

Program EVALPLOT  
(Version 2017-1)

by

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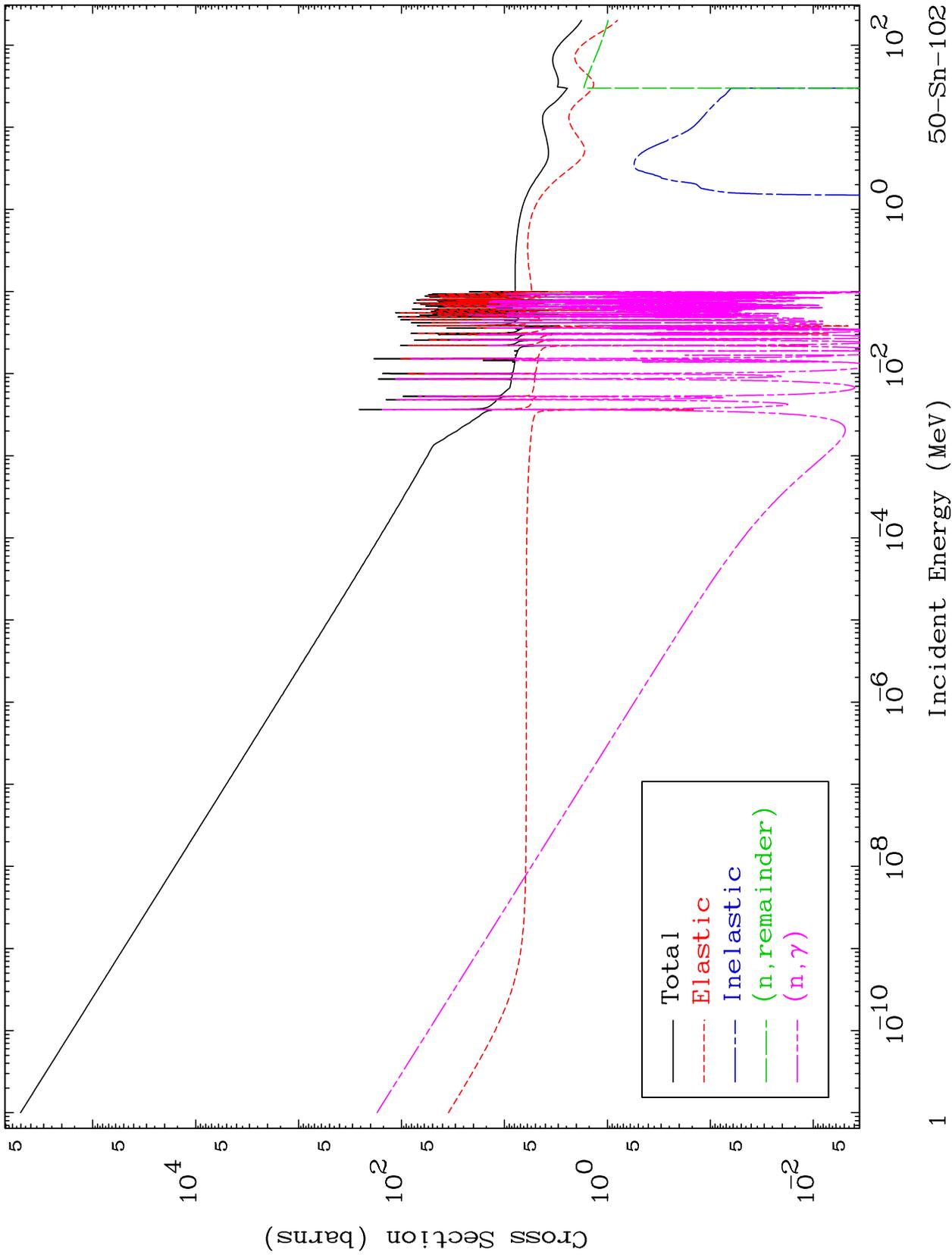
Press Mouse Button to Start

MAT 4995

Major

293 Kelvin Cross Sections

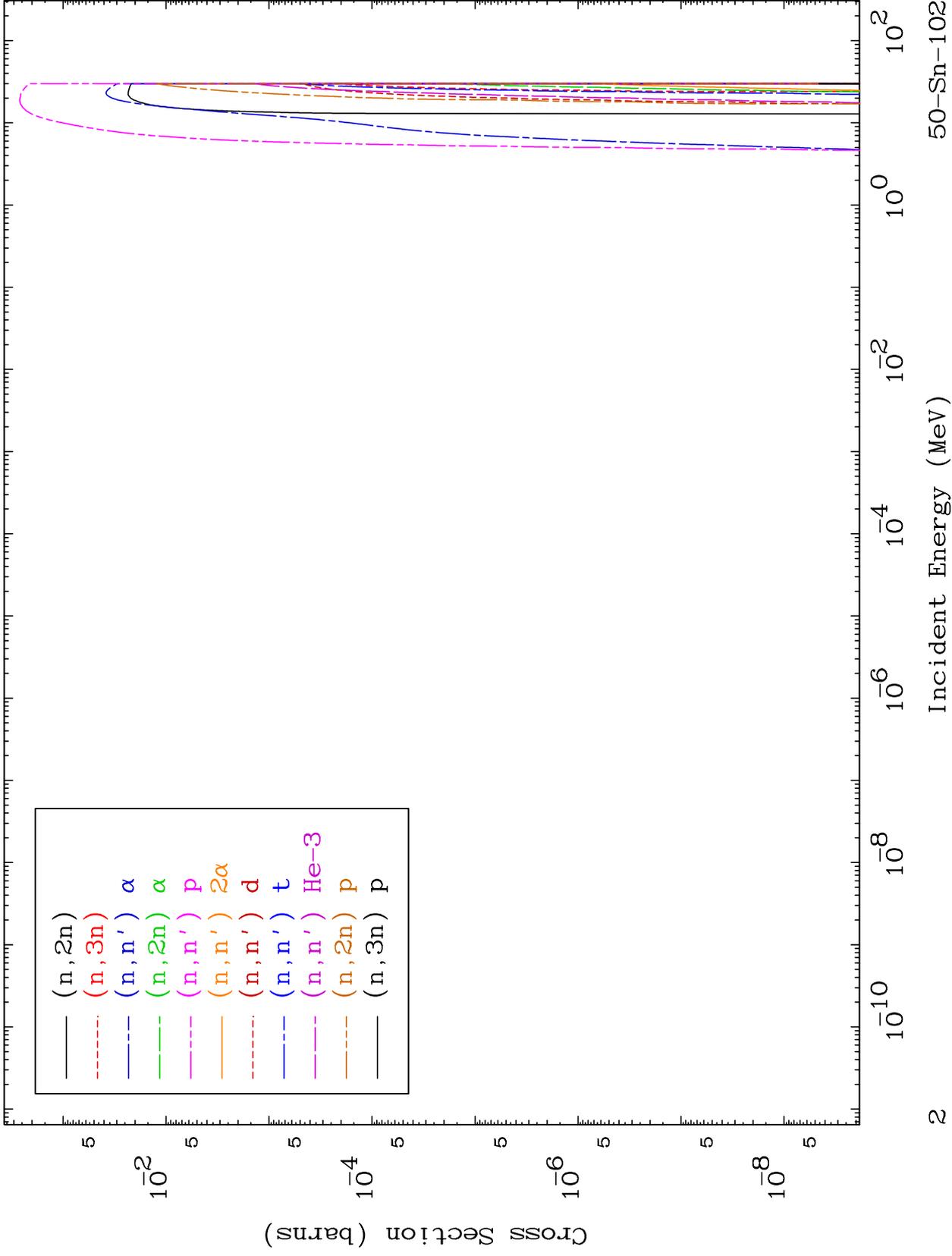
50-Sn-102



MAT 4995

Neutron Production  
293 Kelvin Cross Sections

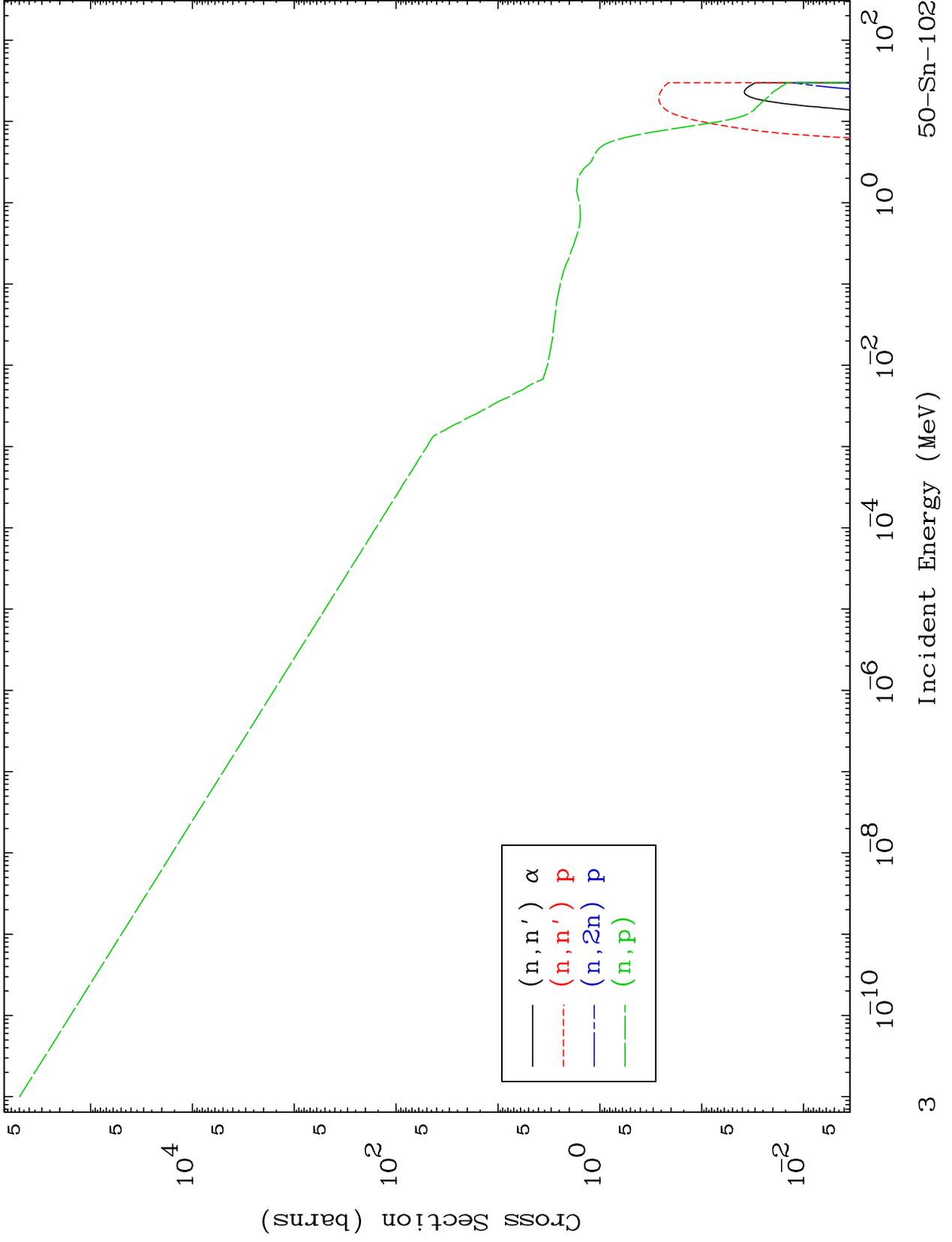
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MAT 4995

Charged Particle  
293 Kelvin Cross Sections

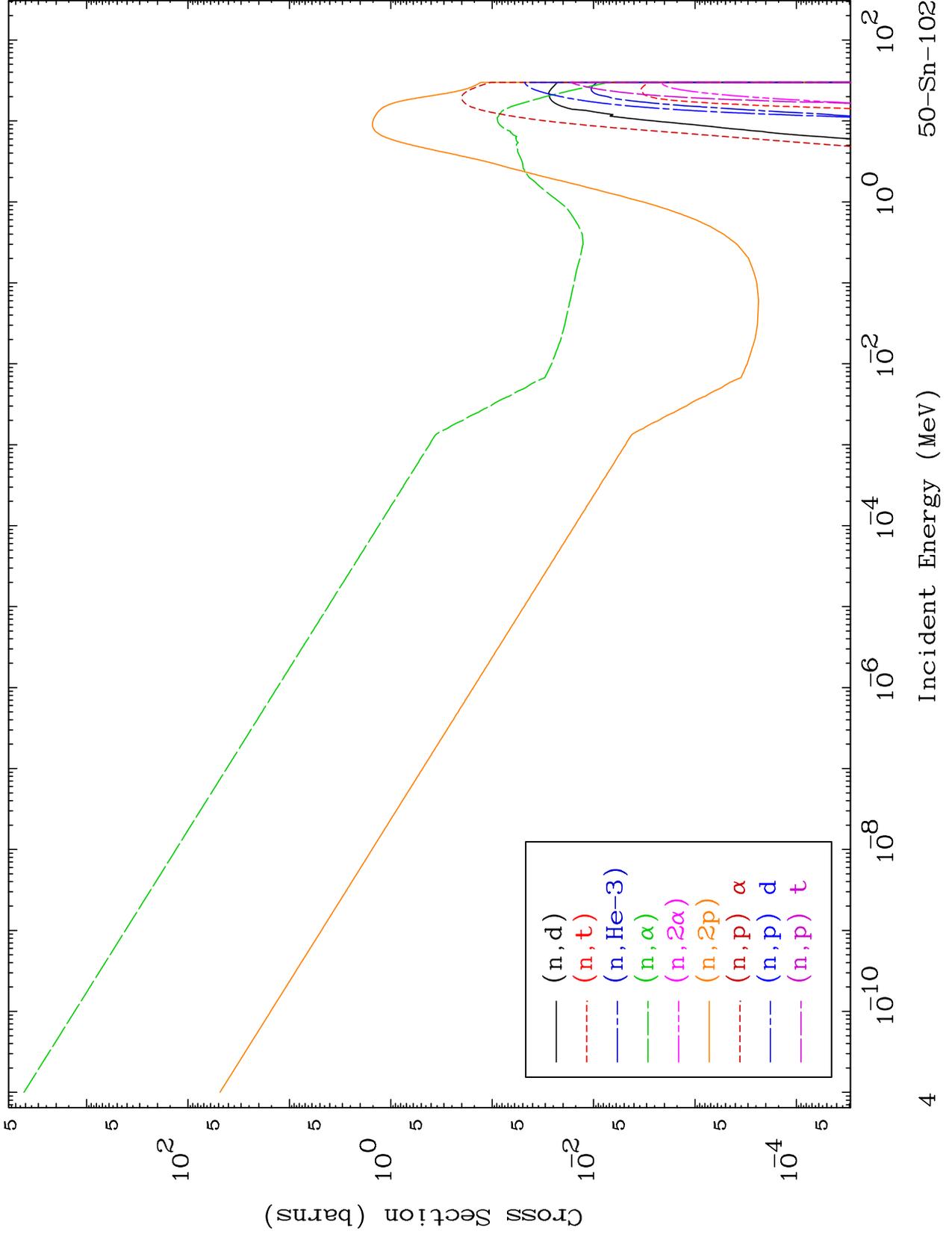
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MAT 4995

Charged Particle  
293 Kelvin Cross Sections

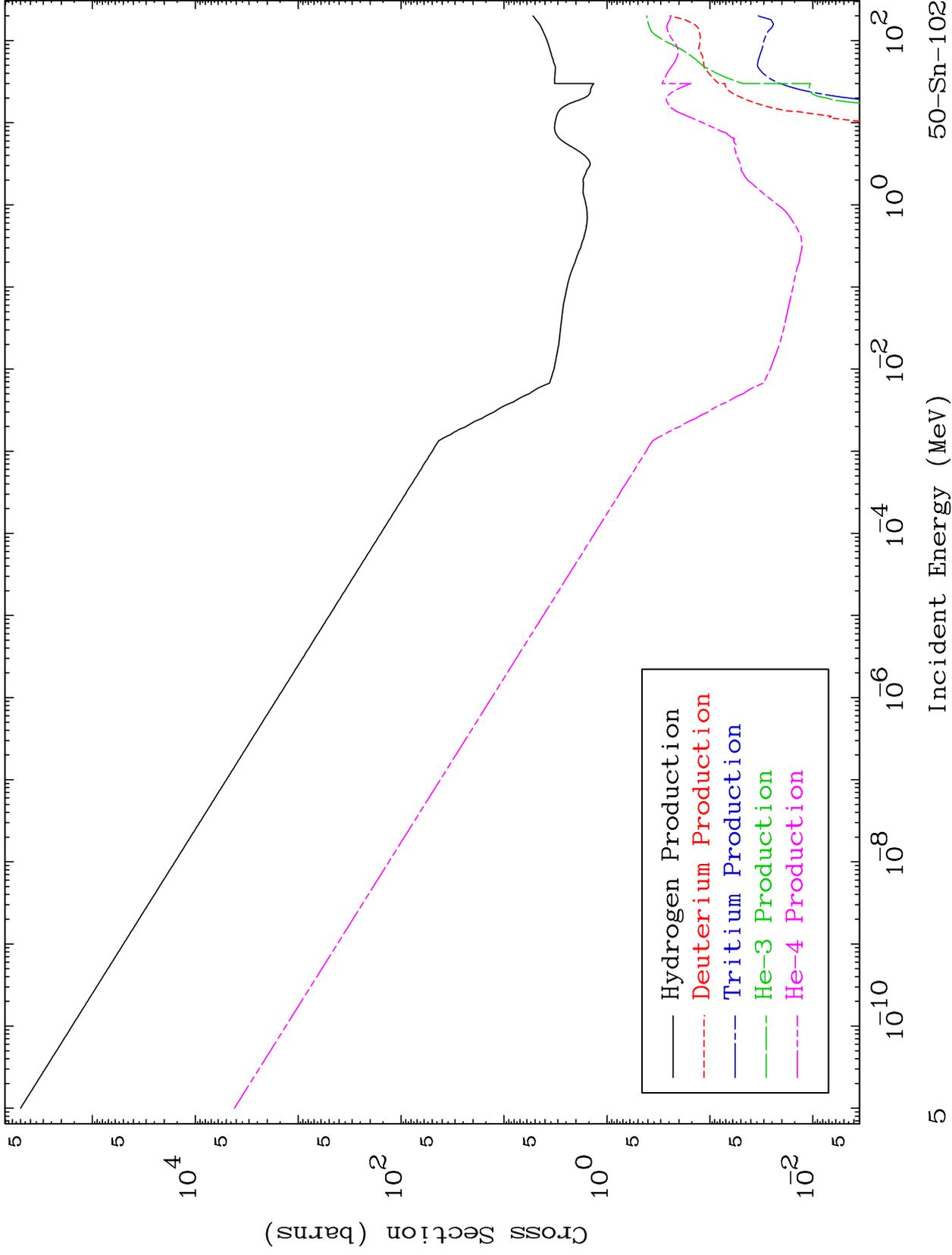
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MAT 4995

Particle Production  
293 Kelvin Cross Sections

50-Sn-102

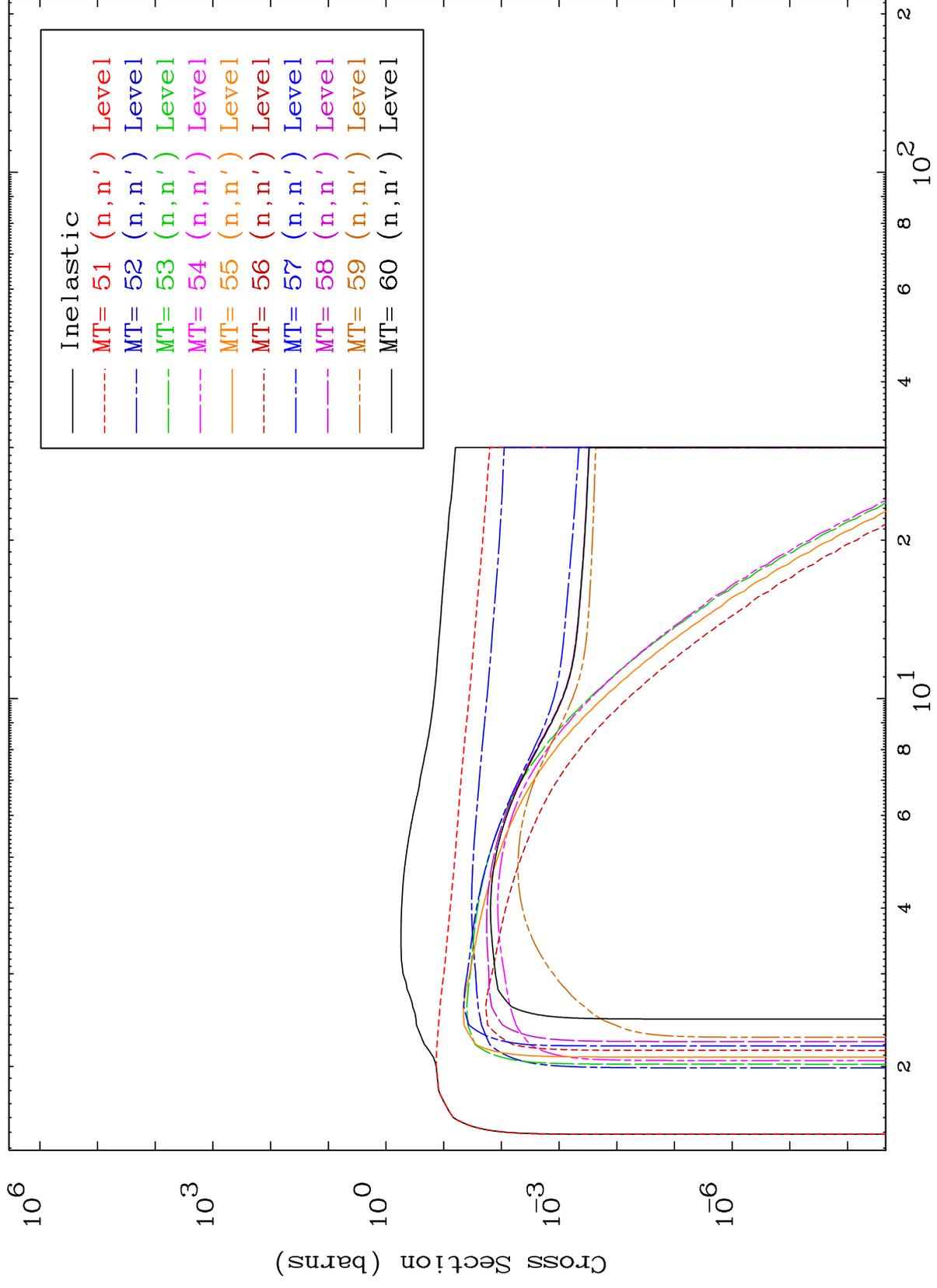


MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



6

Incident Energy (MeV)

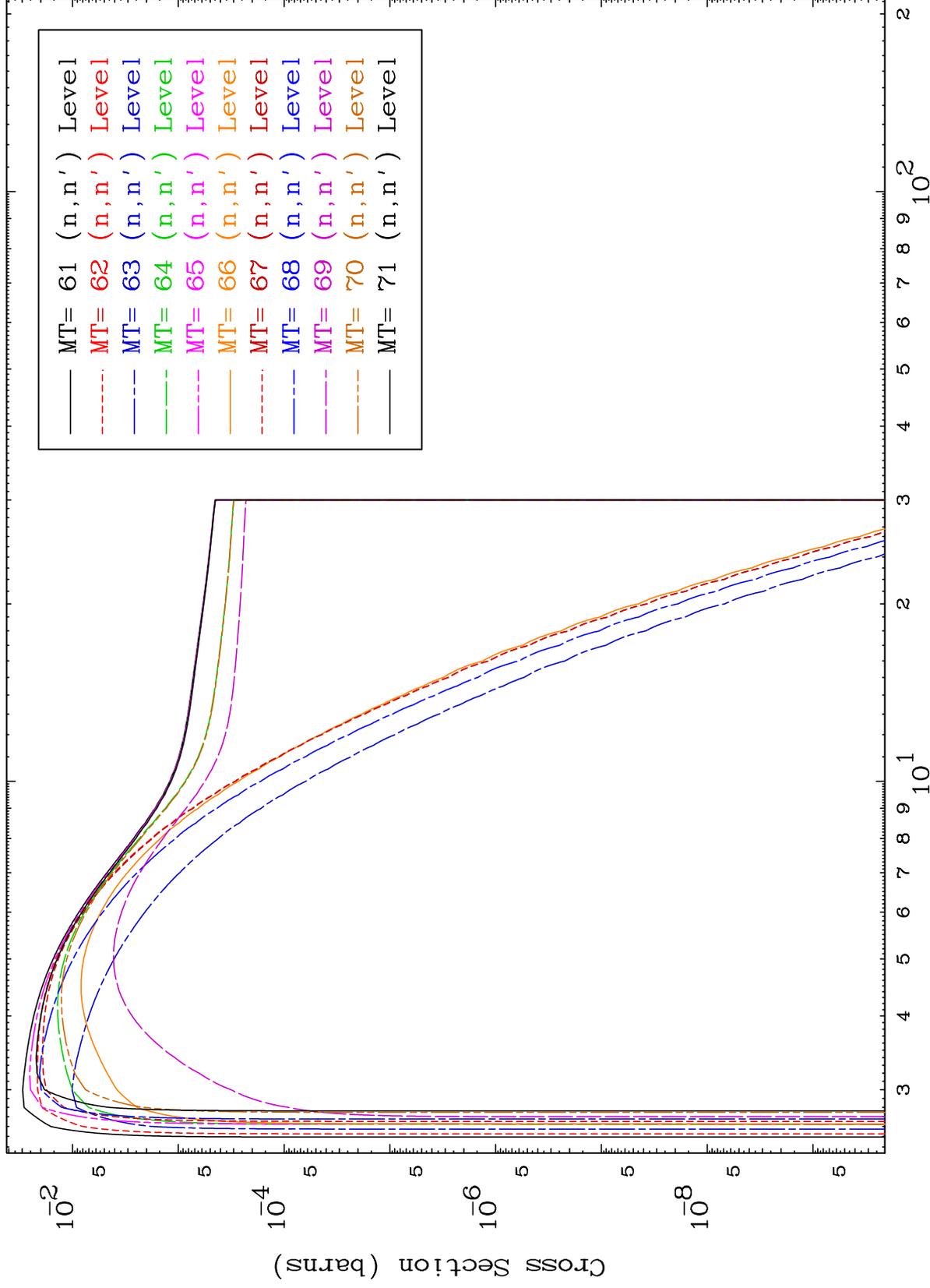
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MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

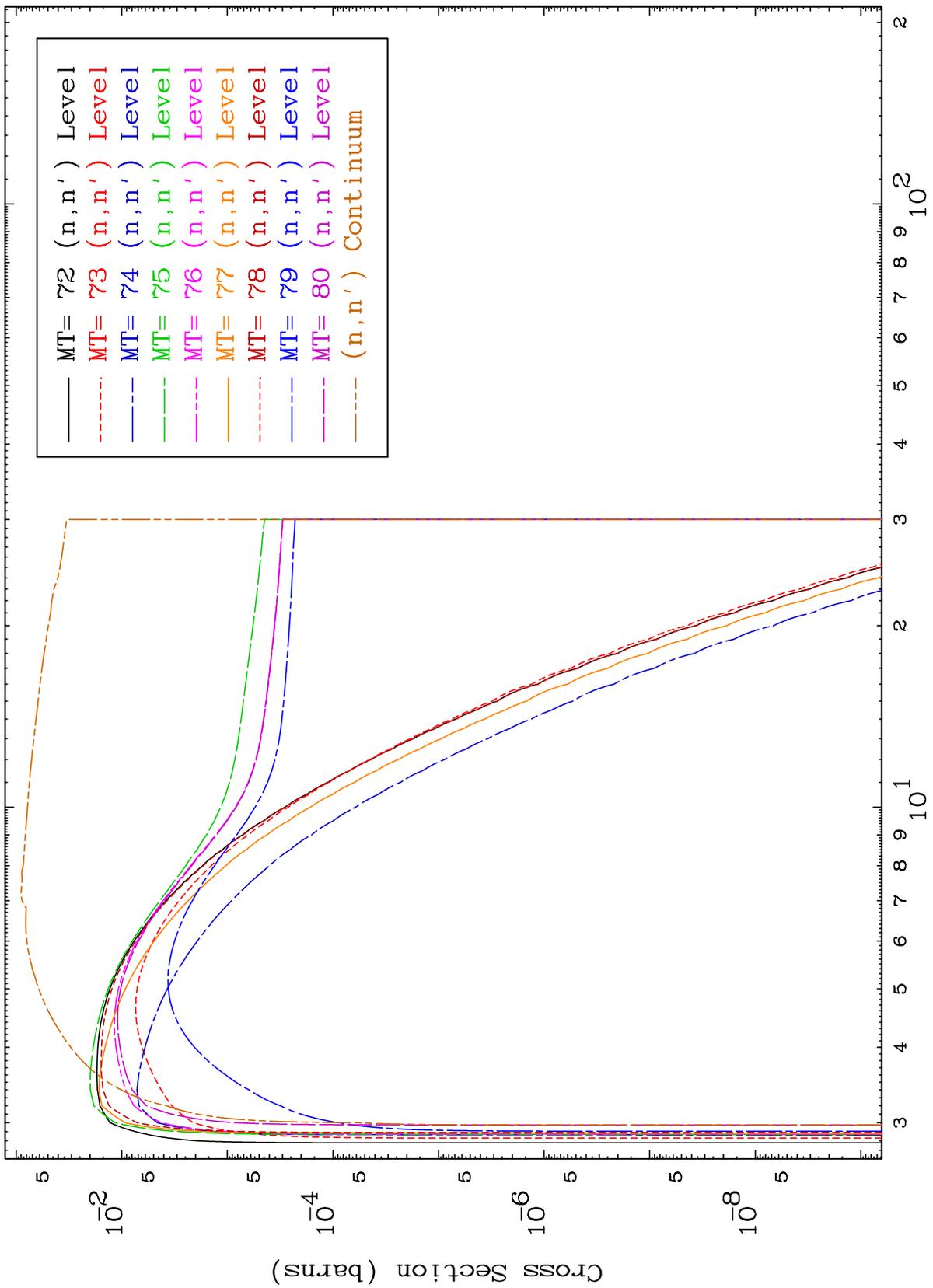
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MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



8

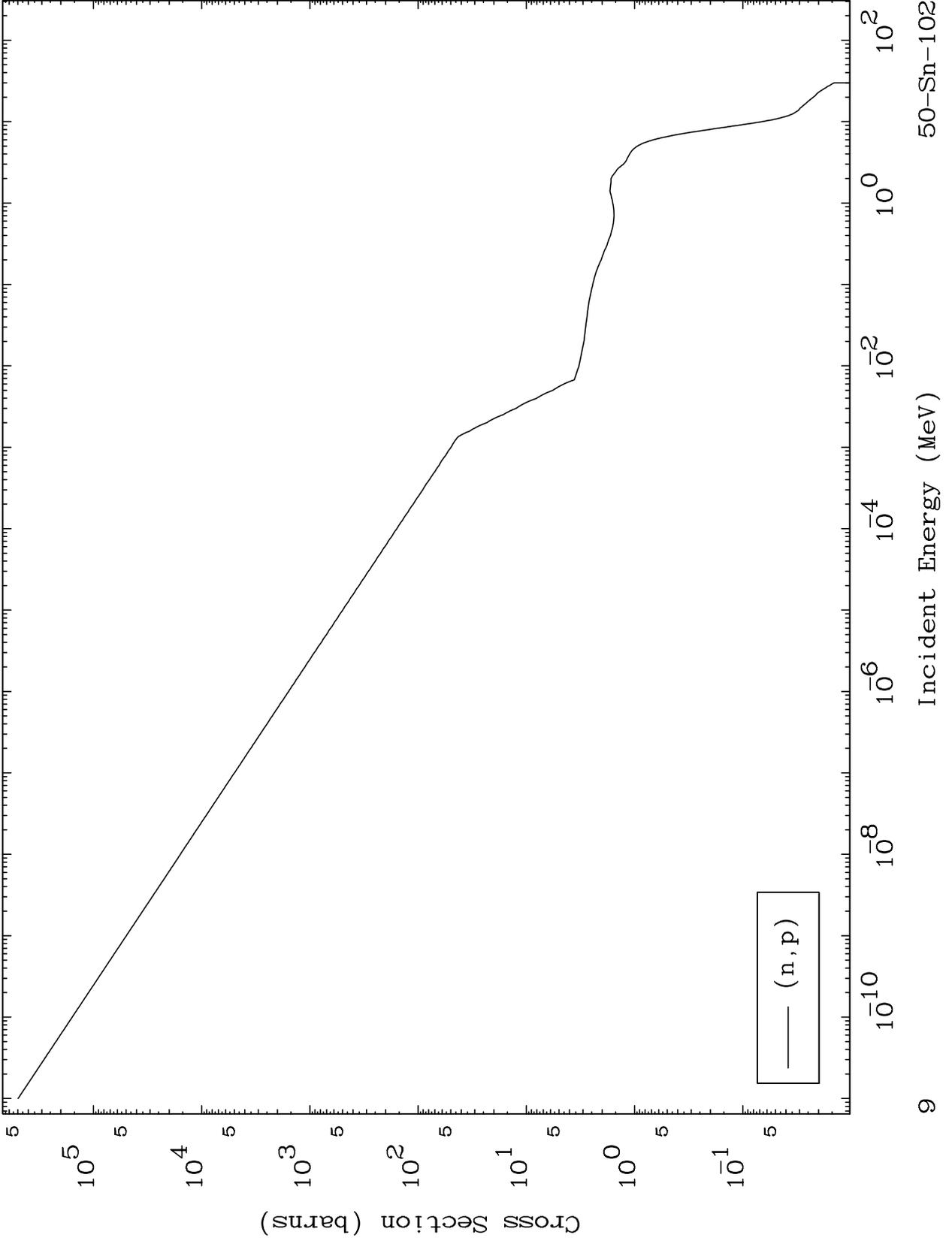
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,p) Levels  
293 Kelvin Cross Sections

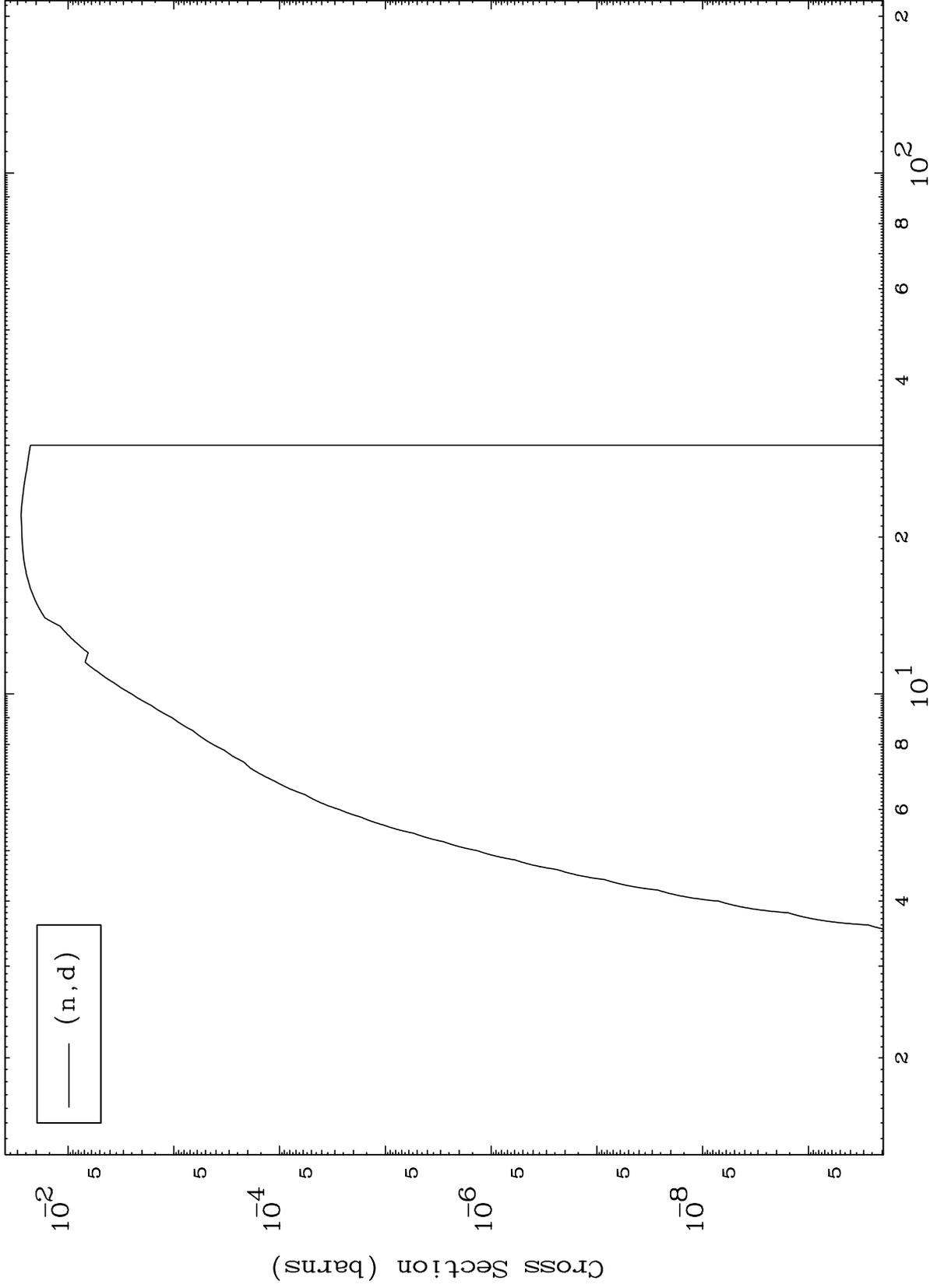
50-Sn-102



MAT 4995

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-102



10

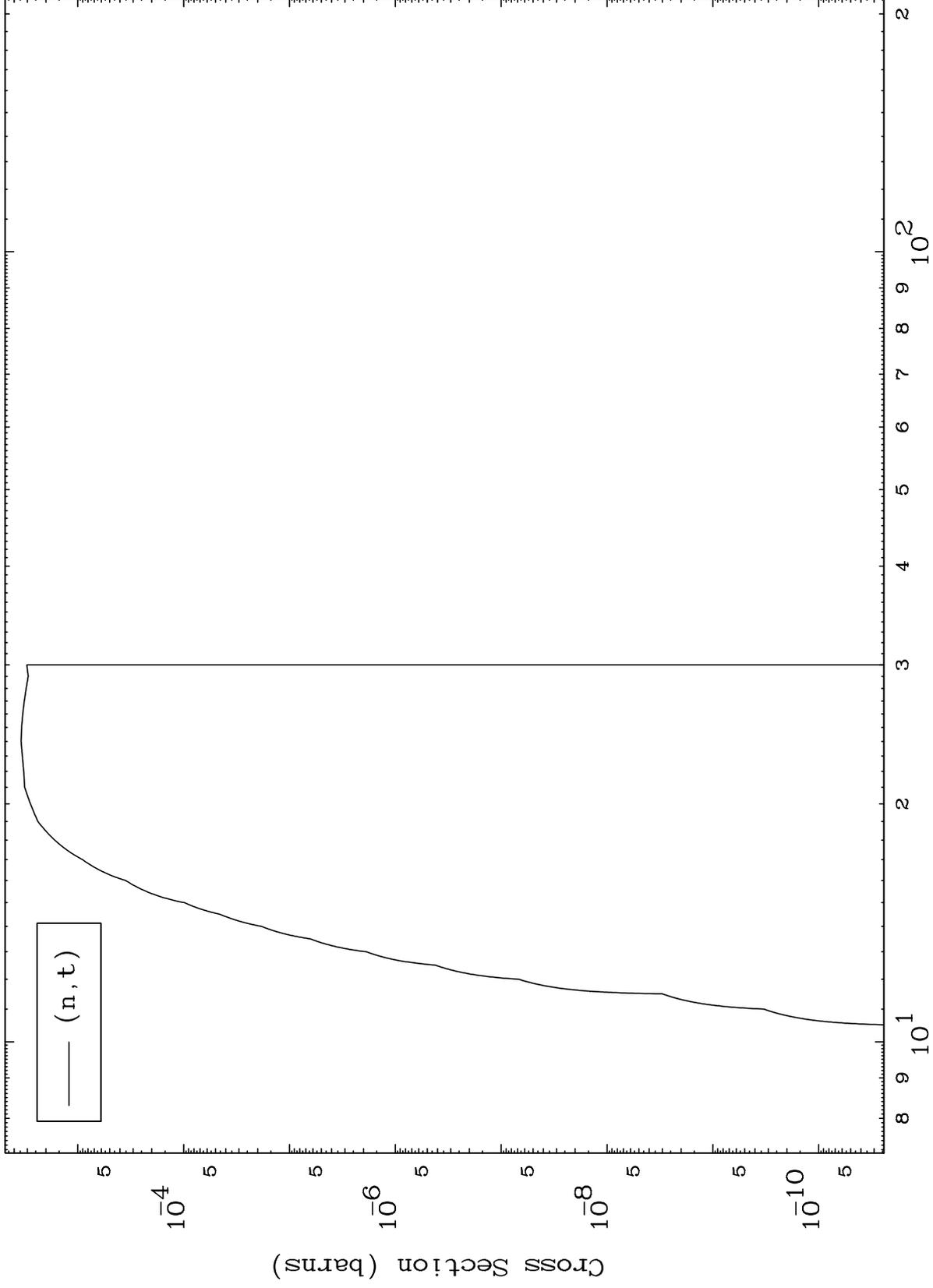
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50-Sn-102

MAT 4995

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-102



11

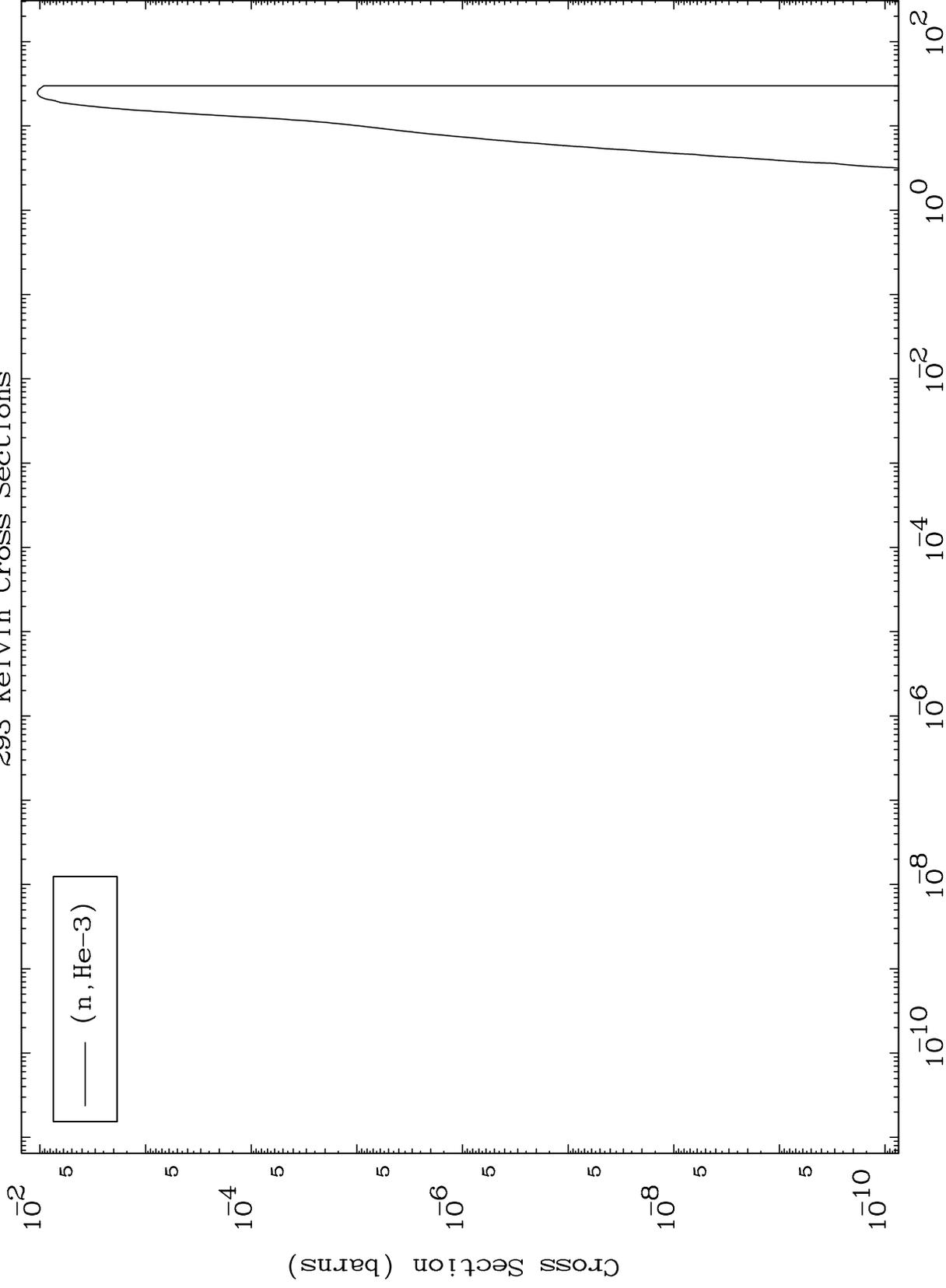
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50-Sn-102

