

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

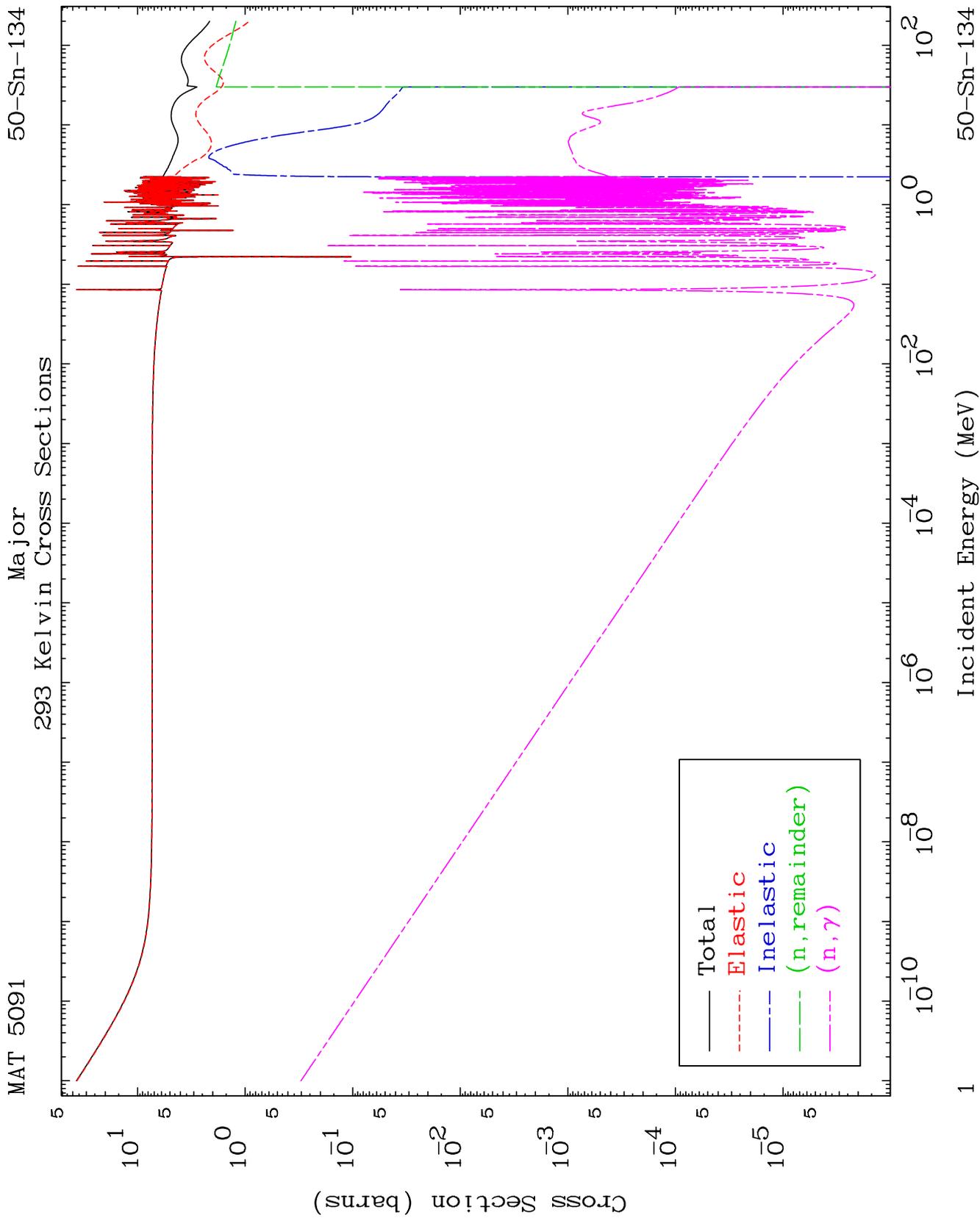
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

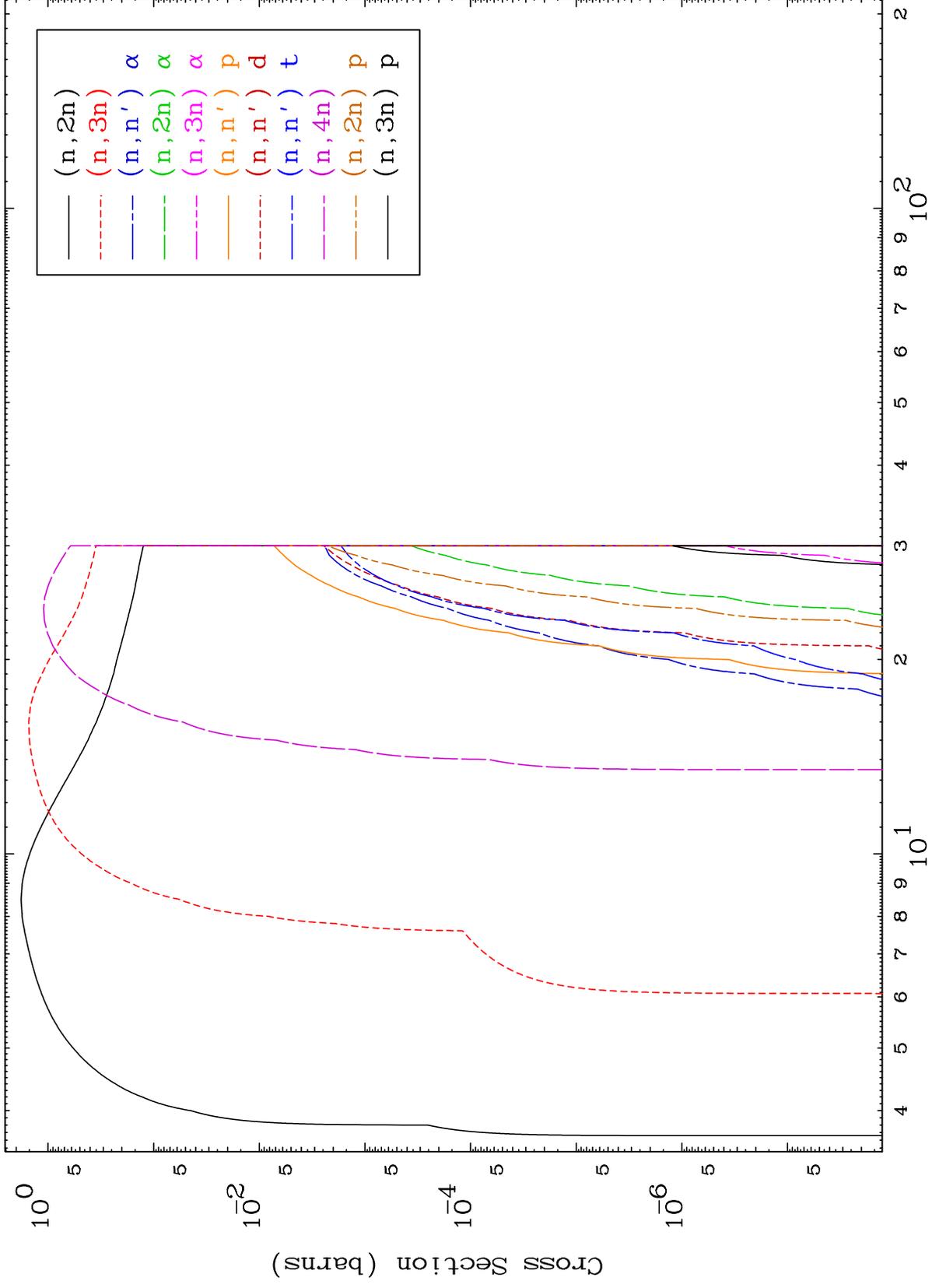
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MAT 5091

Neutron Production
293 Kelvin Cross Sections

50-Sn-134



2

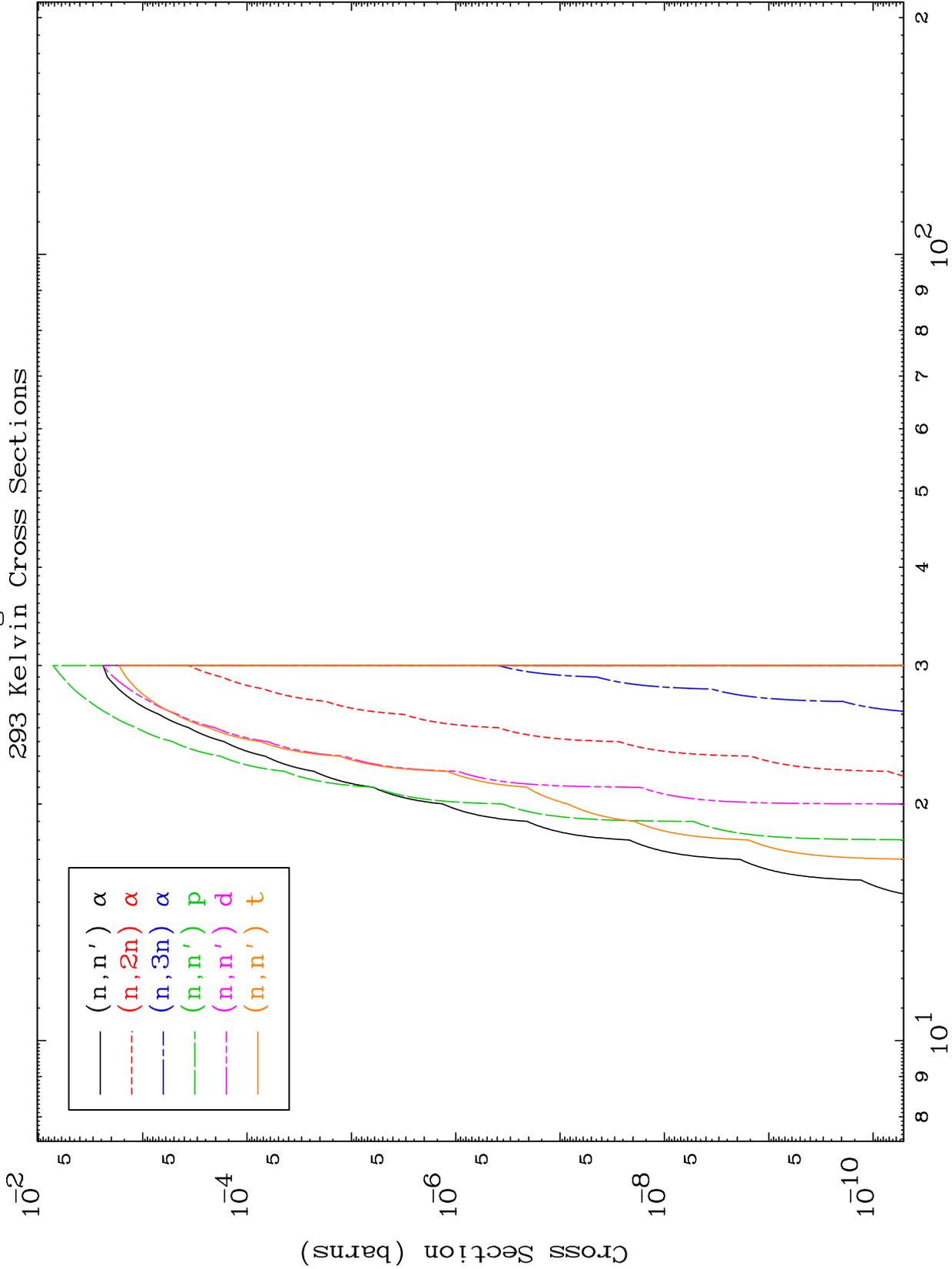
Incident Energy (MeV)

50-Sn-134

MAT 5091

Charged Particle
293 Kelvin Cross Sections

50-Sn-134



50-Sn-134

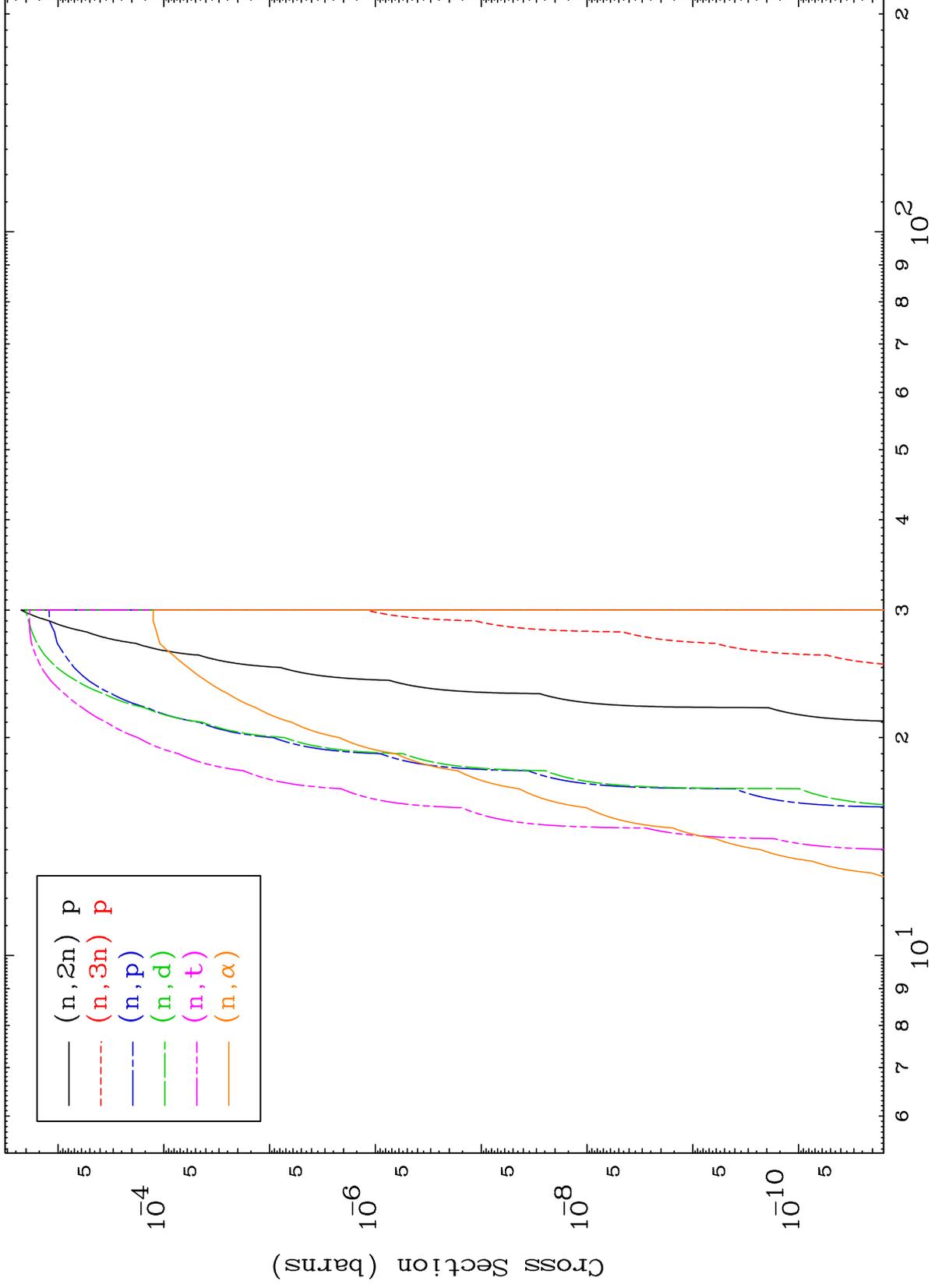
Incident Energy (MeV)

3

MAT 5091

Charged Particle
293 Kelvin Cross Sections

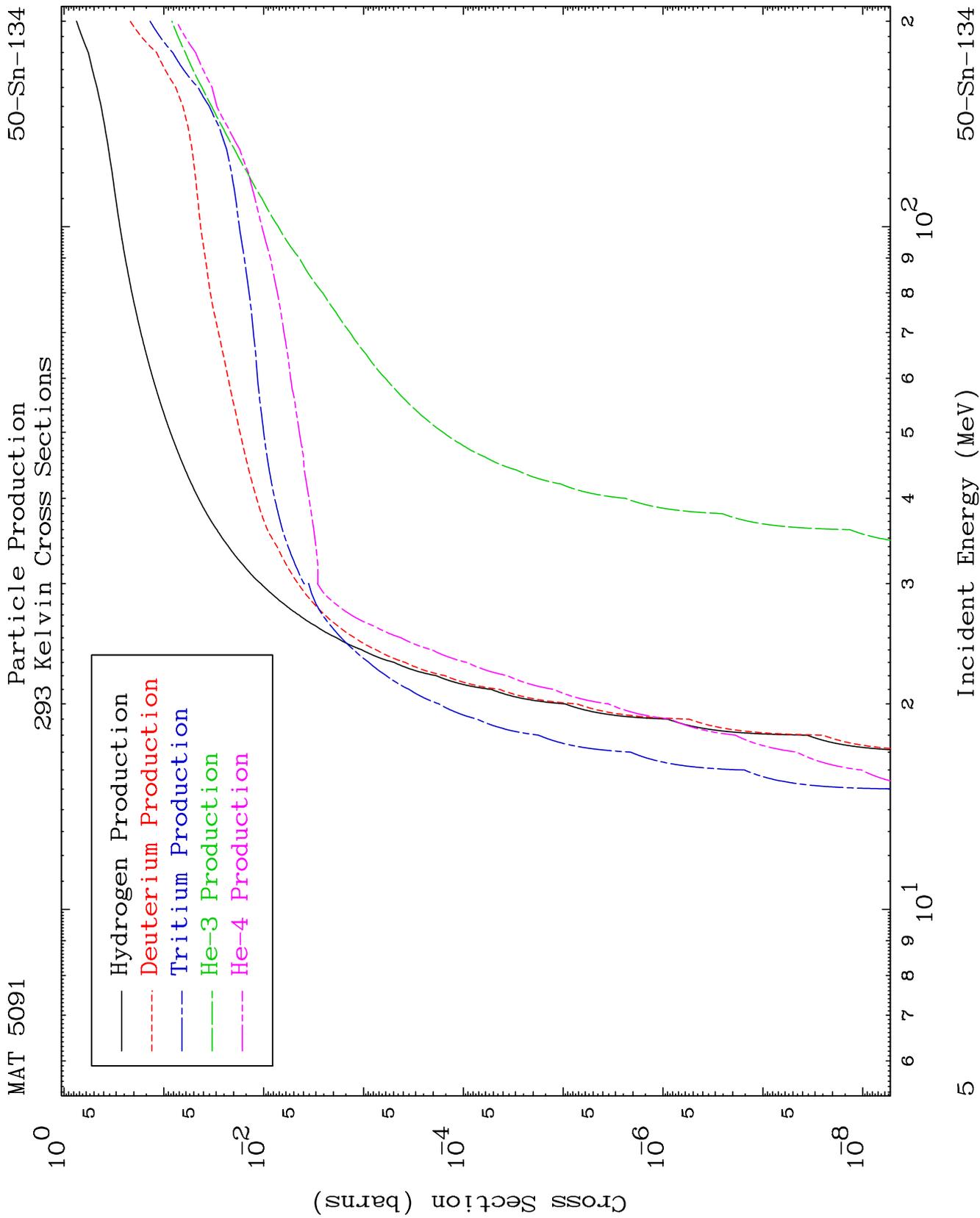
50-Sn-134



4

Incident Energy (MeV)

50-Sn-134

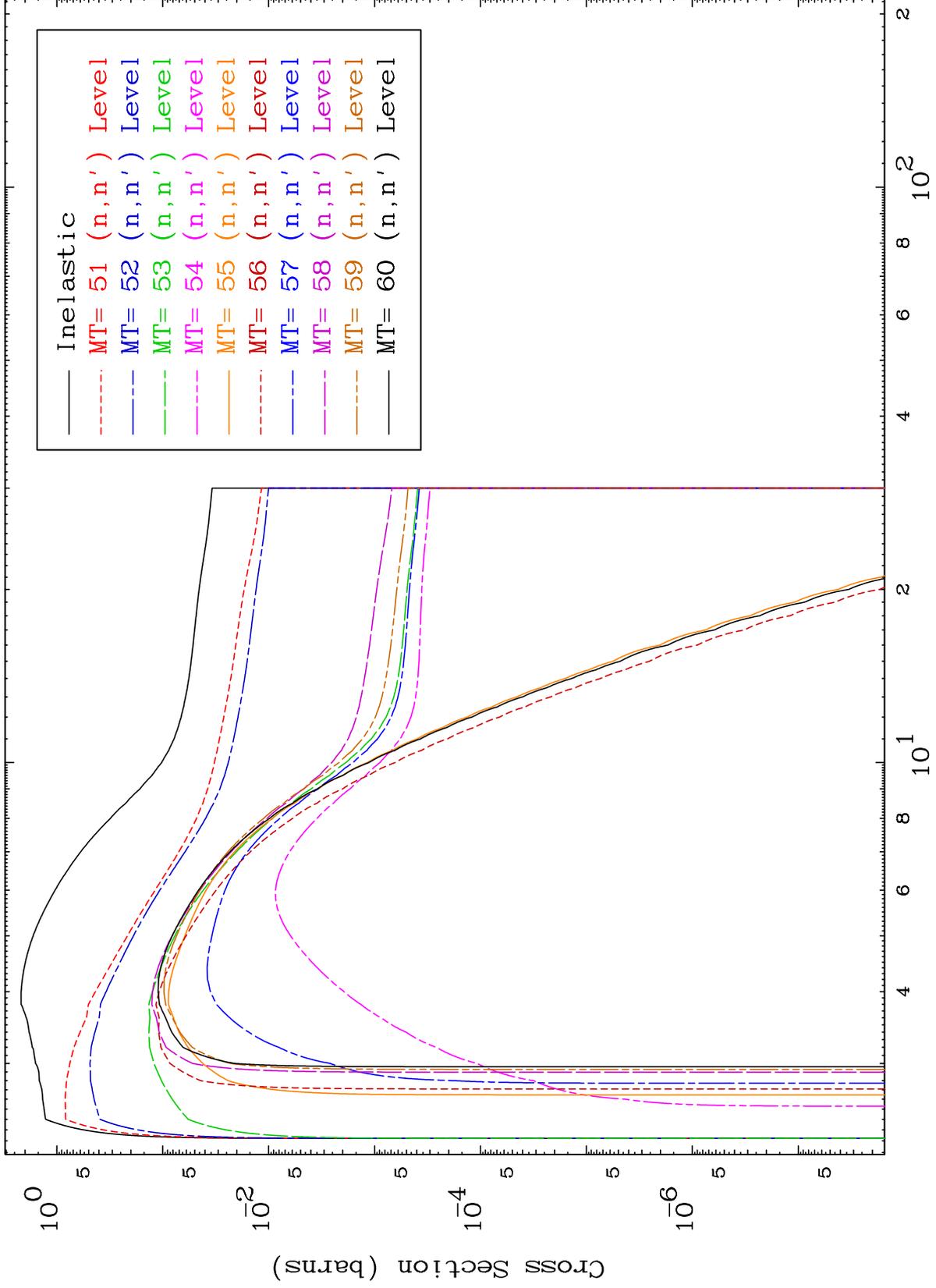


MAT 5091

(n,n') Level

50-Sn-134

293 Kelvin Cross Sections



6

Incident Energy (MeV)

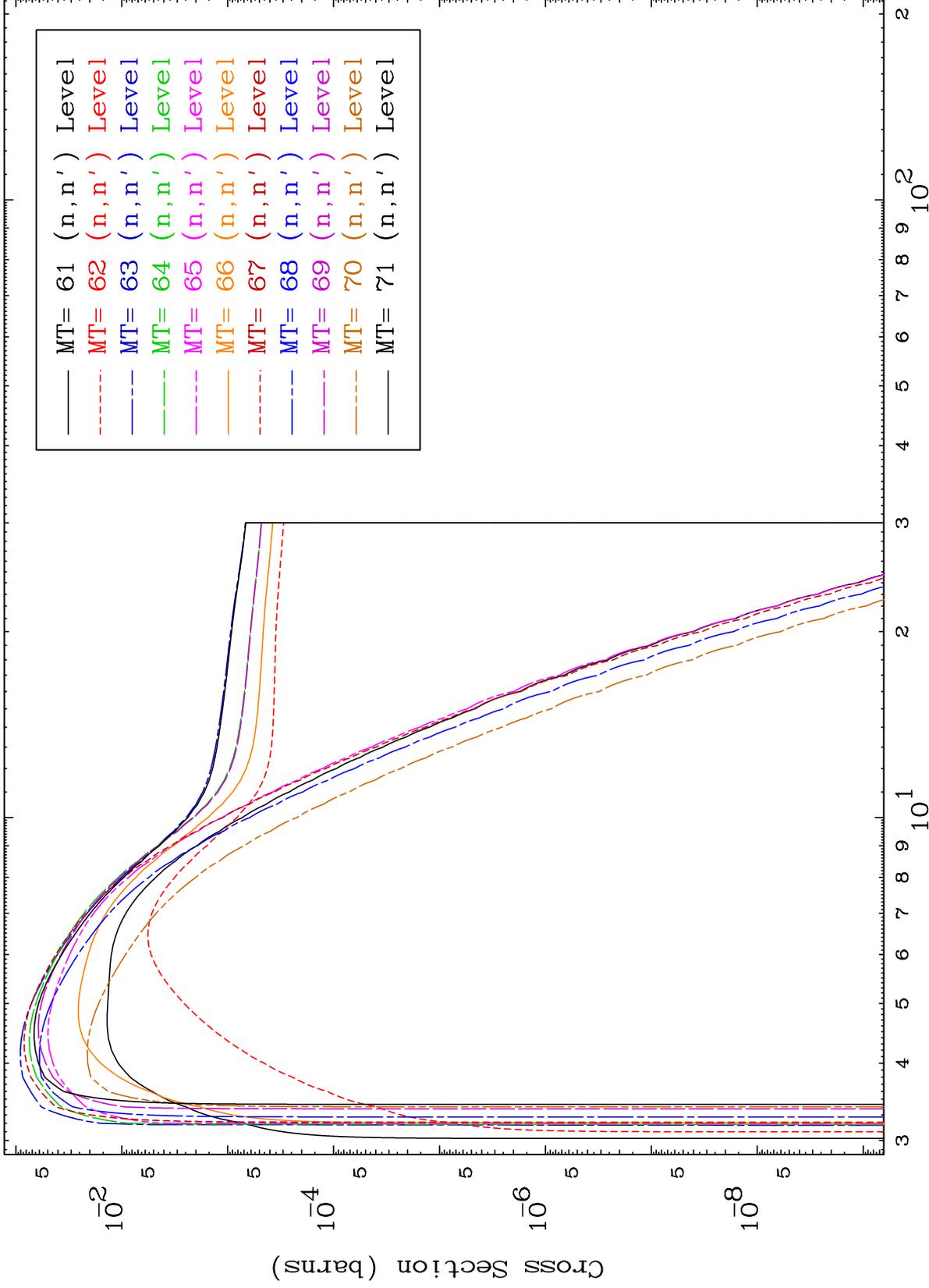
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MAT 5091

(n,n') Level

50-Sn-134

293 Kelvin Cross Sections



Incident Energy (MeV)

50-Sn-134

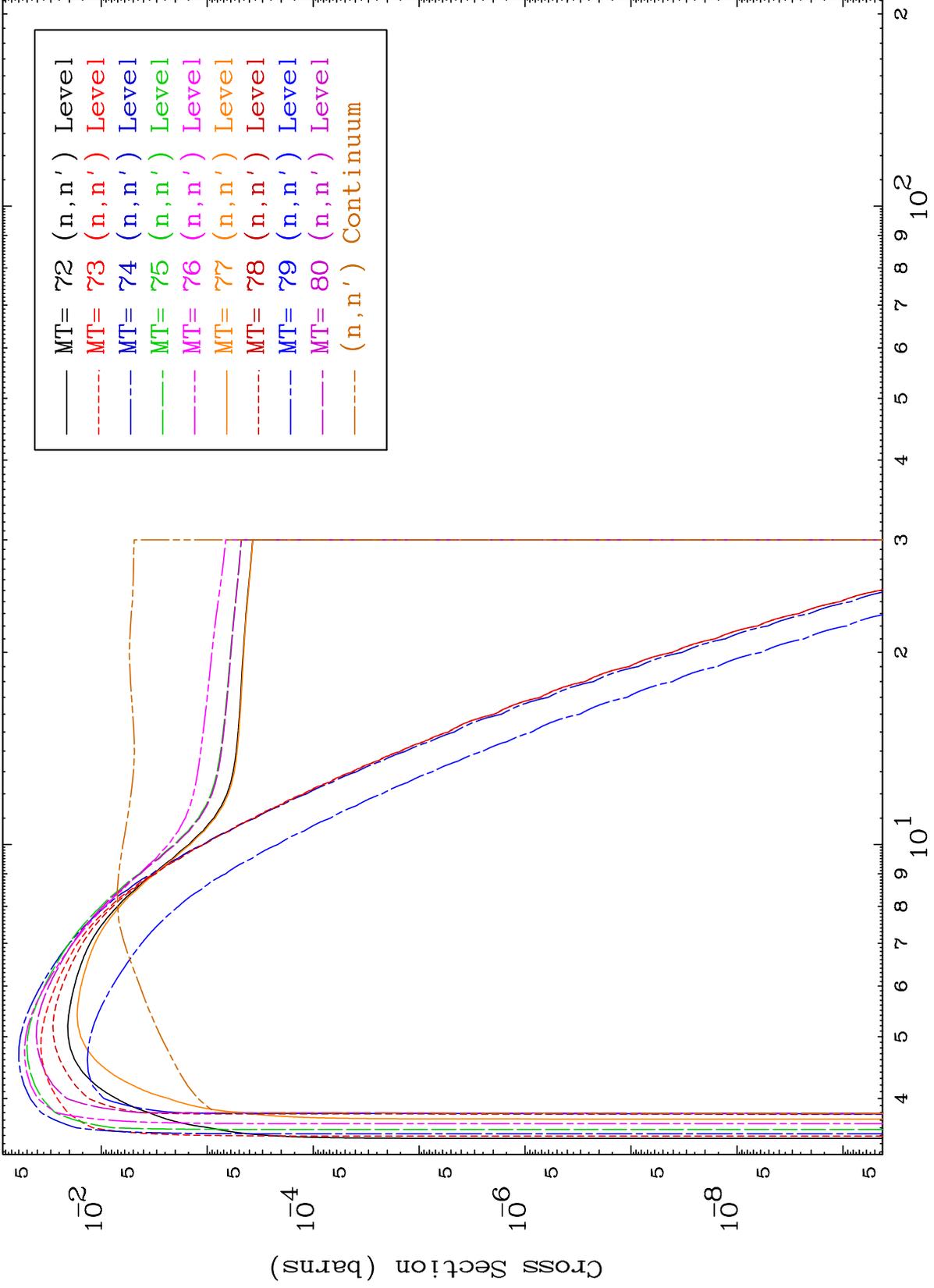
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MAT 5091

(n,n') Level

50-Sn-134

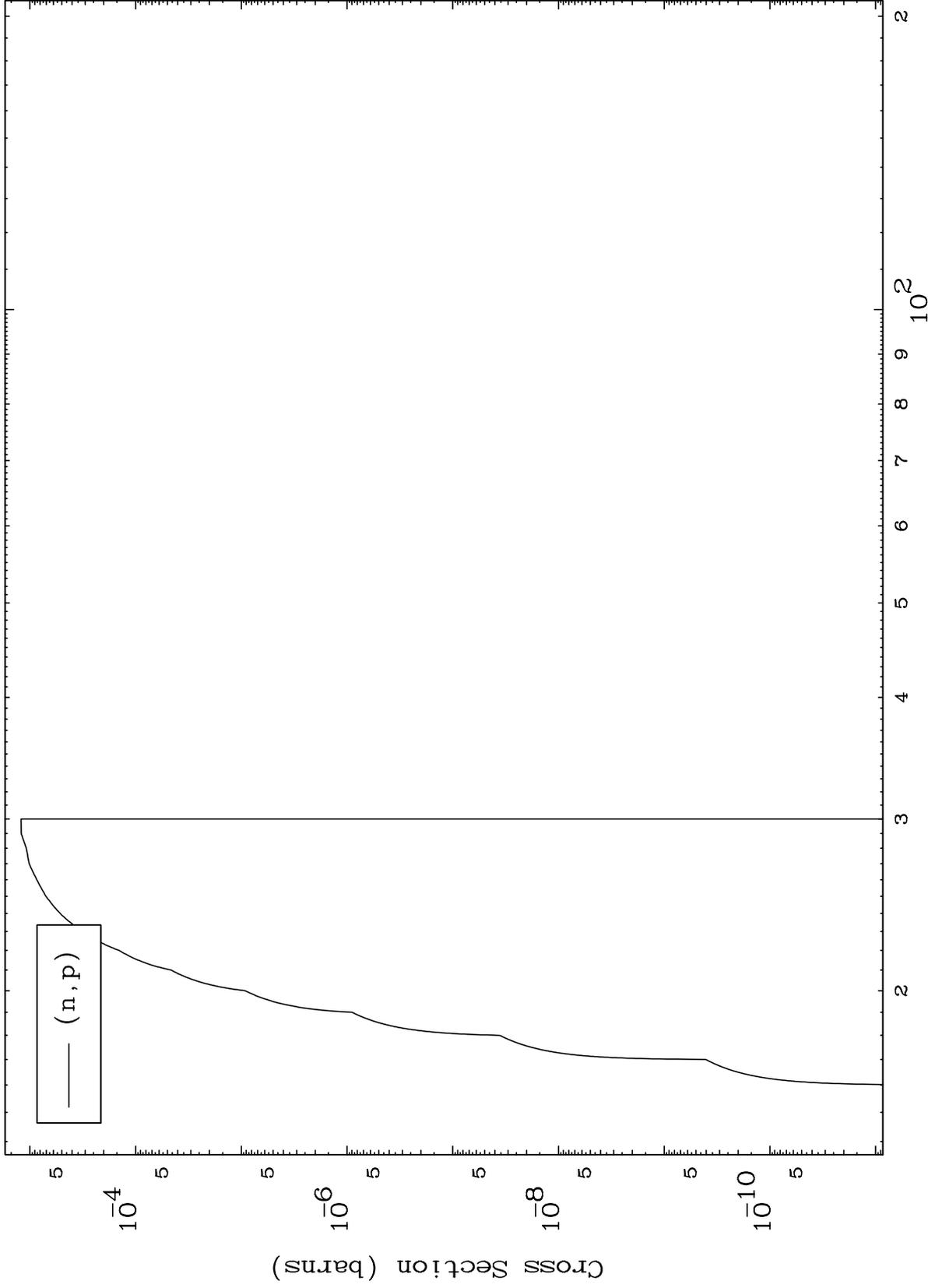
293 Kelvin Cross Sections



8

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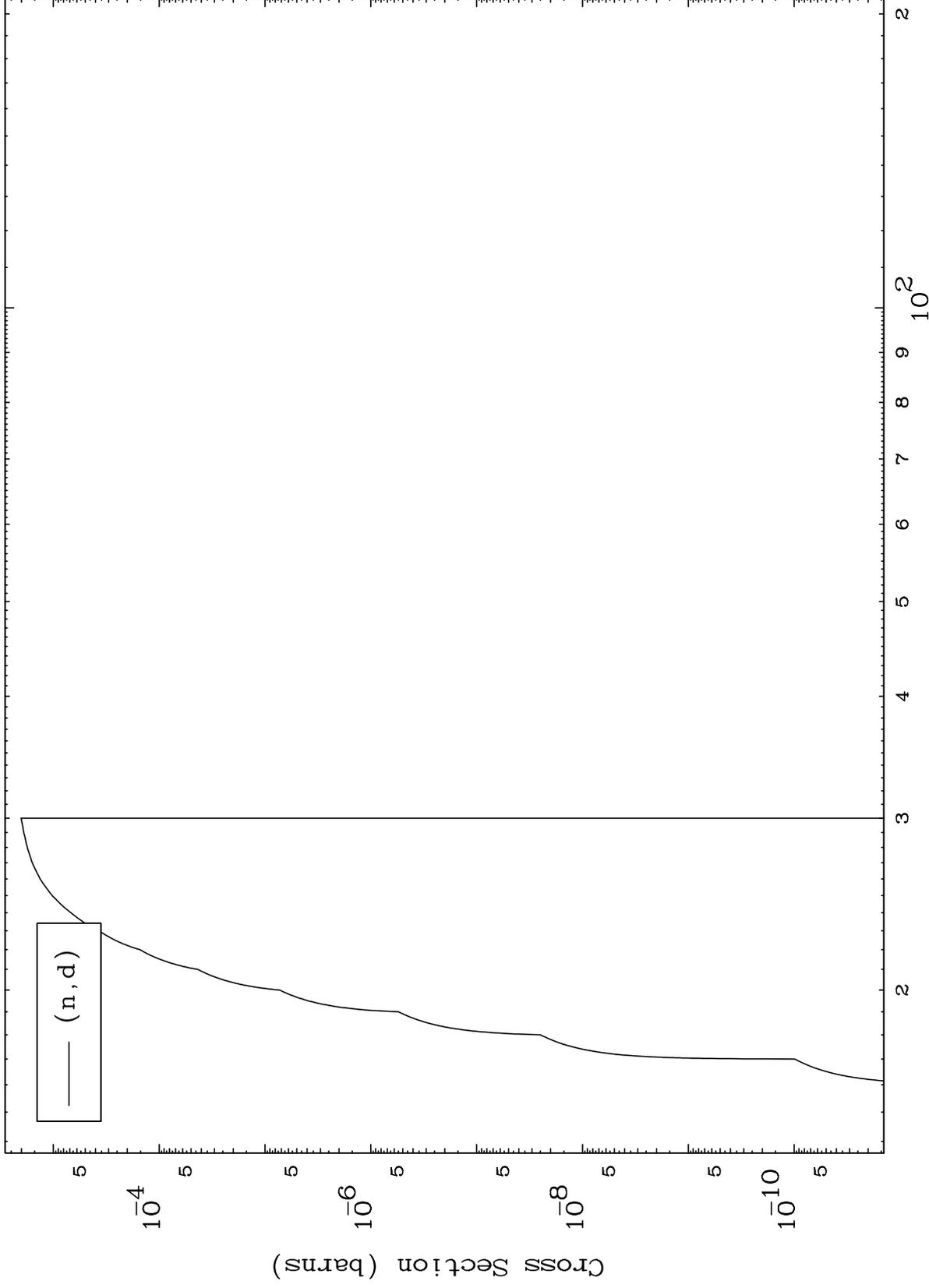
50-Sn-134



MAT 5091

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-134



10

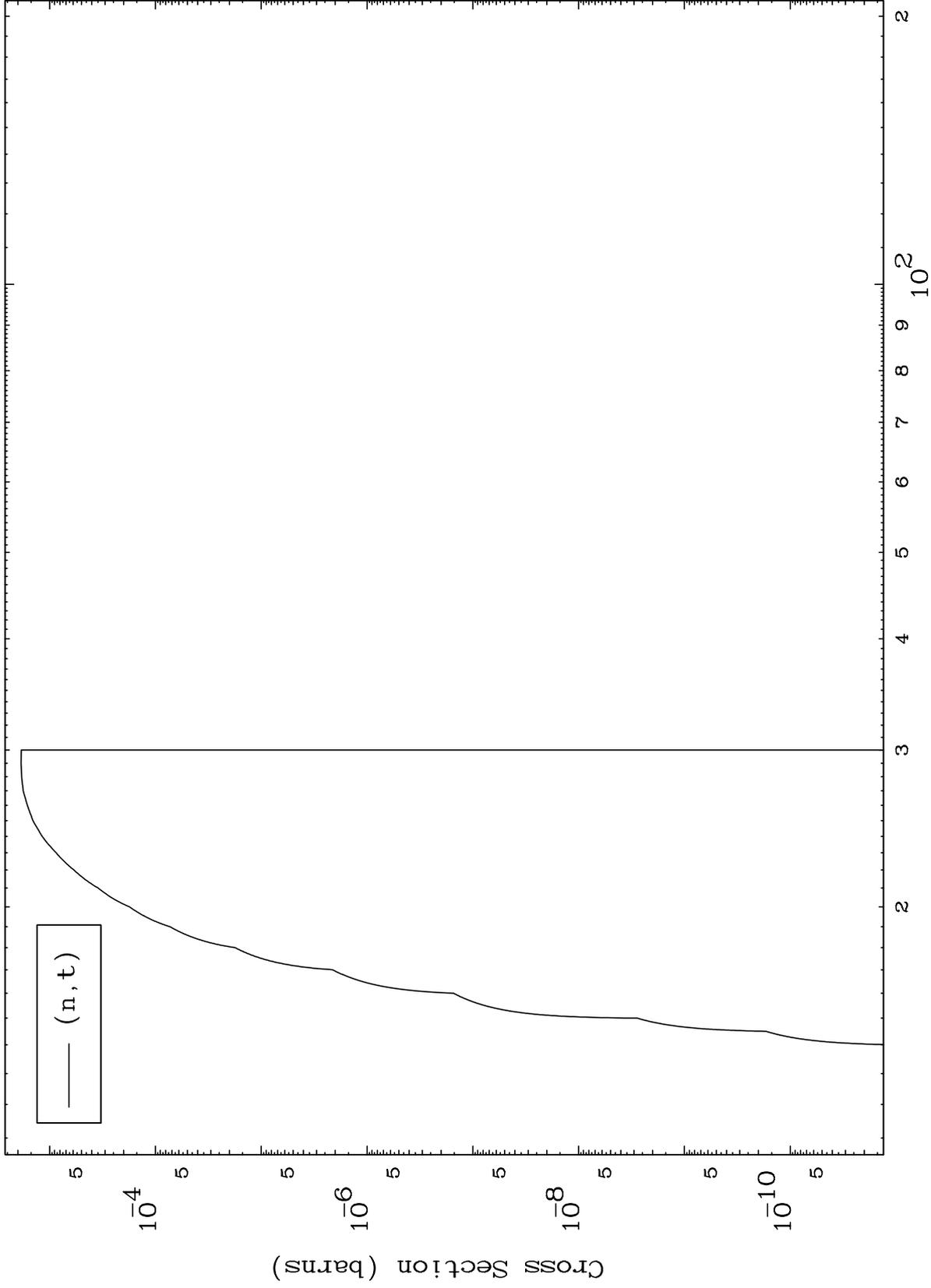
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50-Sn-134

MAT 5091

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-134



11

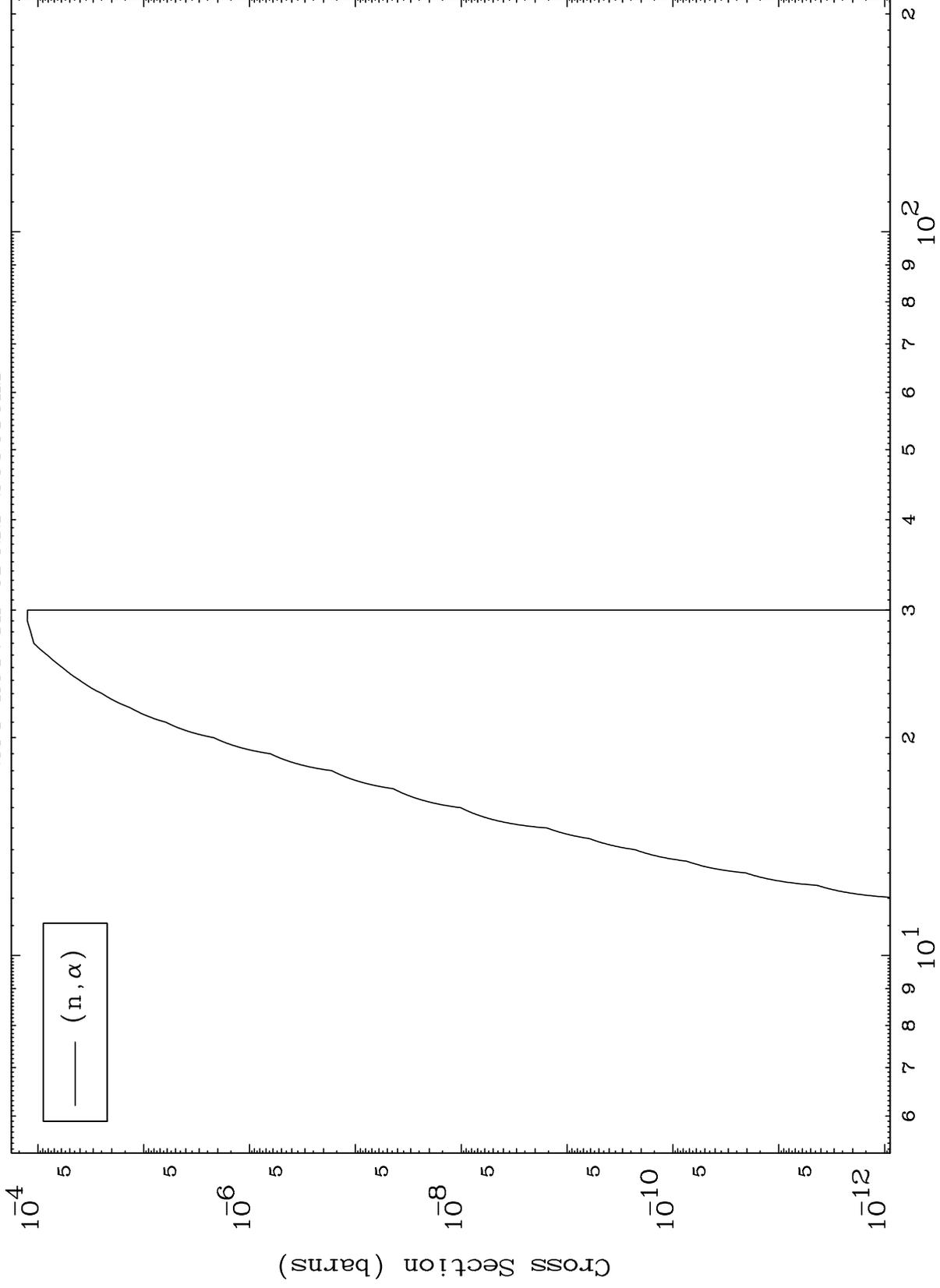
Incident Energy (MeV)

