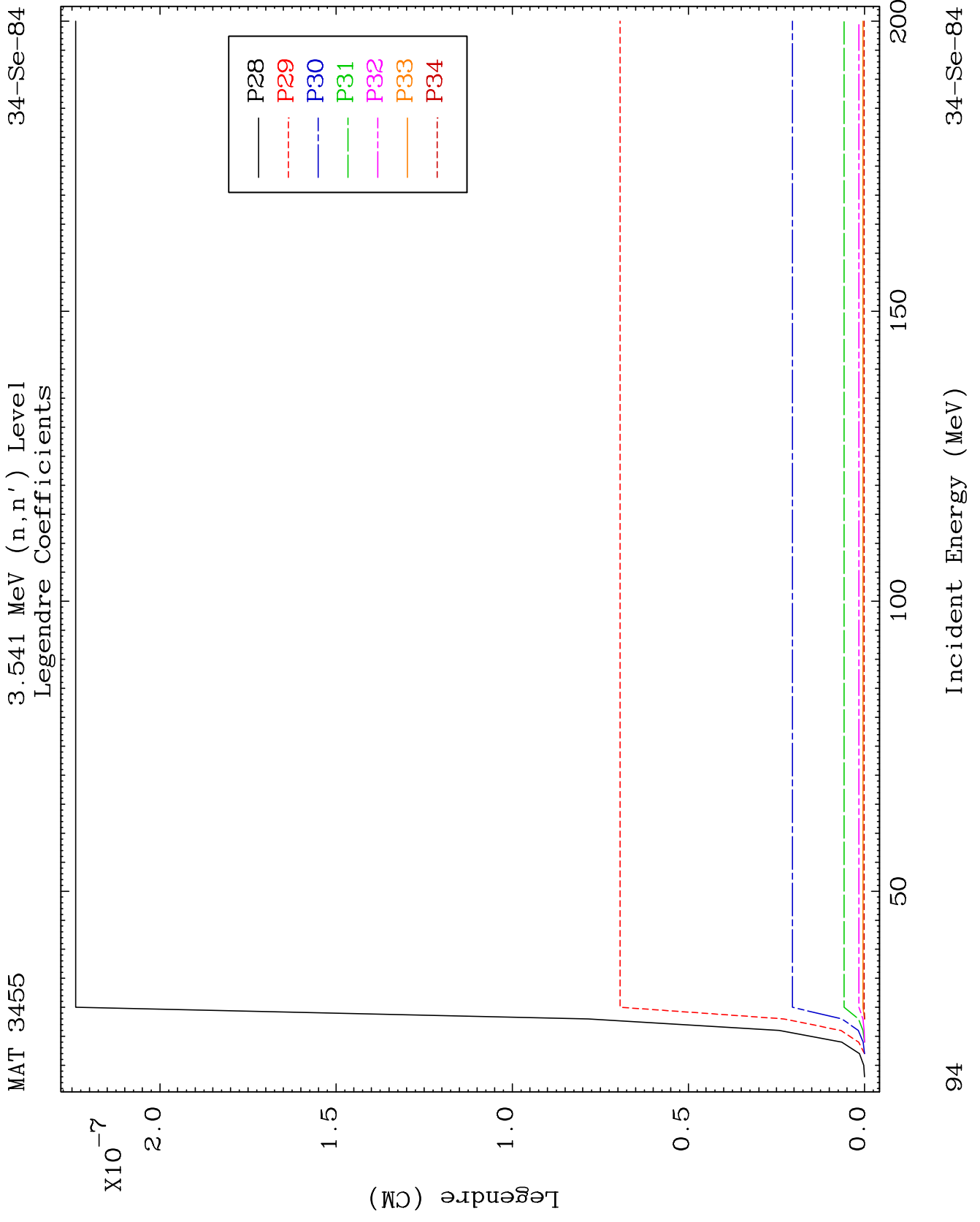
34-Se-84







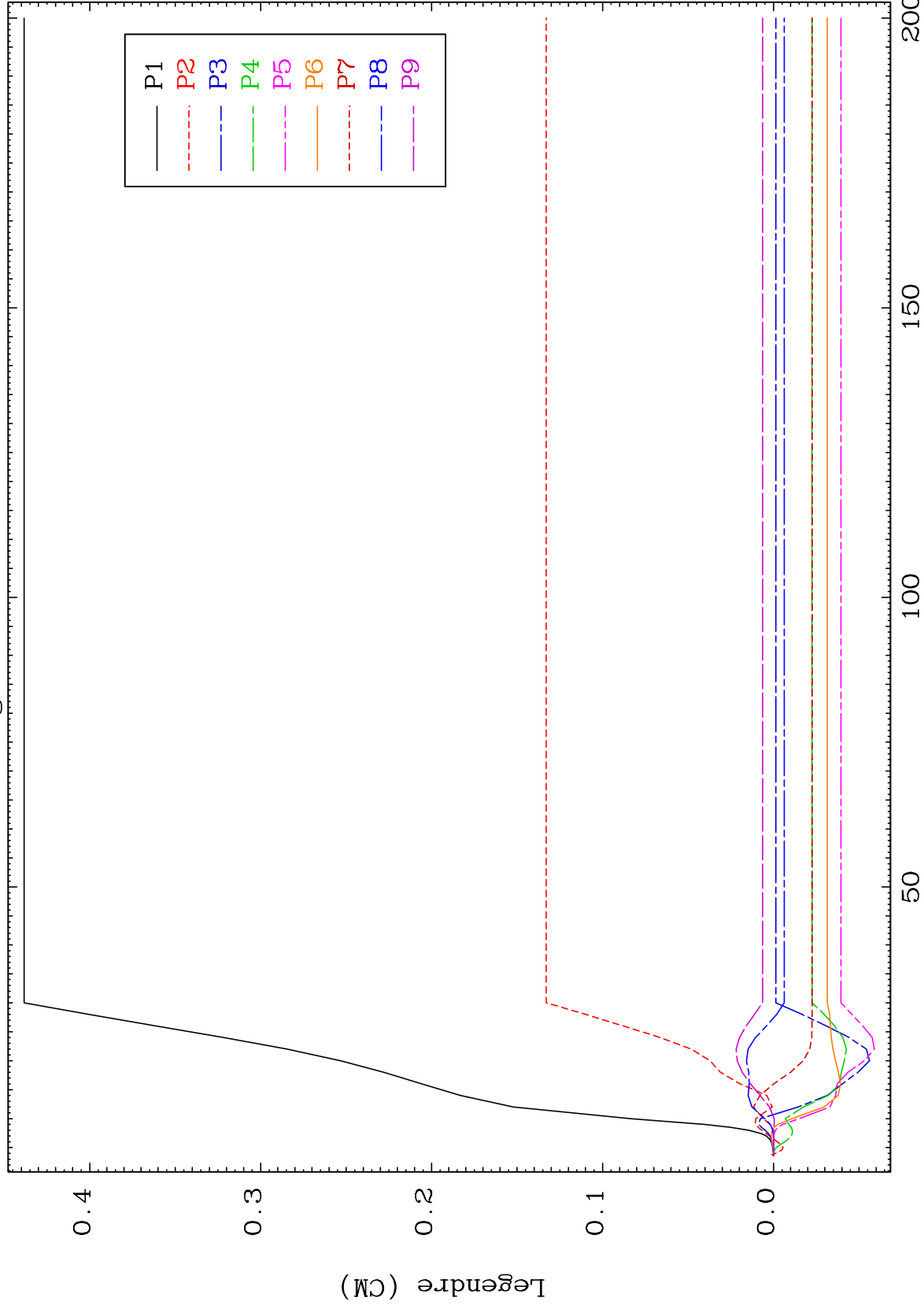




MAT 3455

3.548 MeV (n,n') Level  
Legendre Coefficients

34-Se-84

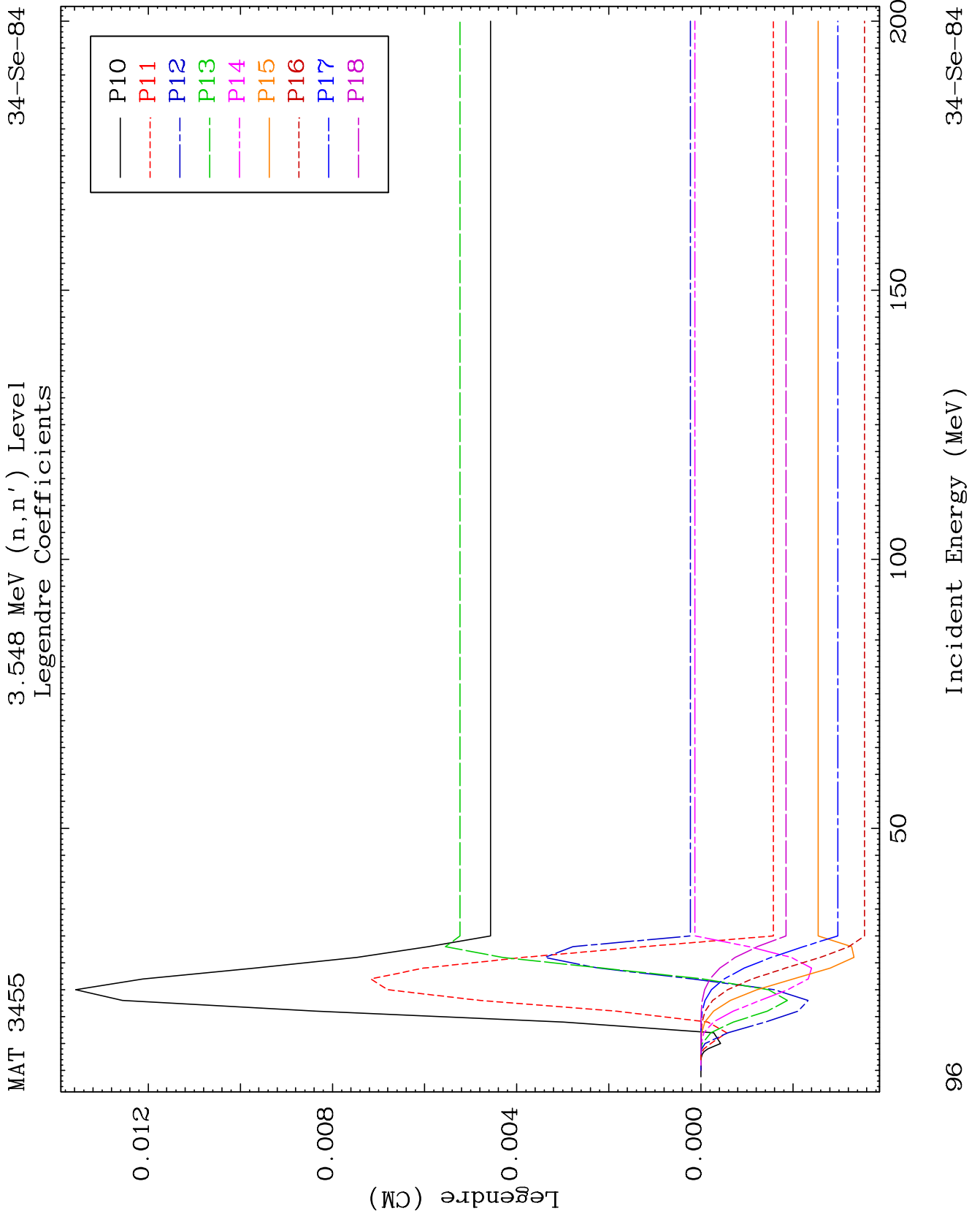


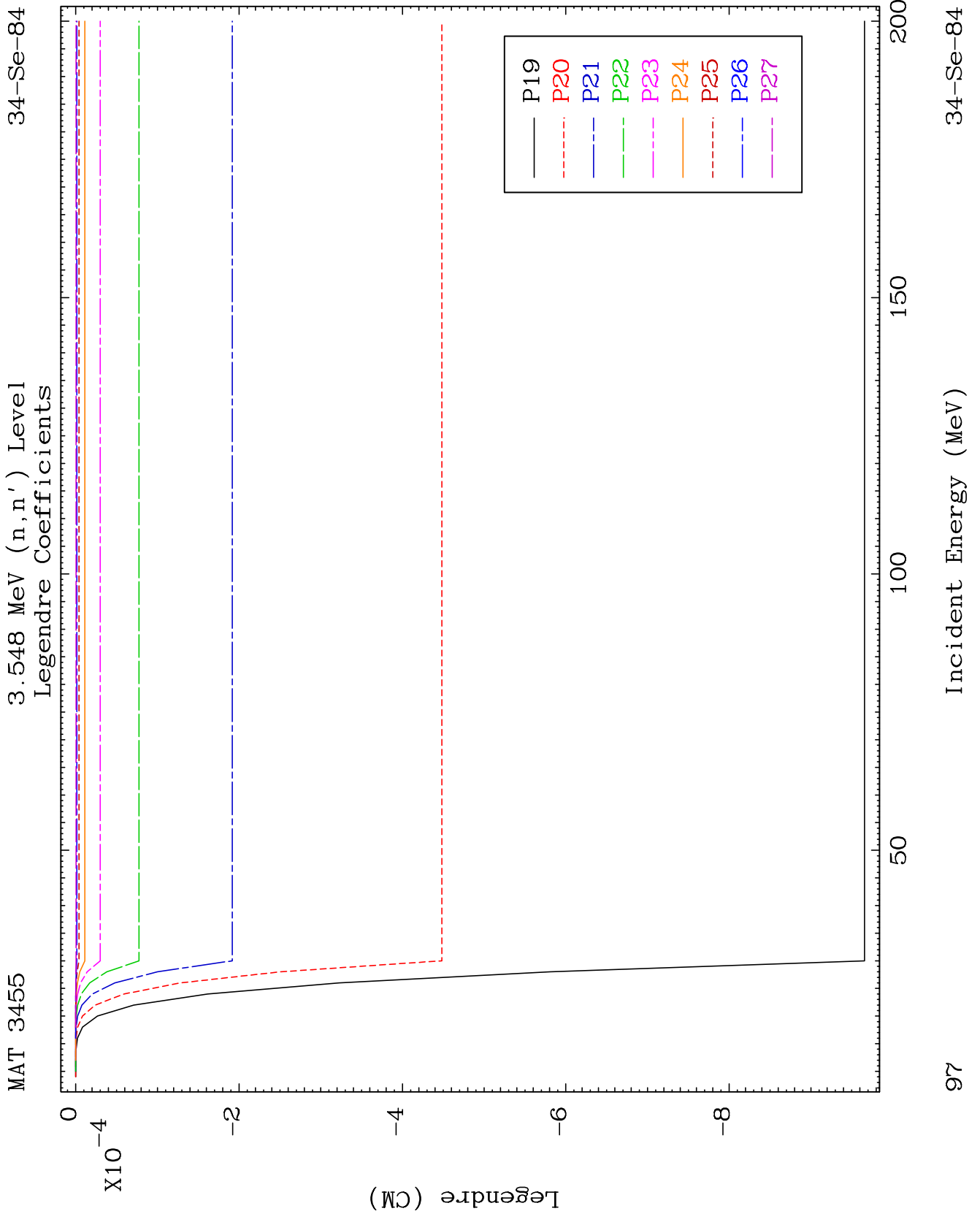
95

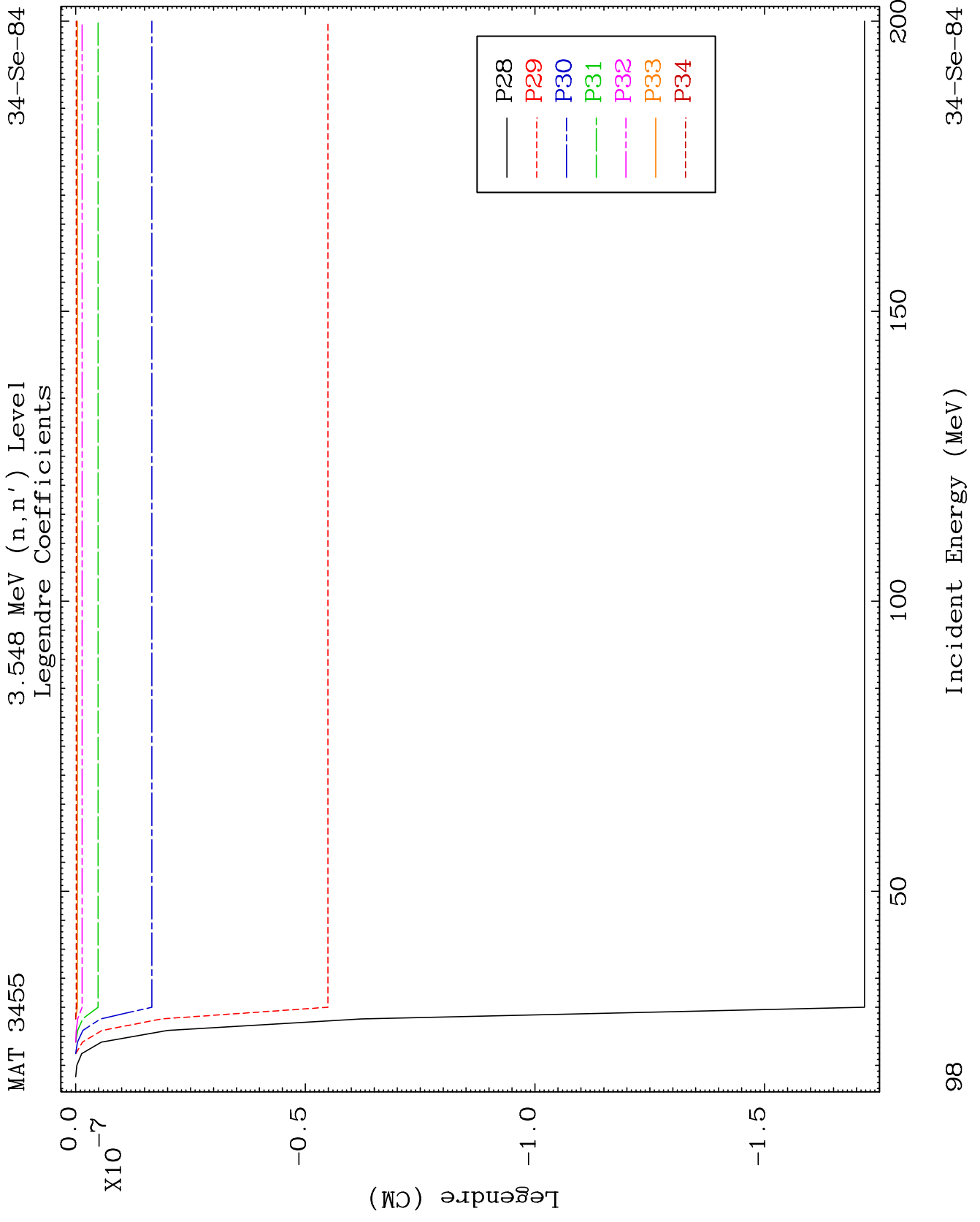
Incident Energy (MeV)