MAT 4995

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-102



12

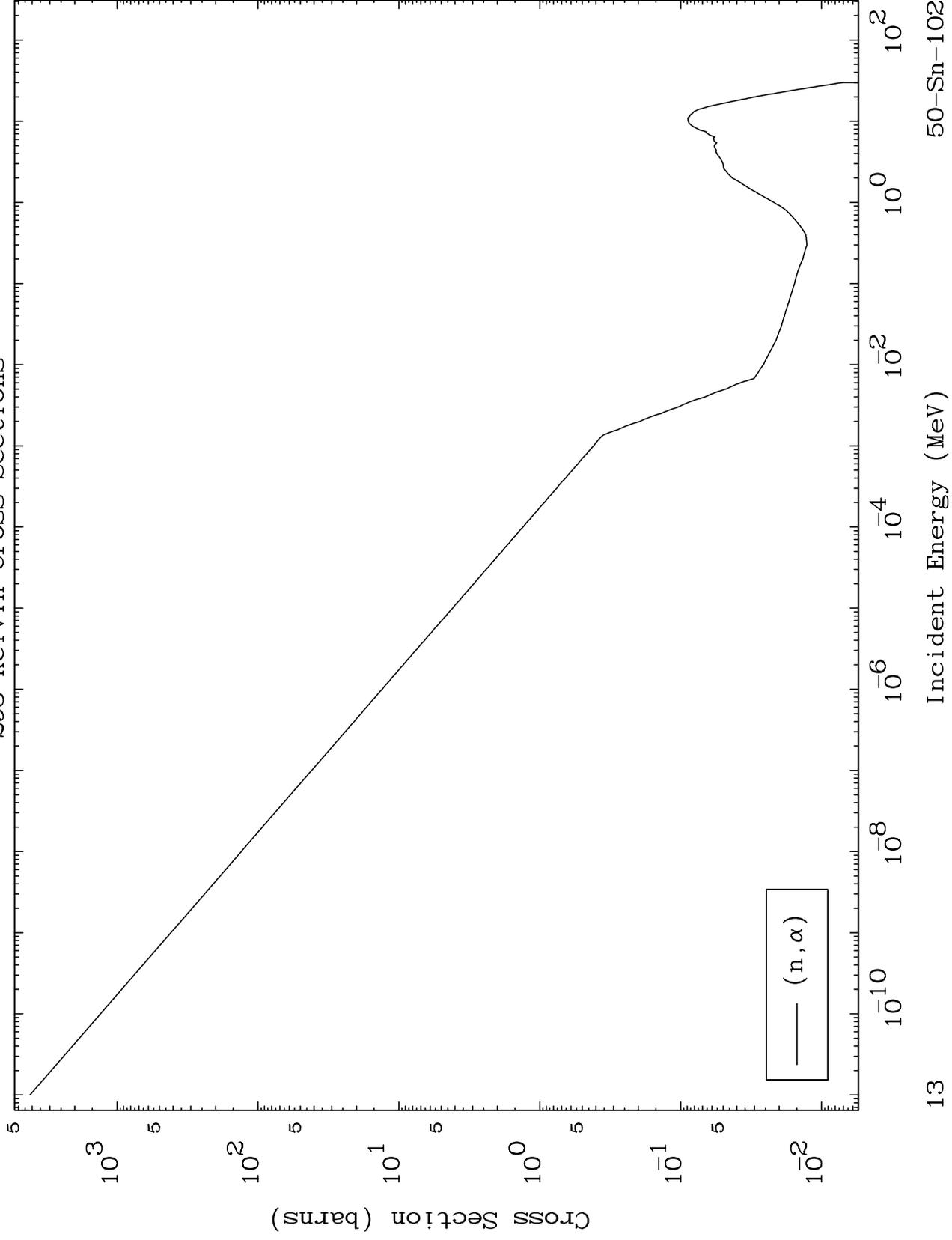
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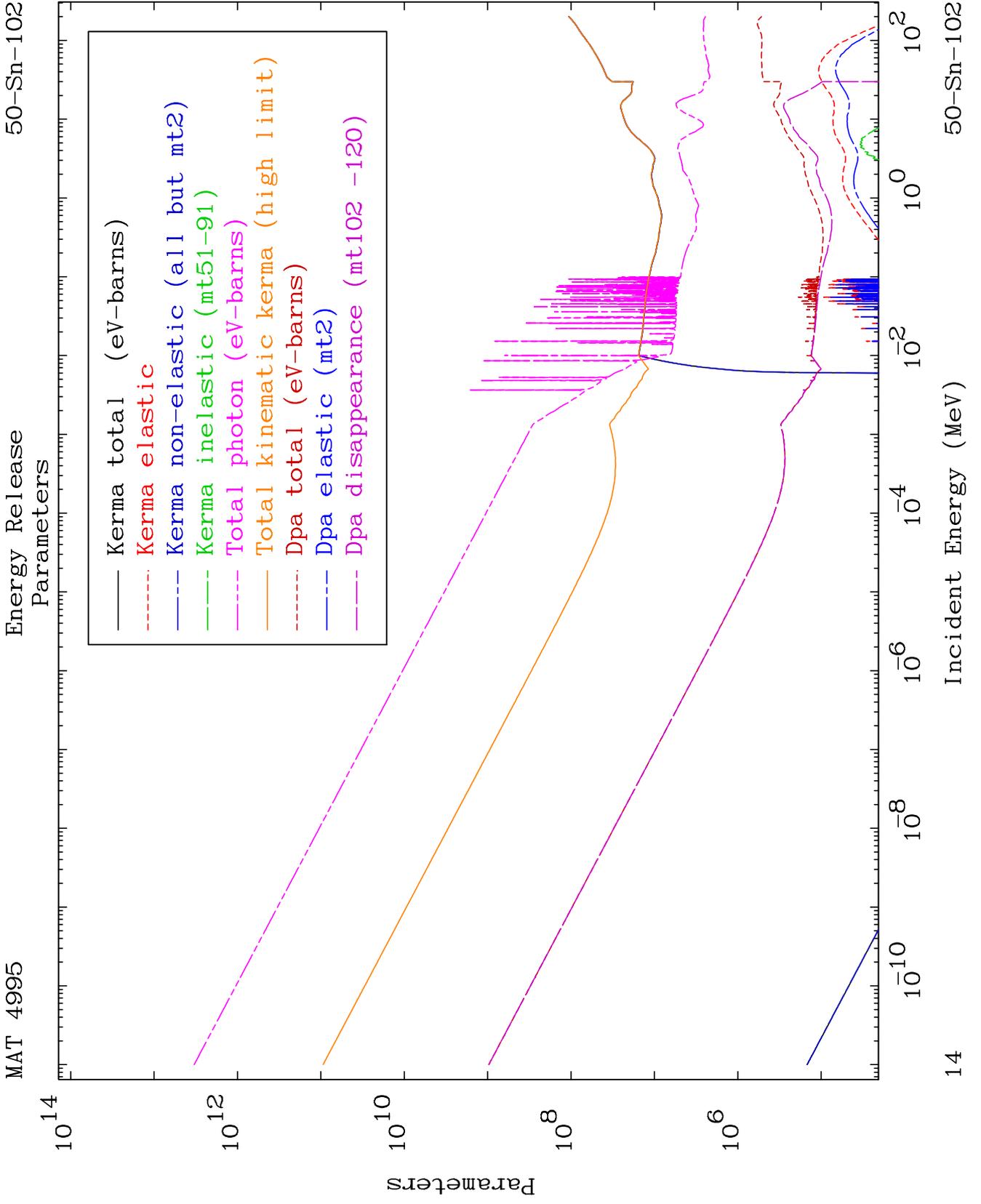
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MAT 4995

(n,α) Levels  
293 Kelvin Cross Sections

50-Sn-102

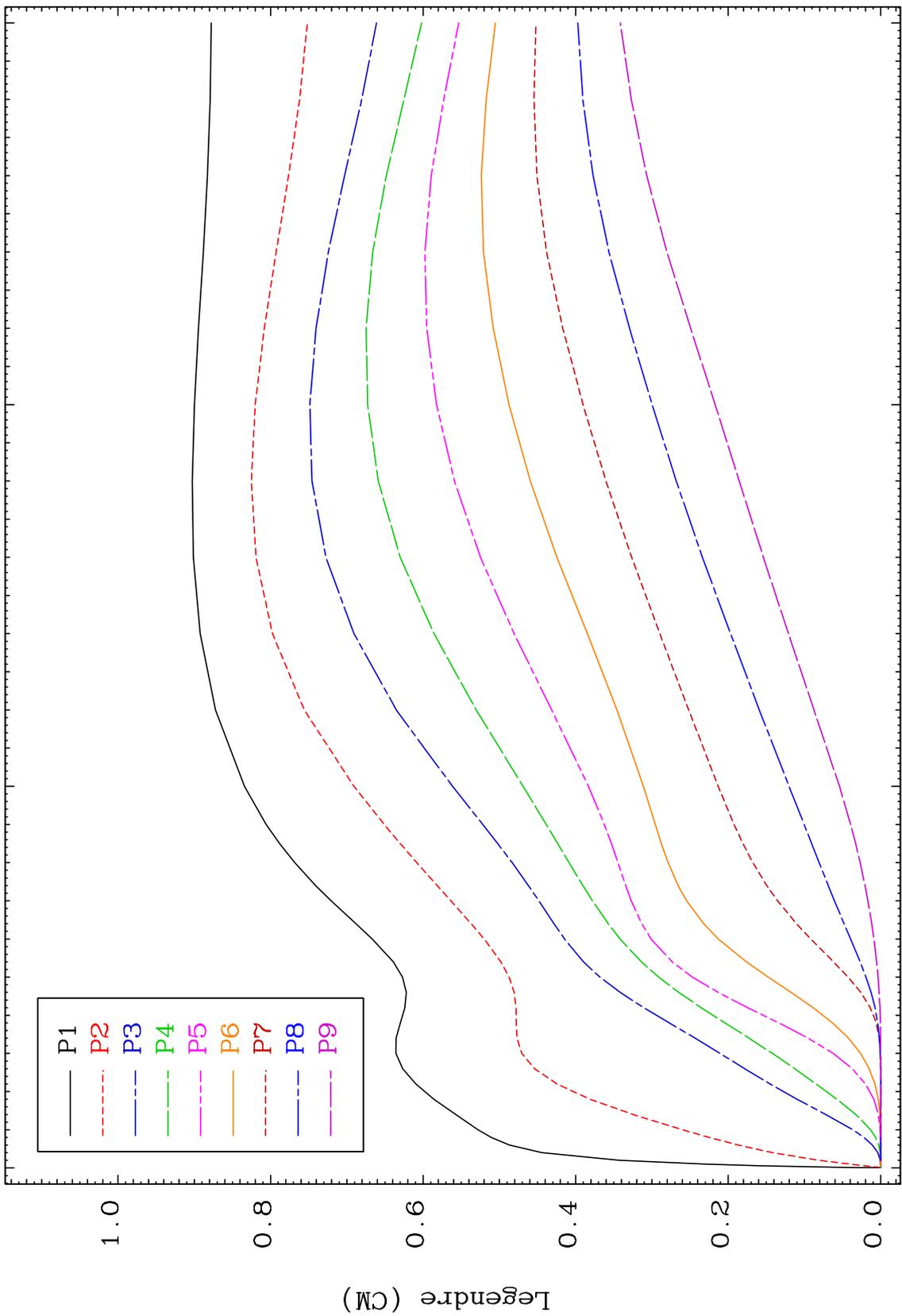




MAT 4995

Elastic Legendre Coefficients

50-Sn-102



15

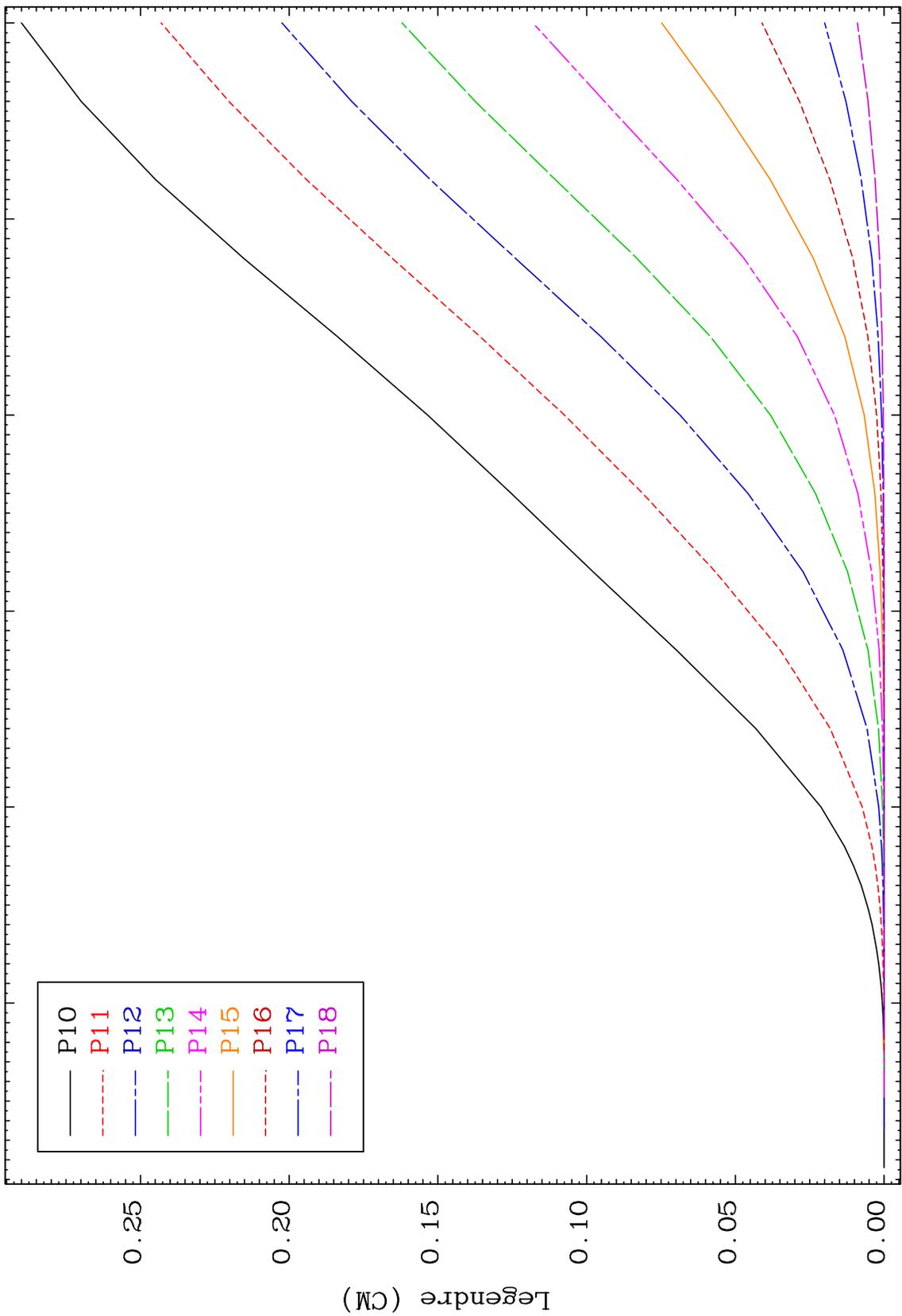
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



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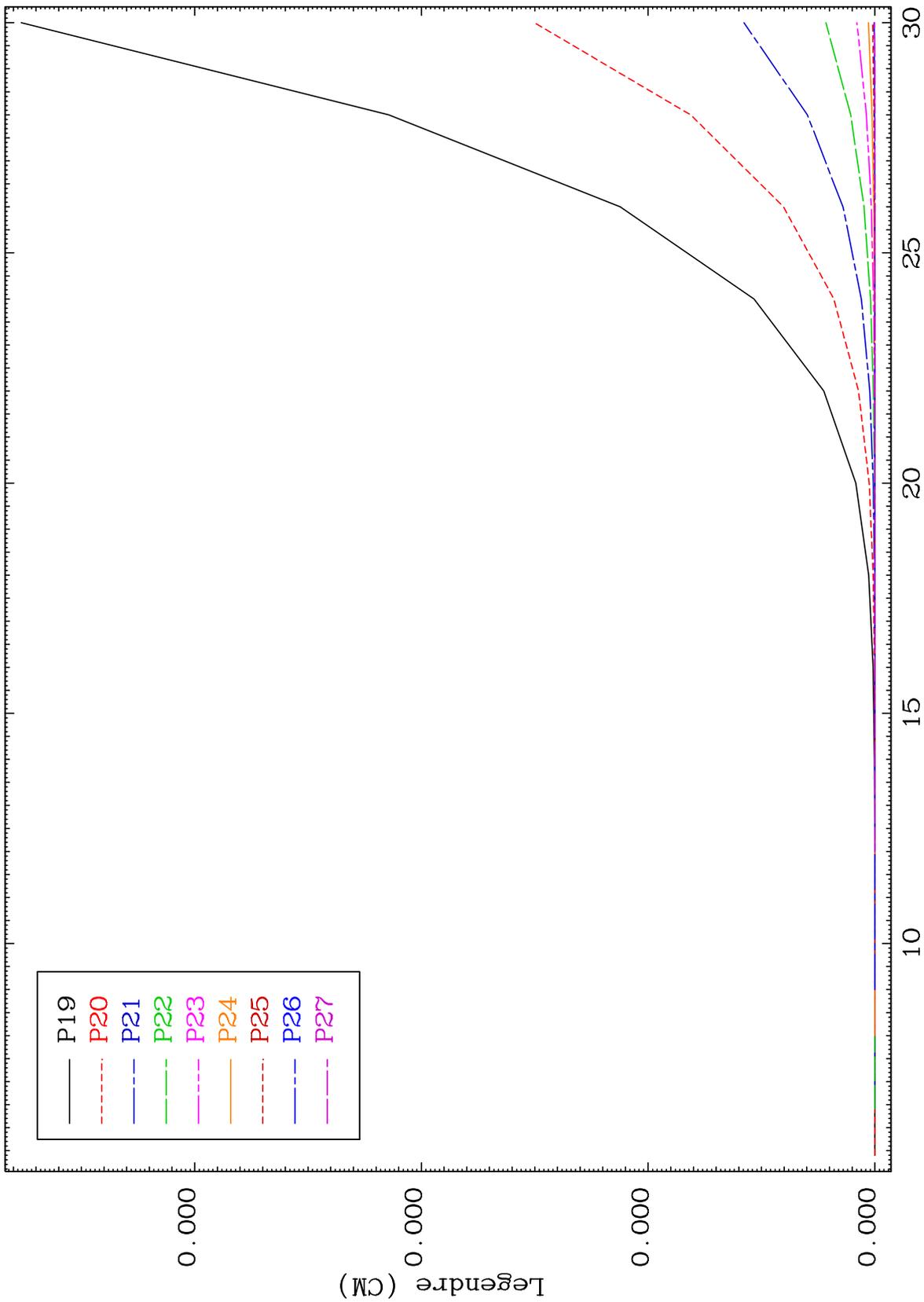
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic  
Legendre Coefficients

50-Sn-102



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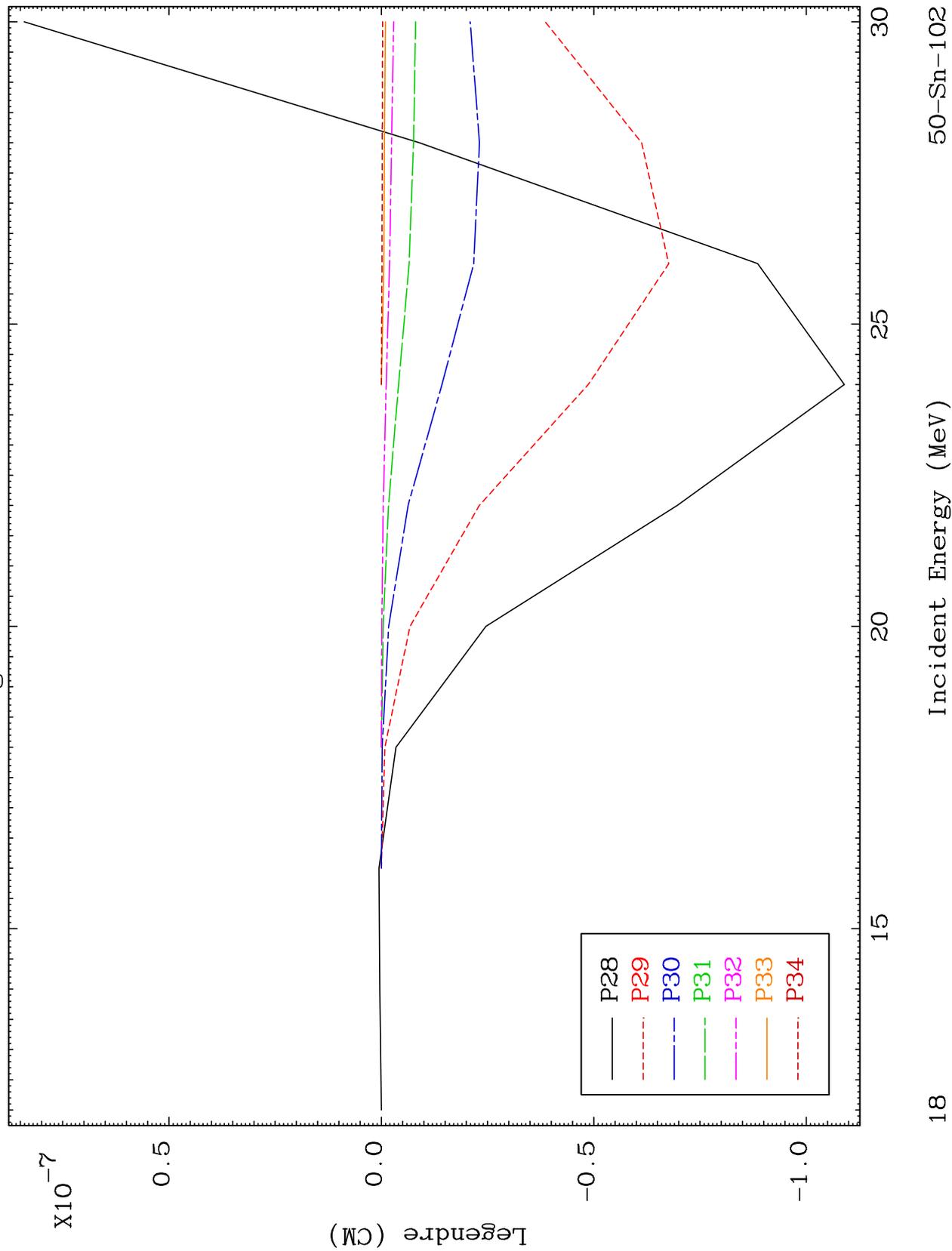
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic  
Legendre Coefficients

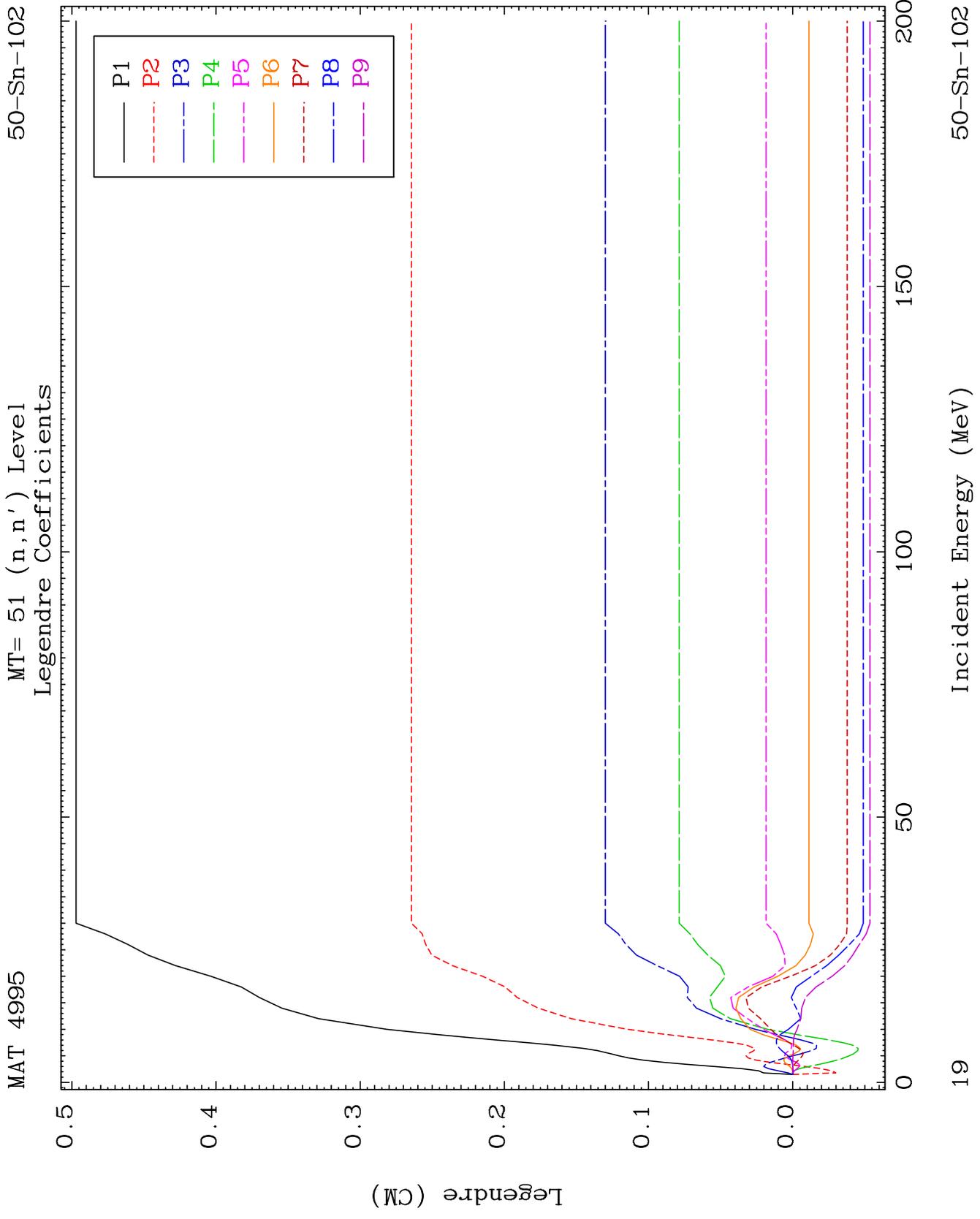
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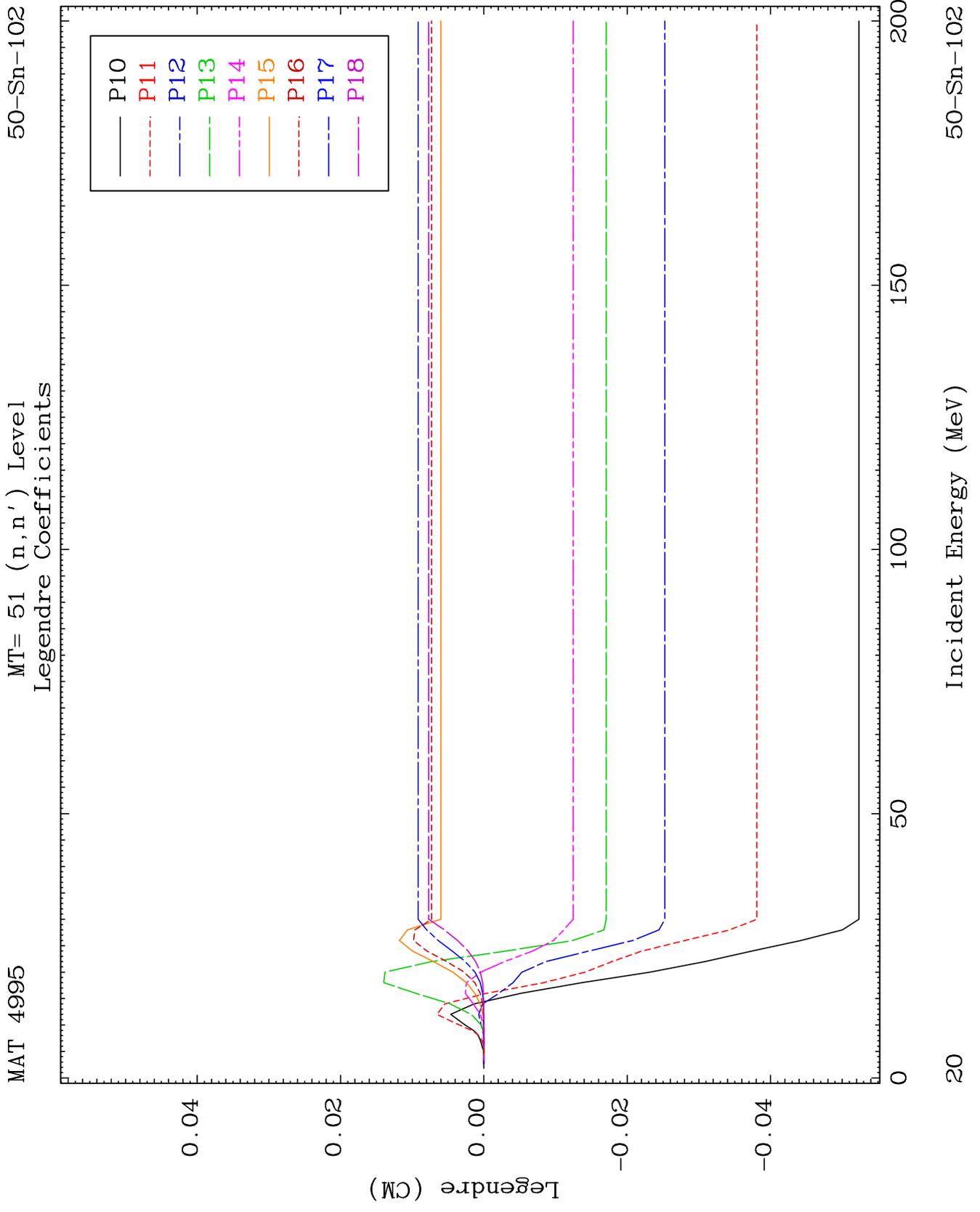


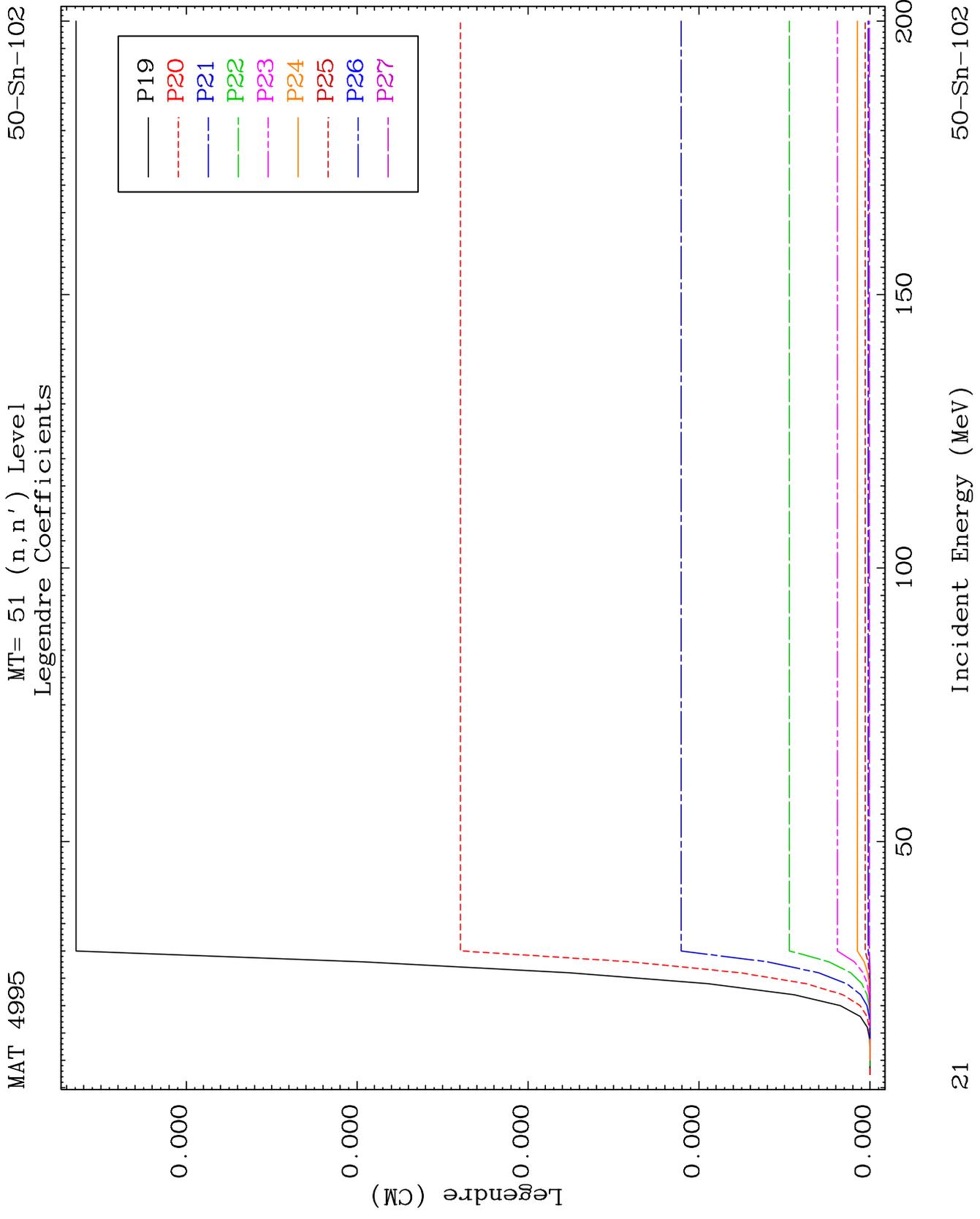
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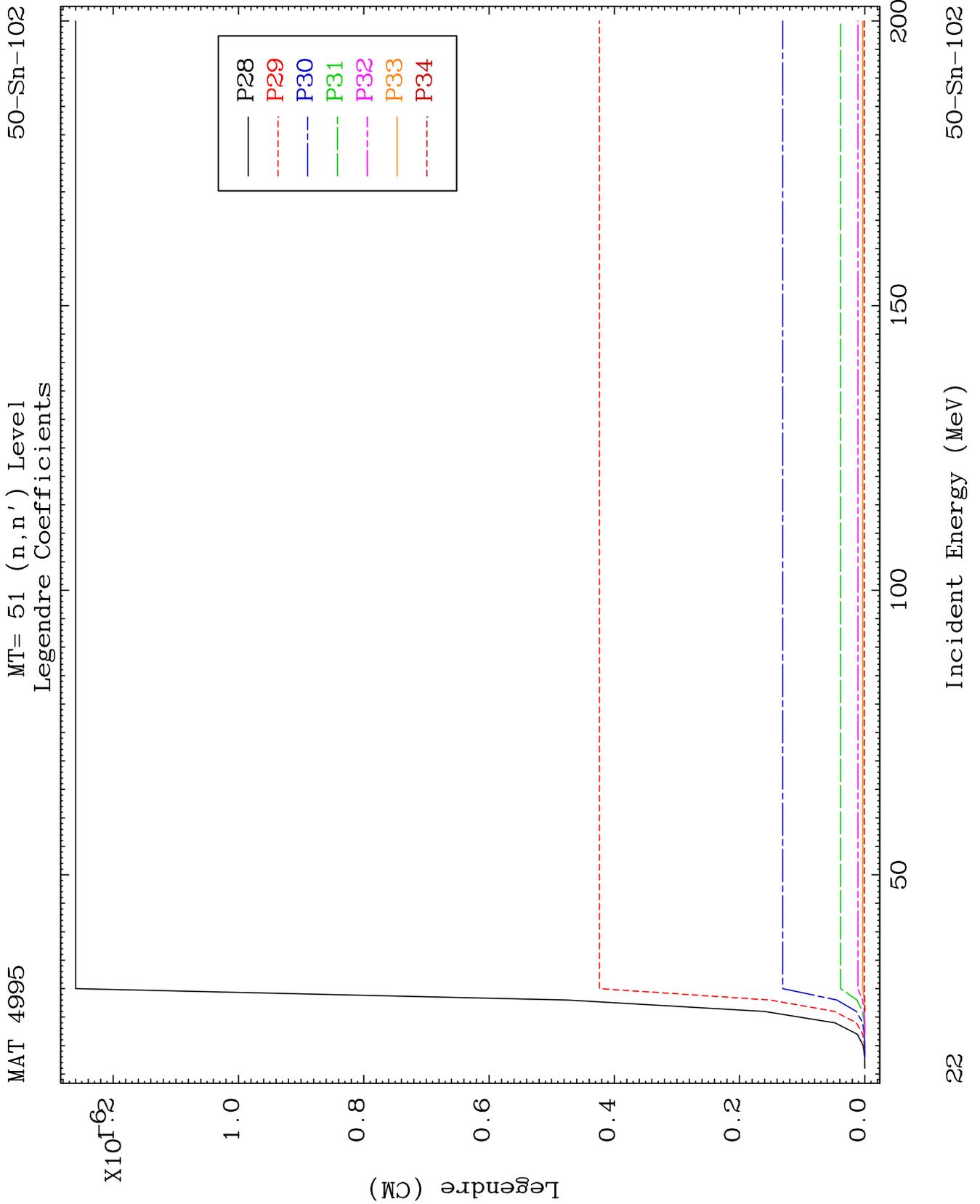
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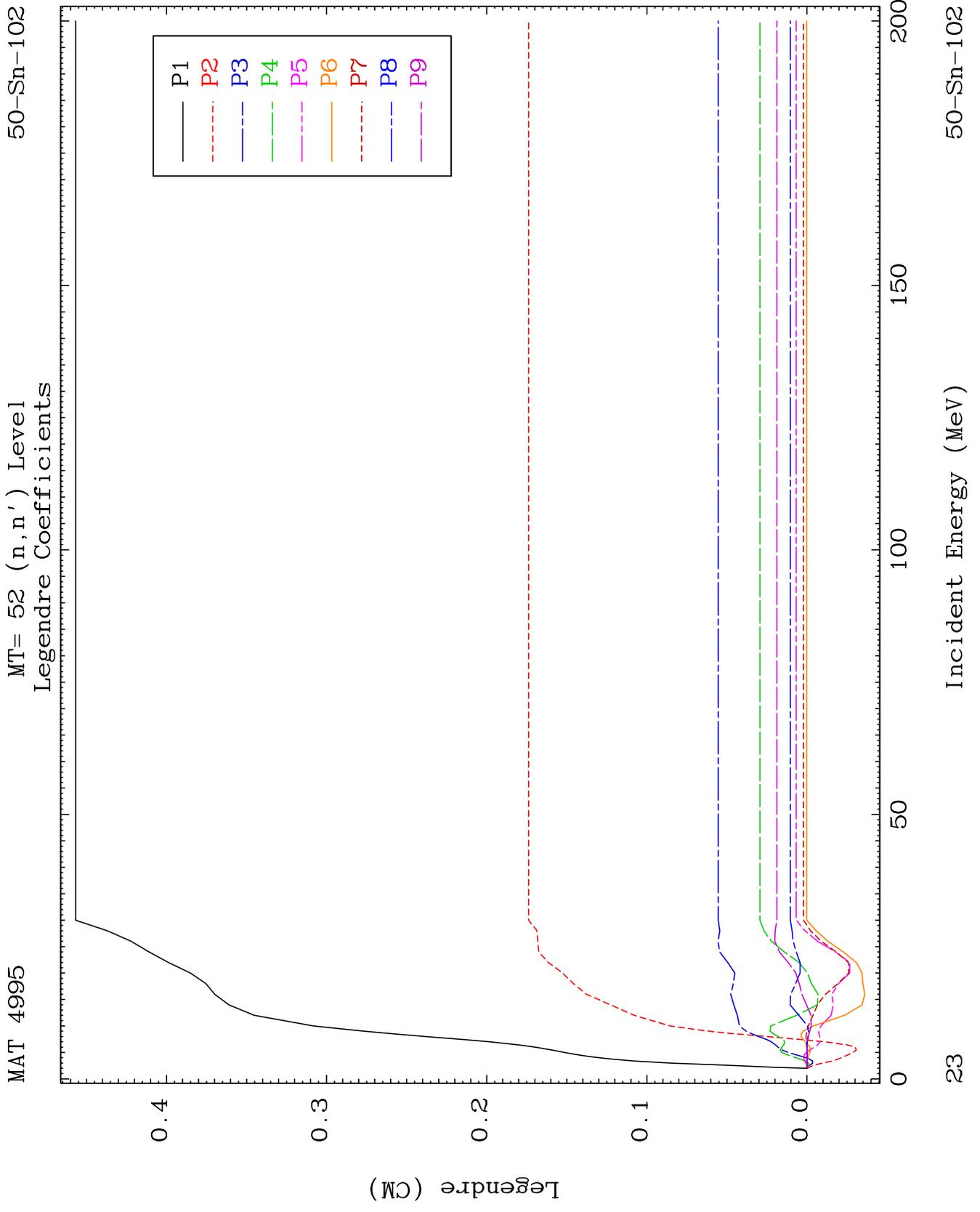
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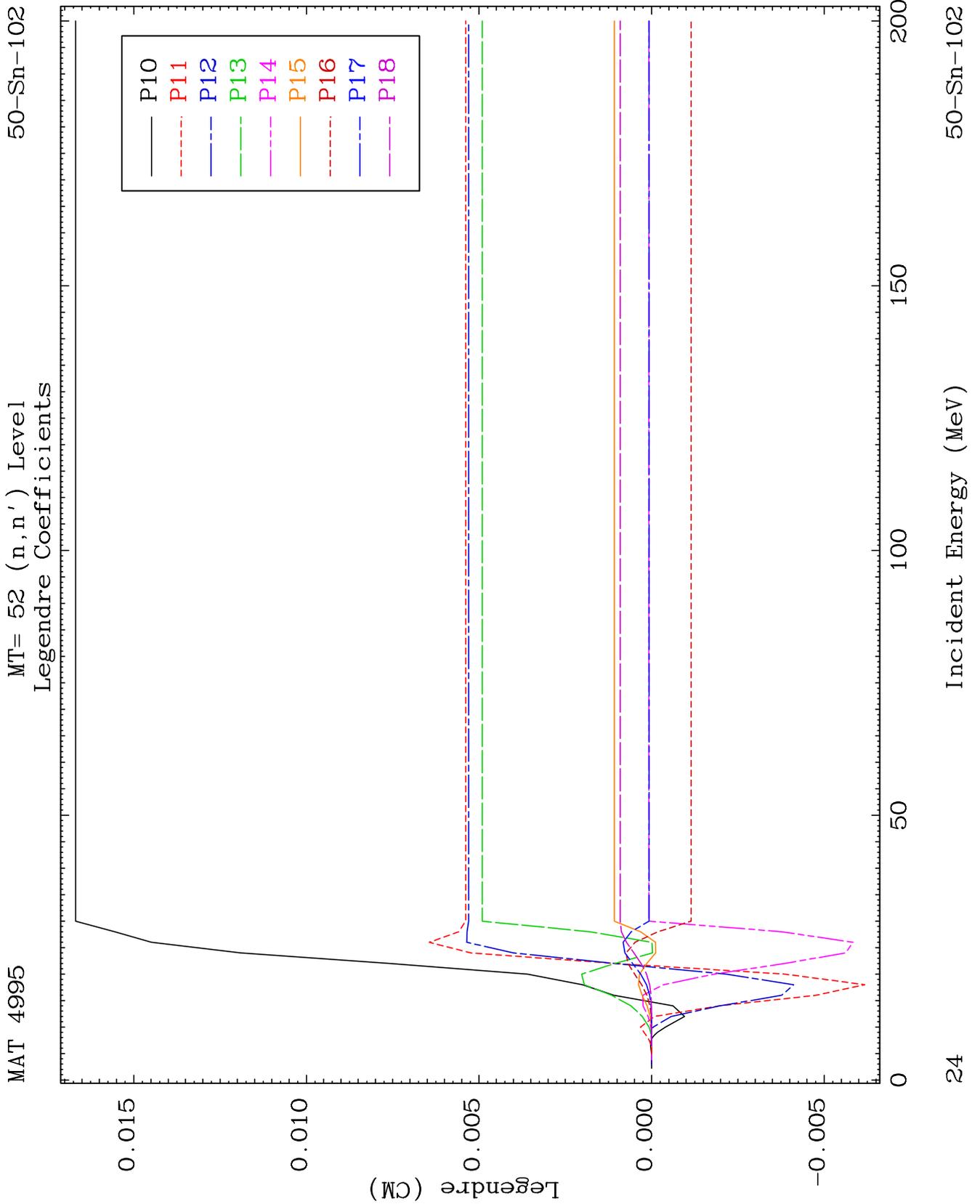








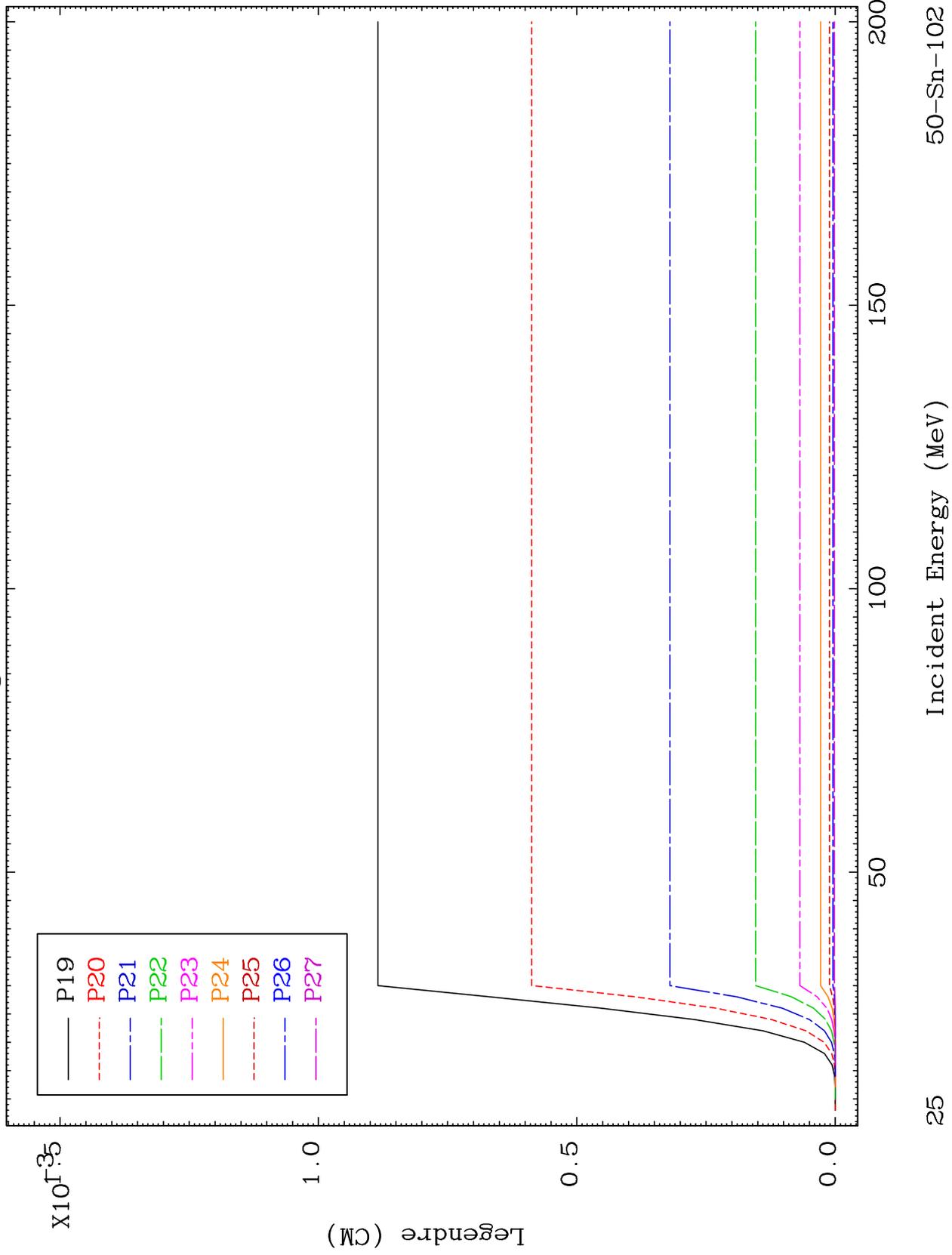




MAT 4995

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

50-Sn-102



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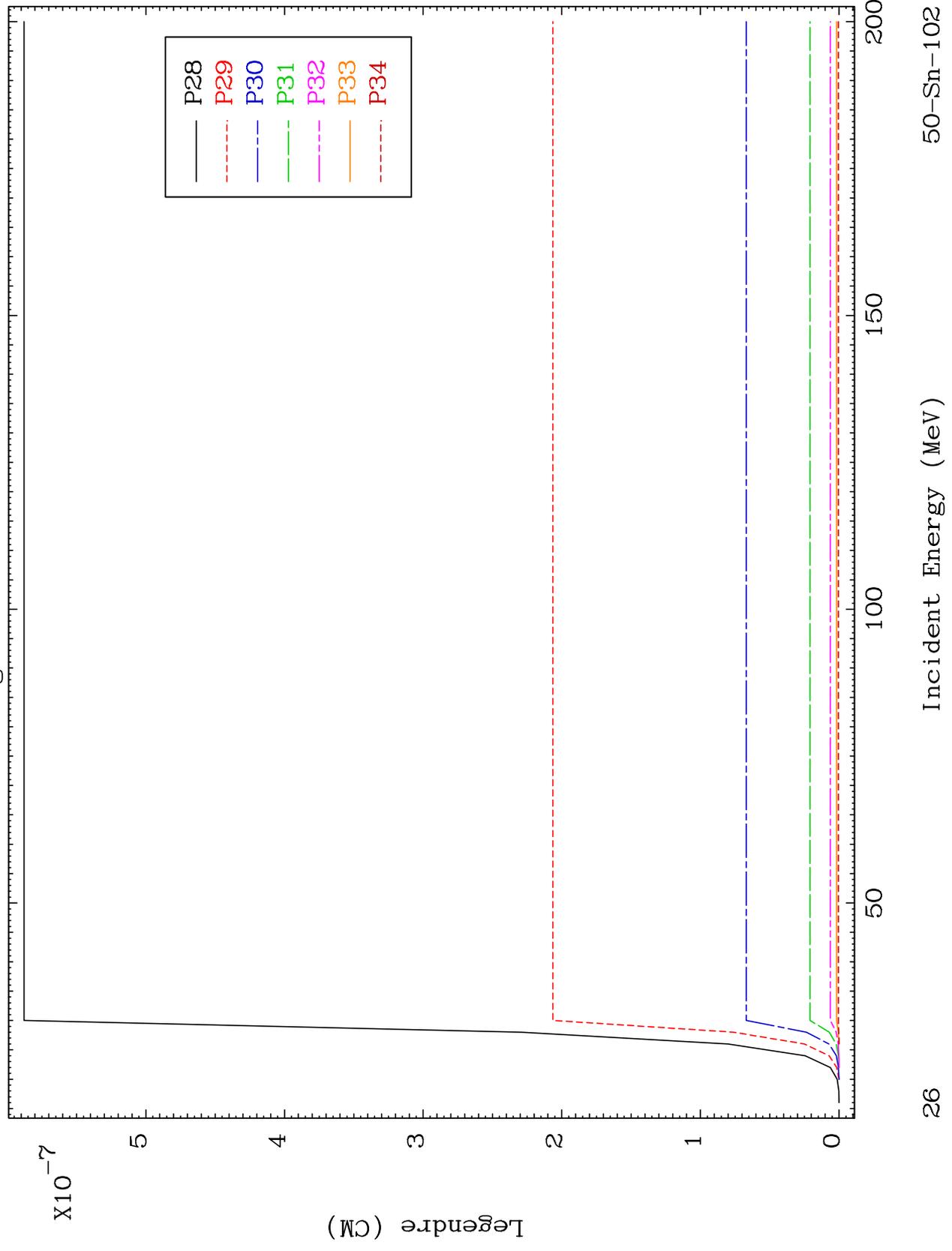
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