50-Sn-134

MAT 5091

(n, α) Levels
293 Kelvin Cross Sections

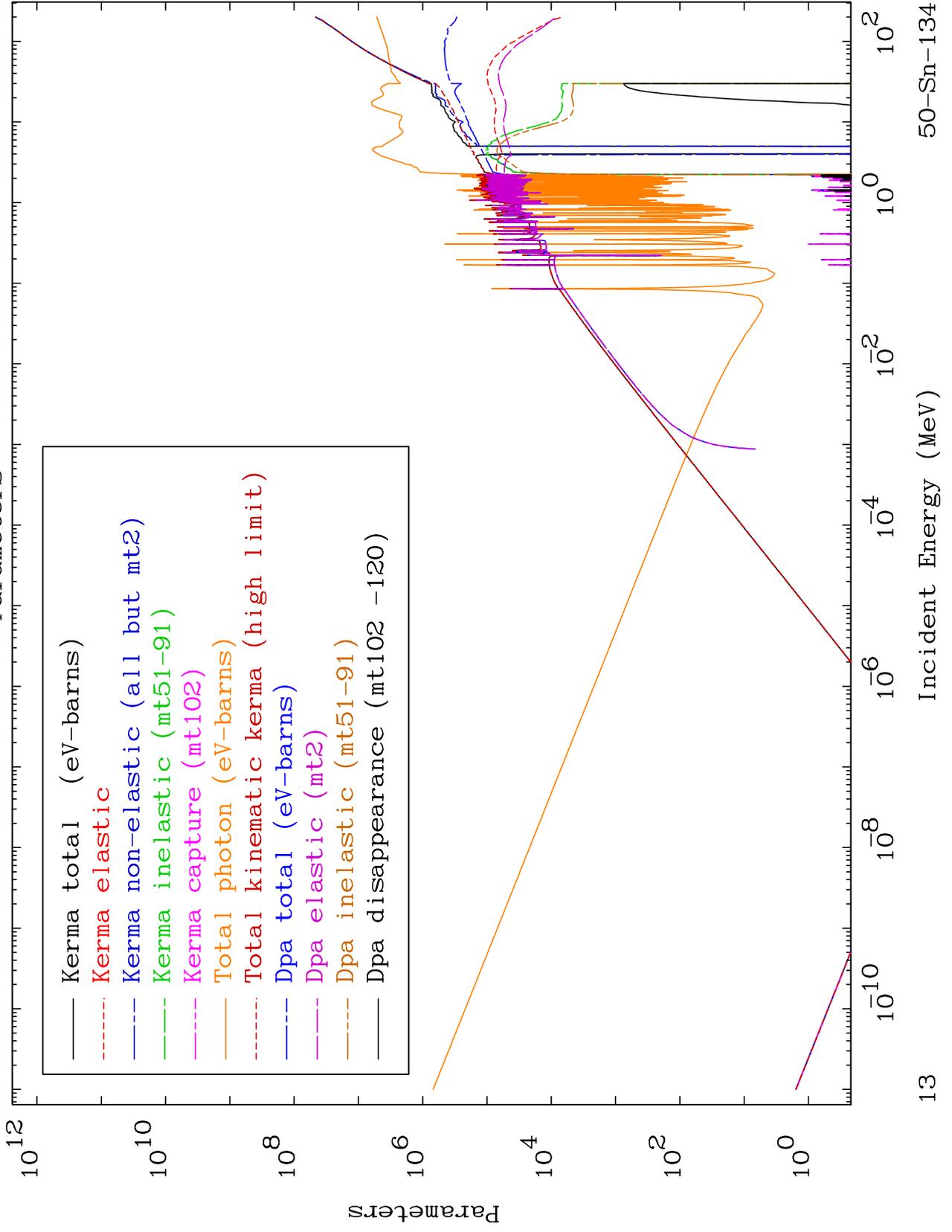
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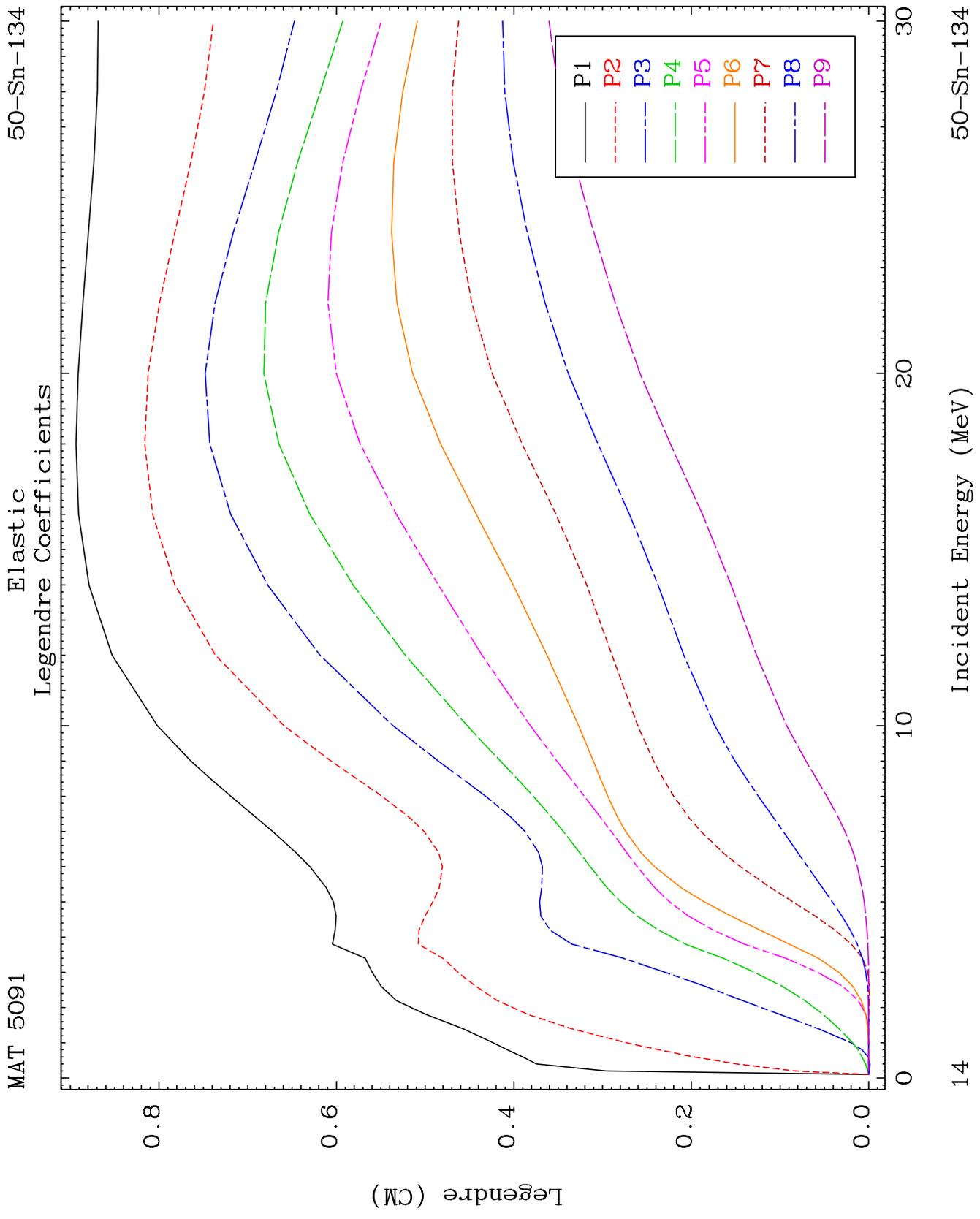


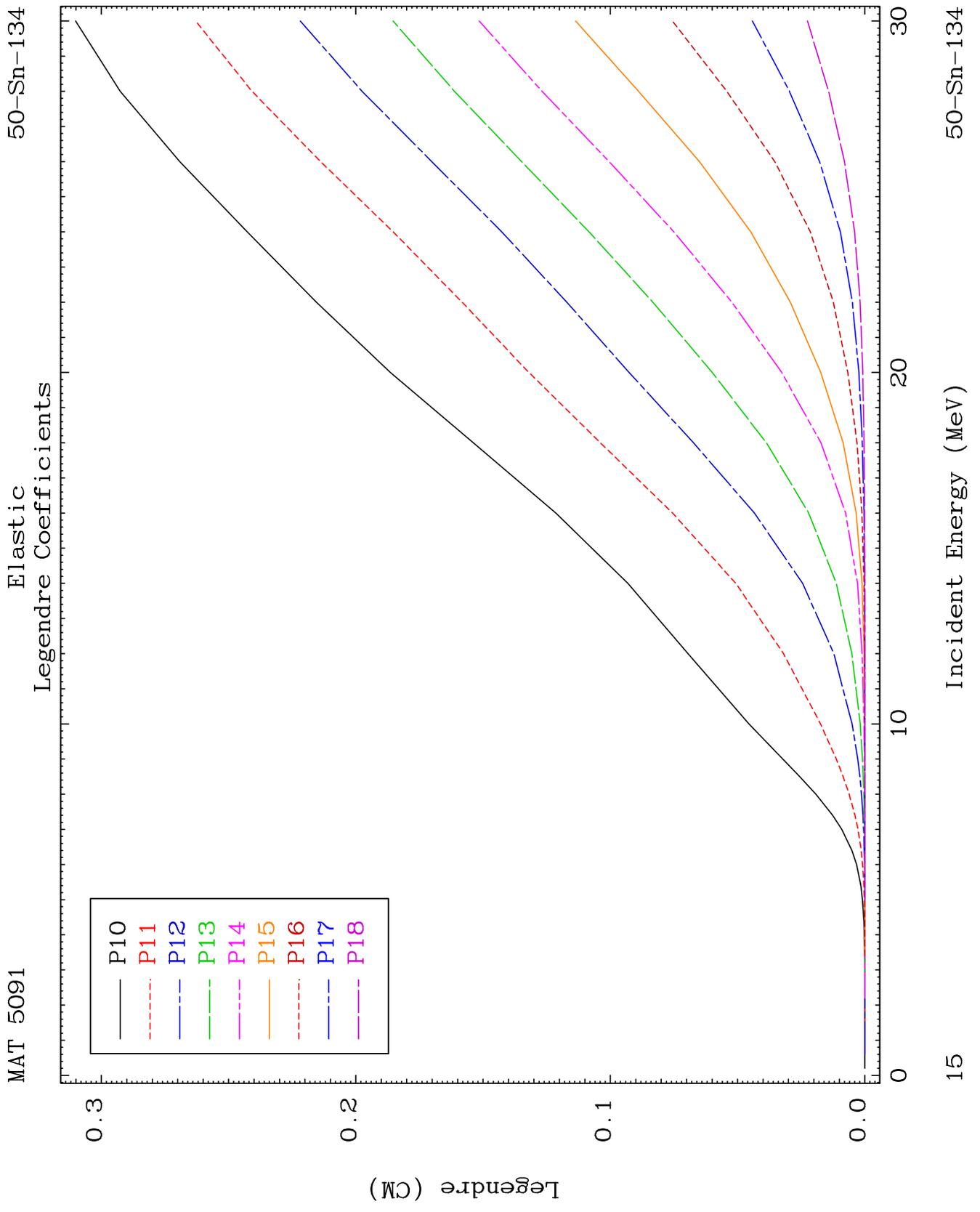
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Incident Energy (MeV)

50-Sn-134



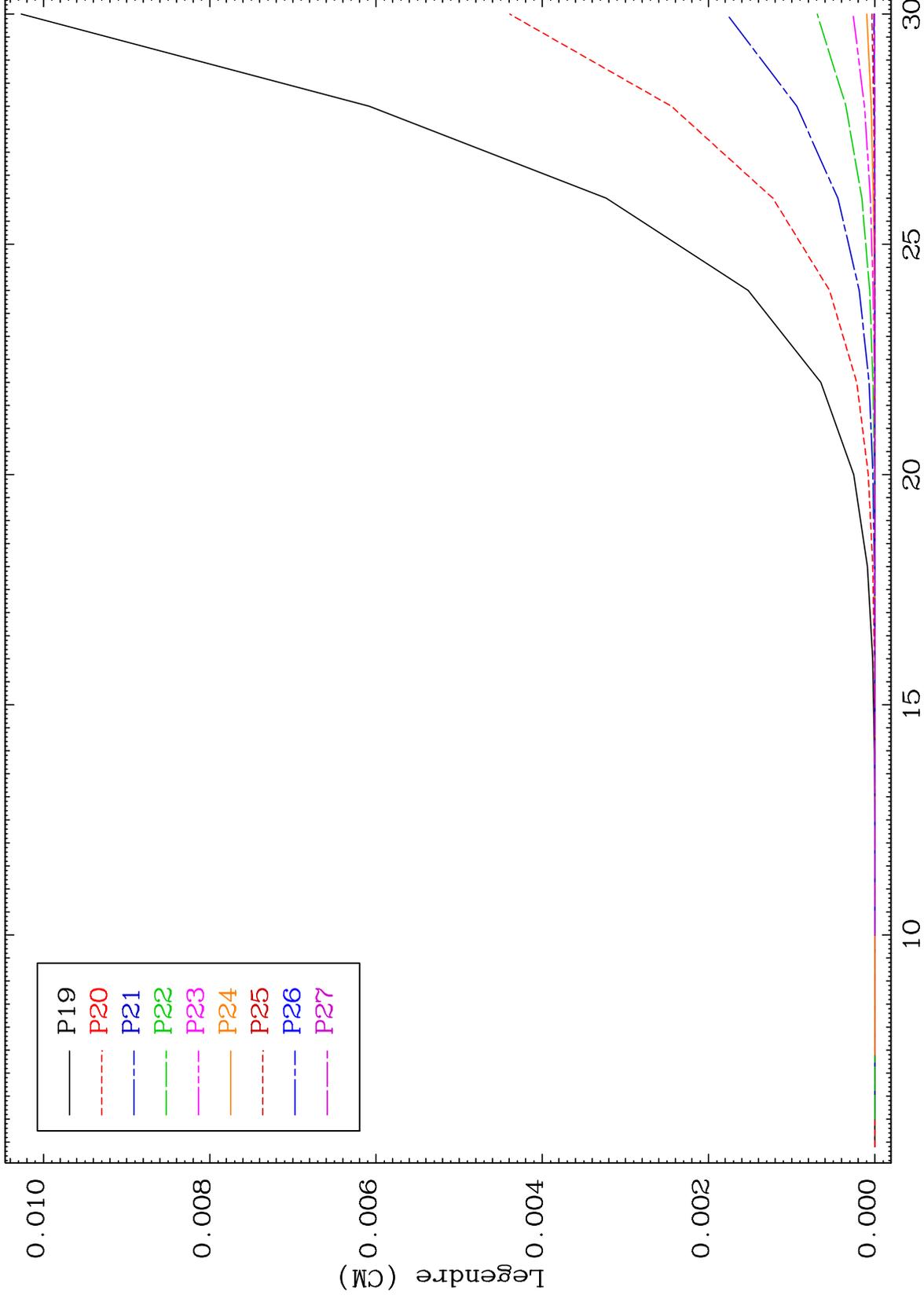




MAT 5091

Elastic
Legendre Coefficients

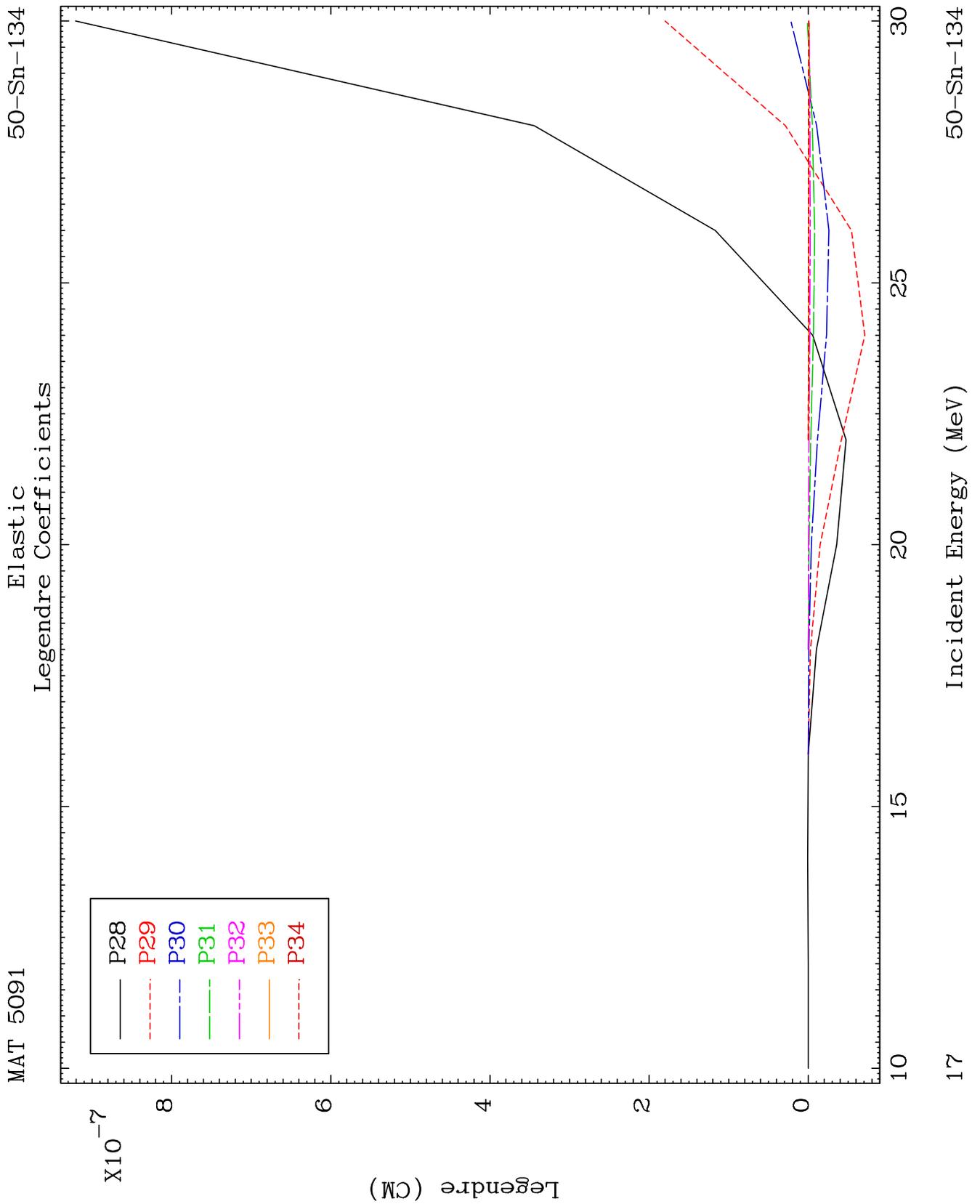
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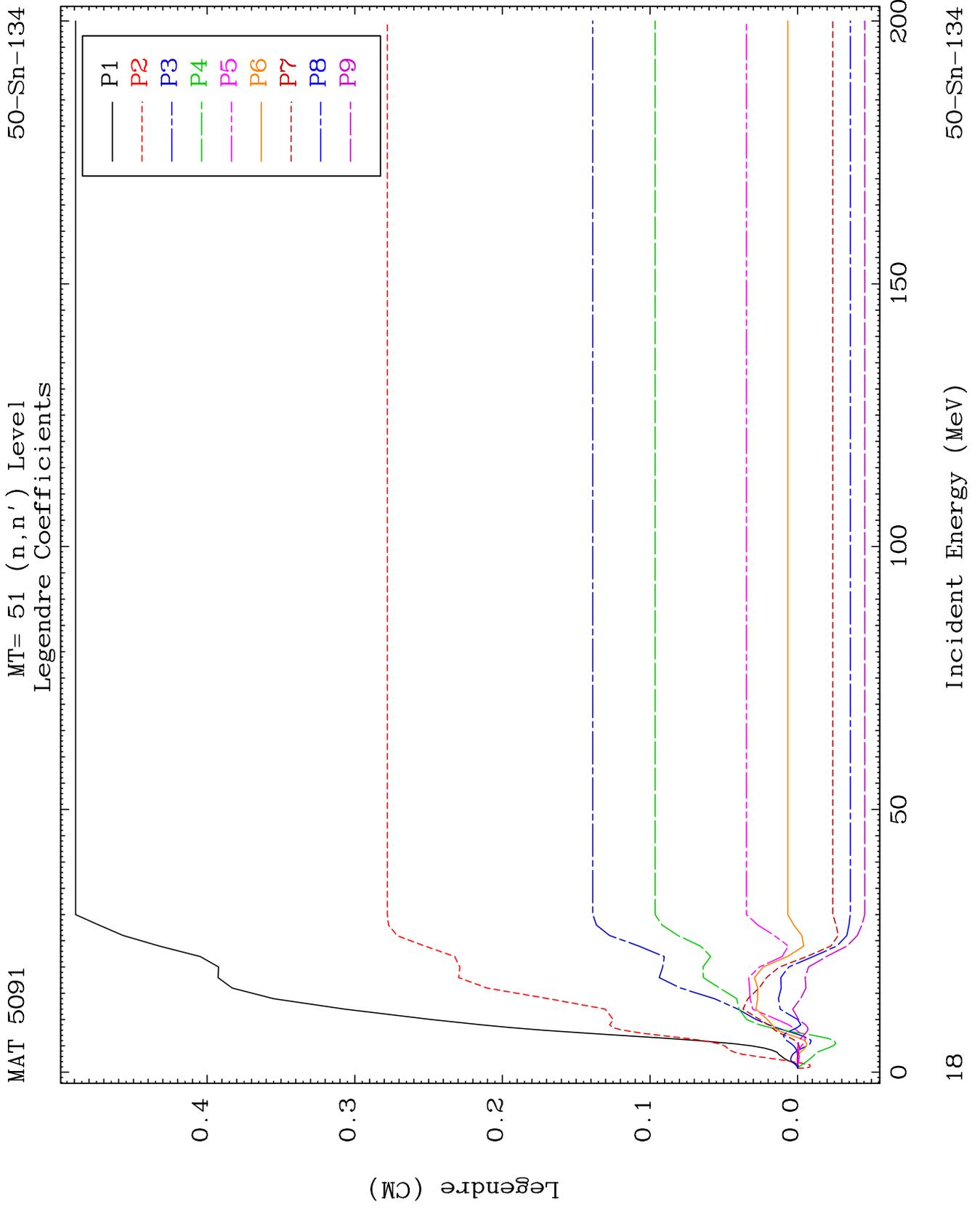


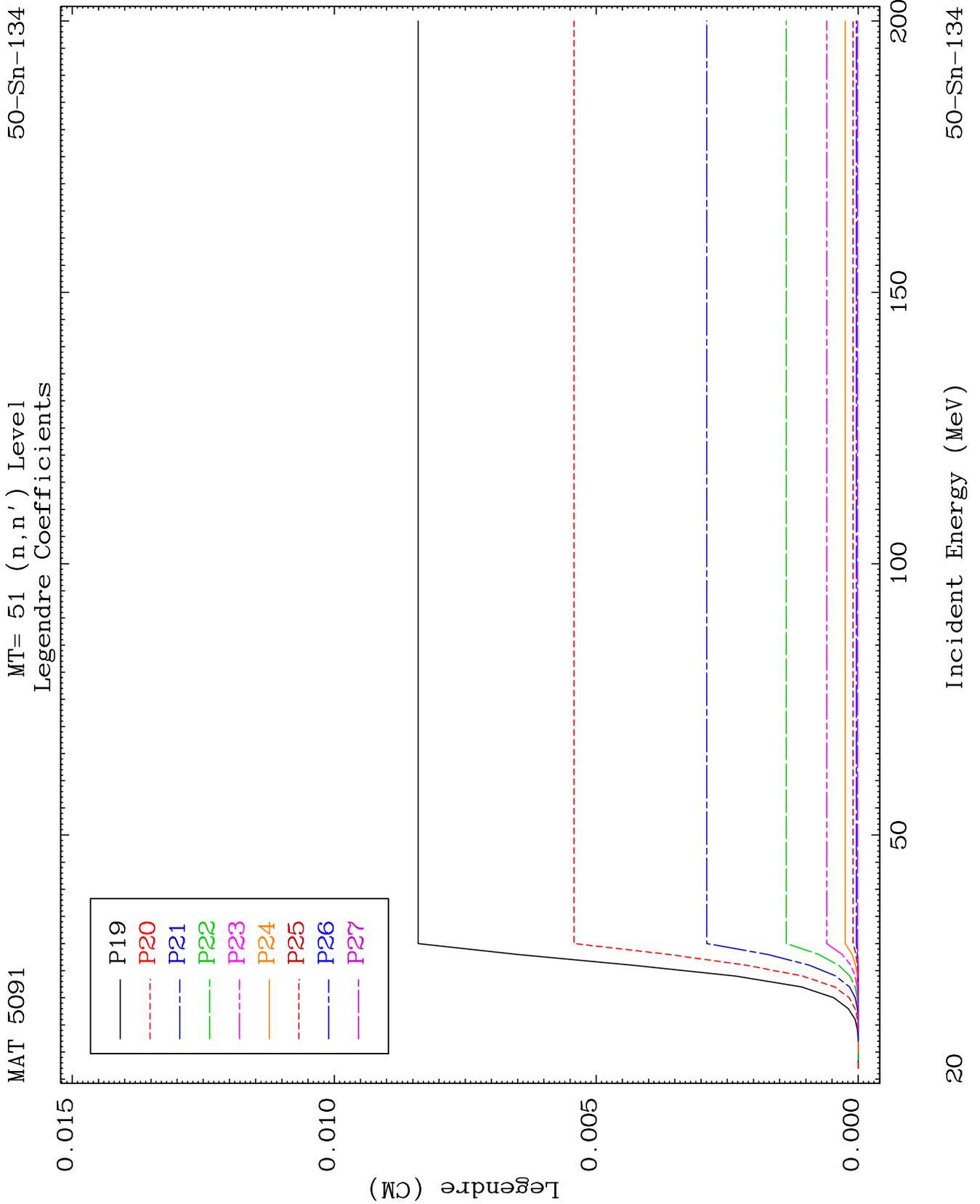
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Incident Energy (MeV)

50-Sn-134



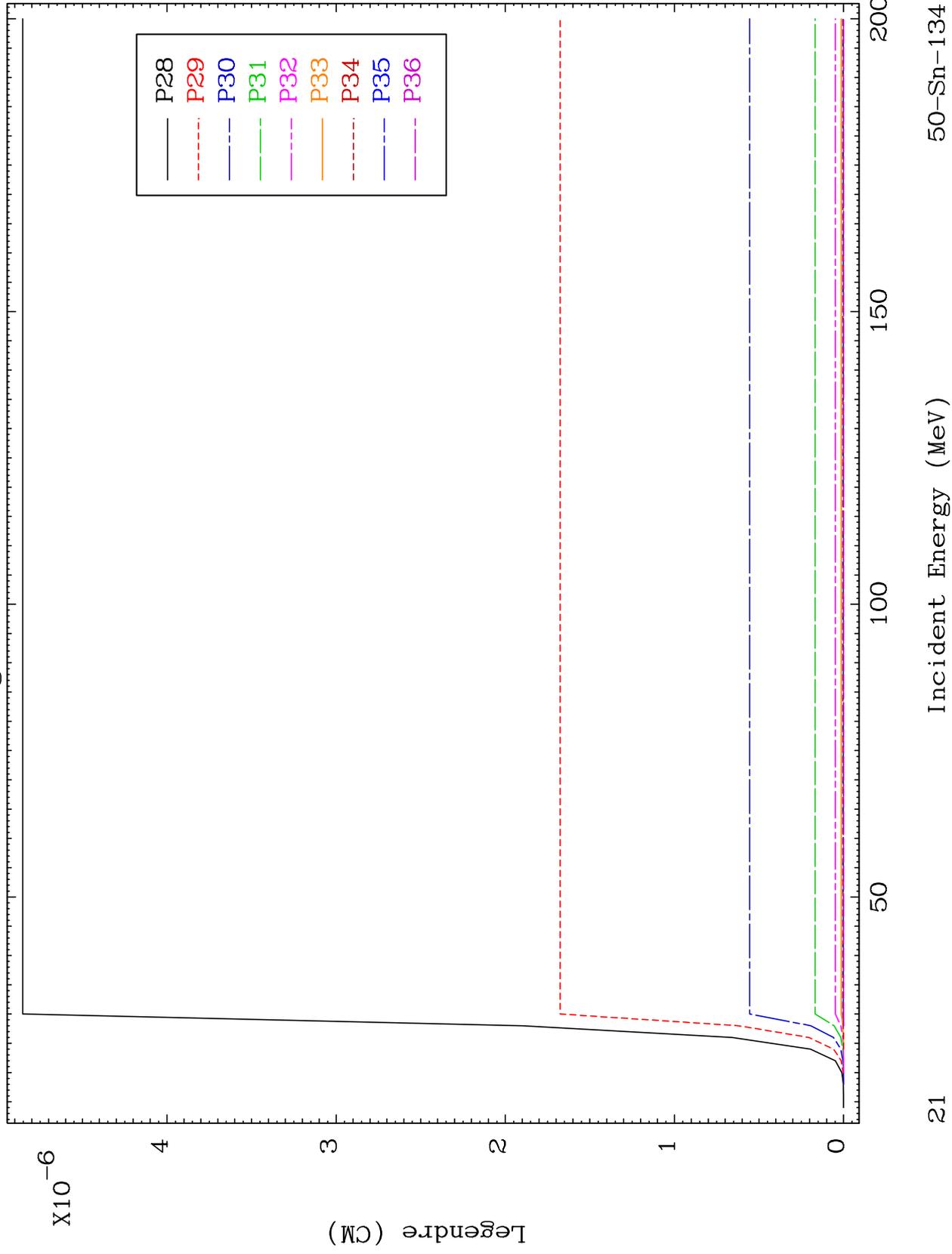




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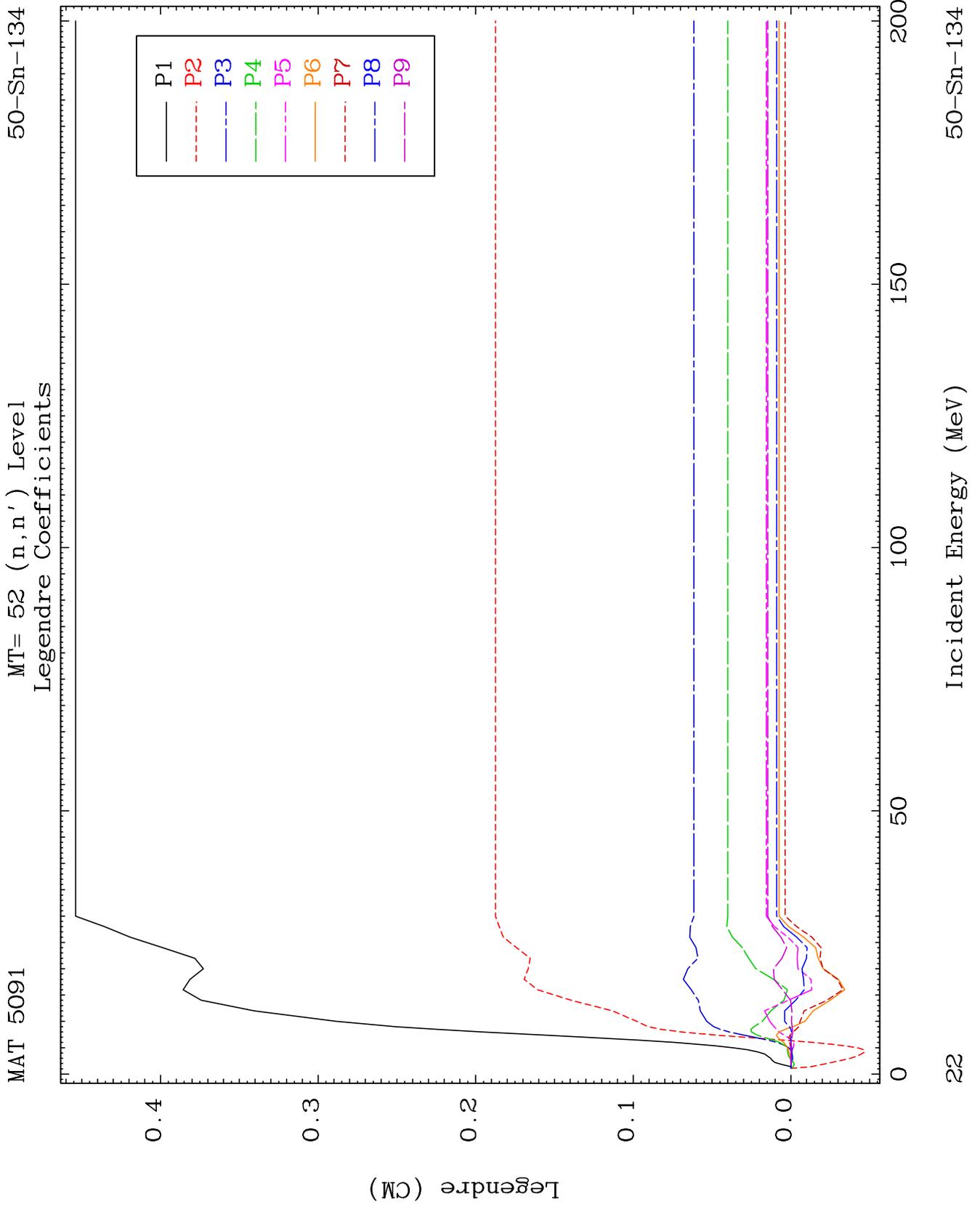
MT= 51 (n,n') Level
Legendre Coefficients

50-Sn-134



21

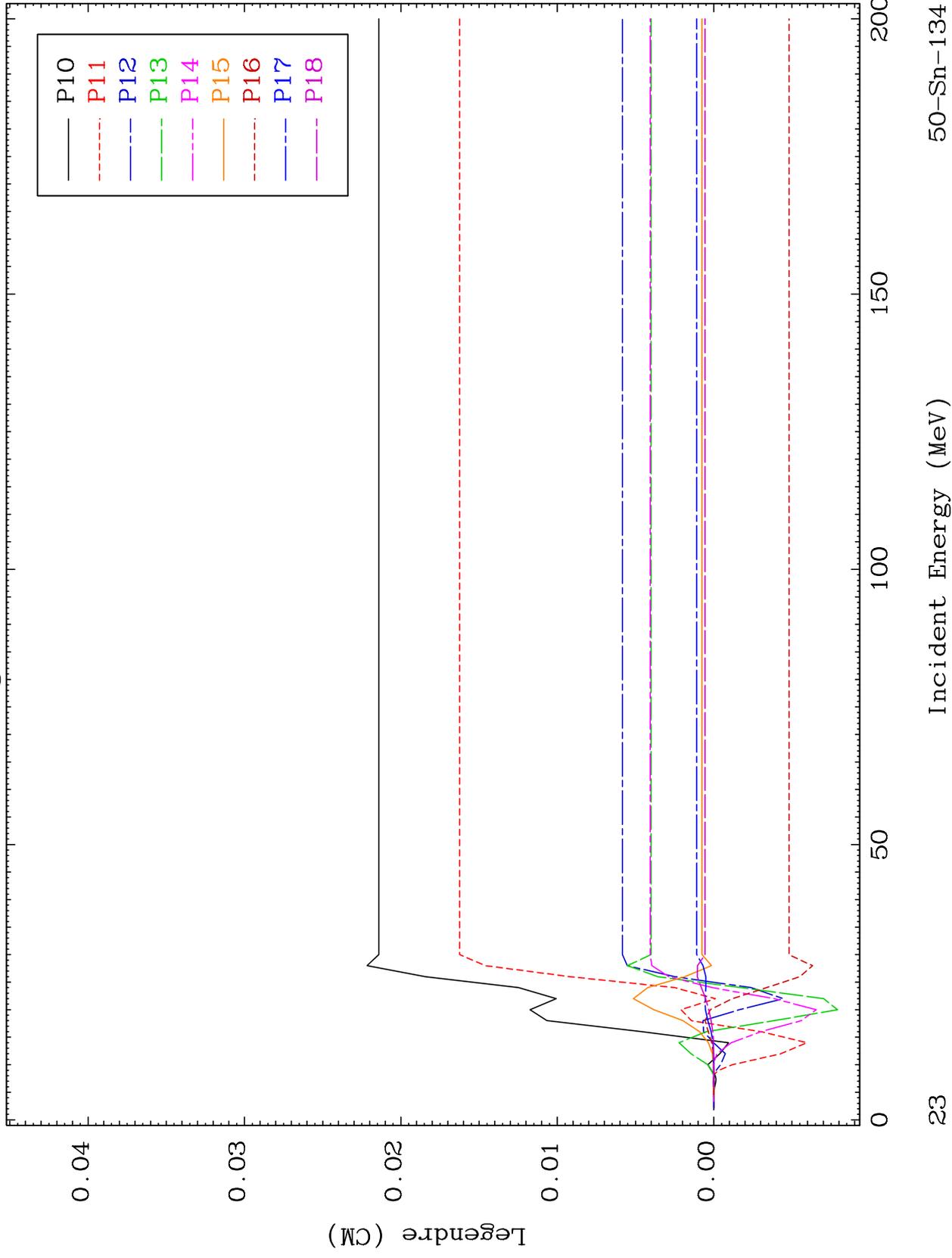
50-Sn-134



MAT 5091

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

50-Sn-134



23

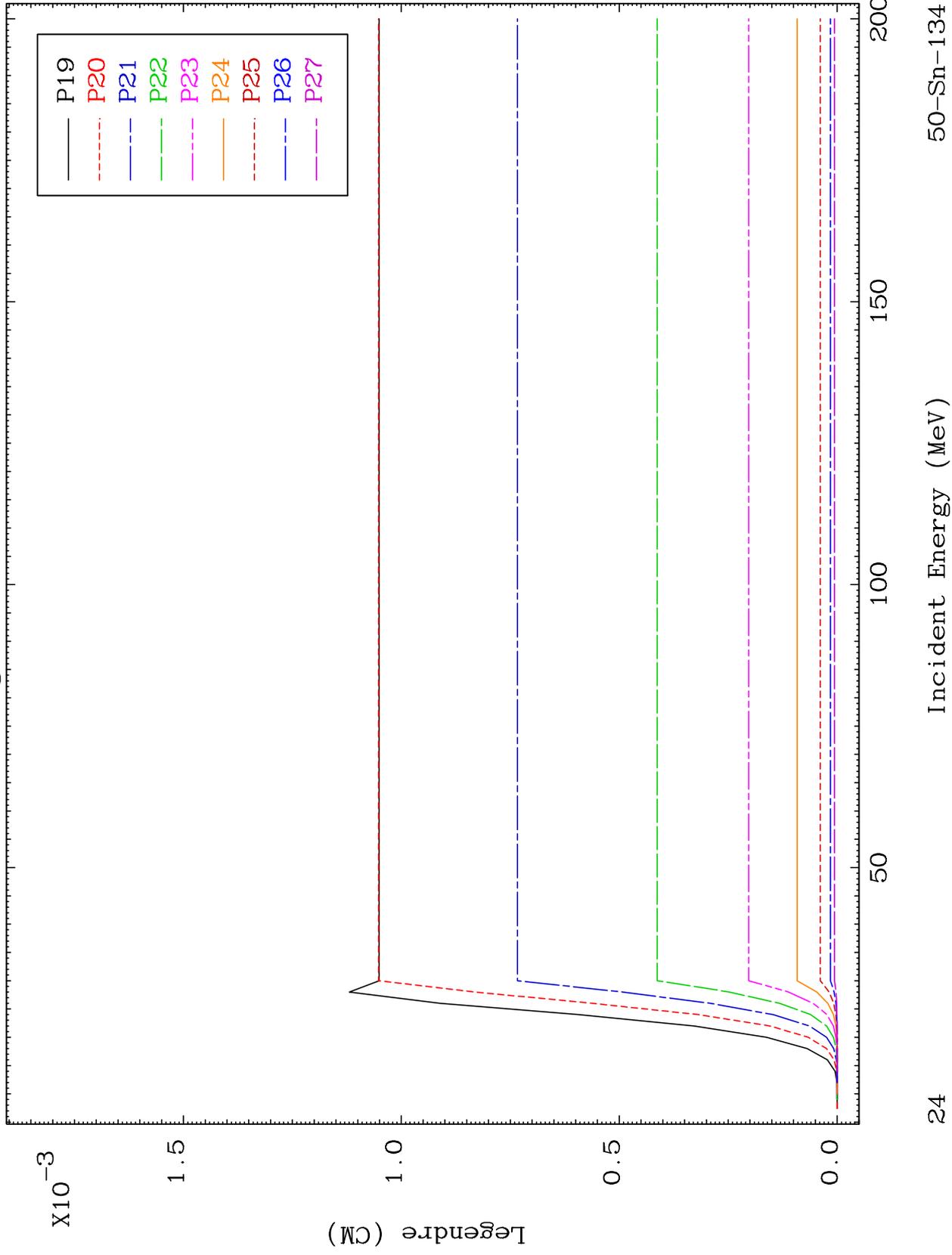
Incident Energy (MeV)

50-Sn-134

MAT 5091

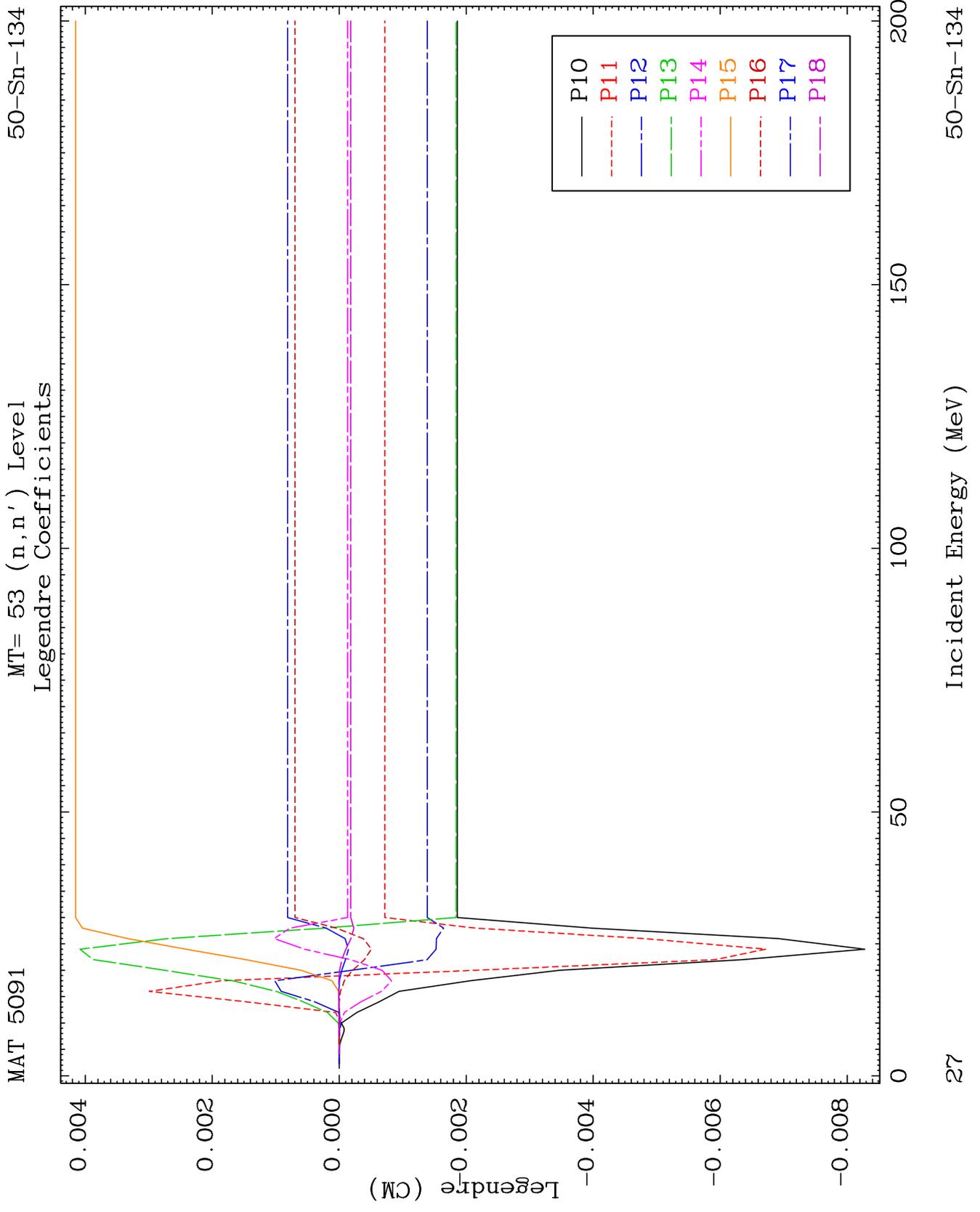
MT= 52 (n,n') Level
Legendre Coefficients