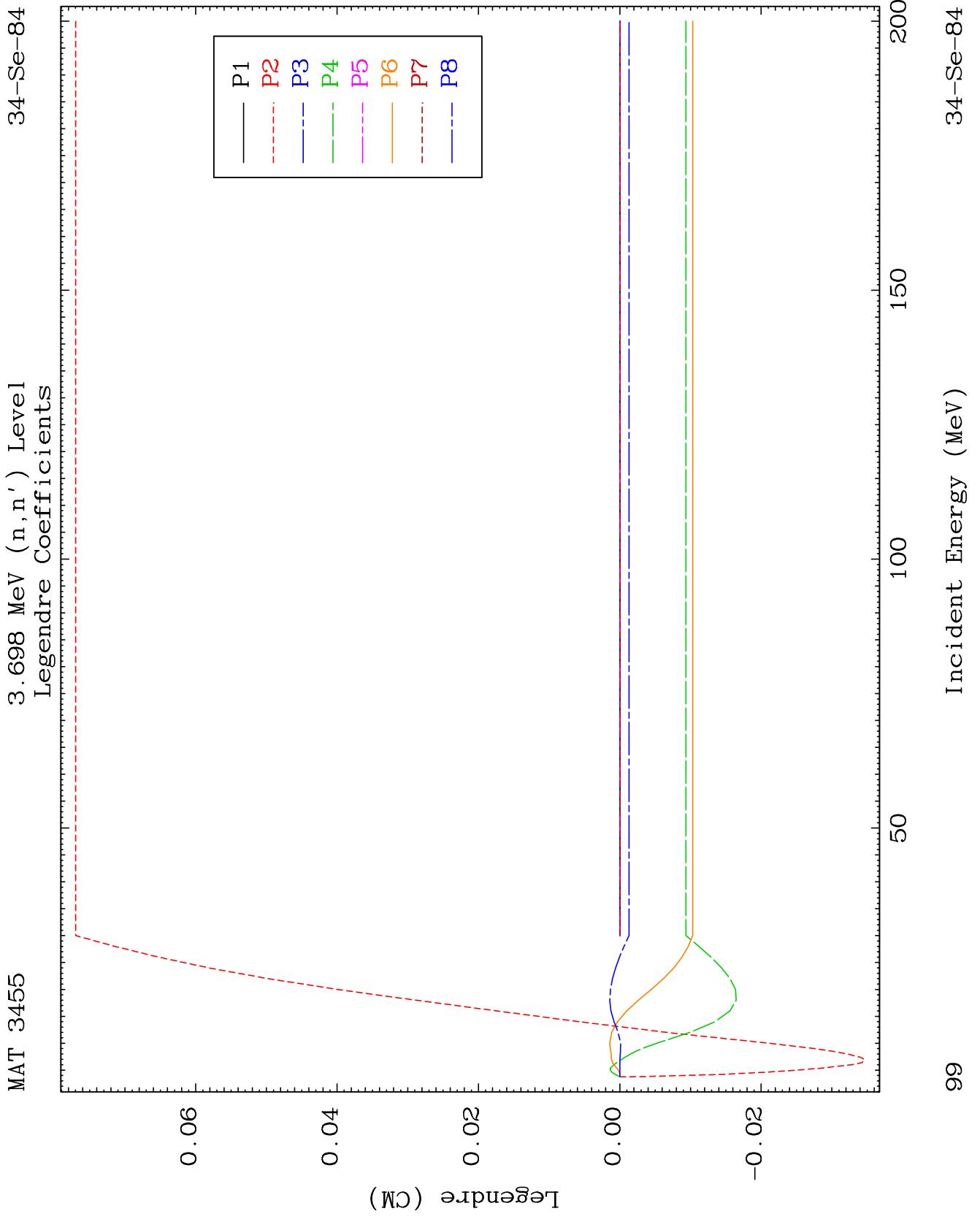
34-Se-84

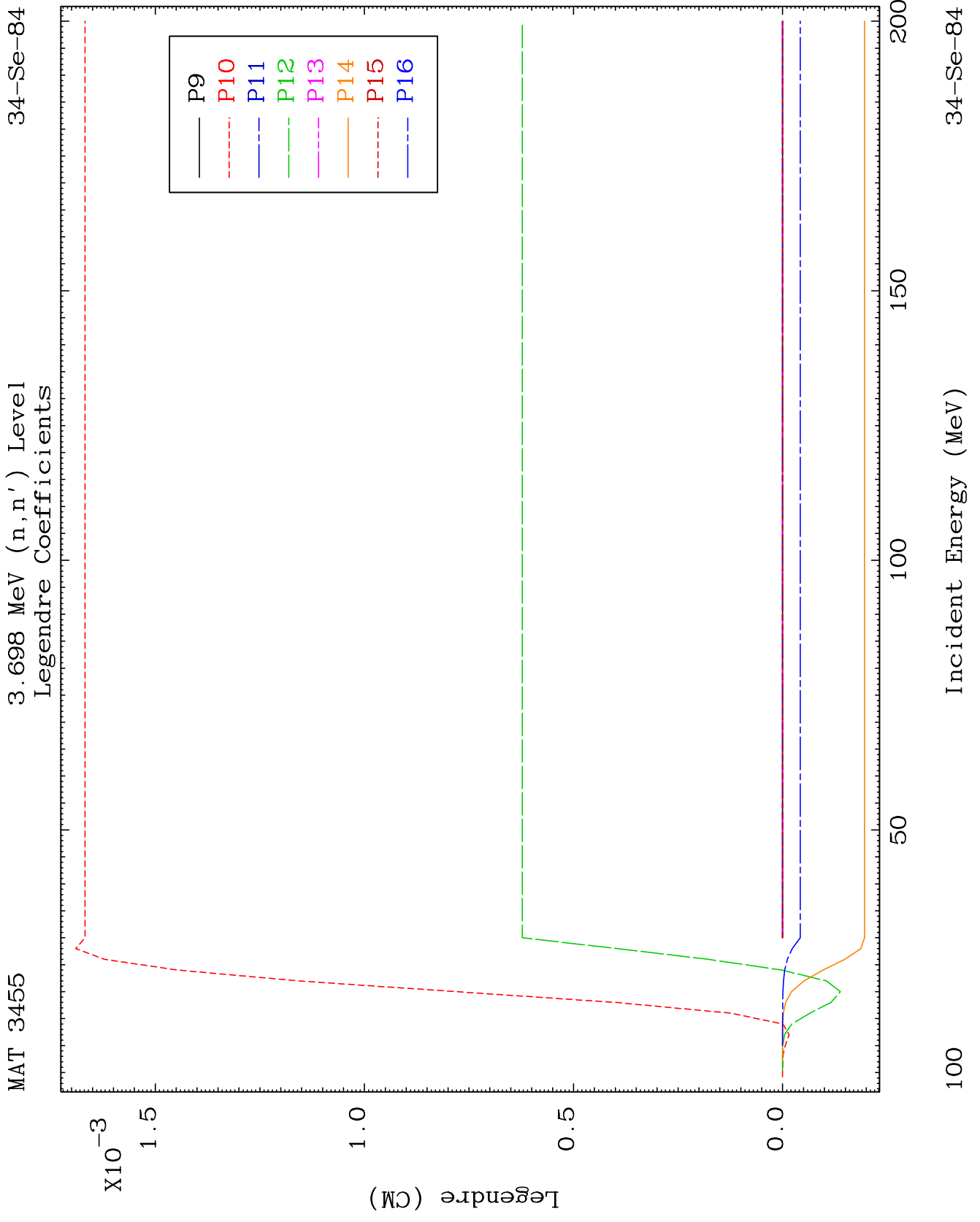


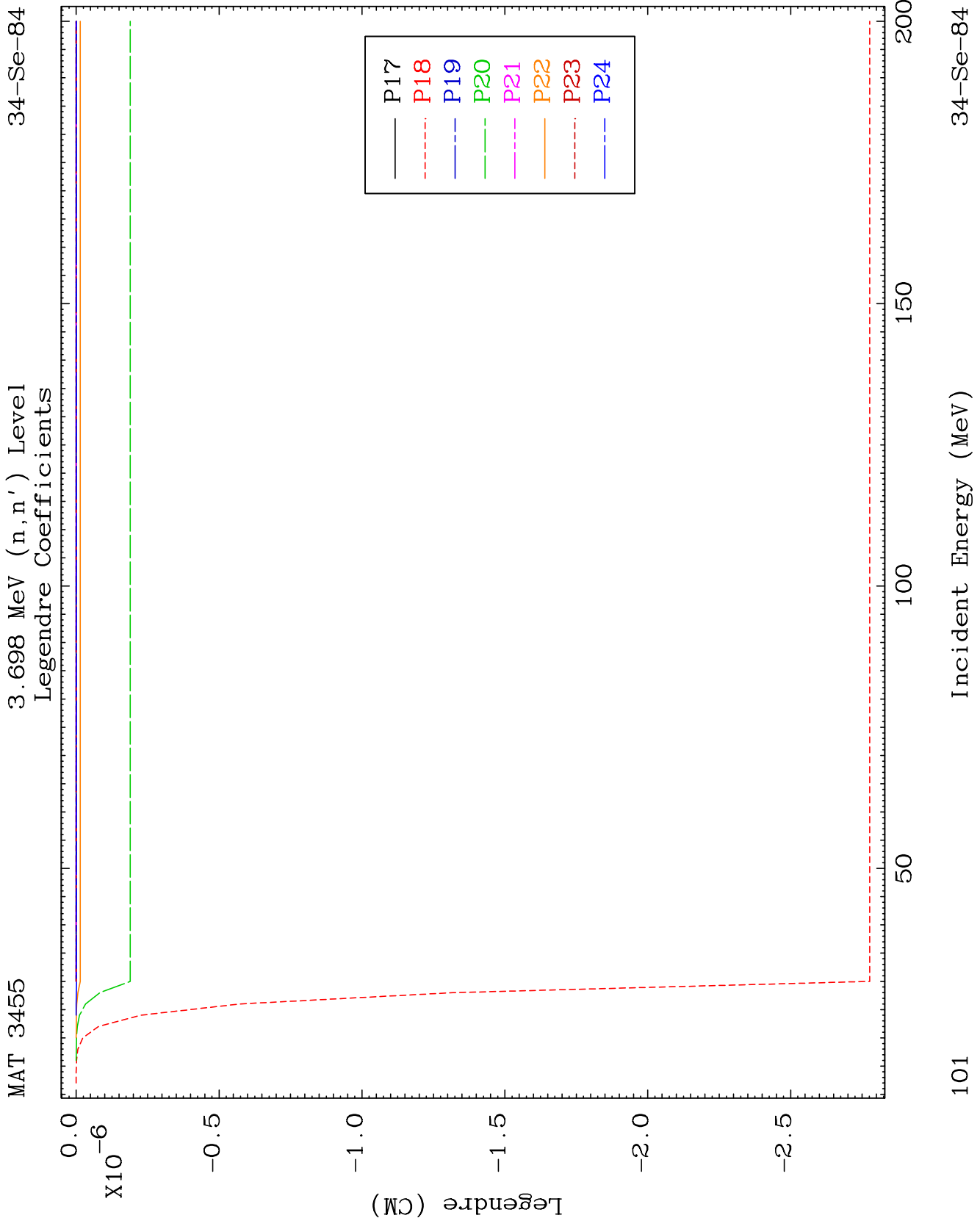








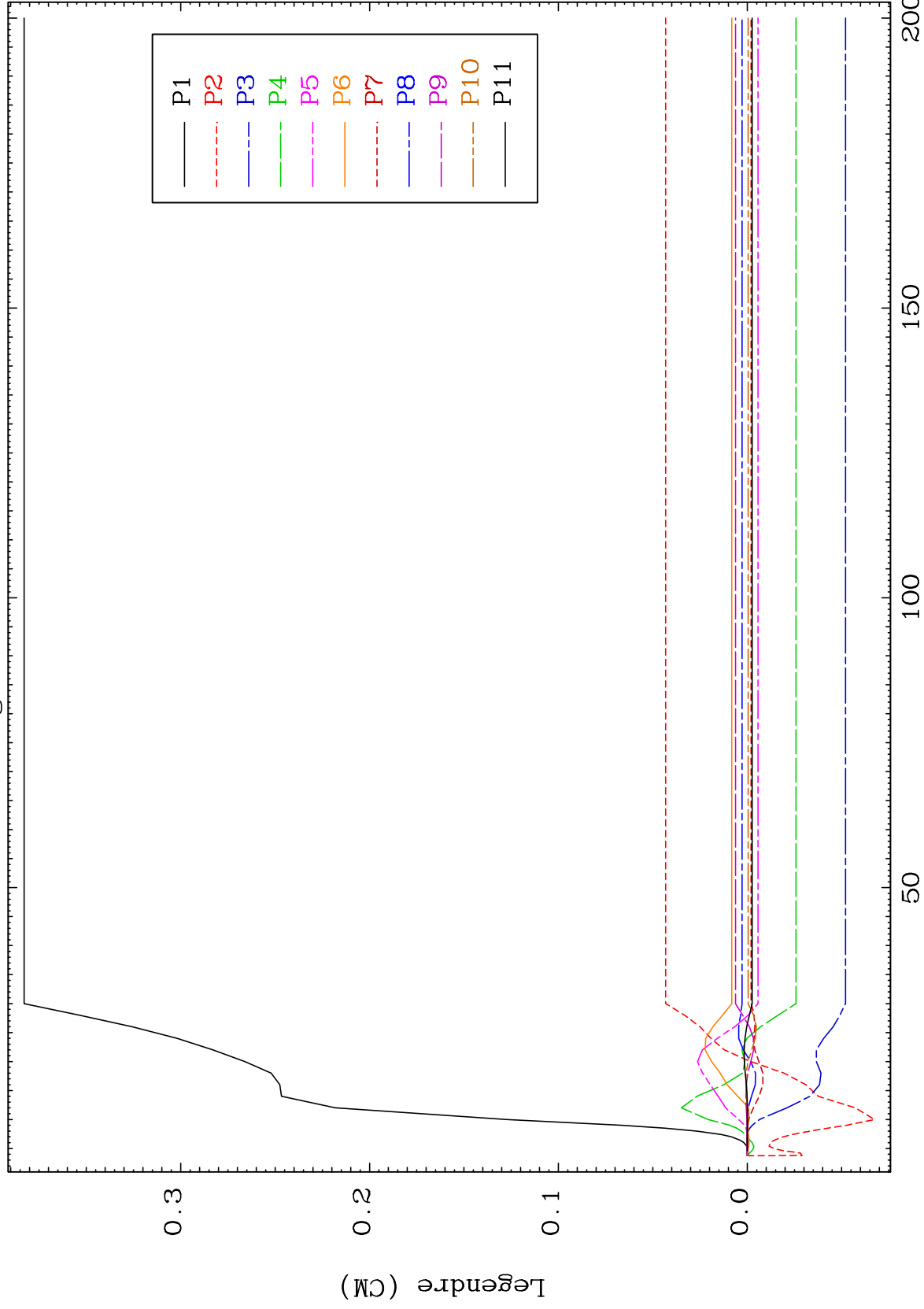




MAT 3455

3.701 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84



102

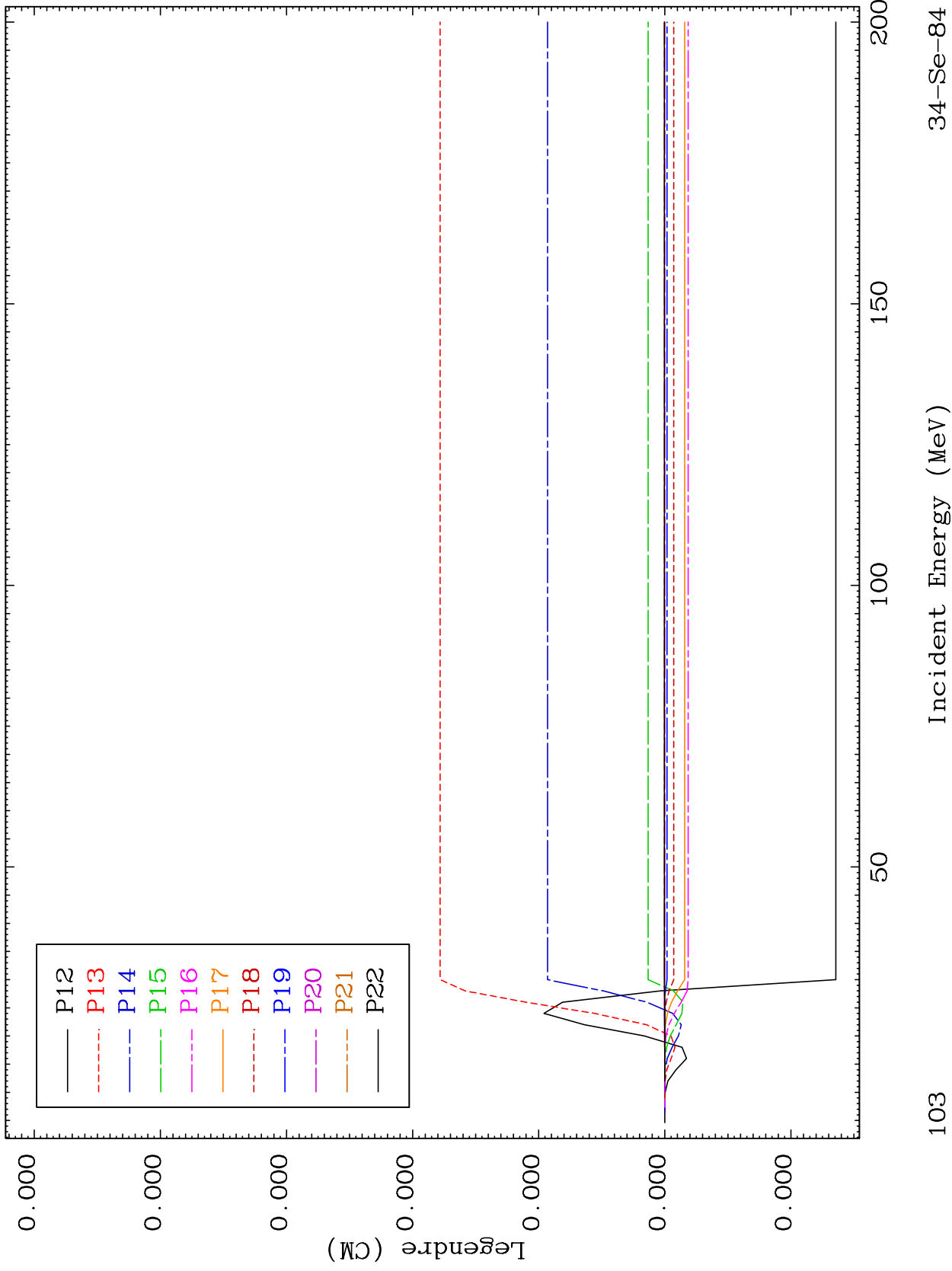