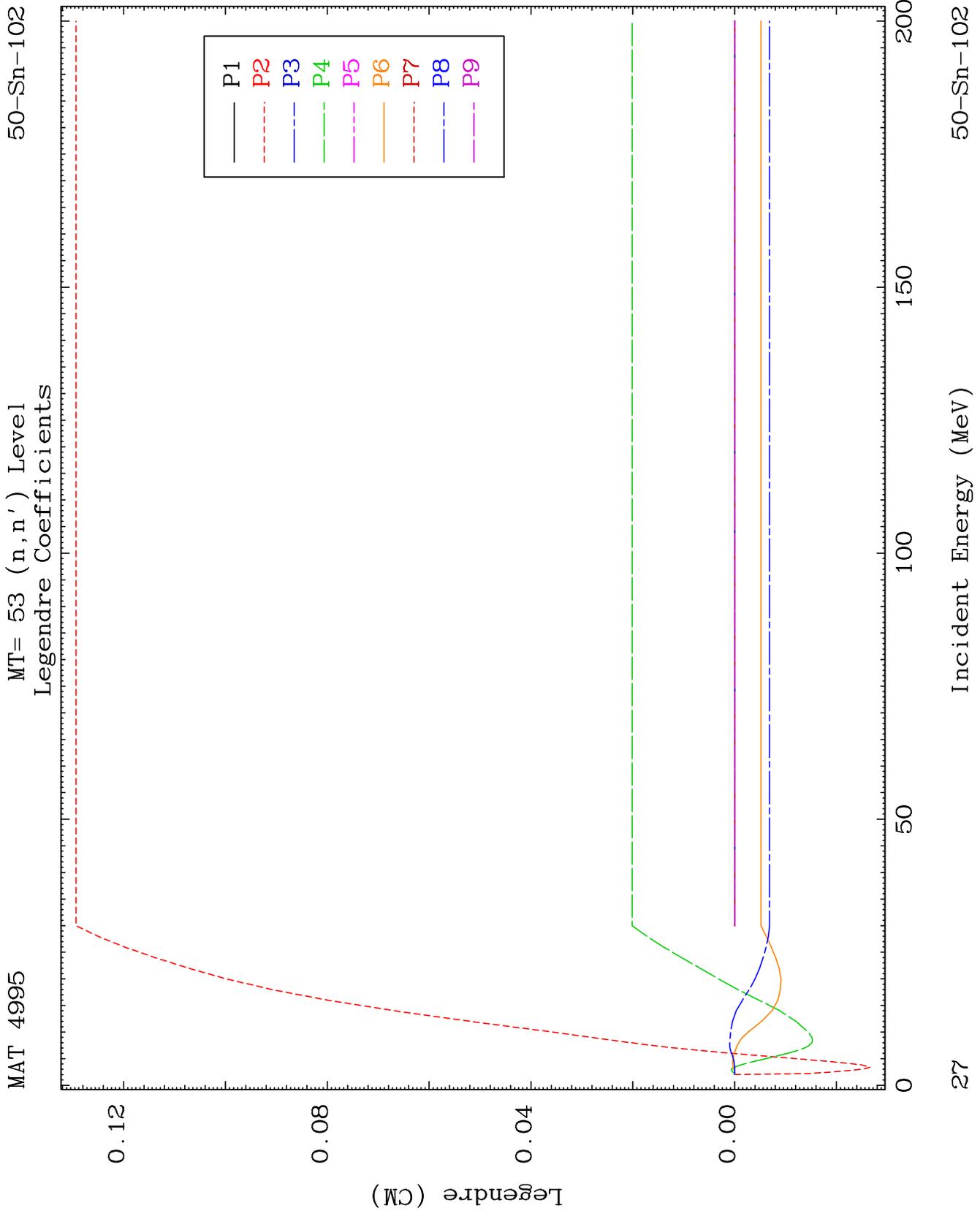
50-Sn-102



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Incident Energy (MeV)

50-Sn-102

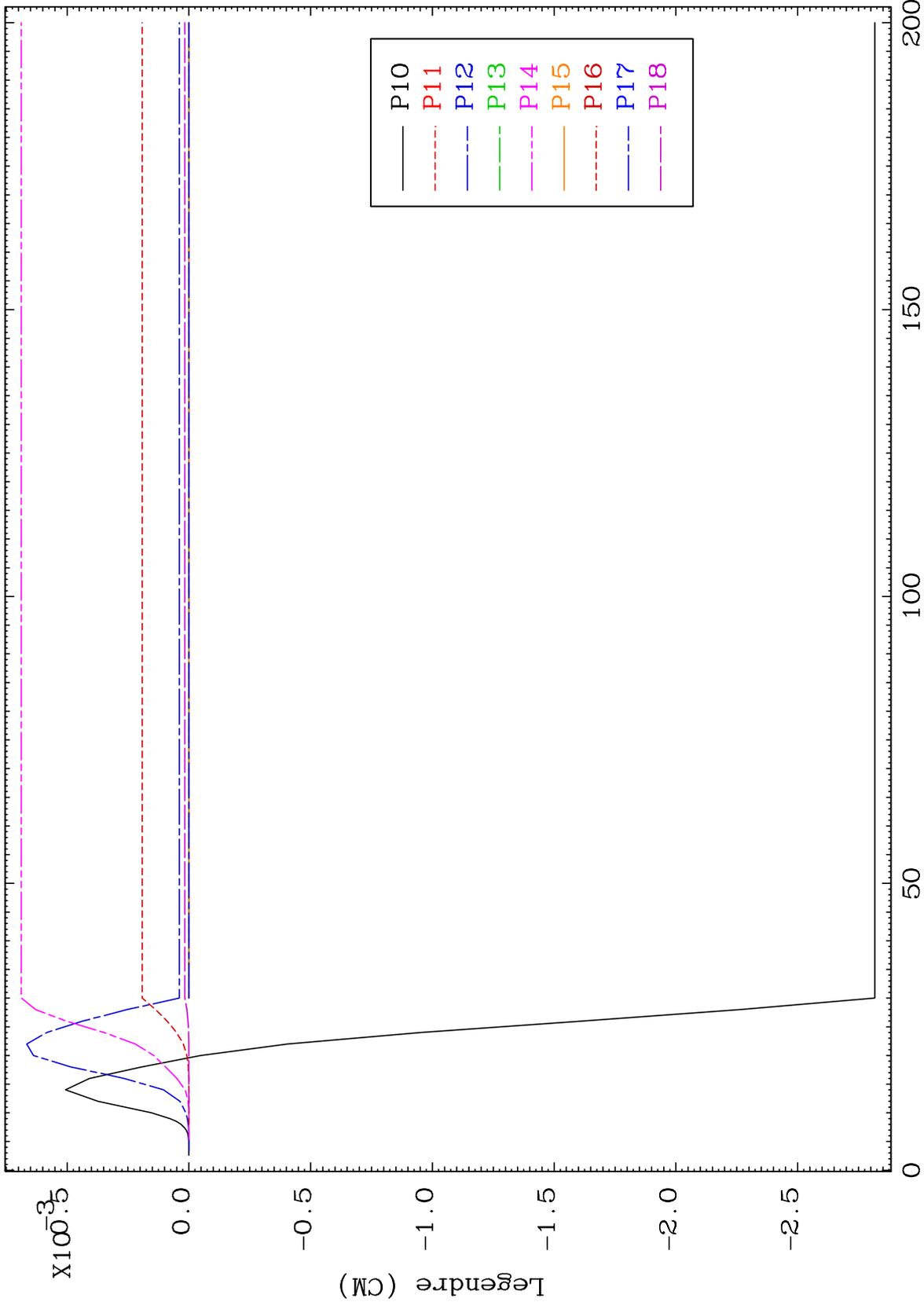


MAT 4995

MT= 53 (n,n') Level

50-Sn-102

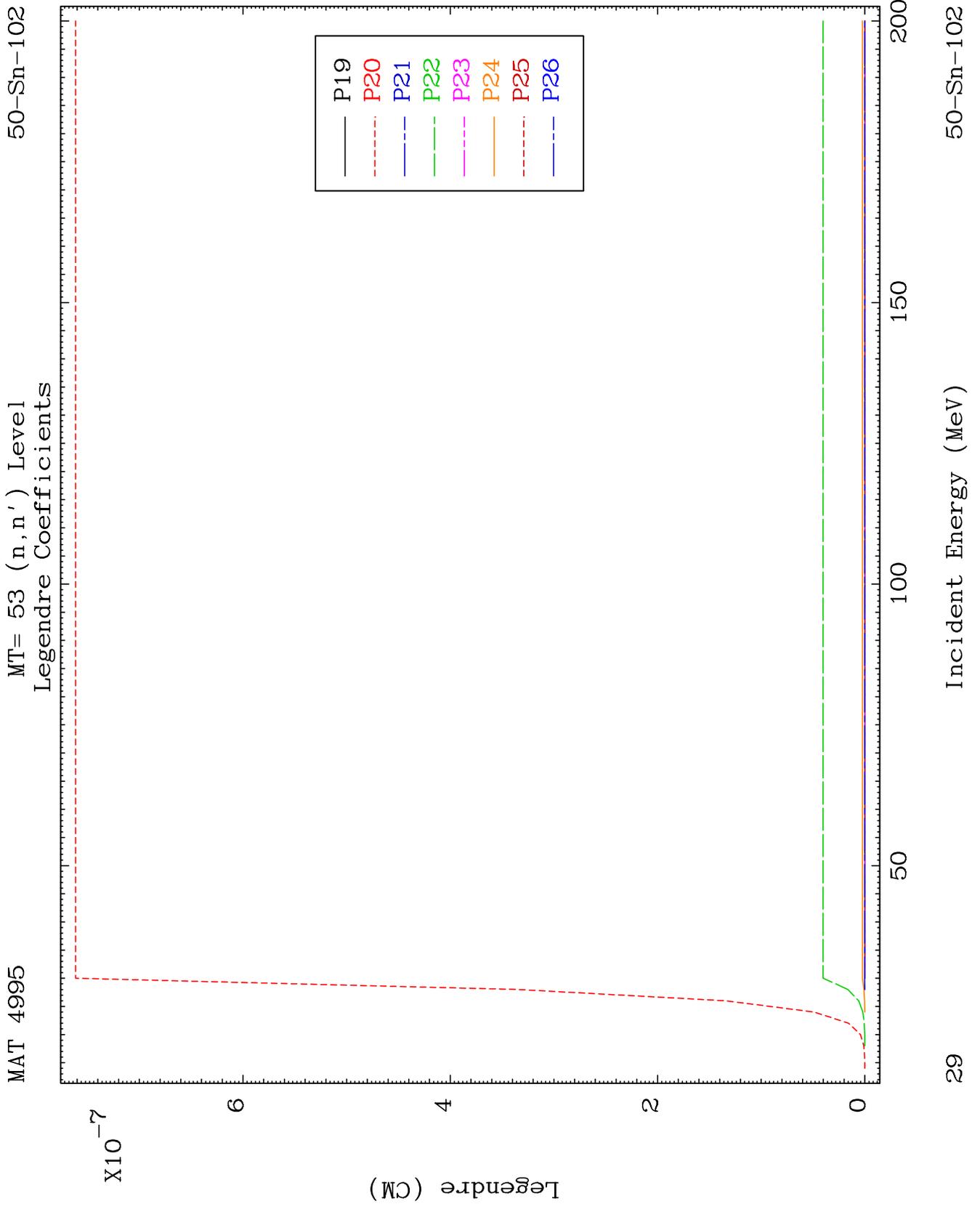
Legendre Coefficients

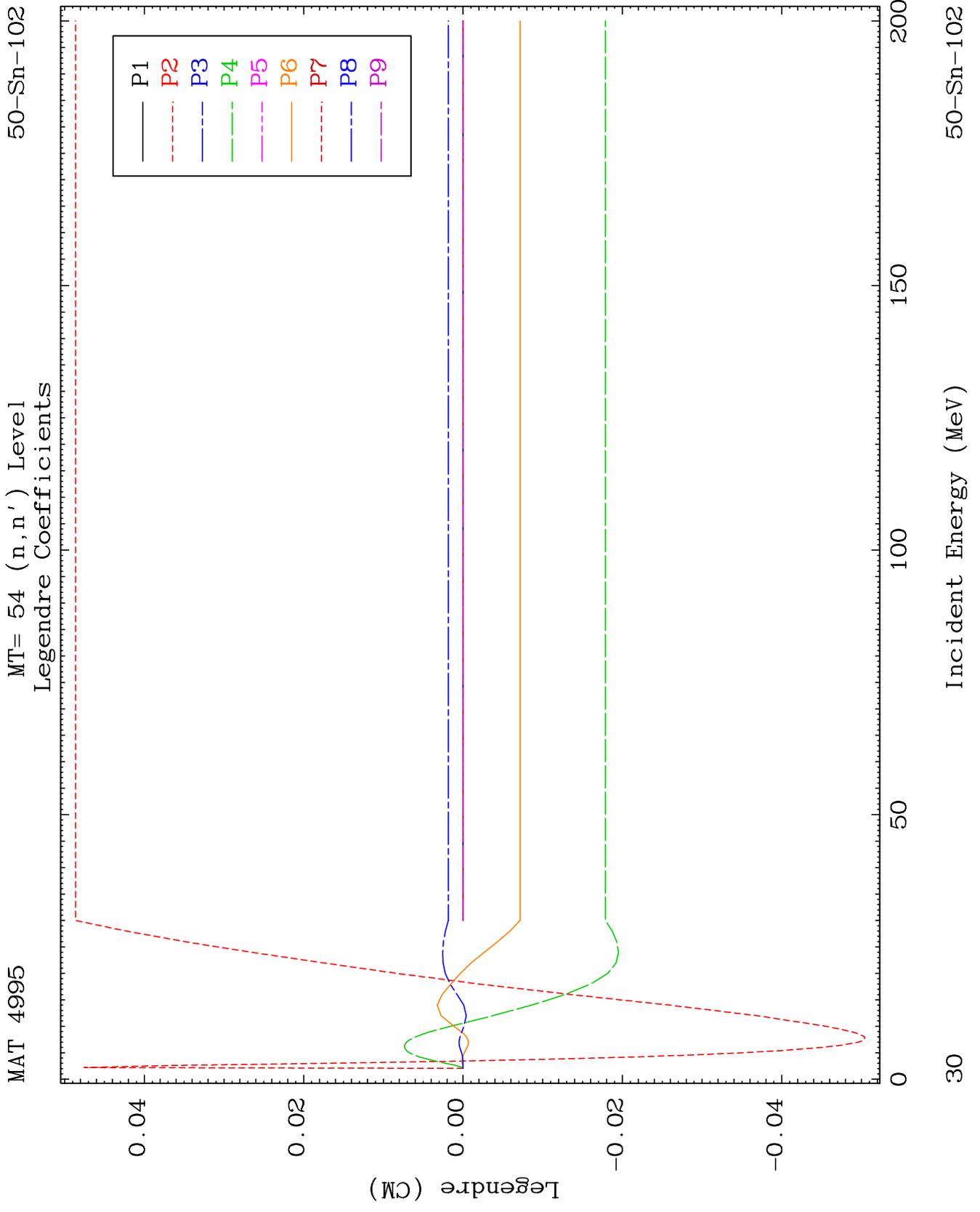


28

Incident Energy (MeV)

50-Sn-102

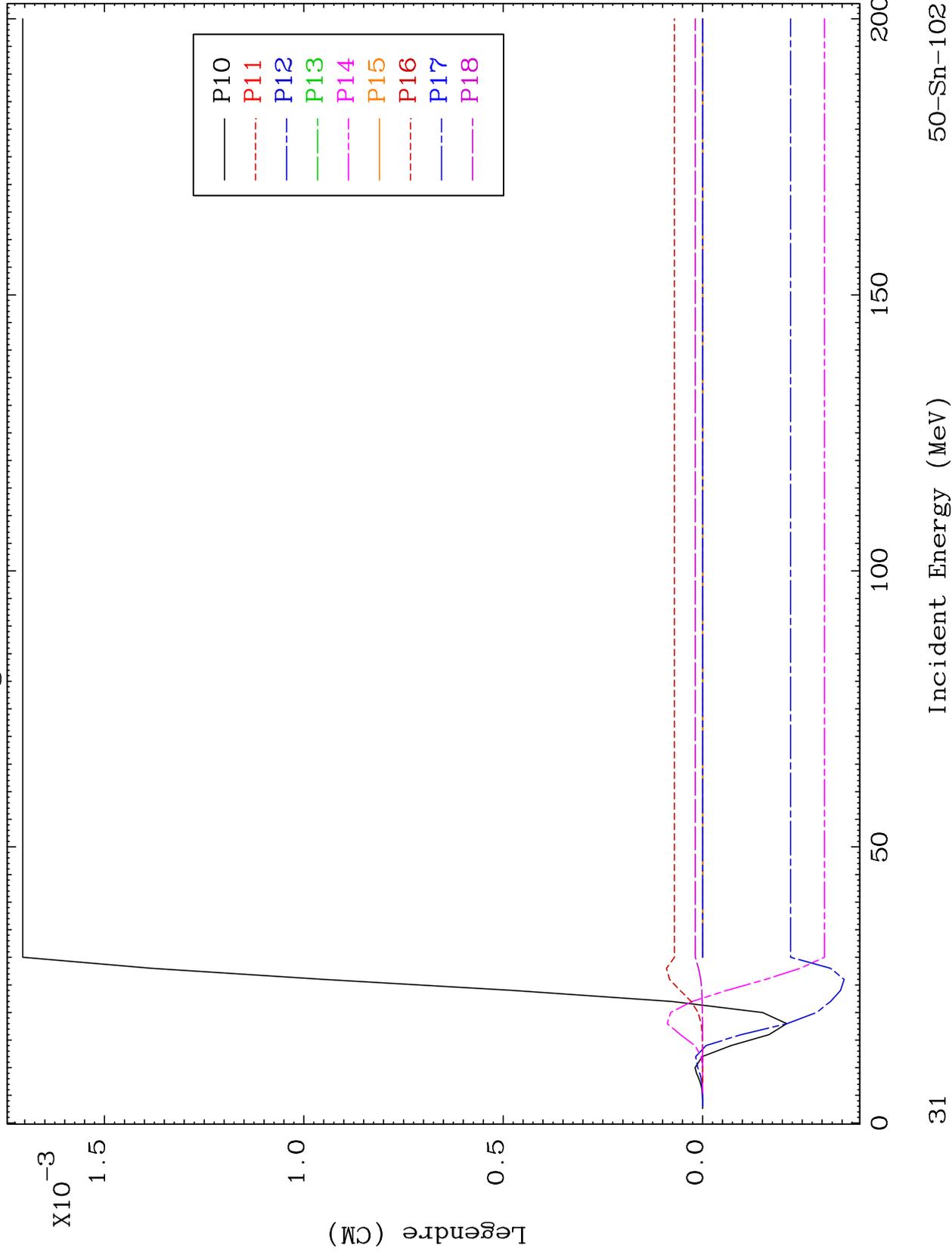




MAT 4995

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

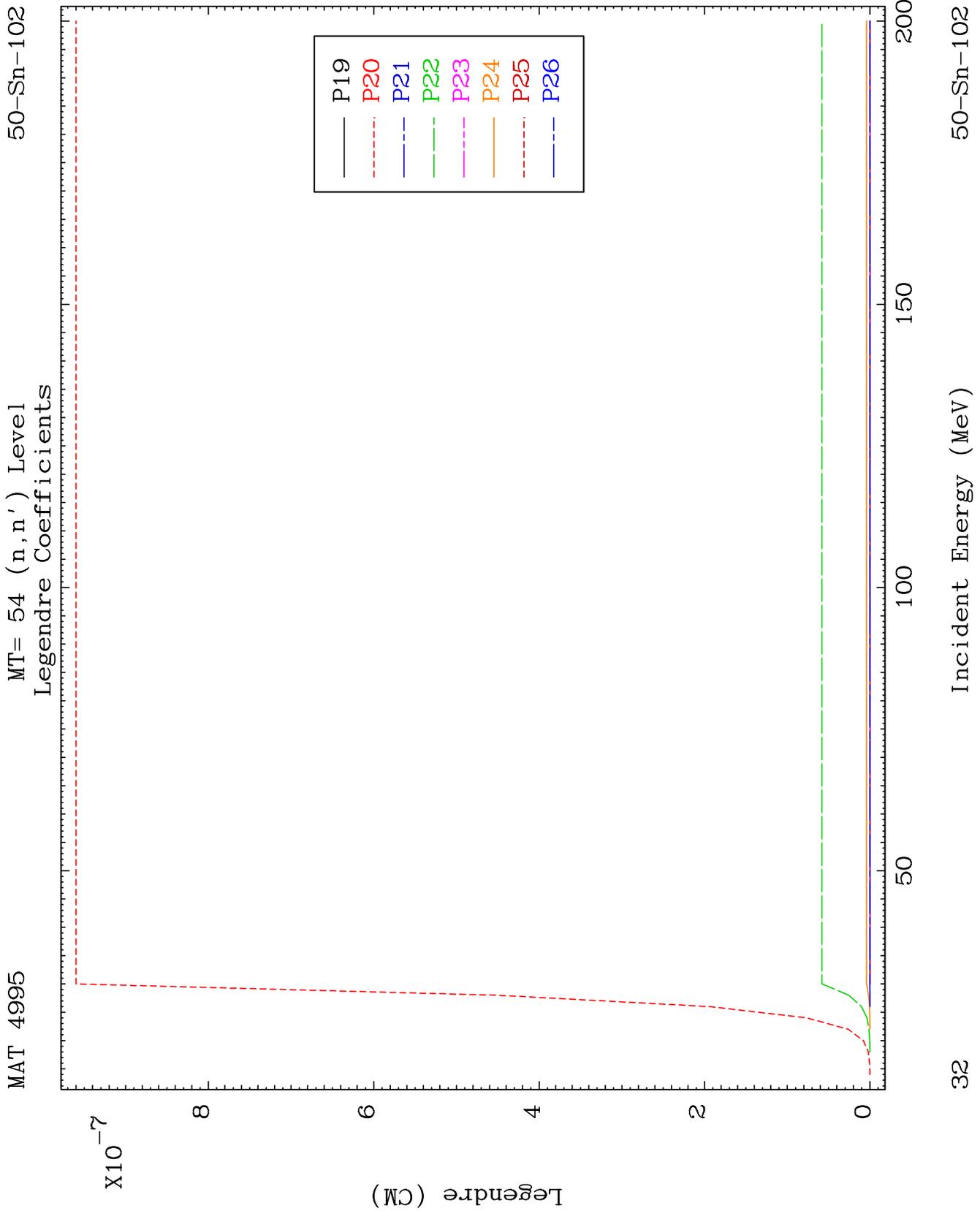
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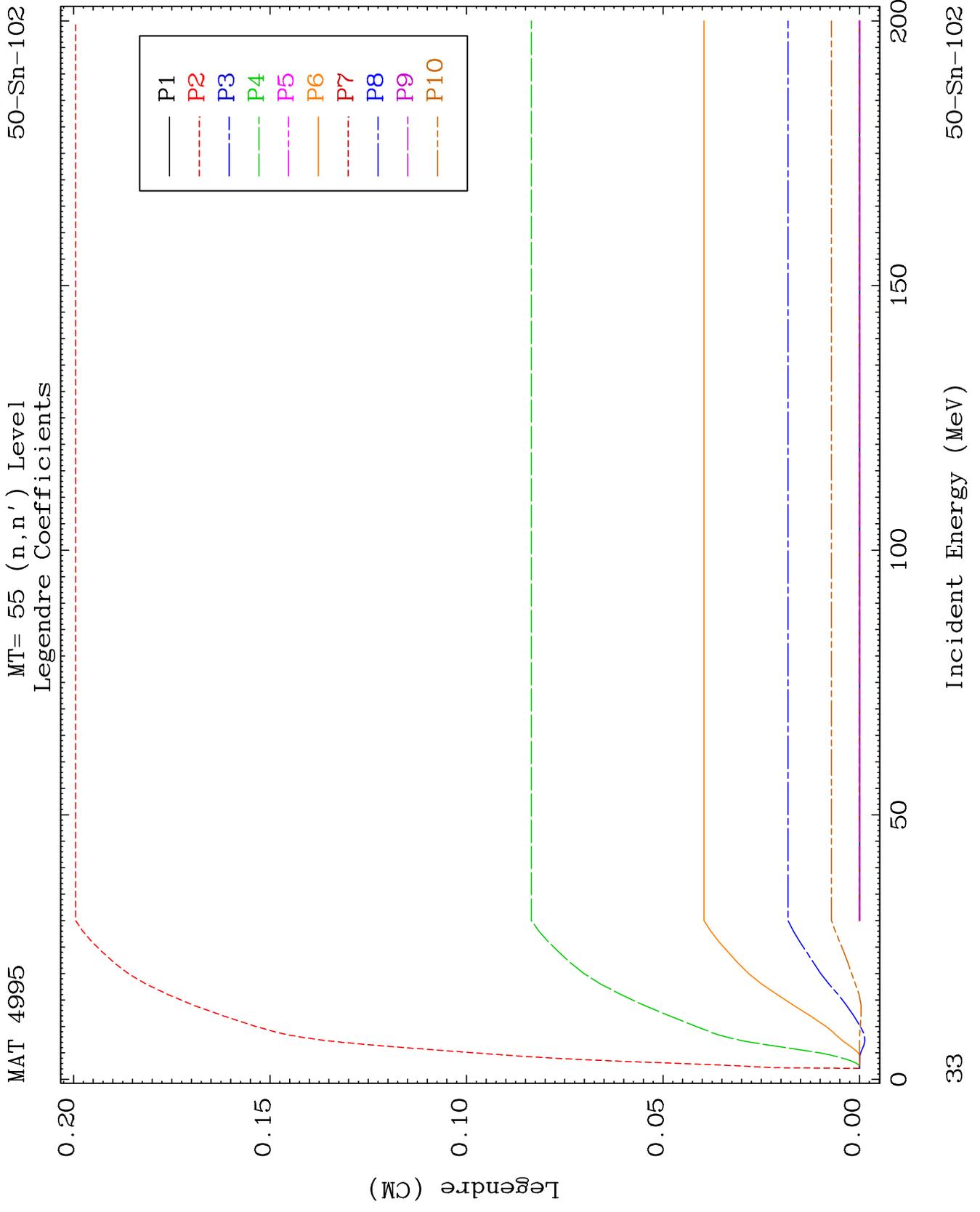


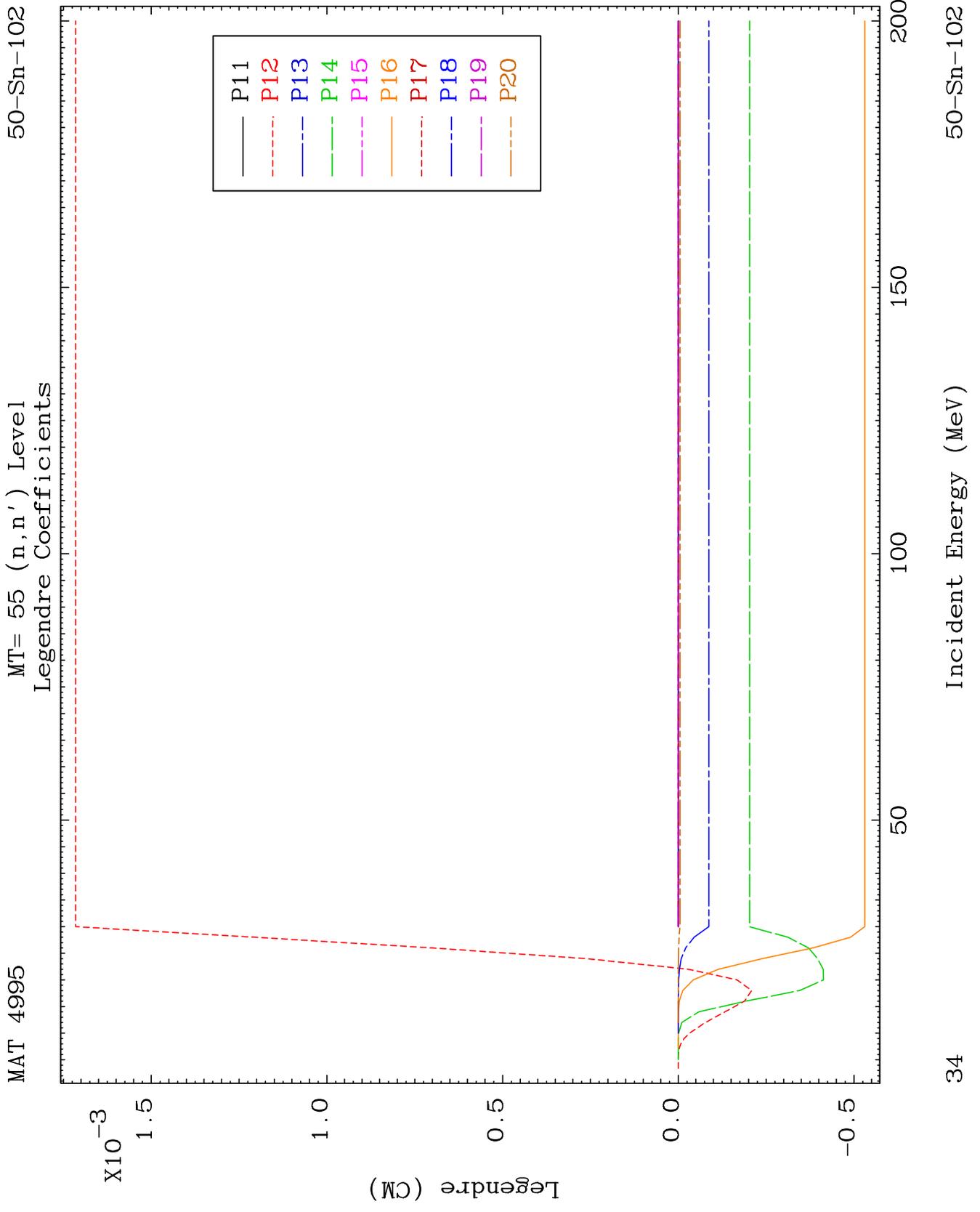
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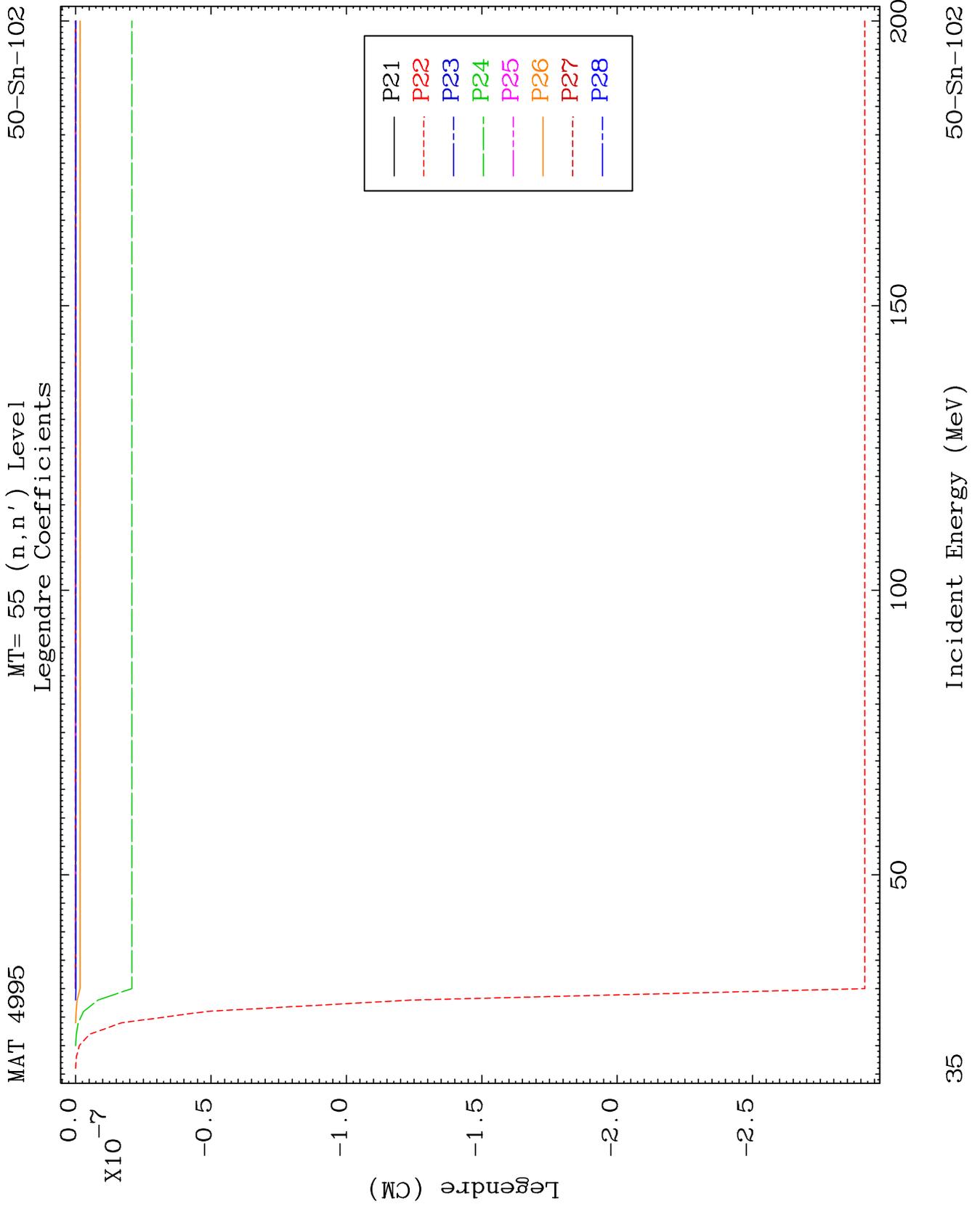
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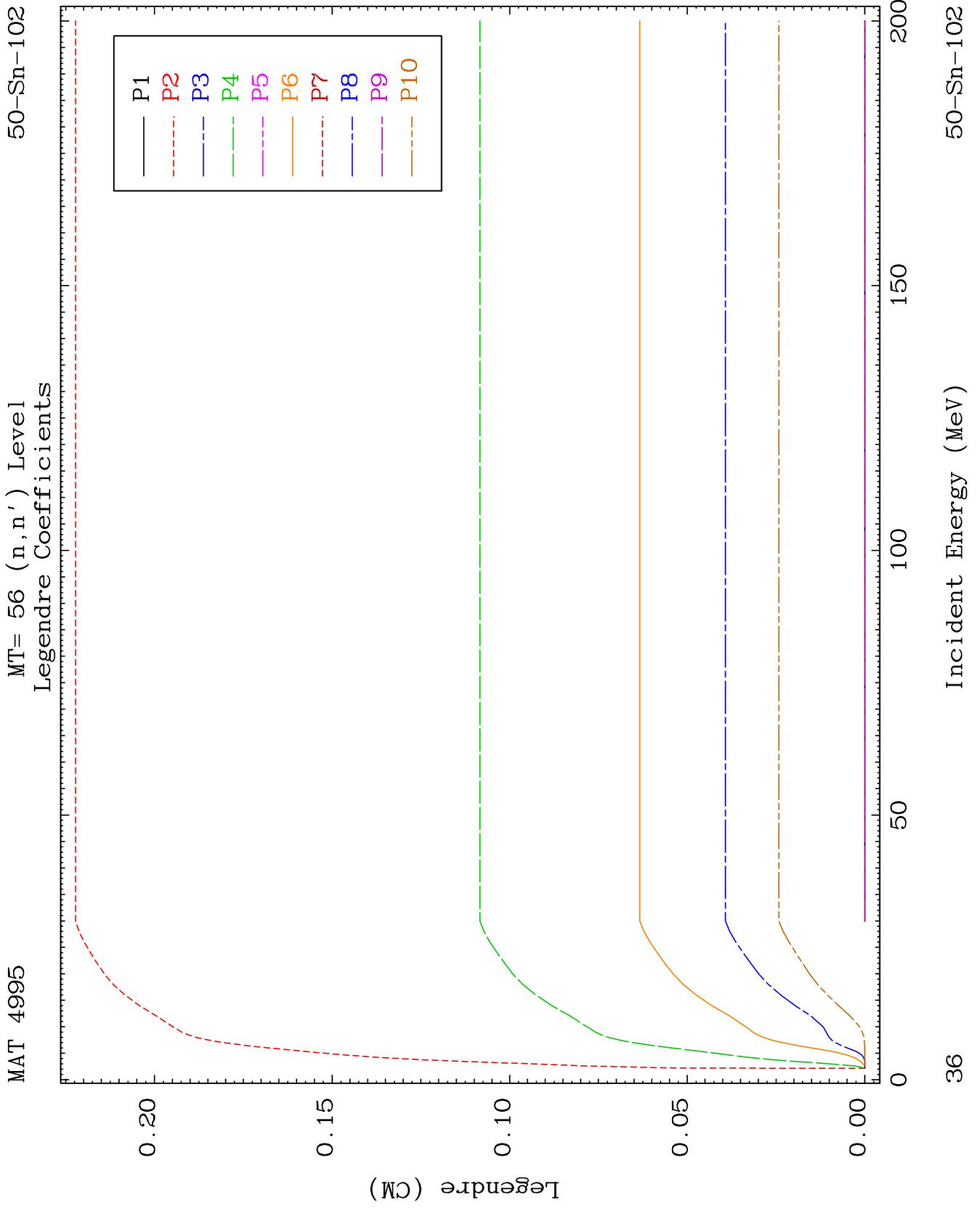
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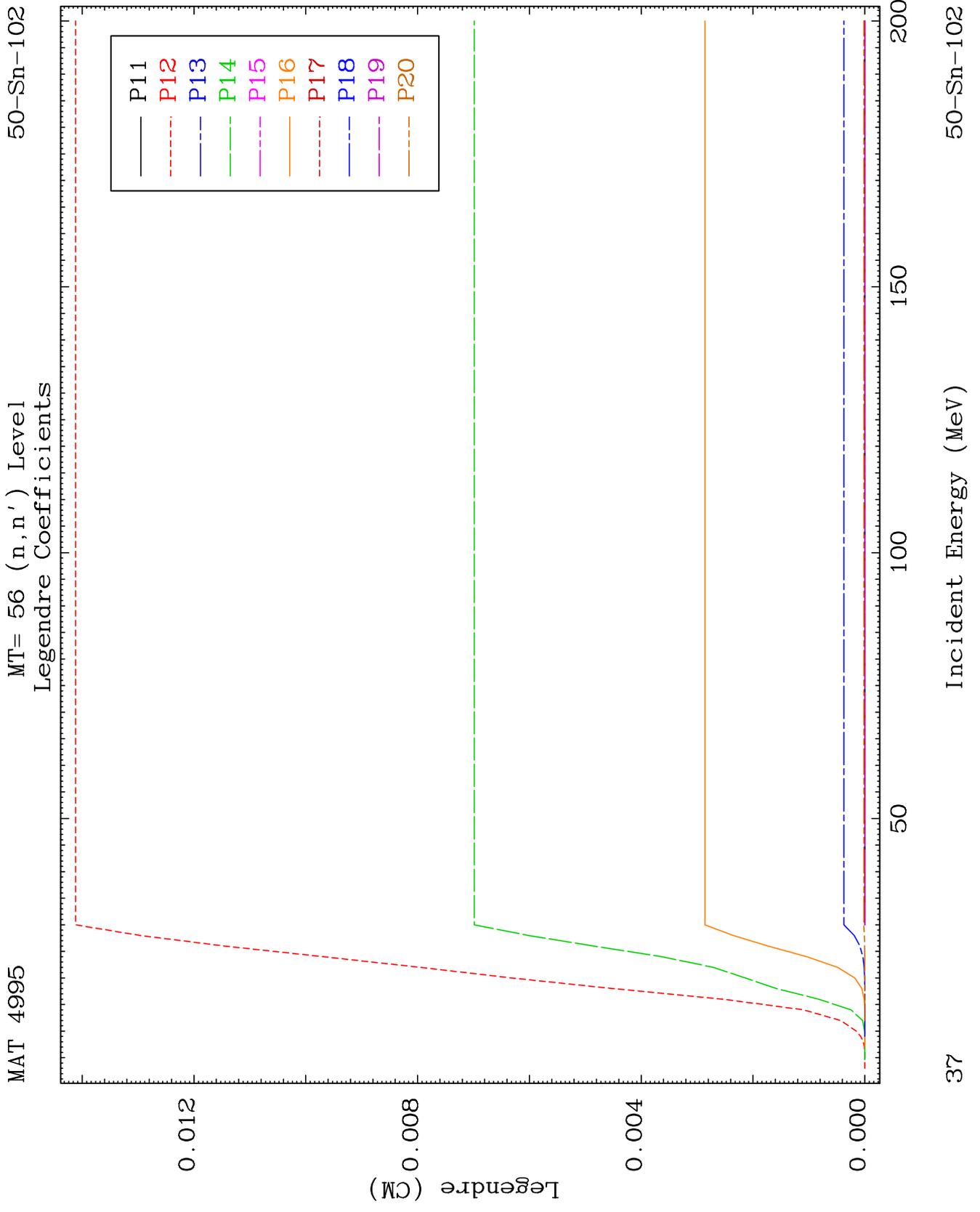