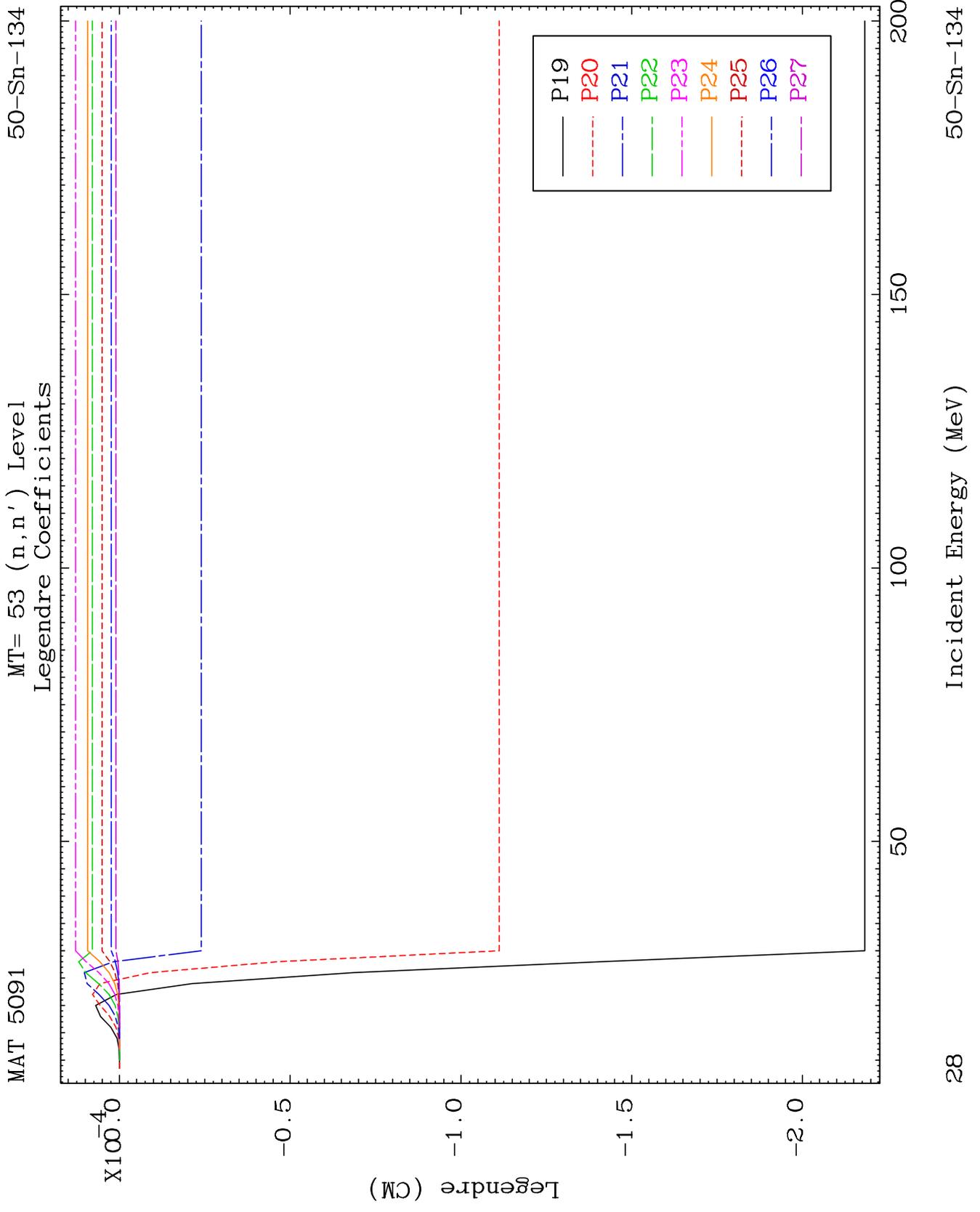
50-Sn-134



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50-Sn-134

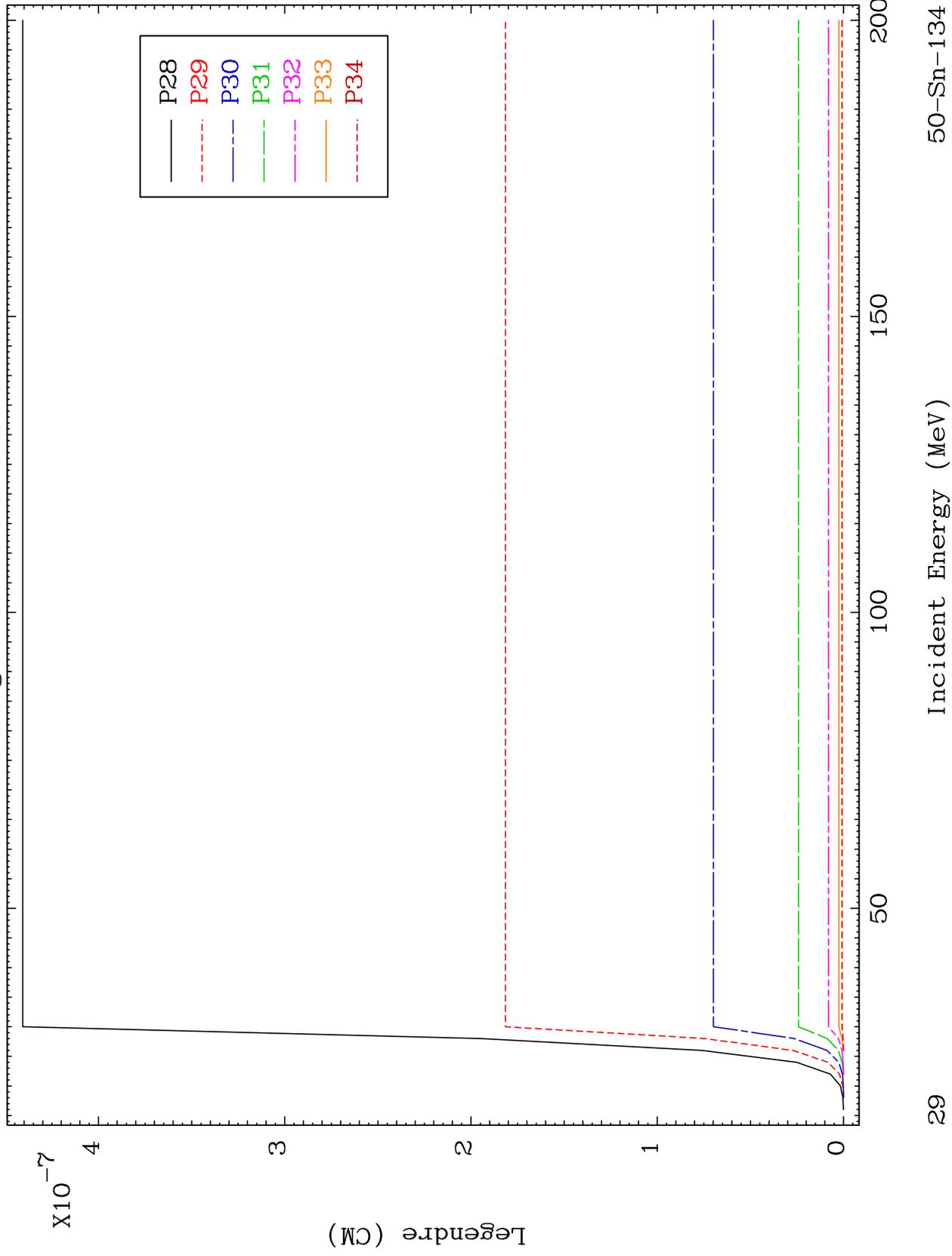




MAT 5091

MT= 53 (n,n') Level
Legendre Coefficients

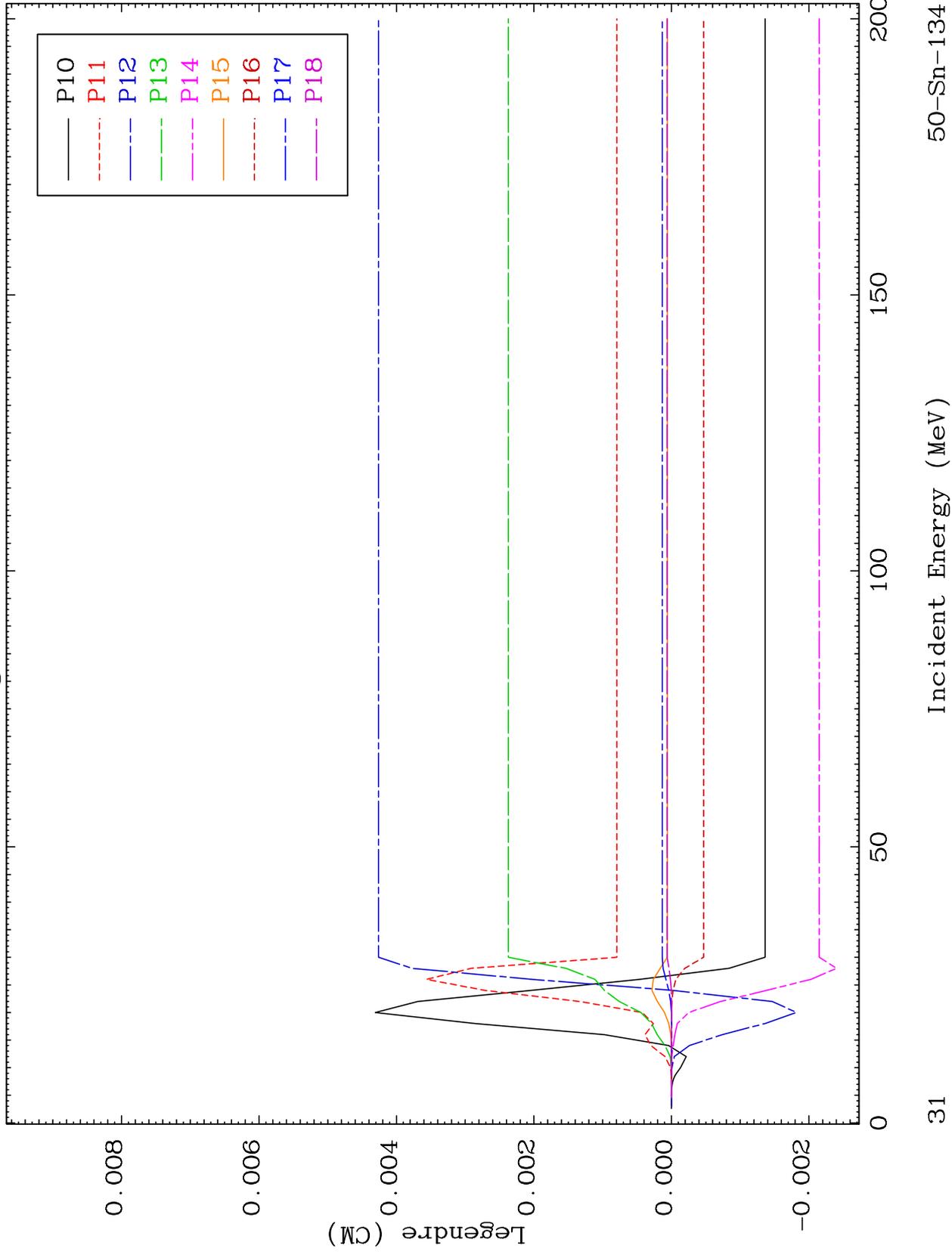
50-Sn-134



MAT 5091

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

50-Sn-134



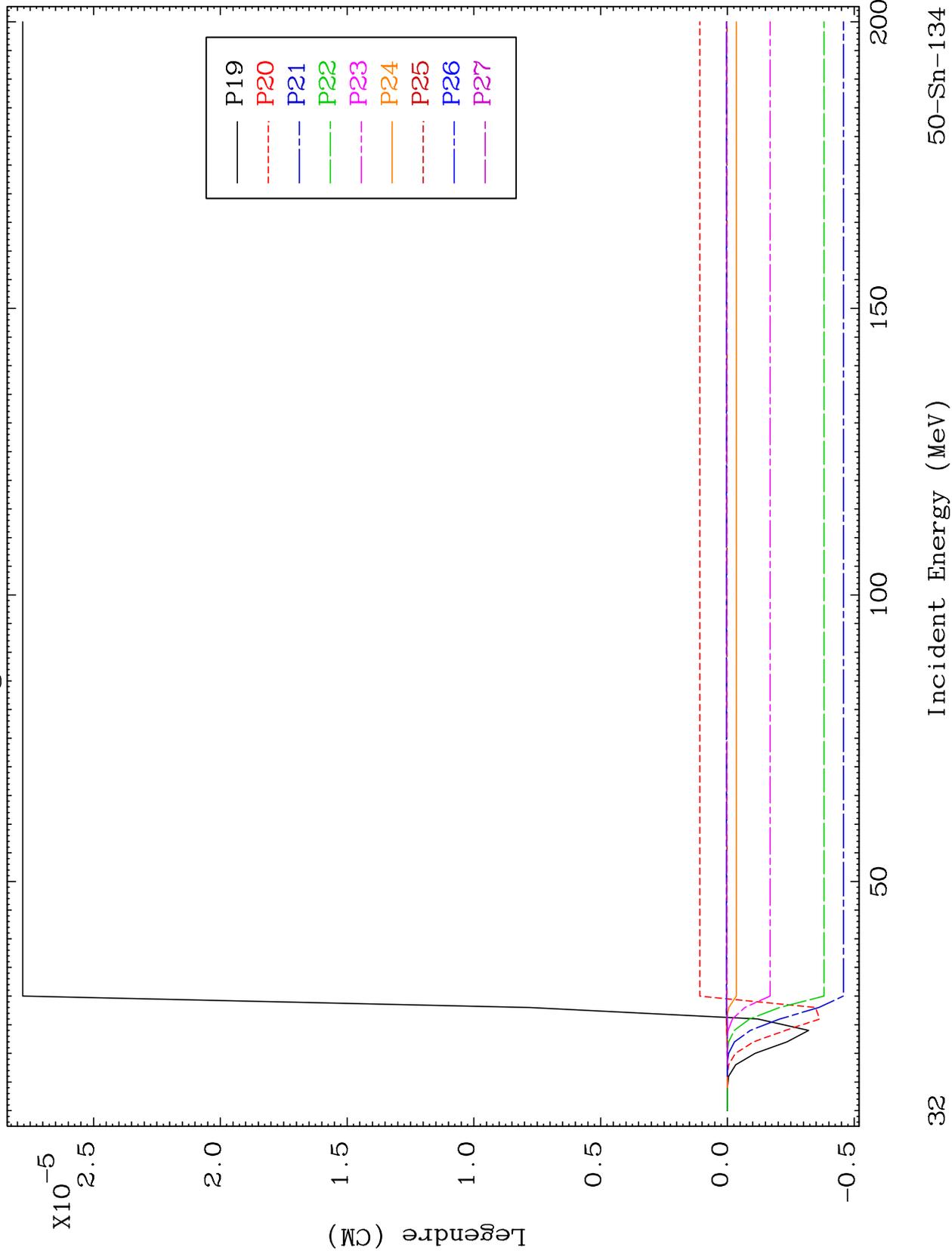
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50-Sn-134

MAT 5091

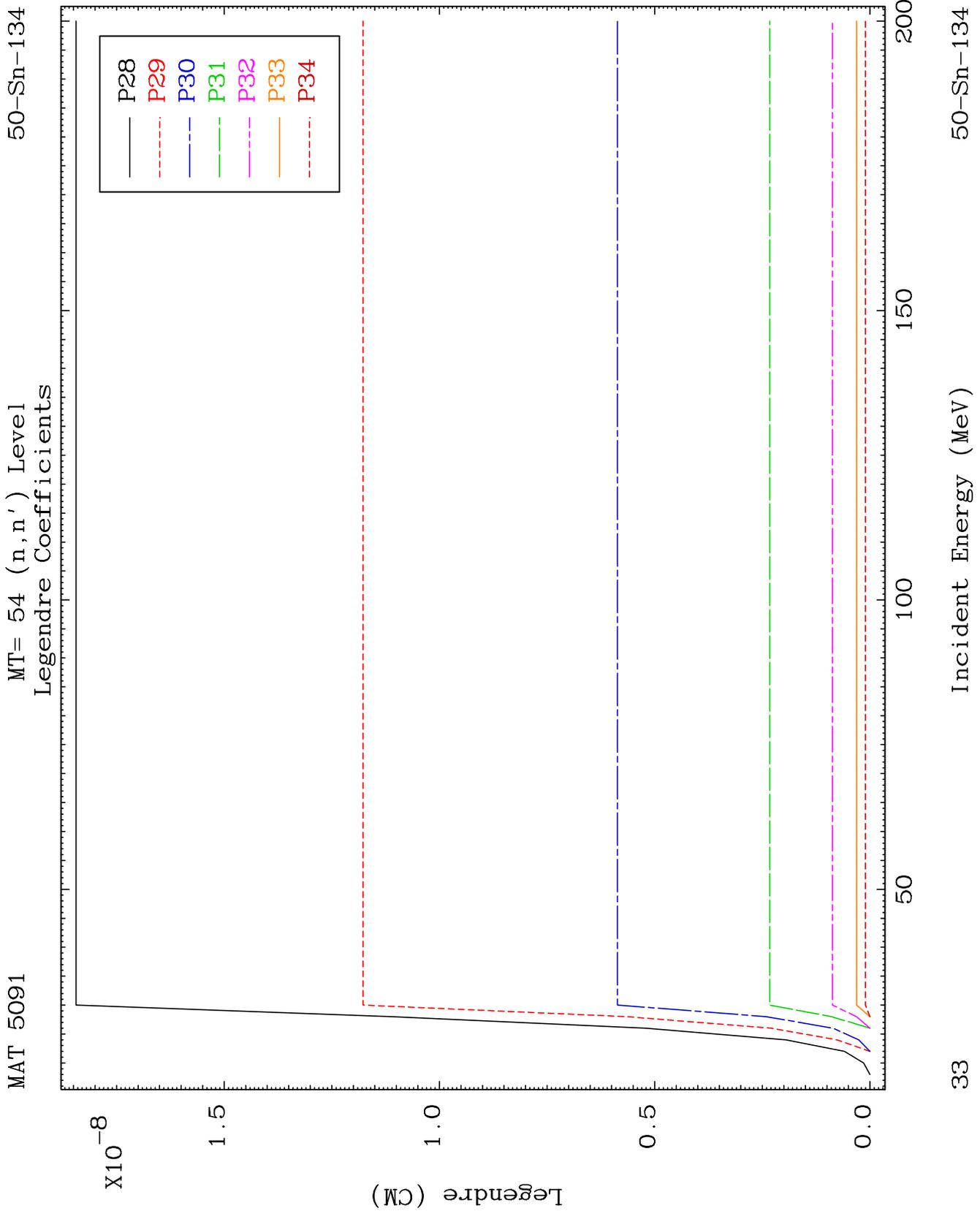
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Legendre Coefficients

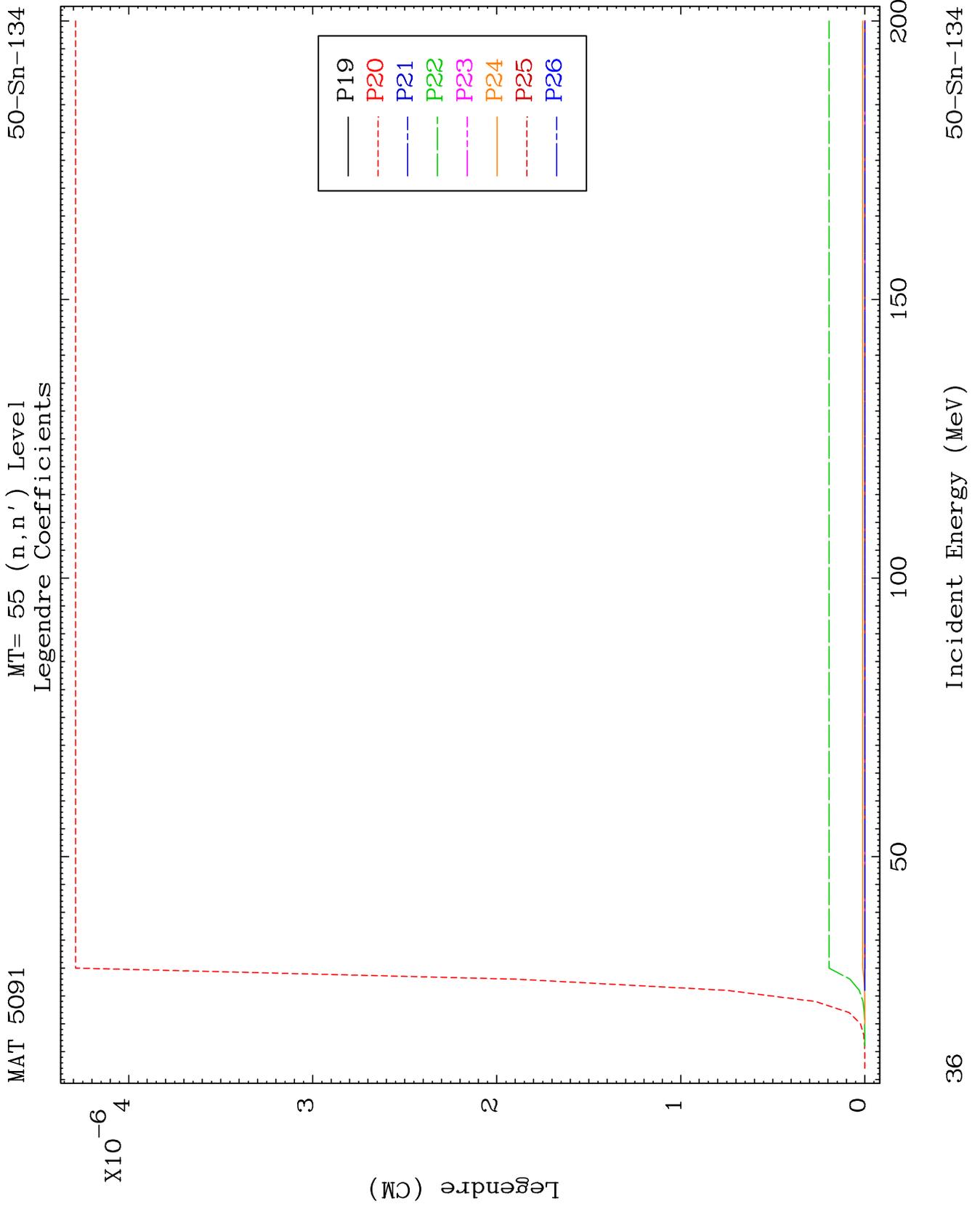
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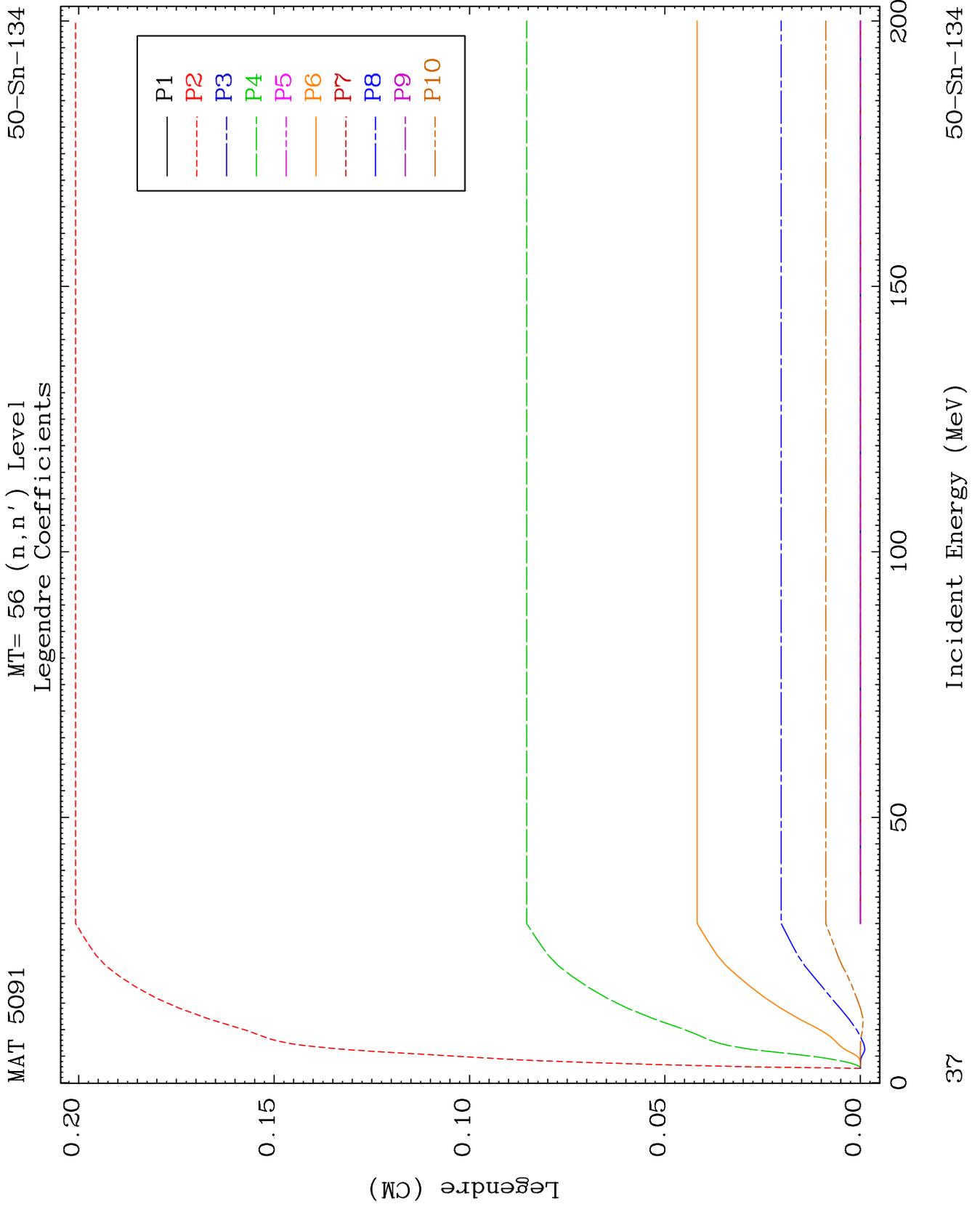


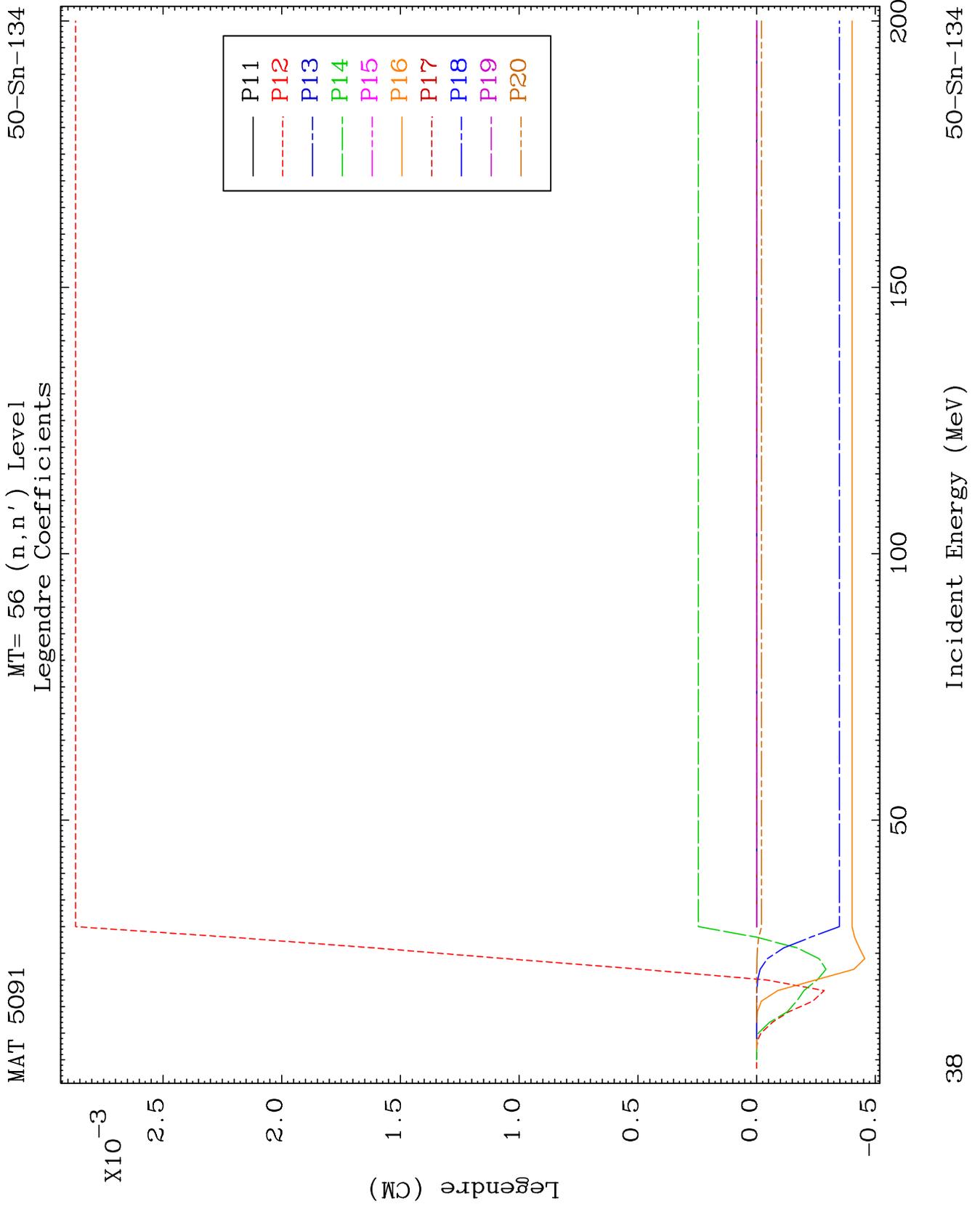
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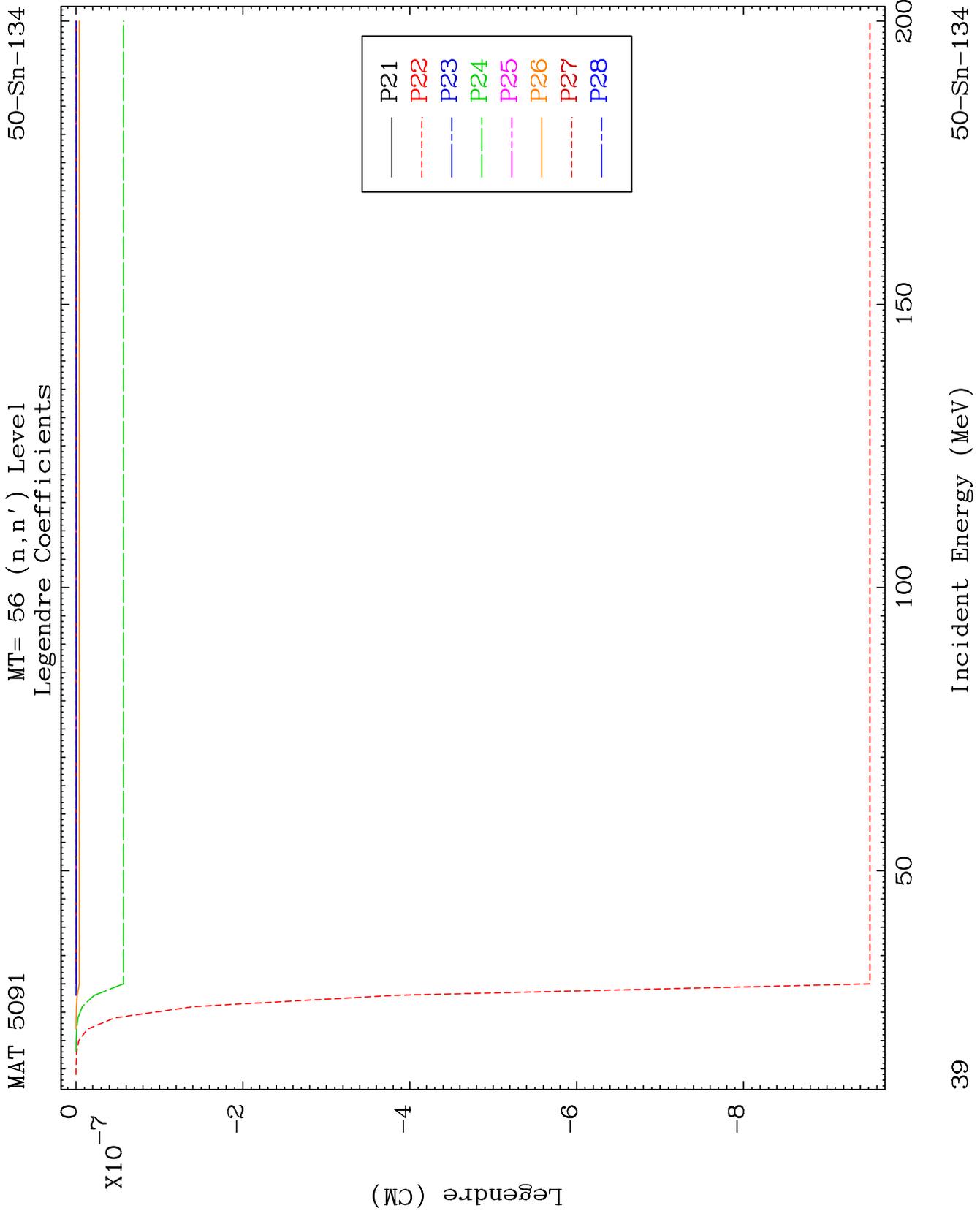
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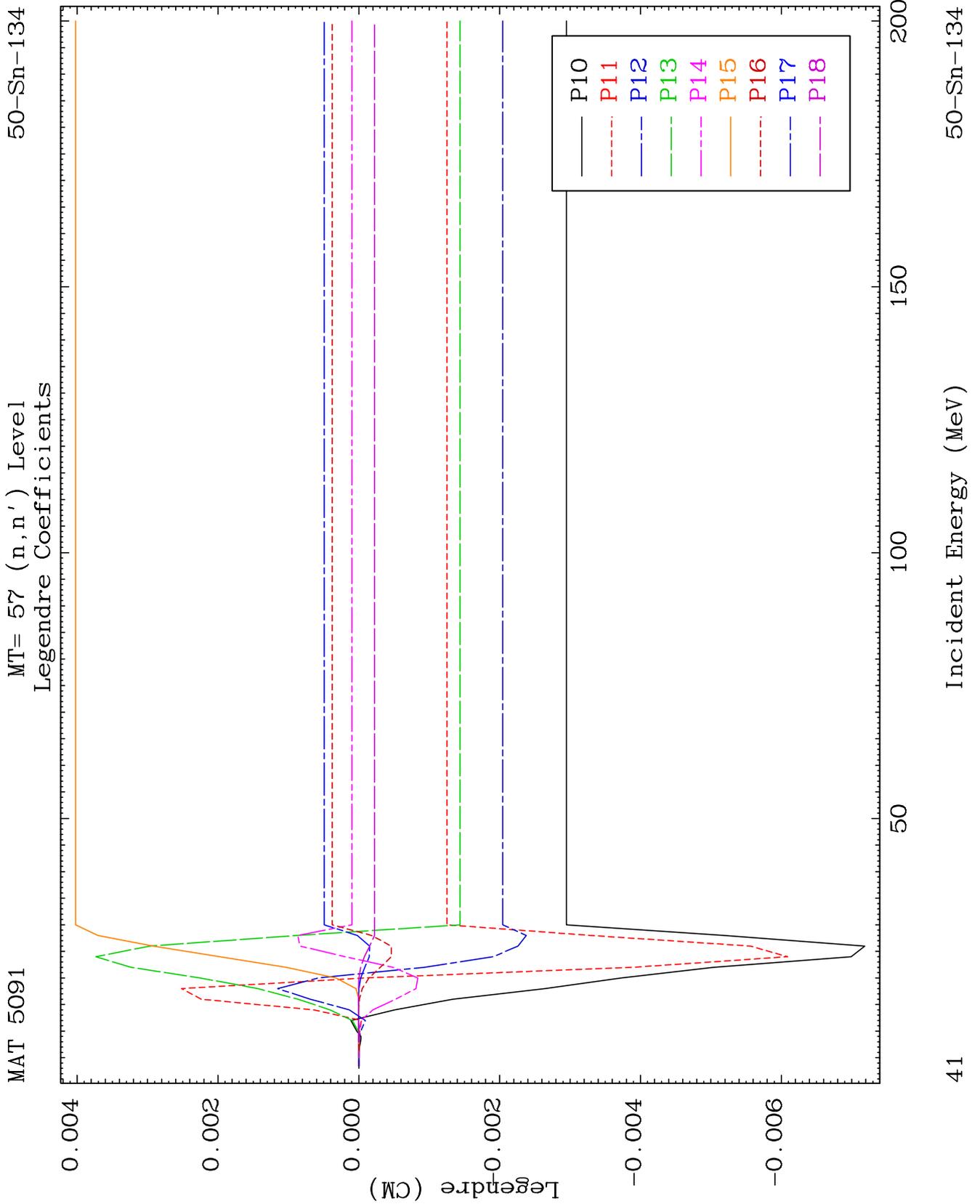