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

3.701 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84



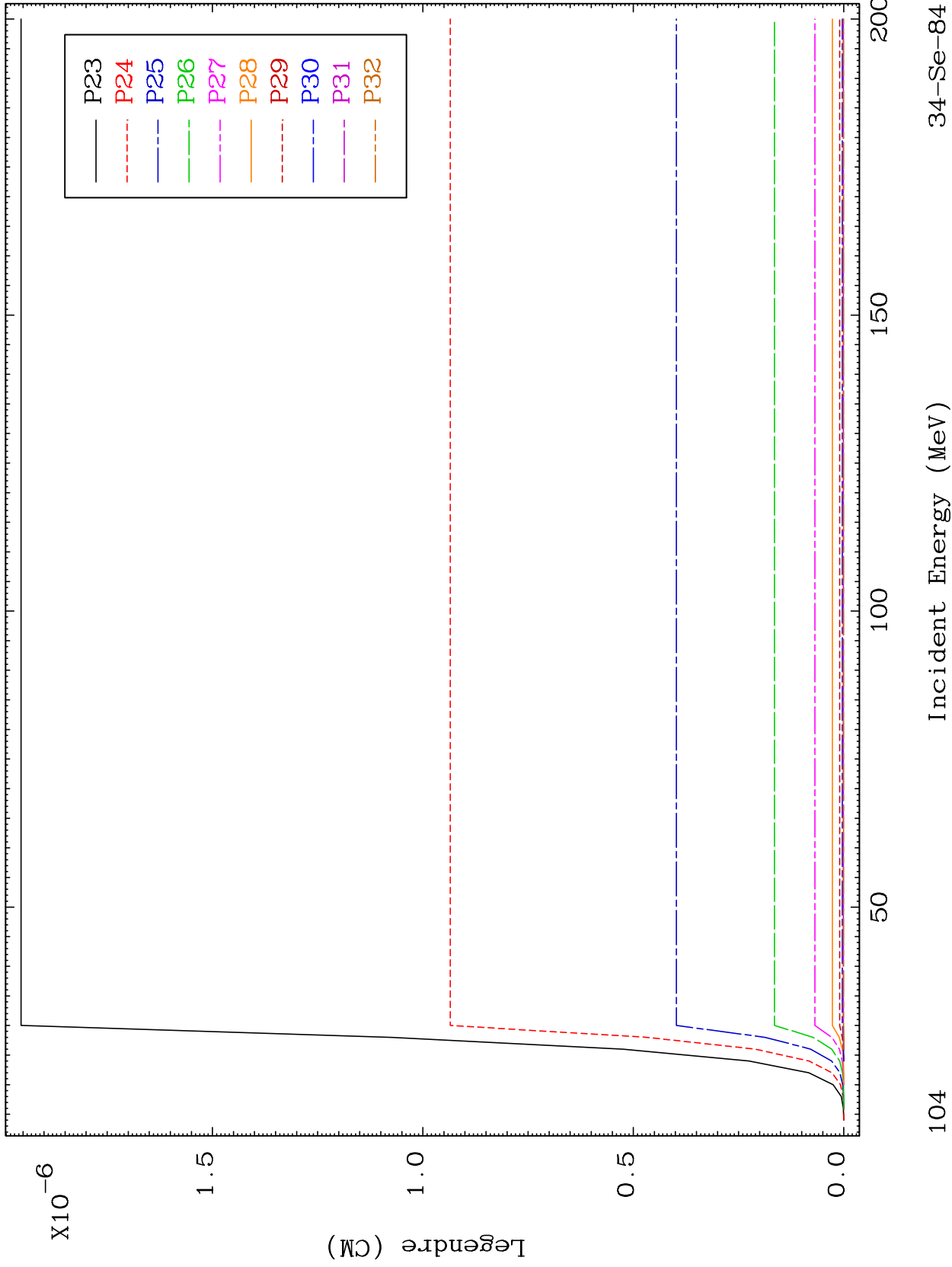
103



MAT 3455

3.701 MeV (n,n') Level  
Legendre Coefficients

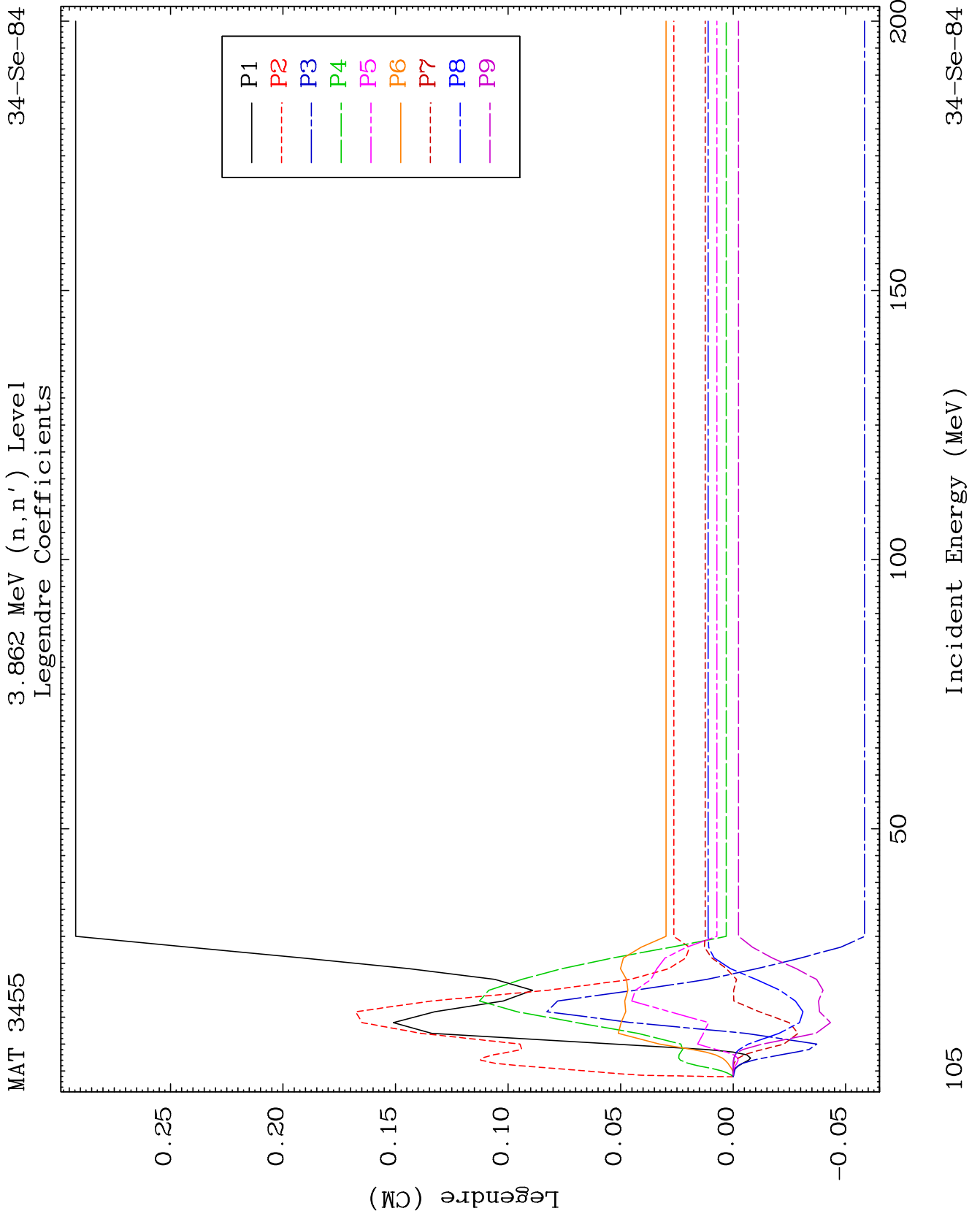
<sup>34</sup>Se-84



104

Incident Energy (MeV)