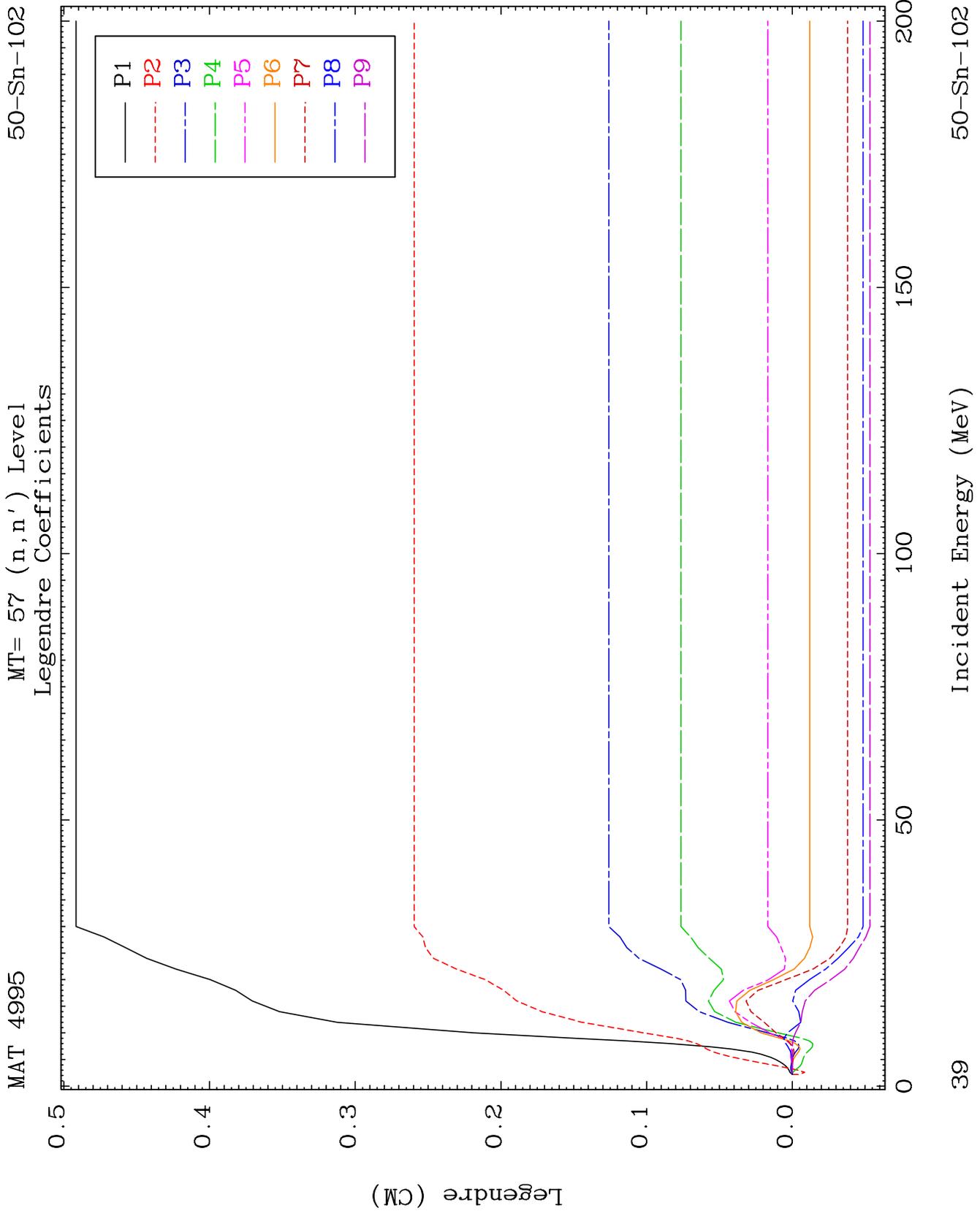


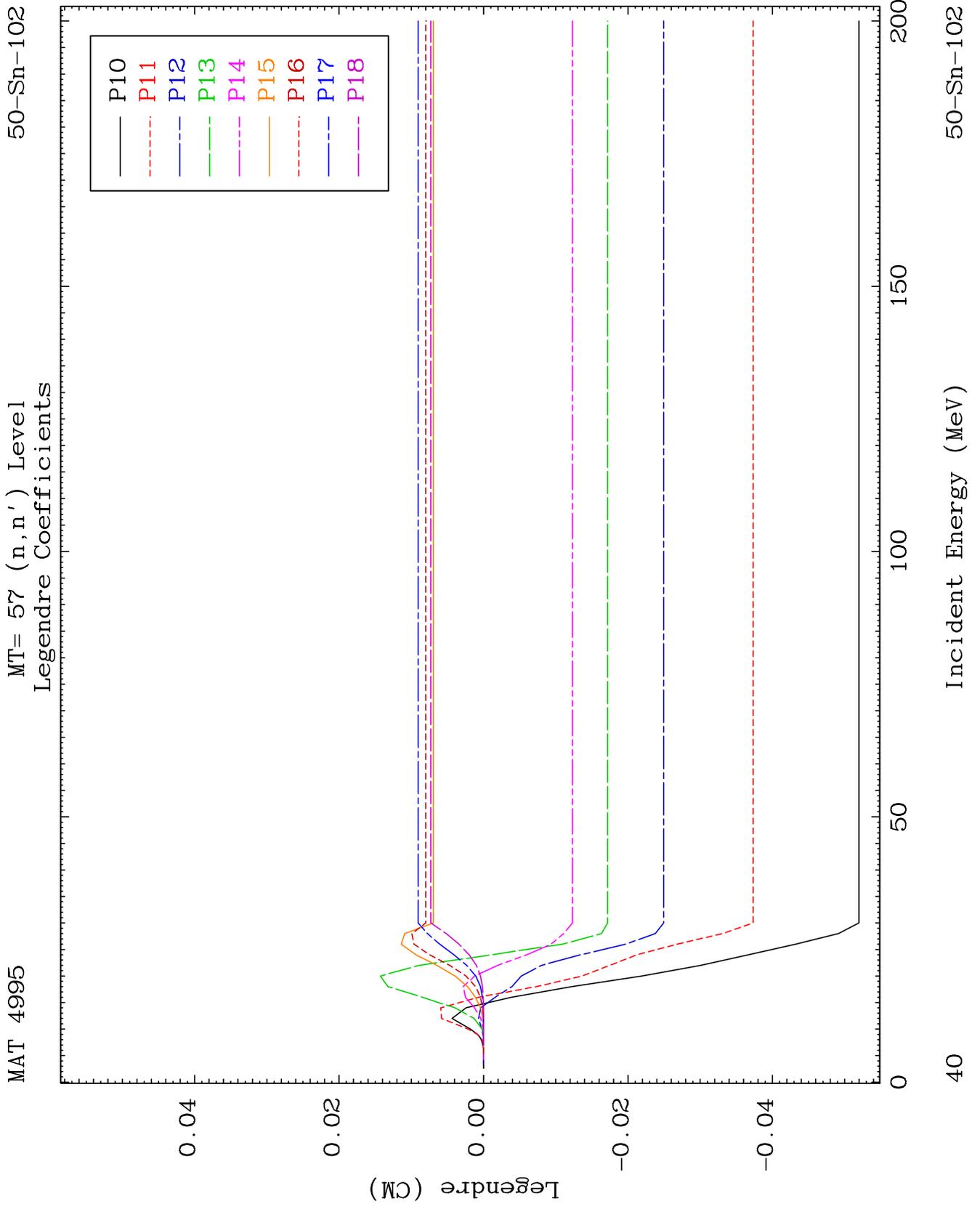


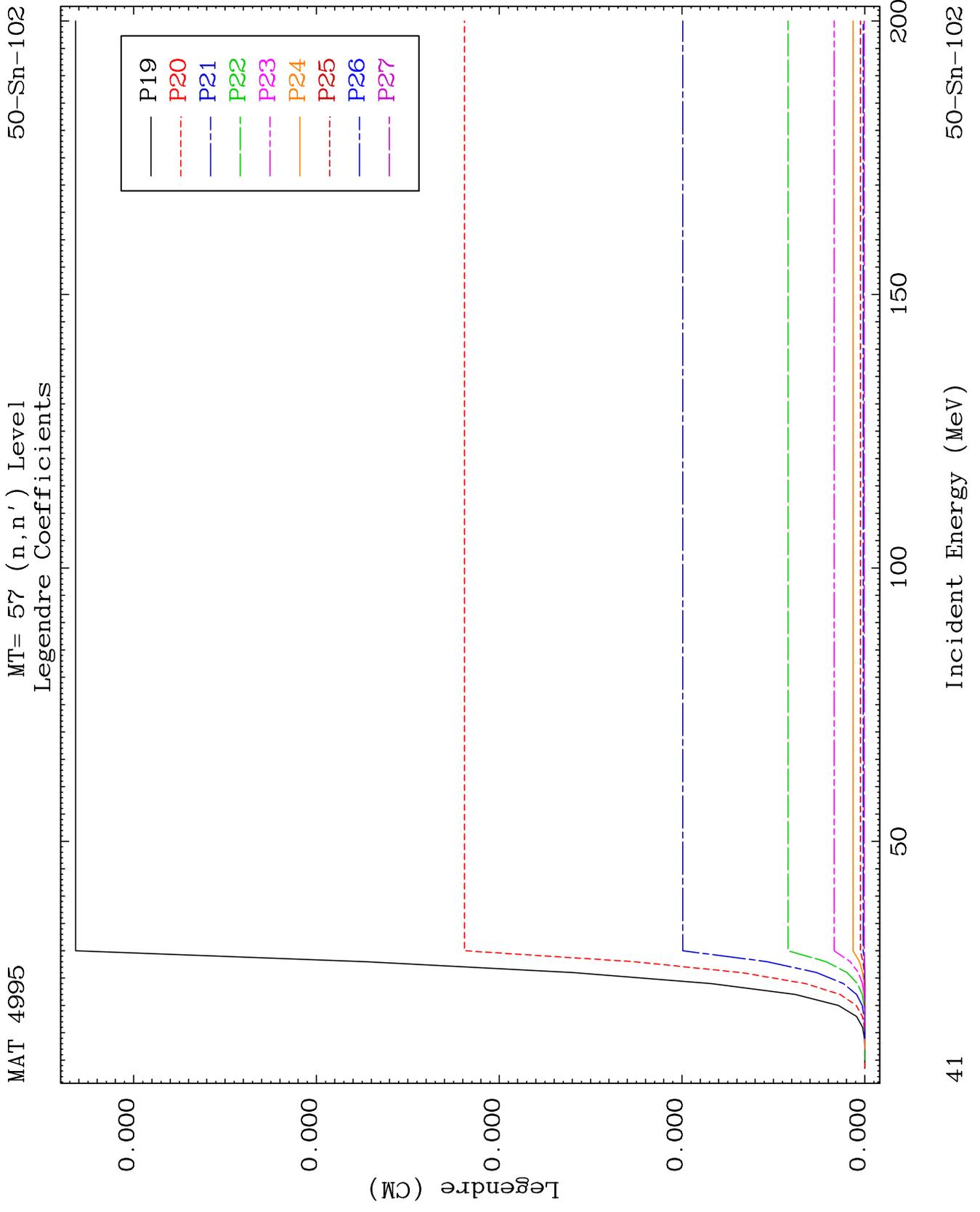








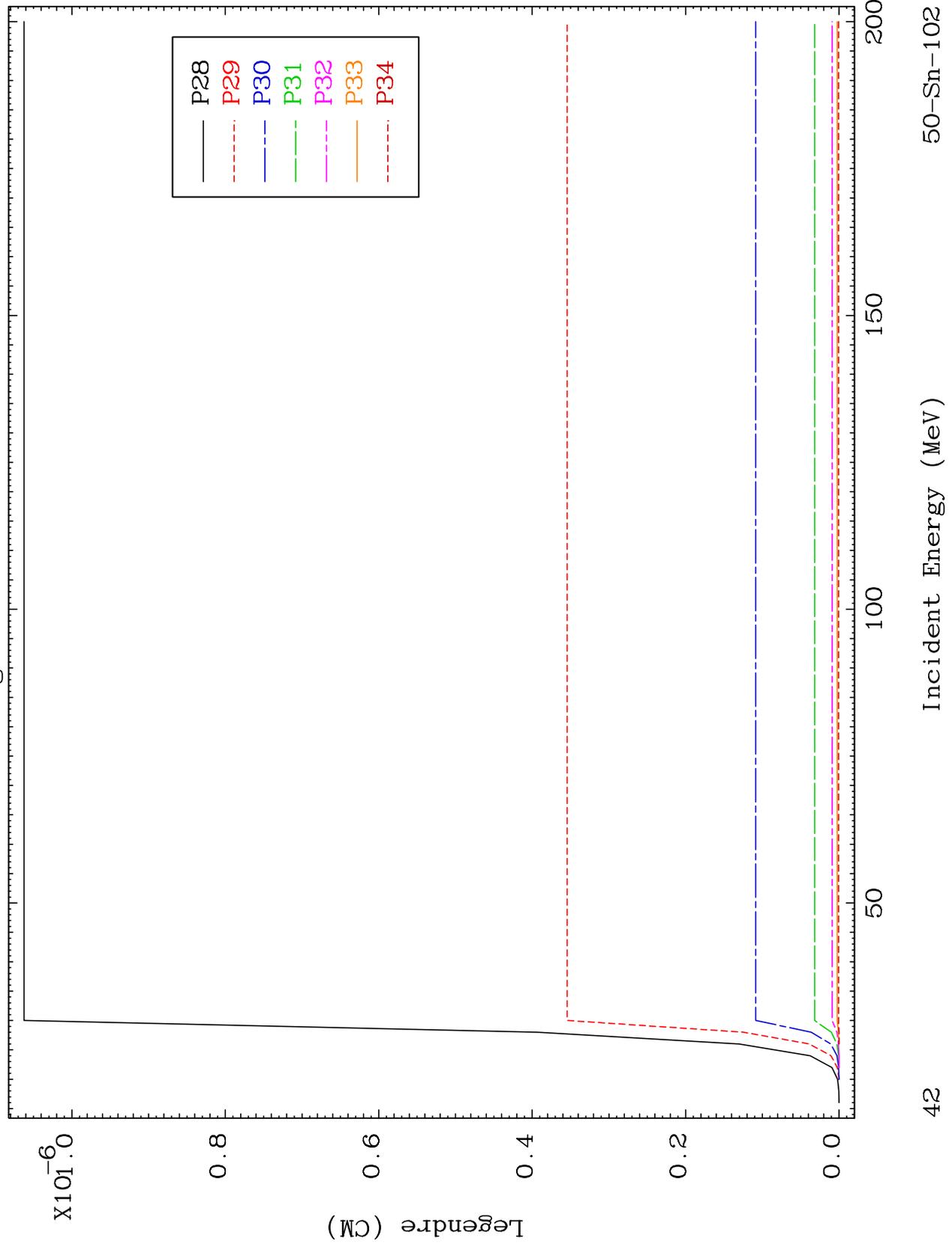




MAT 4995

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

50-Sn-102

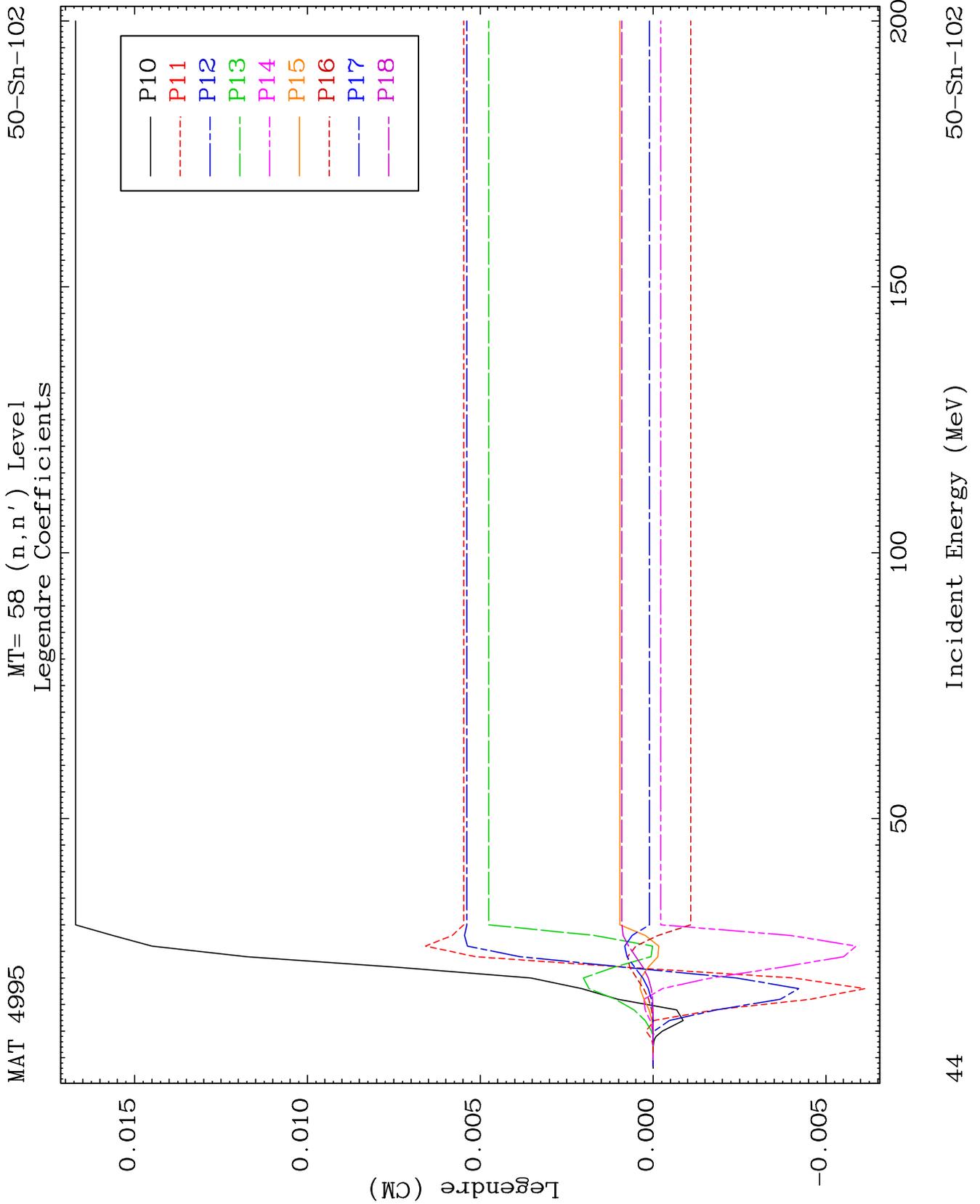


42

Incident Energy (MeV)

50-Sn-102

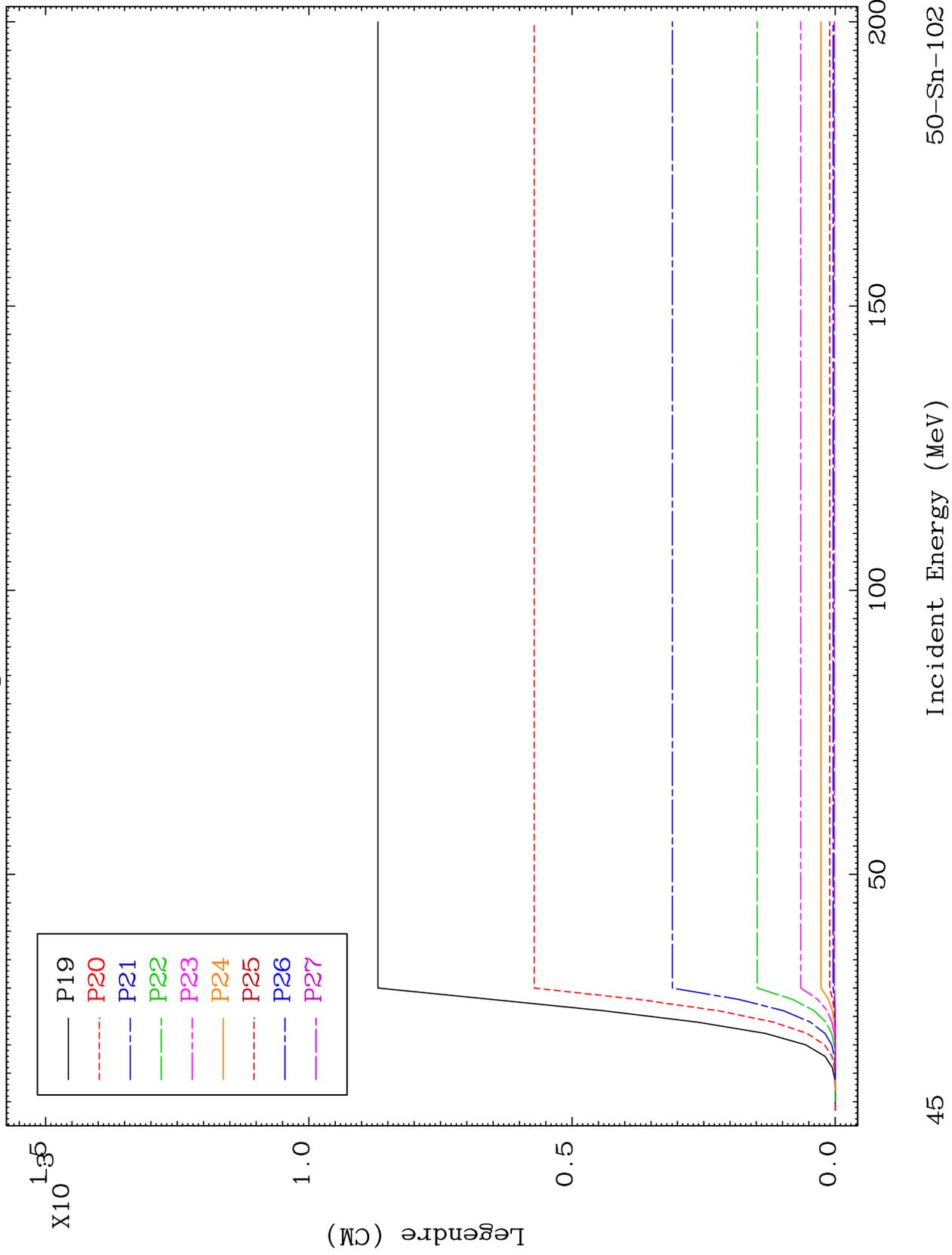




MAT 4995

MT= 58 (n,n') Level  
Legendre Coefficients

50-Sn-102



45

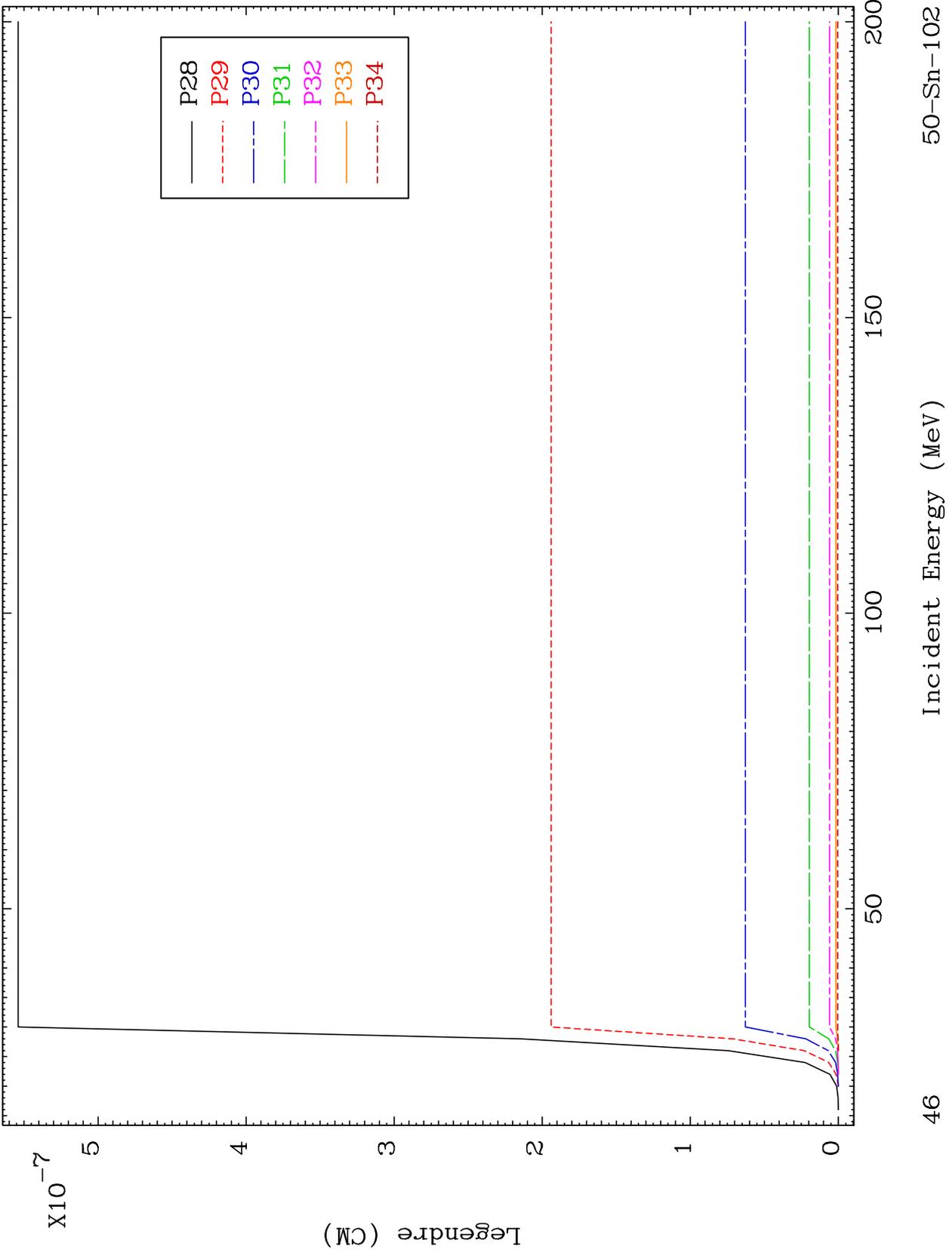
Incident Energy (MeV)

50-Sn-102

MAT 4995

MT= 58 (n,n') Level  
Legendre Coefficients

50-Sn-102



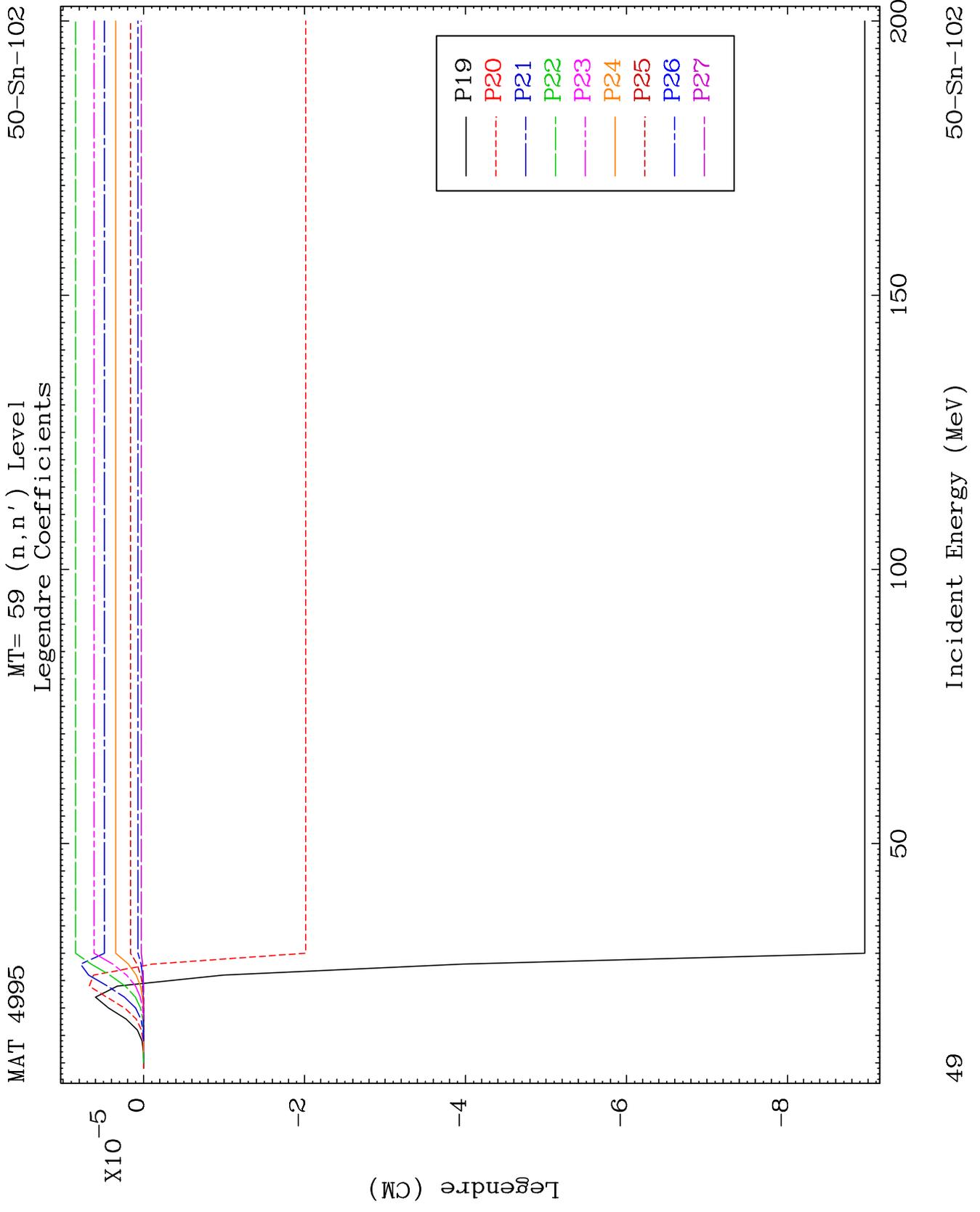
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Incident Energy (MeV)

50-Sn-102



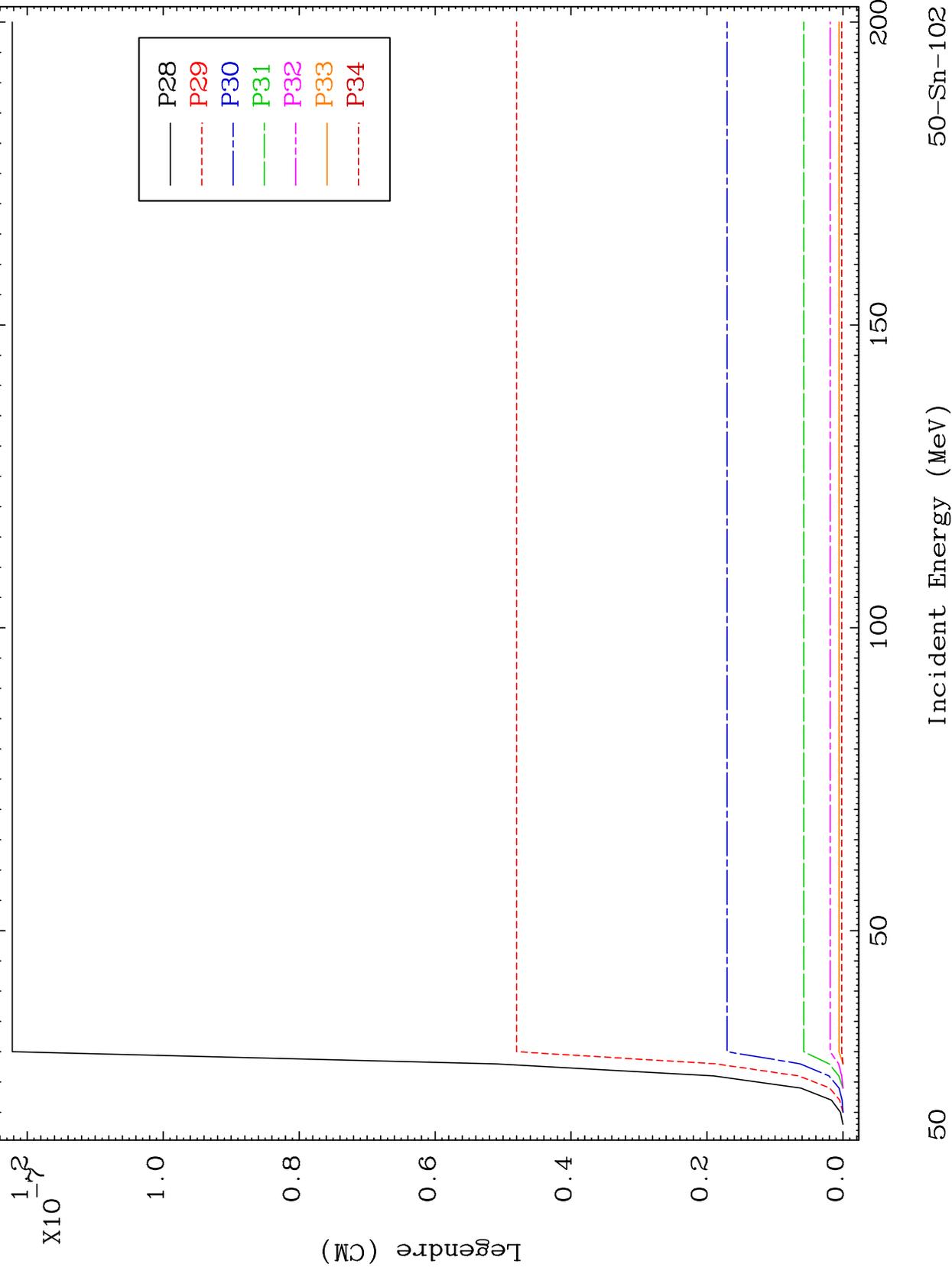




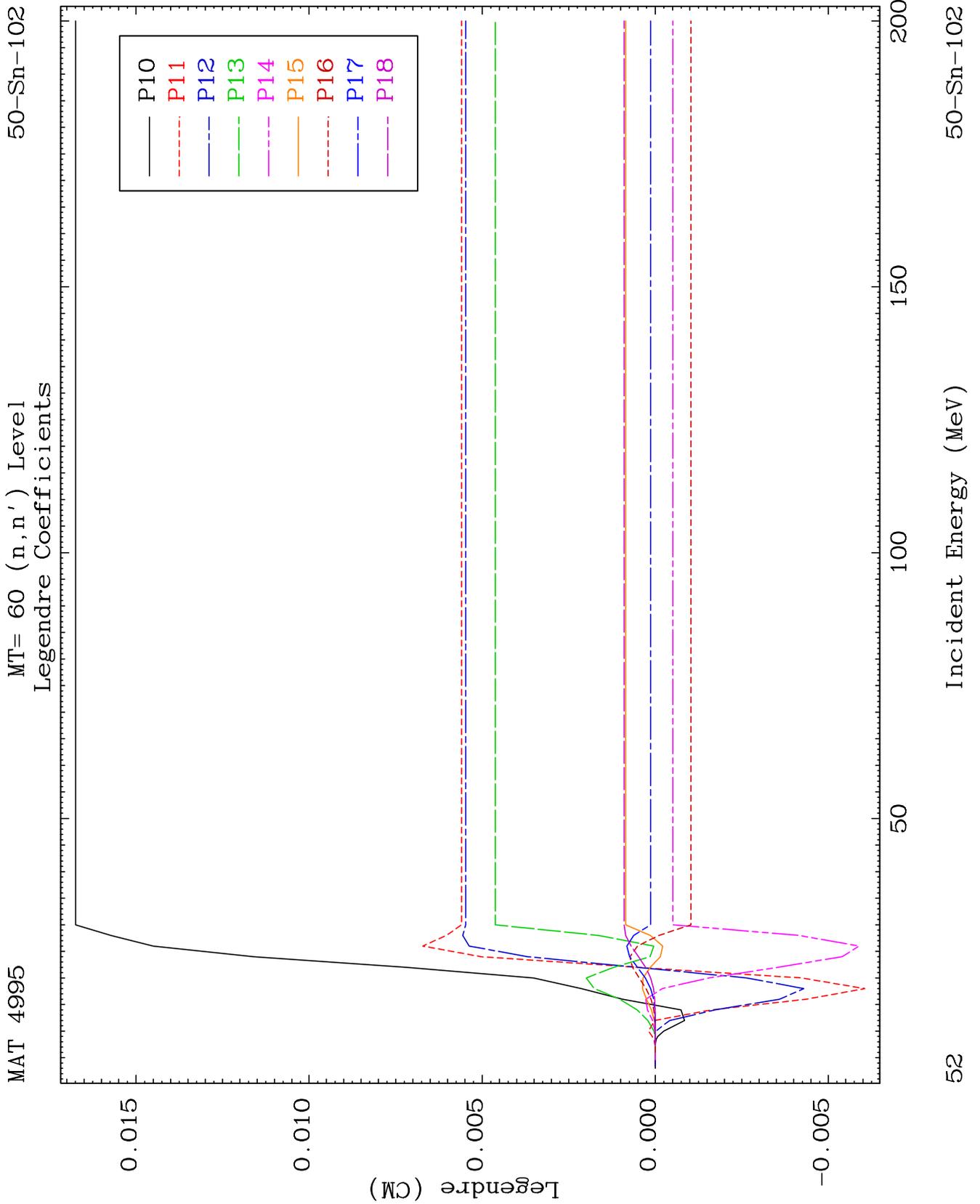
MAT 4995

MT= 59 (n,n') Level  
Legendre Coefficients

50-Sn-102



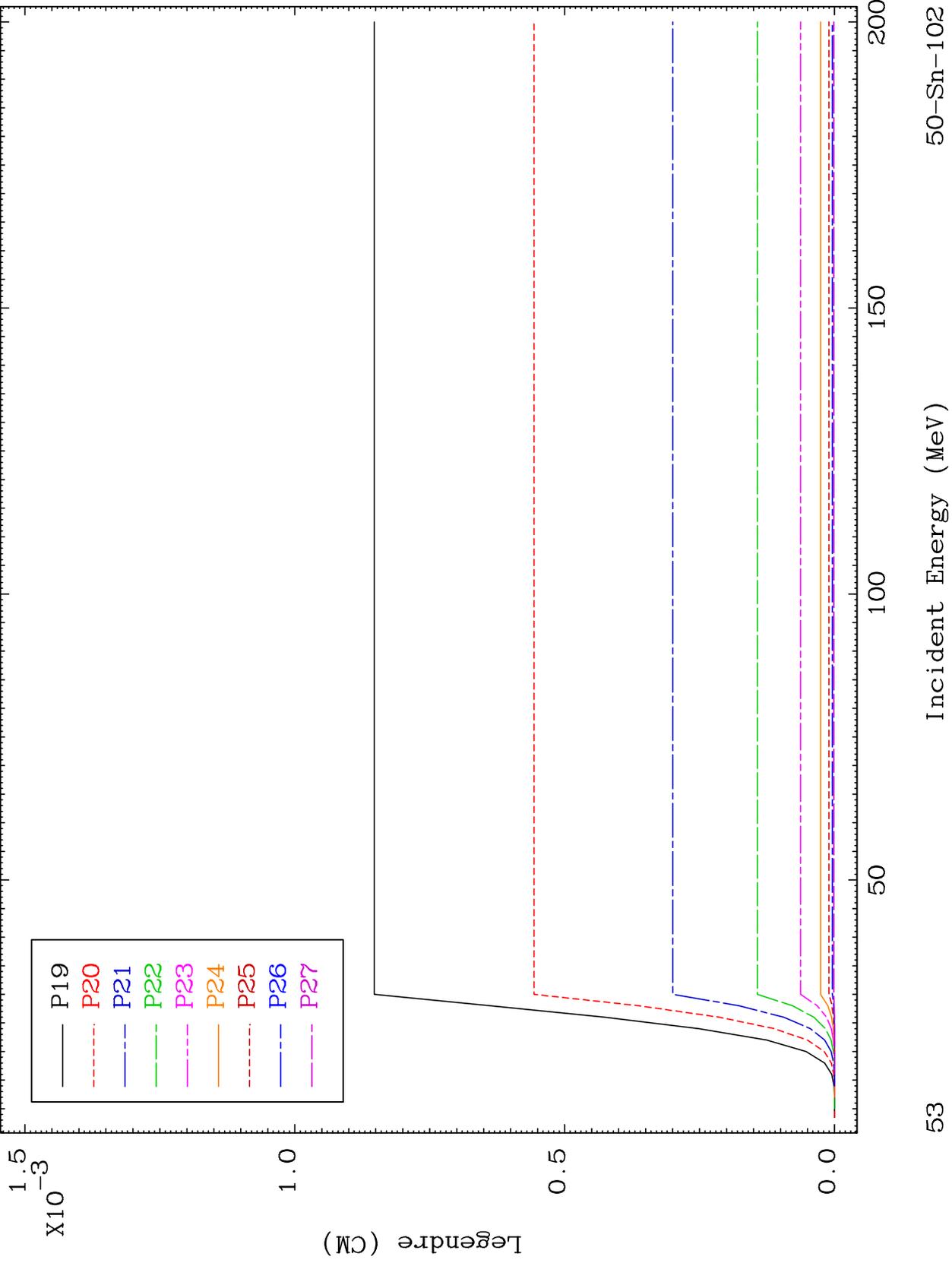




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Legendre Coefficients

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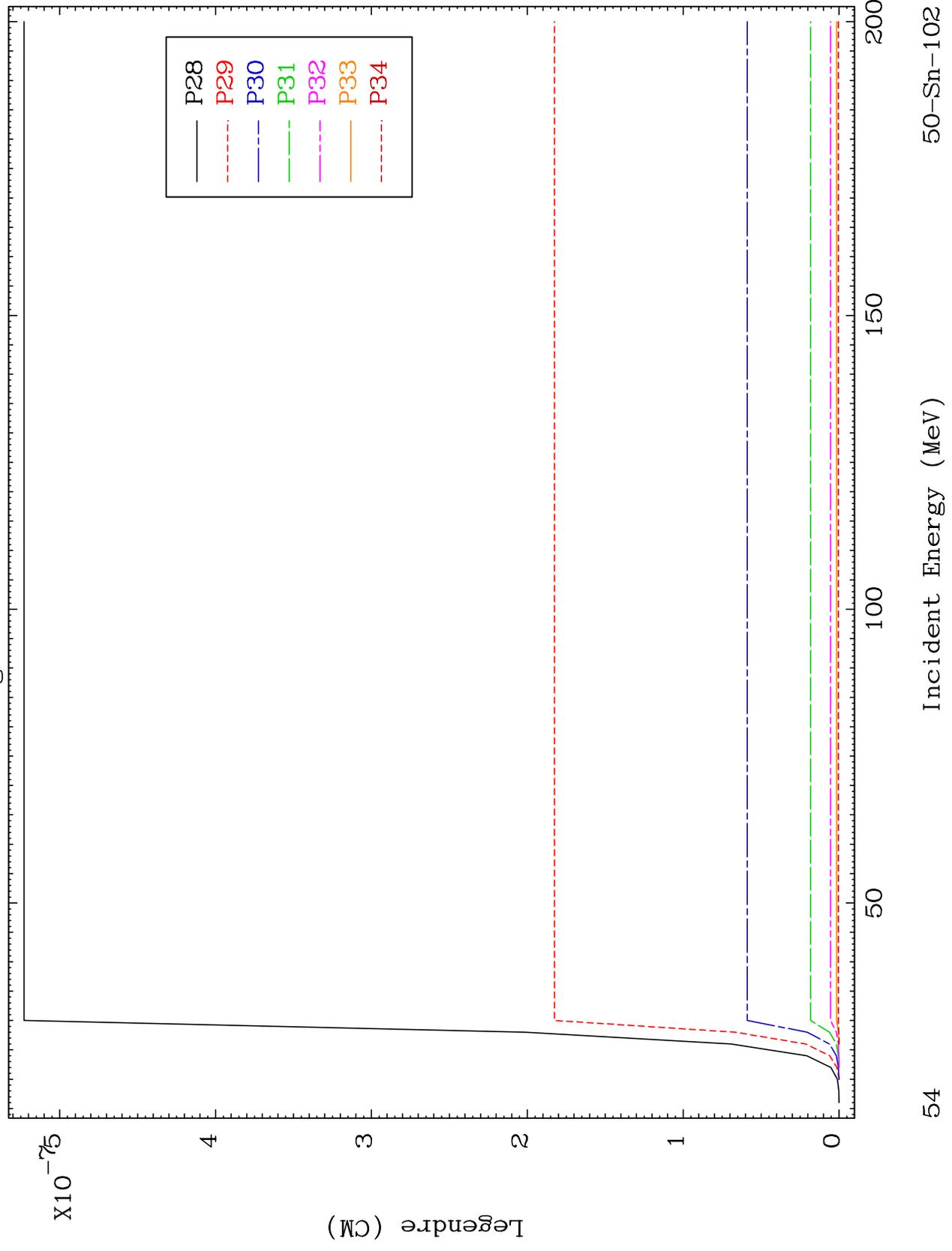


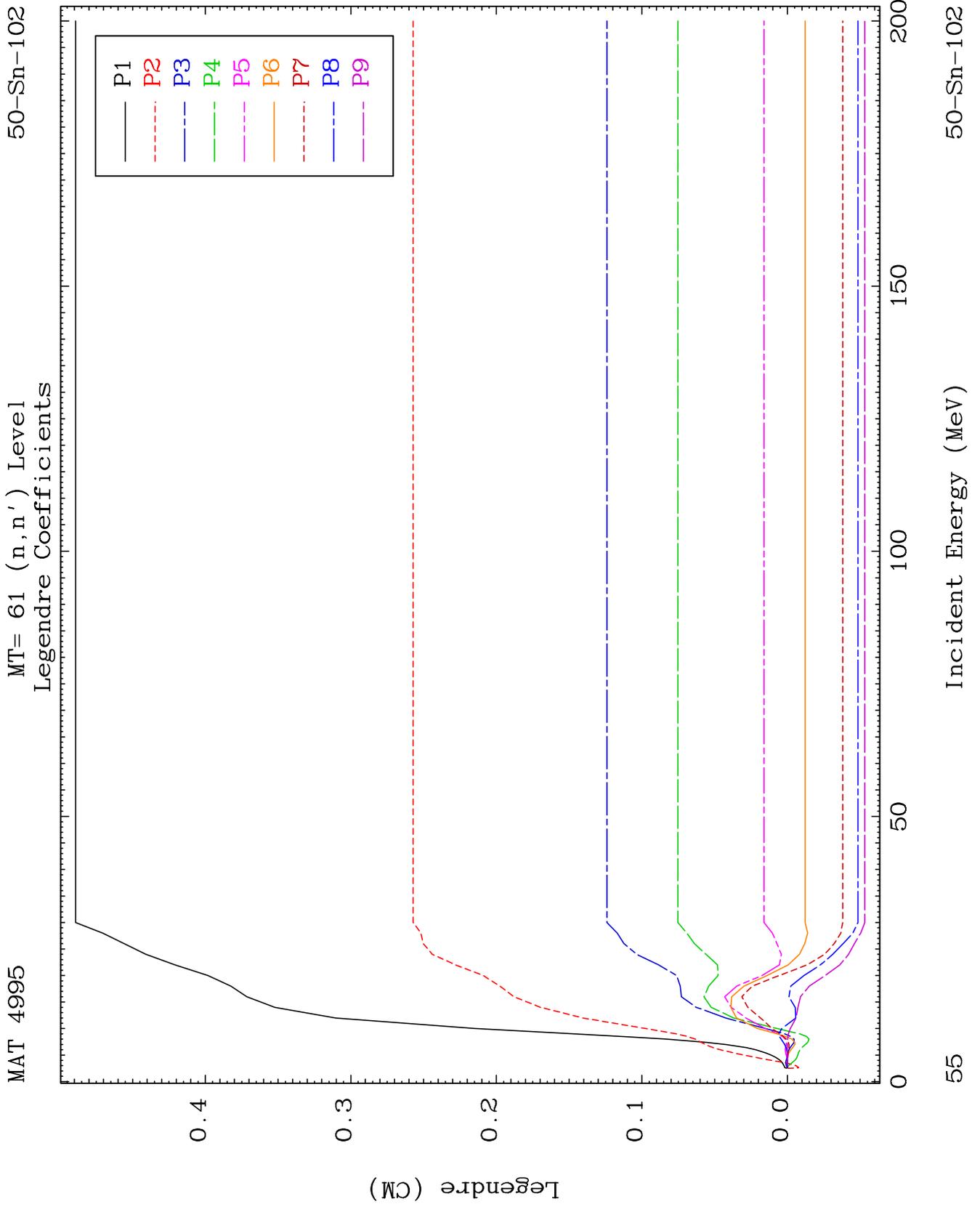
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MAT 4995

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Legendre Coefficients

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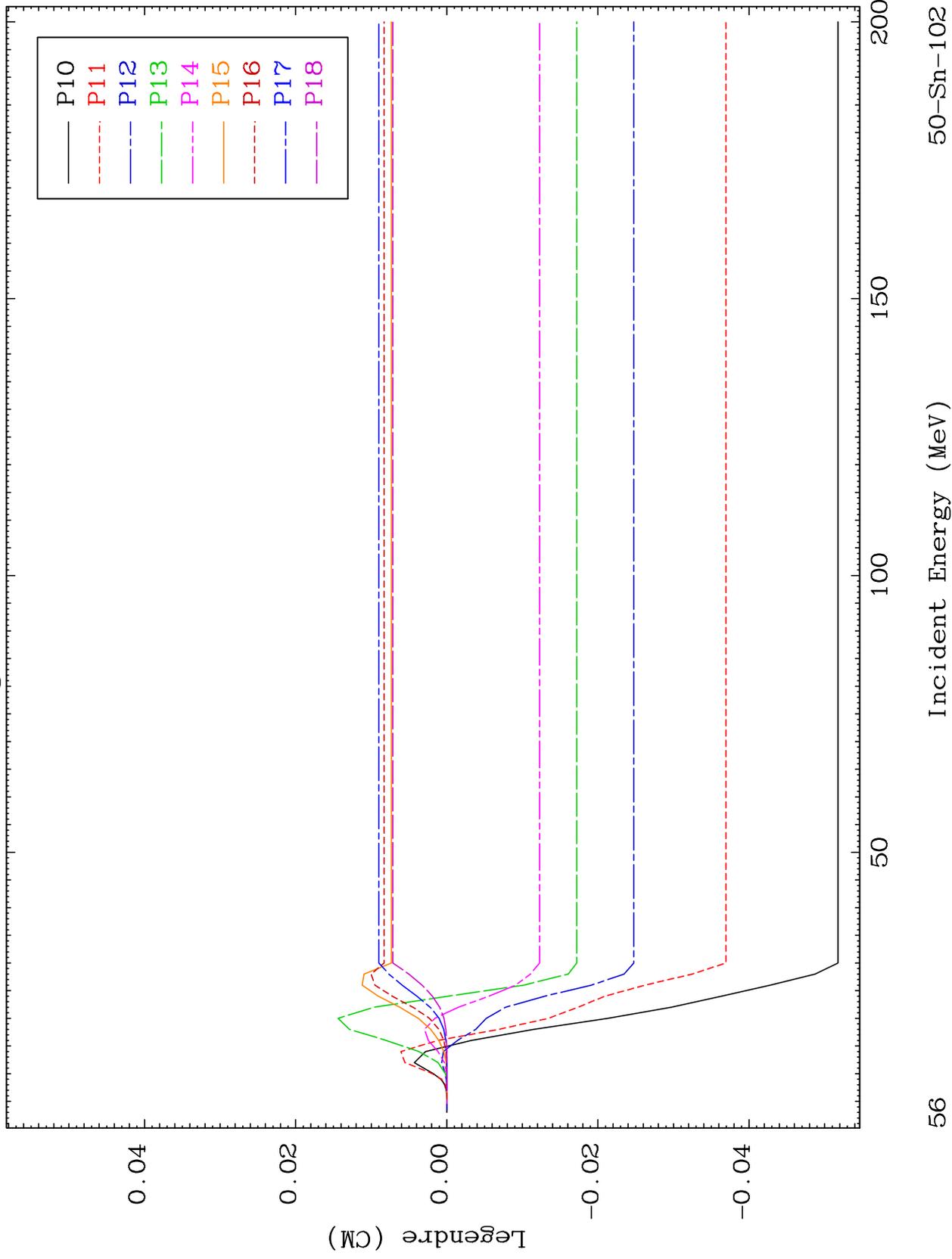




MAT 4995

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Legendre Coefficients

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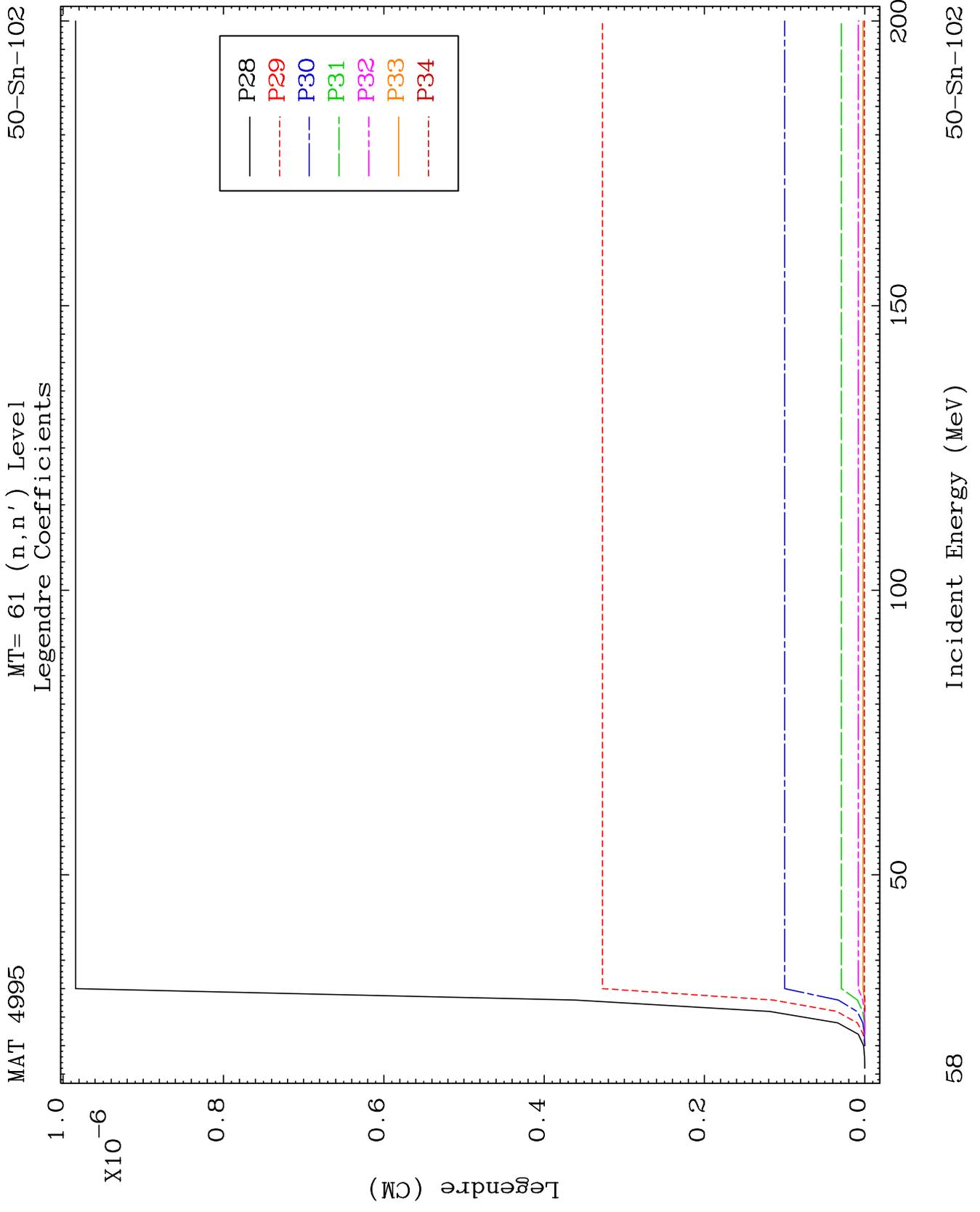