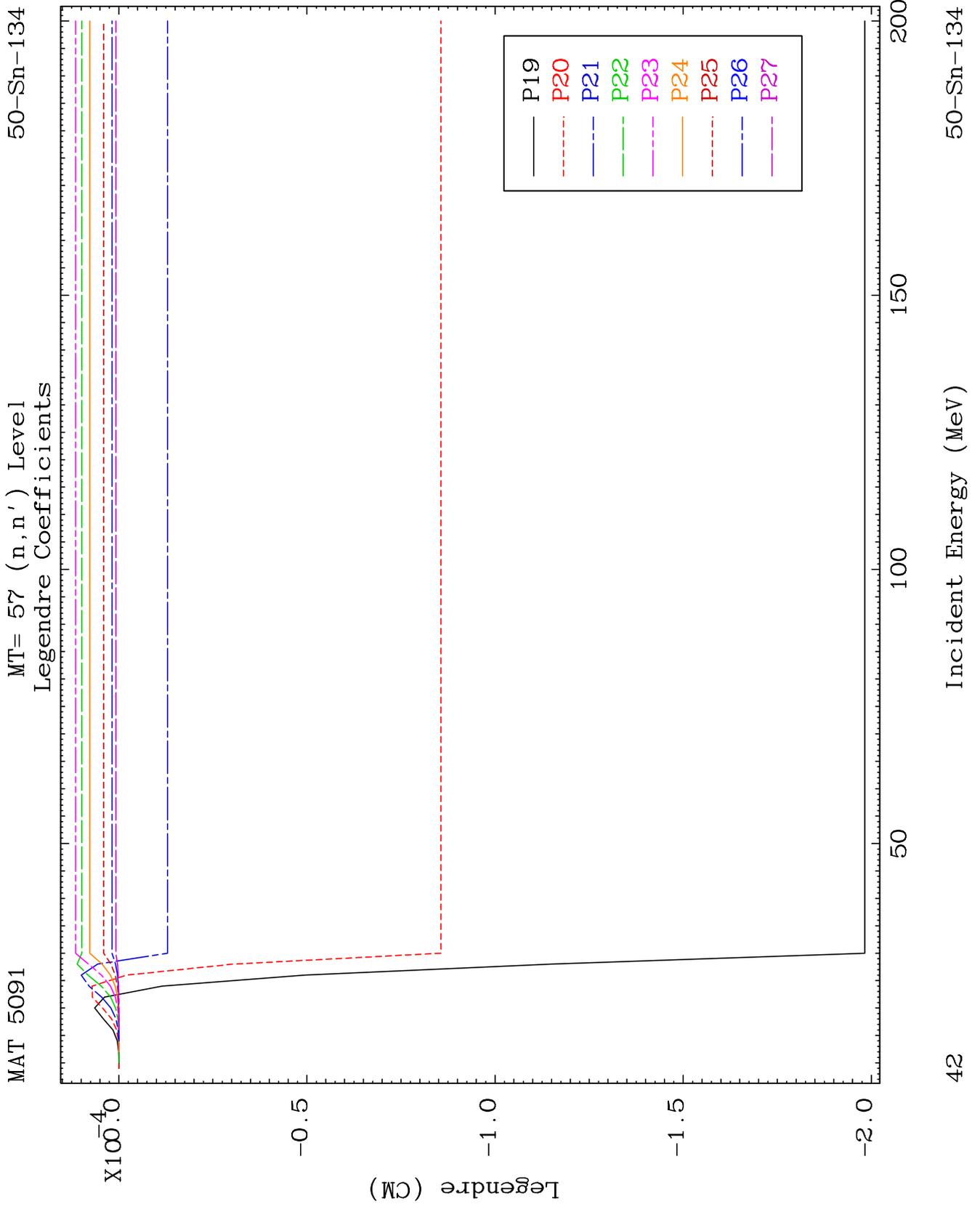








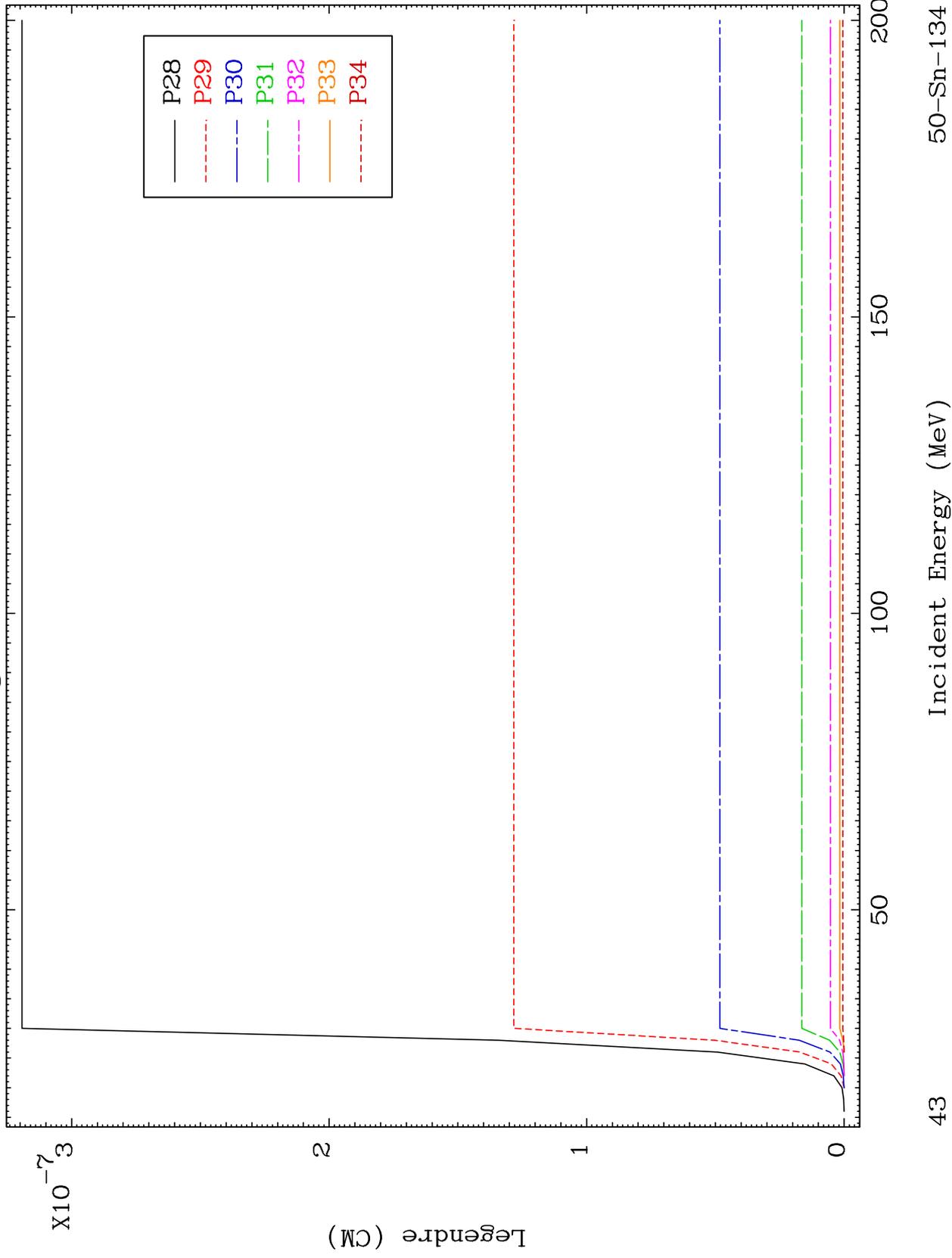


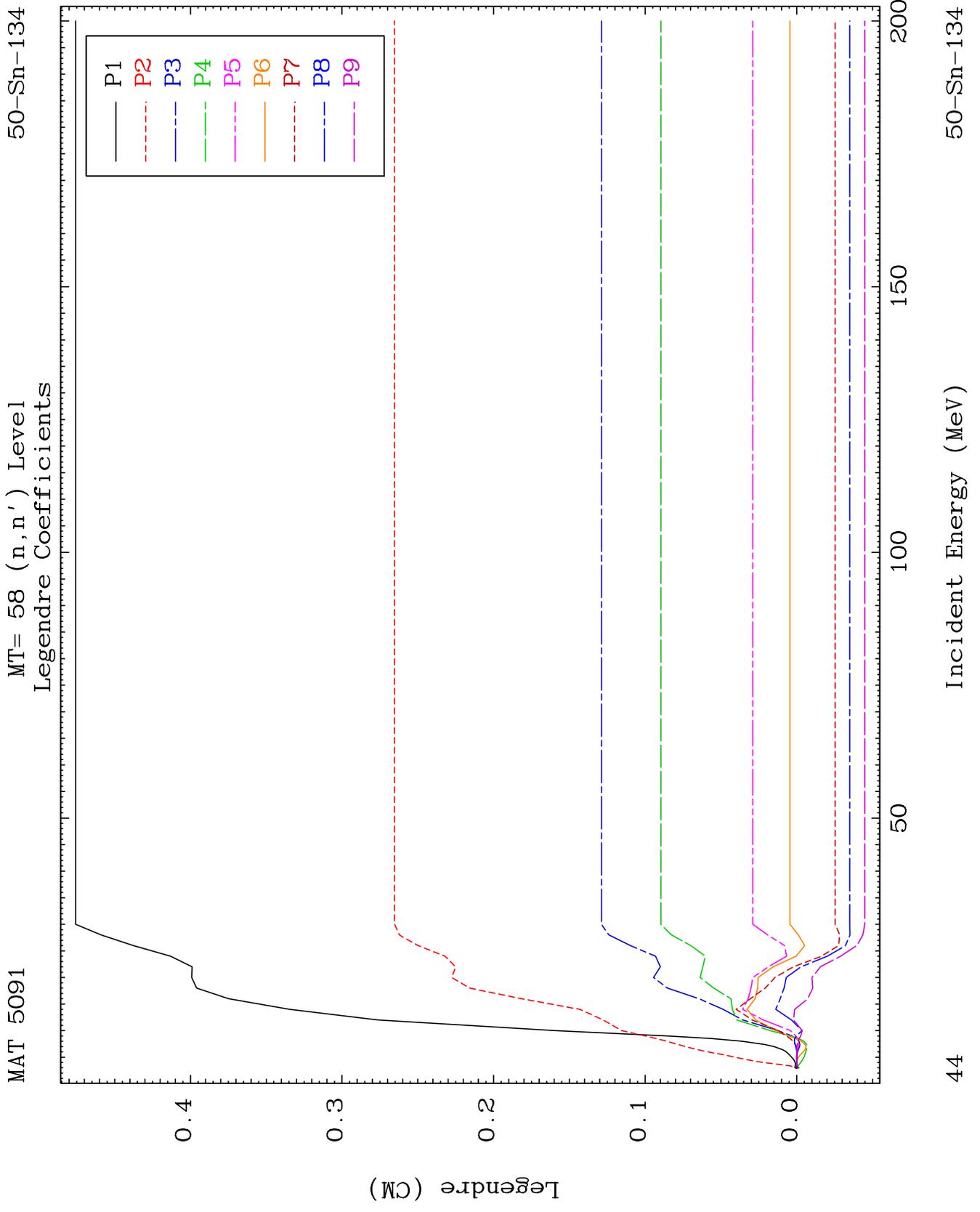


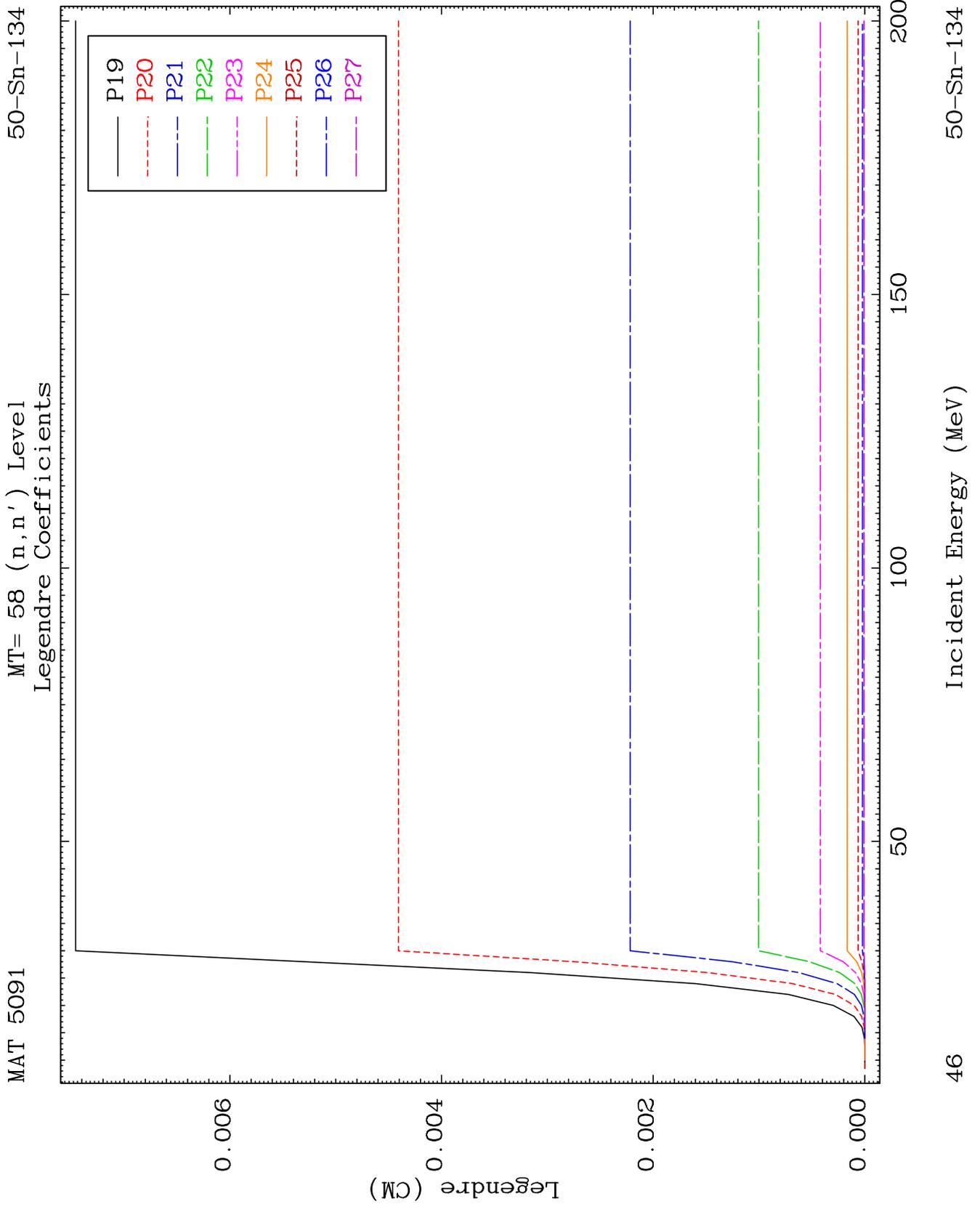
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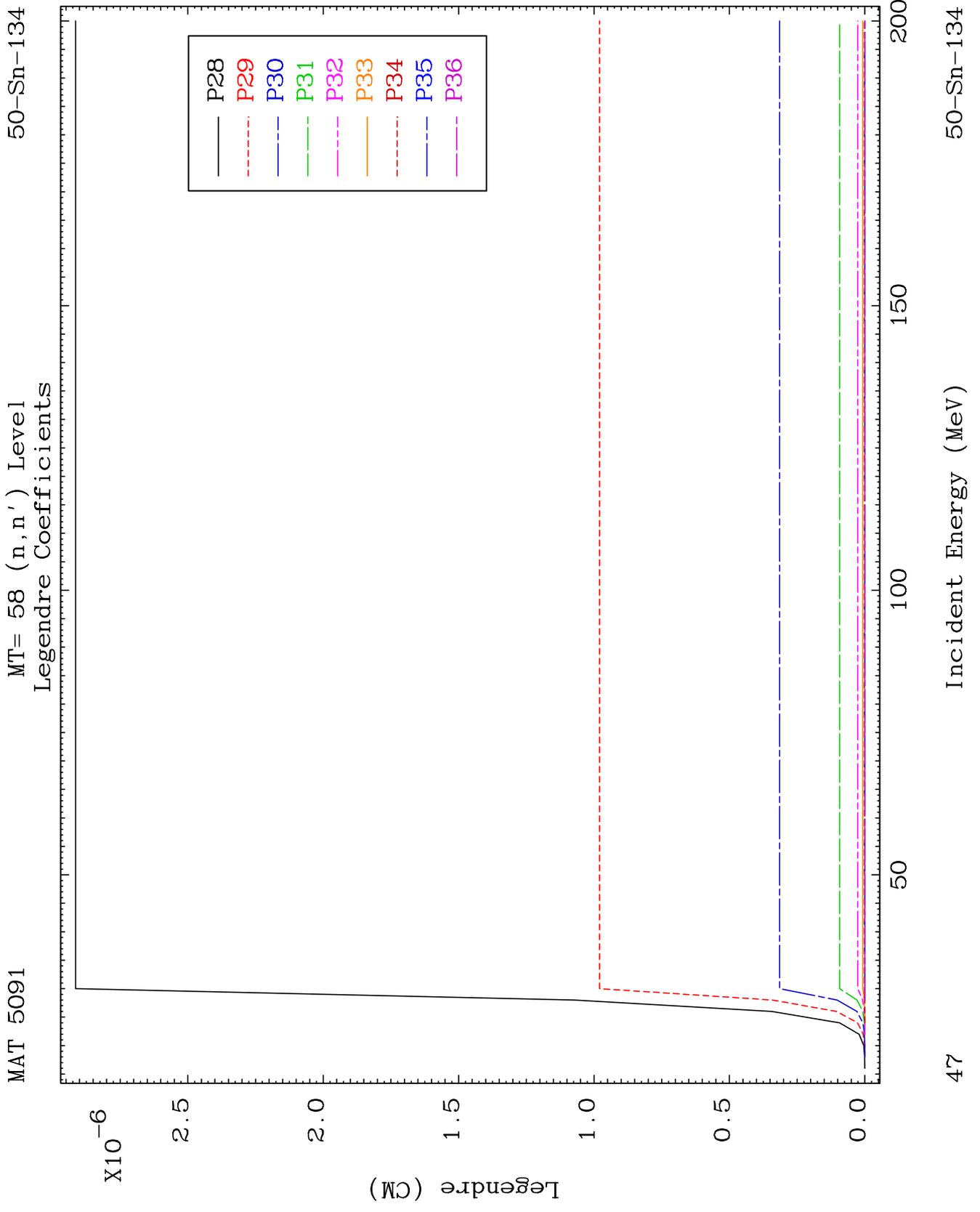
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Legendre Coefficients

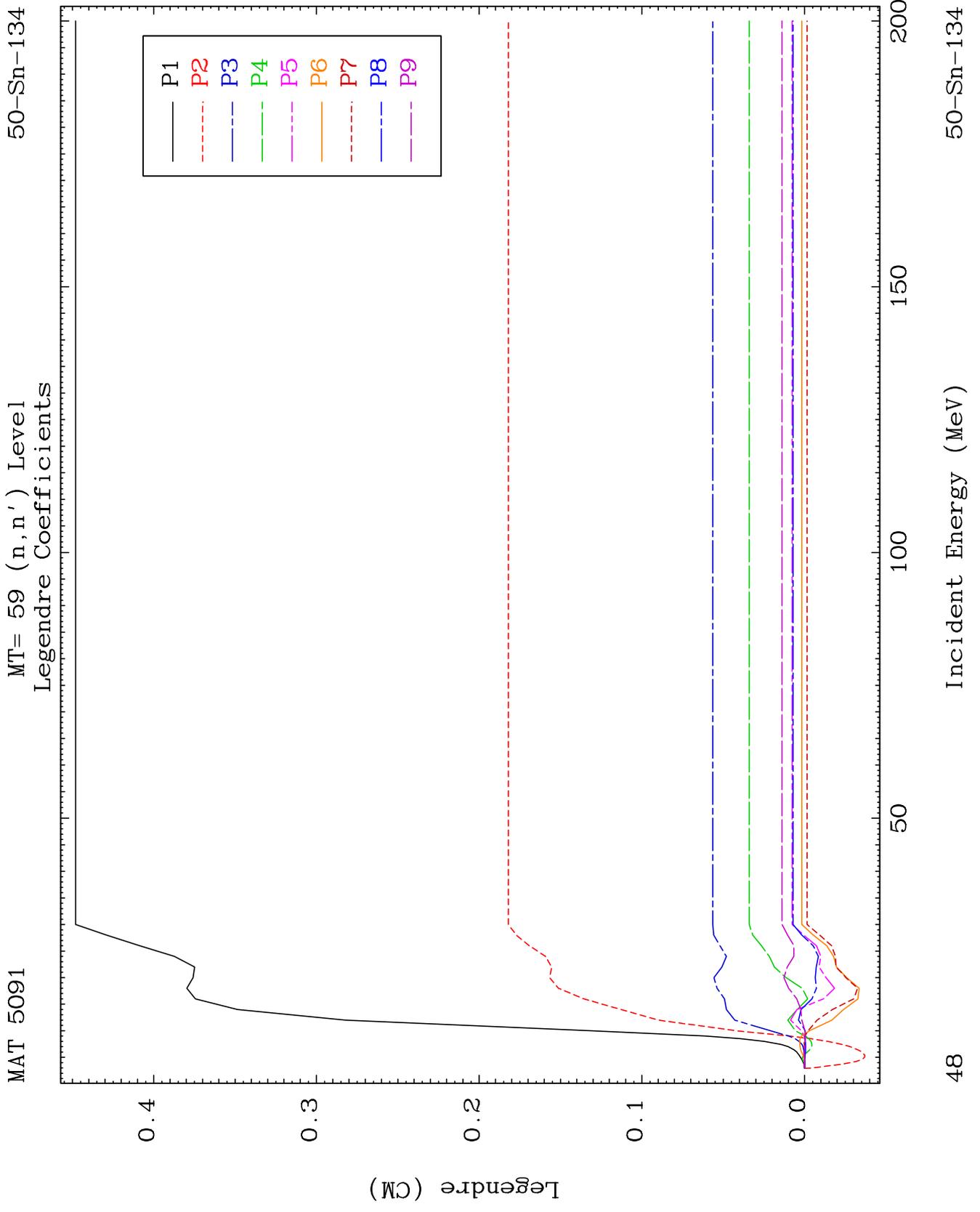
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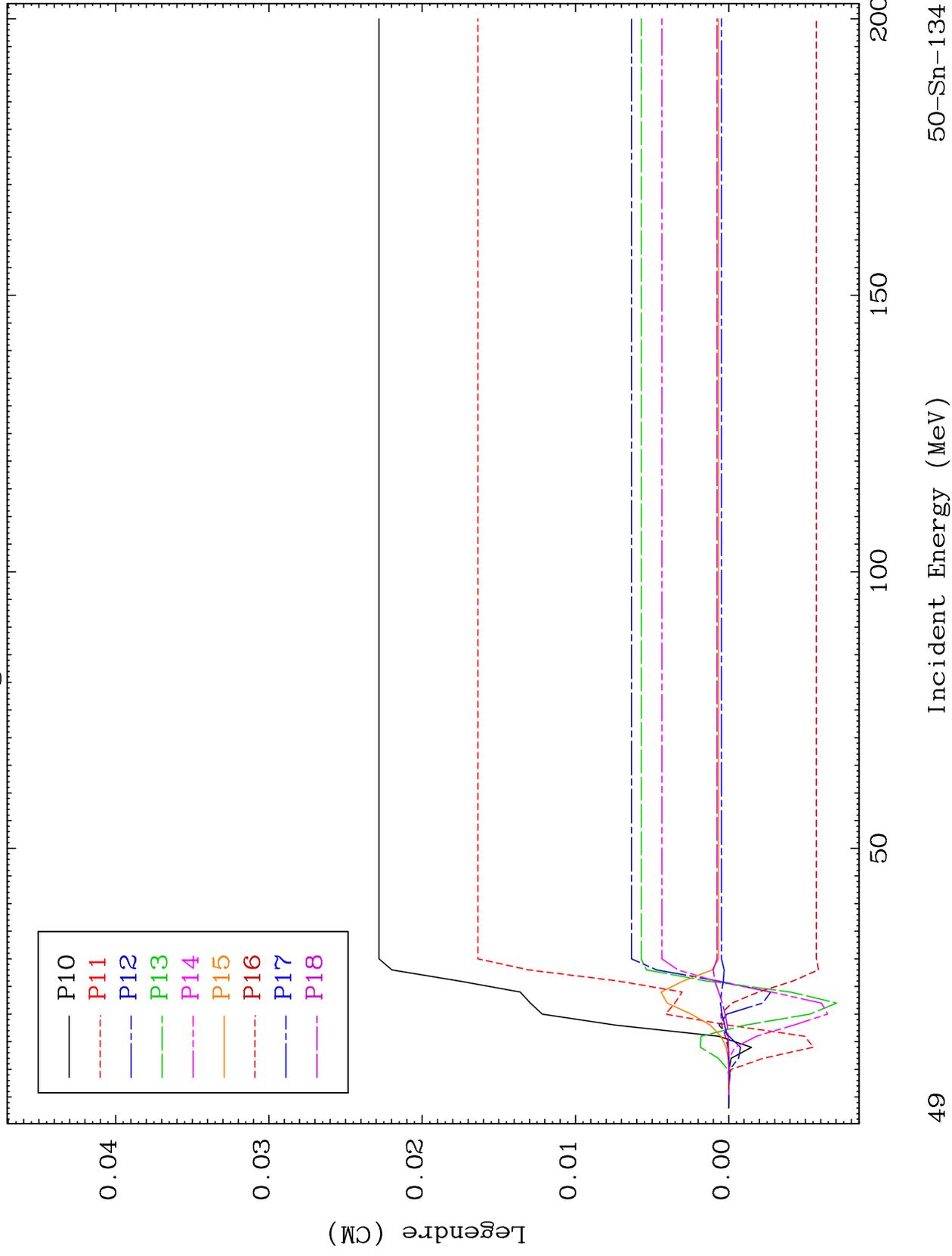




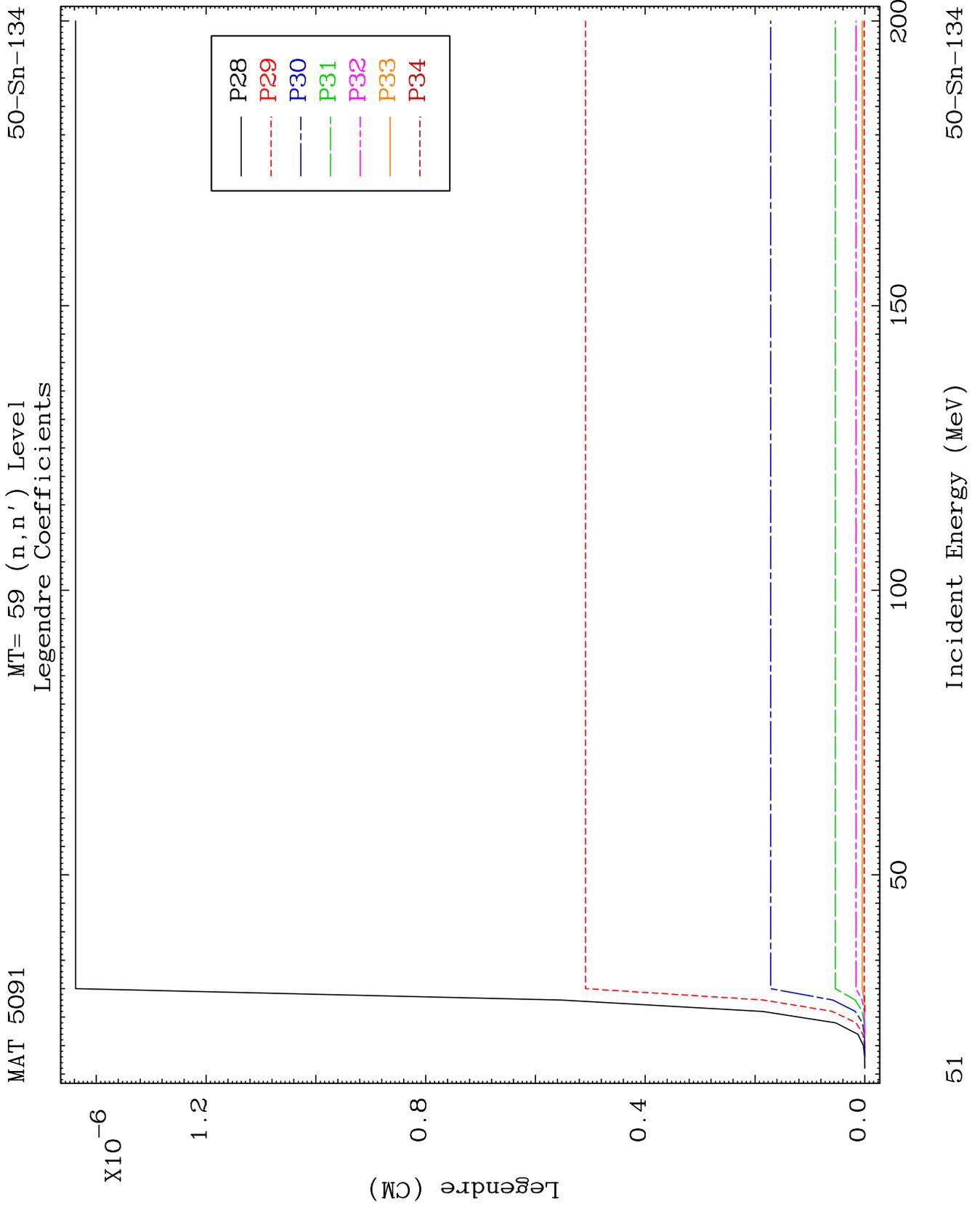
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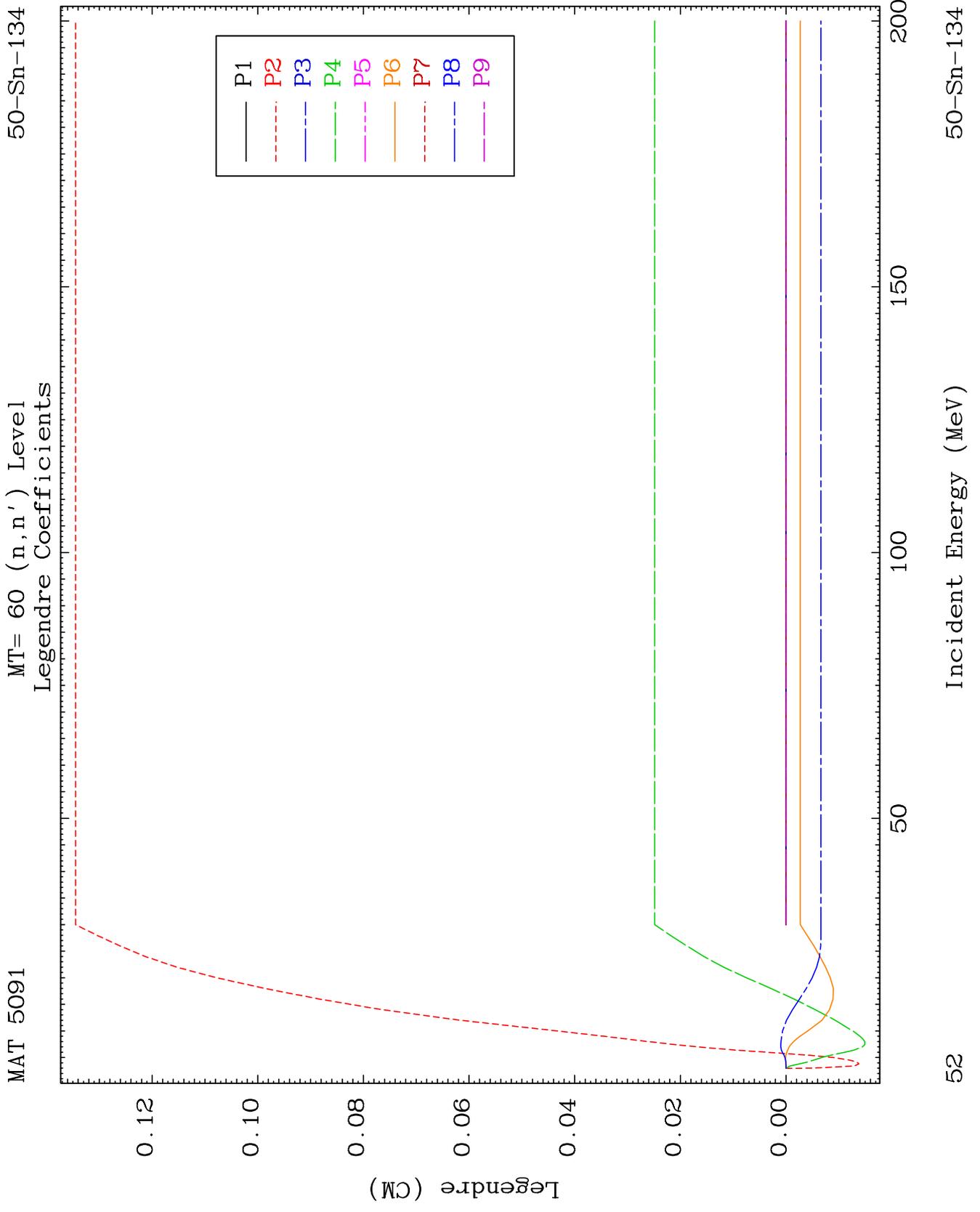
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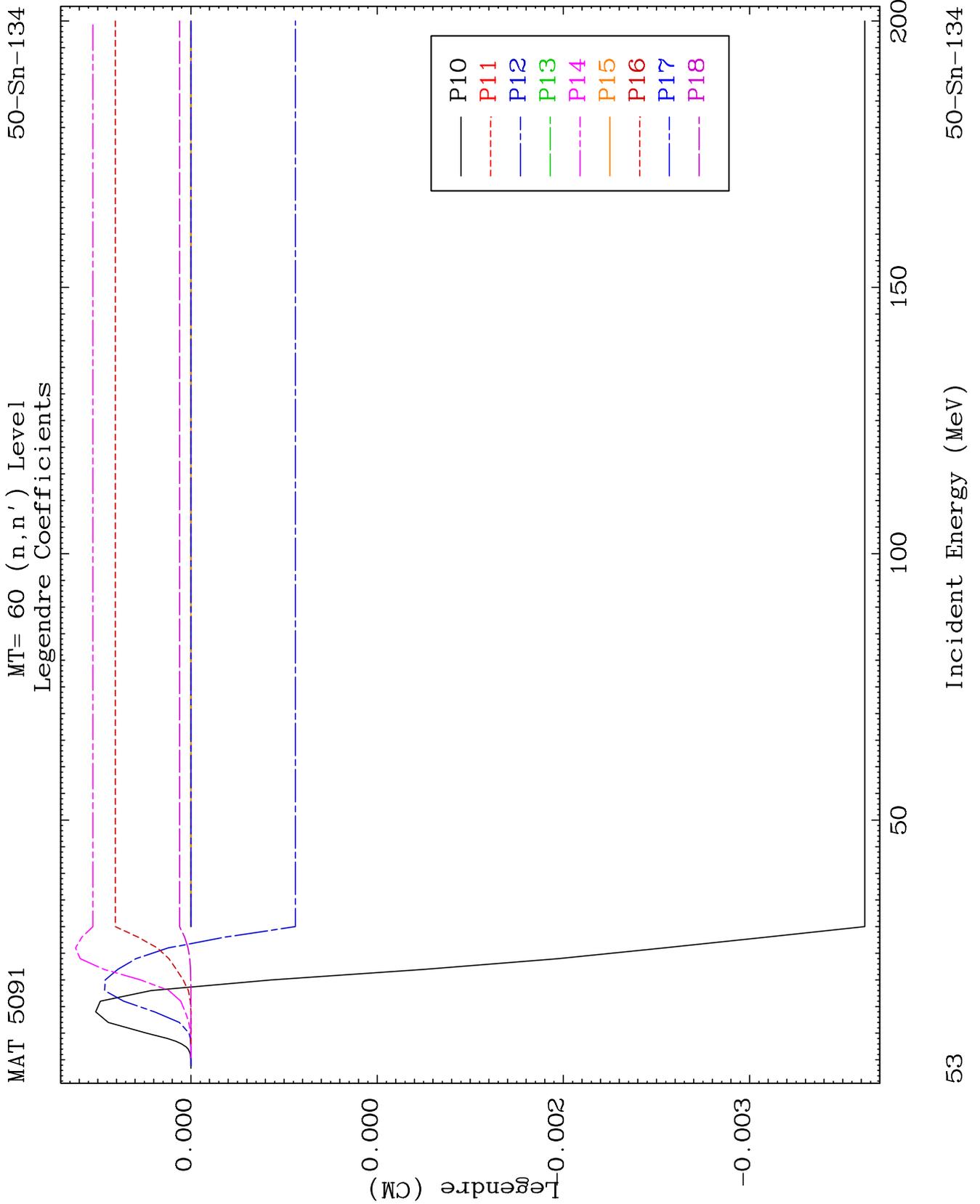
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Legendre Coefficients

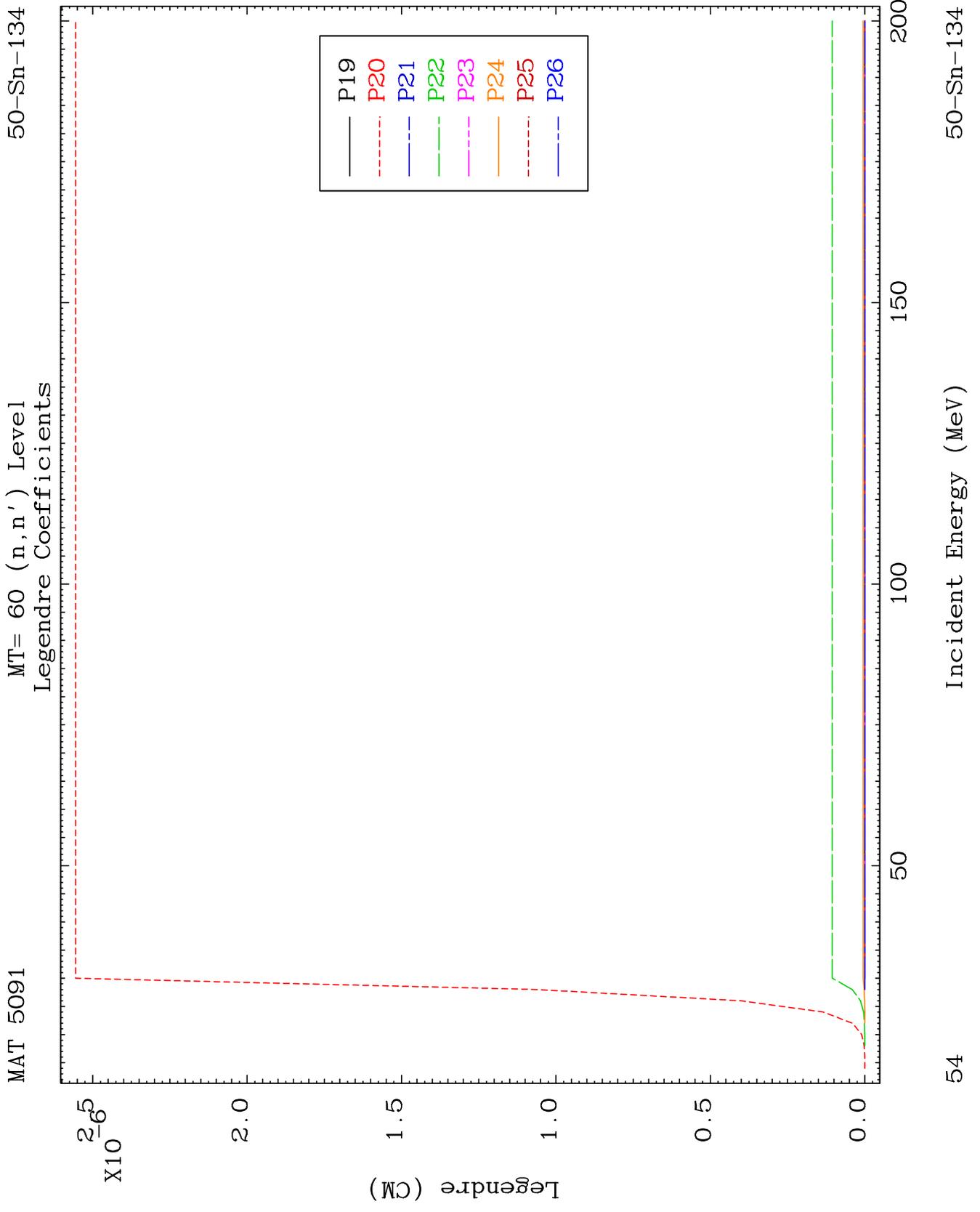


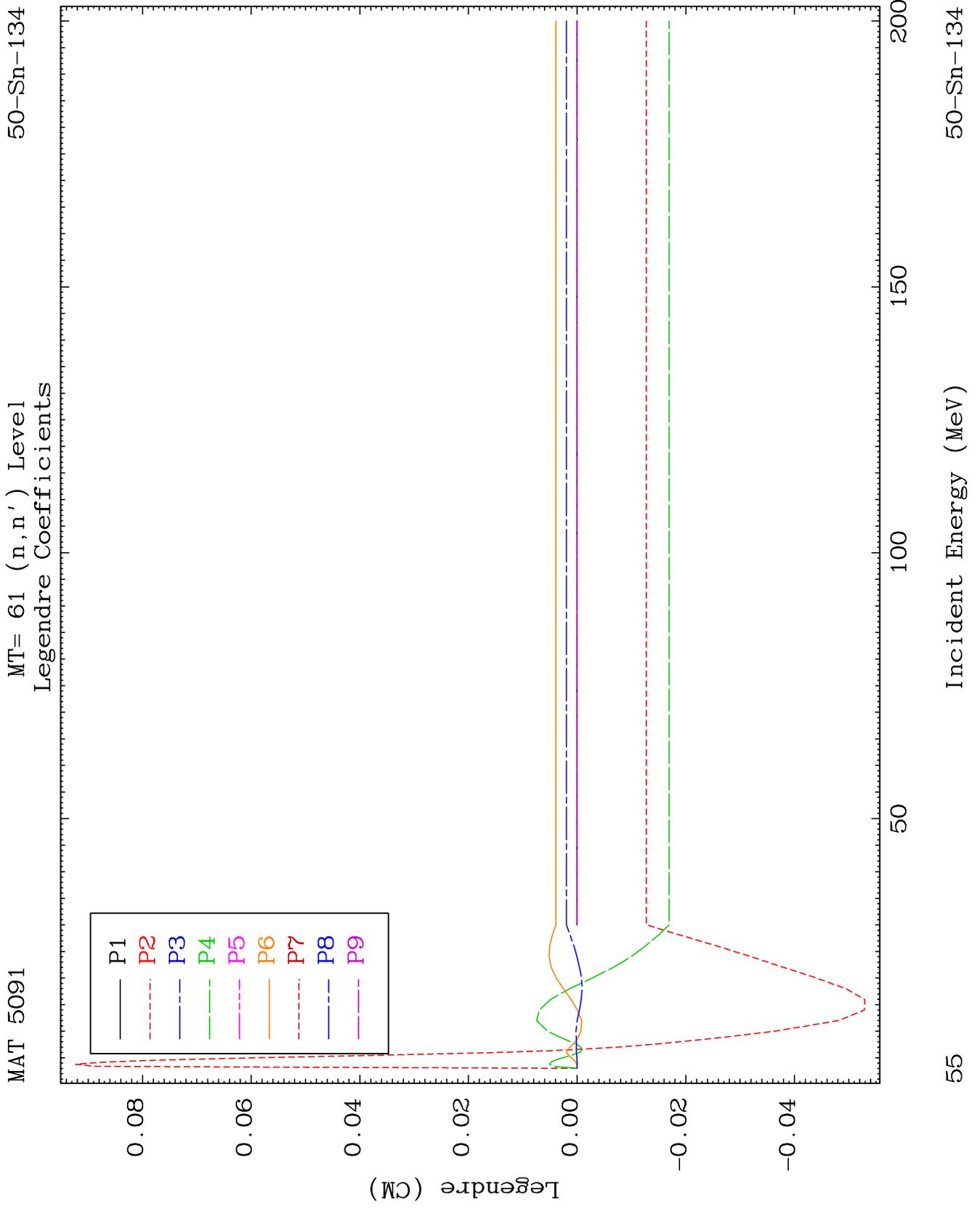
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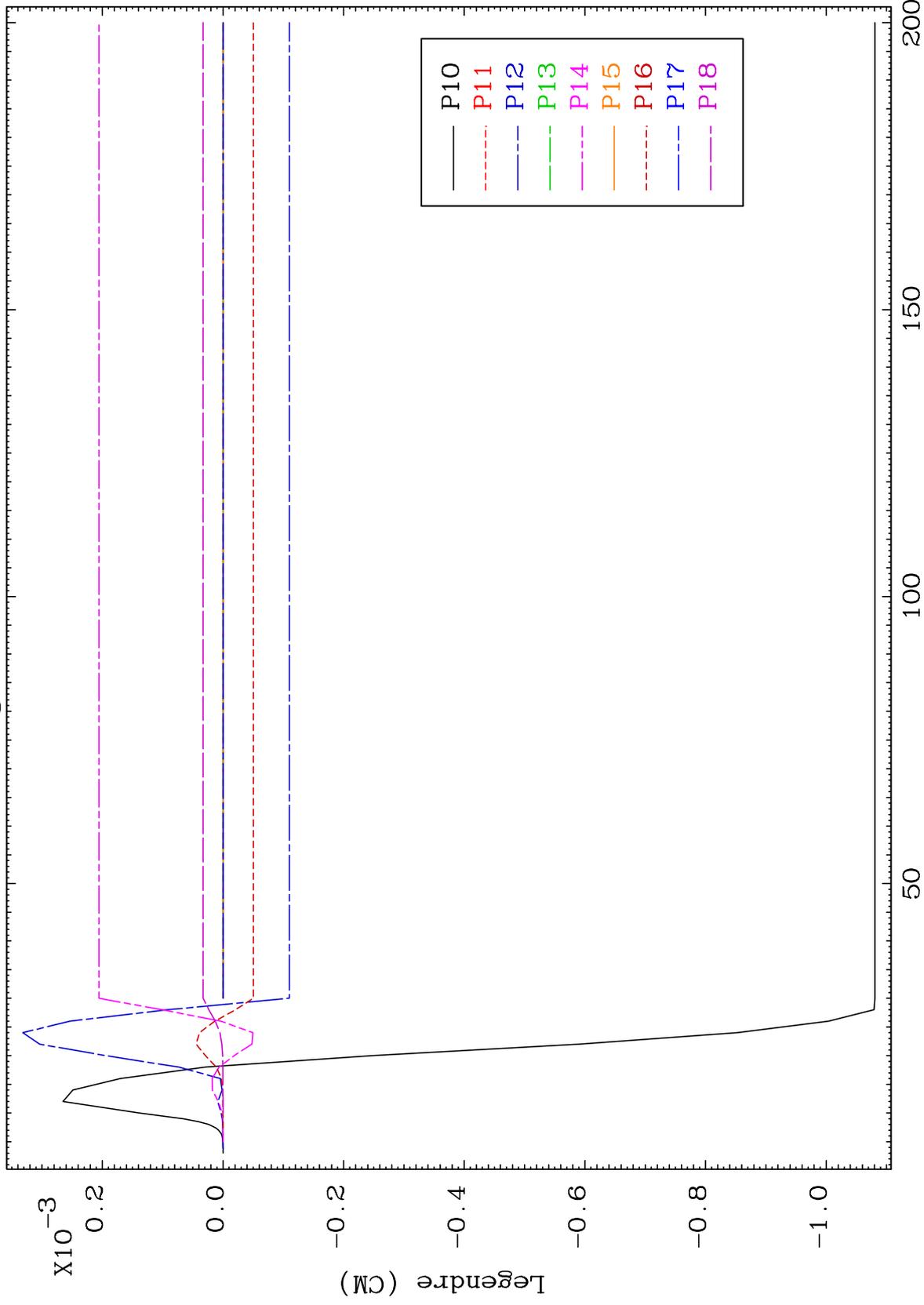




MAT 5091

MT= 61 (n,n') Level
Legendre Coefficients

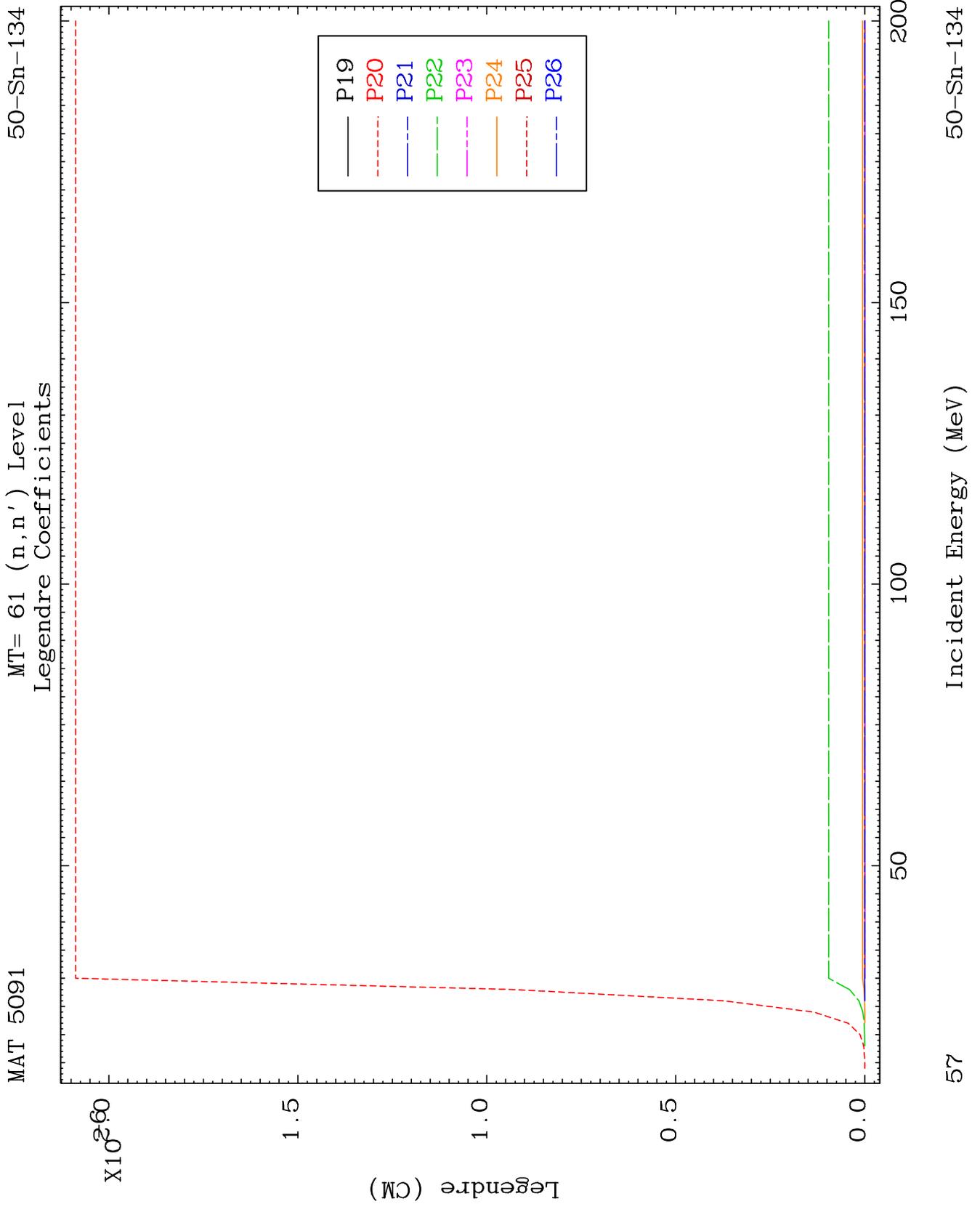
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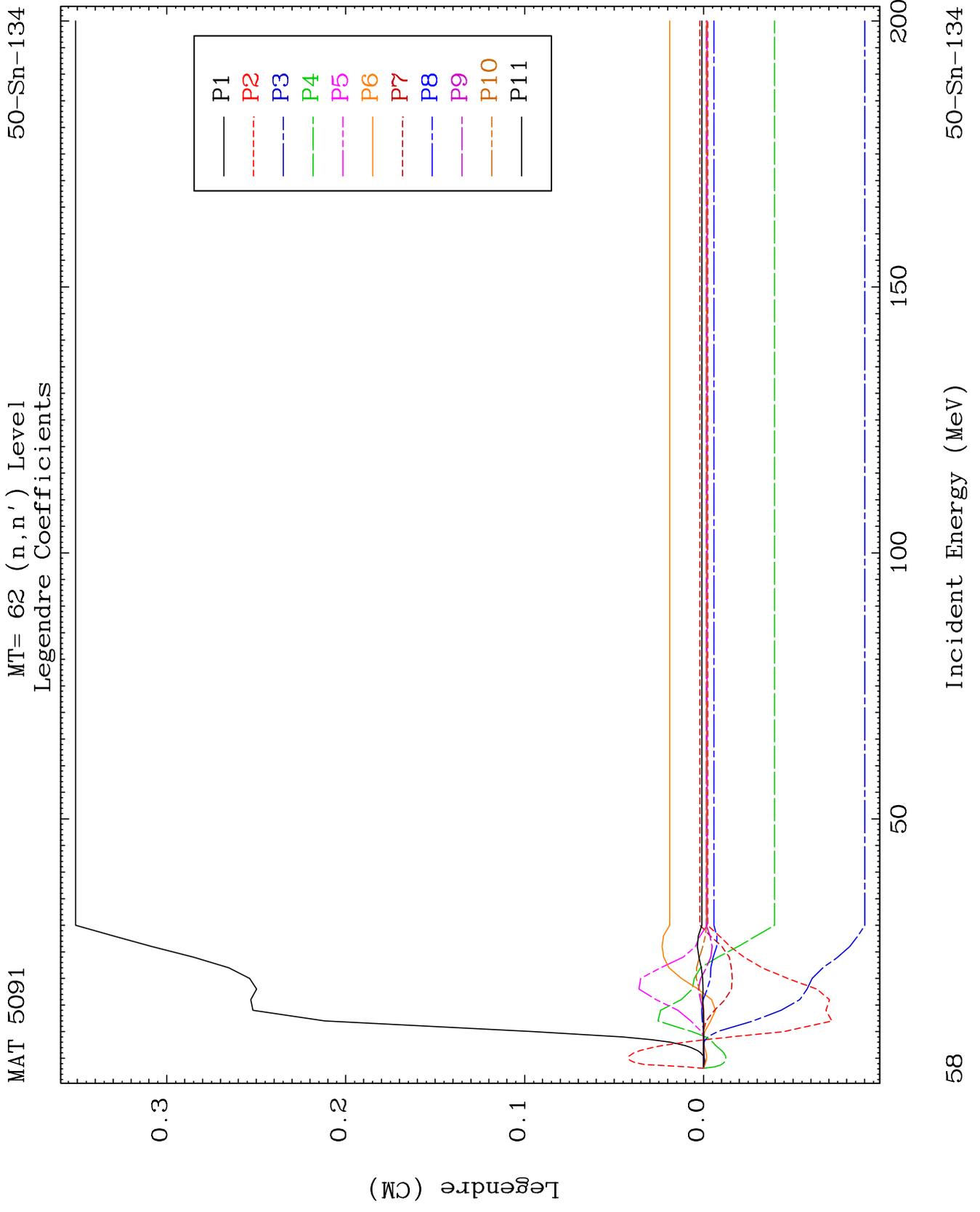