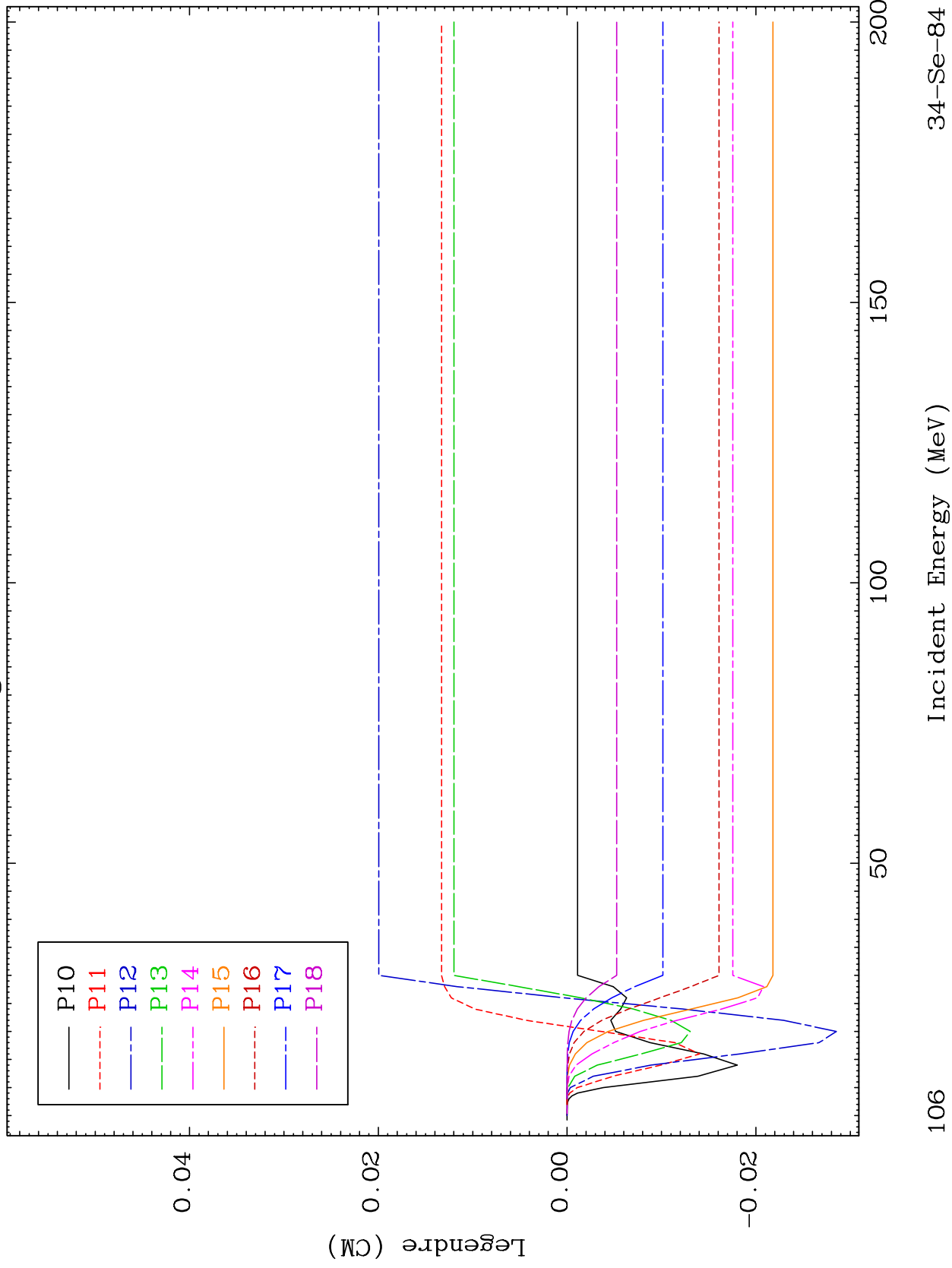
<sup>34</sup>Se-84



MAT 3455

3.862 MeV (n,n') Level  
Legendre Coefficients

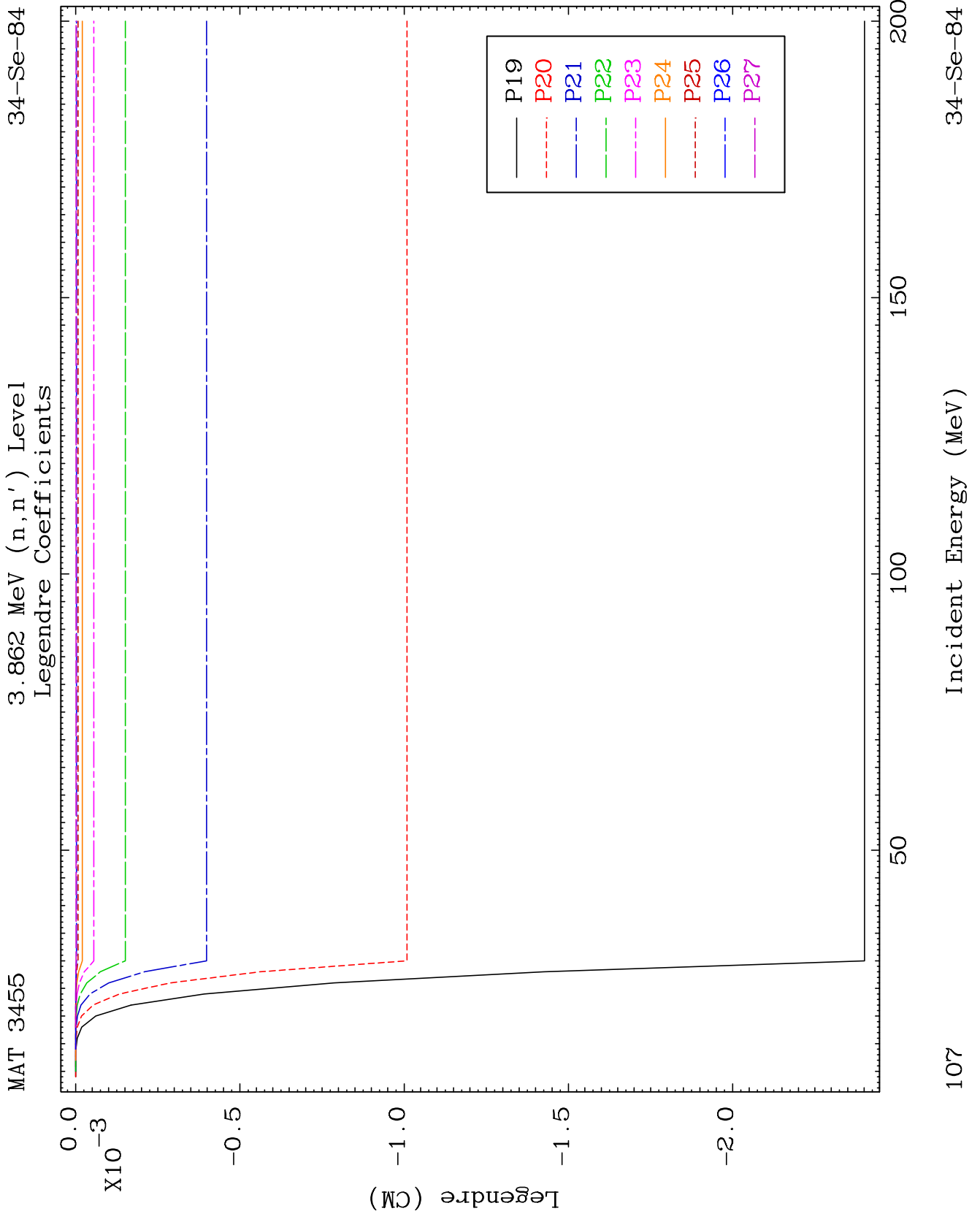
34-Se-84

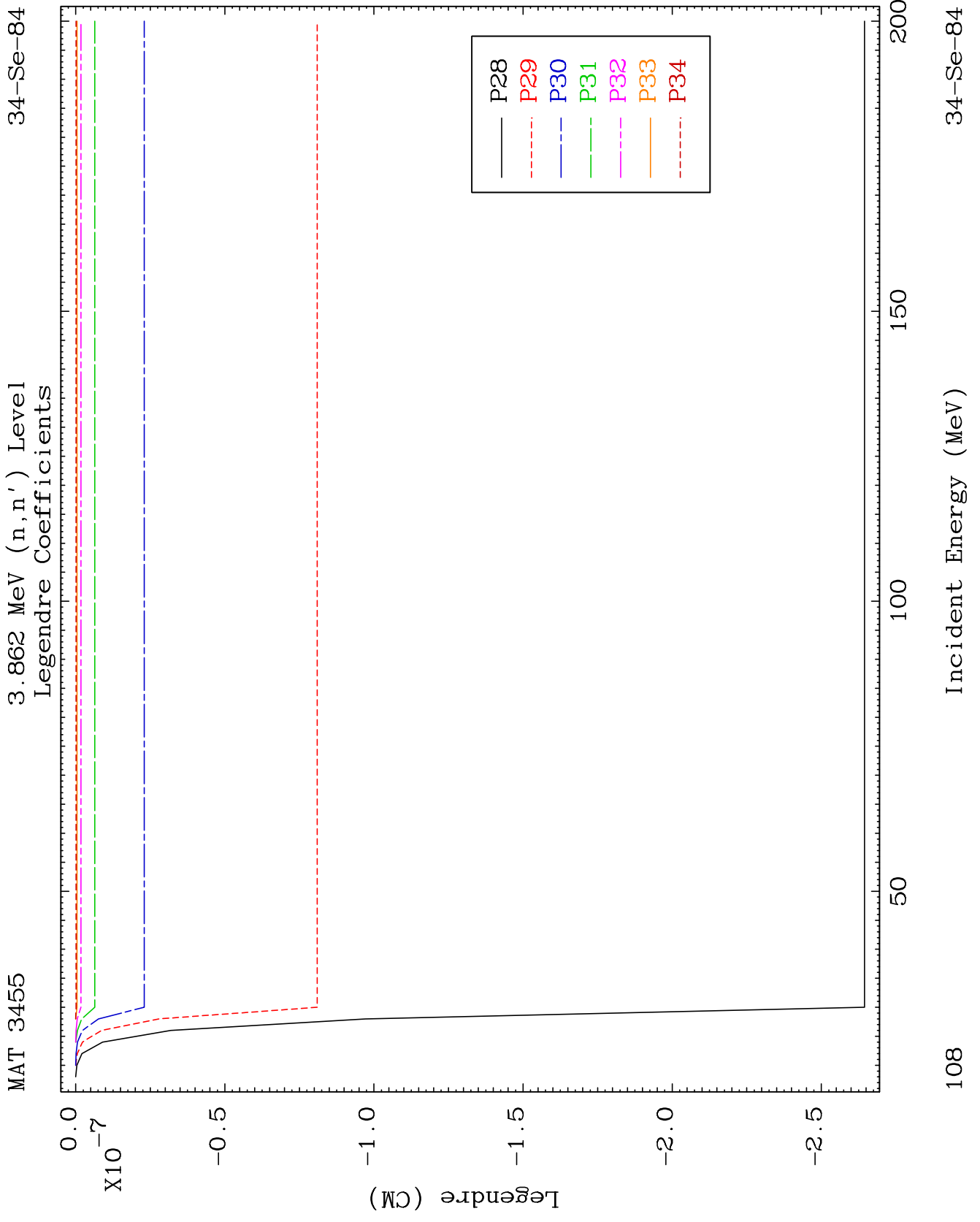


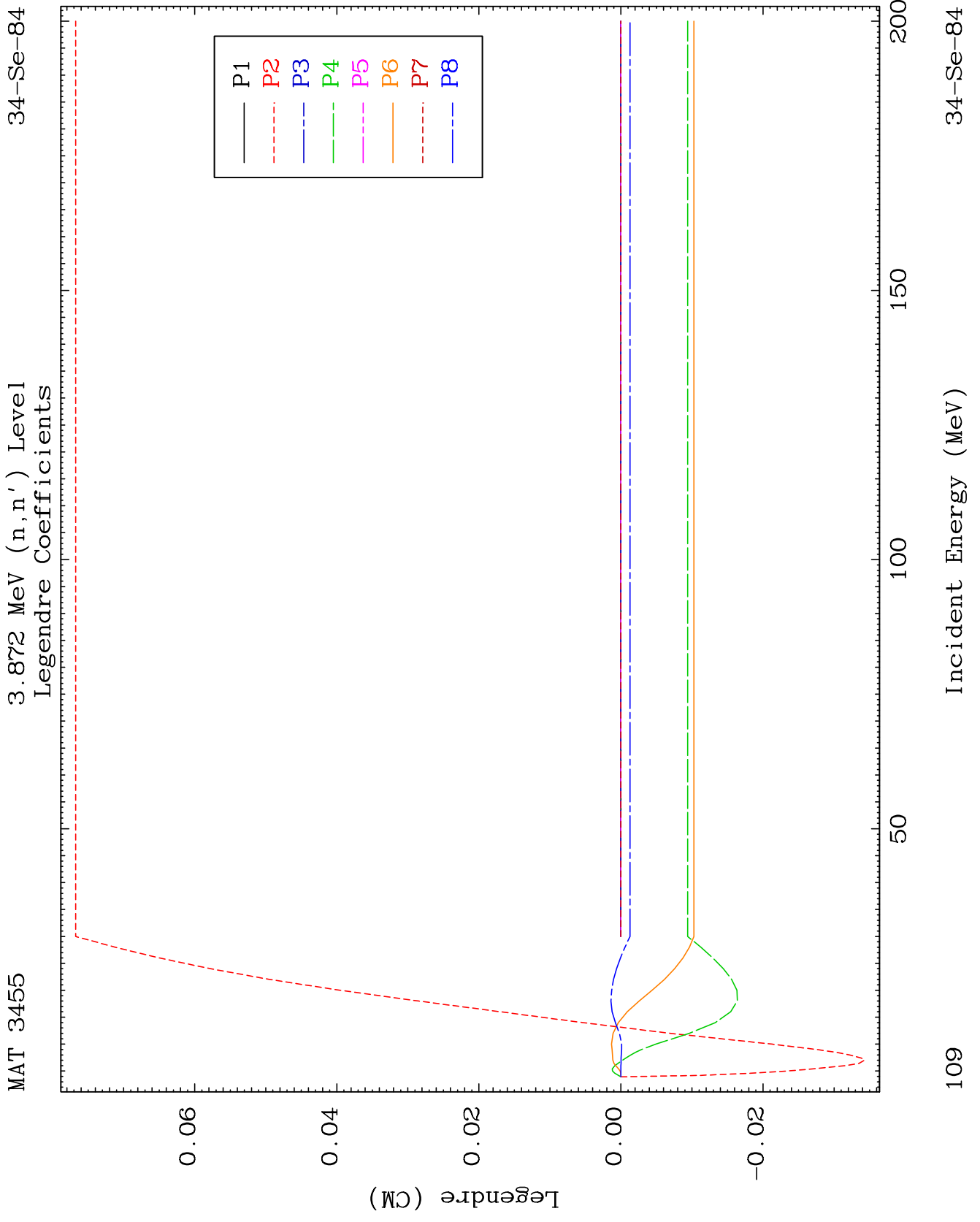
106

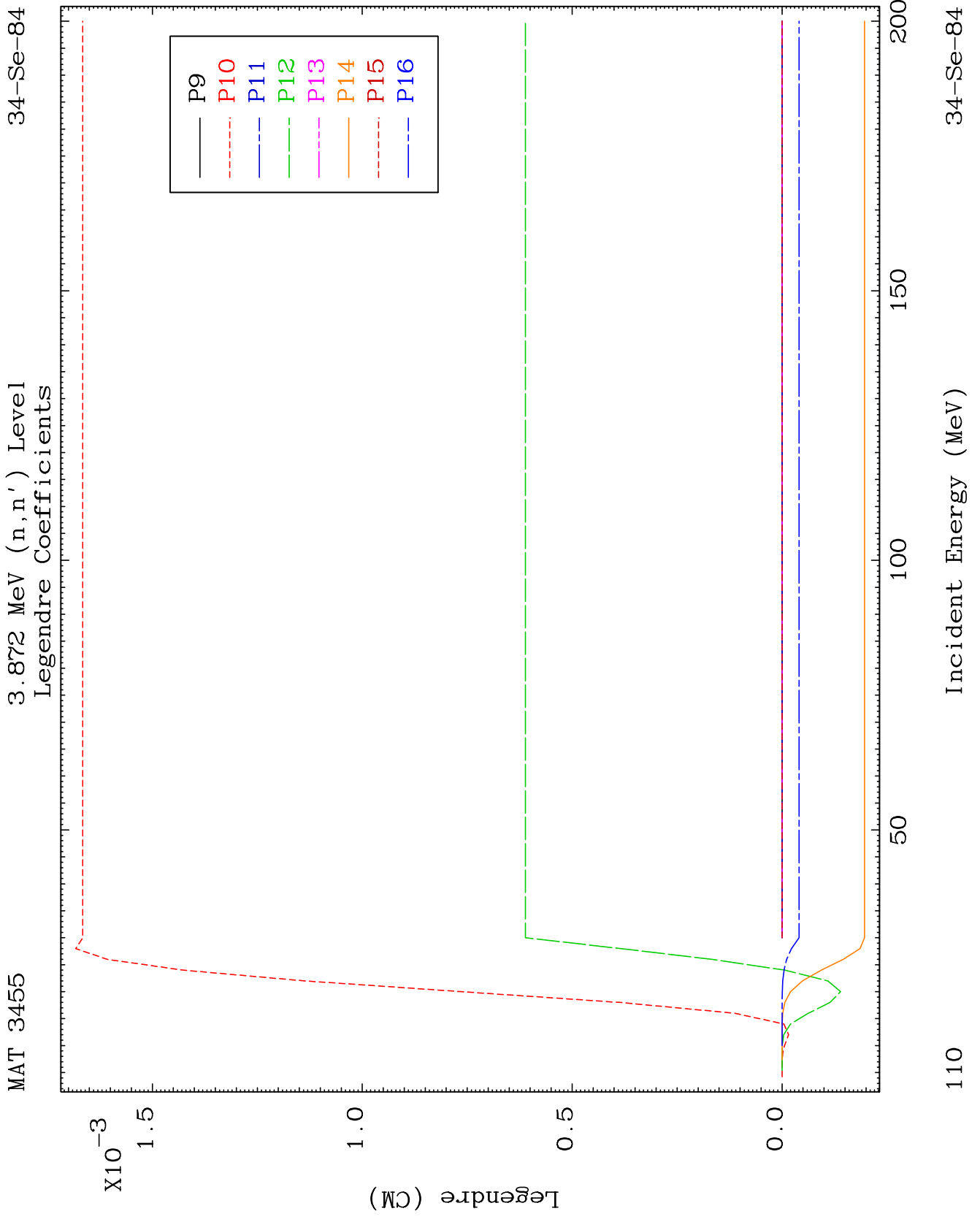
Incident Energy (MeV)