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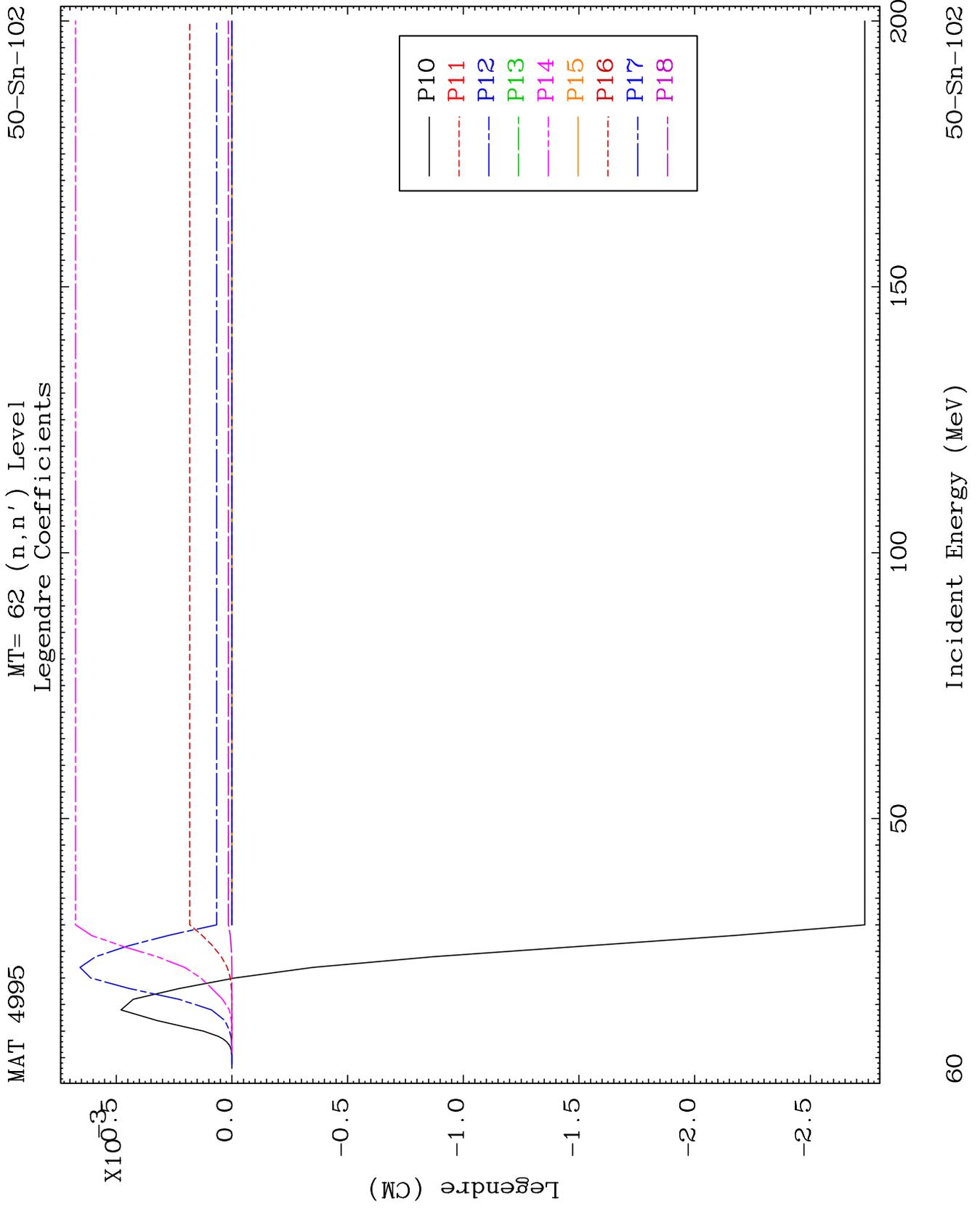
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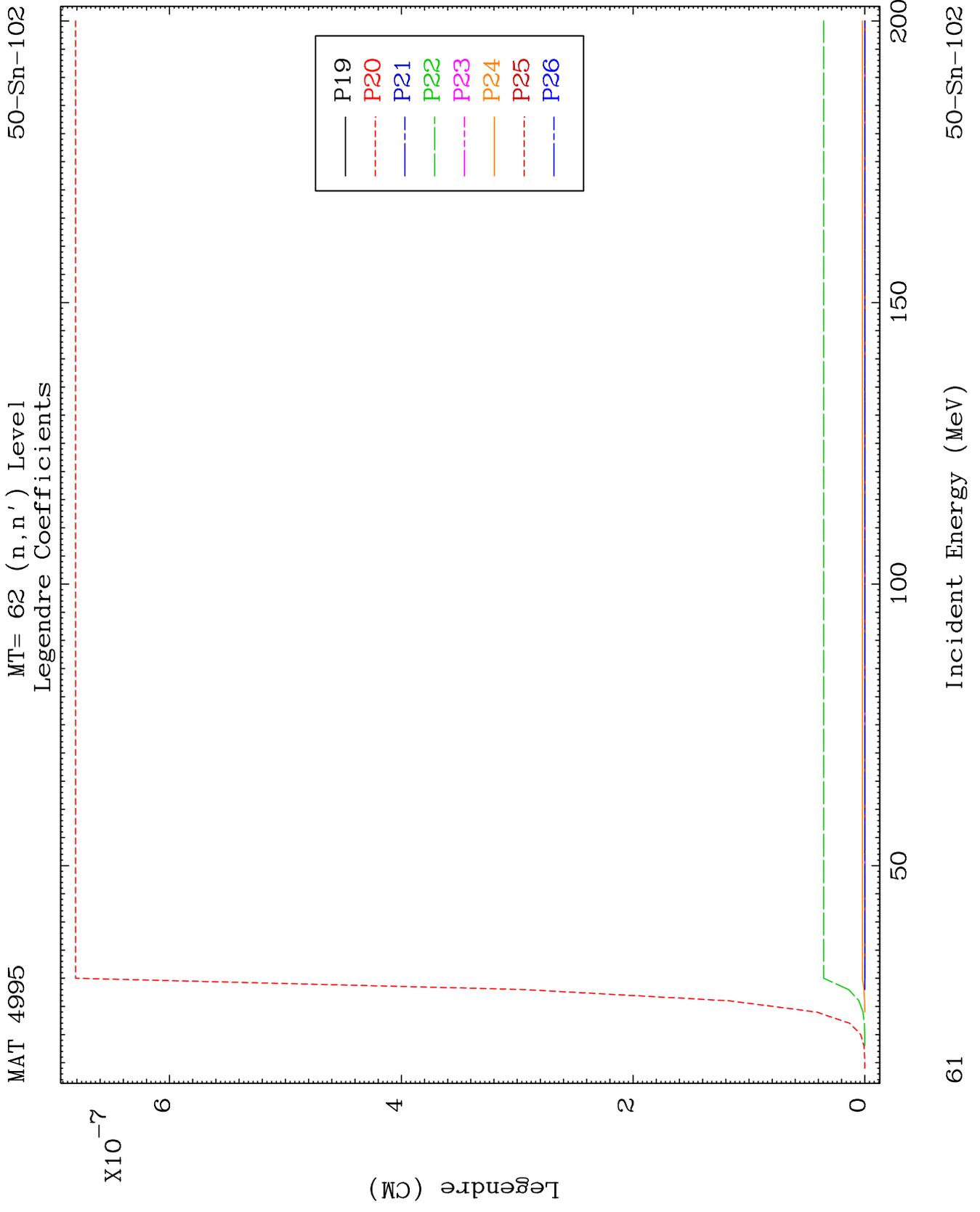
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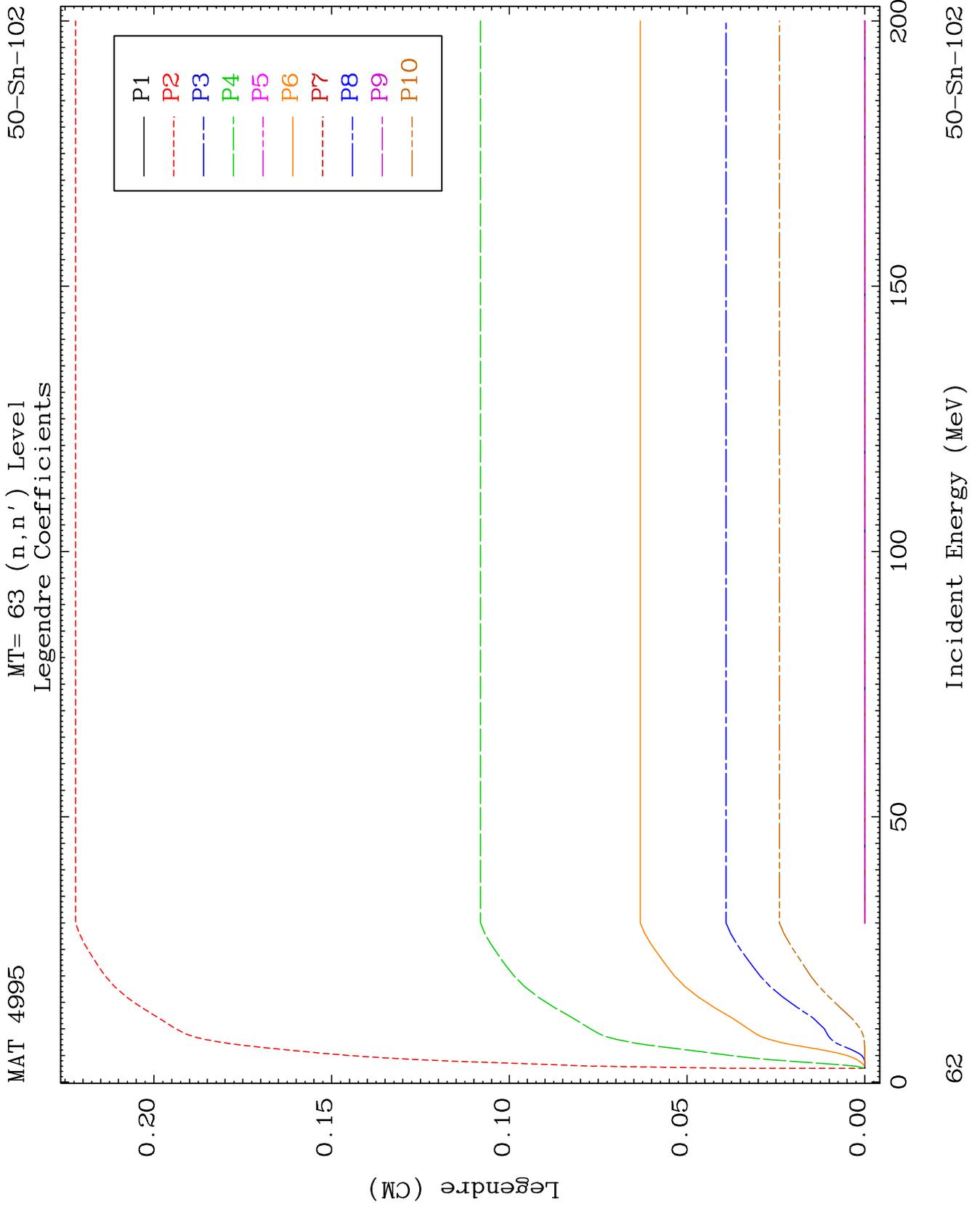




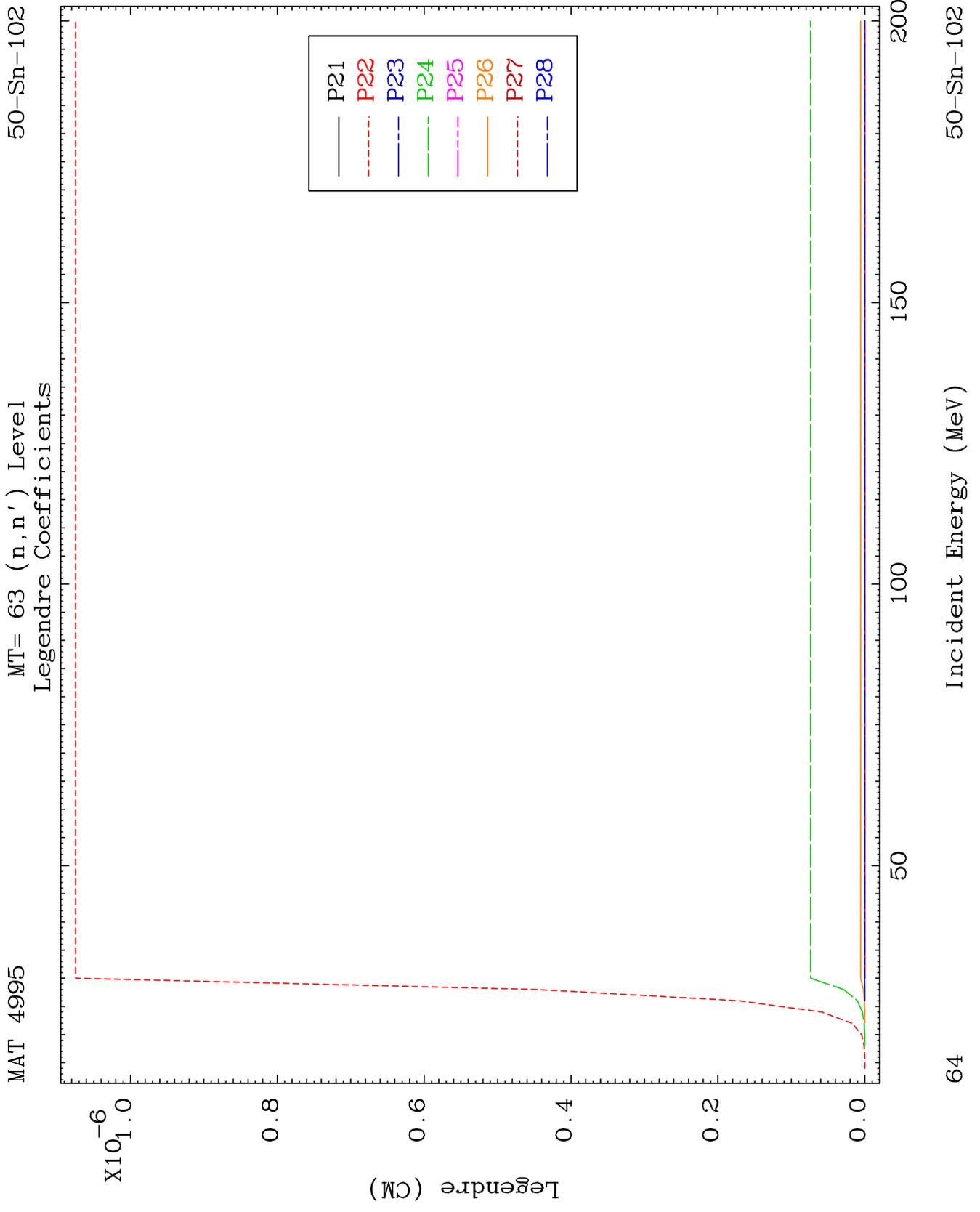


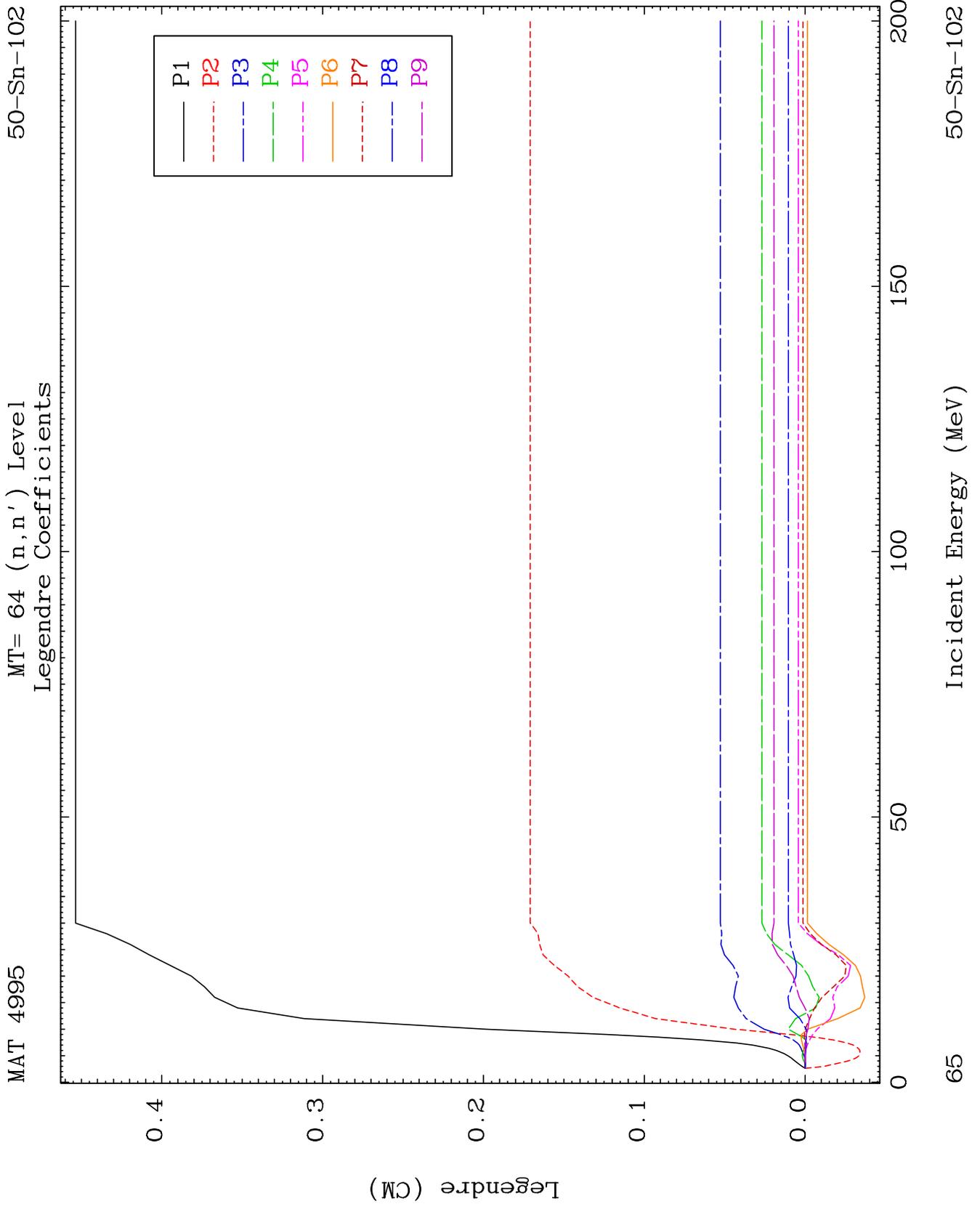


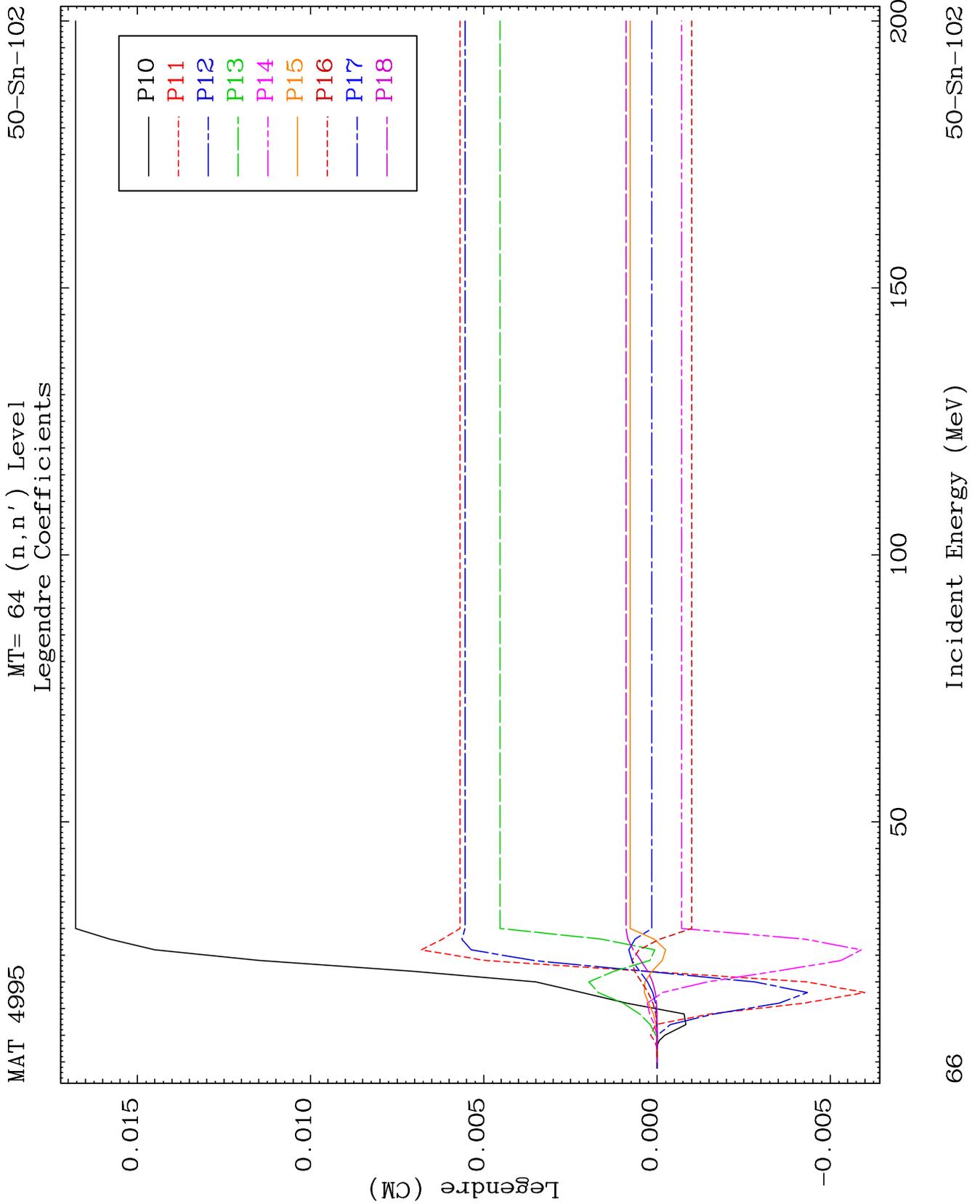








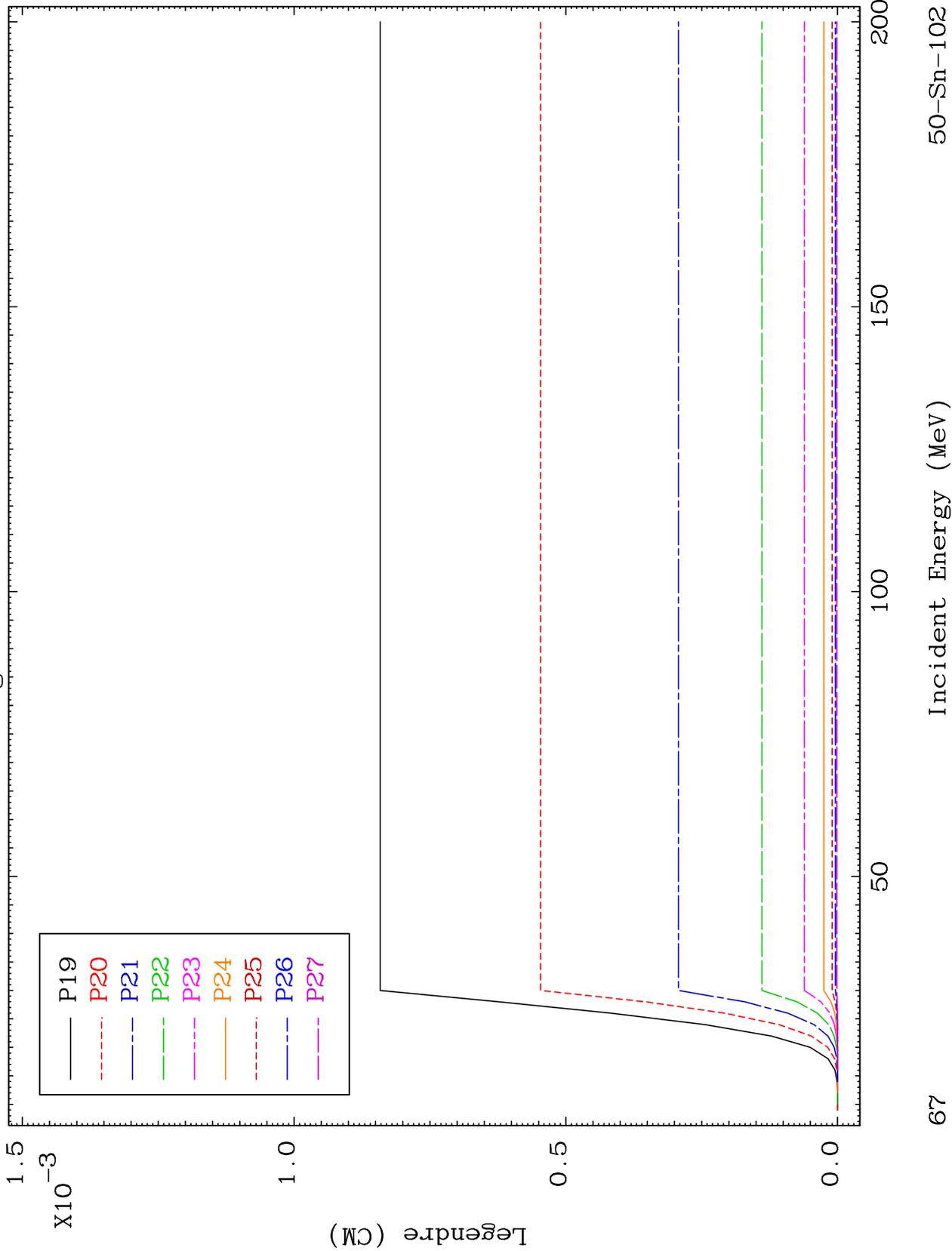




MAT 4995

MT= 64 (n,n') Level  
Legendre Coefficients

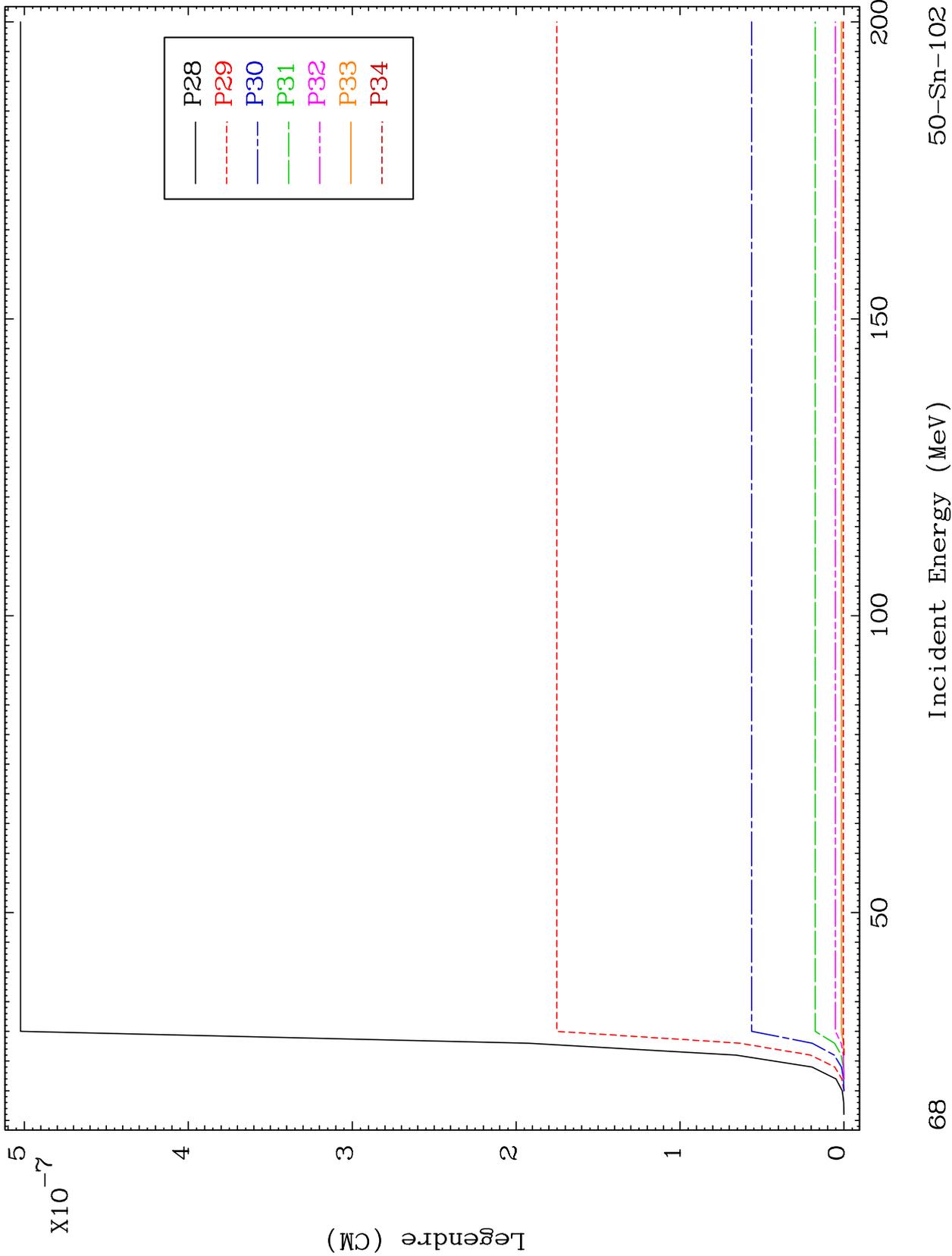
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MAT 4995

MT= 64 (n,n') Level  
Legendre Coefficients

50-Sn-102



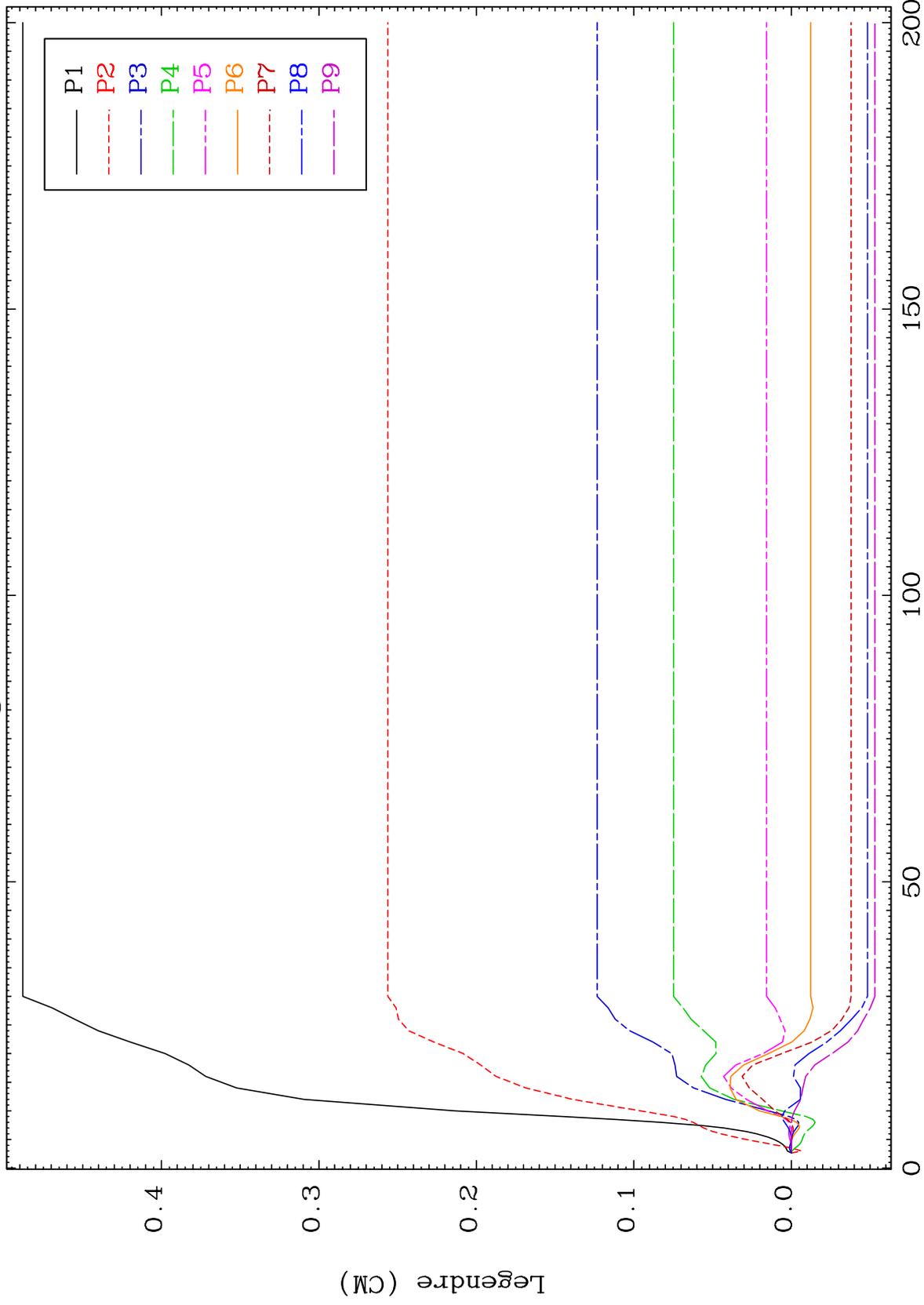
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50-Sn-102

MAT 4995

MT= 65 (n,n') Level  
Legendre Coefficients

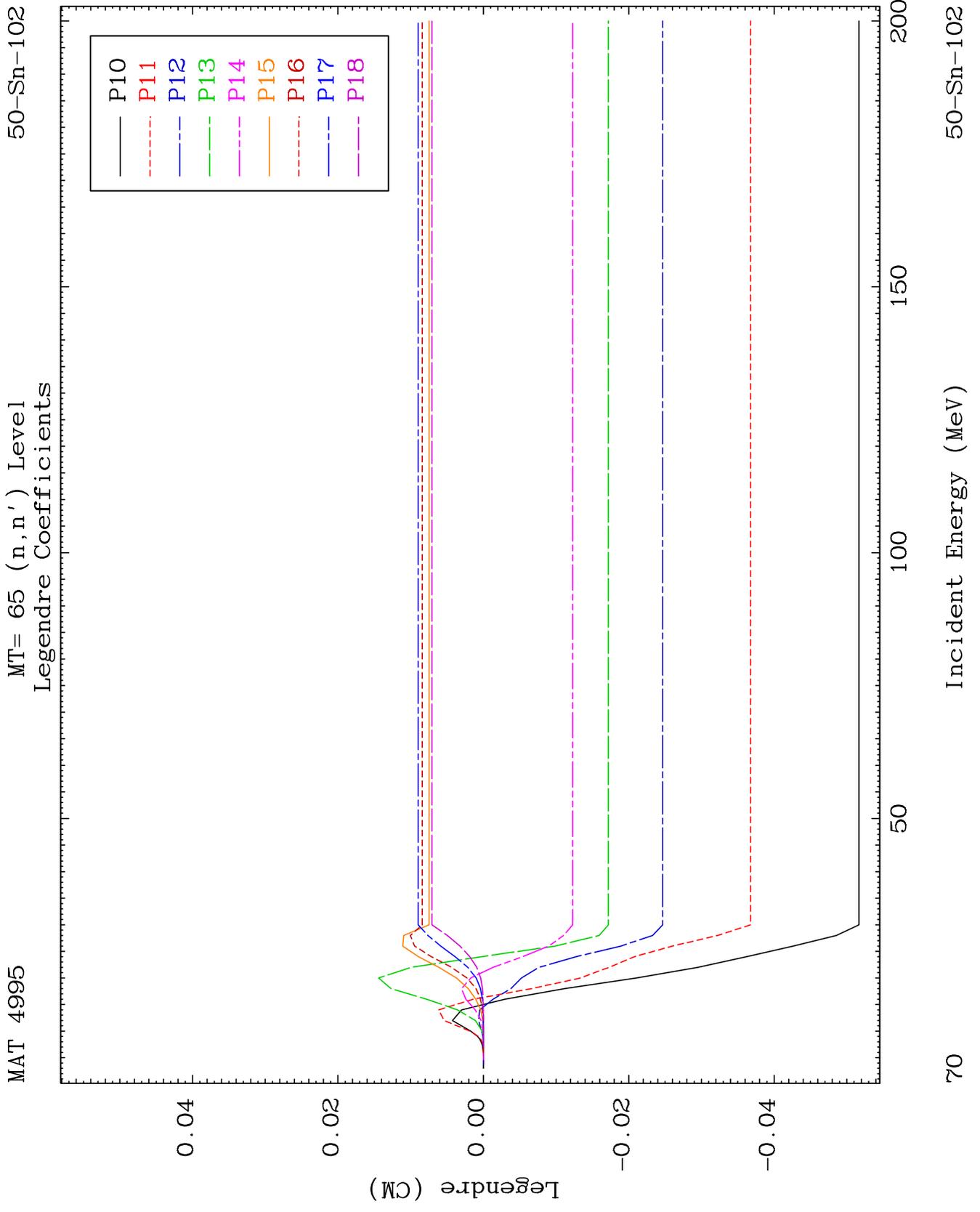
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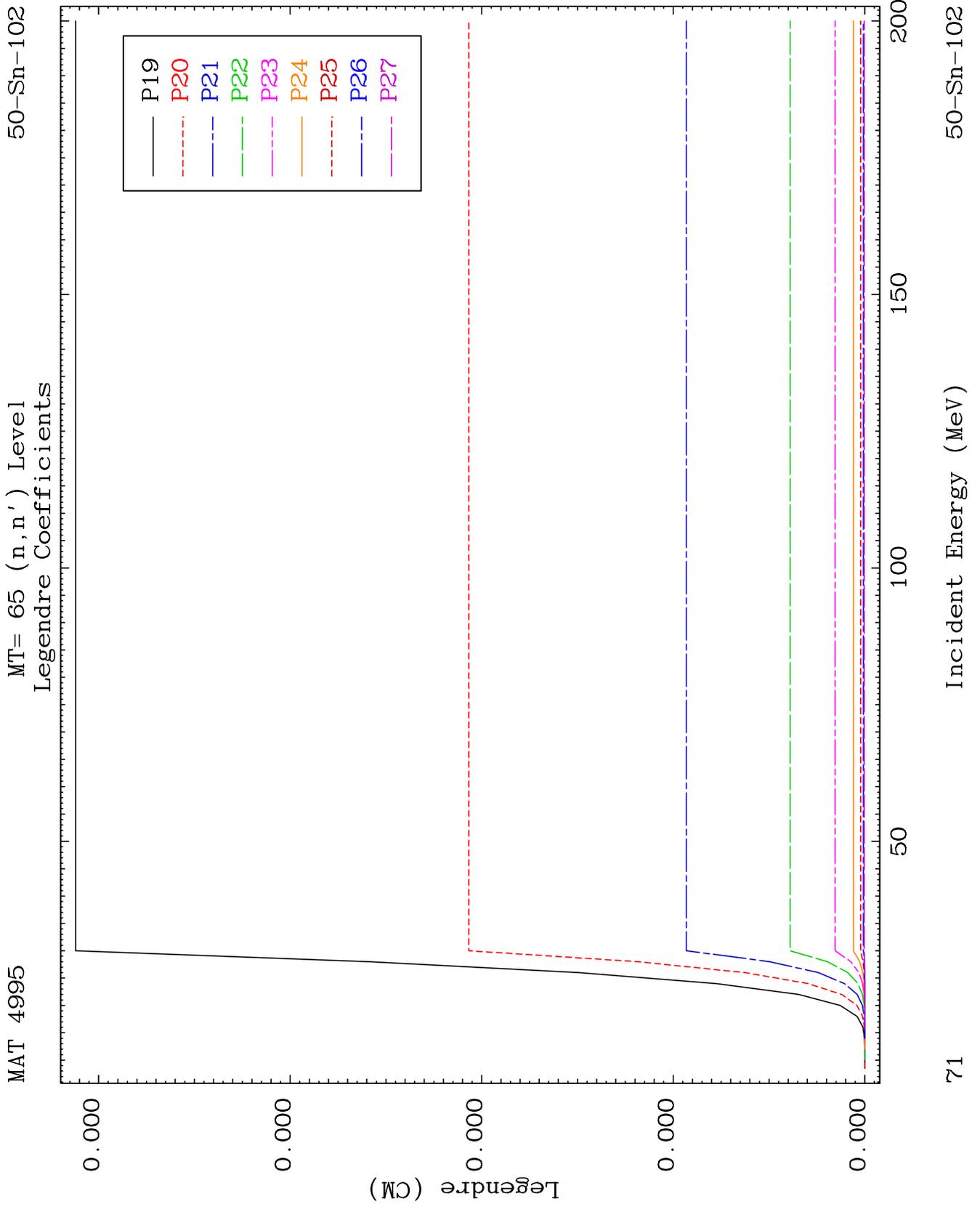


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Incident Energy (MeV)

50-Sn-102

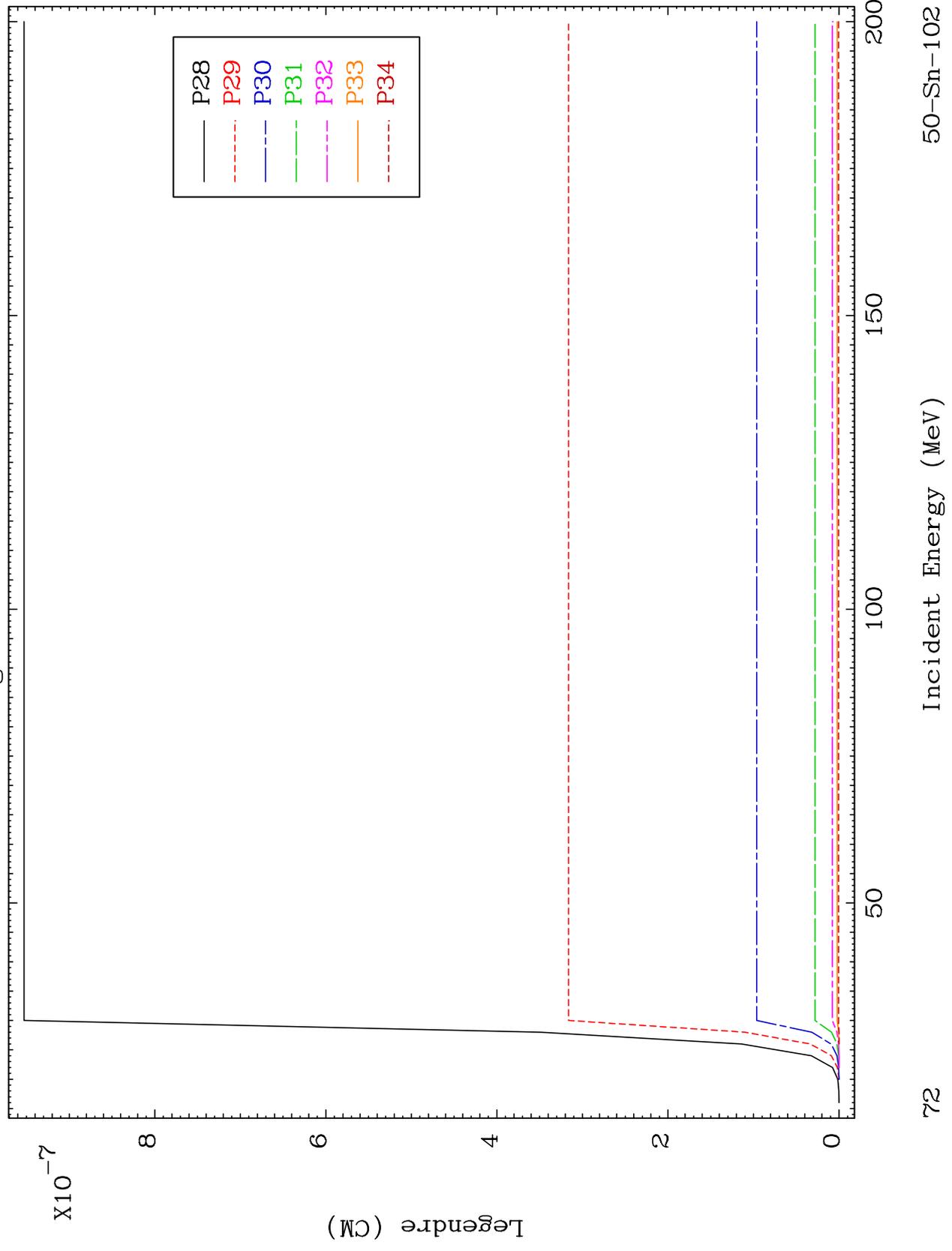




MAT 4995

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-102

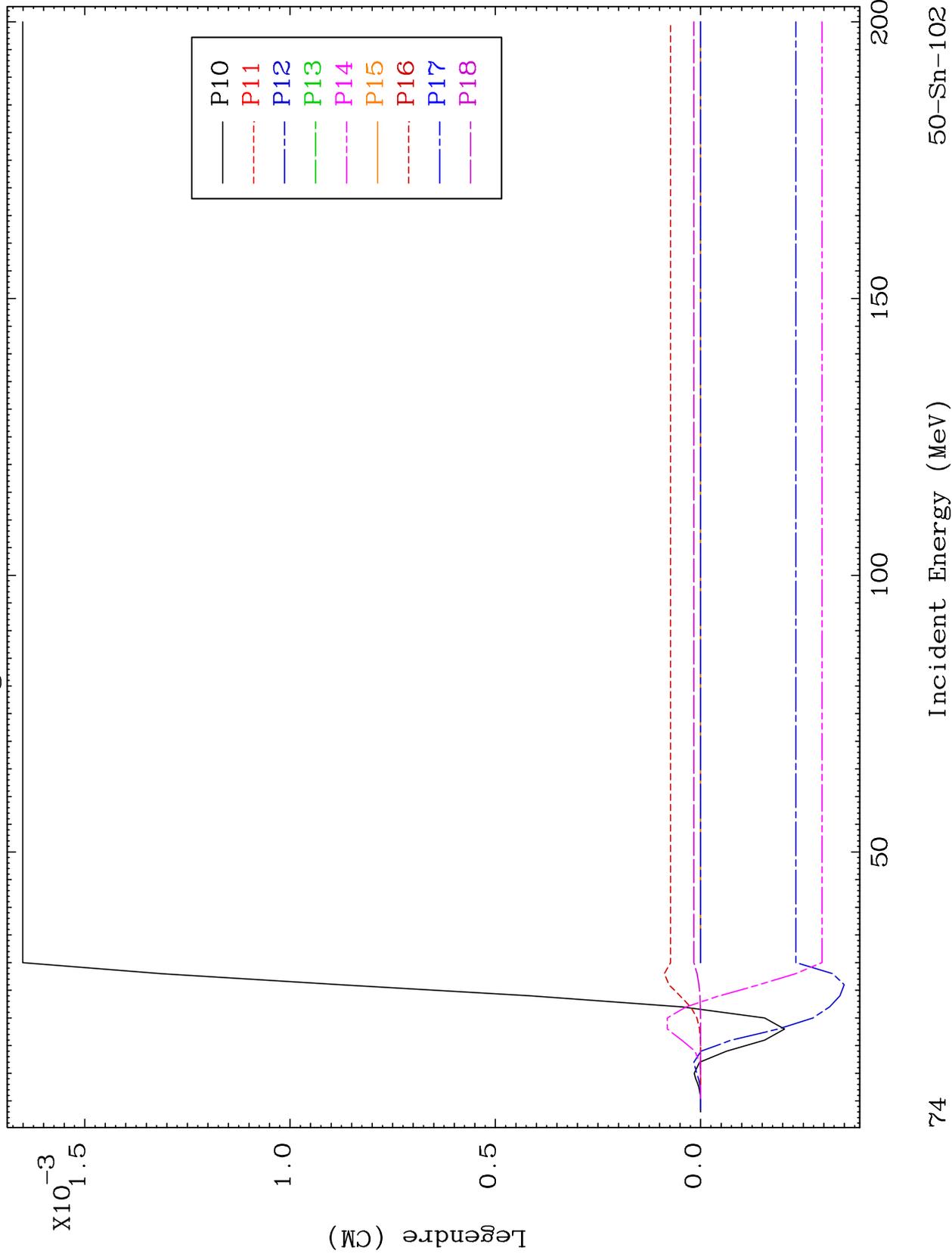




MAT 4995

MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-102

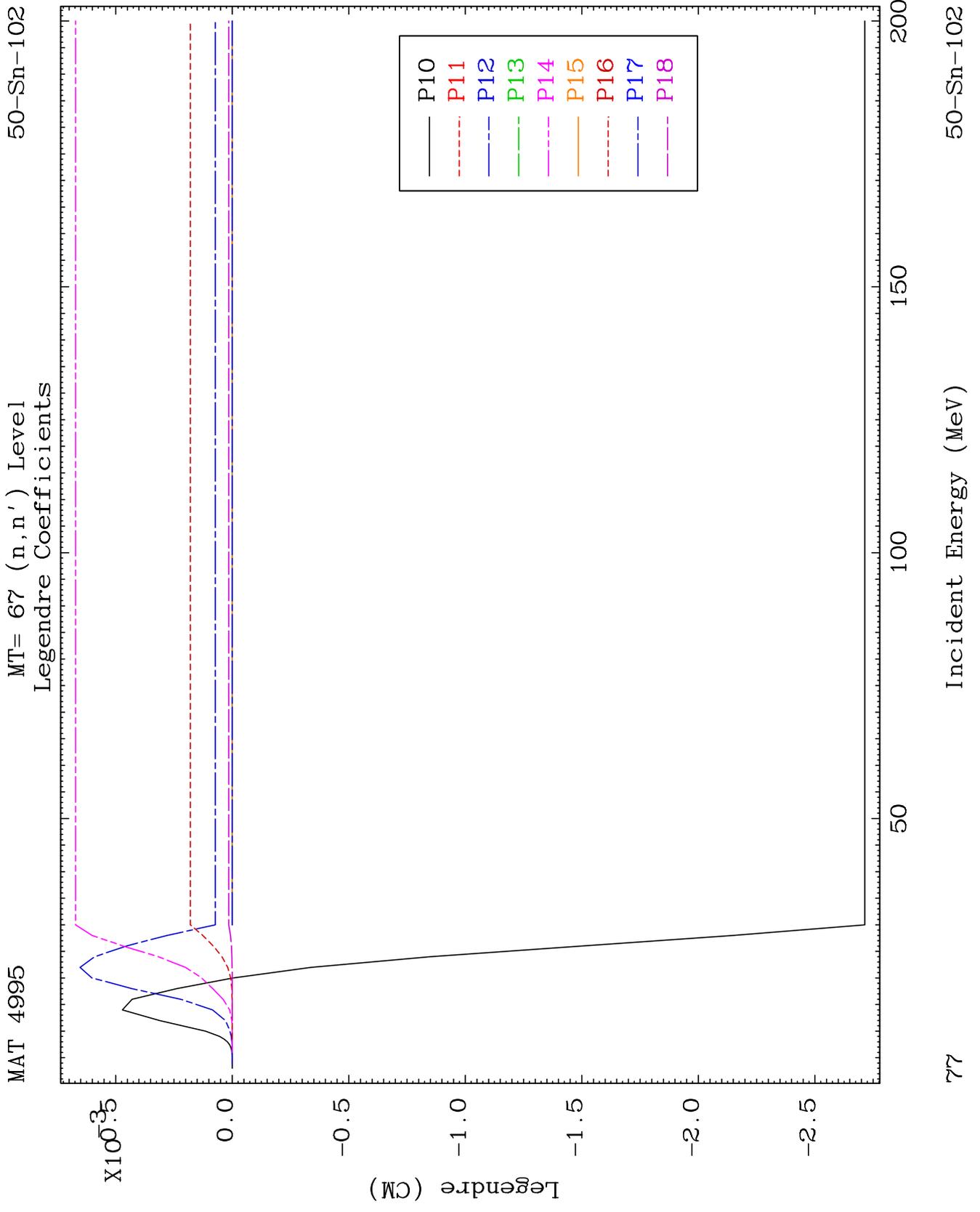


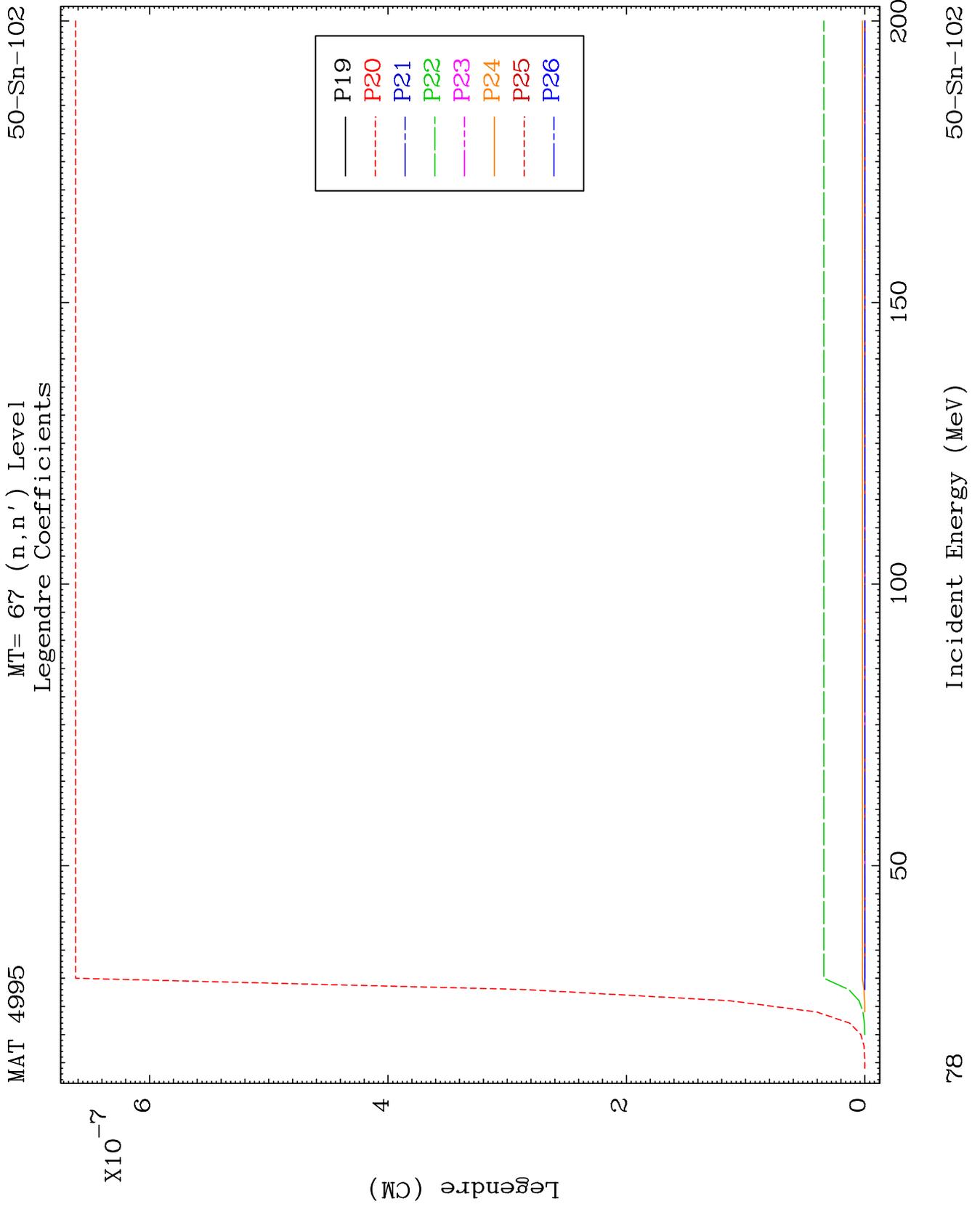
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50-Sn-102