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Incident Energy (MeV)

50-Sn-134

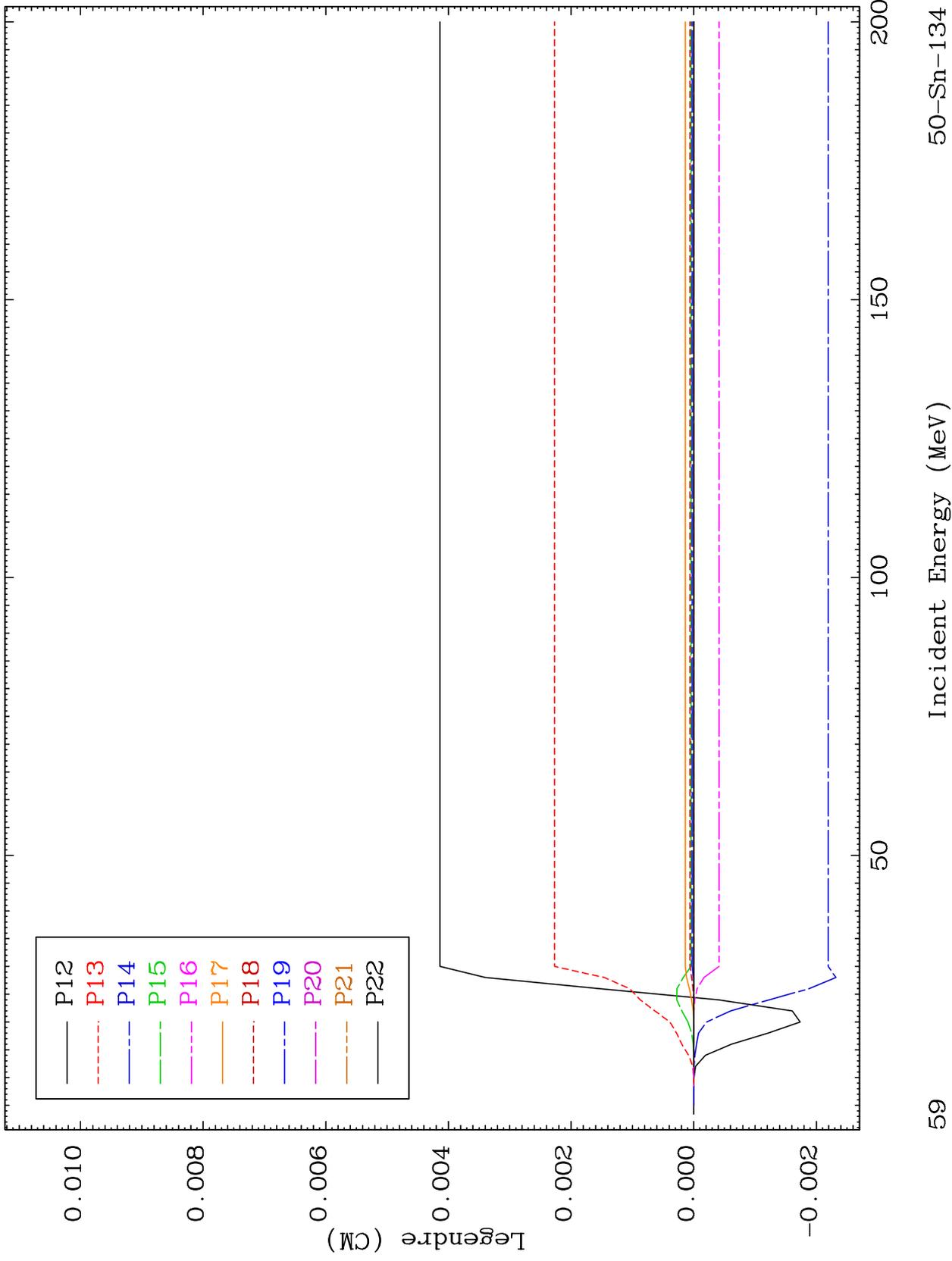




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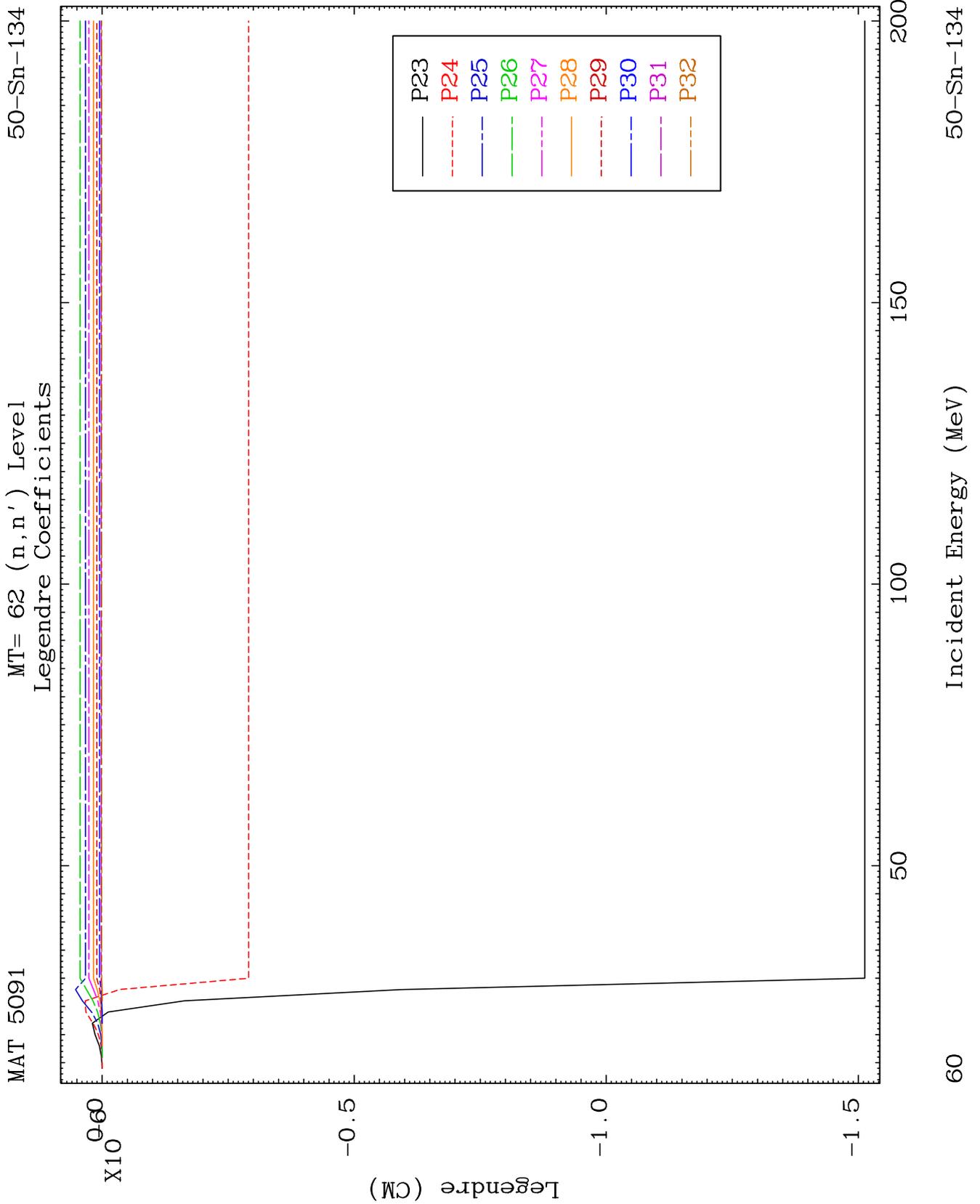
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Legendre Coefficients

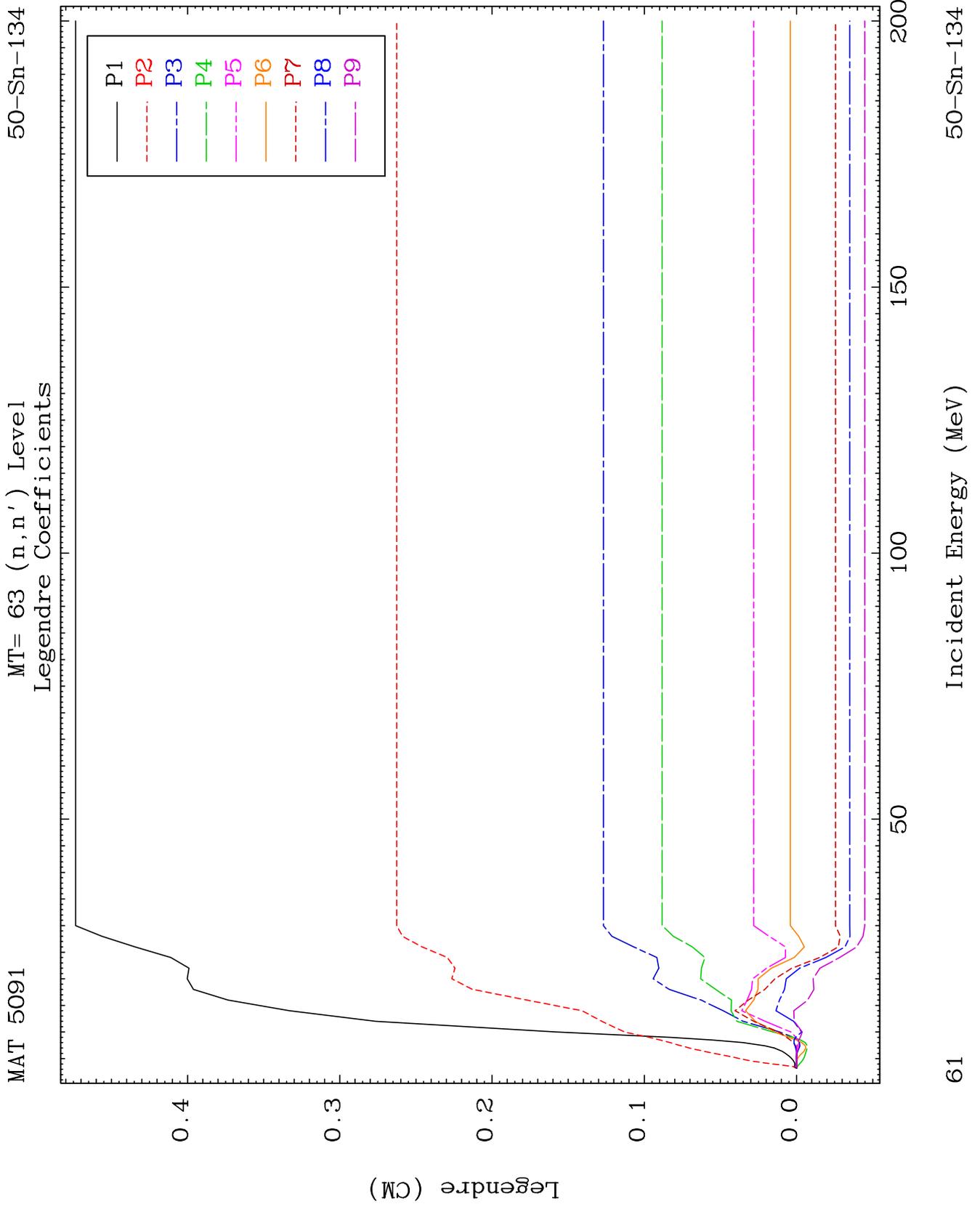
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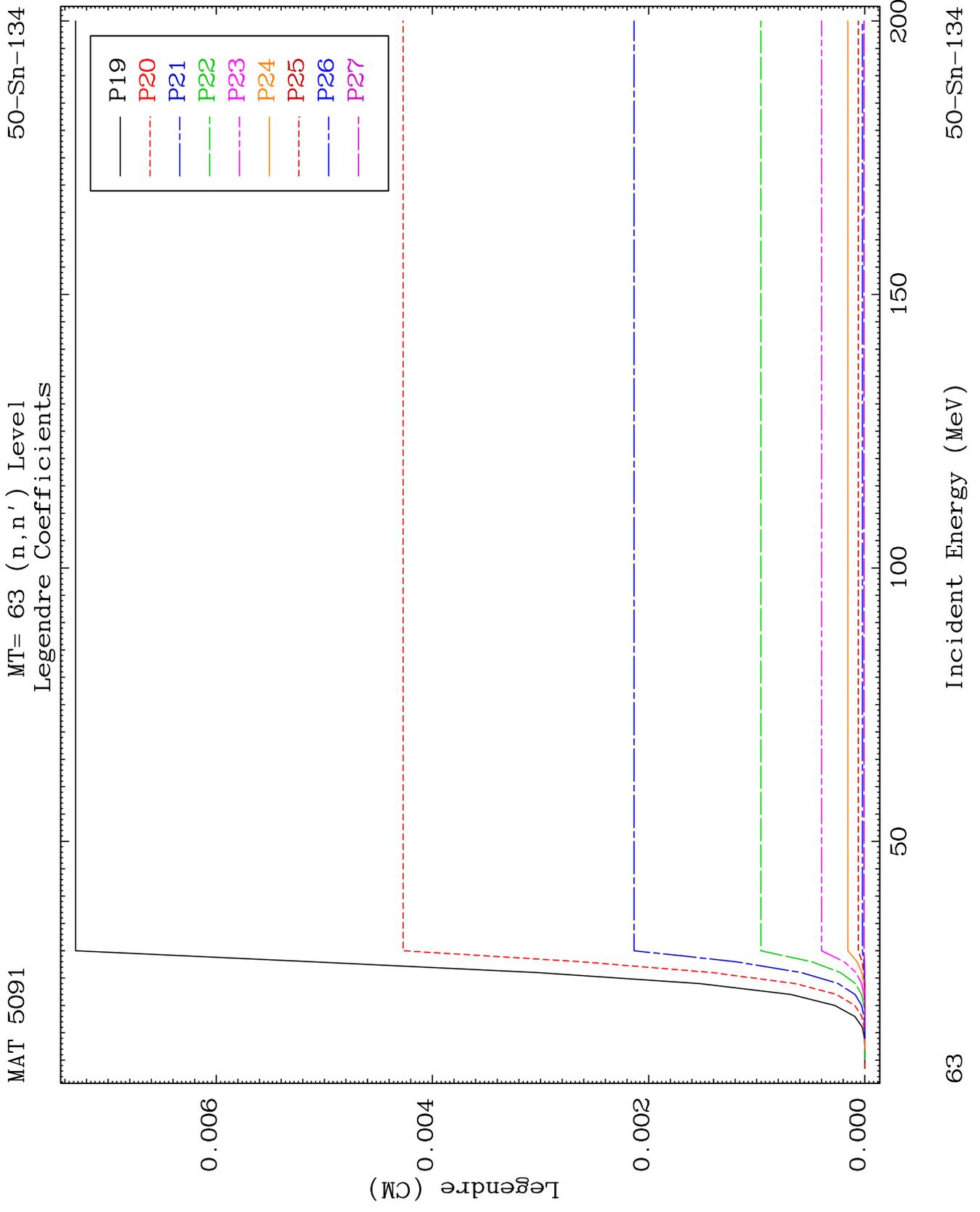


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50-Sn-134



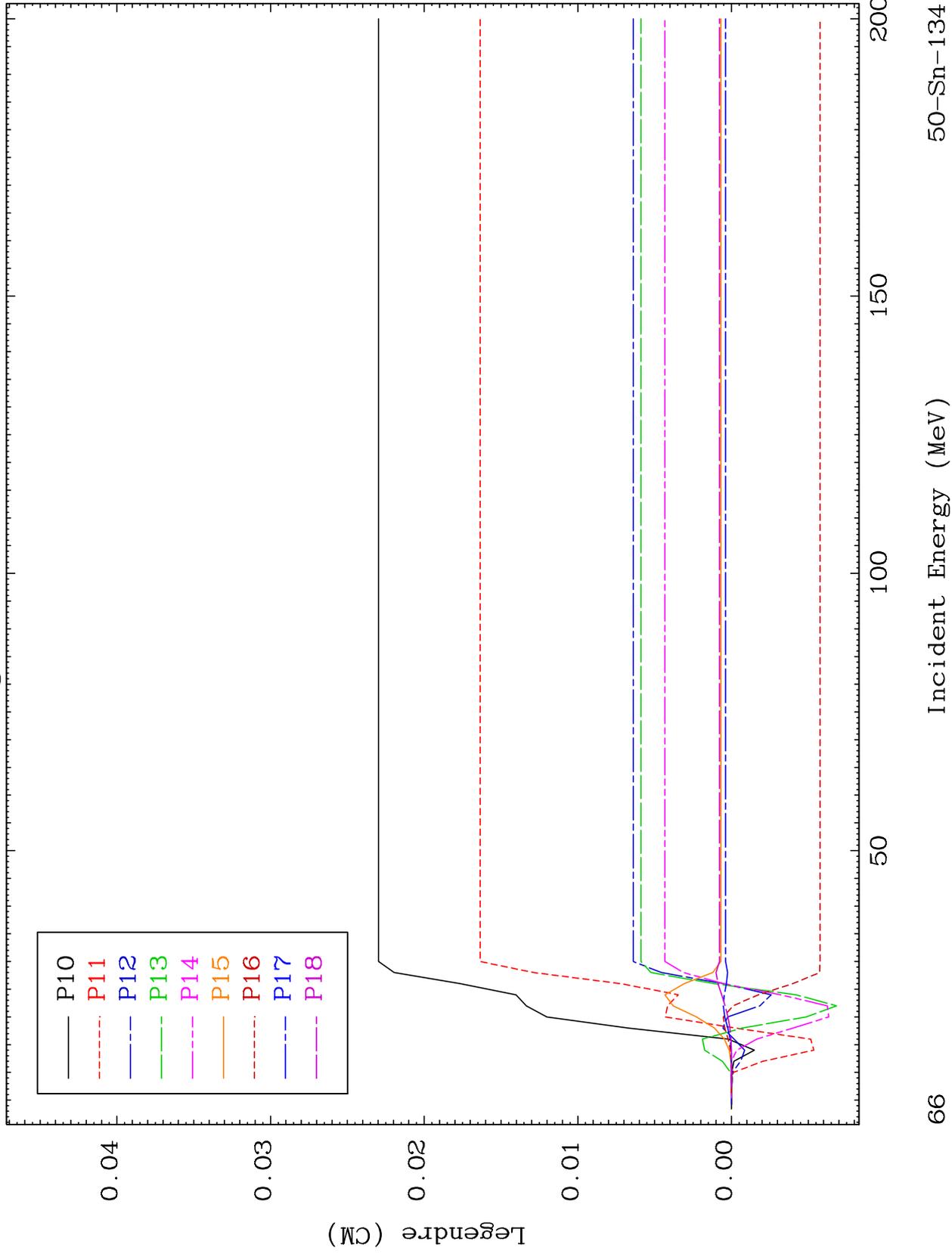




MAT 5091

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

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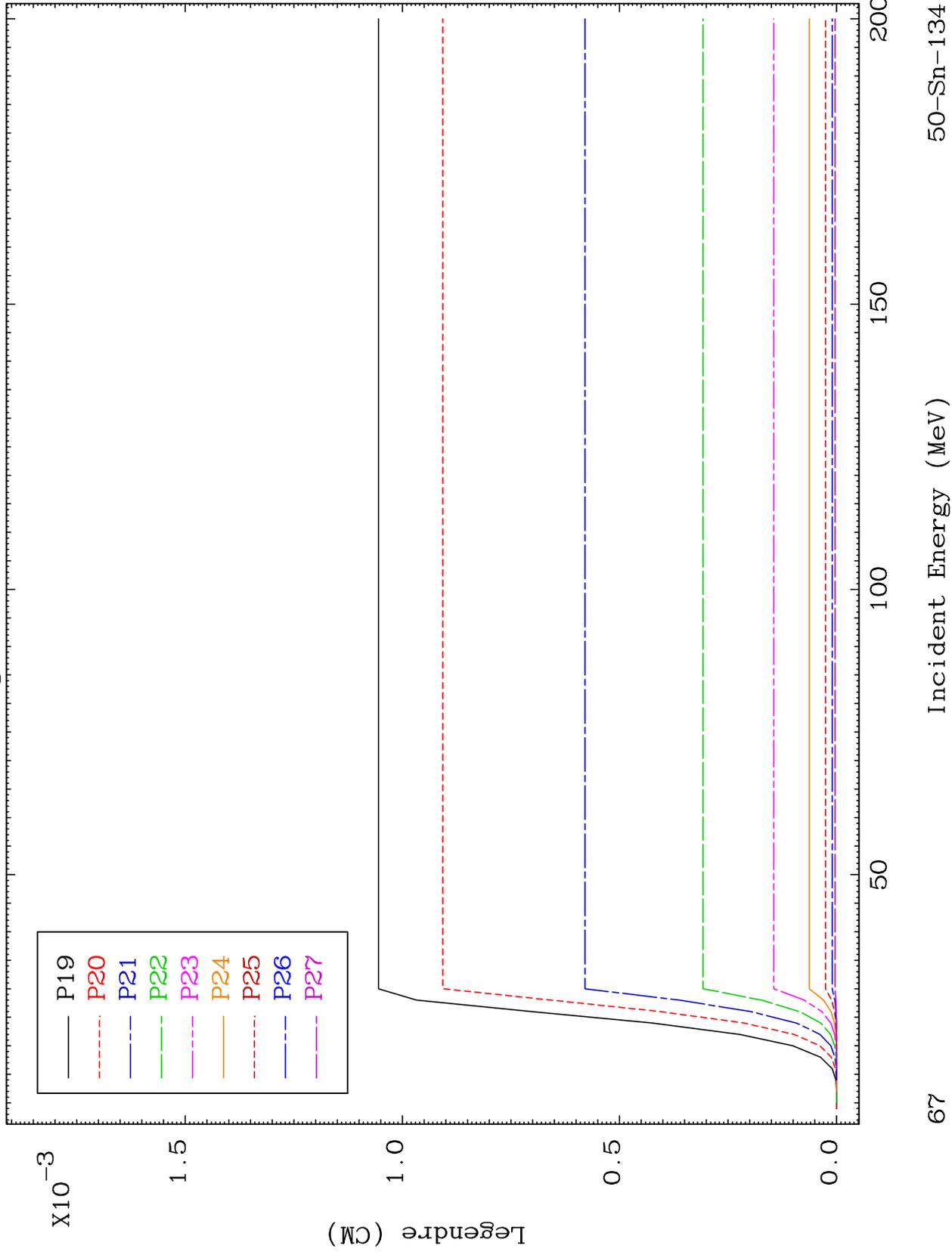


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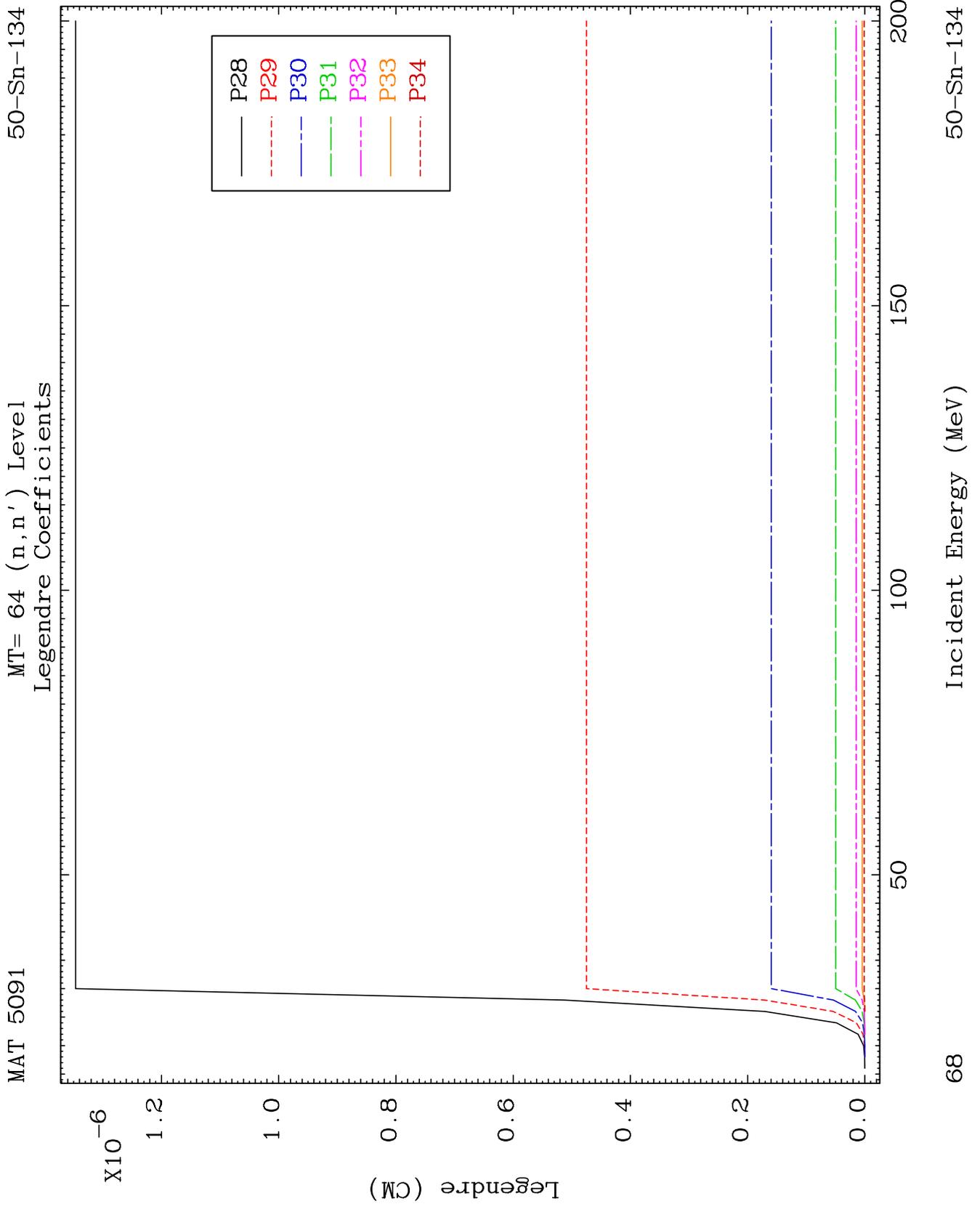
MT= 64 (n,n') Level
Legendre Coefficients

50-Sn-134



67

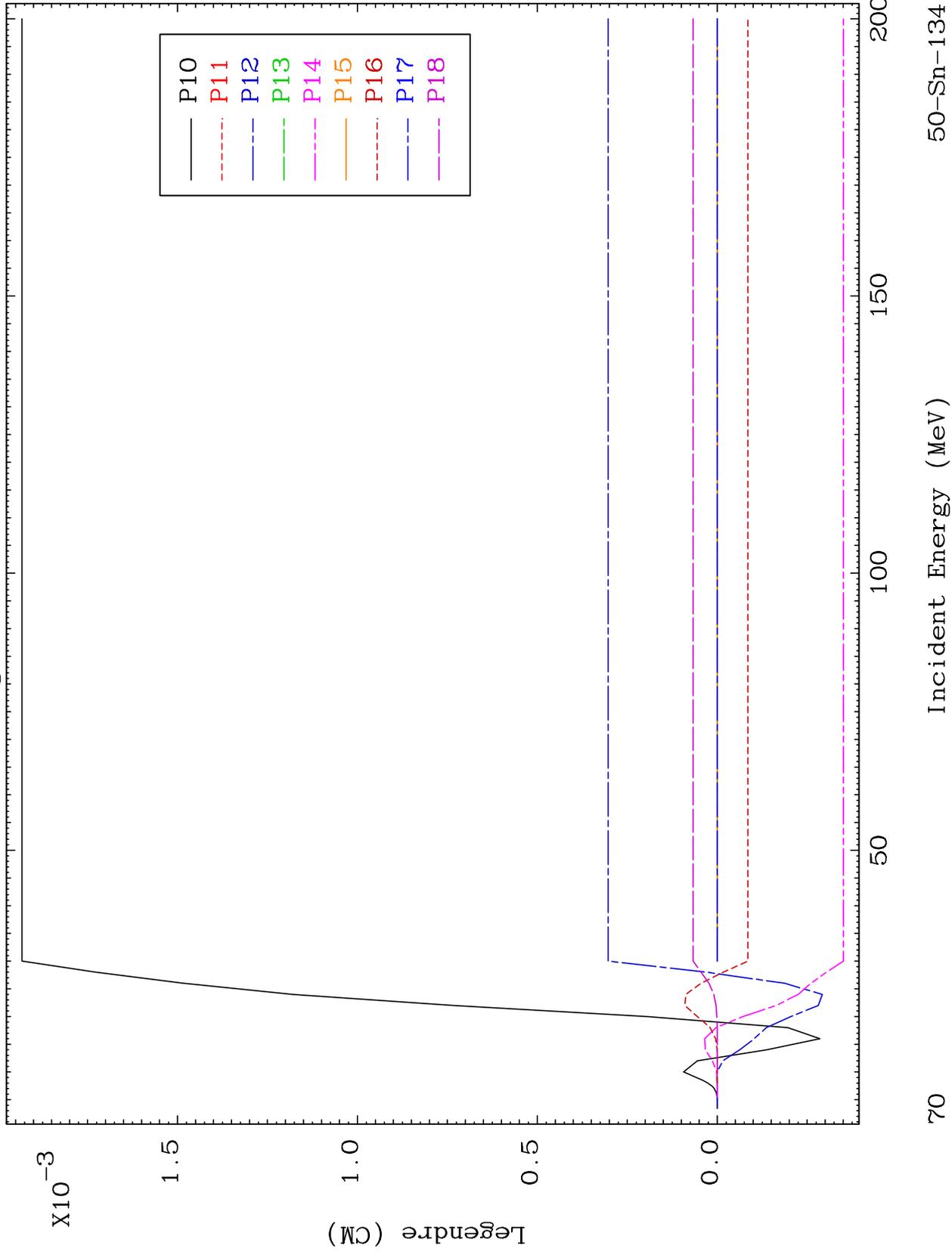
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MAT 5091

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

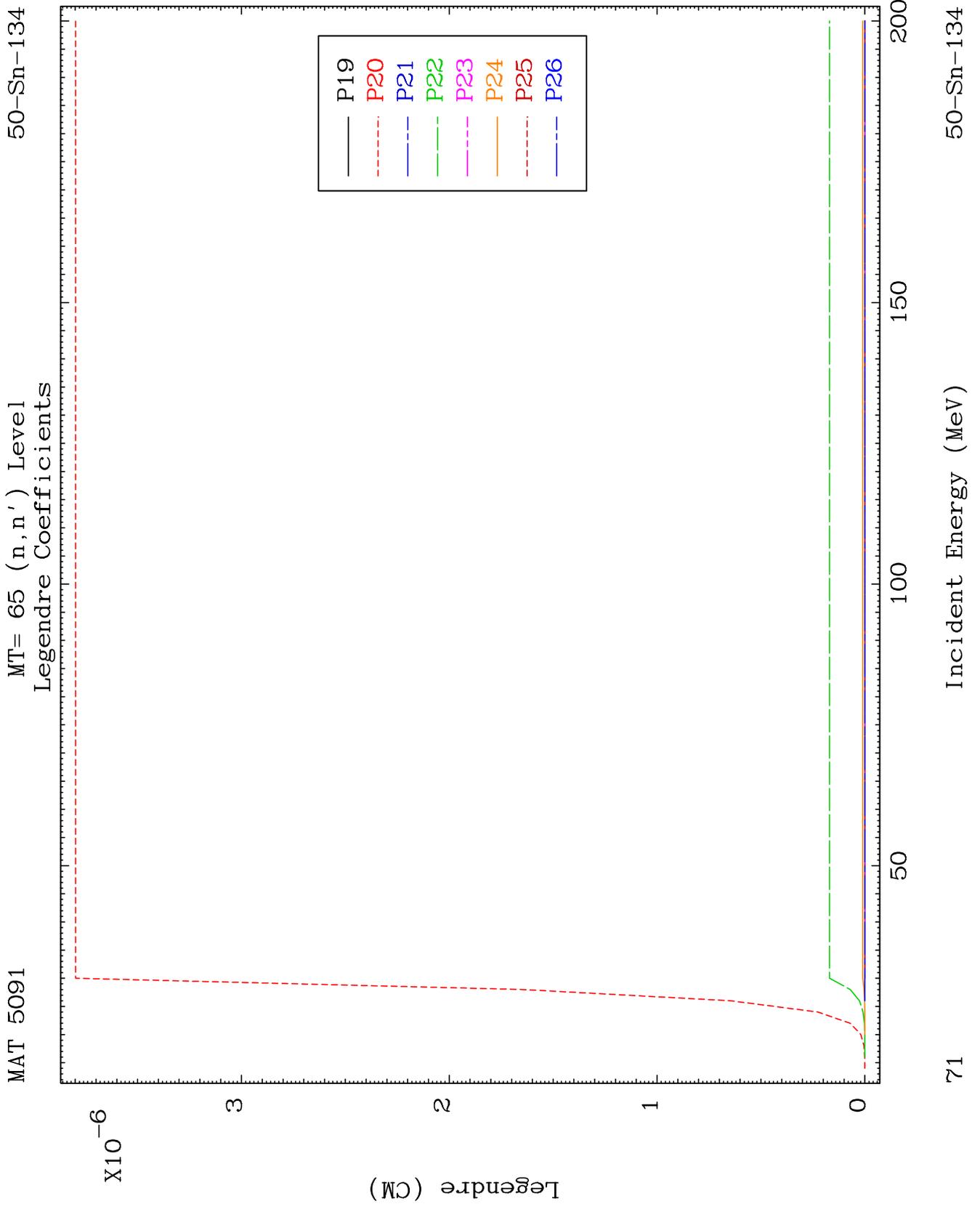
50-Sn-134



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Incident Energy (MeV)

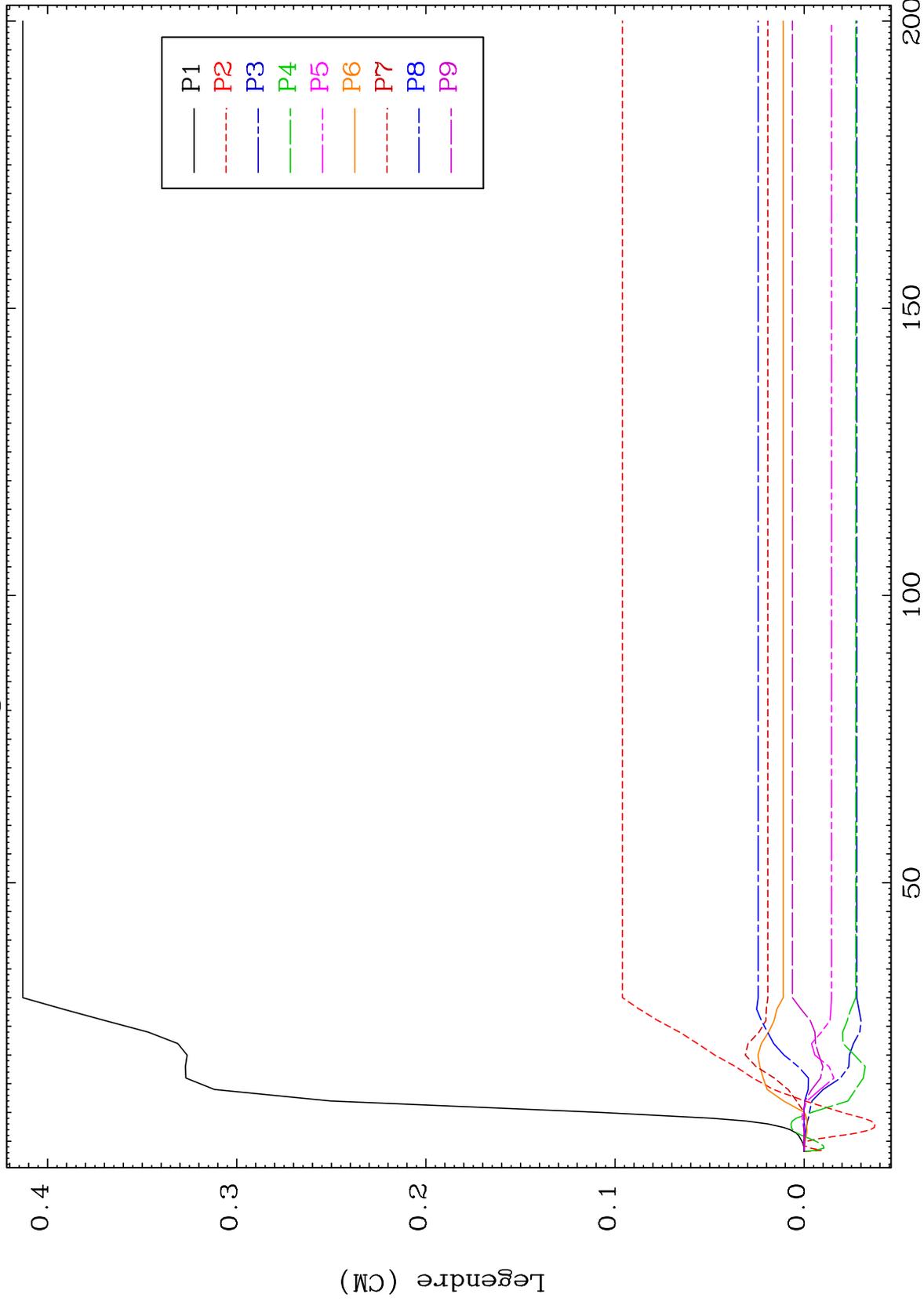
50-Sn-134



MAT 5091

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

50-Sn-134



72

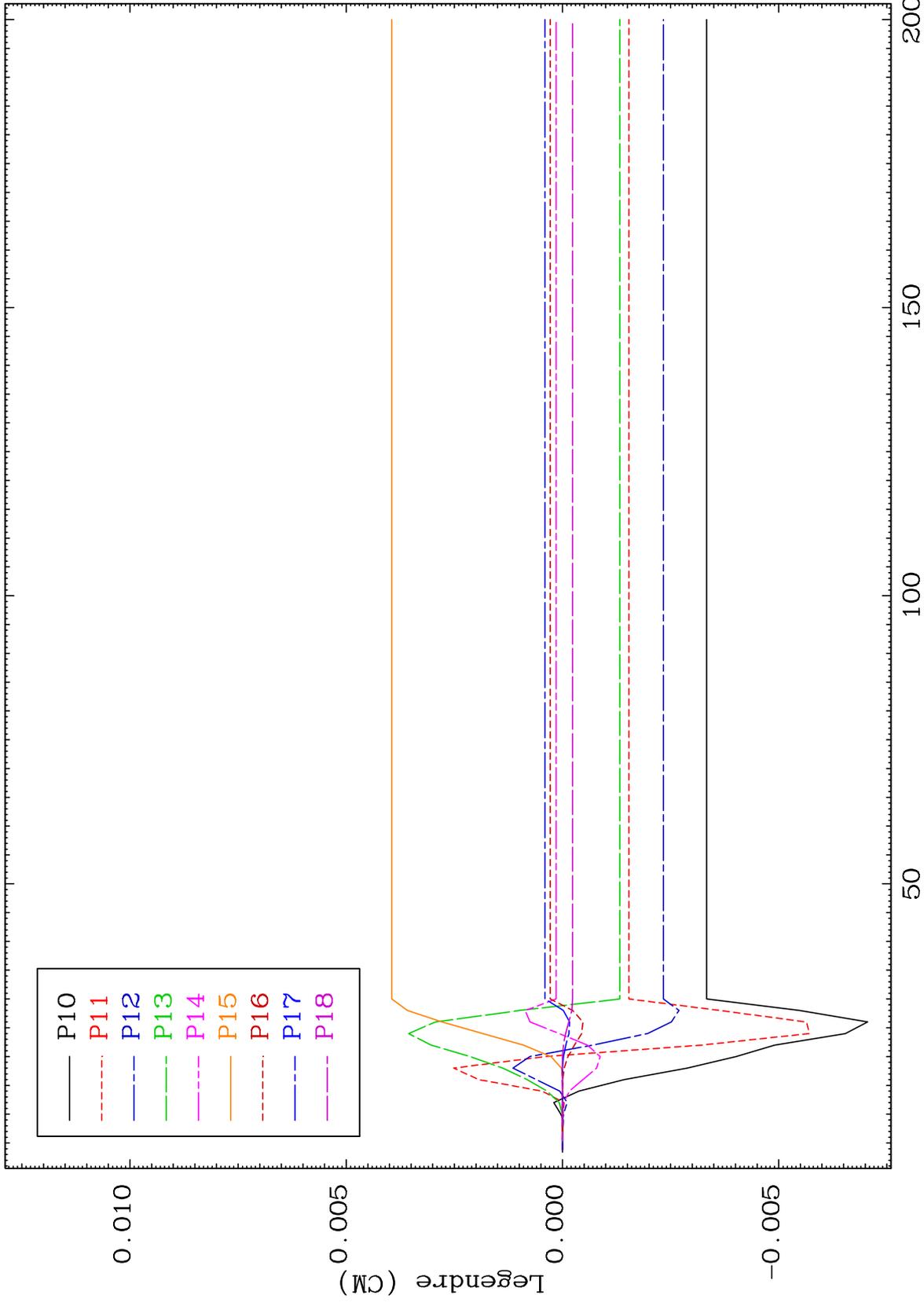
Incident Energy (MeV)

50-Sn-134

MAT 5091

50-Sn-134

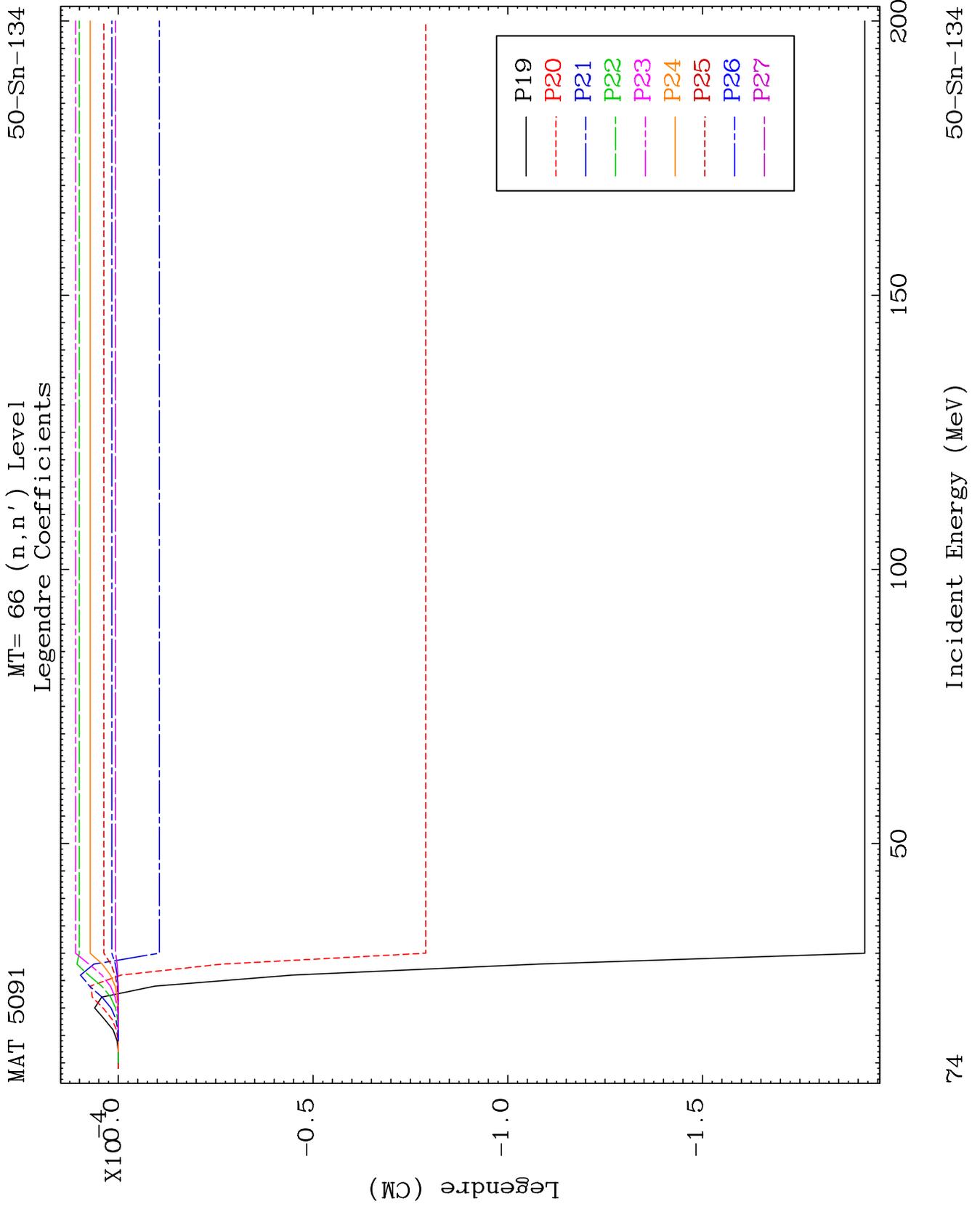
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Legendre Coefficients