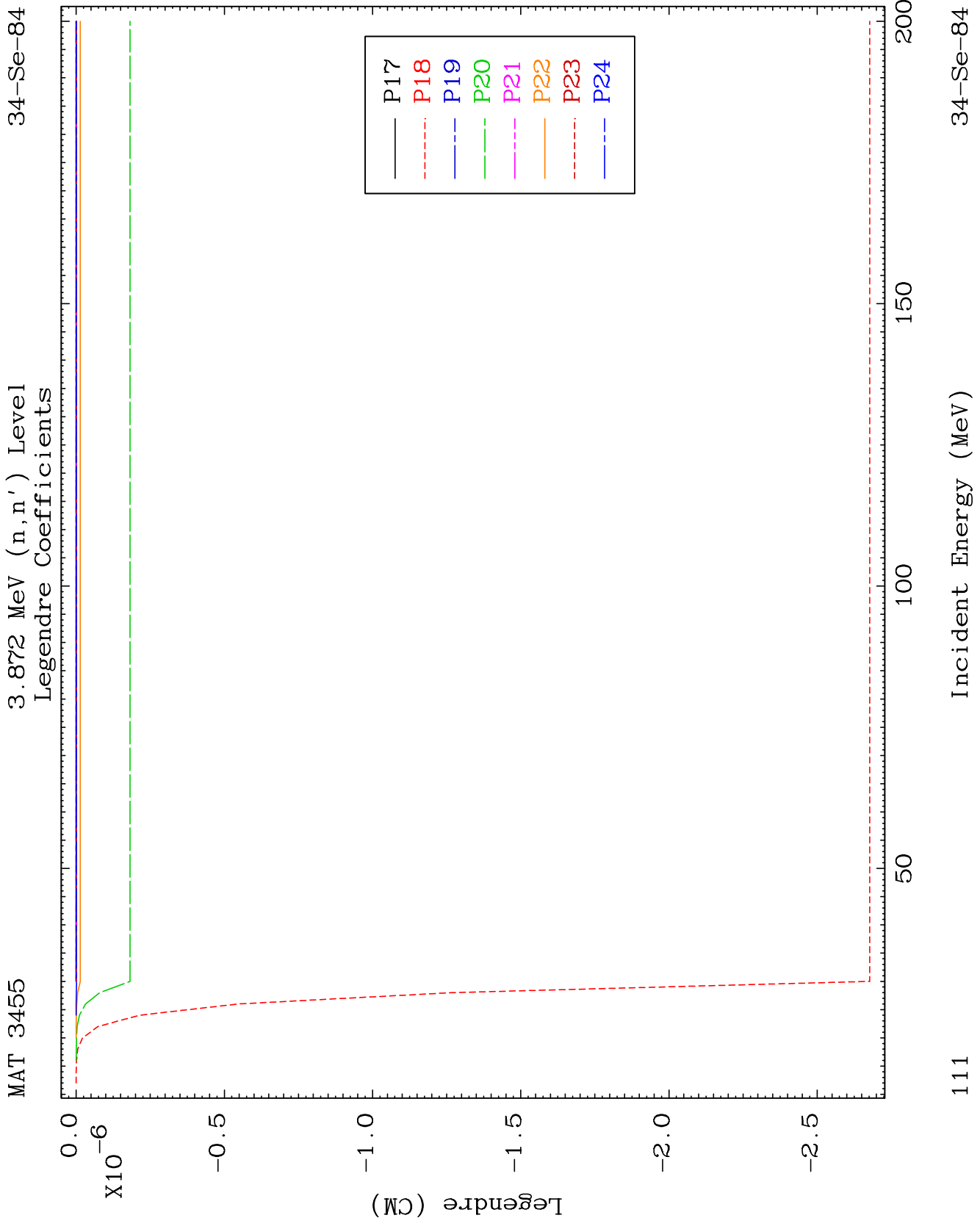
34-Se-84



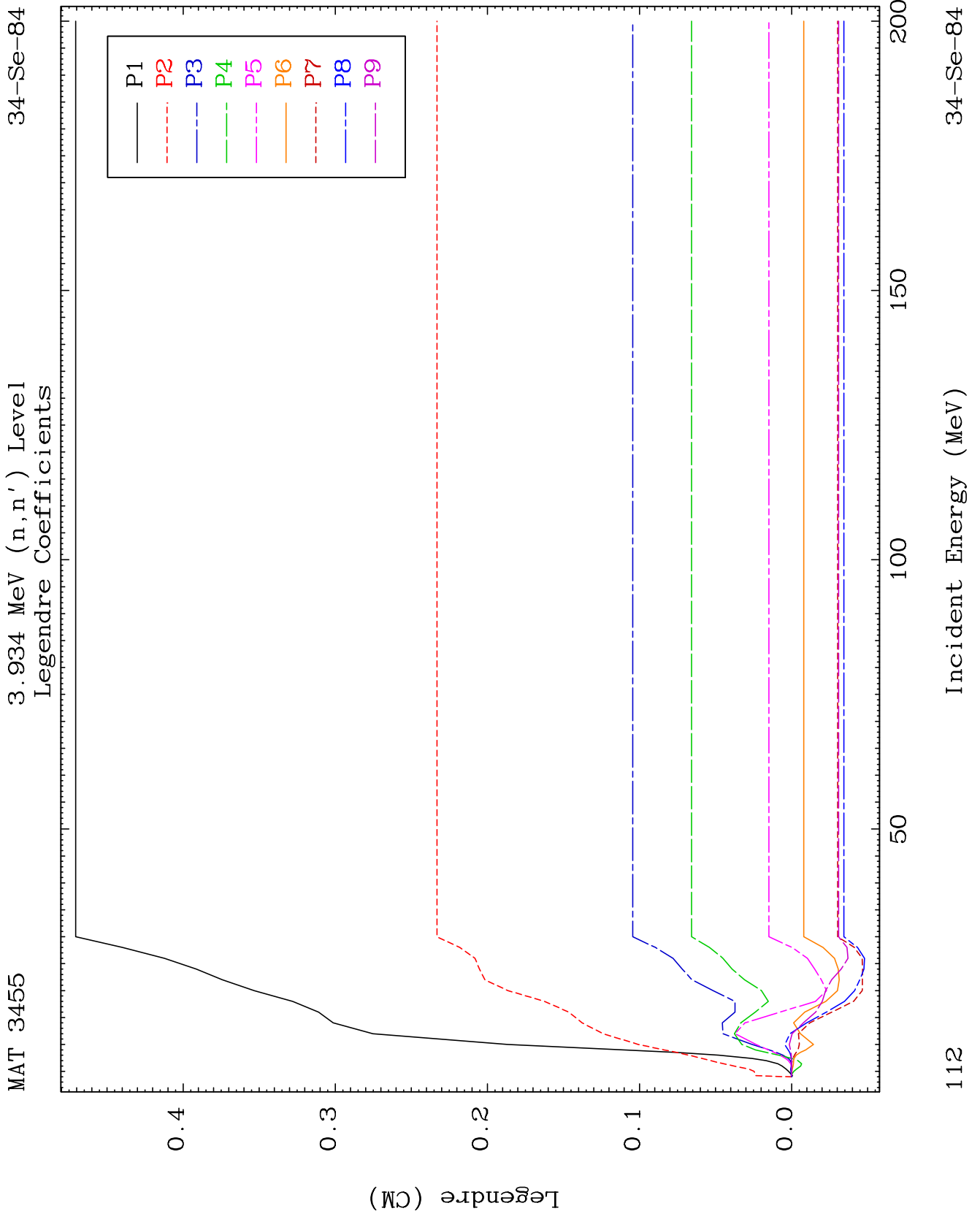








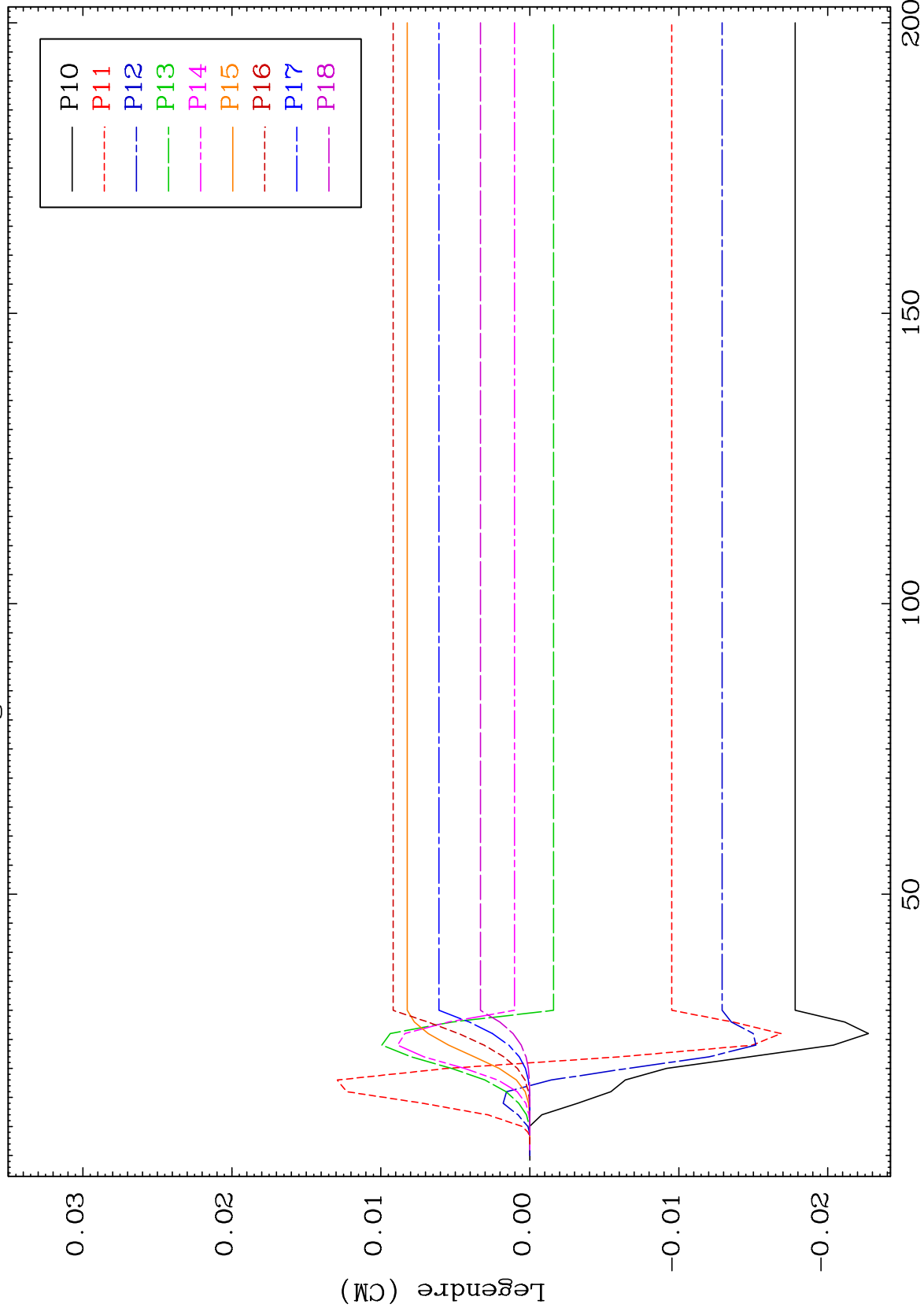




MAT 3455

3.934 MeV (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-84



113

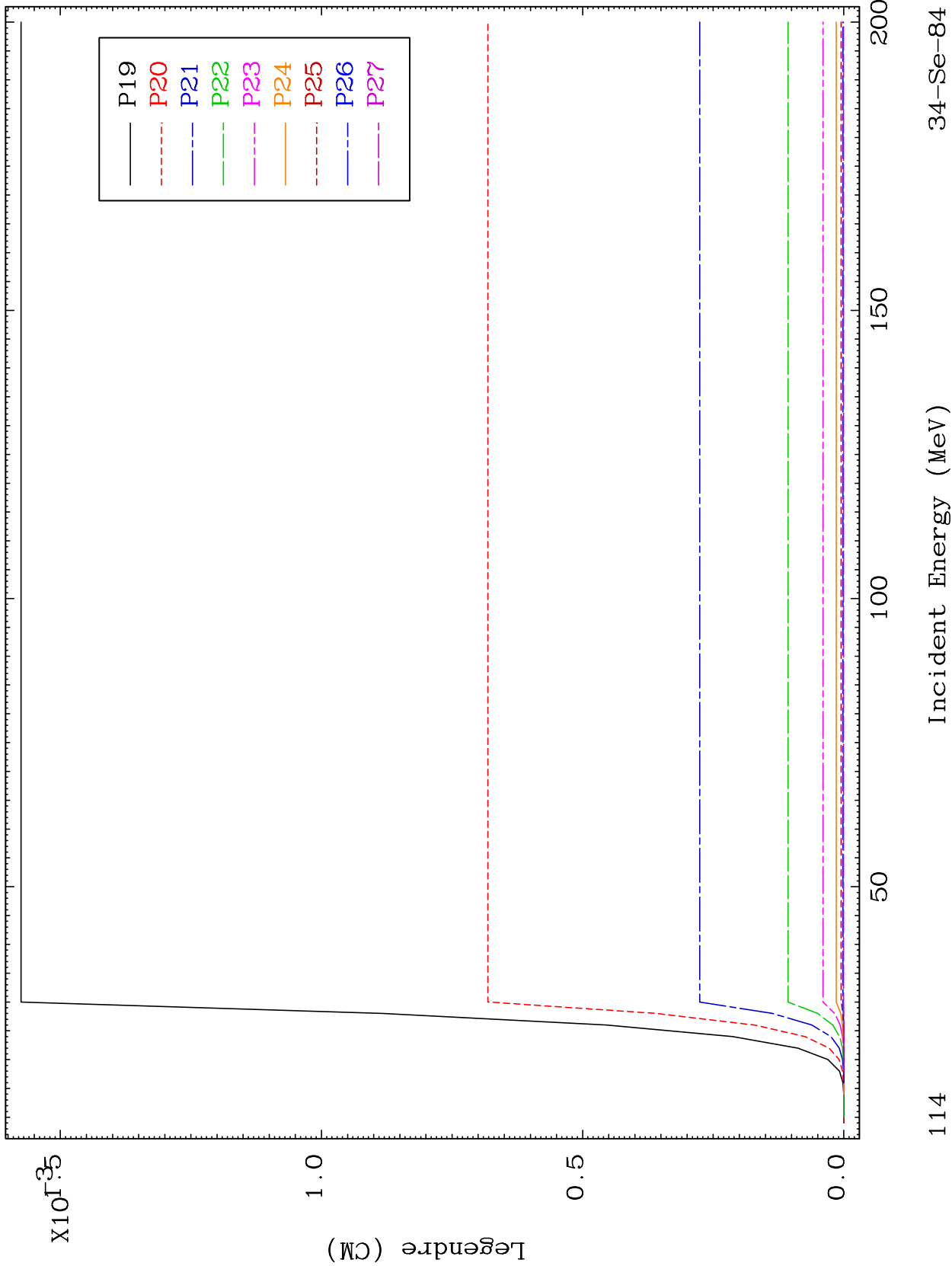
Incident Energy (MeV)

<sup>34</sup>Se-84

MAT 3455

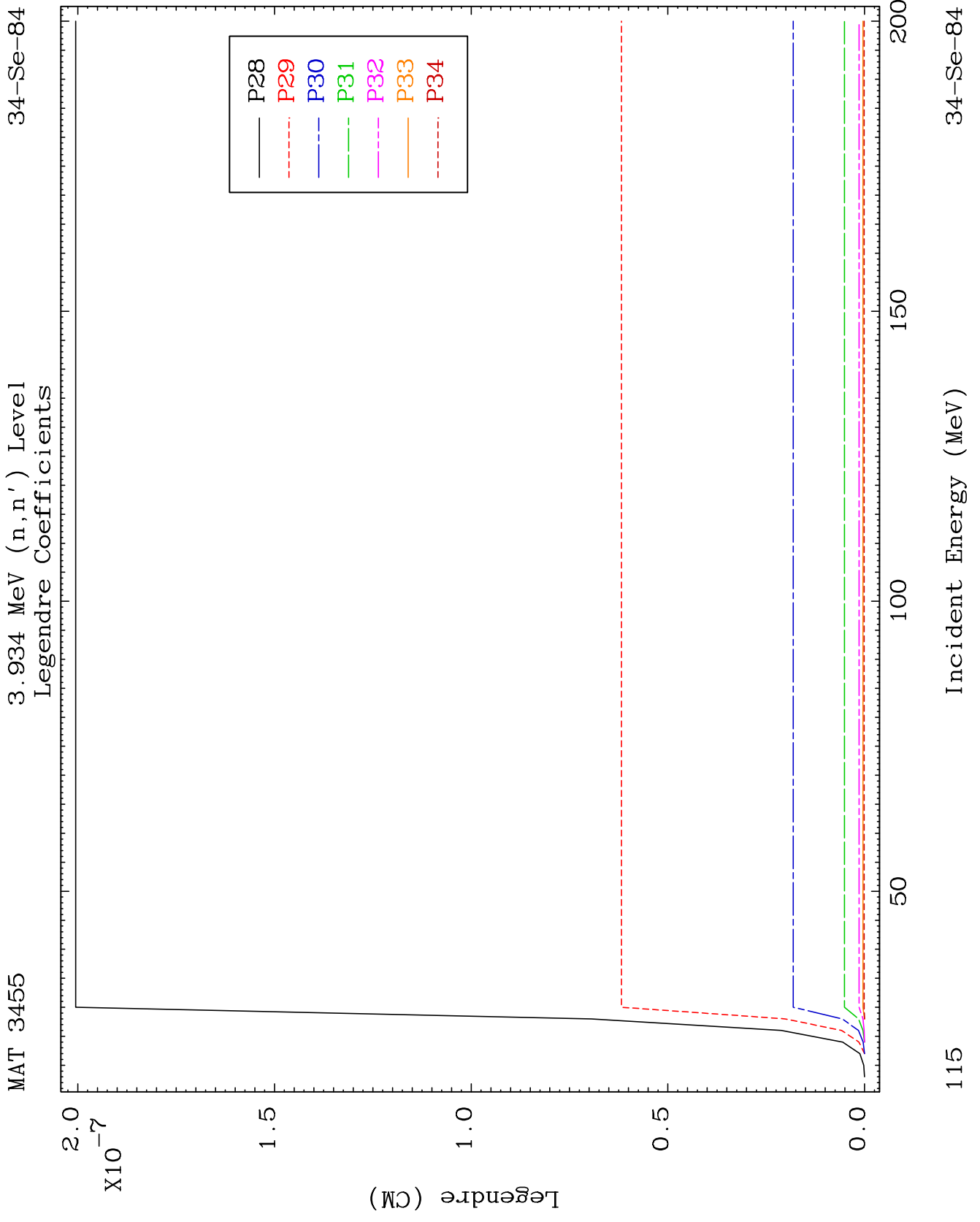
3.934 MeV (n,n') Level  
Legendre Coefficients