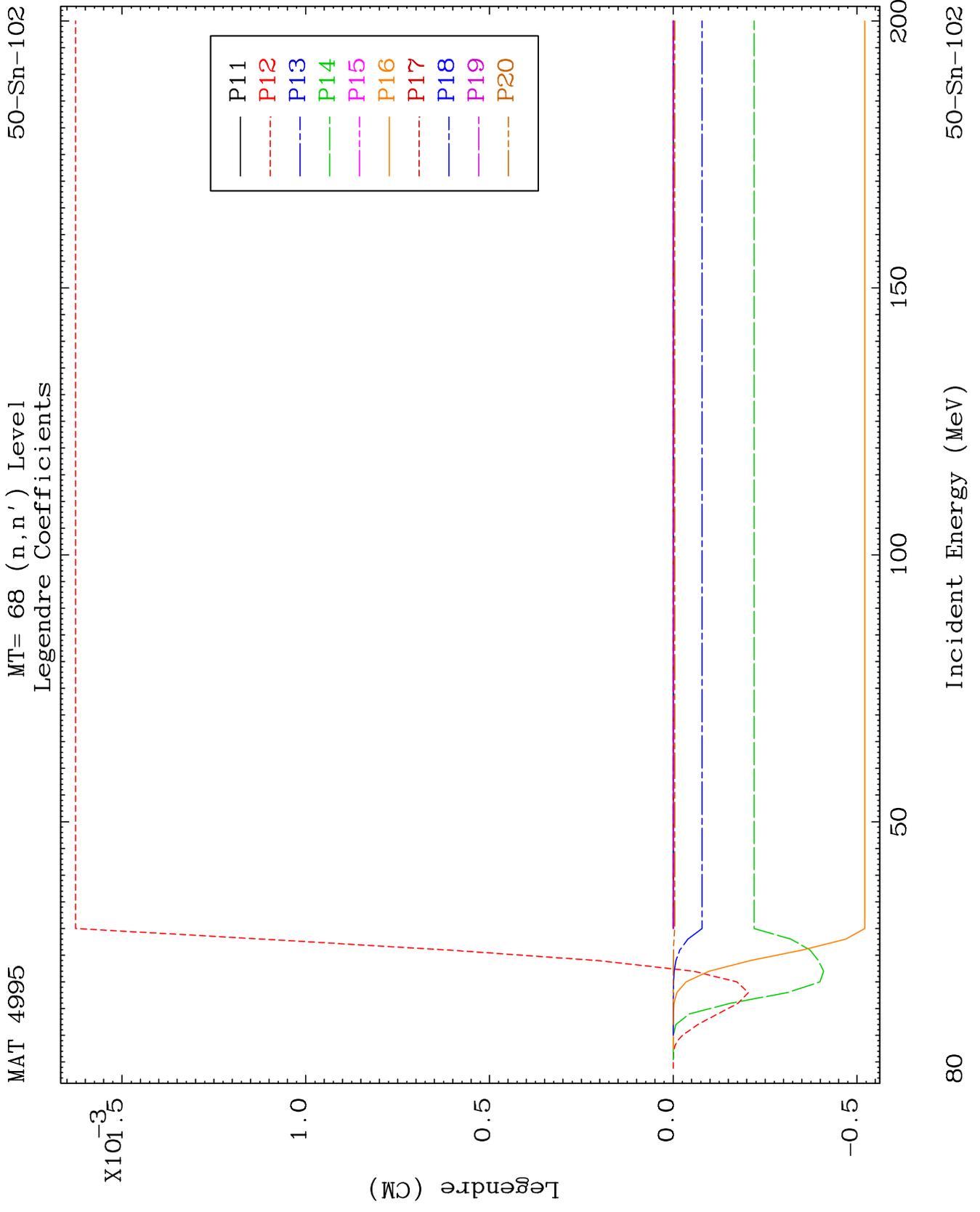


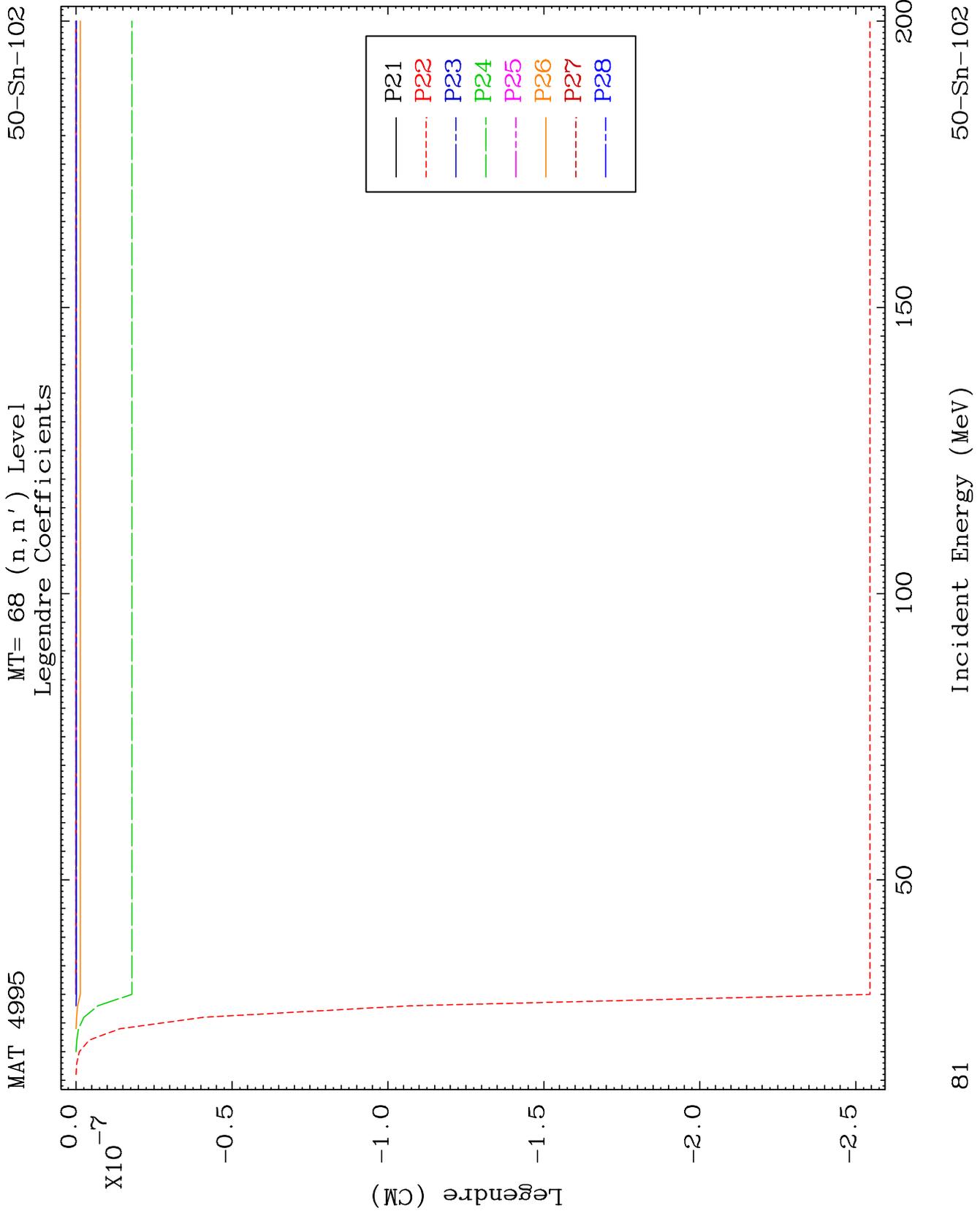










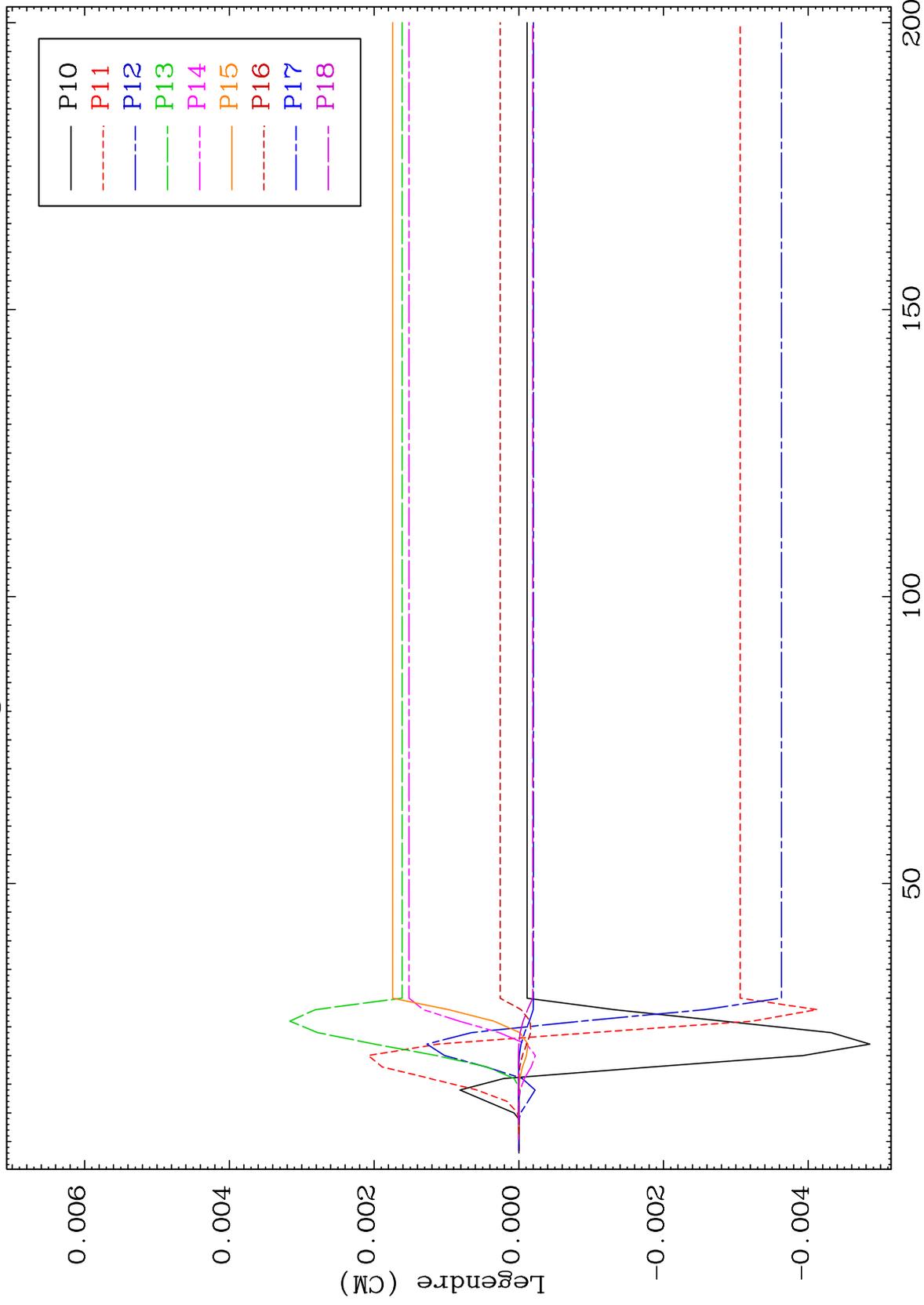


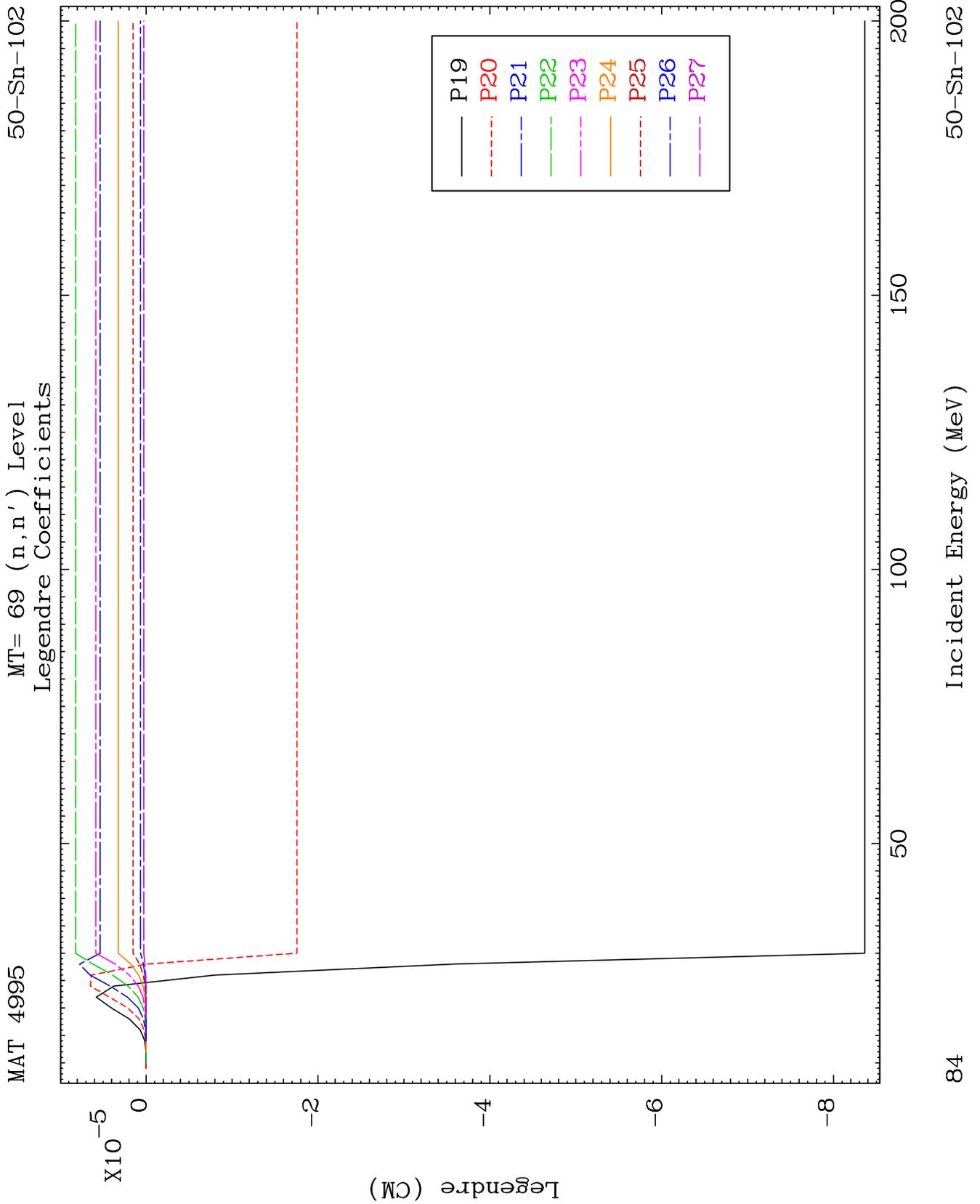


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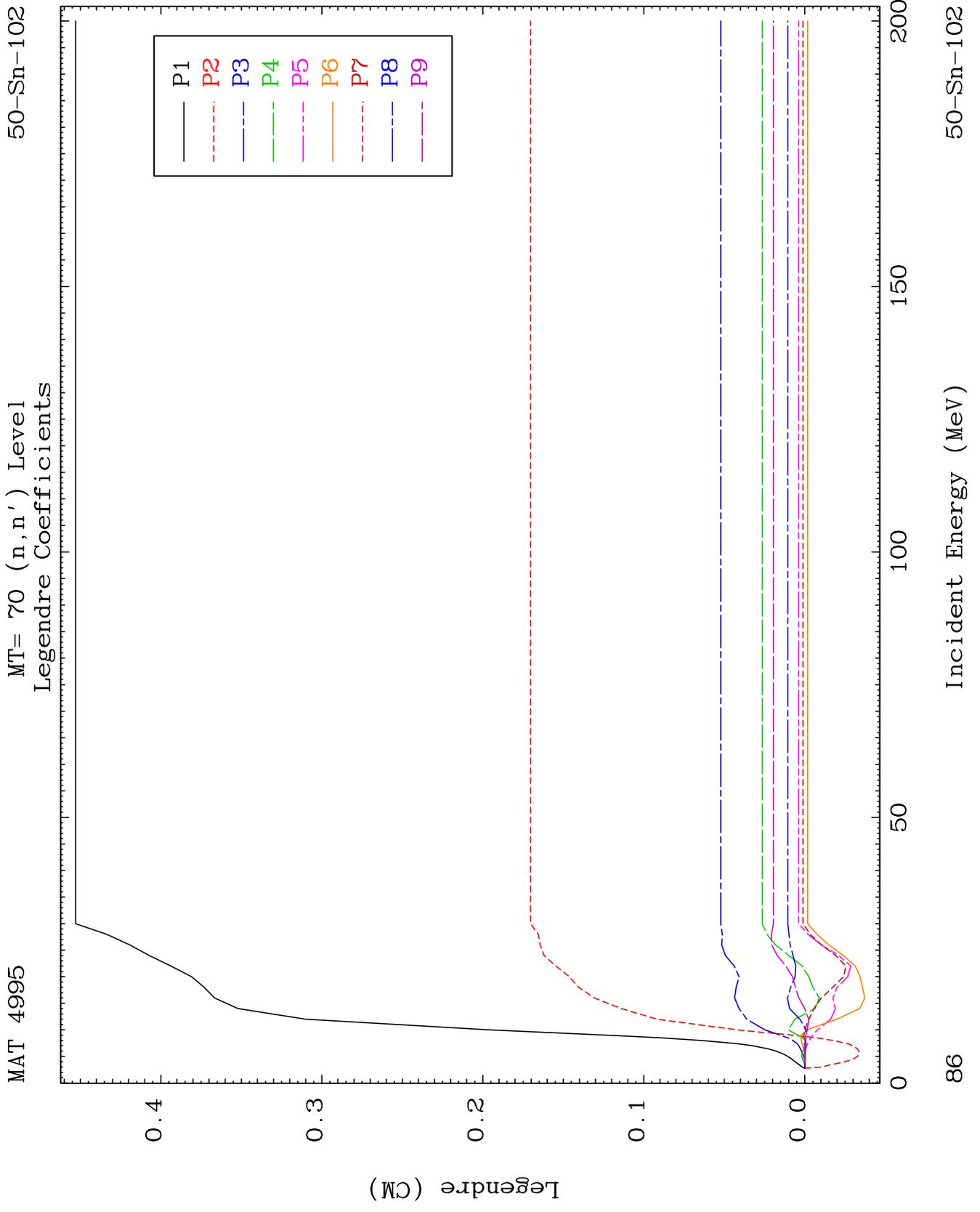
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Legendre Coefficients

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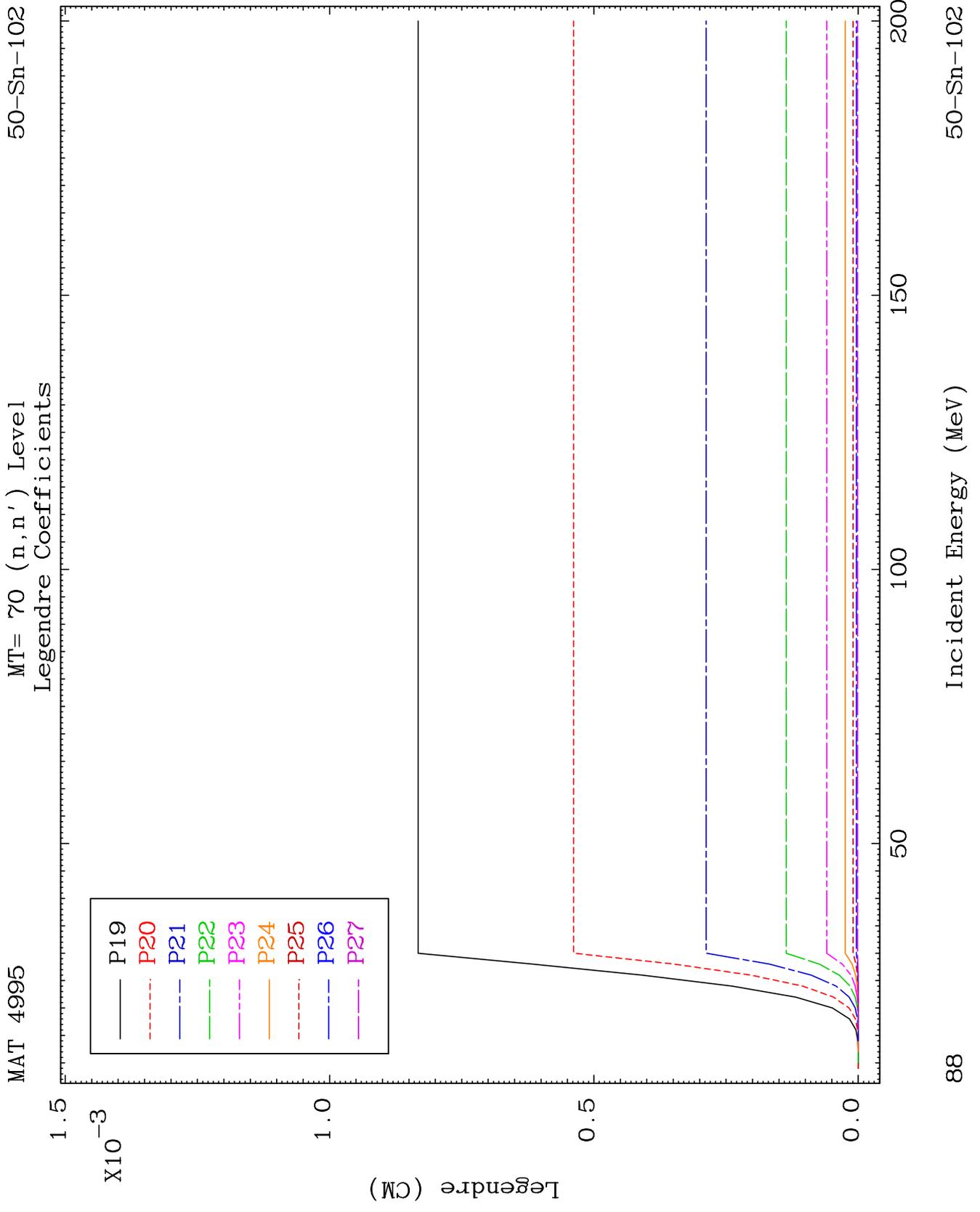








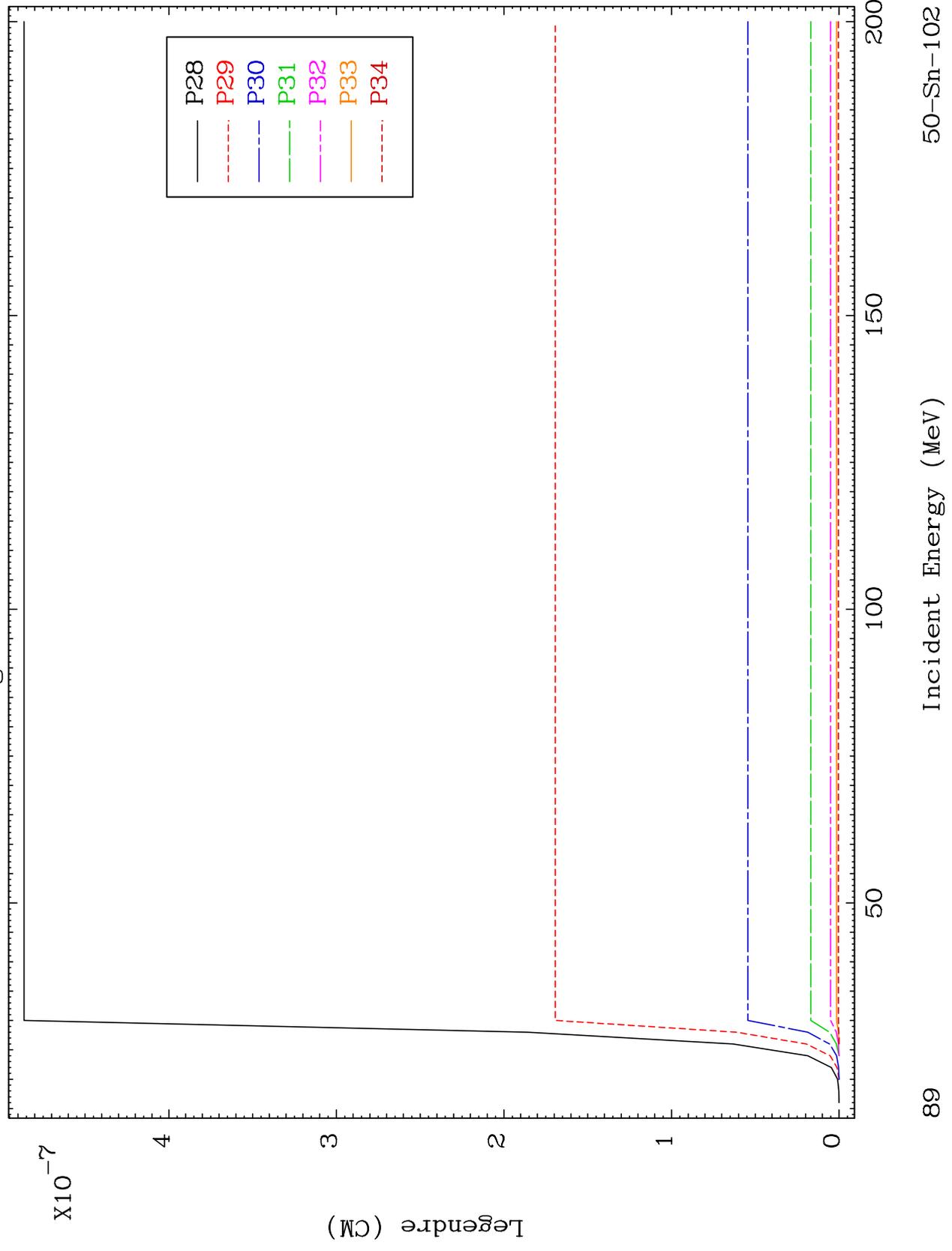




MAT 4995

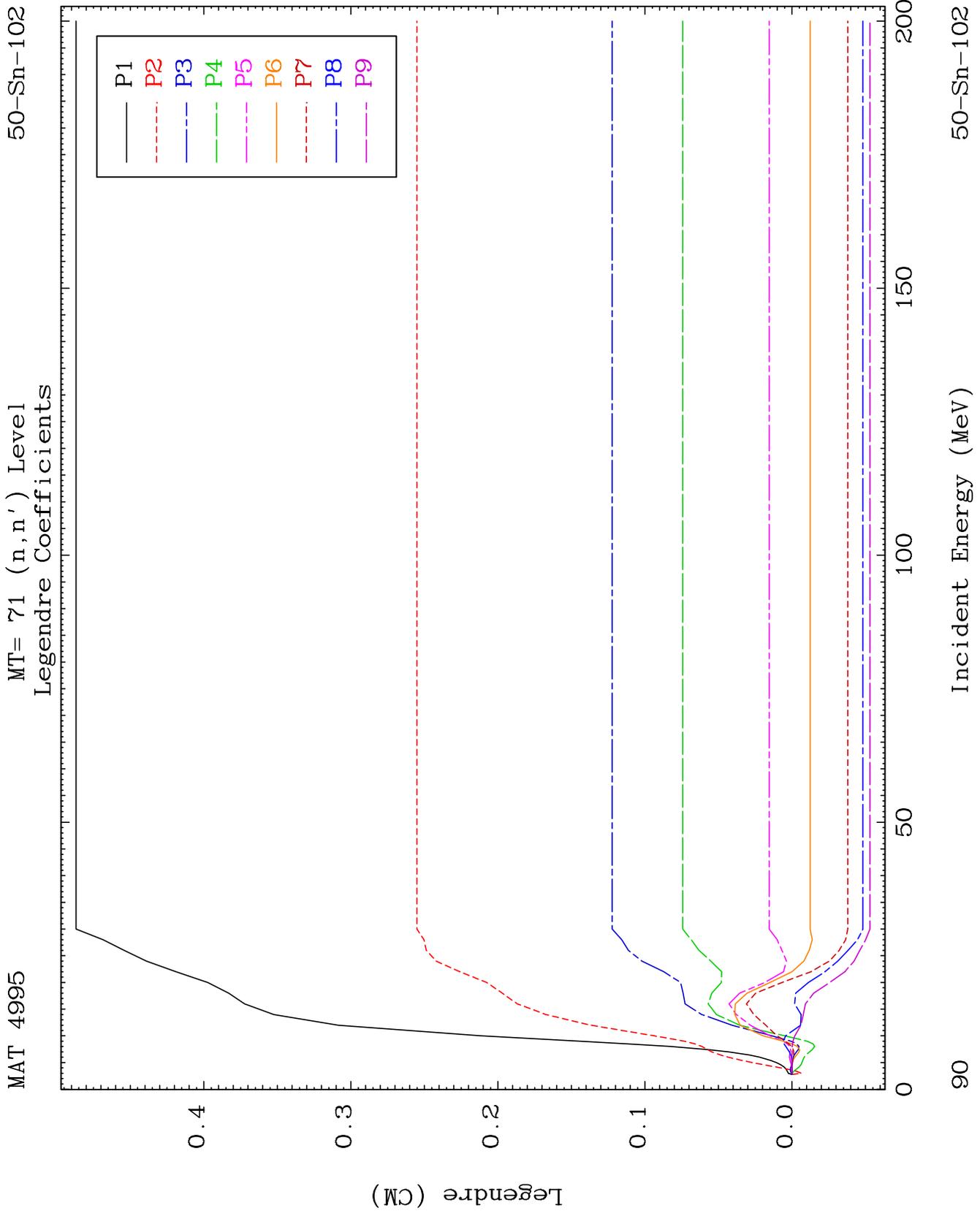
MT= 70 (n,n') Level  
Legendre Coefficients

50-Sn-102



89

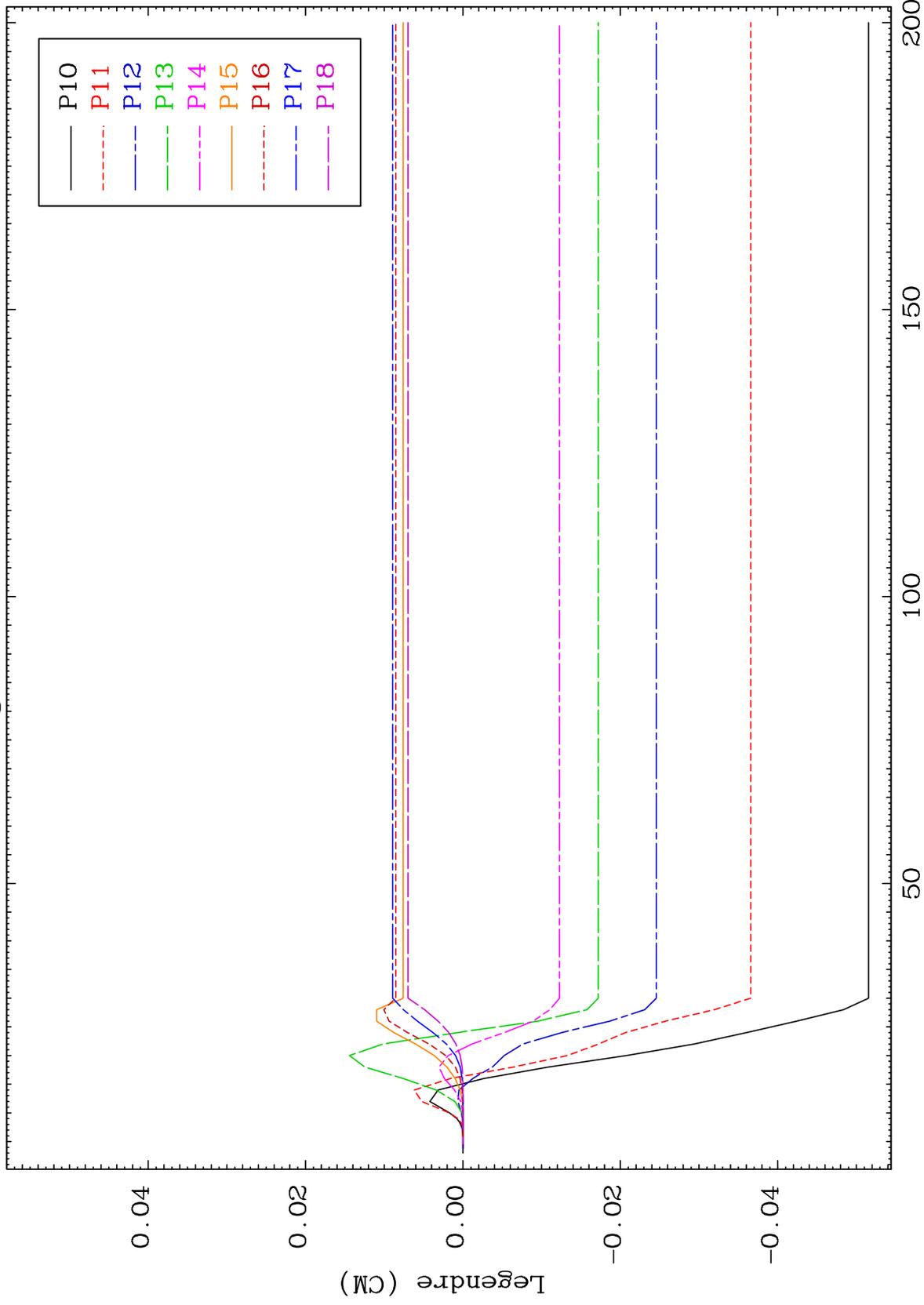
50-Sn-102



MAT 4995

MT= 71 (n,n') Level  
Legendre Coefficients

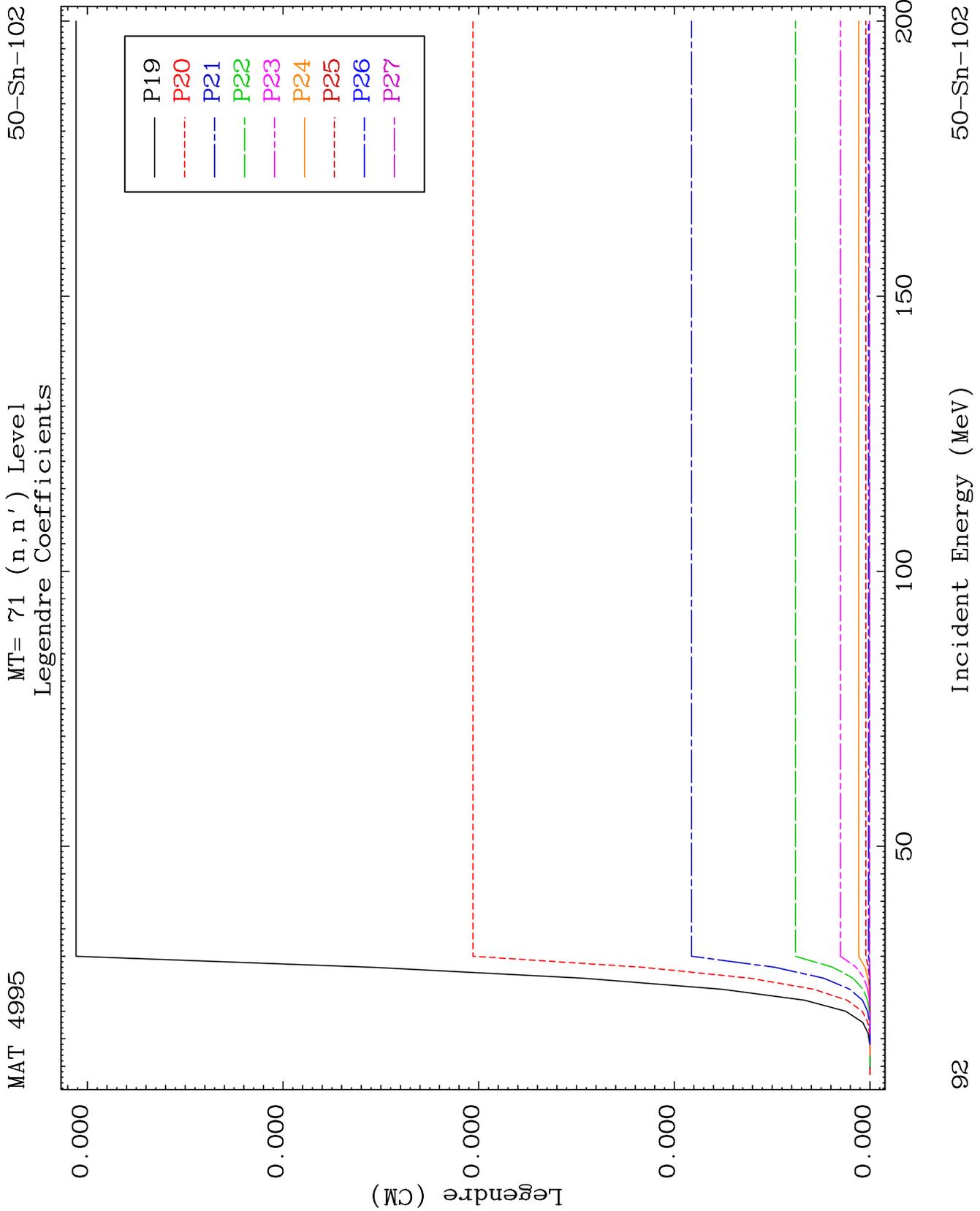
50-Sn-102



91

Incident Energy (MeV)