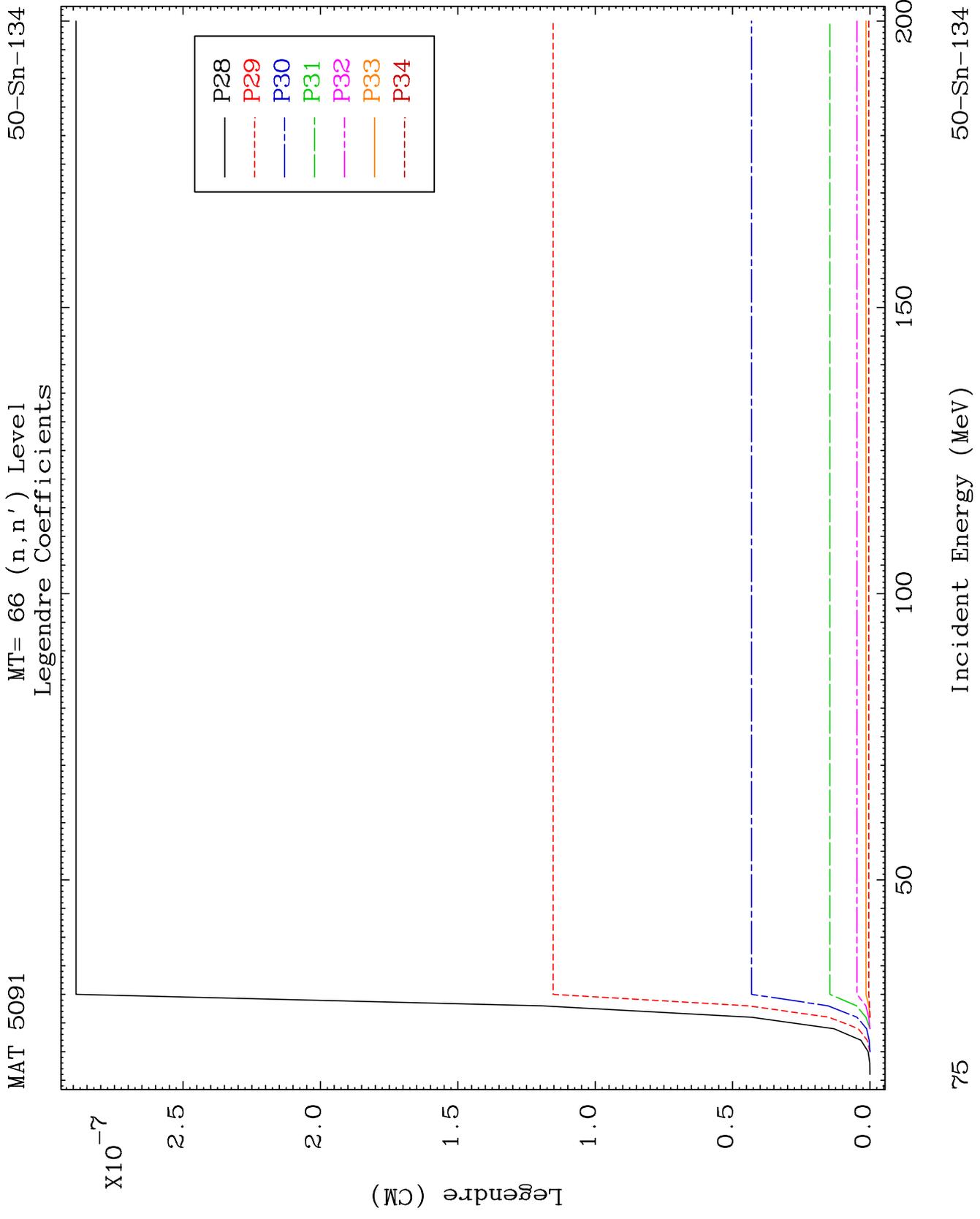


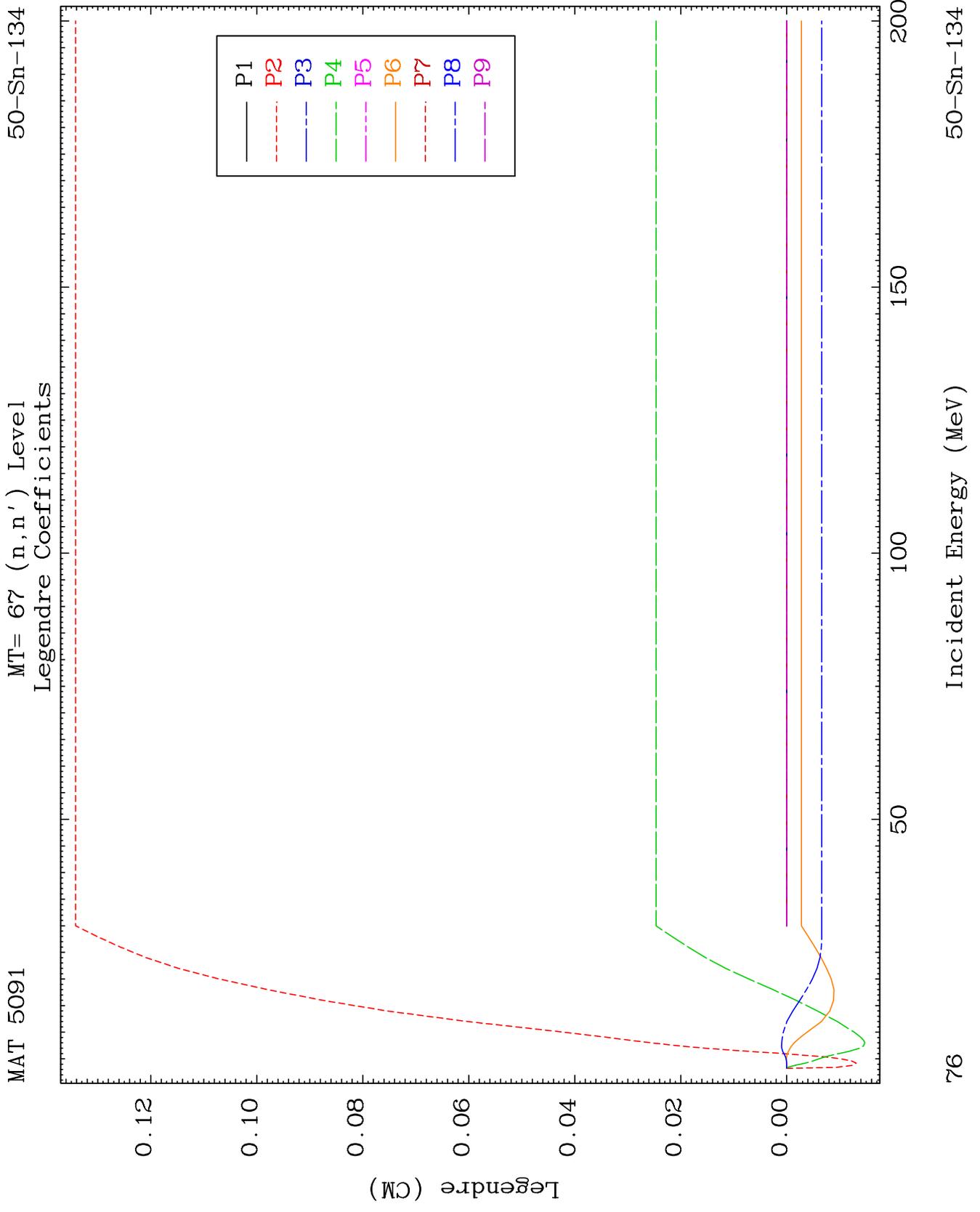
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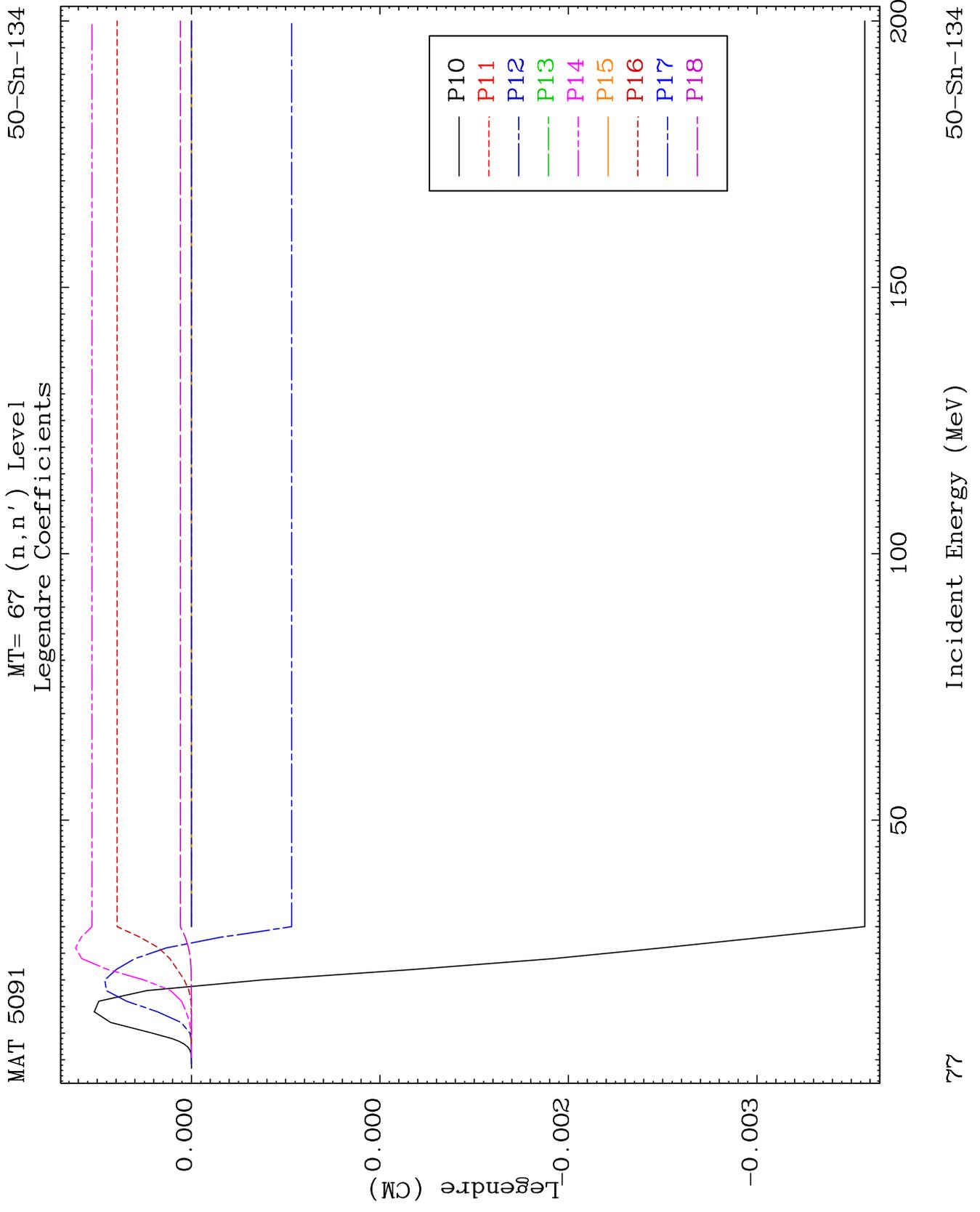
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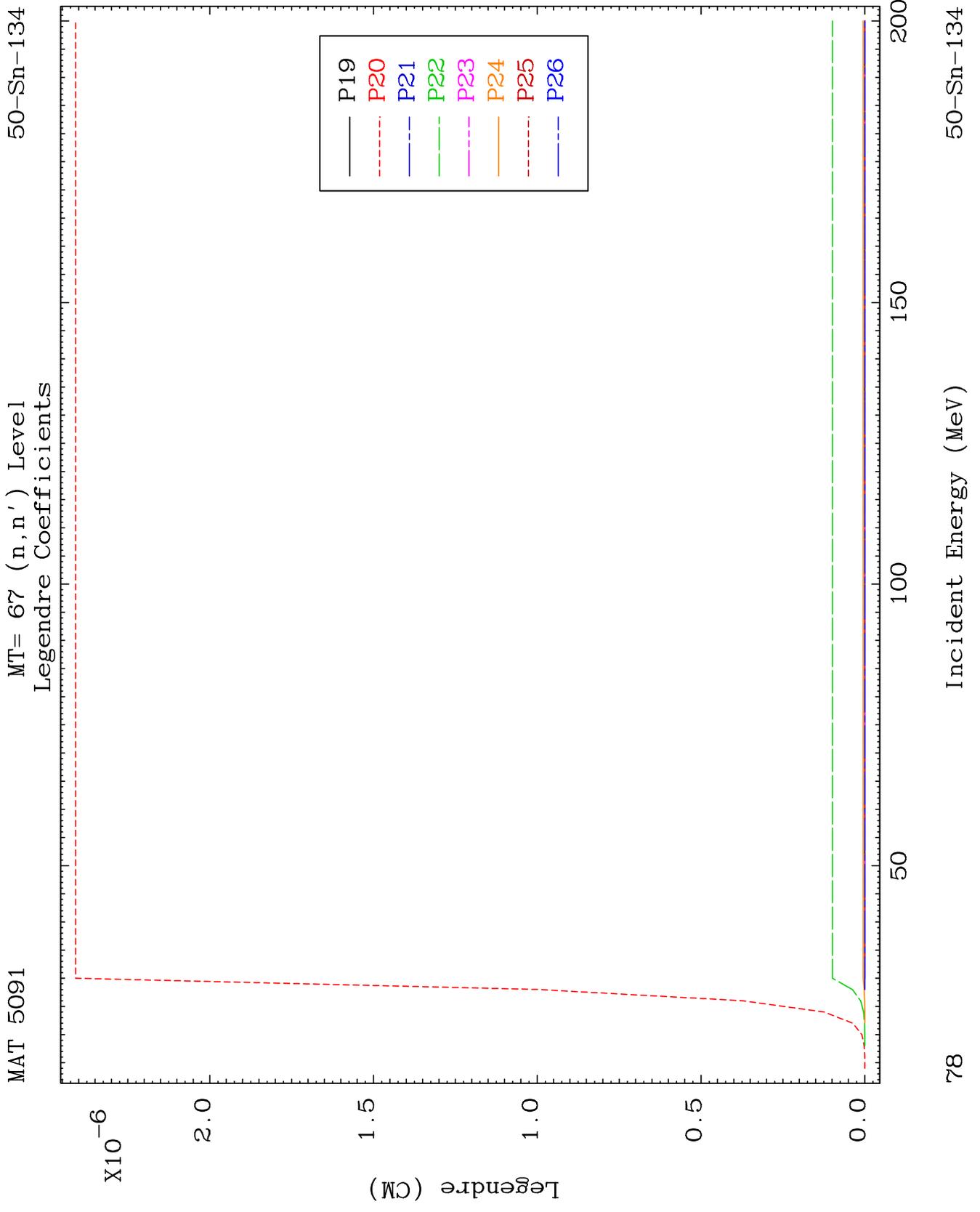
Incident Energy (MeV)

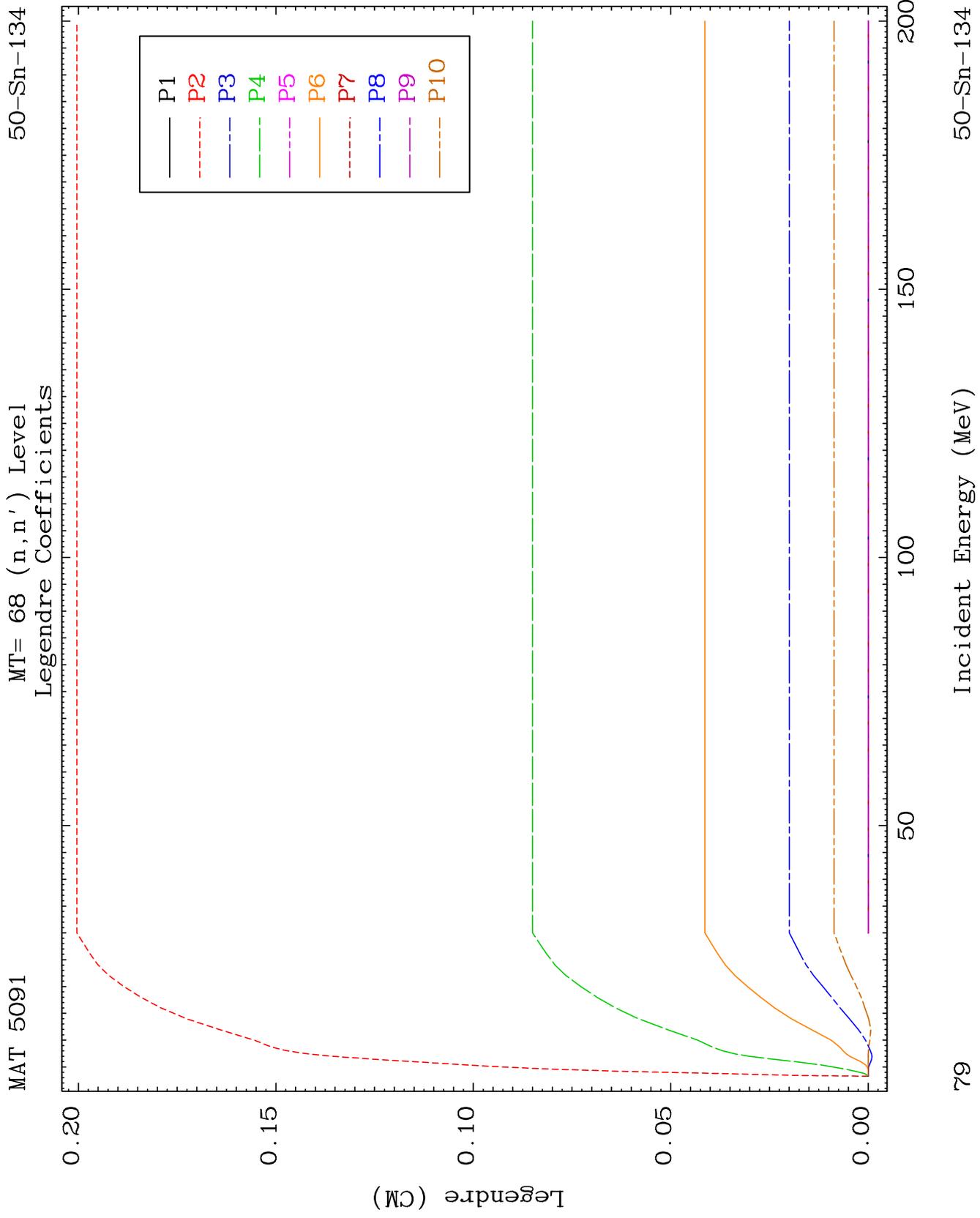


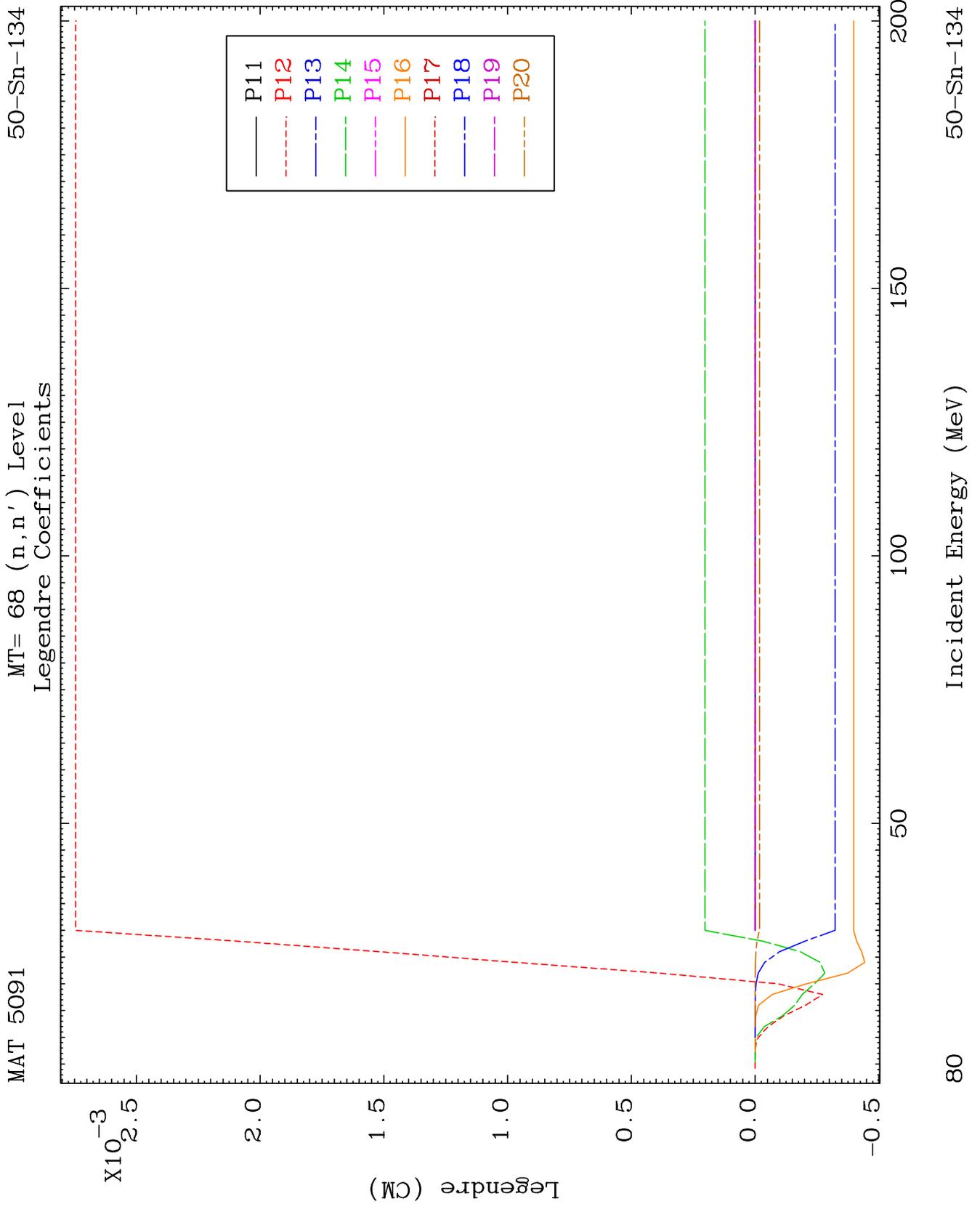


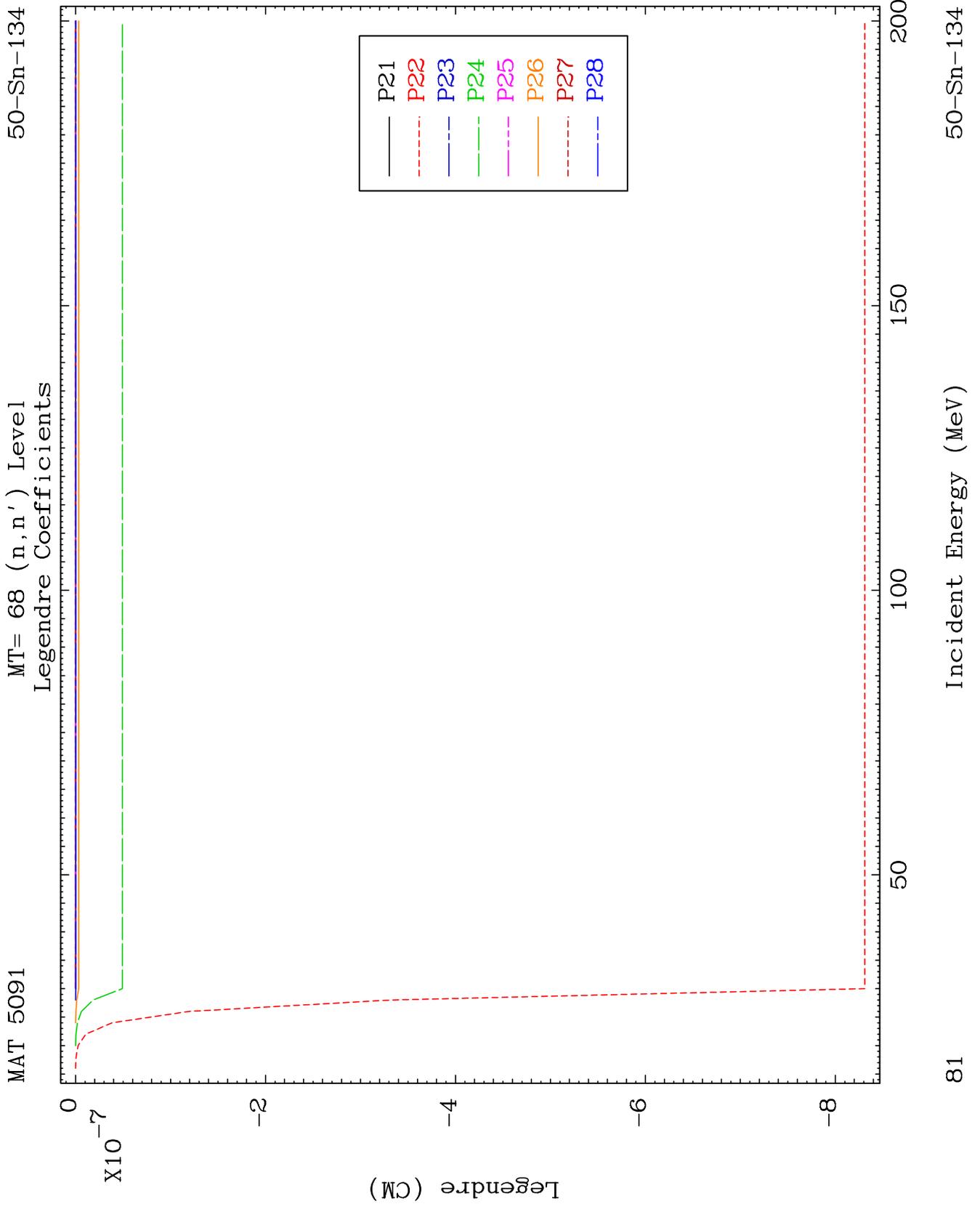








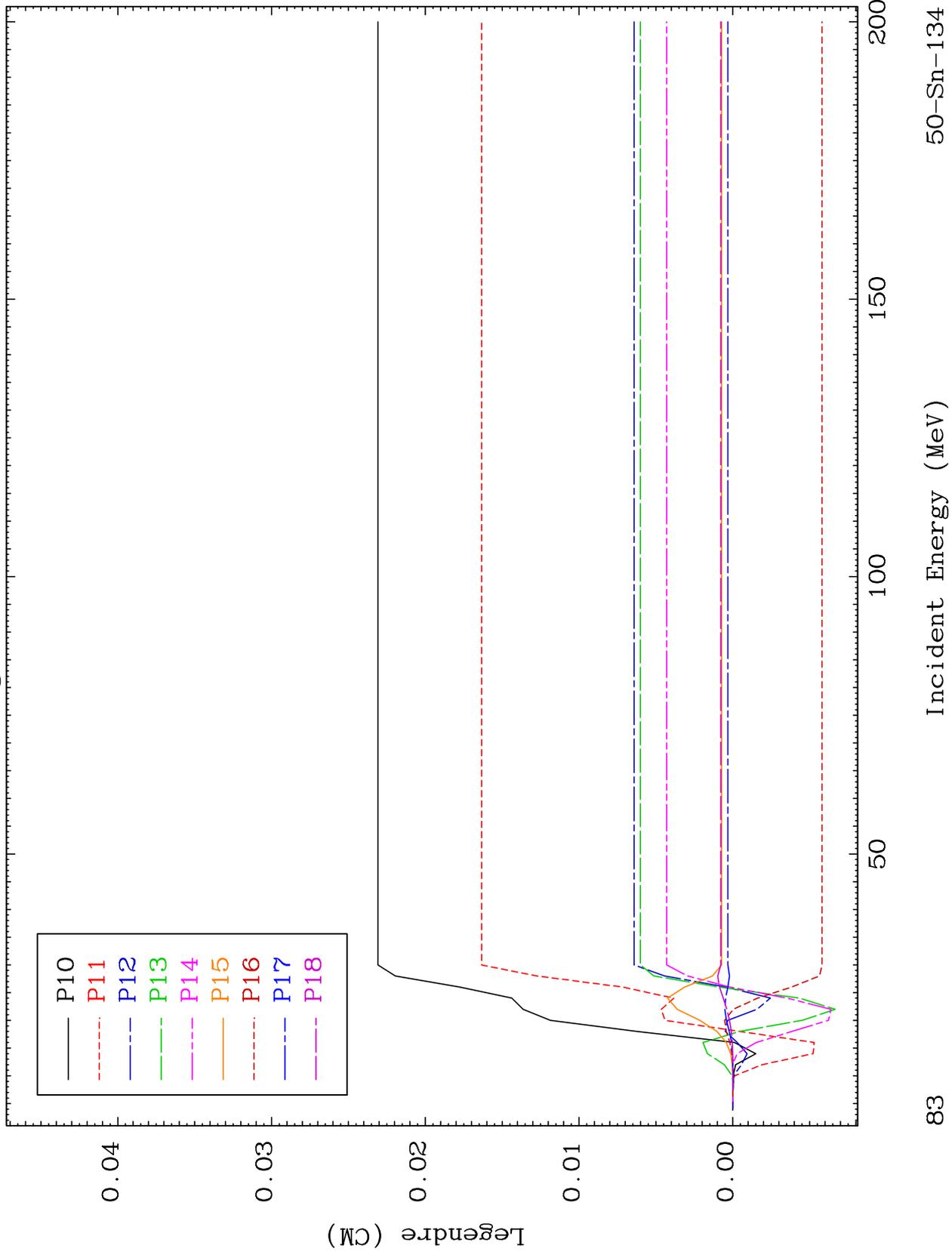




MAT 5091

MT= 69 (n,n') Level
Legendre Coefficients

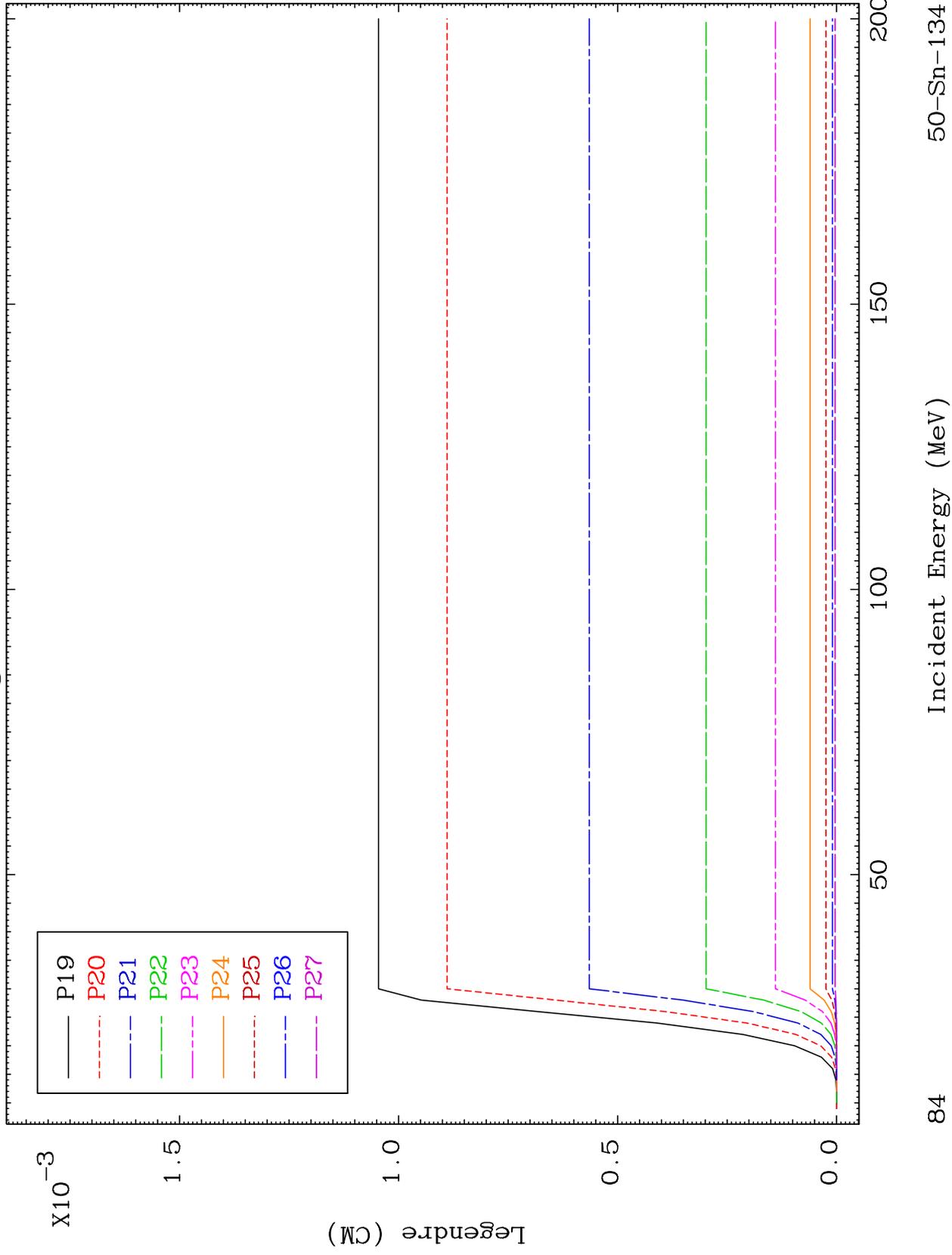
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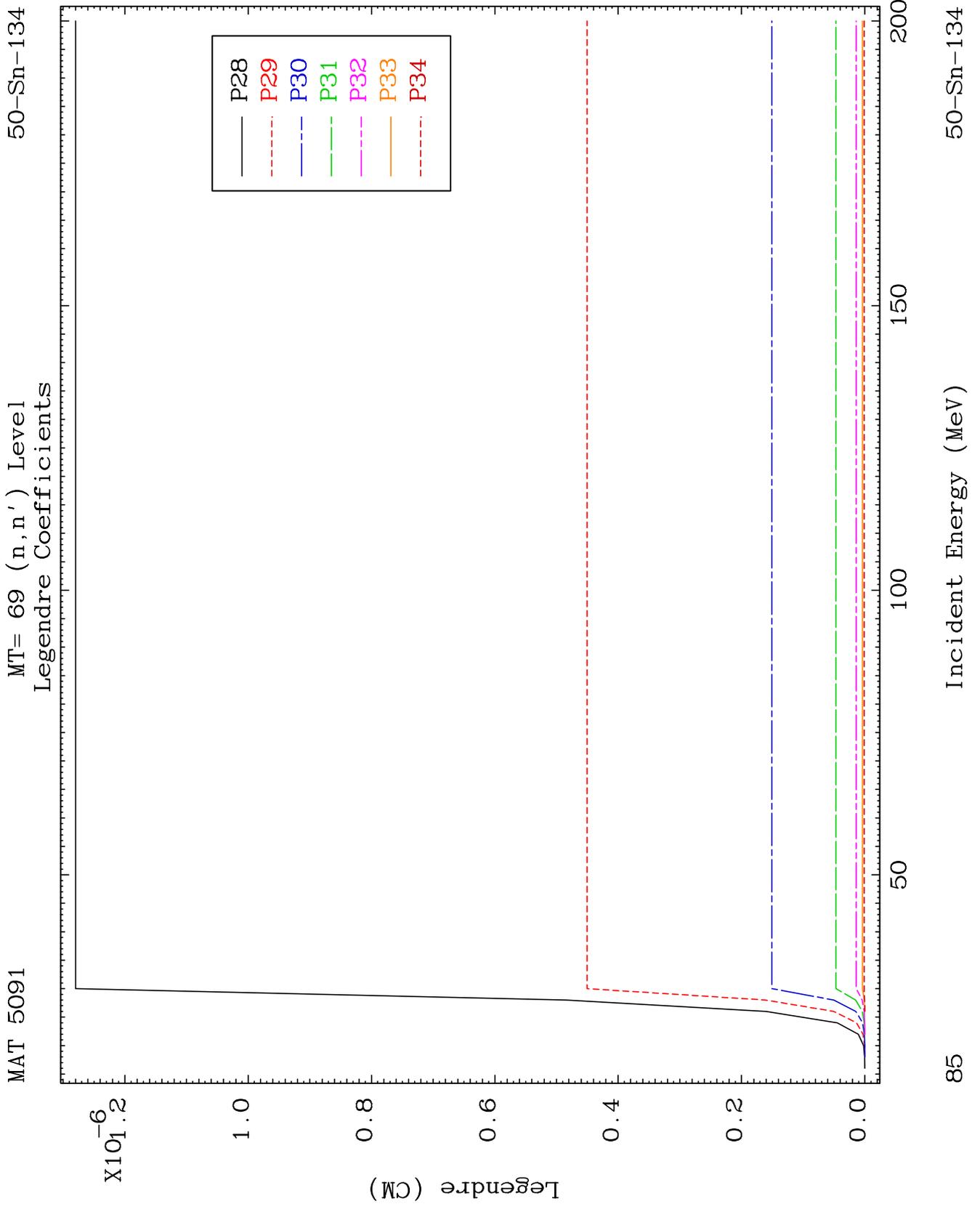


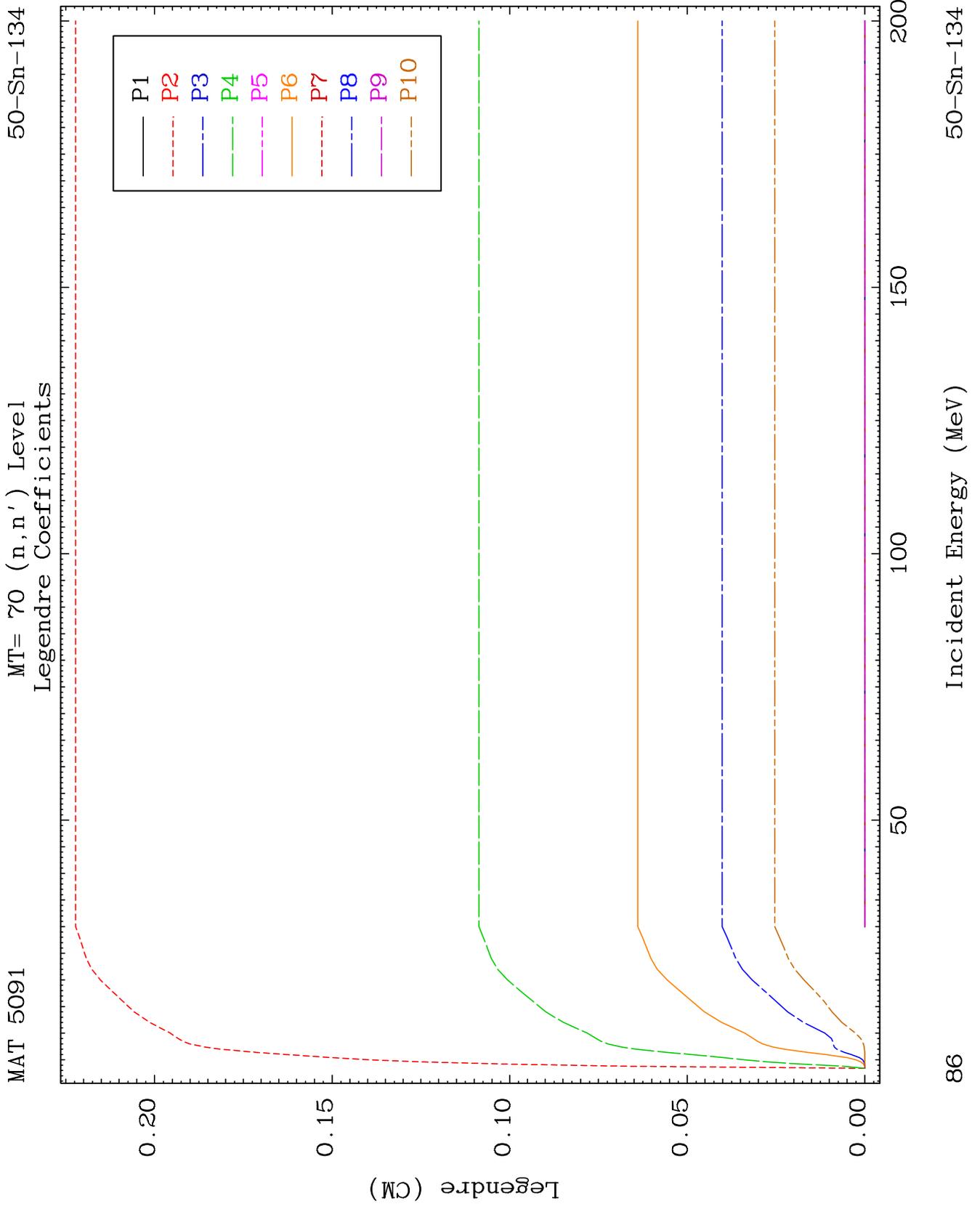
MAT 5091

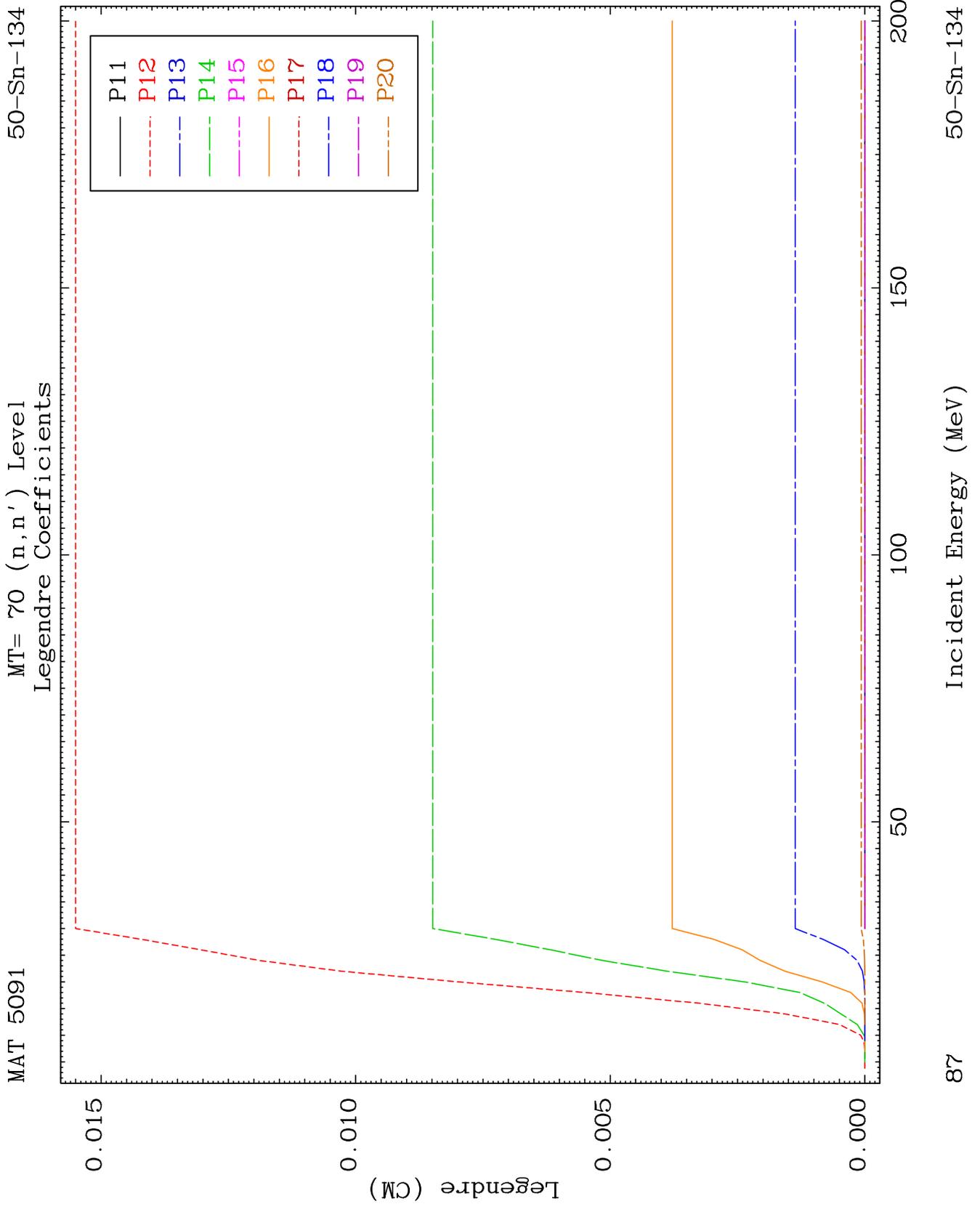
MT= 69 (n,n') Level
Legendre Coefficients