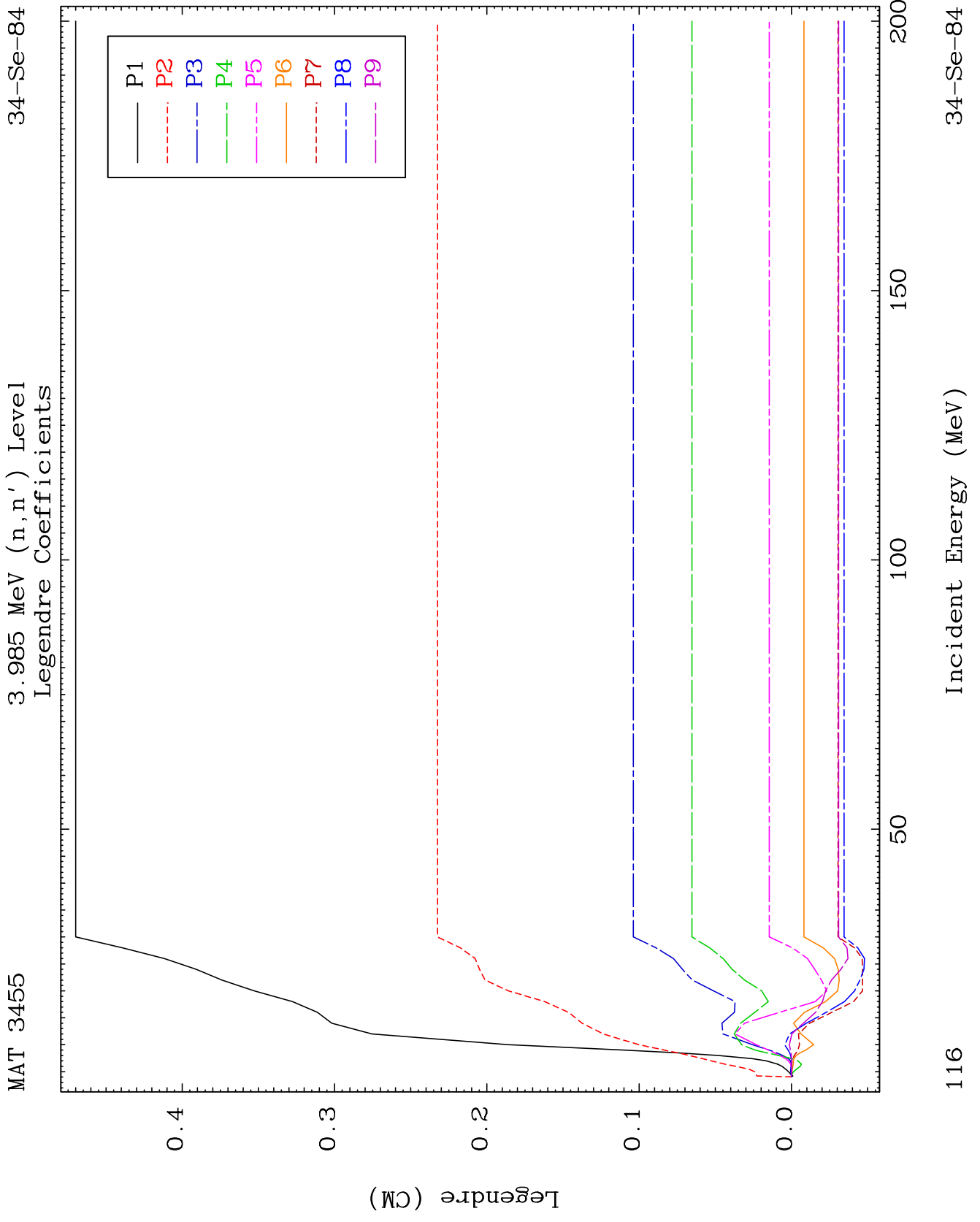
34-Se-84



114

34-Se-84



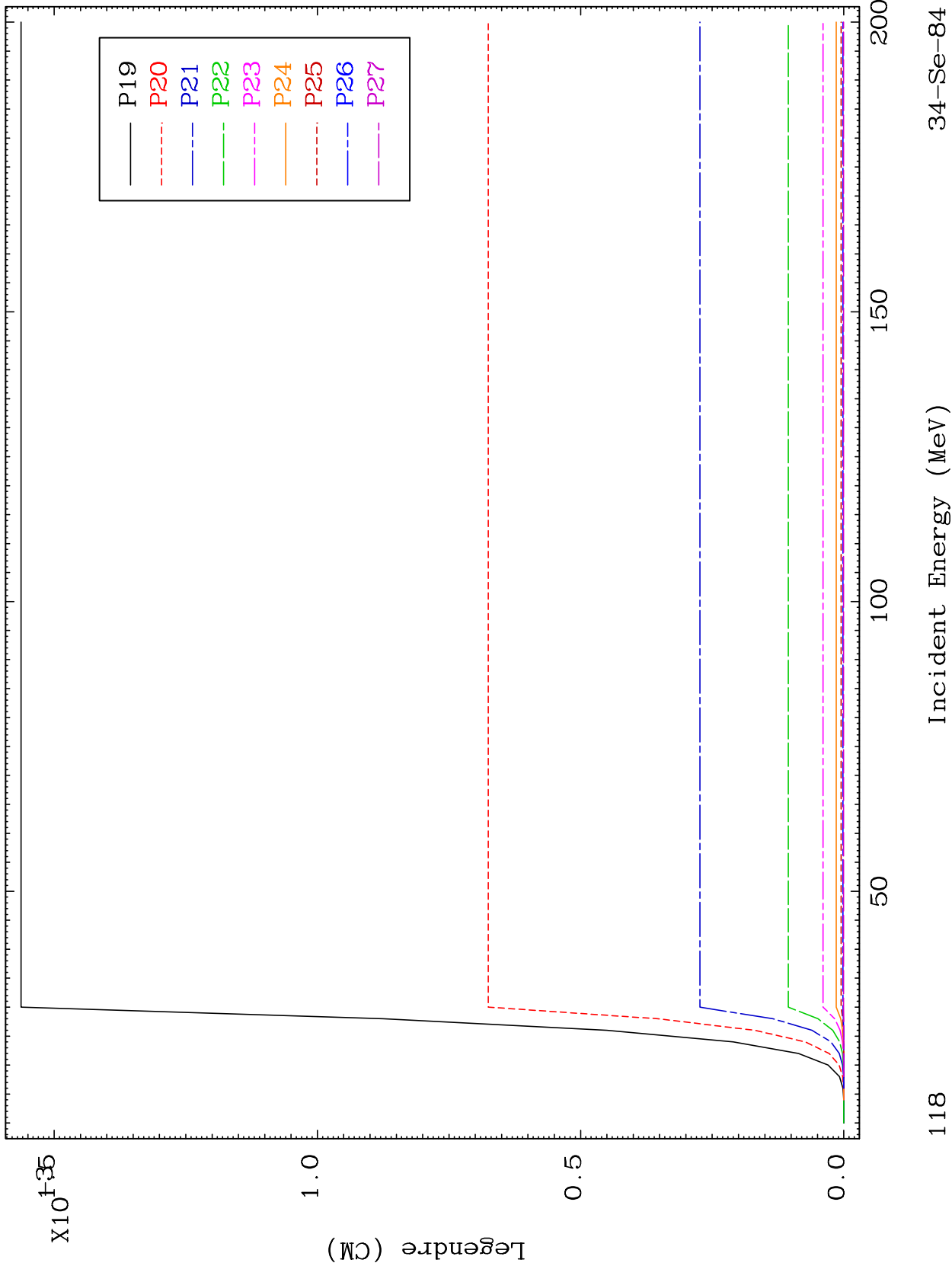




MAT 3455

3.985 MeV (n,n') Level  
Legendre Coefficients

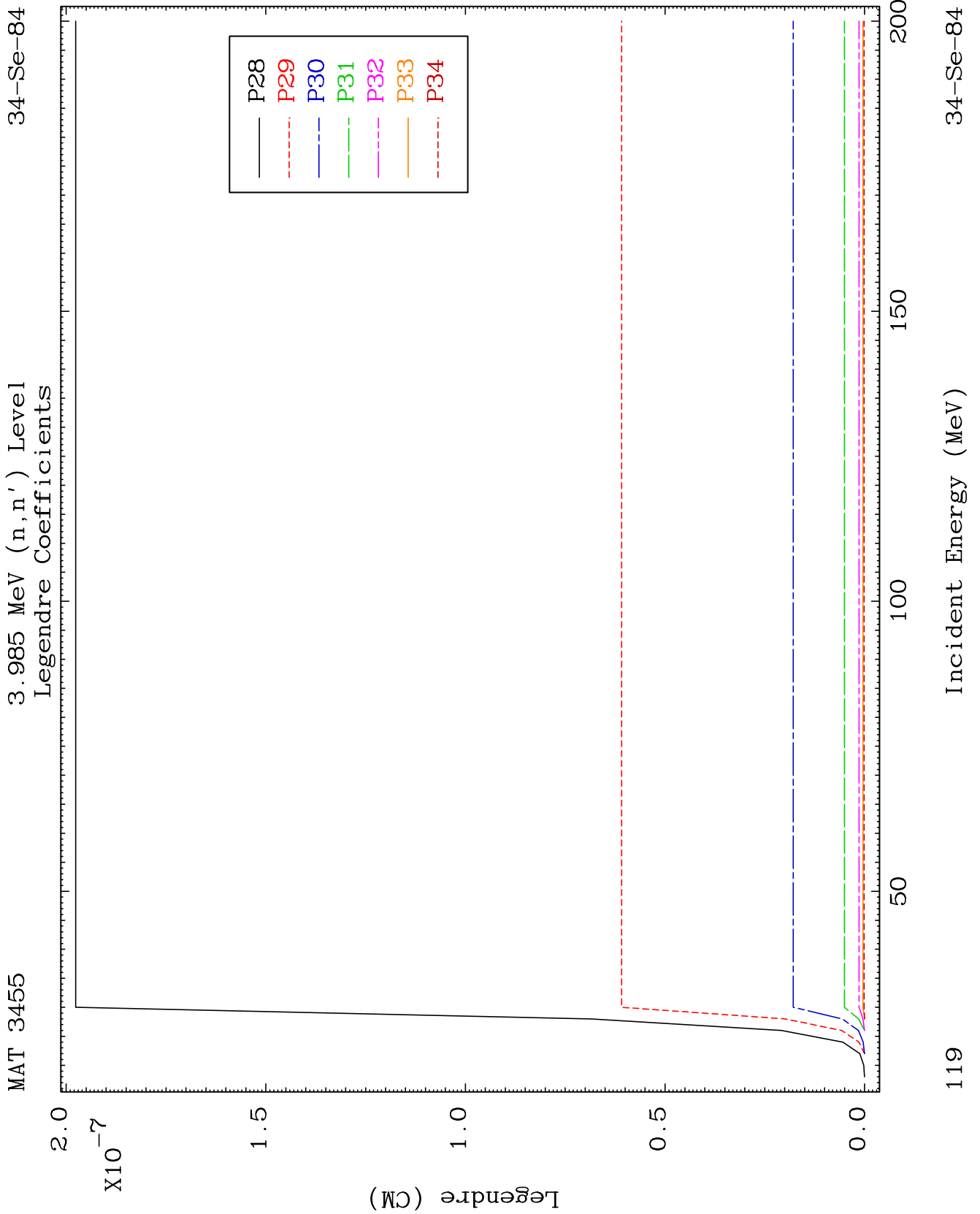
34-Se-84



118

Incident Energy (MeV)