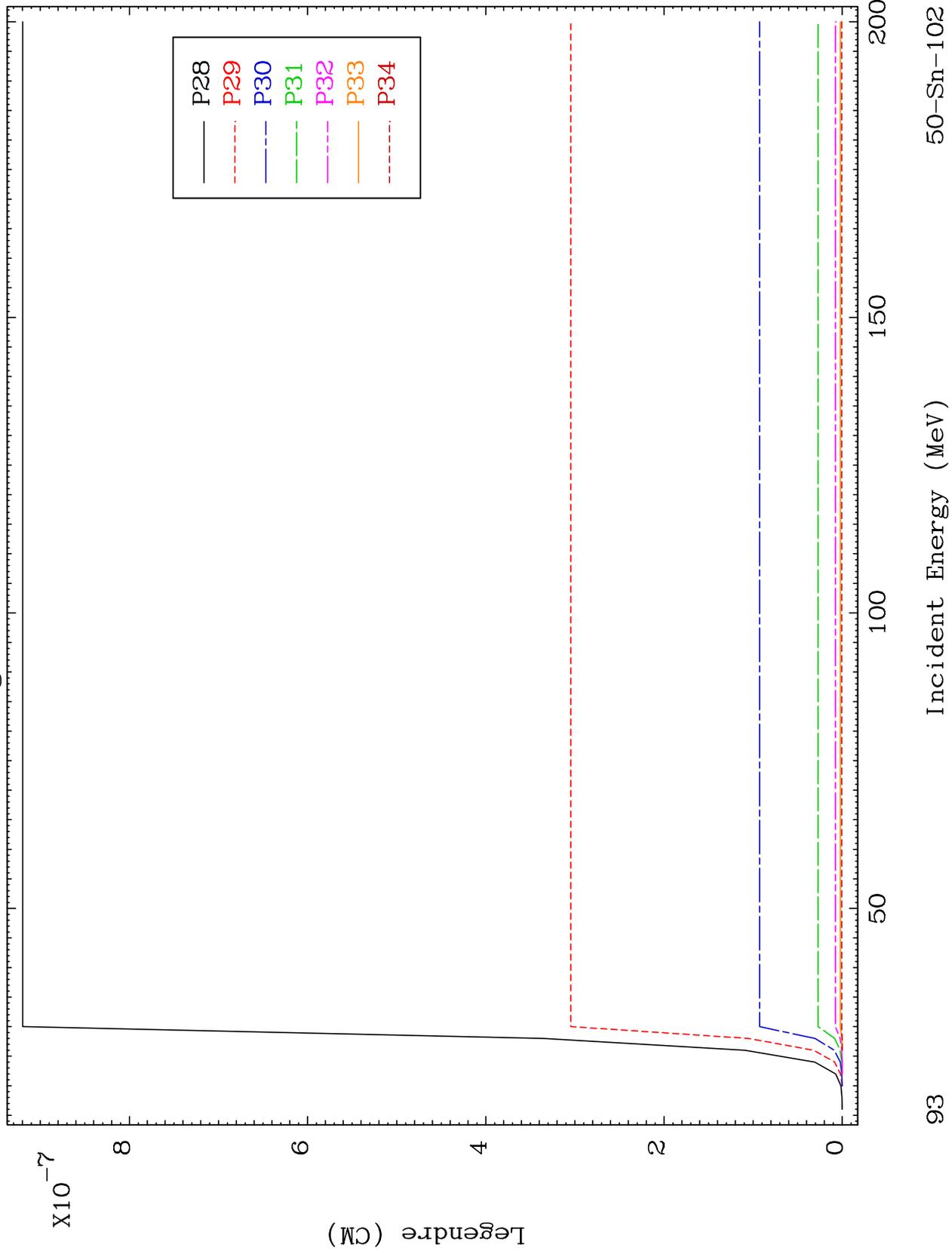
50-Sn-102

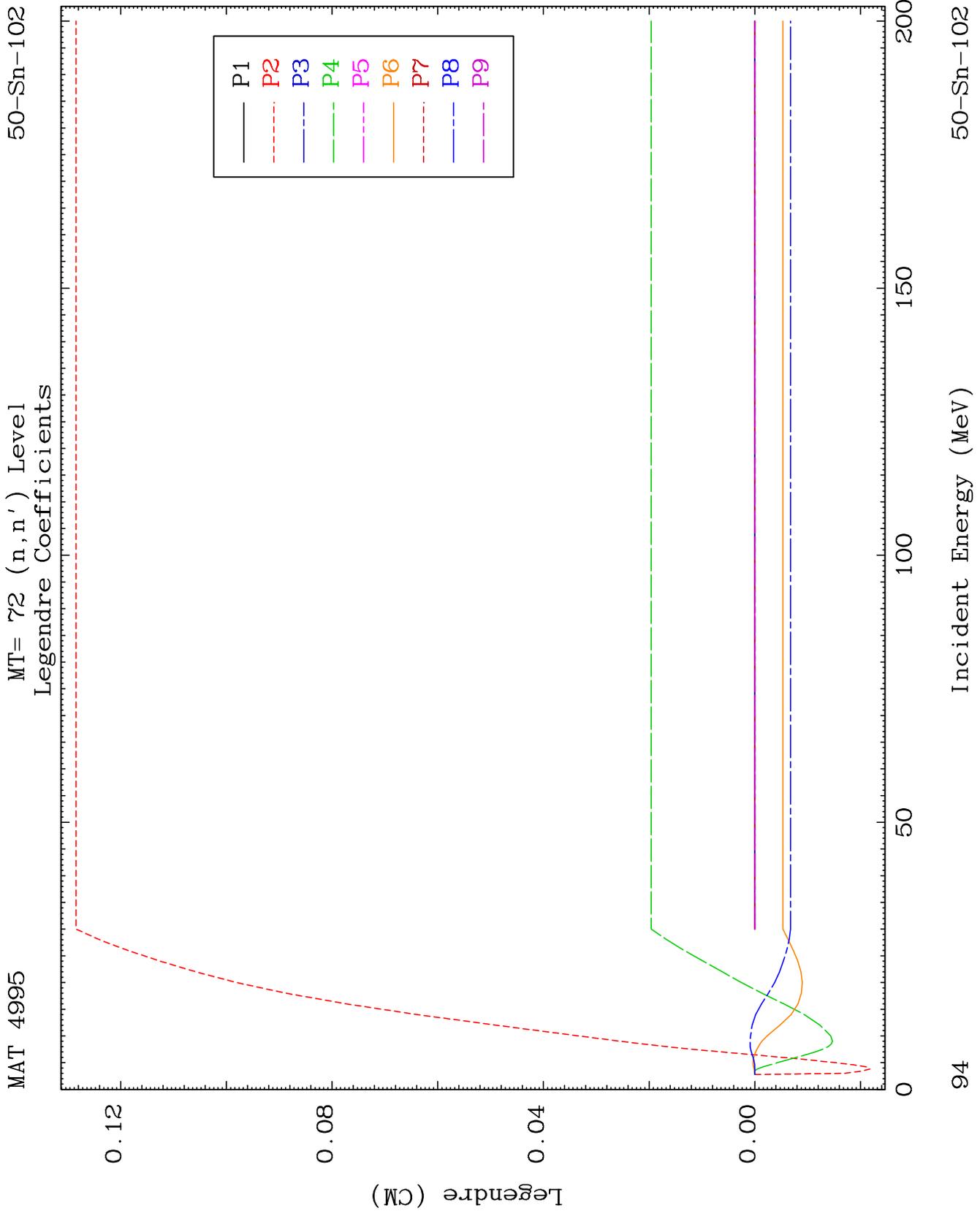


MAT 4995

MT= 71 (n,n') Level  
Legendre Coefficients

50-Sn-102

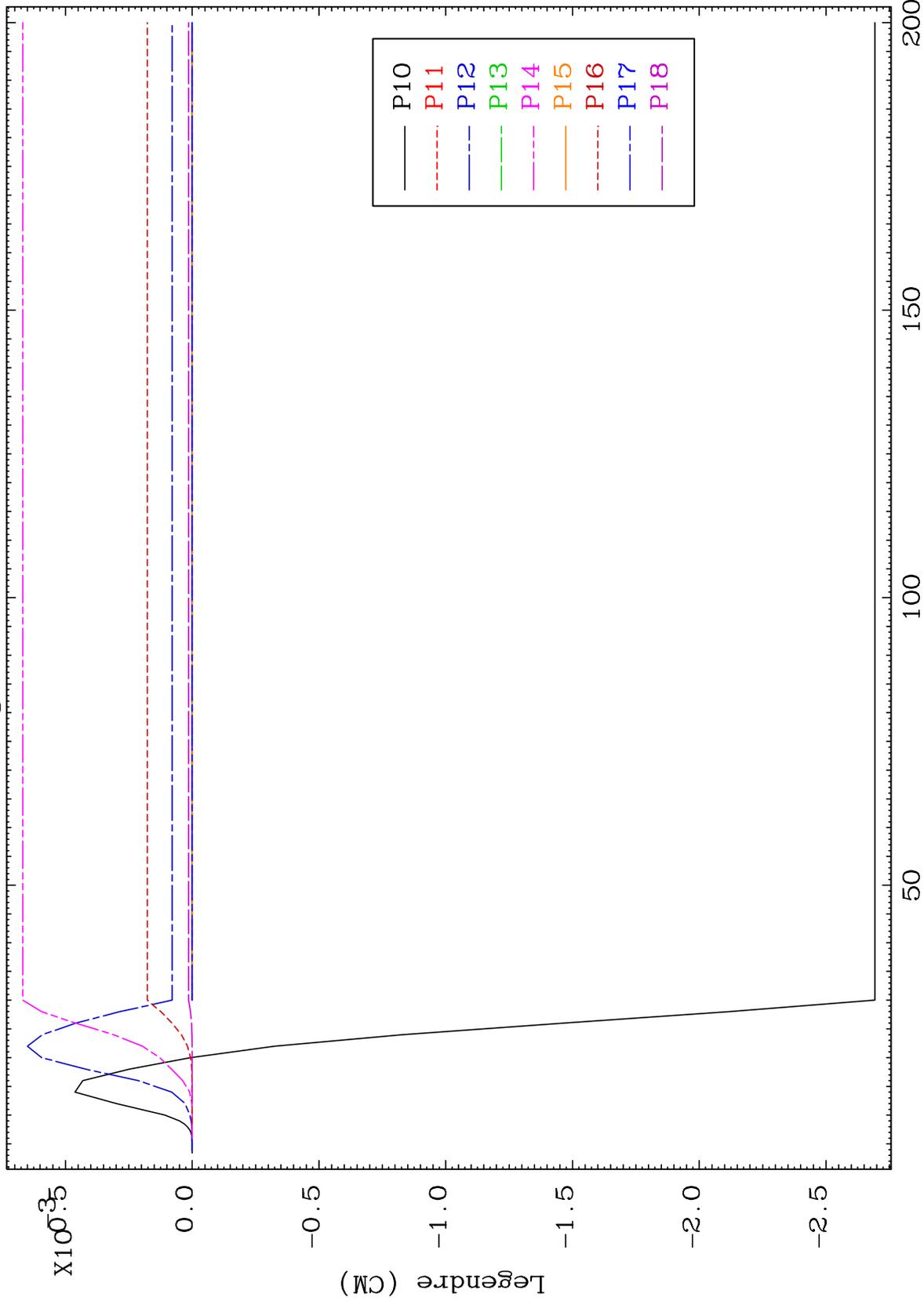




MAT 4995

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-102

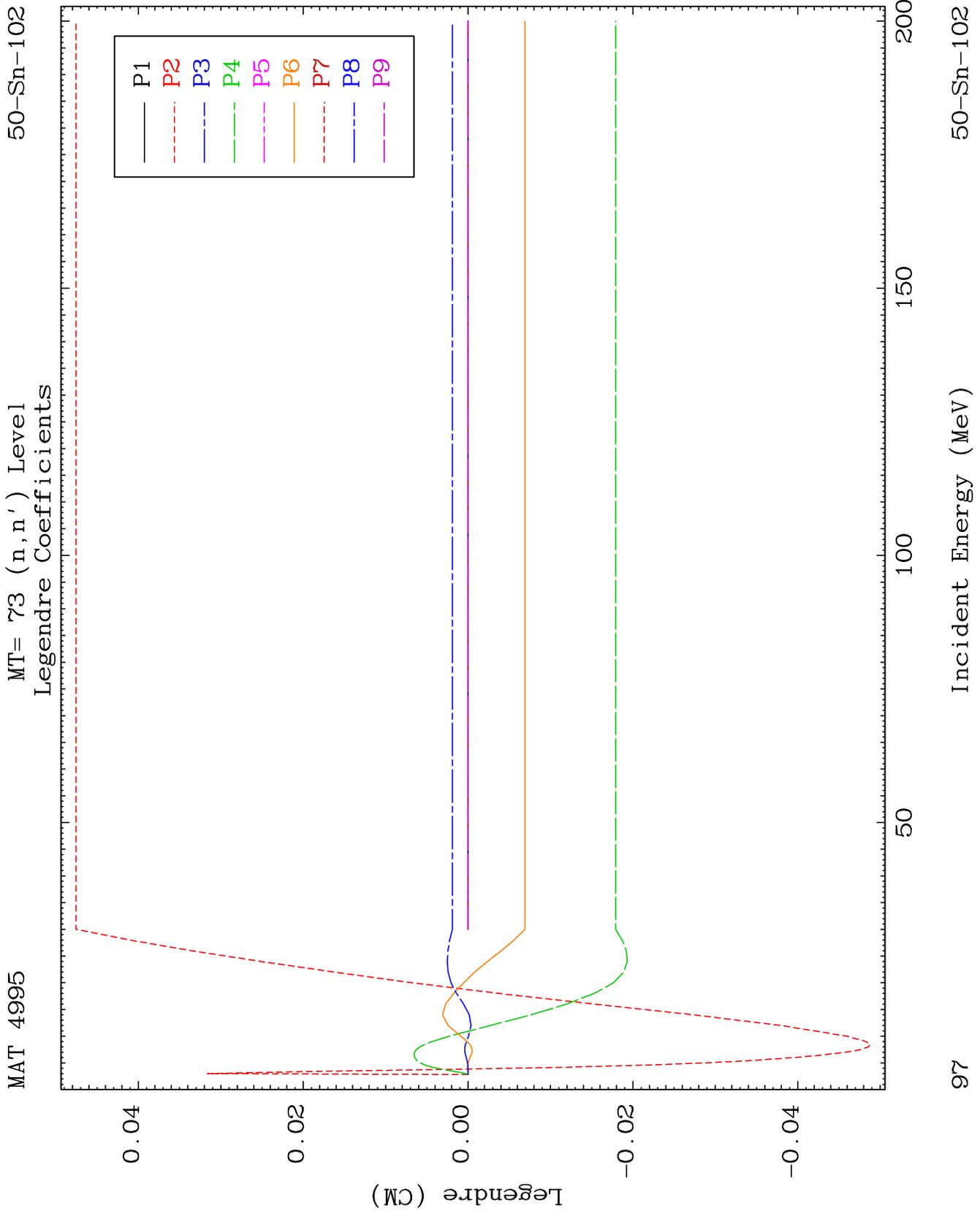


95

Incident Energy (MeV)

50-Sn-102

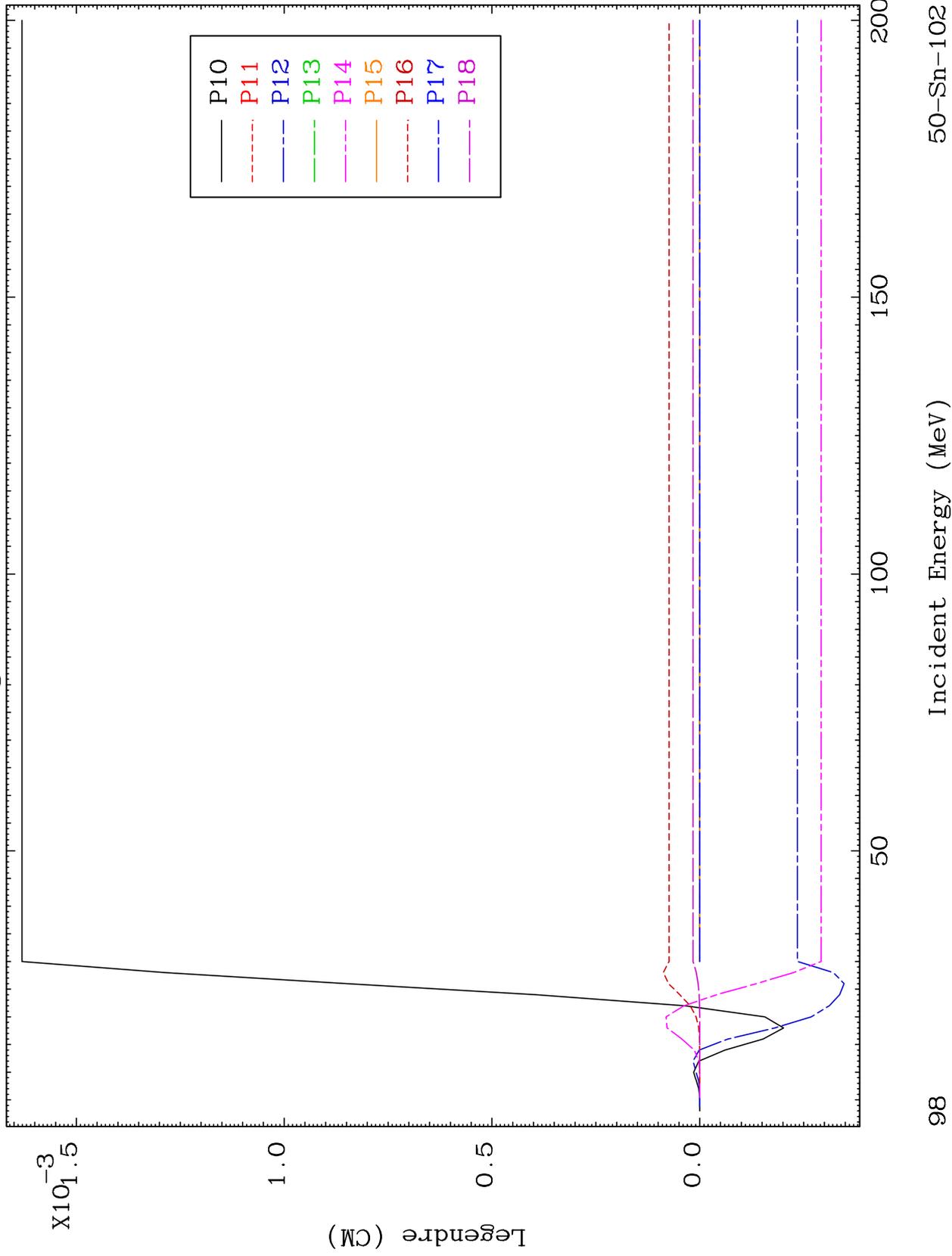




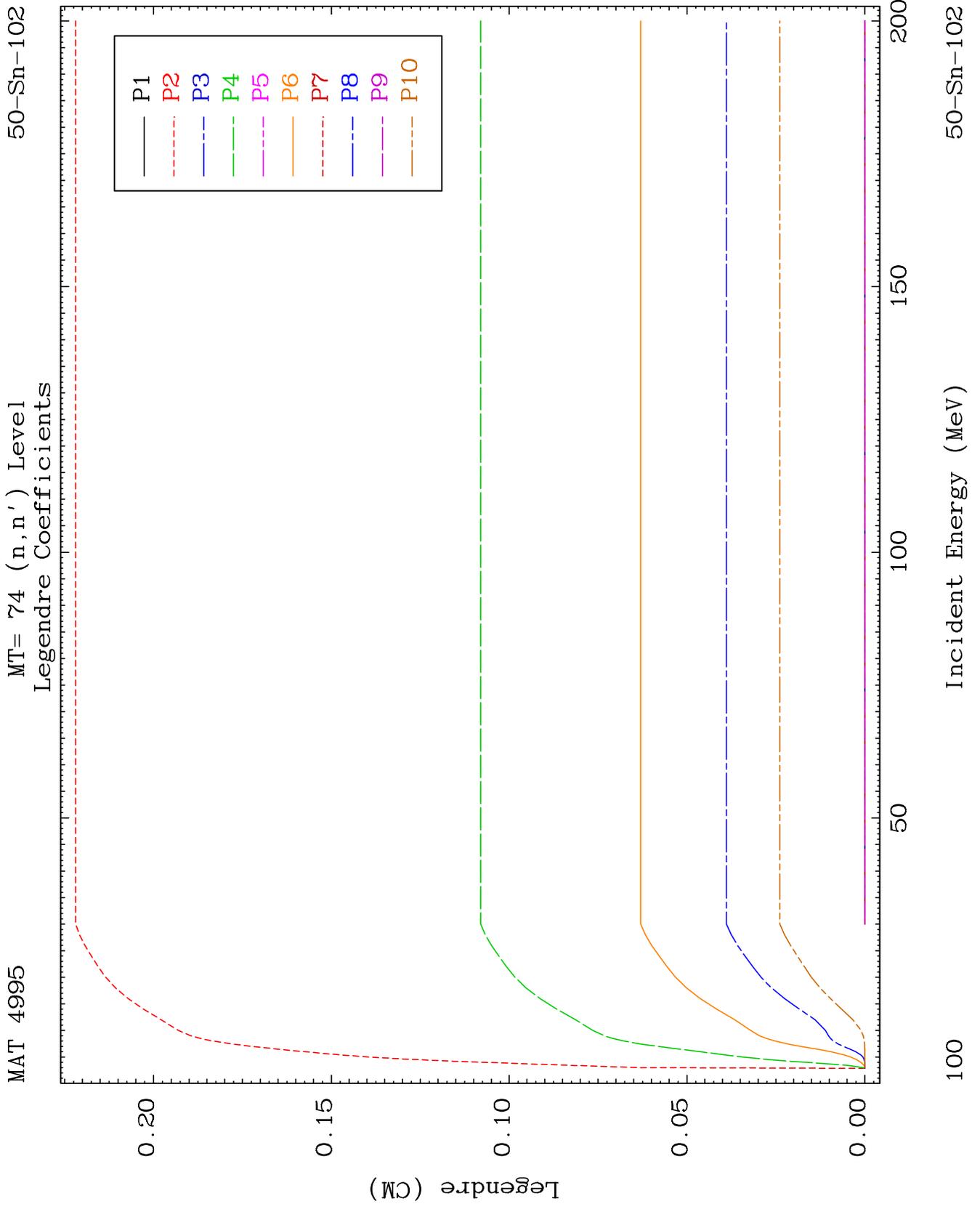
MAT 4995

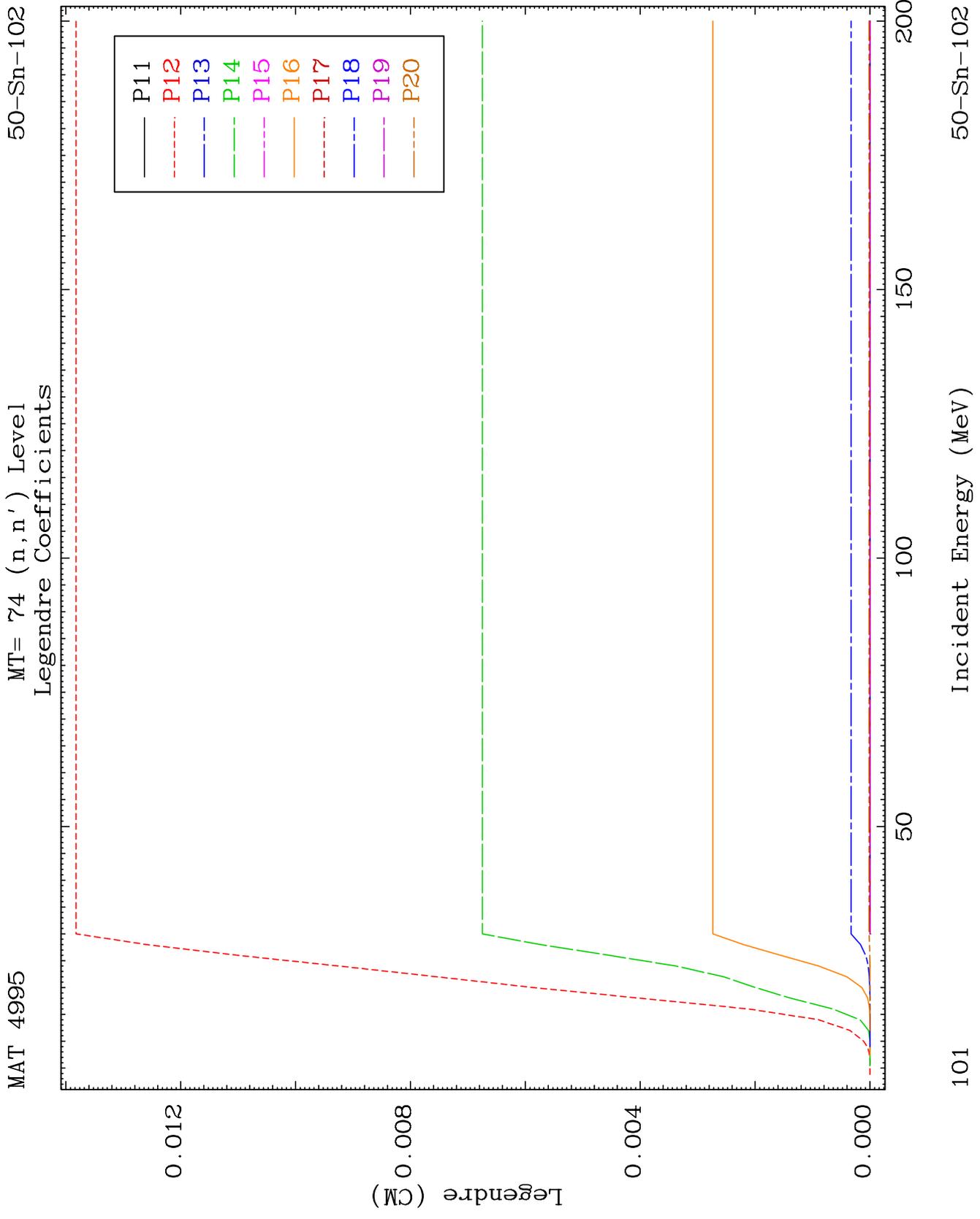
MT= 73 (n,n') Level  
Legendre Coefficients

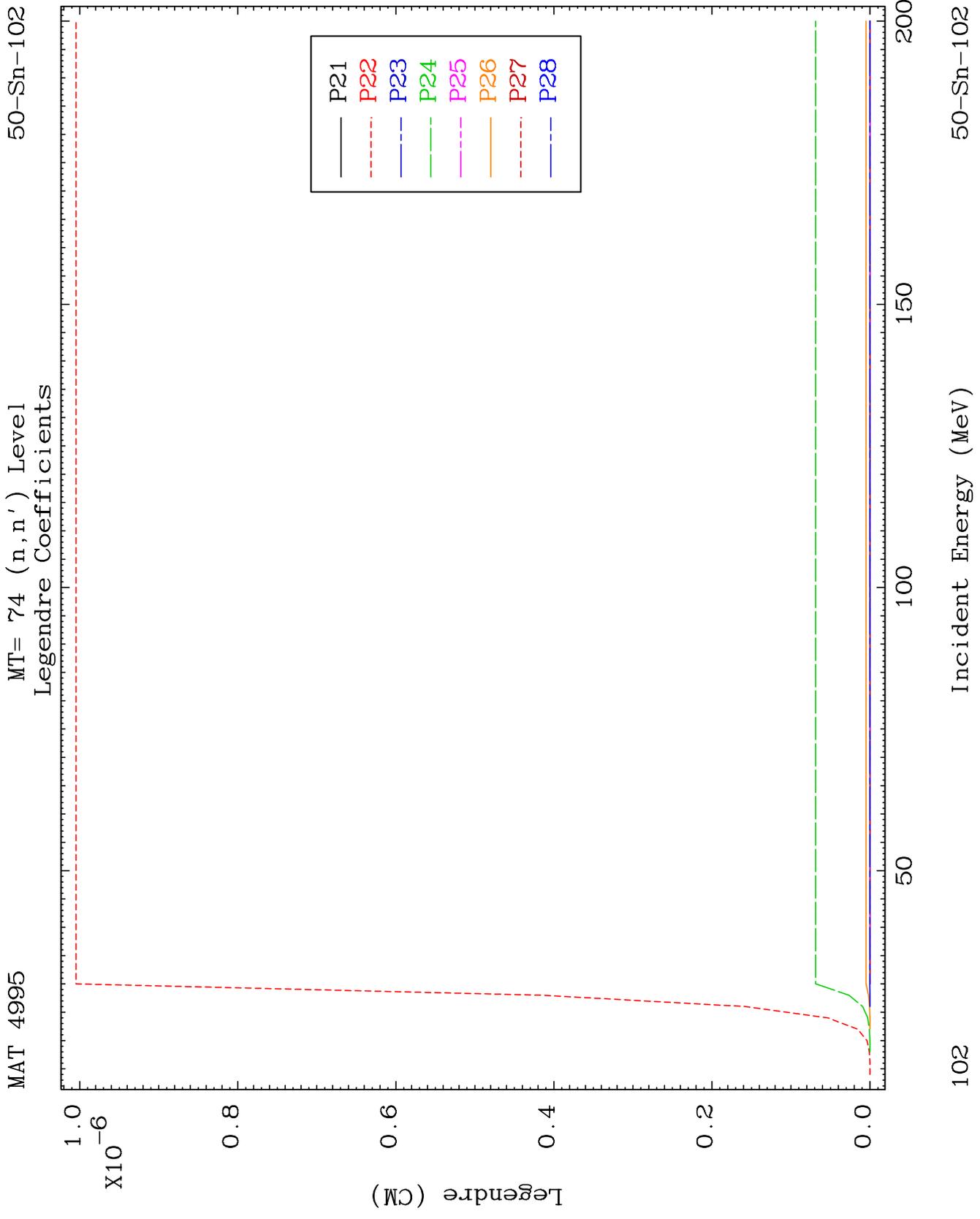
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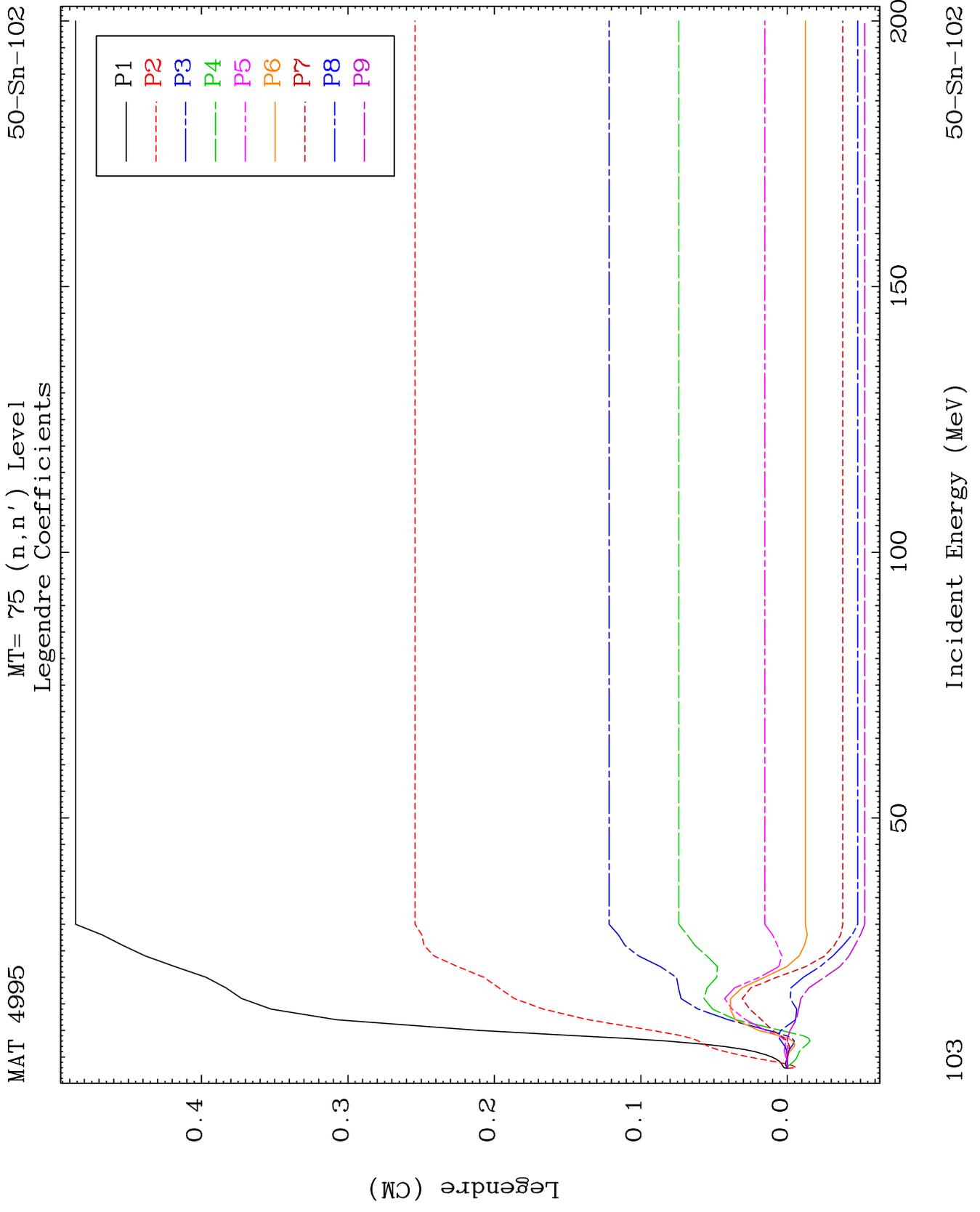