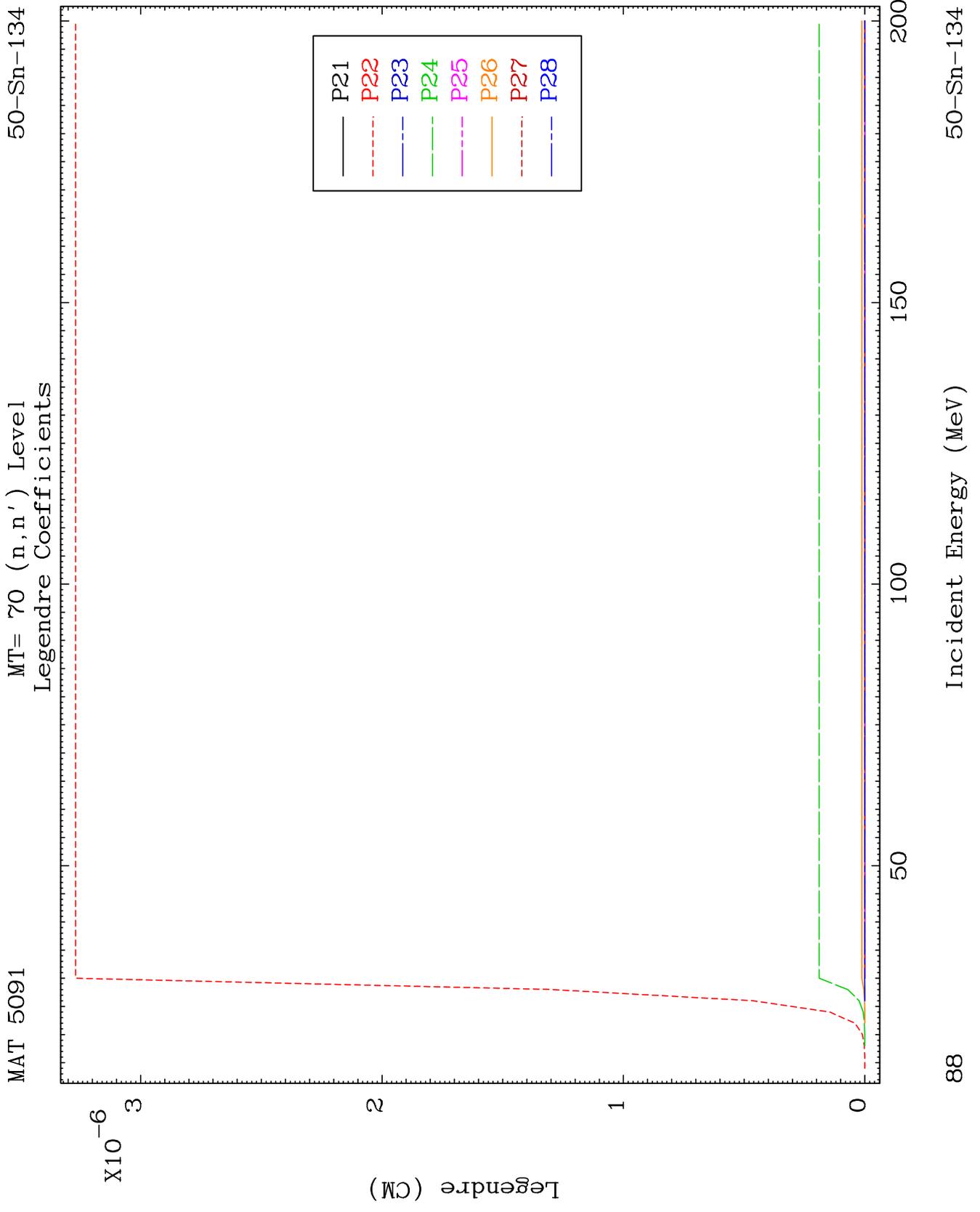
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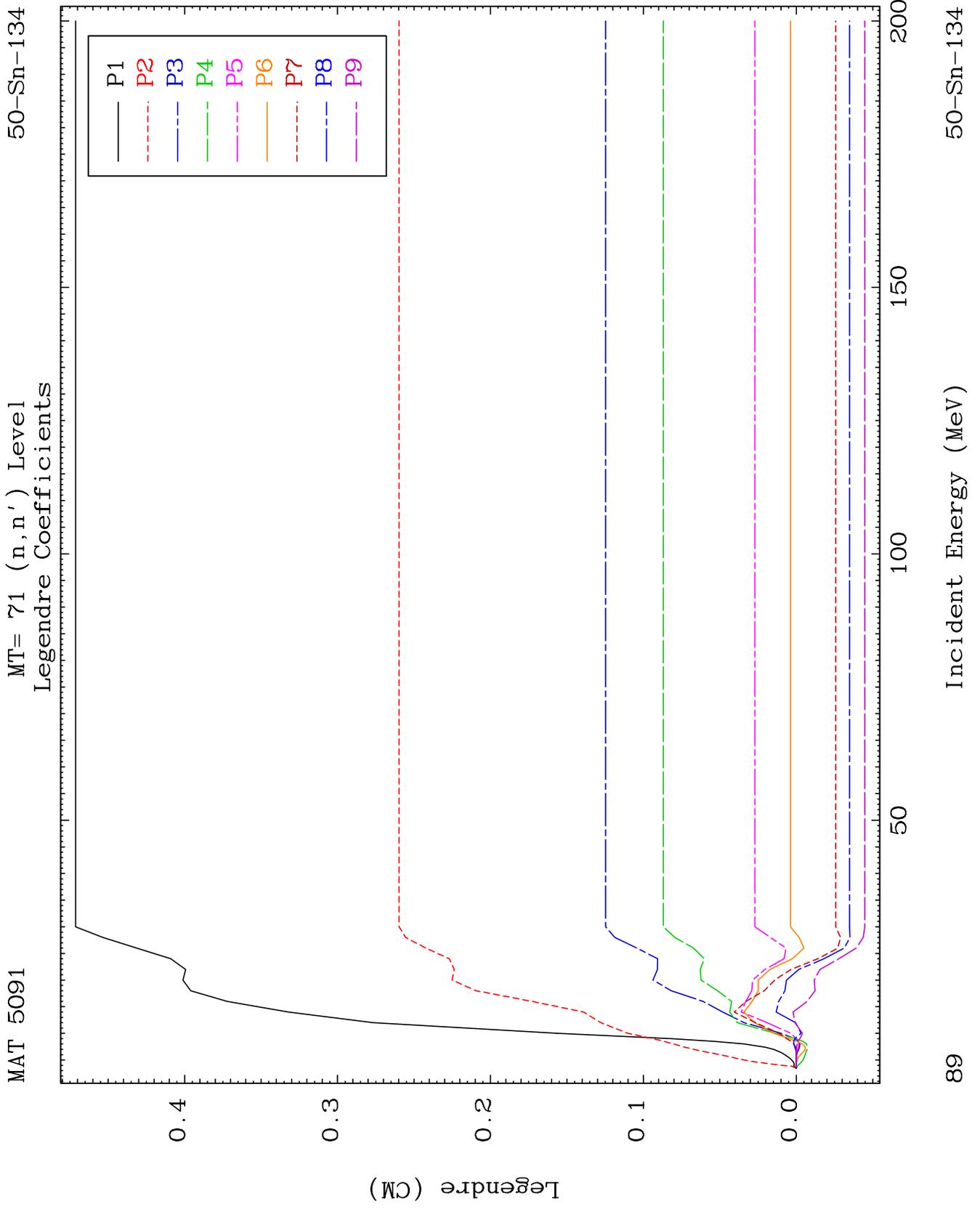








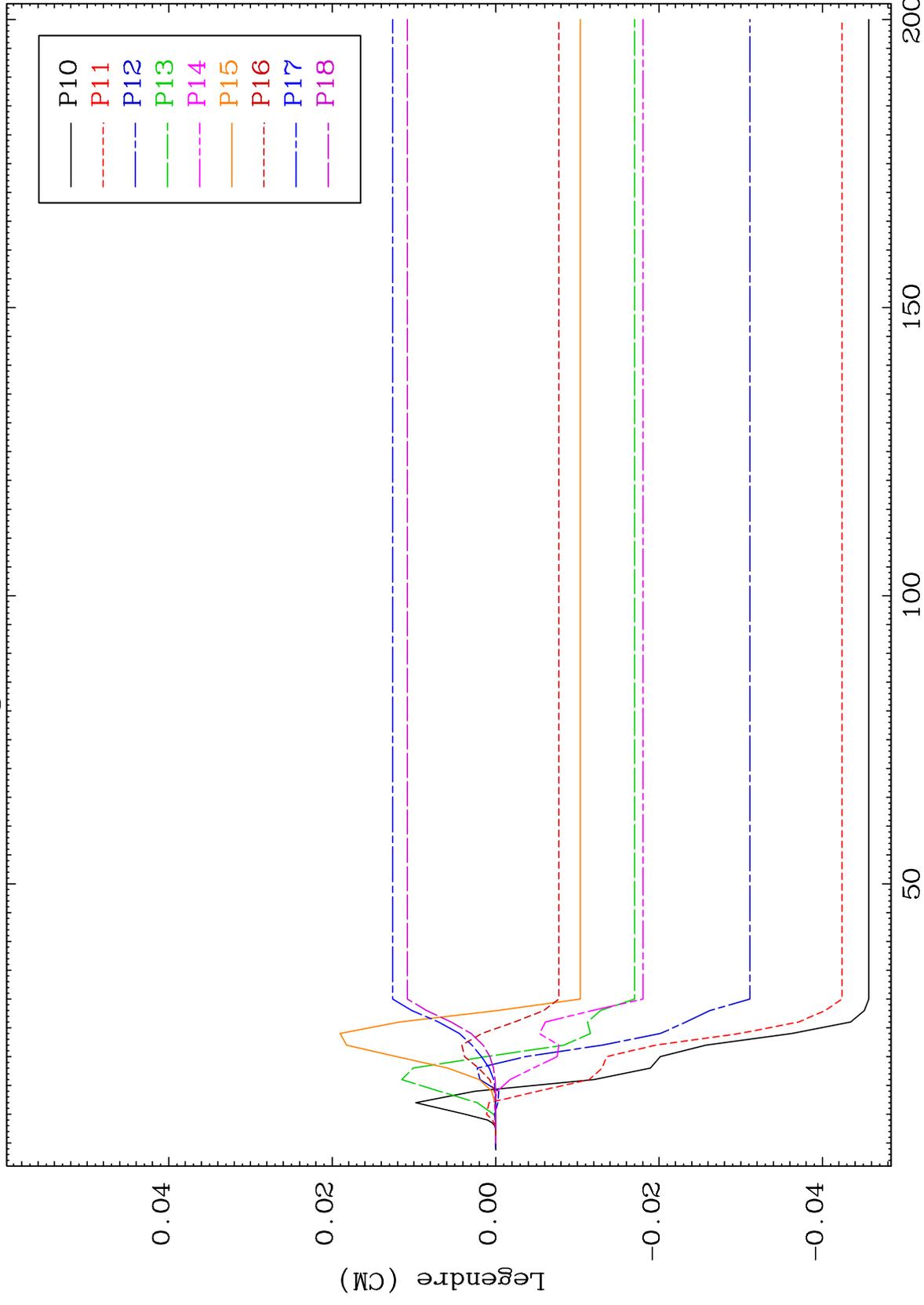




MAT 5091

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

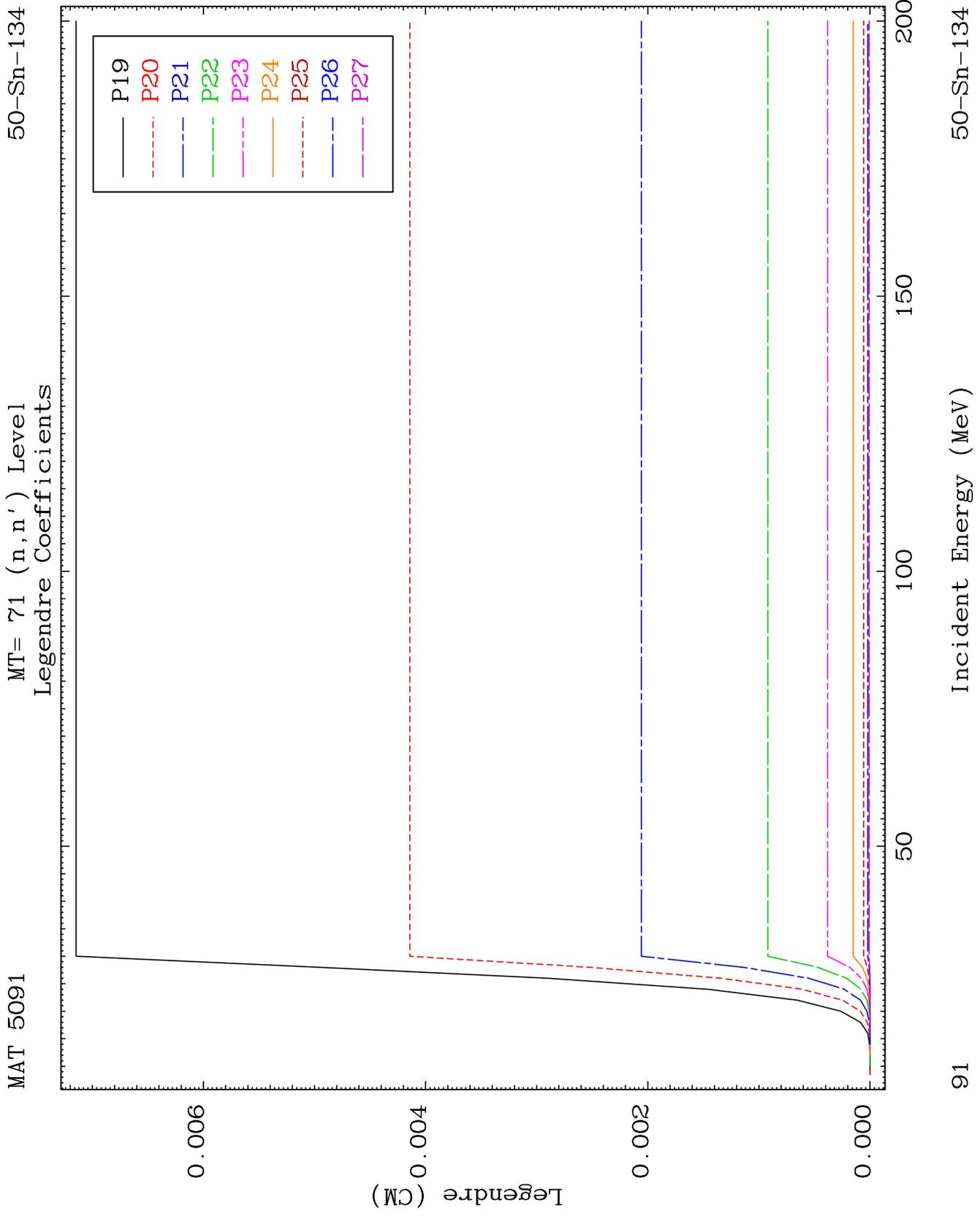
50-Sn-134



90

Incident Energy (MeV)

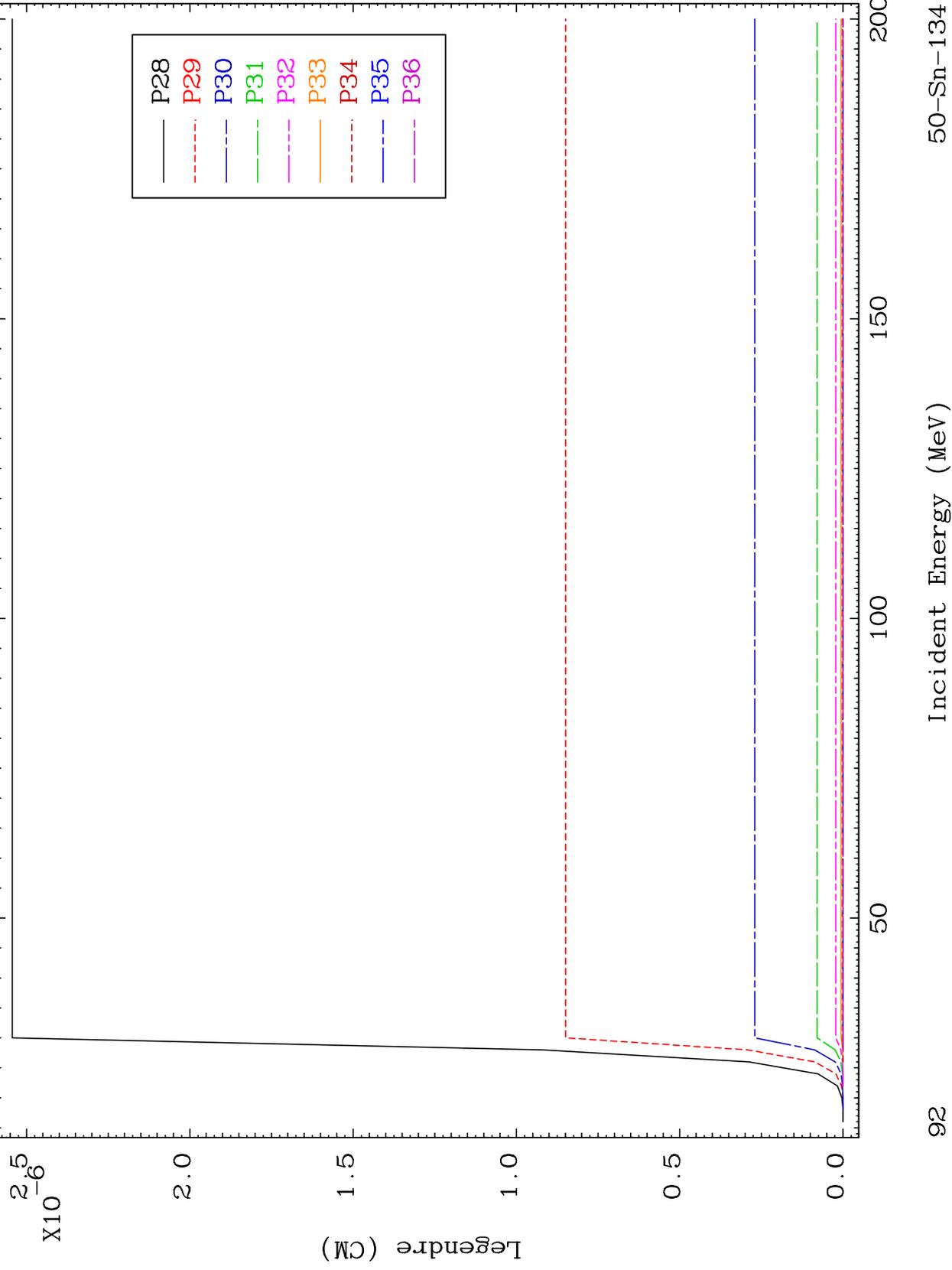
50-Sn-134



MAT 5091

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

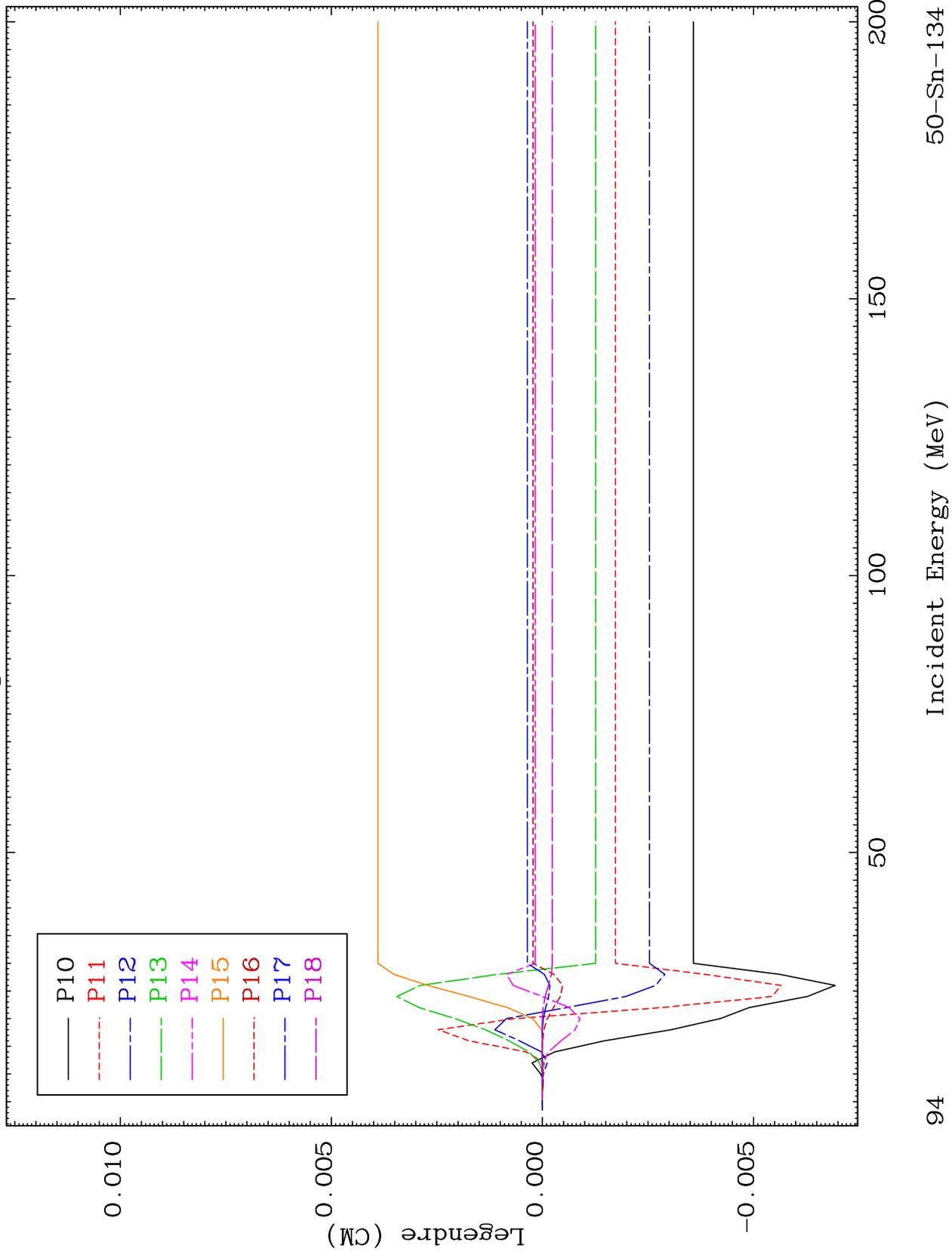
50-Sn-134



MAT 5091

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

50-Sn-134



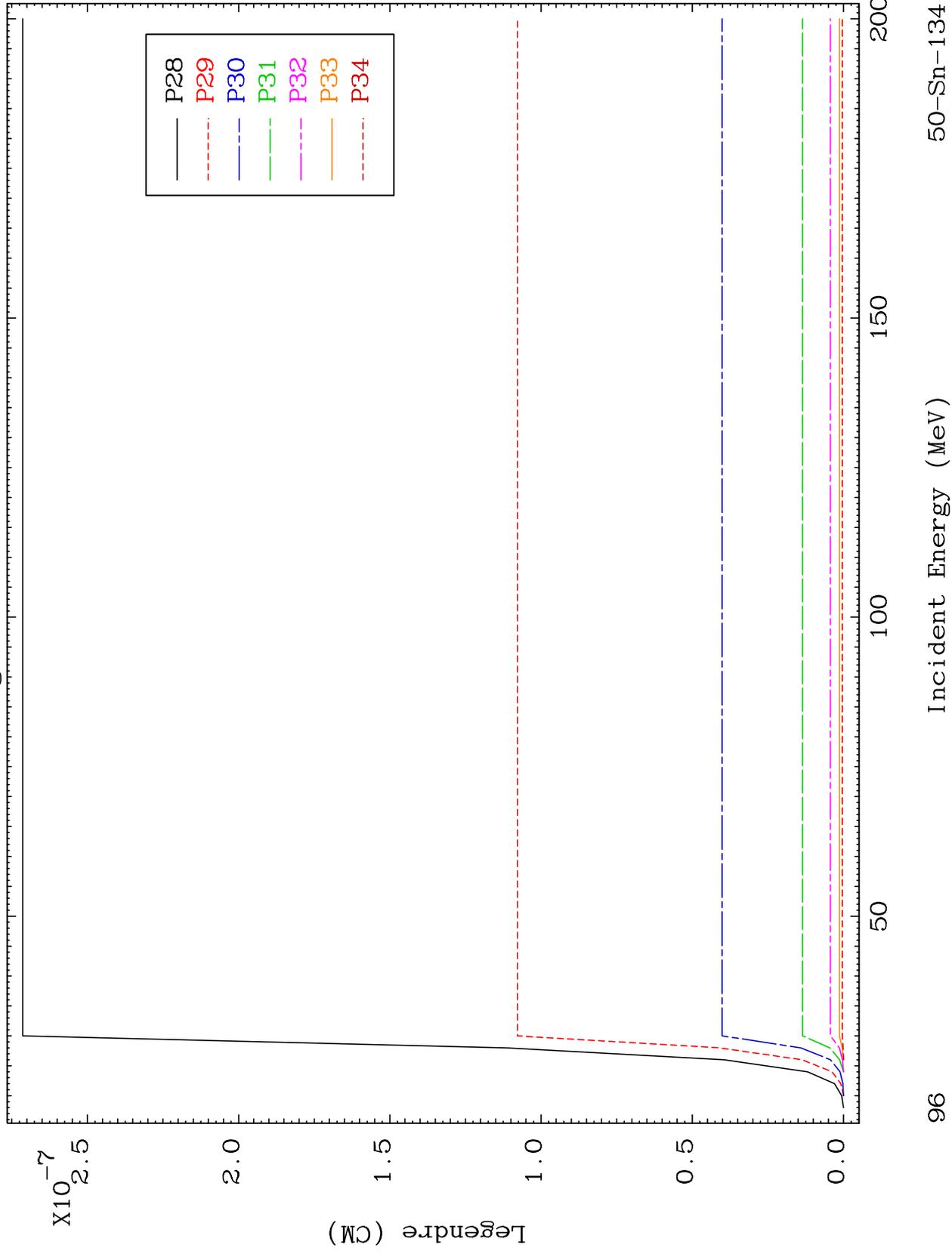
94

50-Sn-134

MAT 5091

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

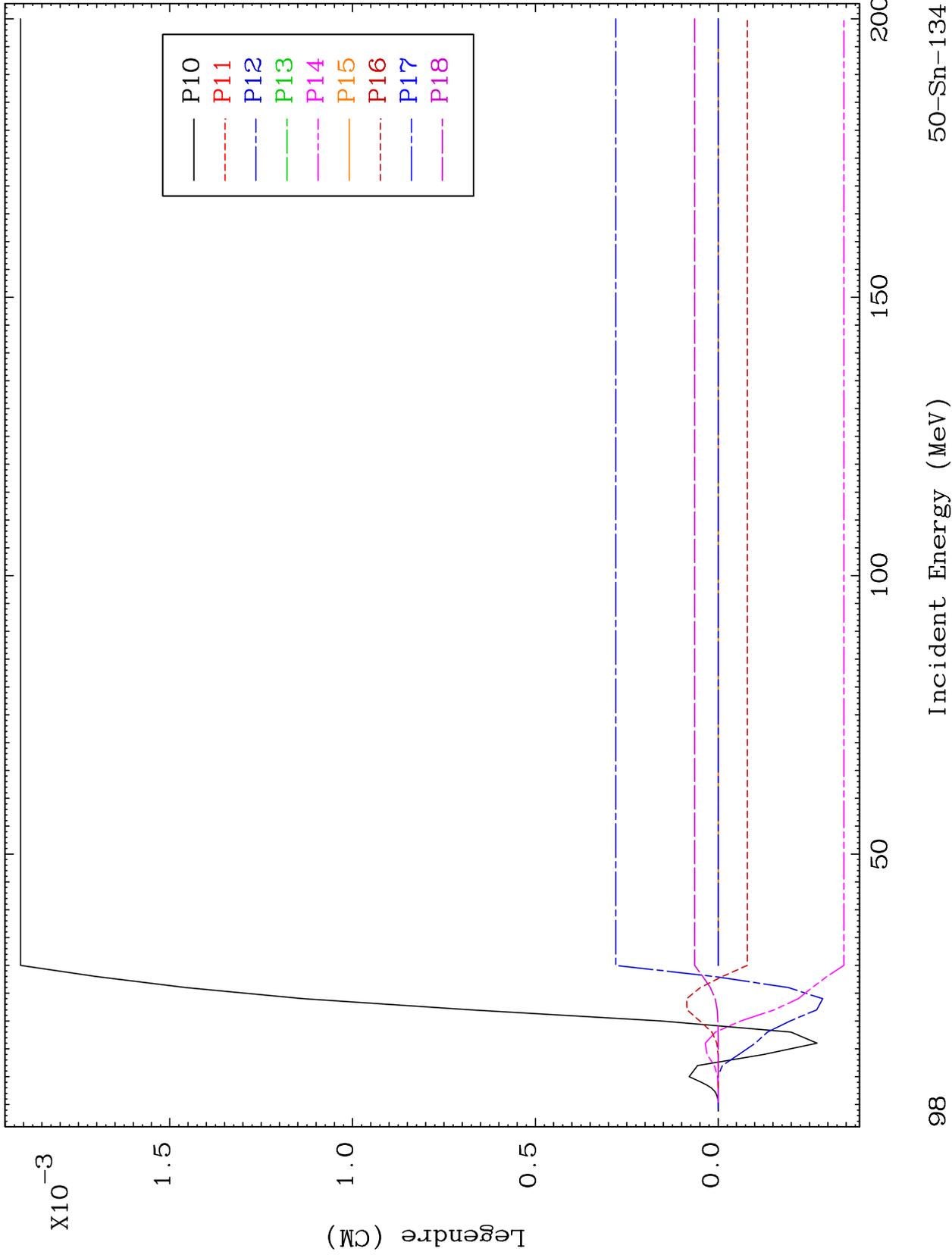
50-Sn-134

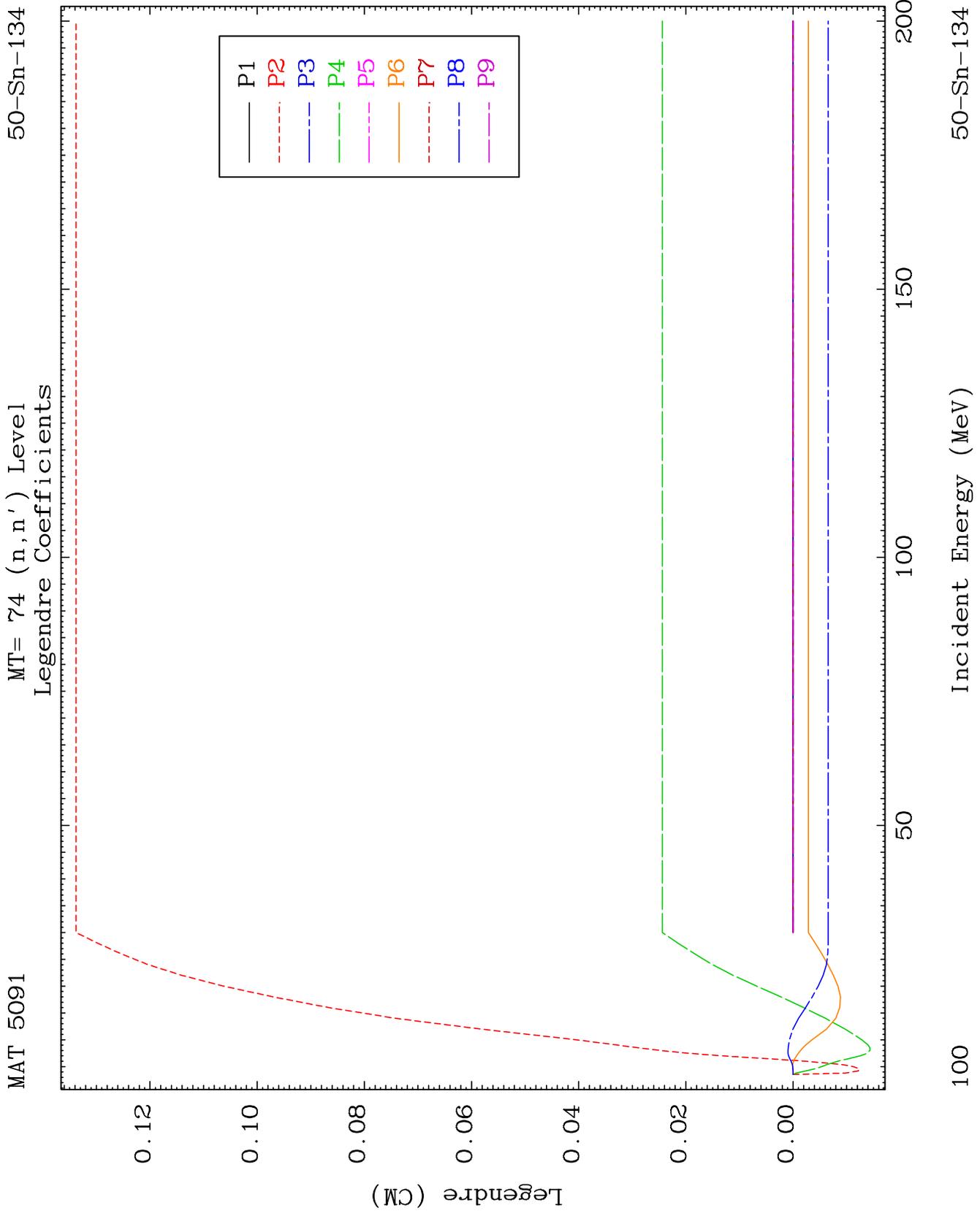


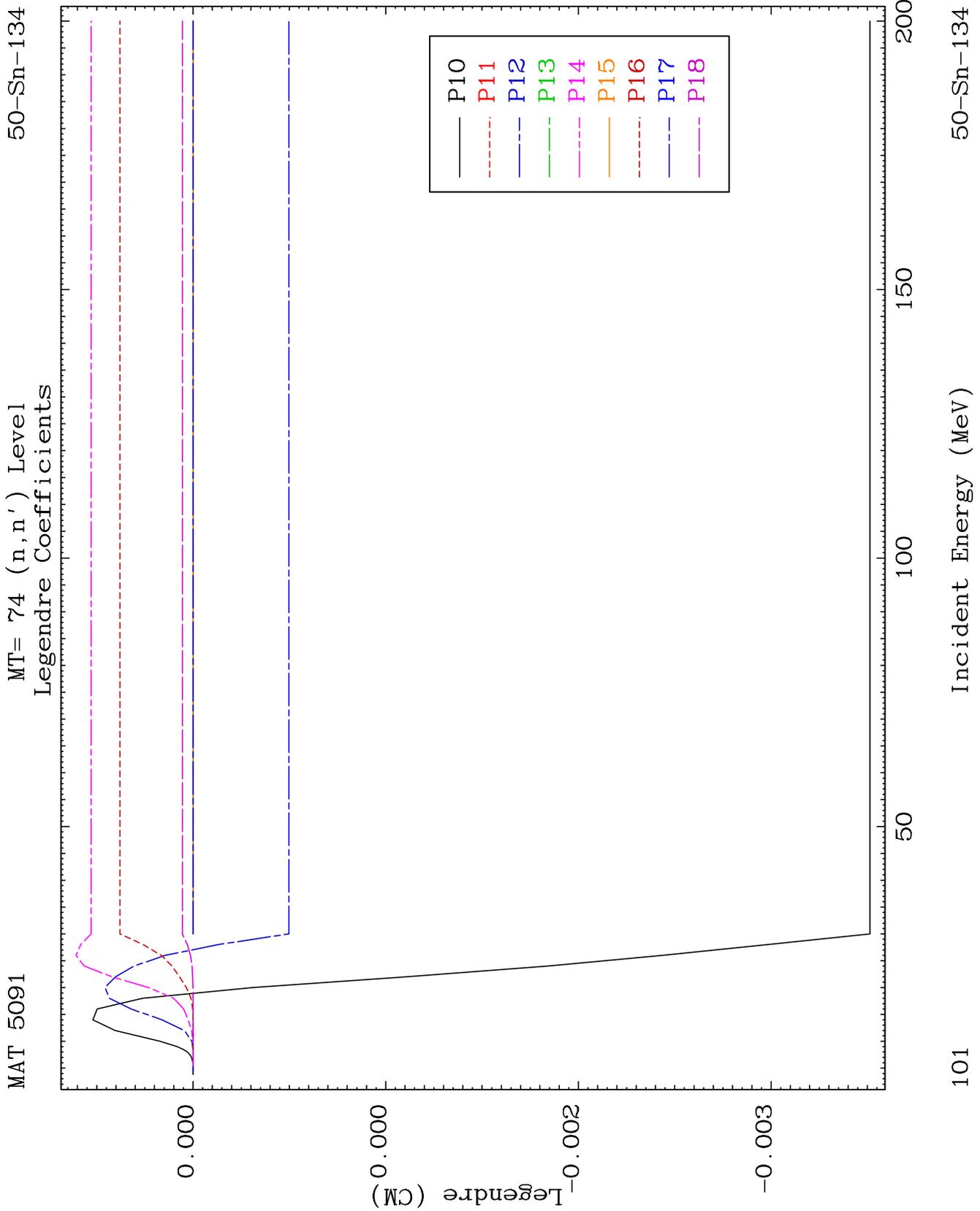
MAT 5091

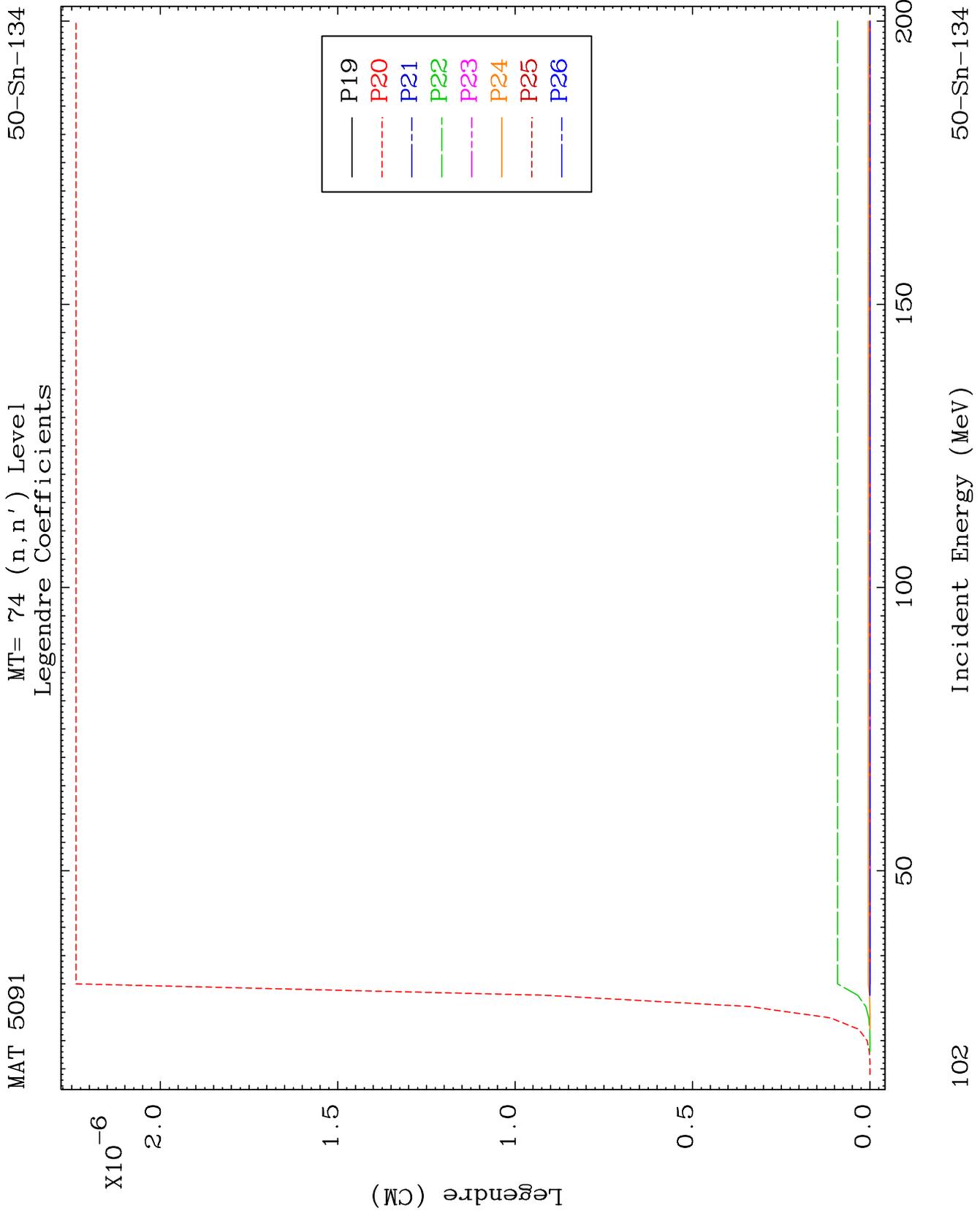
MT= 73 (n,n') Level
Legendre Coefficients