34-Se-84



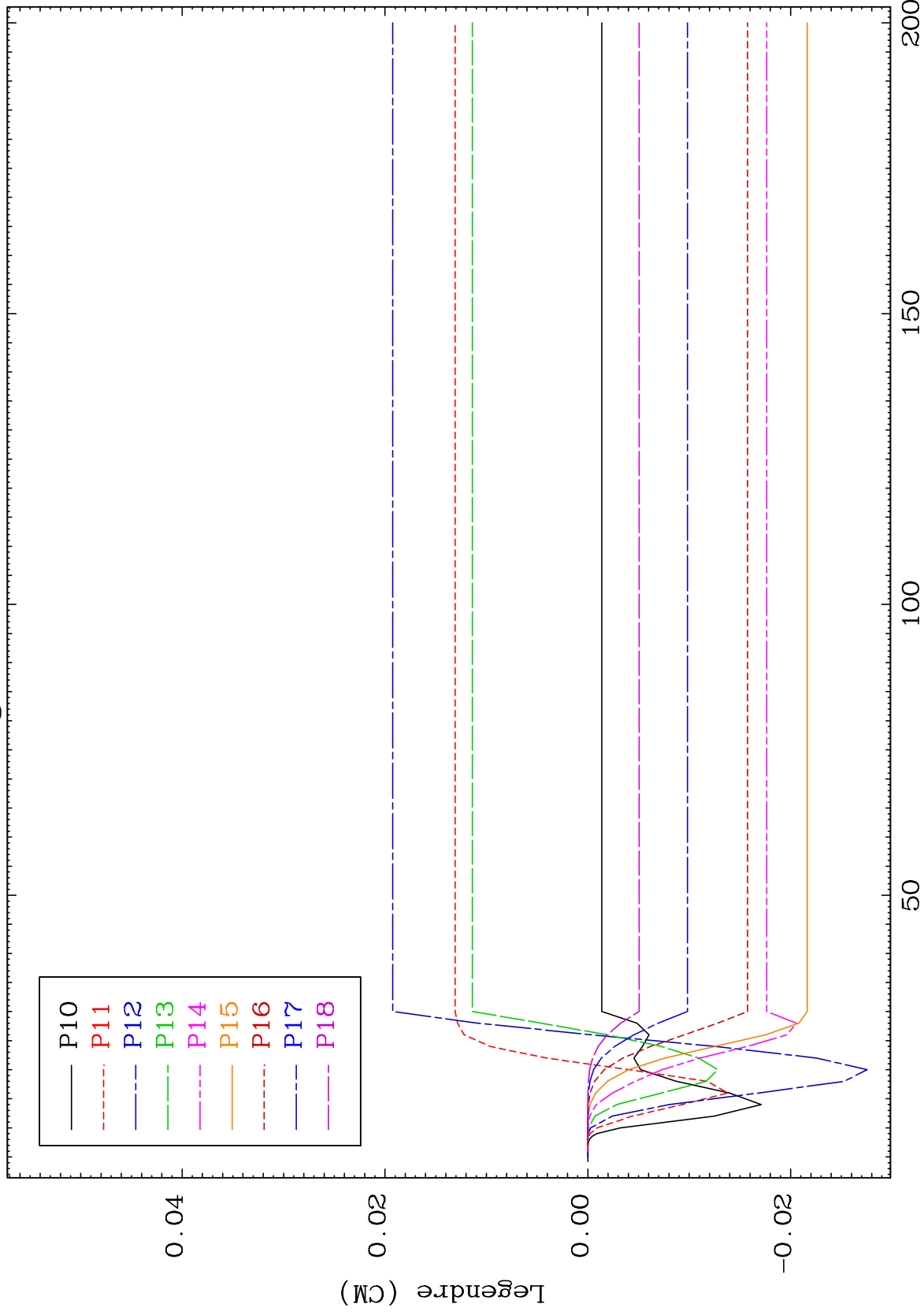




MAT 3455

4.082 MeV (n,n') Level  
Legendre Coefficients

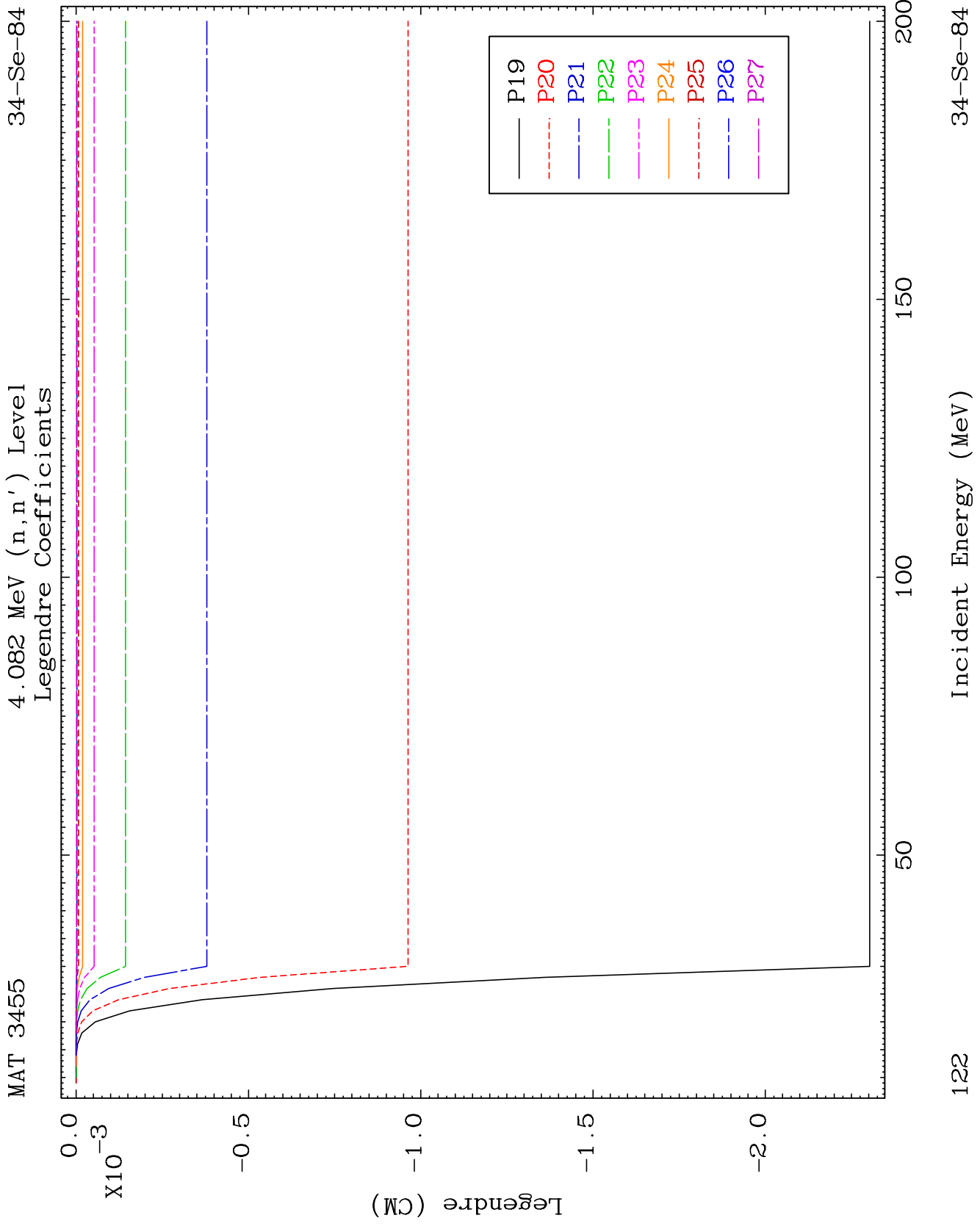
34-Se-84

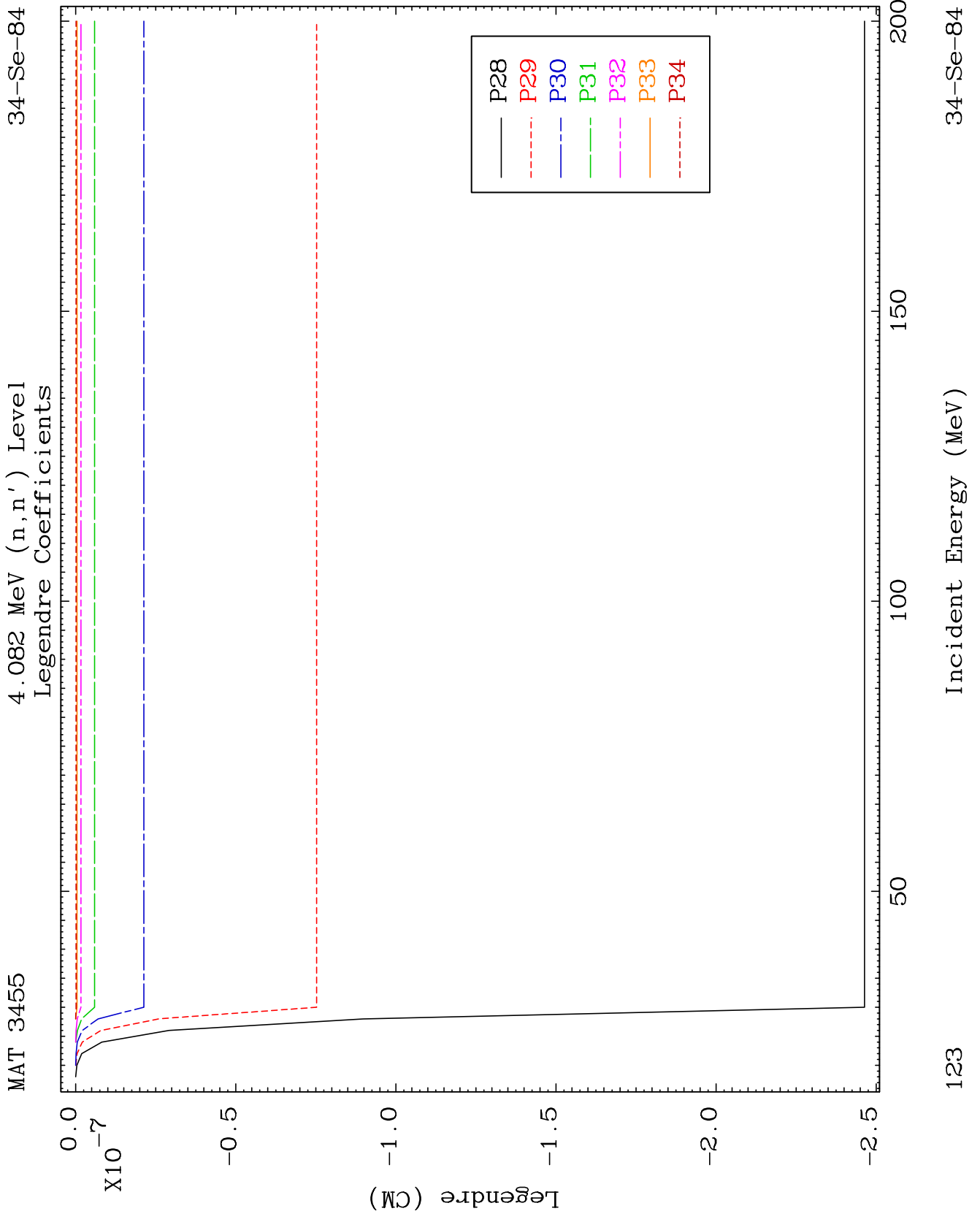


121

Incident Energy (MeV)

34-Se-84



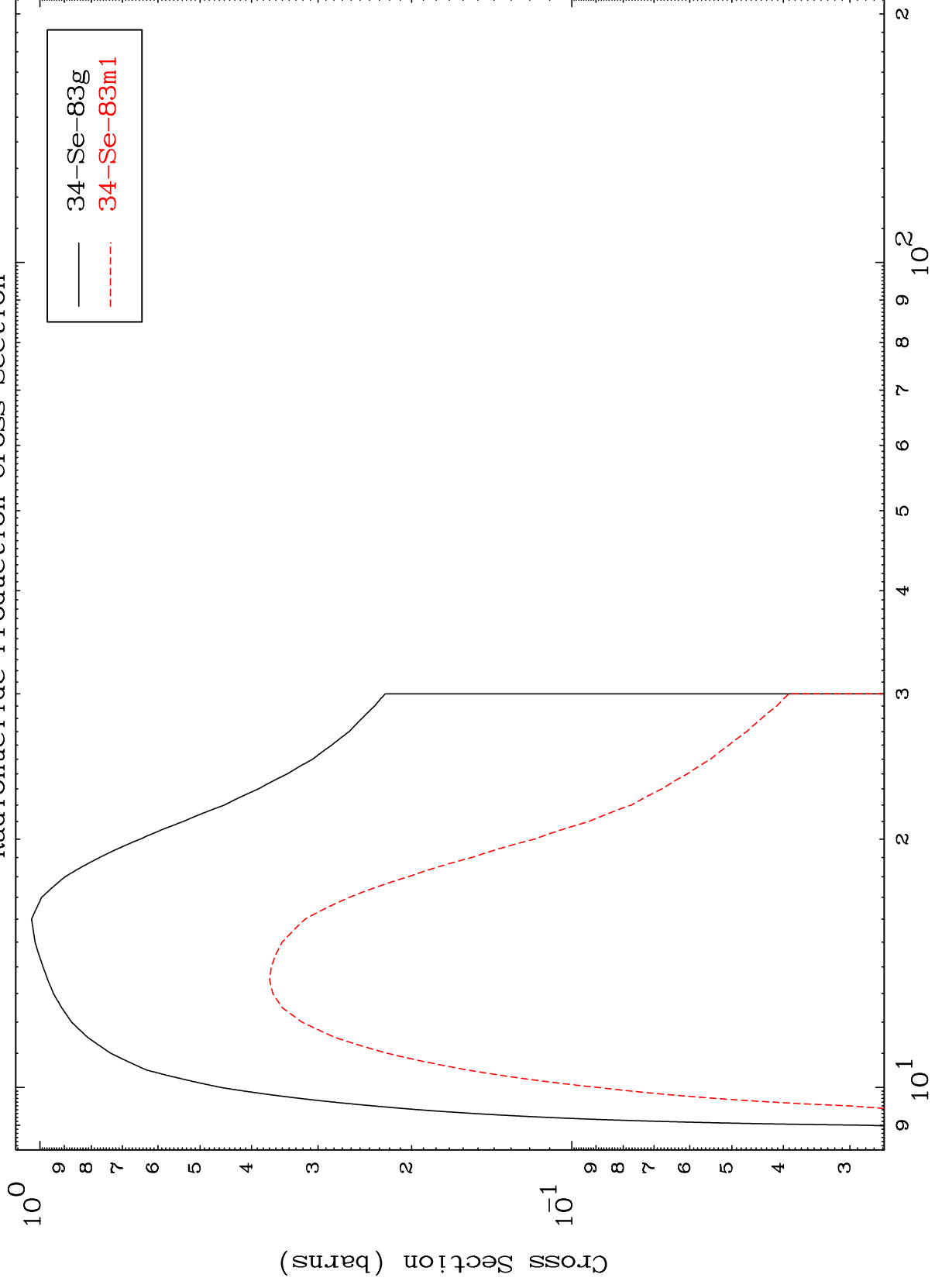


MAT 3455

<sup>34</sup>Se-84

(n,2n)

Radionuclide Production Cross Section



34-Se-83g  
34-Se-83m1

124

Incident Energy (MeV)

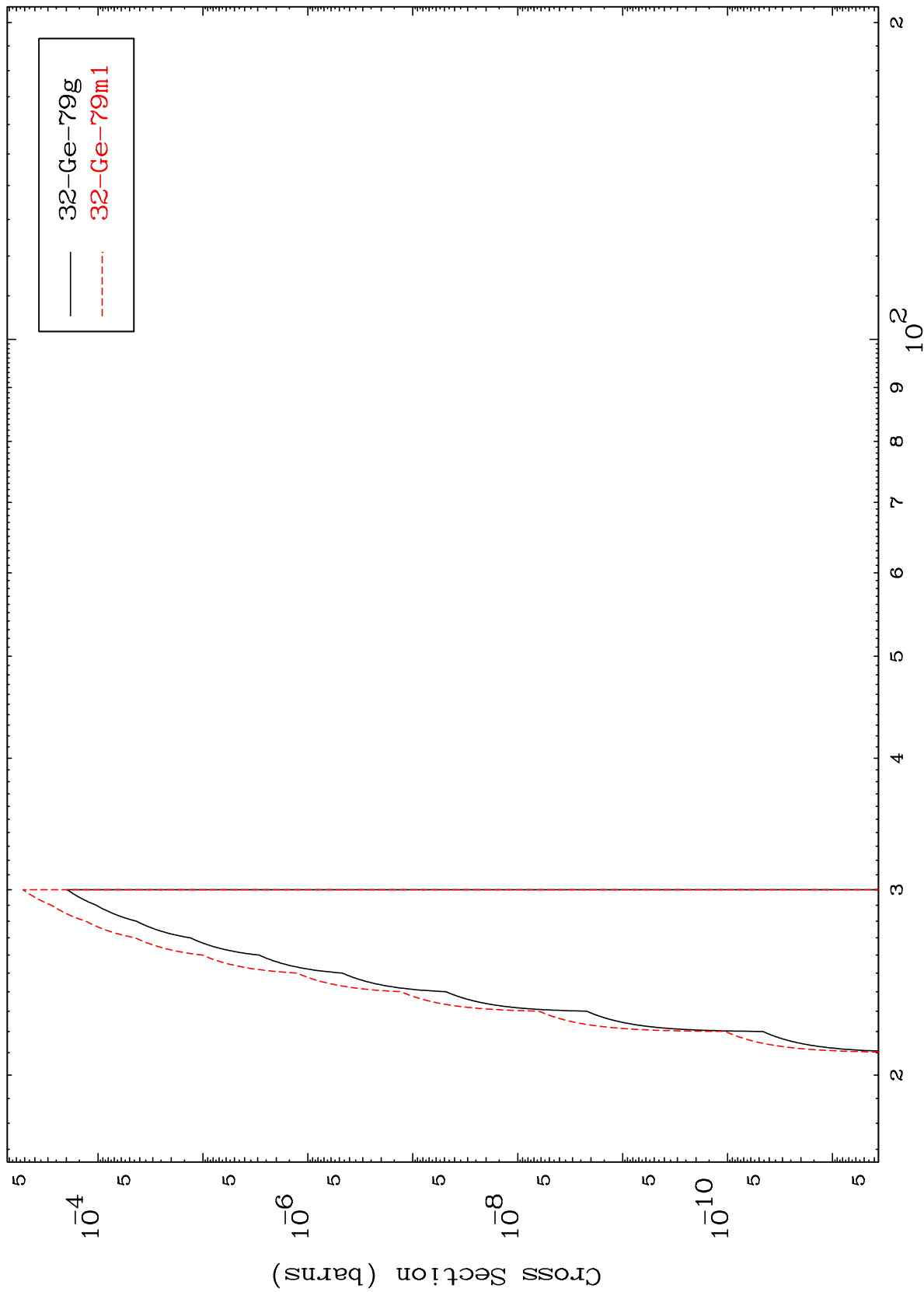
<sup>34</sup>Se-84

MAT 3455

<sup>34</sup>Se-84

(n,2n) α

Radionuclide Production Cross Section



125

Incident Energy (MeV)

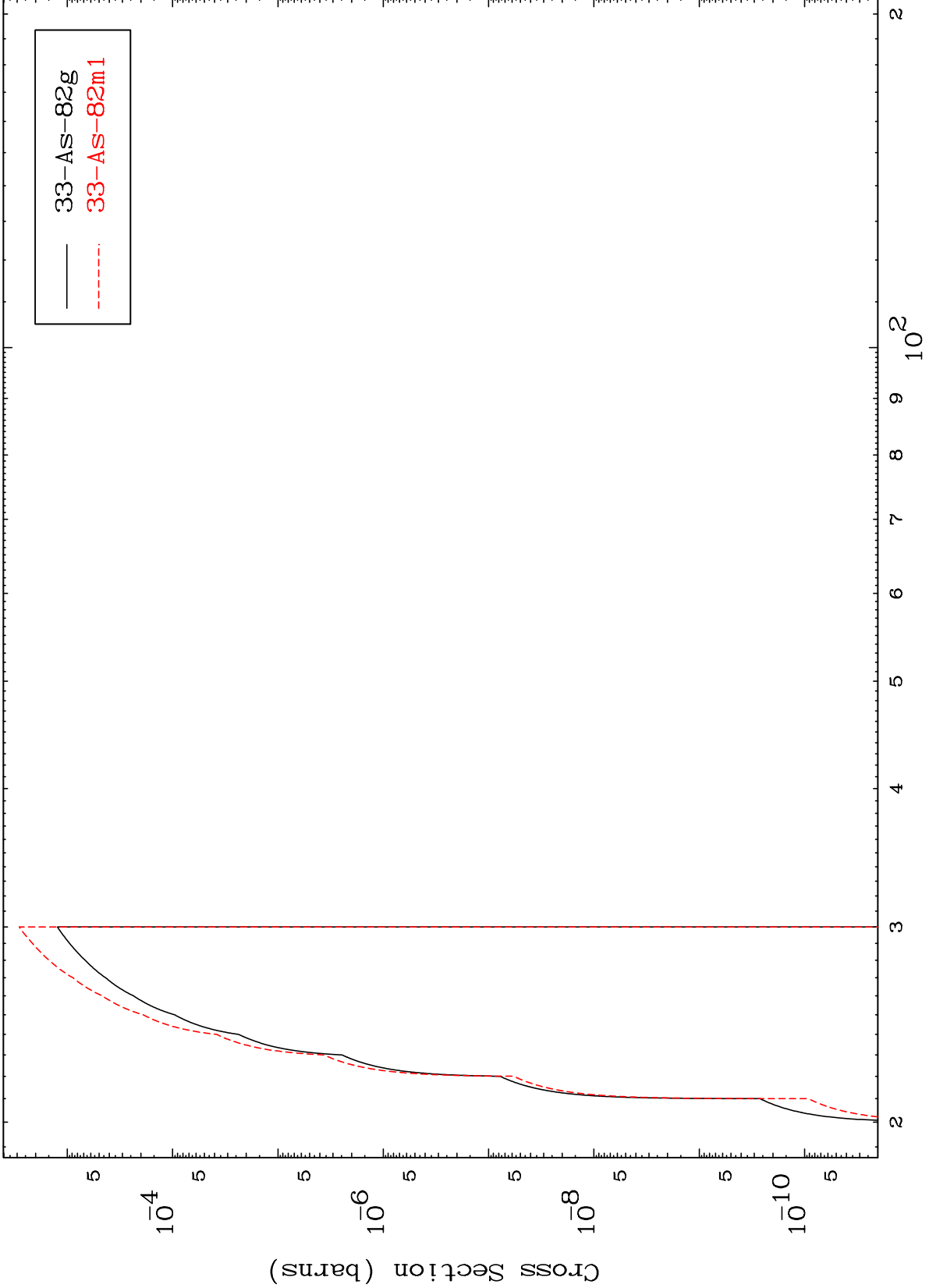
<sup>34</sup>Se-84

MAT 3455

(n,n') d

34-Se-84

Radionuclide Production Cross Section



126

Incident Energy (MeV)