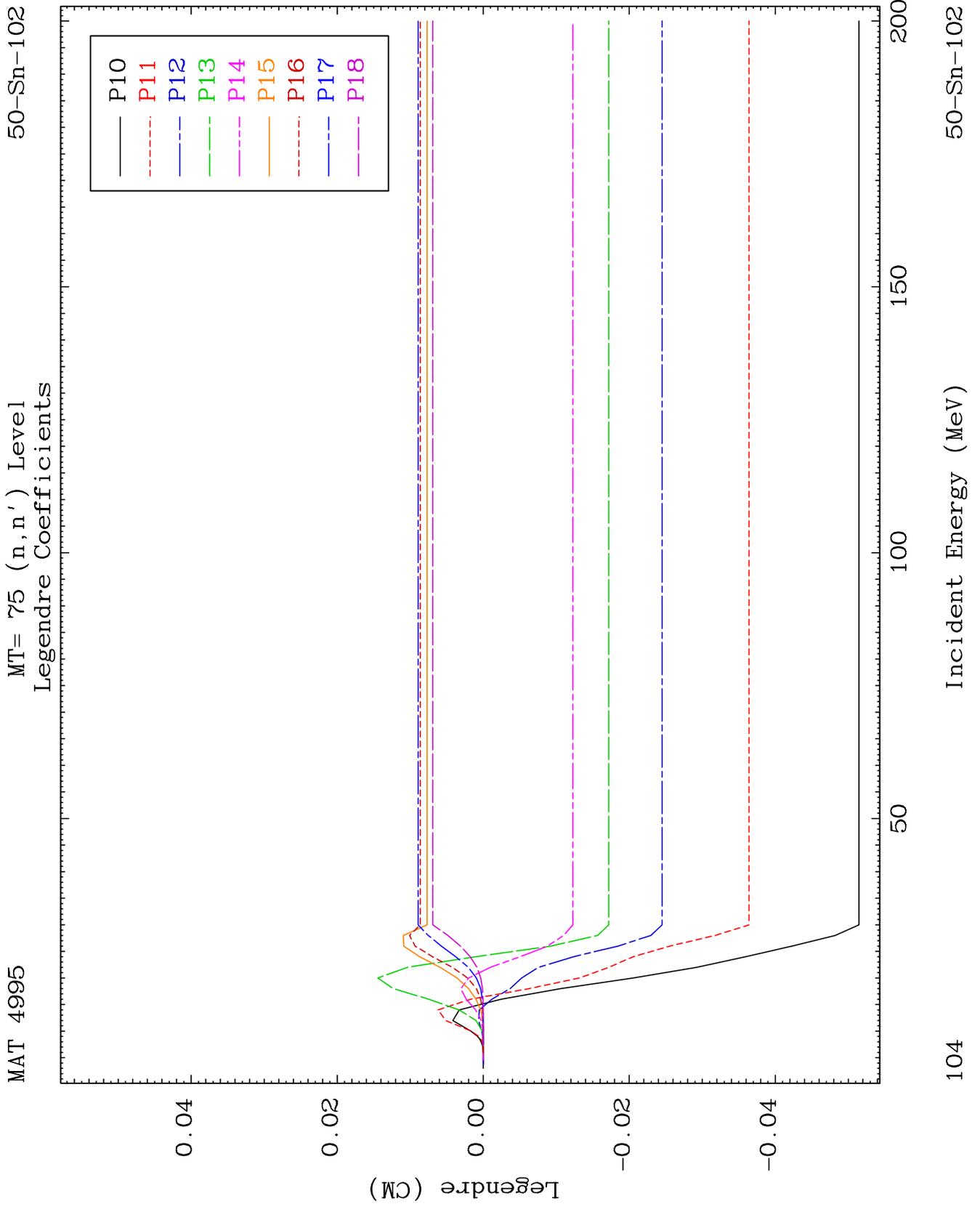






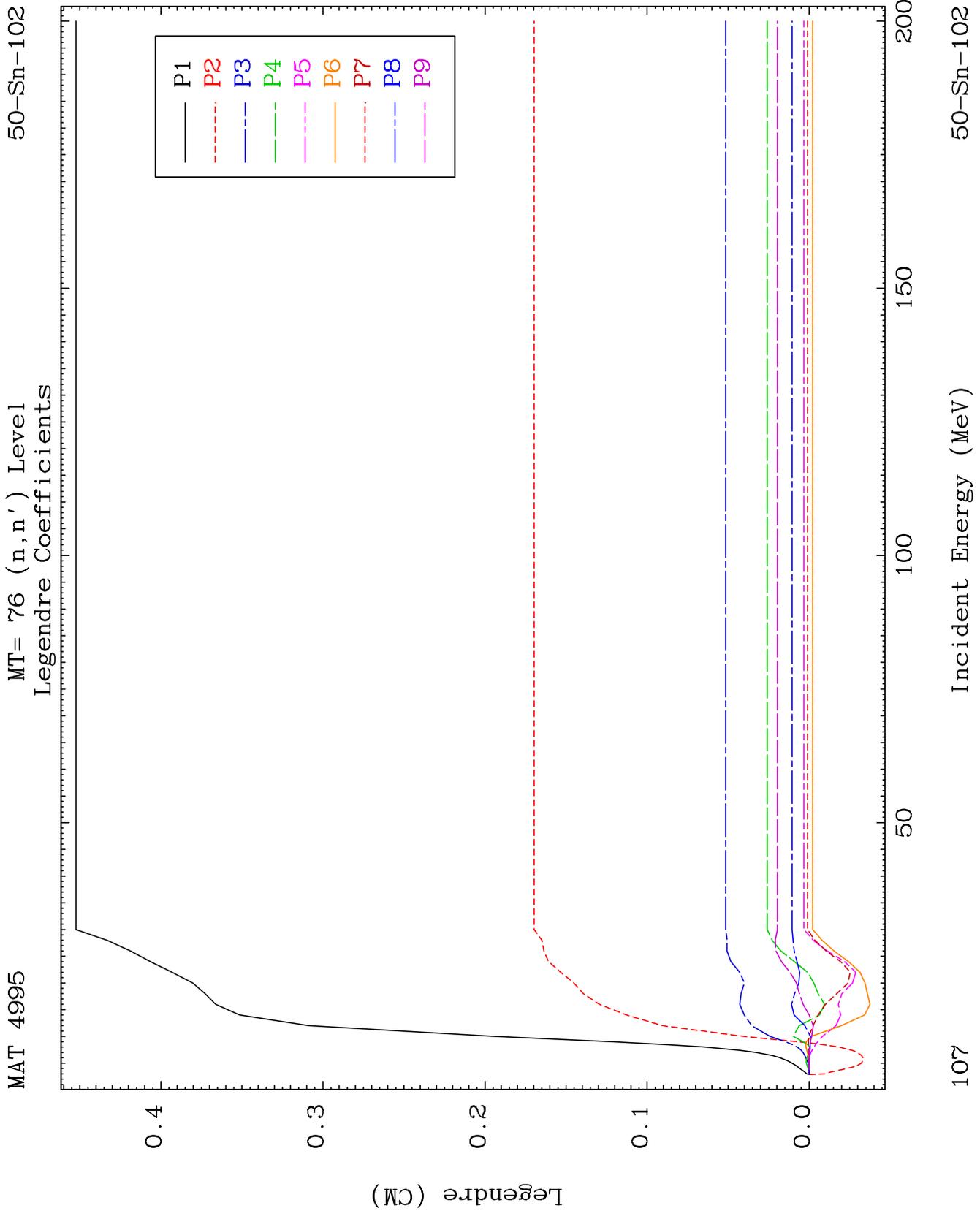


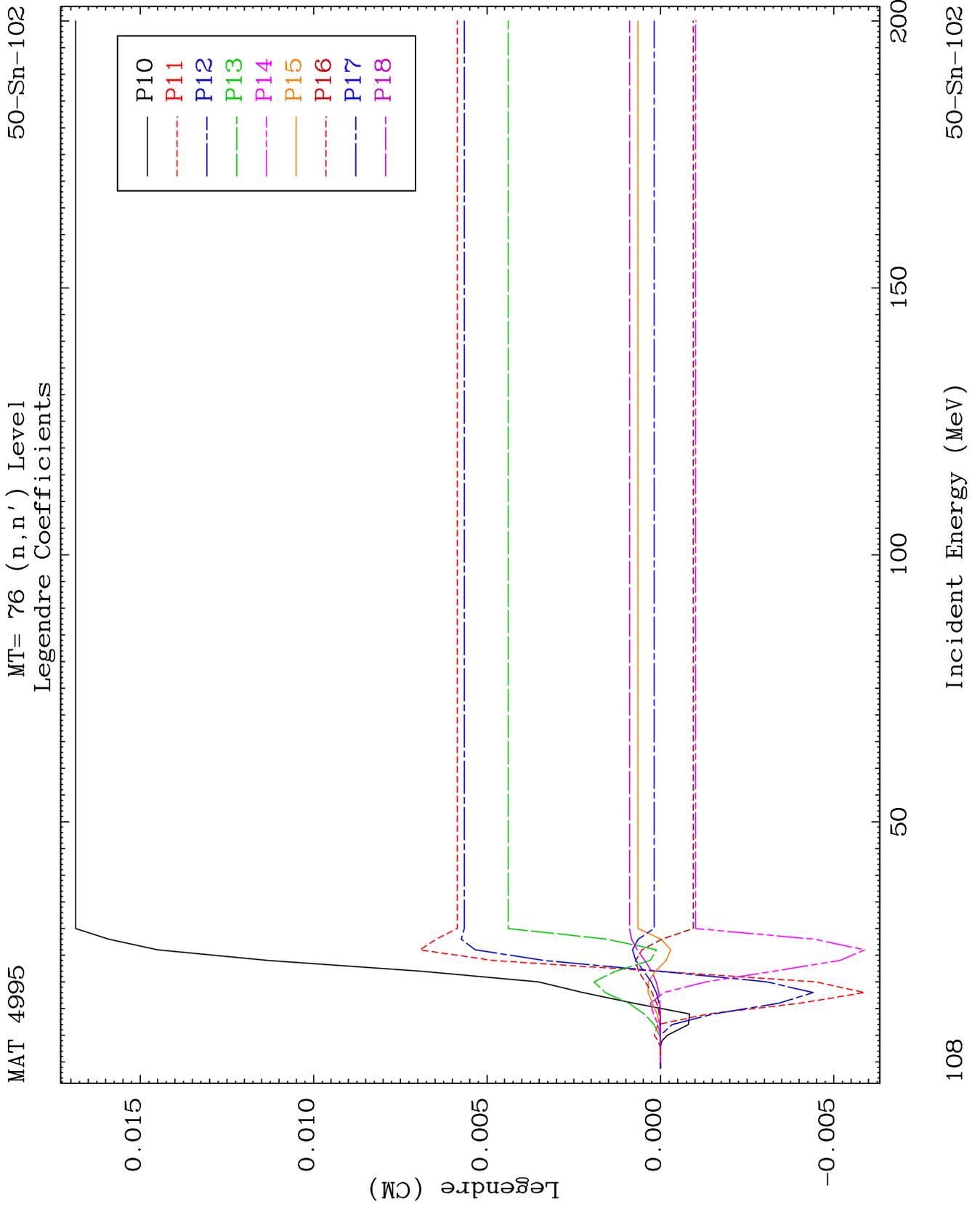








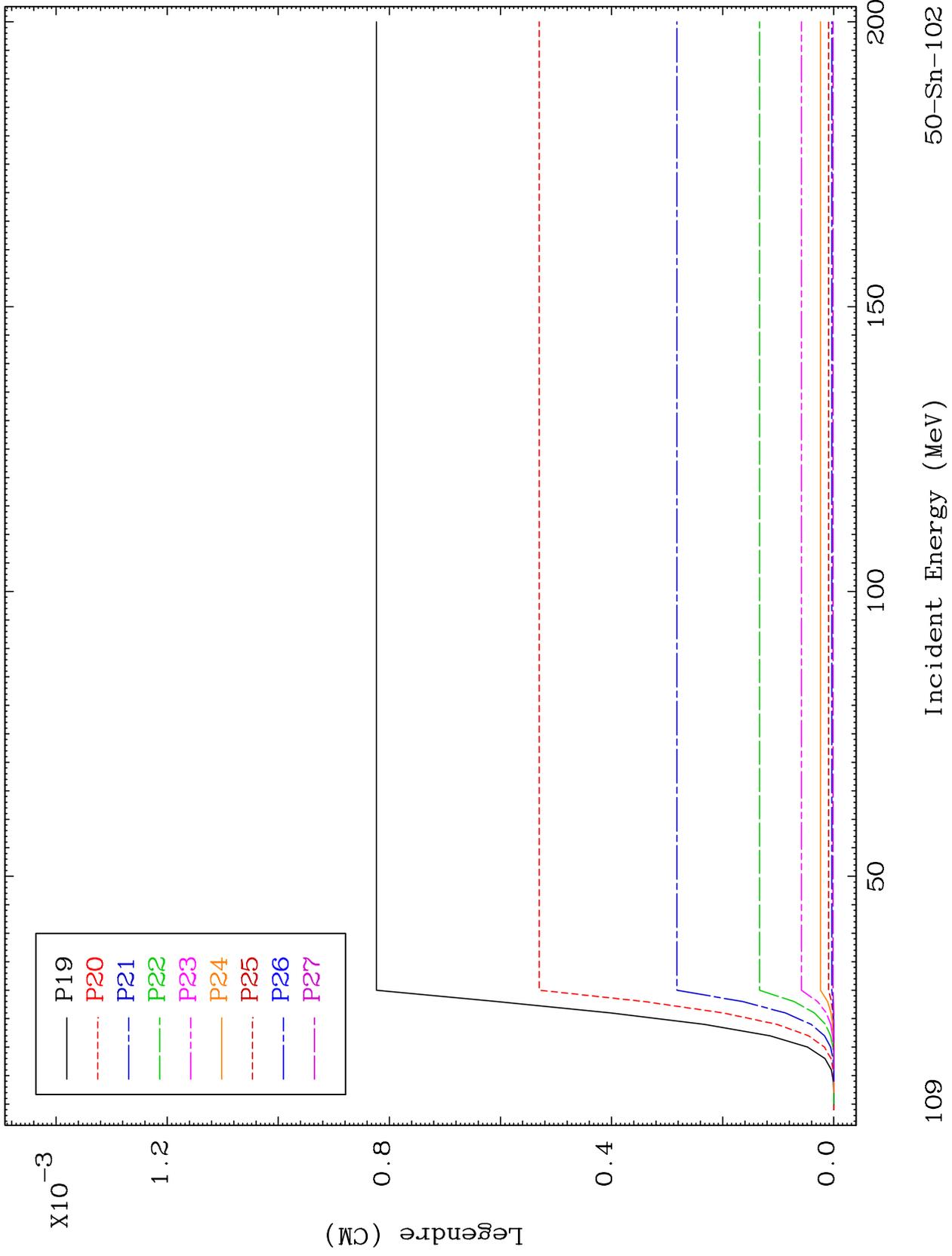




MAT 4995

MT= 76 (n,n') Level  
Legendre Coefficients

50-Sn-102

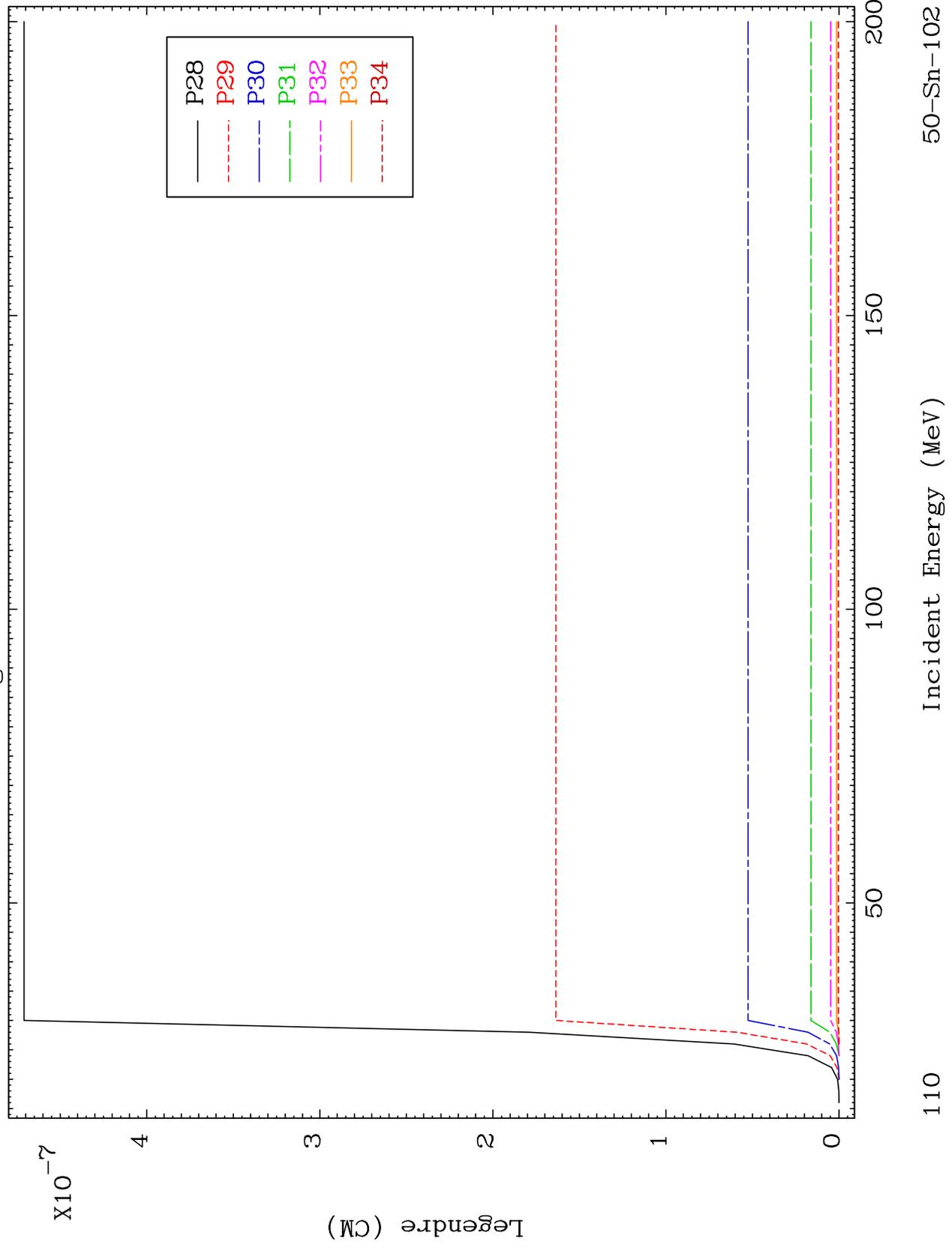


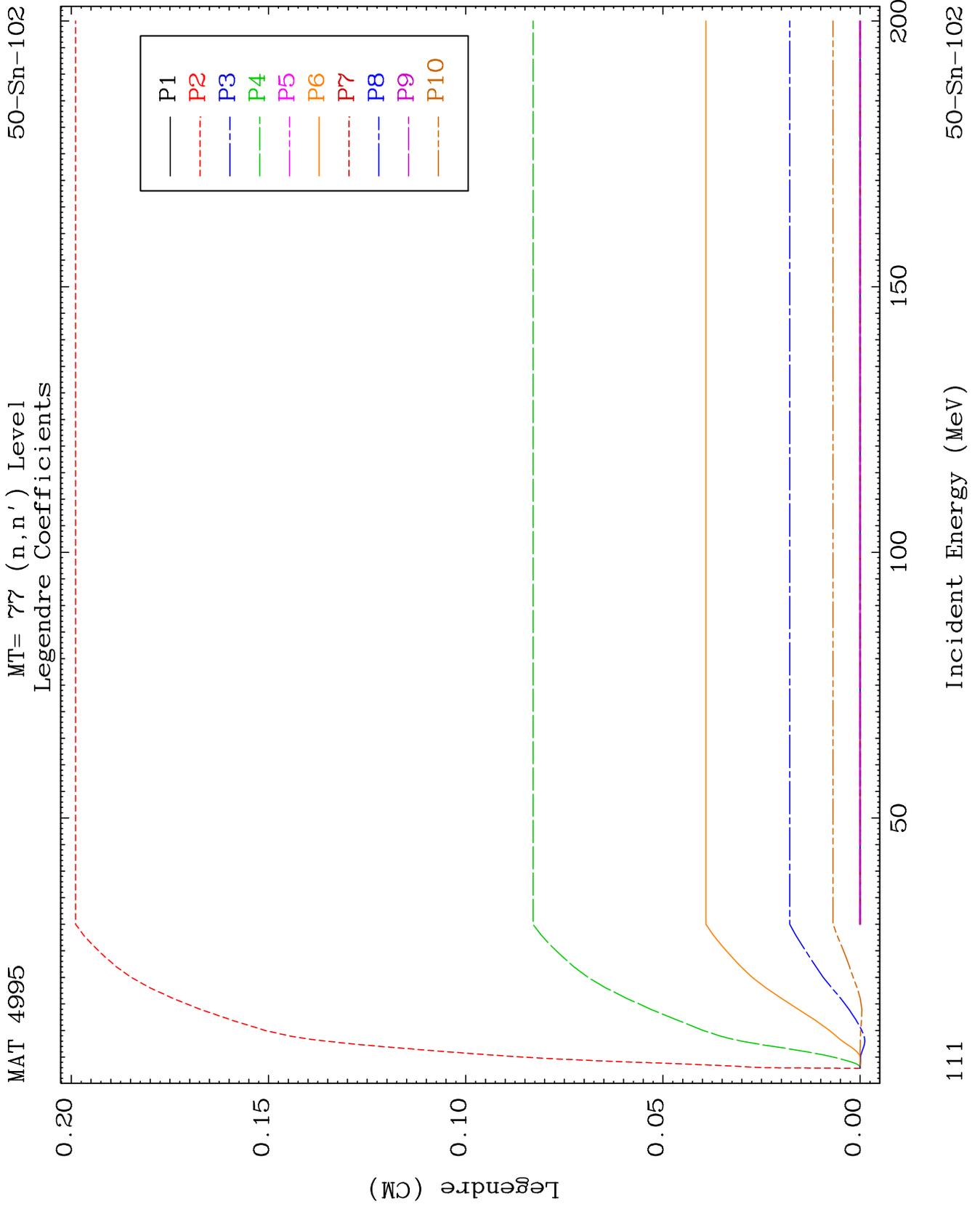
109

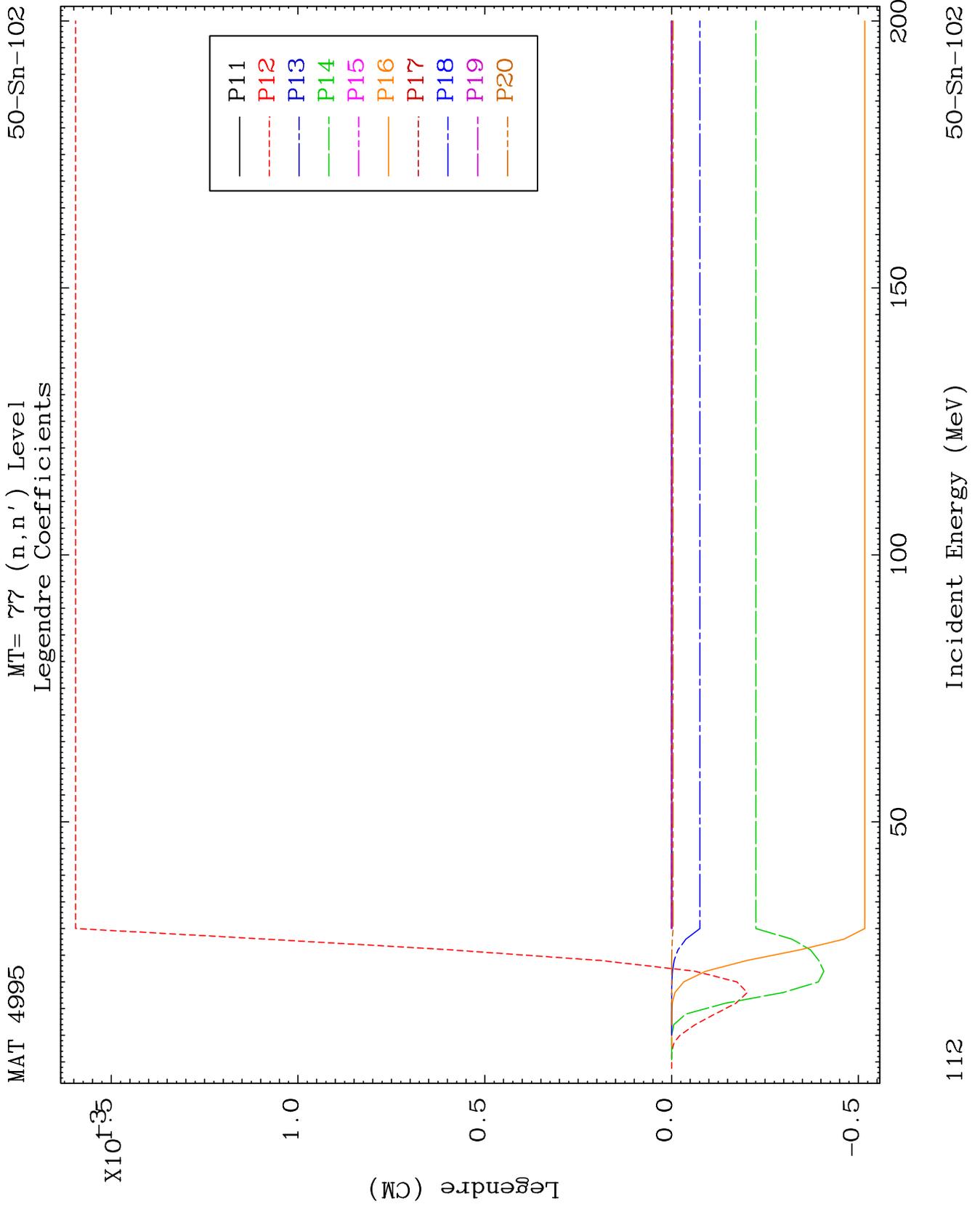
MAT 4995

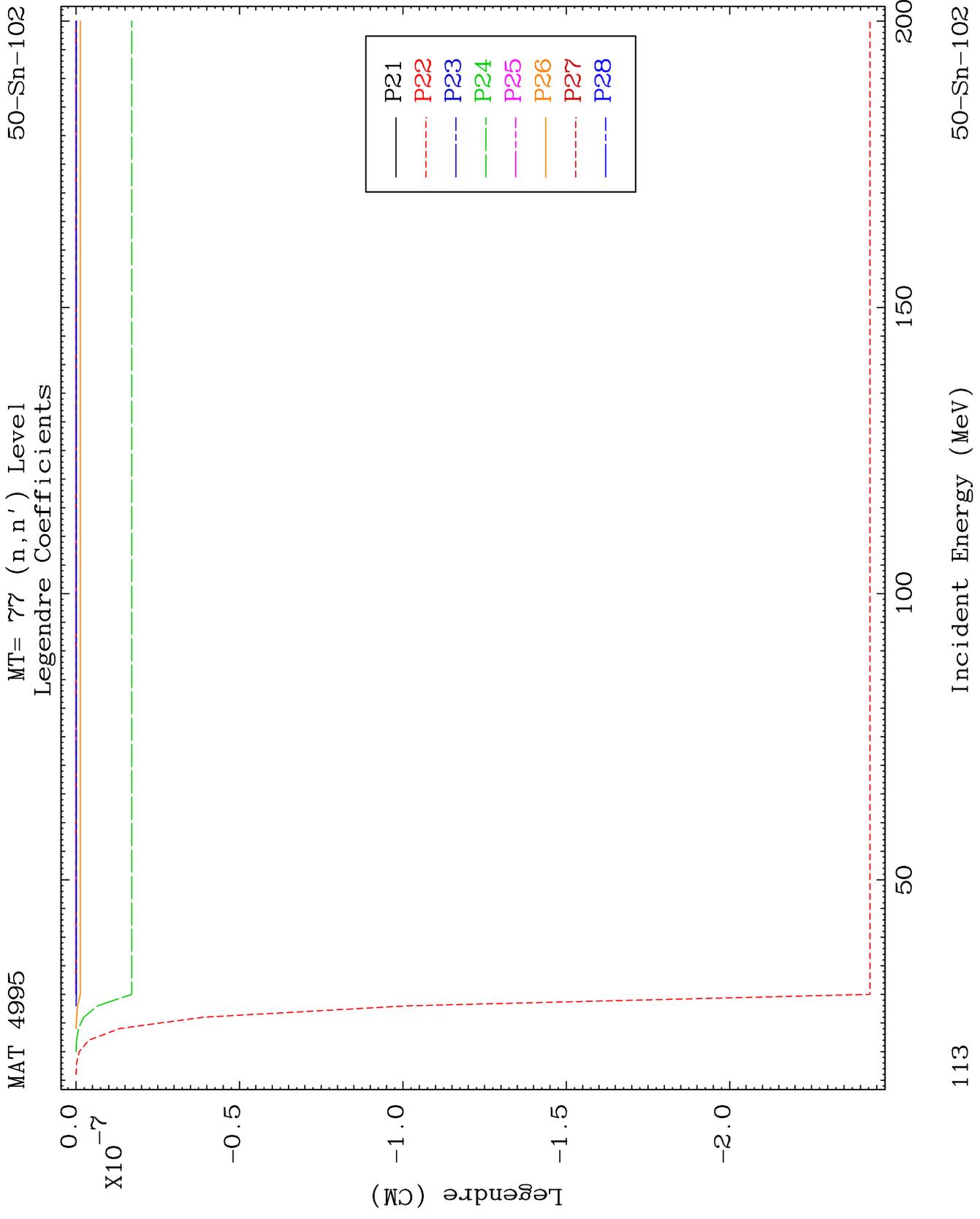
MT= 76 (n,n') Level  
Legendre Coefficients

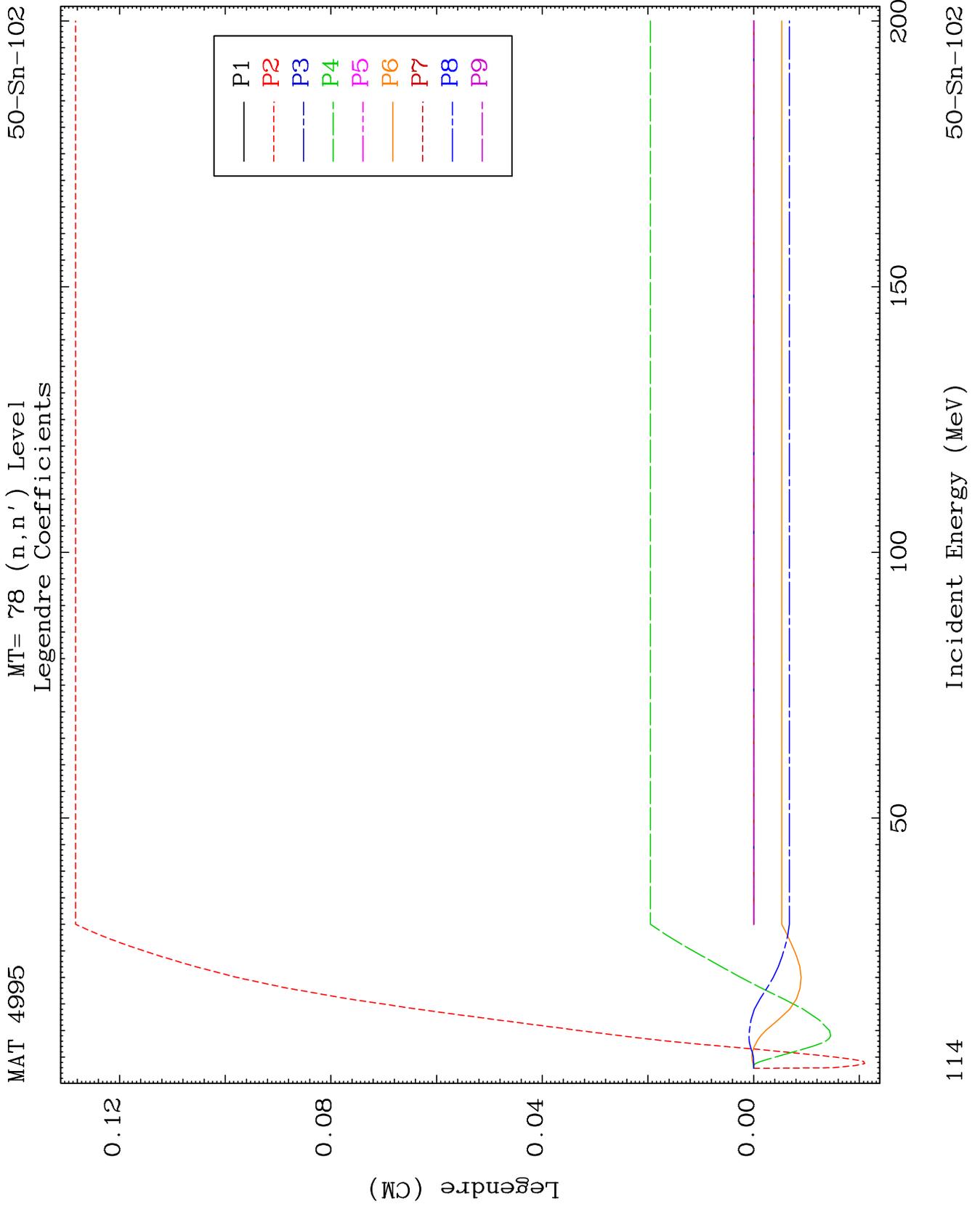
50-Sn-102







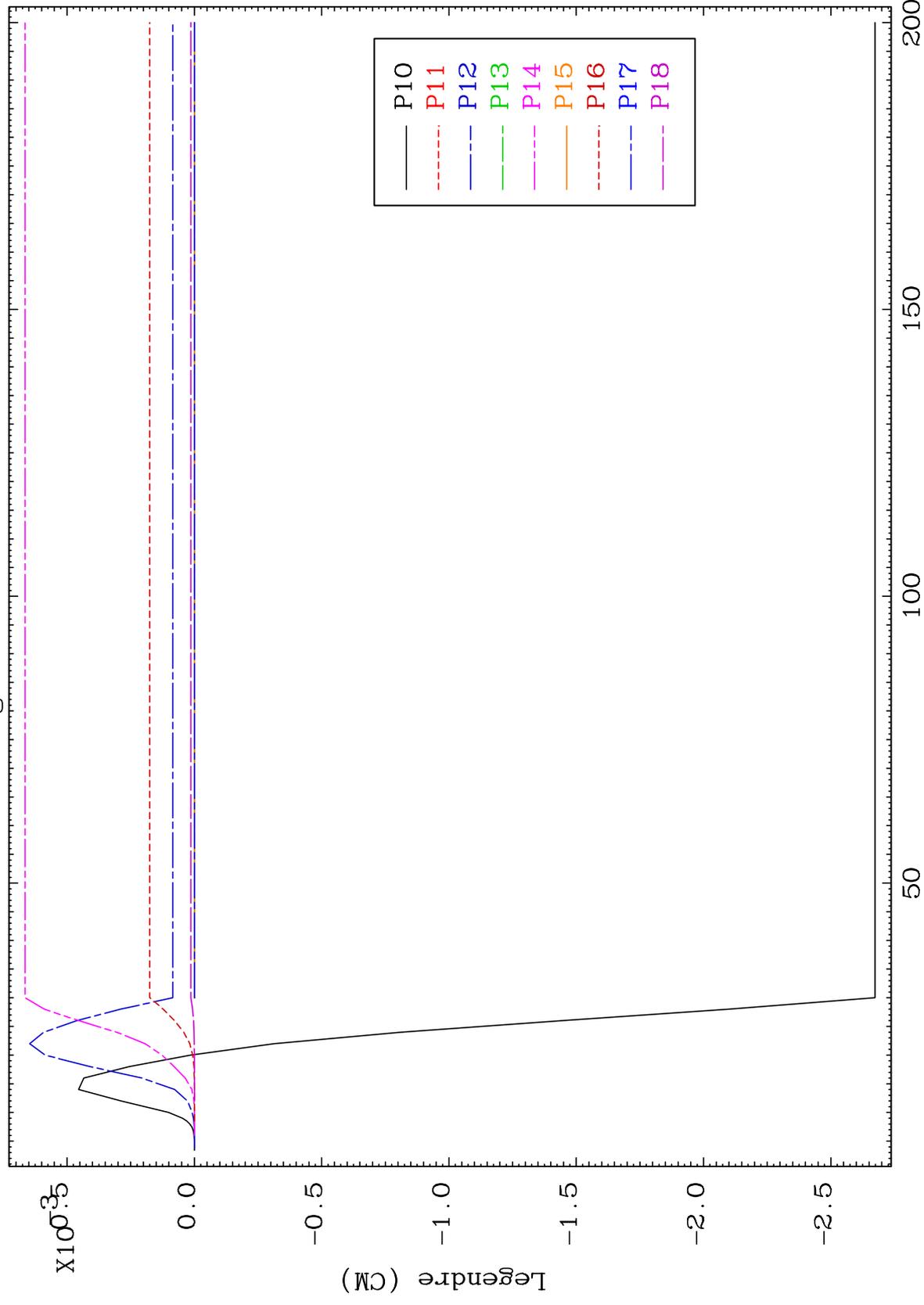




MAT 4995

MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-102

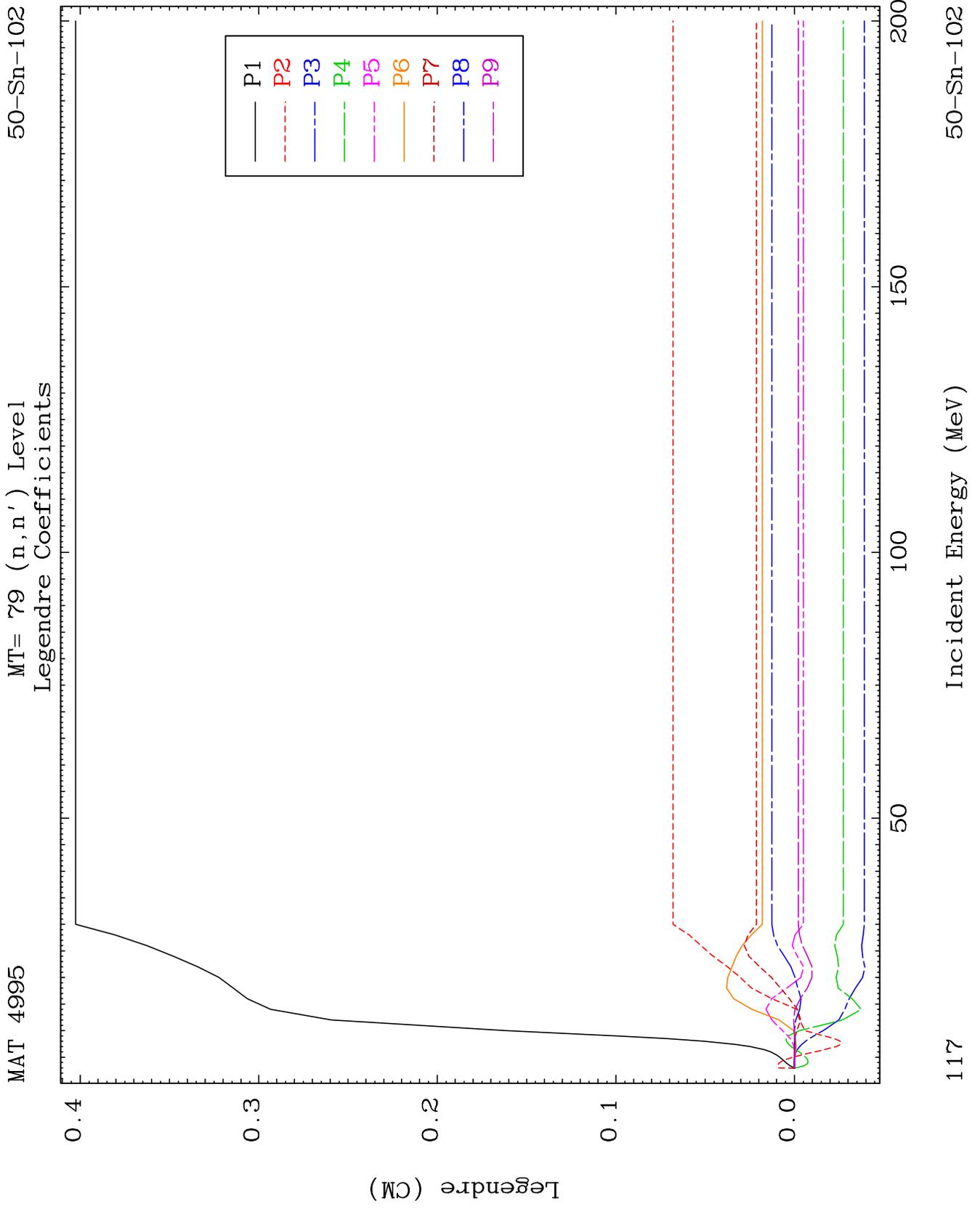


115

Incident Energy (MeV)

50-Sn-102

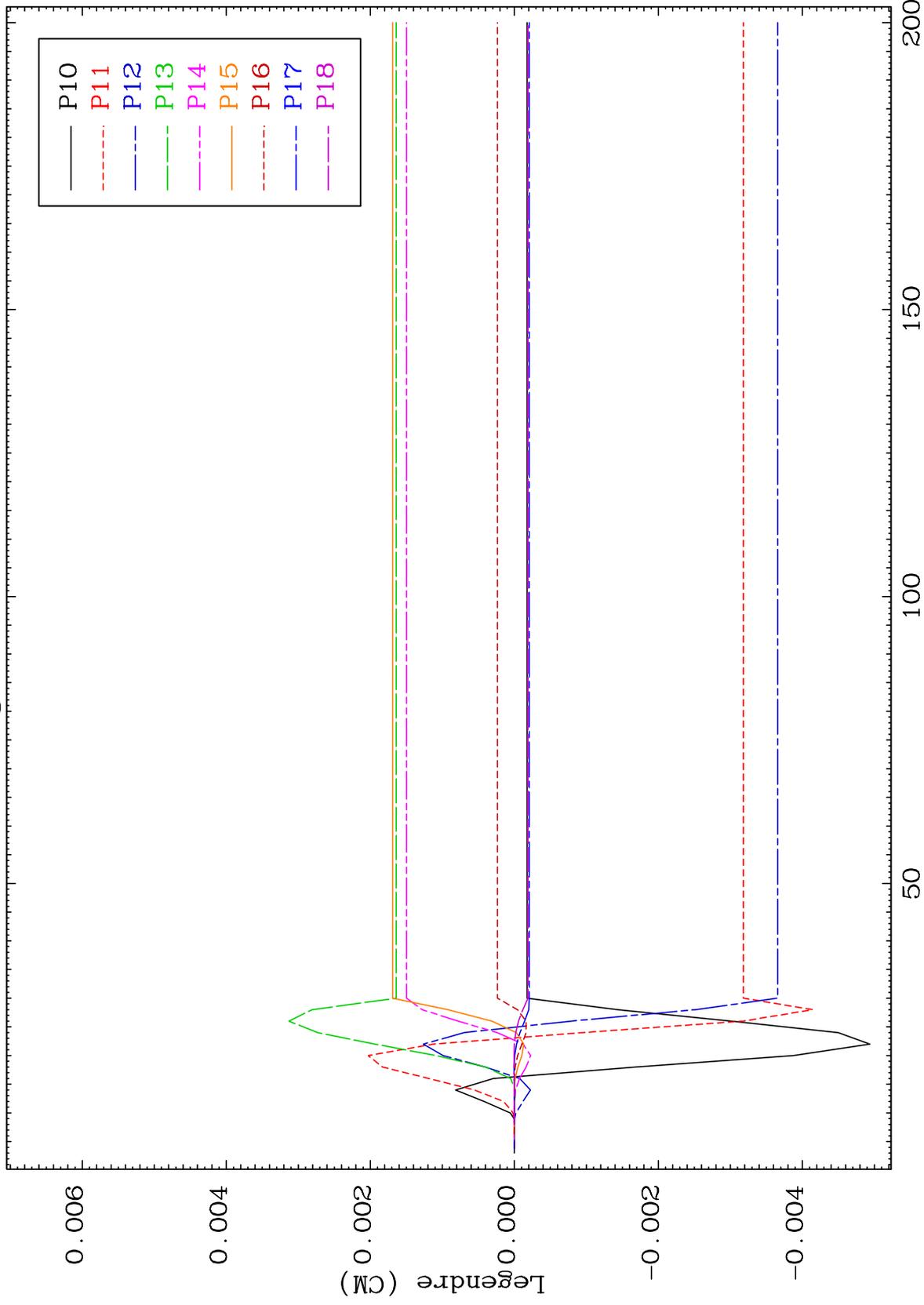




MAT 4995

MT= 79 (n,n') Level  
Legendre Coefficients

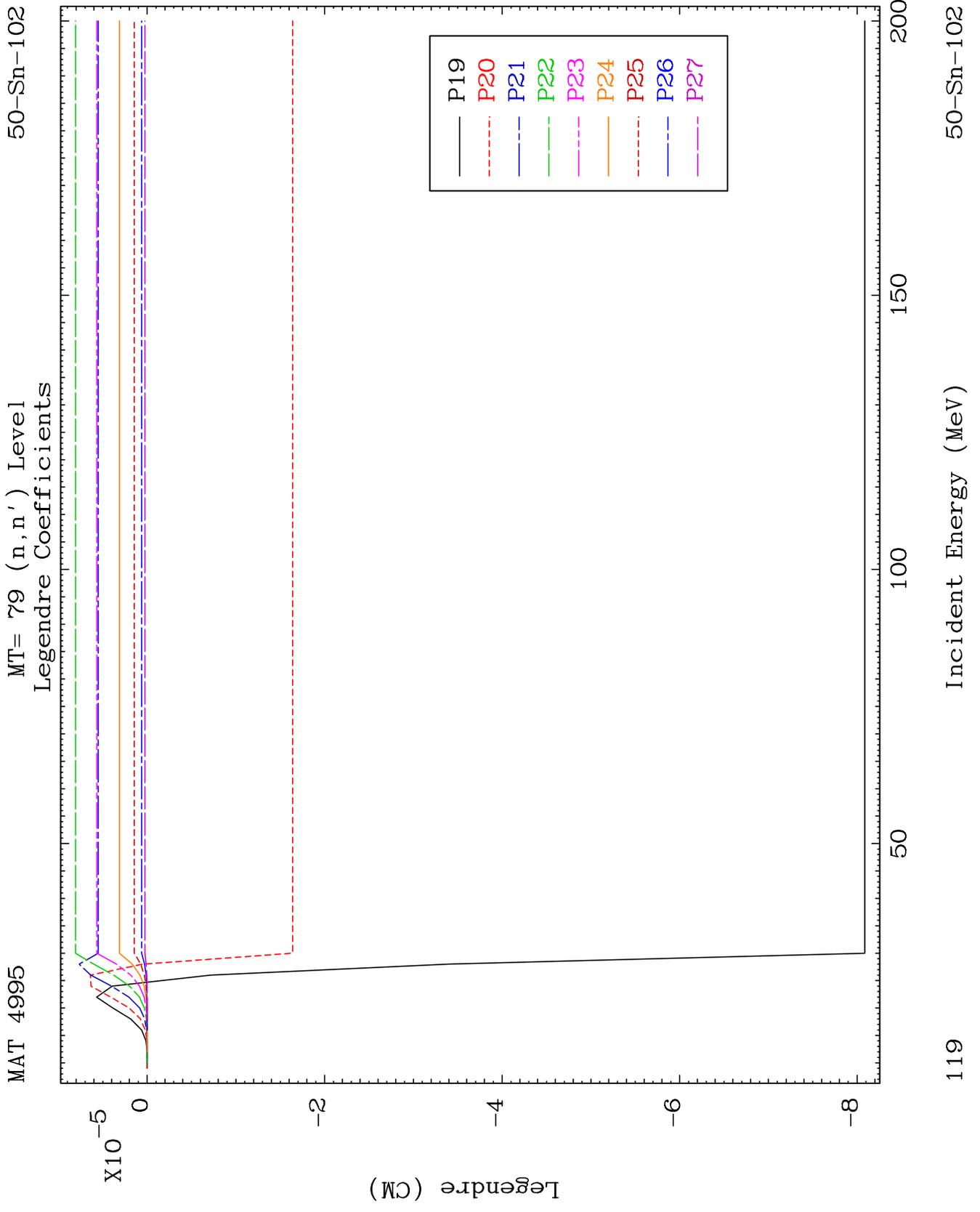
50-Sn-102



118

Incident Energy (MeV)

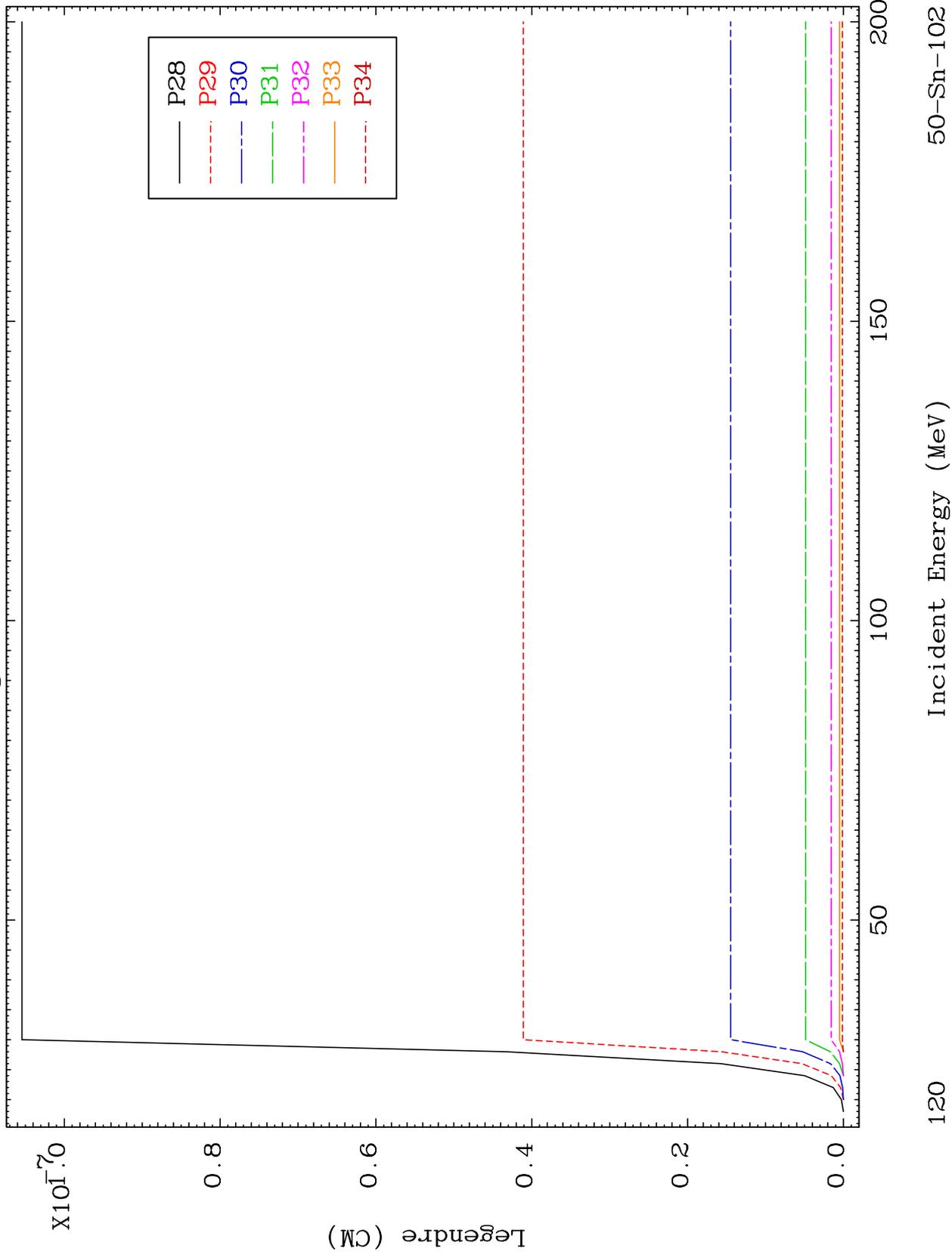
50-Sn-102

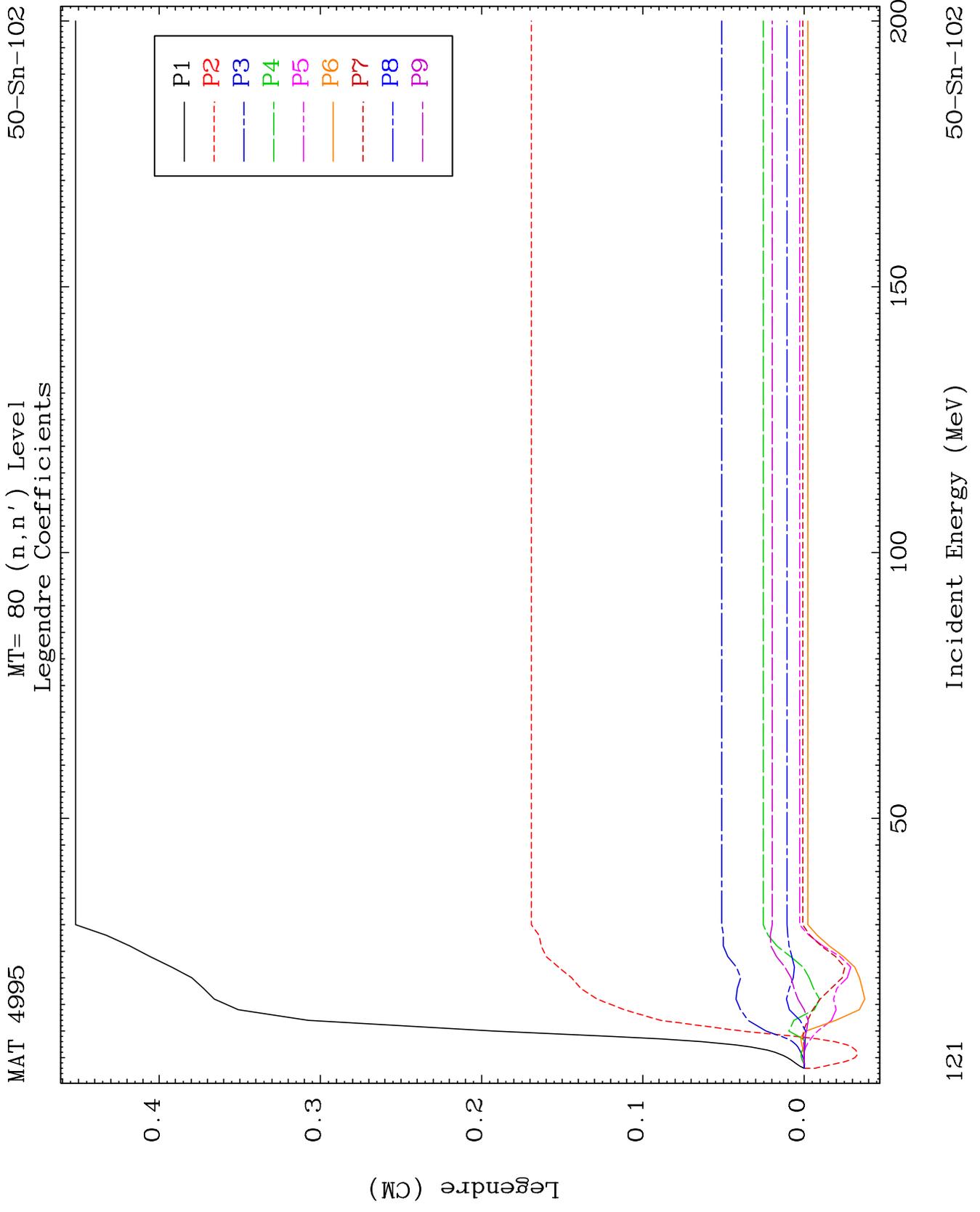


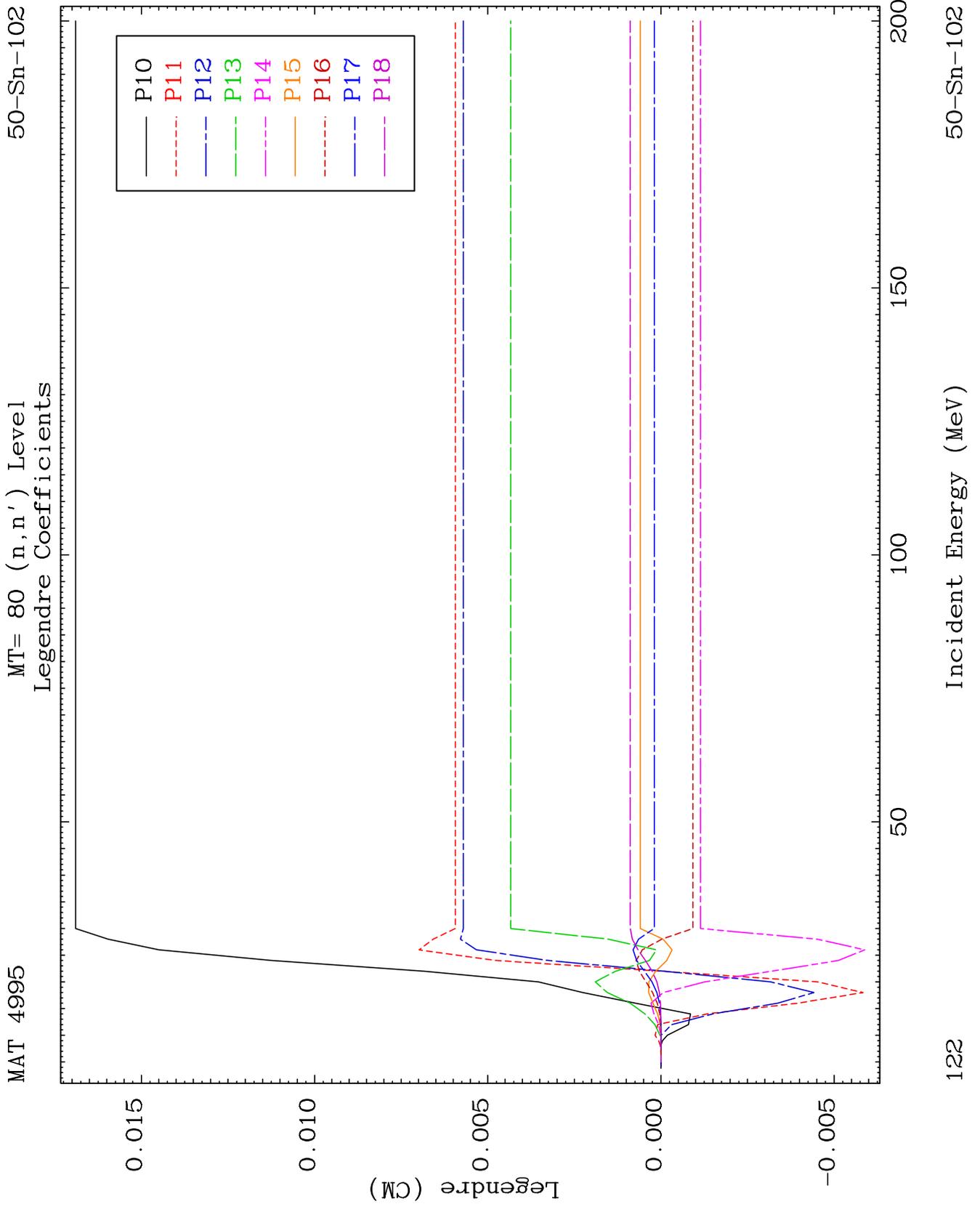
MAT 4995

MT= 79 (n,n') Level  
Legendre Coefficients

50-Sn-102



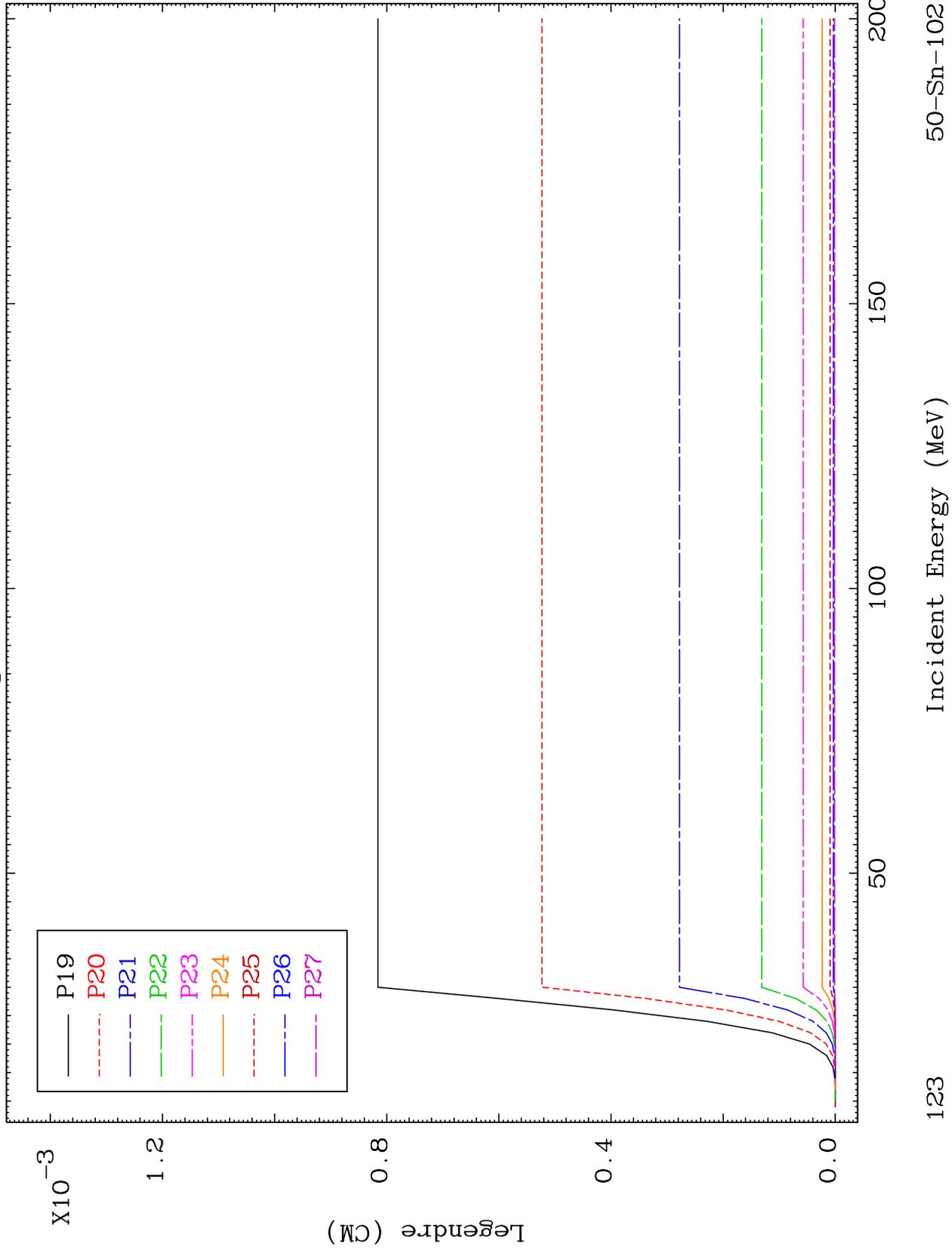




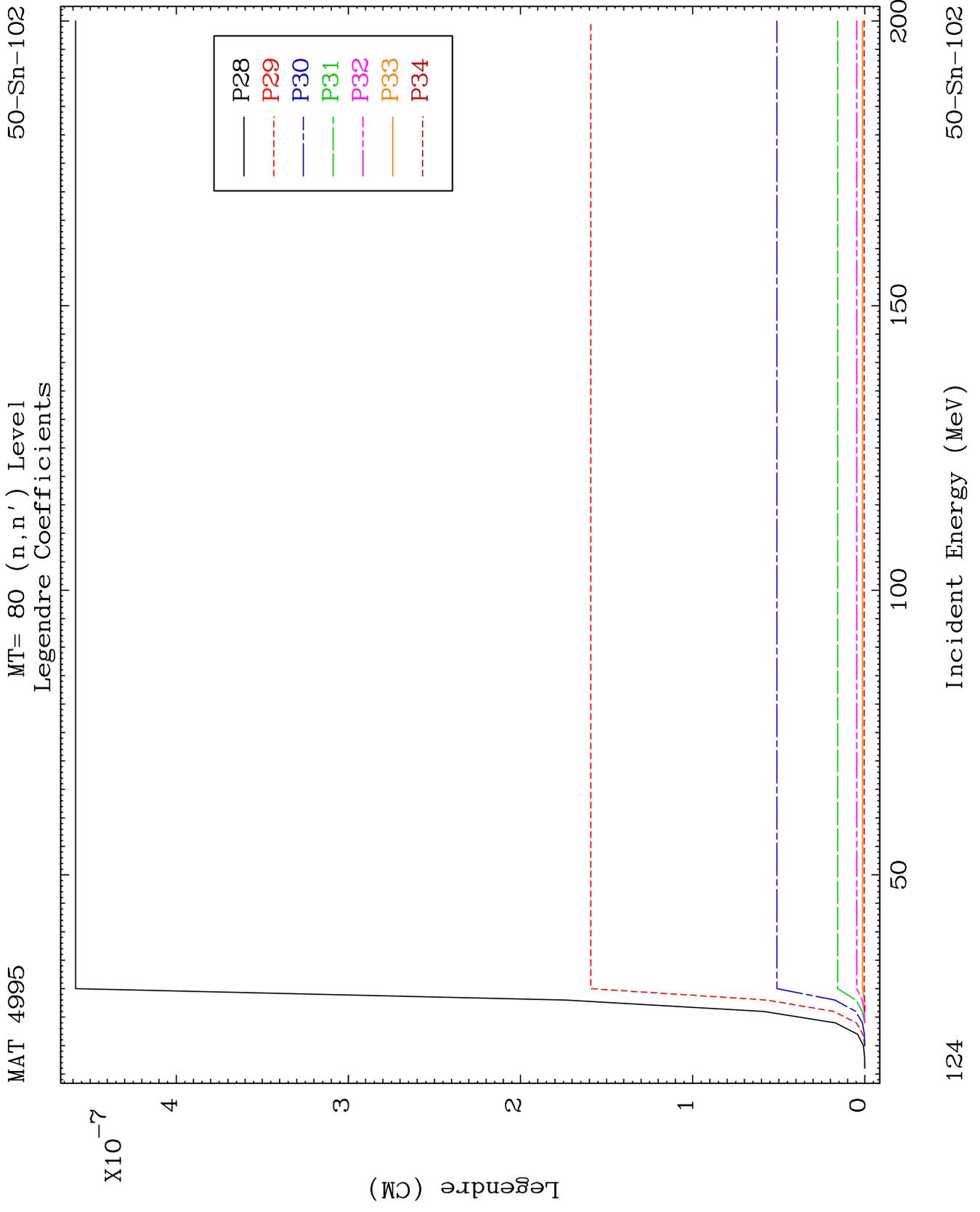
MAT 4995

MT= 80 (n,n') Level  
Legendre Coefficients

50-Sn-102



123

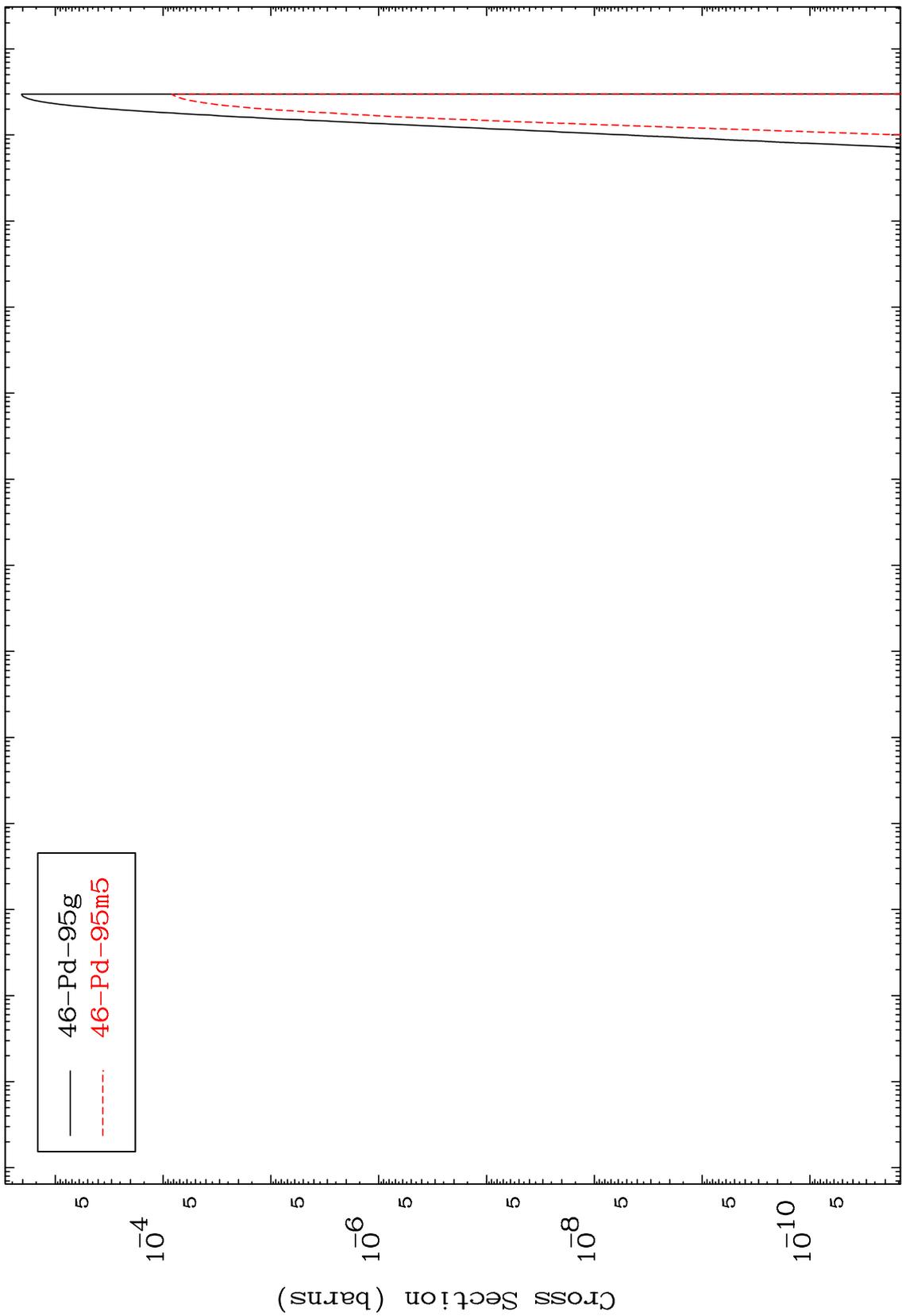


MAT 4995

(n,2α)

50-Sn-102

Radionuclide Production Cross Section



10<sup>-10</sup> 10<sup>-8</sup> 10<sup>-6</sup> 10<sup>-4</sup> 10<sup>0</sup> 10<sup>2</sup>

Incident Energy (MeV)

50-Sn-102

125