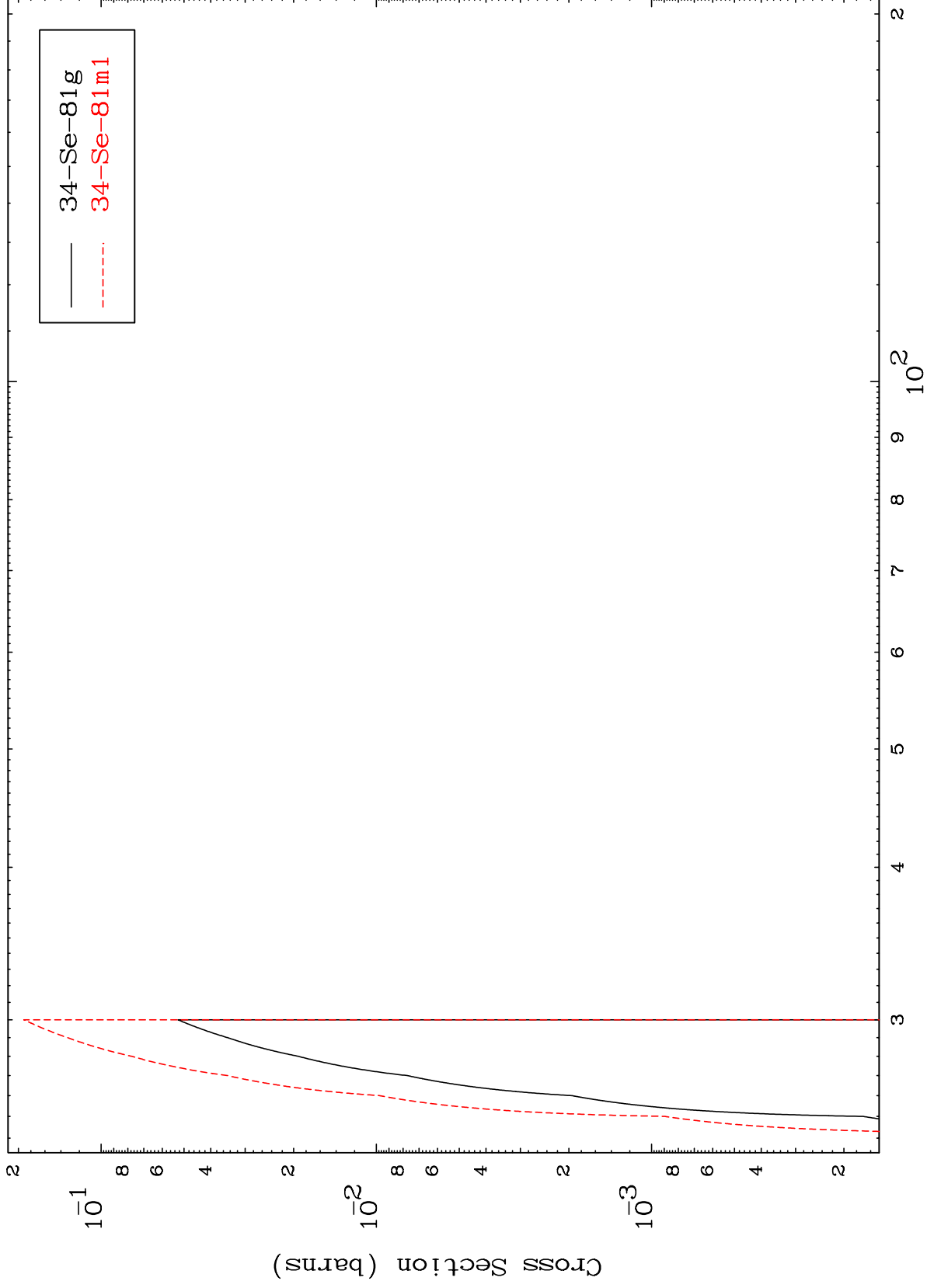
34-Se-84

MAT 3455

(n,4n)

<sup>34</sup>Se-84

Radionuclide Production Cross Section



127

Incident Energy (MeV)

<sup>34</sup>Se-84

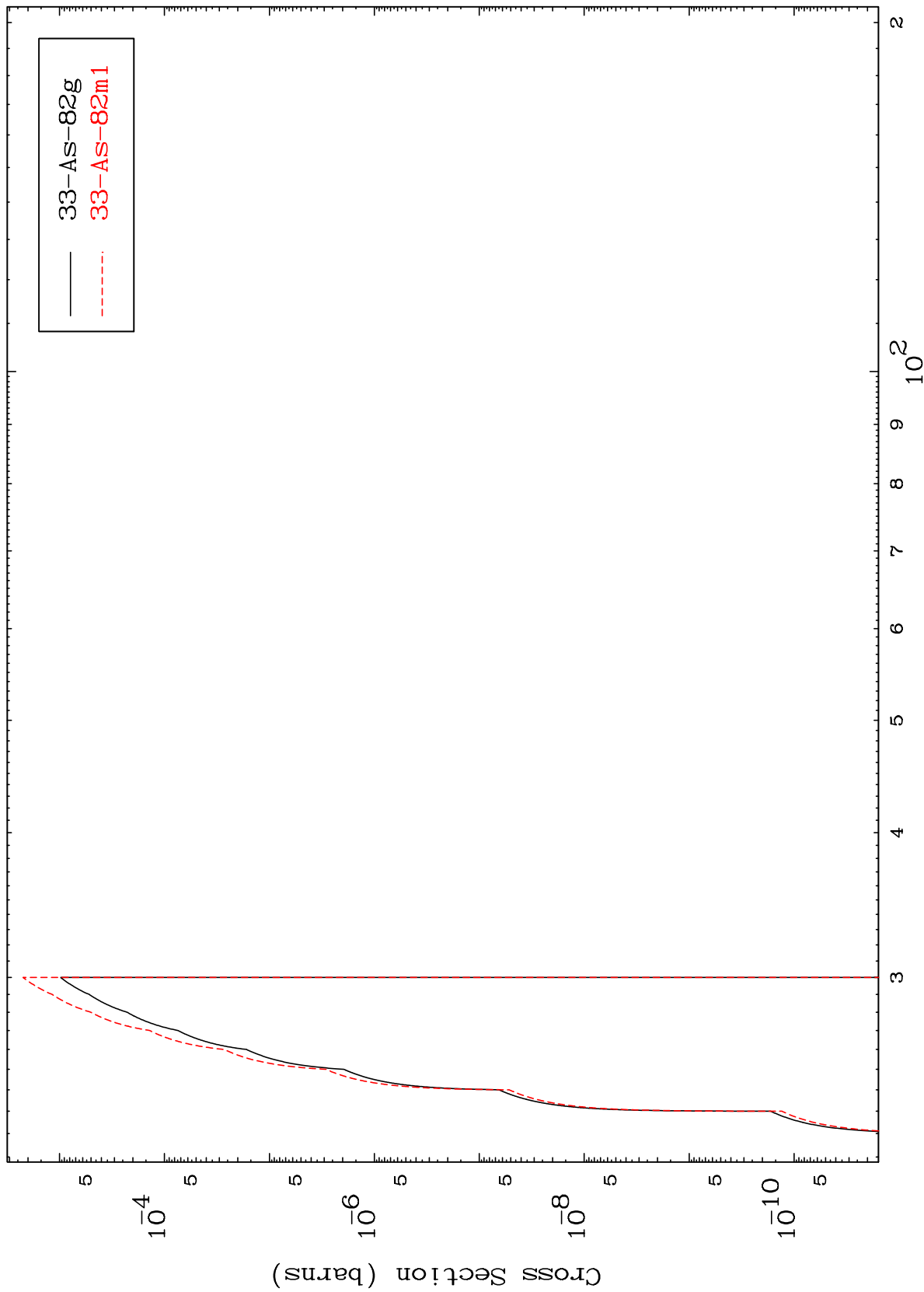


MAT 3455

(n,2n) p

34-Se-84

Radionuclide Production Cross Section



128

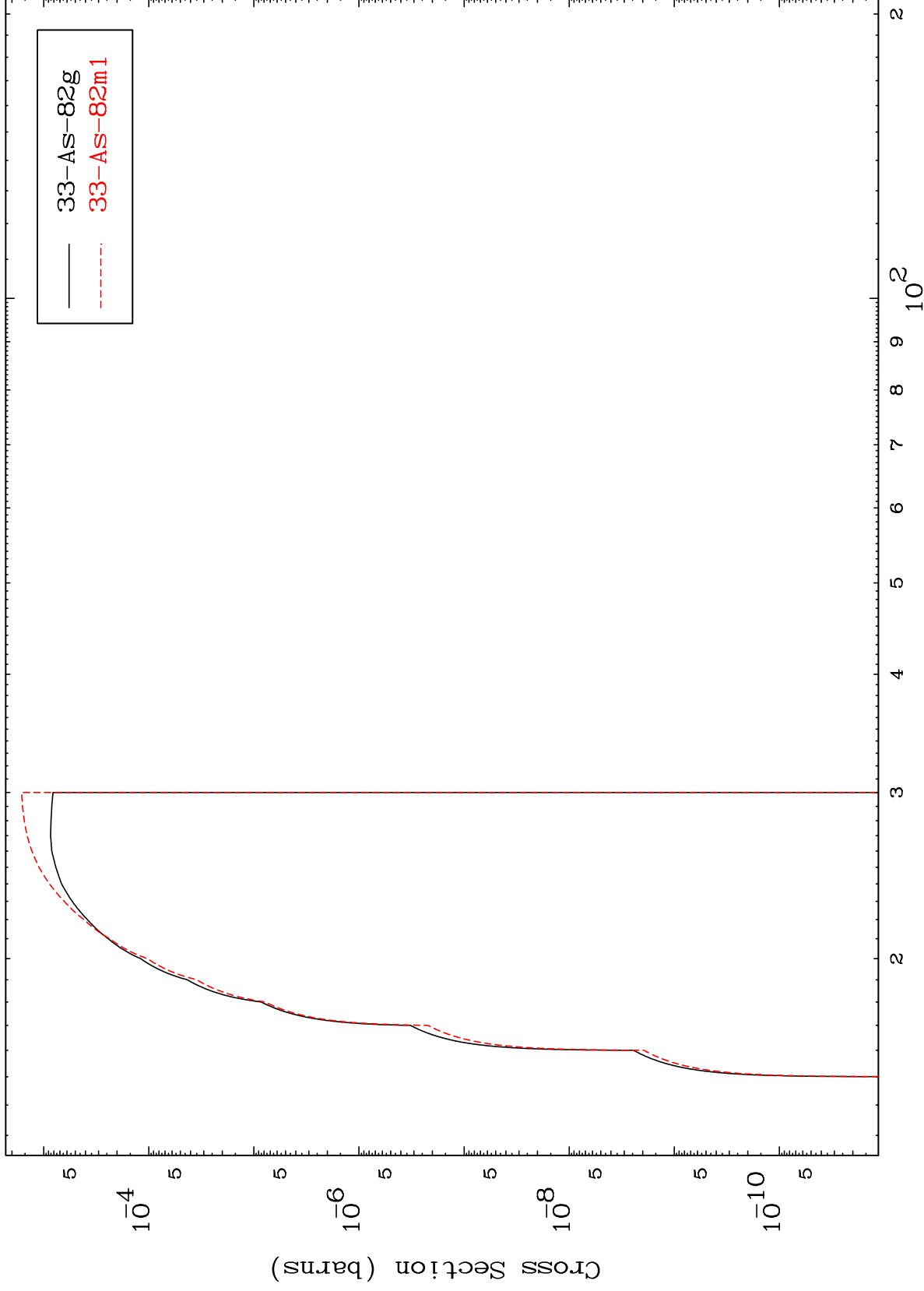
Incident Energy (MeV)

34-Se-84

MAT 3455

34-Se-84

(n,t)  
Radionuclide Production Cross Section



129

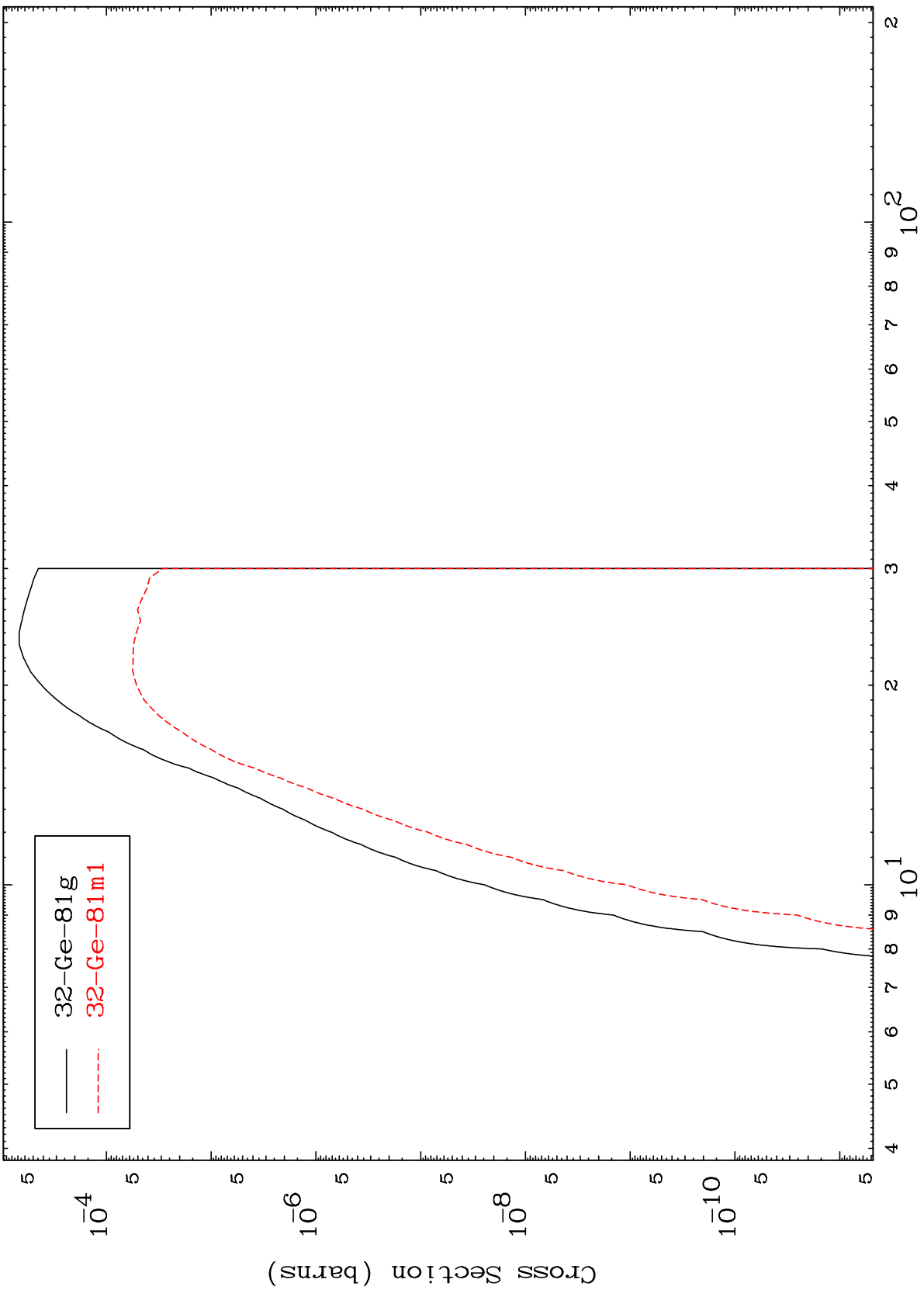
34-Se-84

Incident Energy (MeV)

MAT 3455

<sup>34</sup>Se-84

Radionuclide Production Cross Section (n,α)



Legend:  
— 32-Ge-81g  
- - - 32-Ge-81m1

130

Incident Energy (MeV)

<sup>34</sup>Se-84