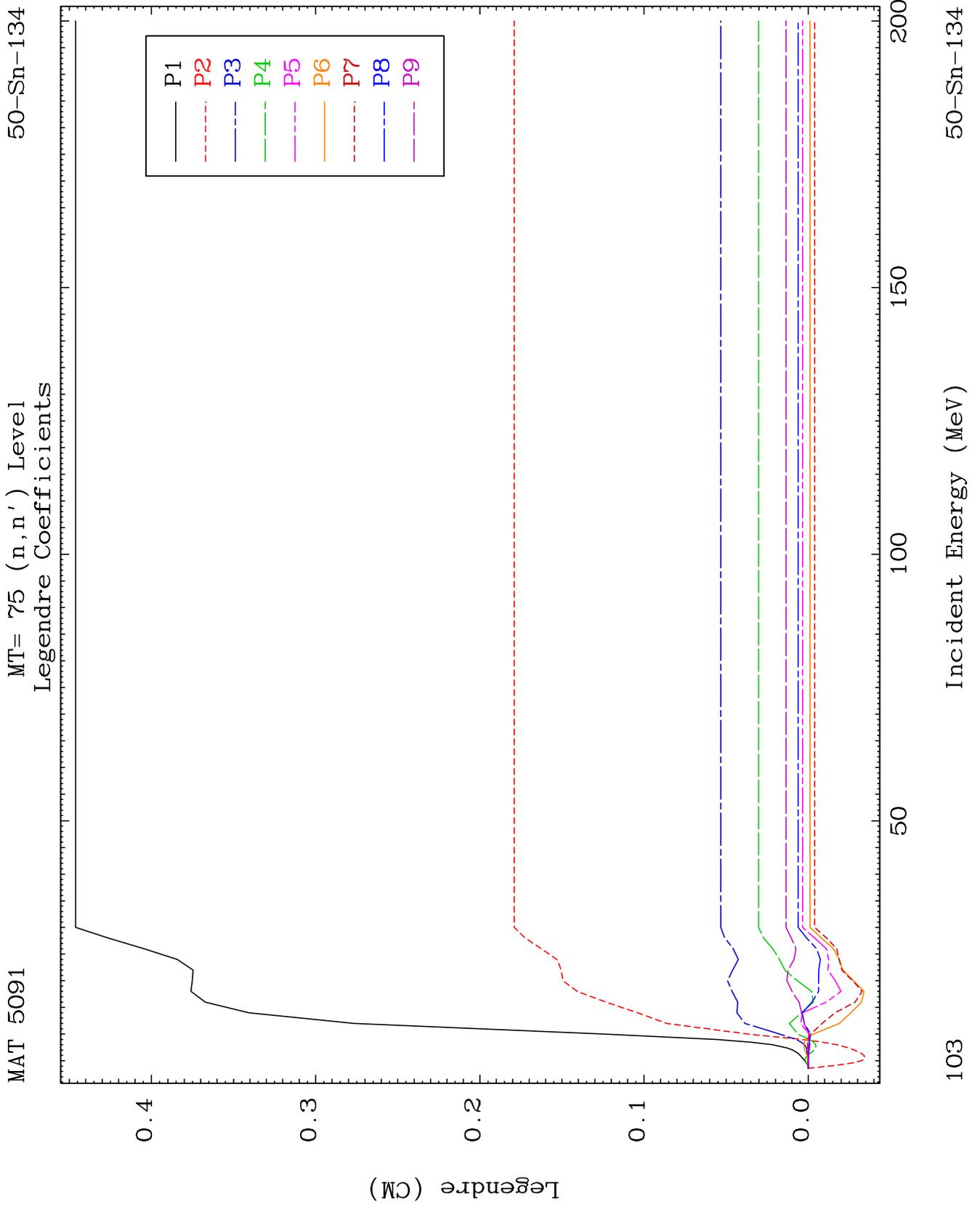
50-Sn-134







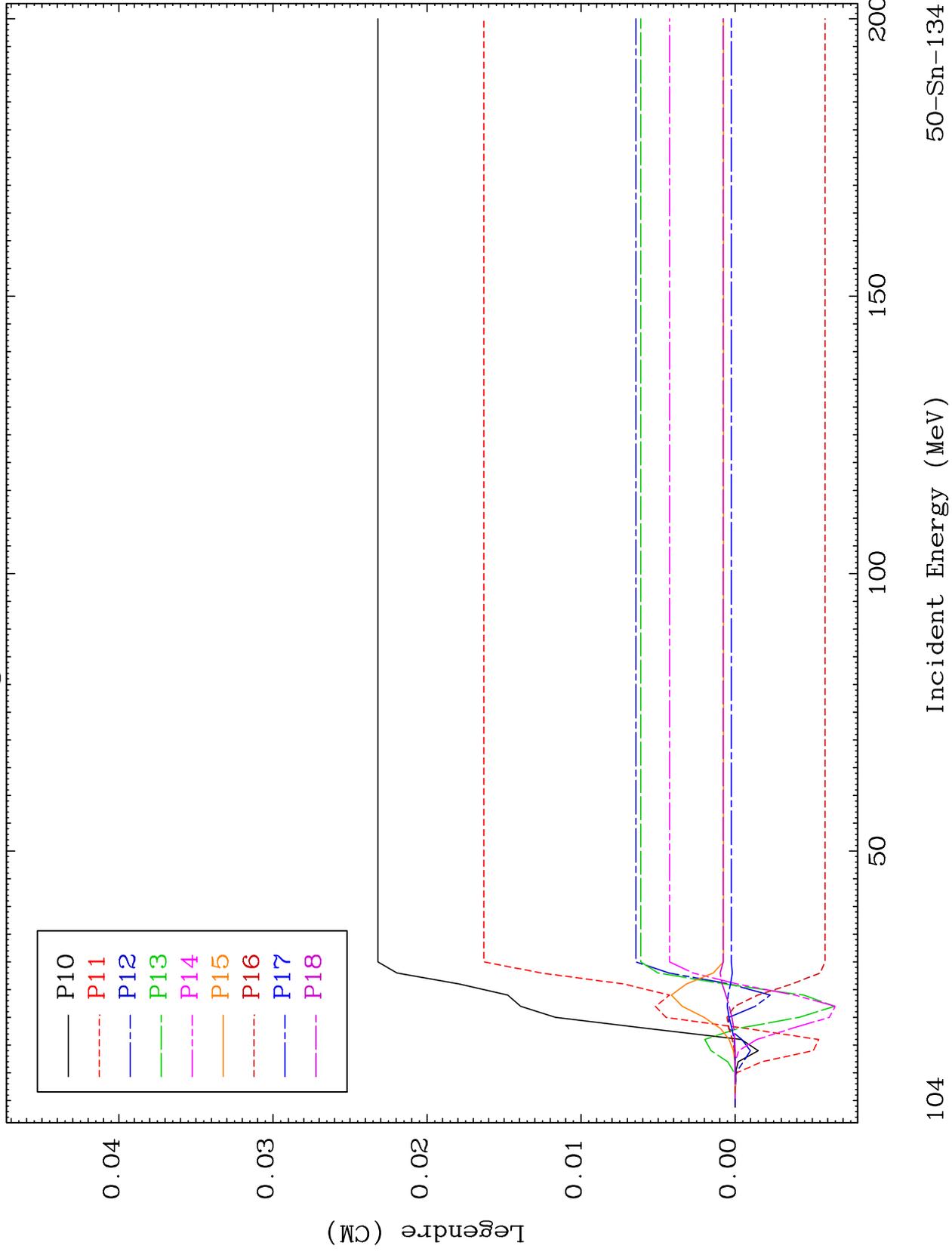




MAT 5091

50-Sn-134

MT= 75 (n,n') Level
Legendre Coefficients



104

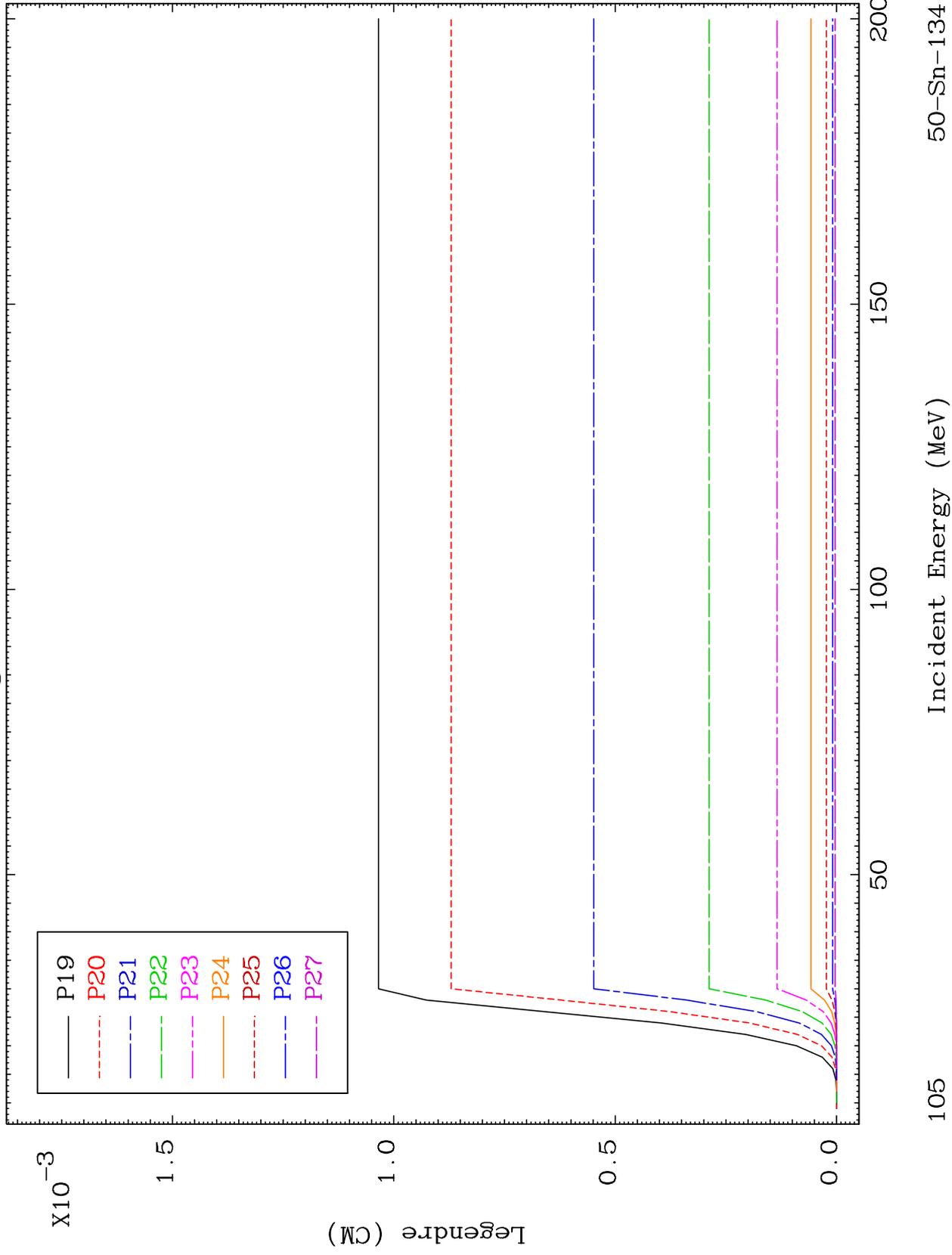
Incident Energy (MeV)

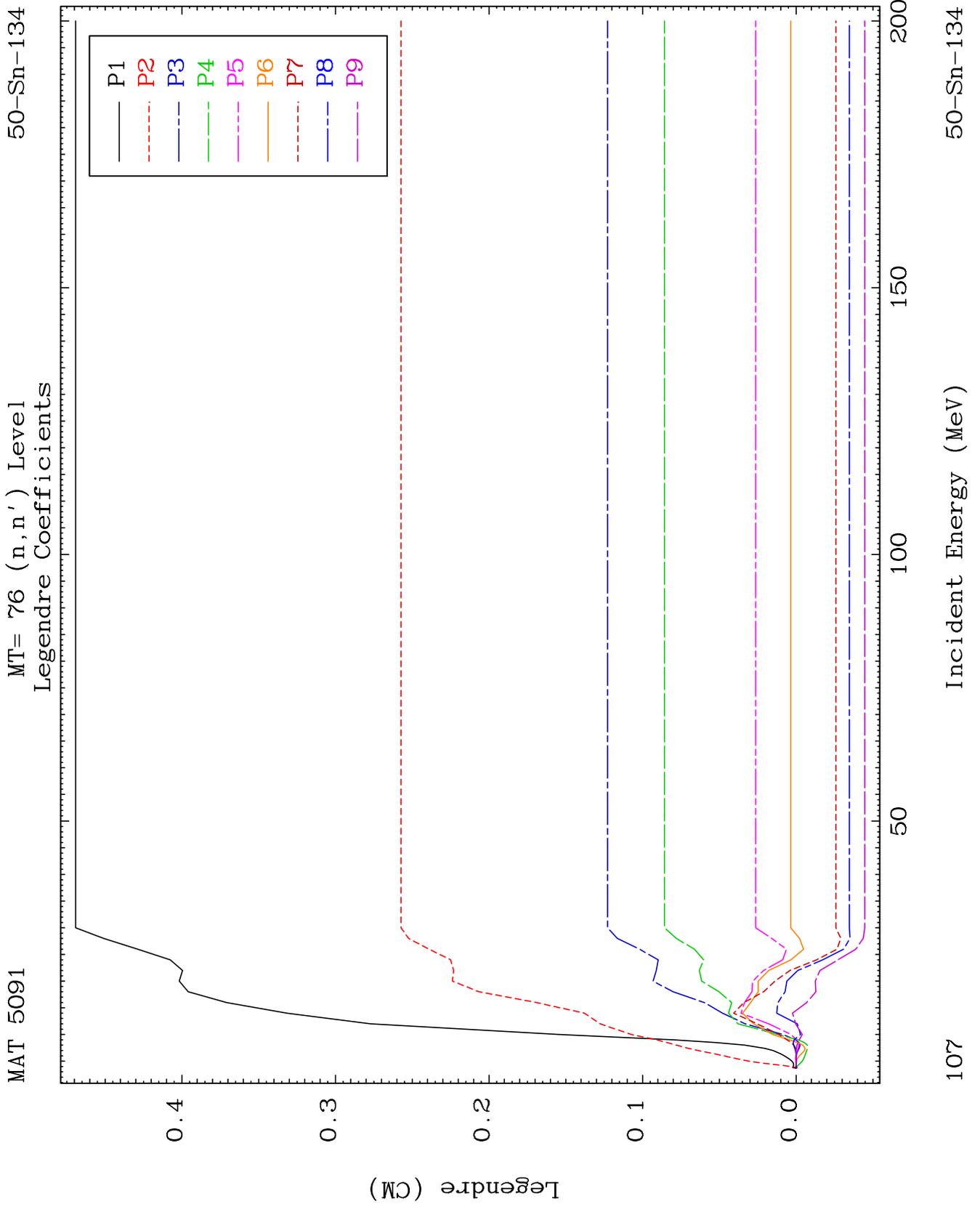
50-Sn-134

MAT 5091

MT= 75 (n,n') Level
Legendre Coefficients

50-Sn-134

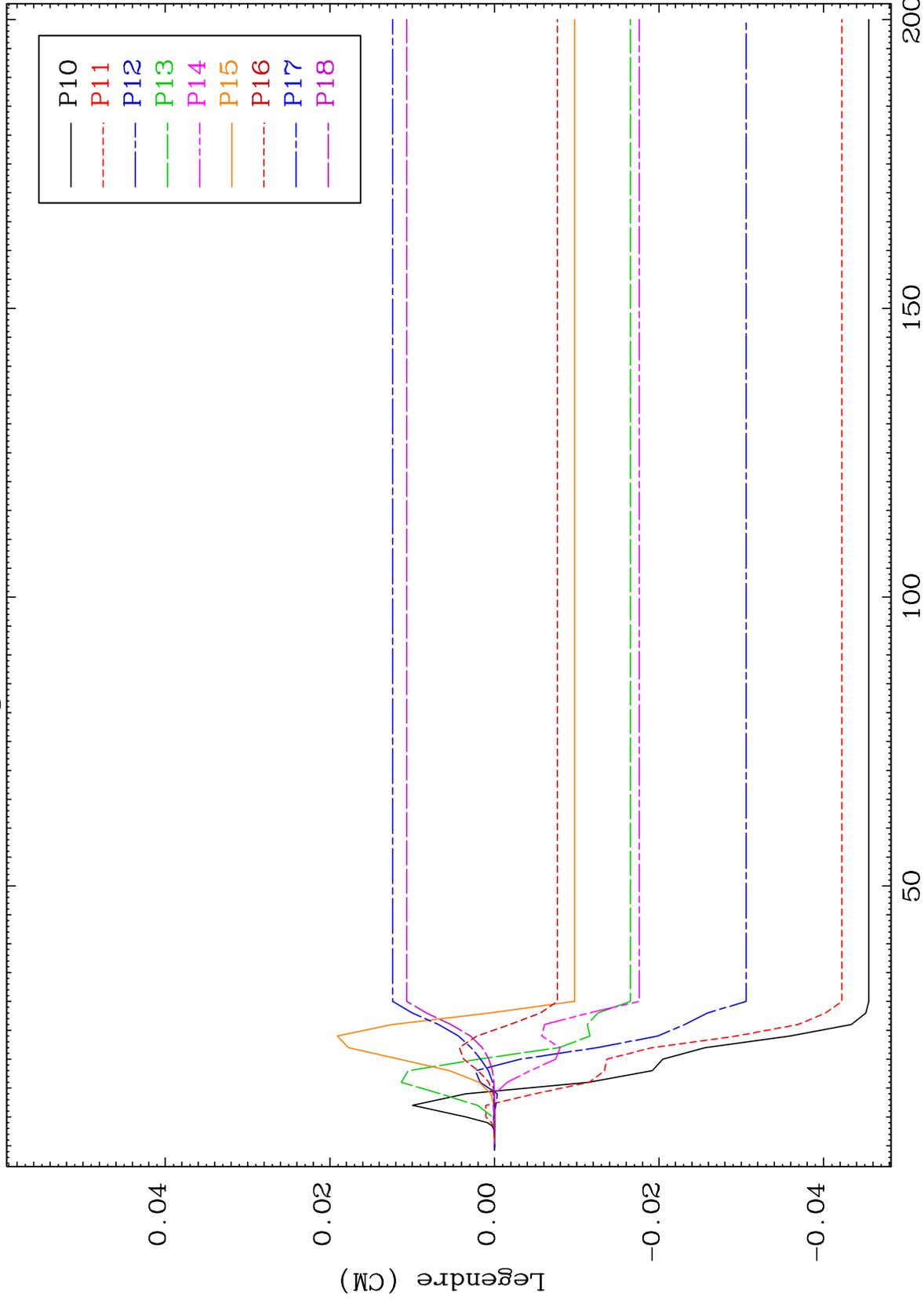




MAT 5091

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

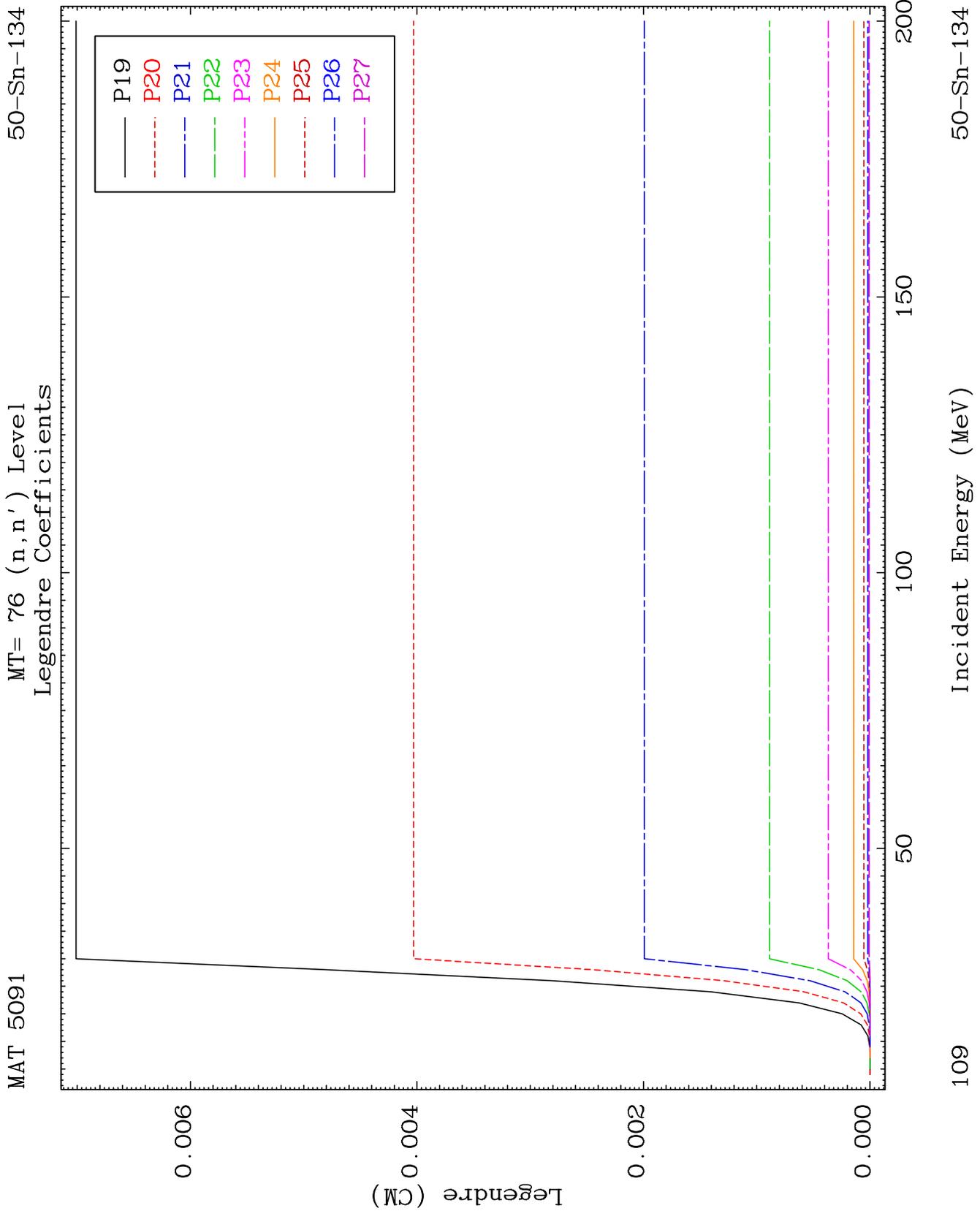
50-Sn-134

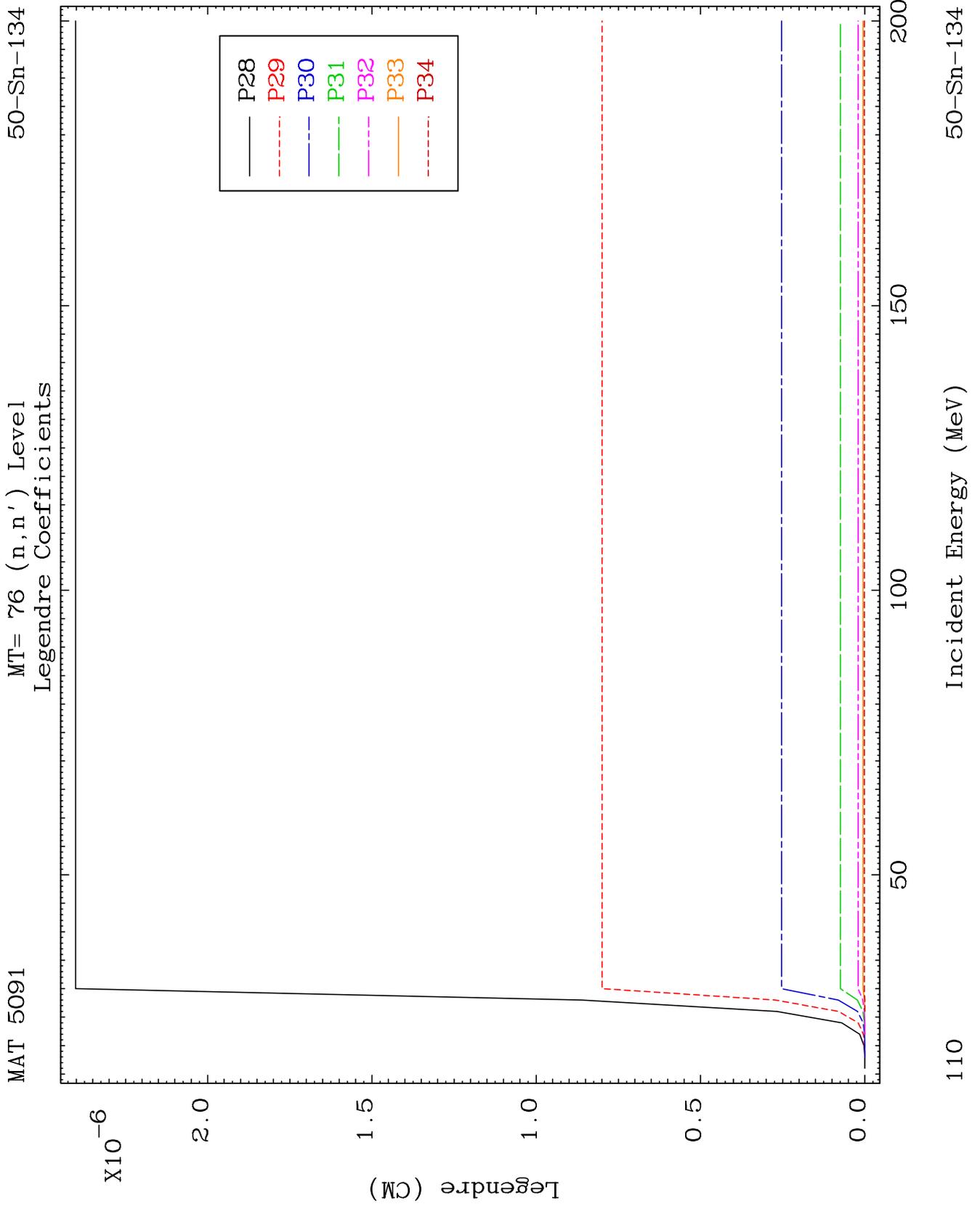


108

Incident Energy (MeV)

50-Sn-134

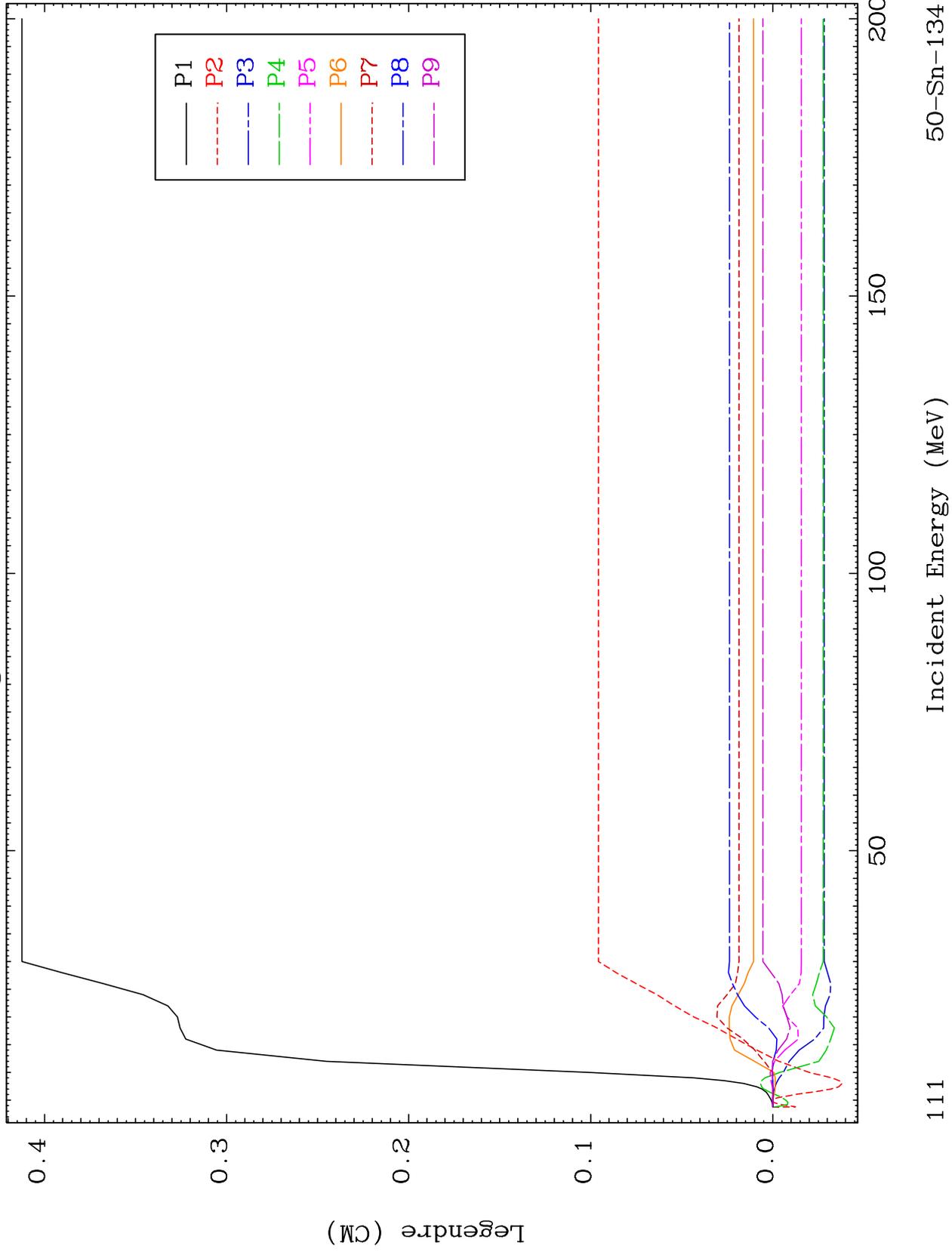




MAT 5091

MT= 77 (n,n') Level
Legendre Coefficients

50-Sn-134



111

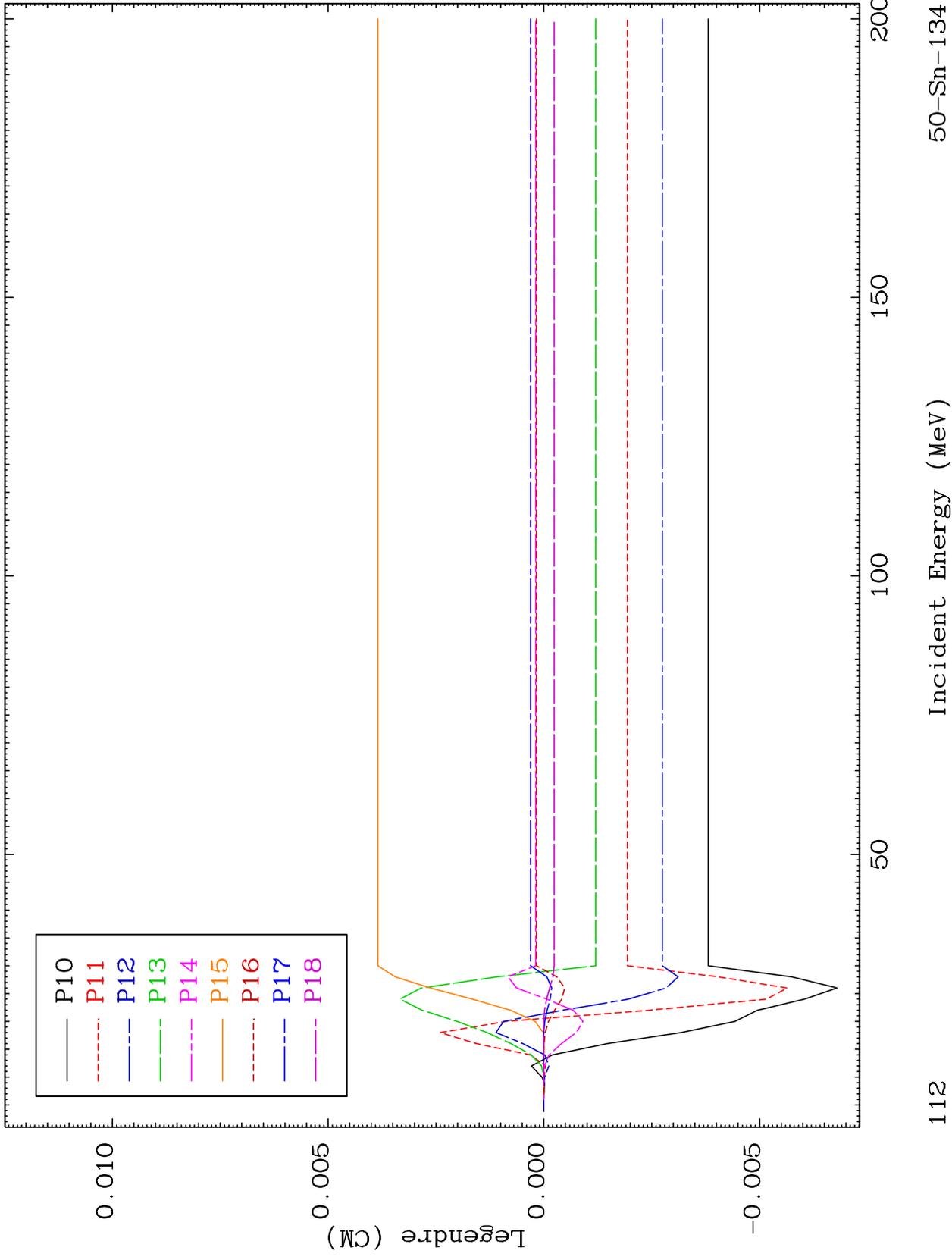
Incident Energy (MeV)

50-Sn-134

MAT 5091

50-Sn-134

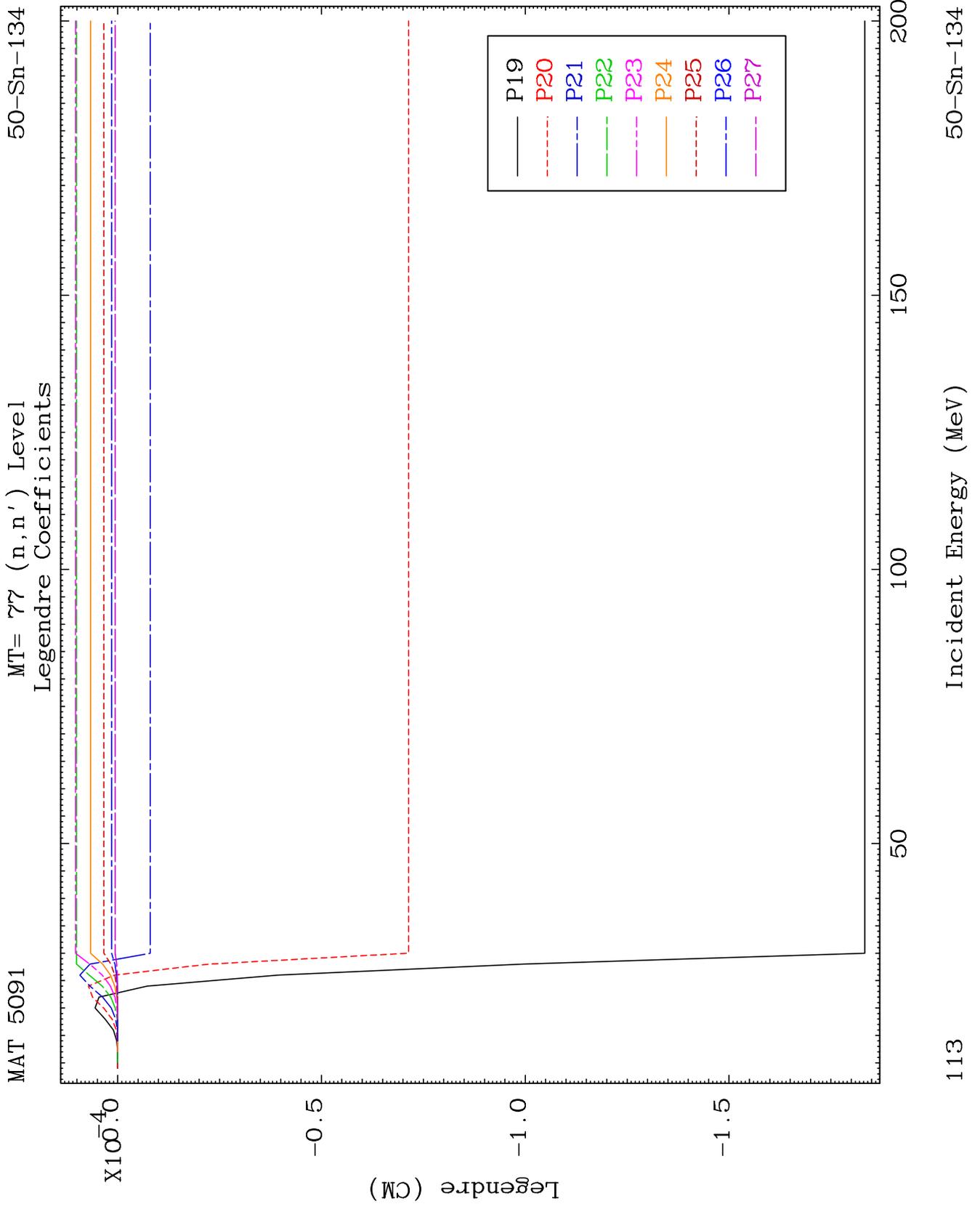
MT= 77 (n,n') Level
Legendre Coefficients

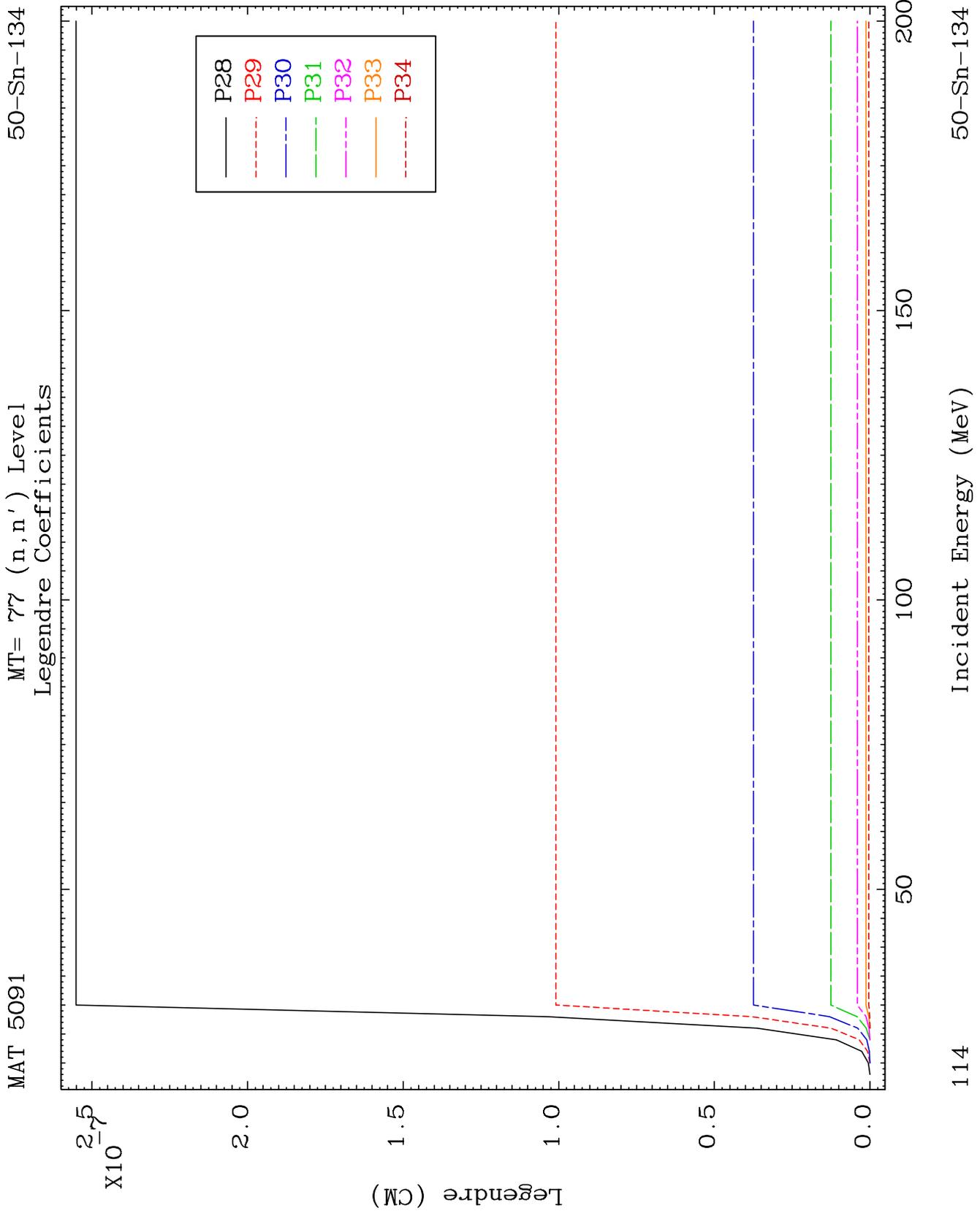


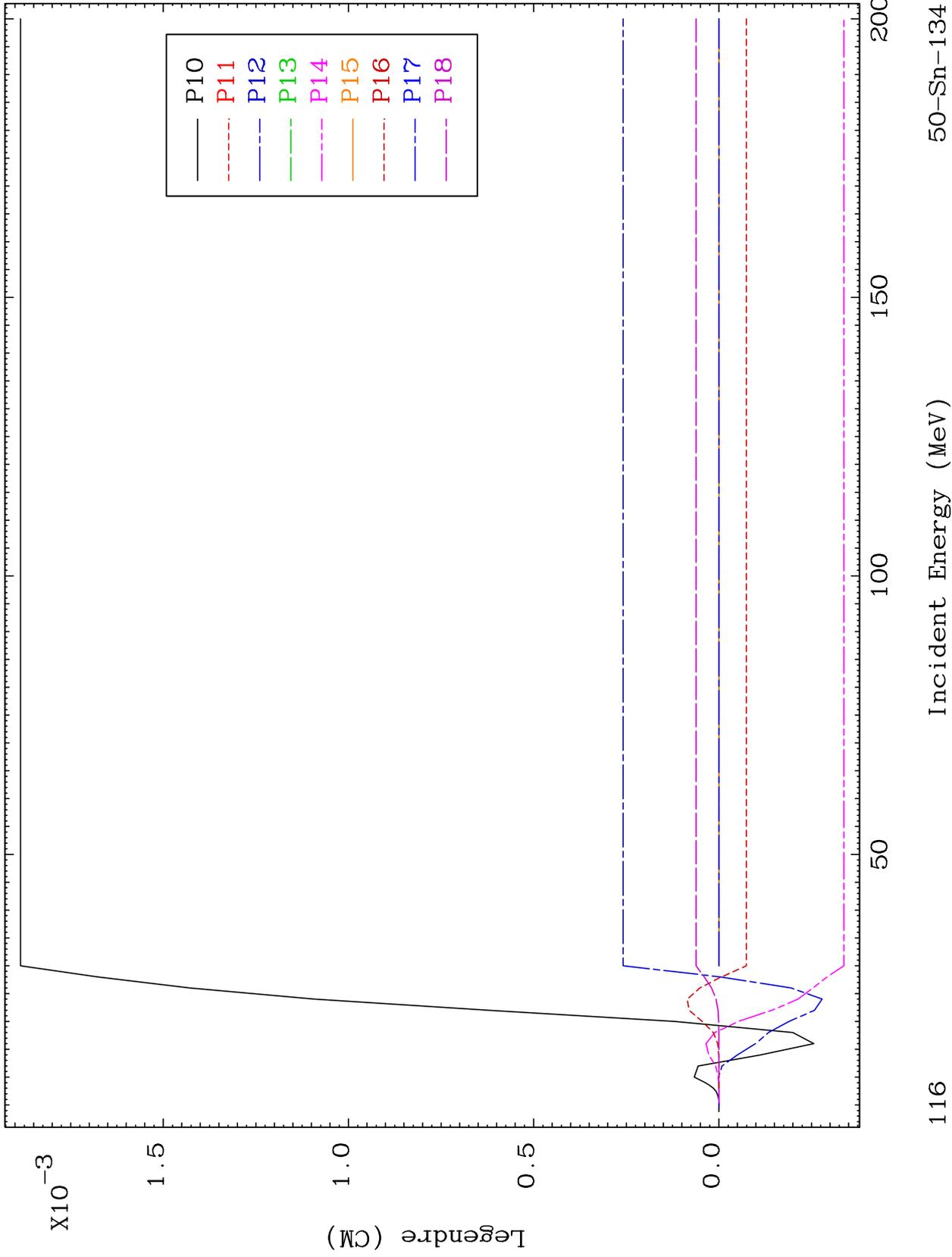
112

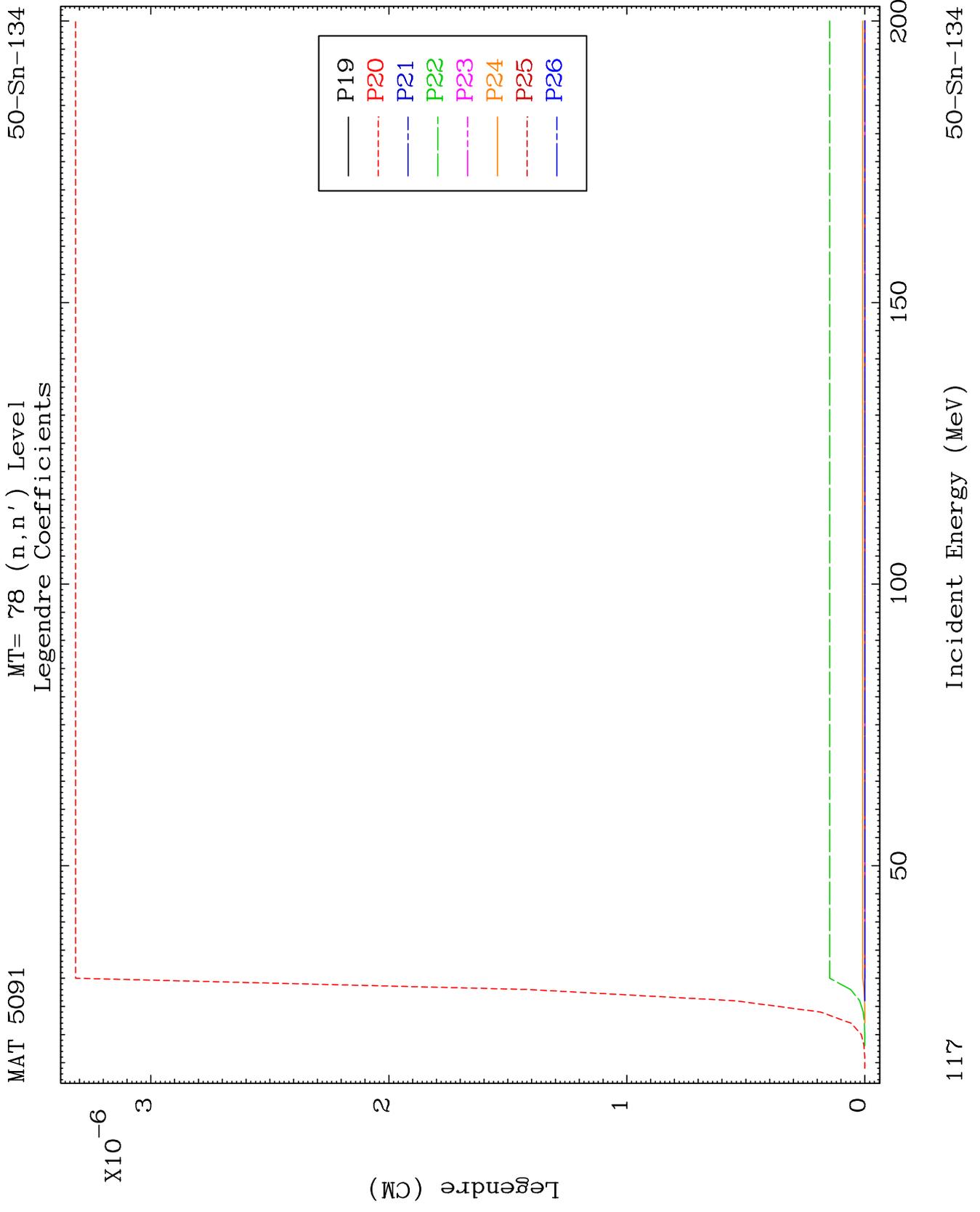
50-Sn-134

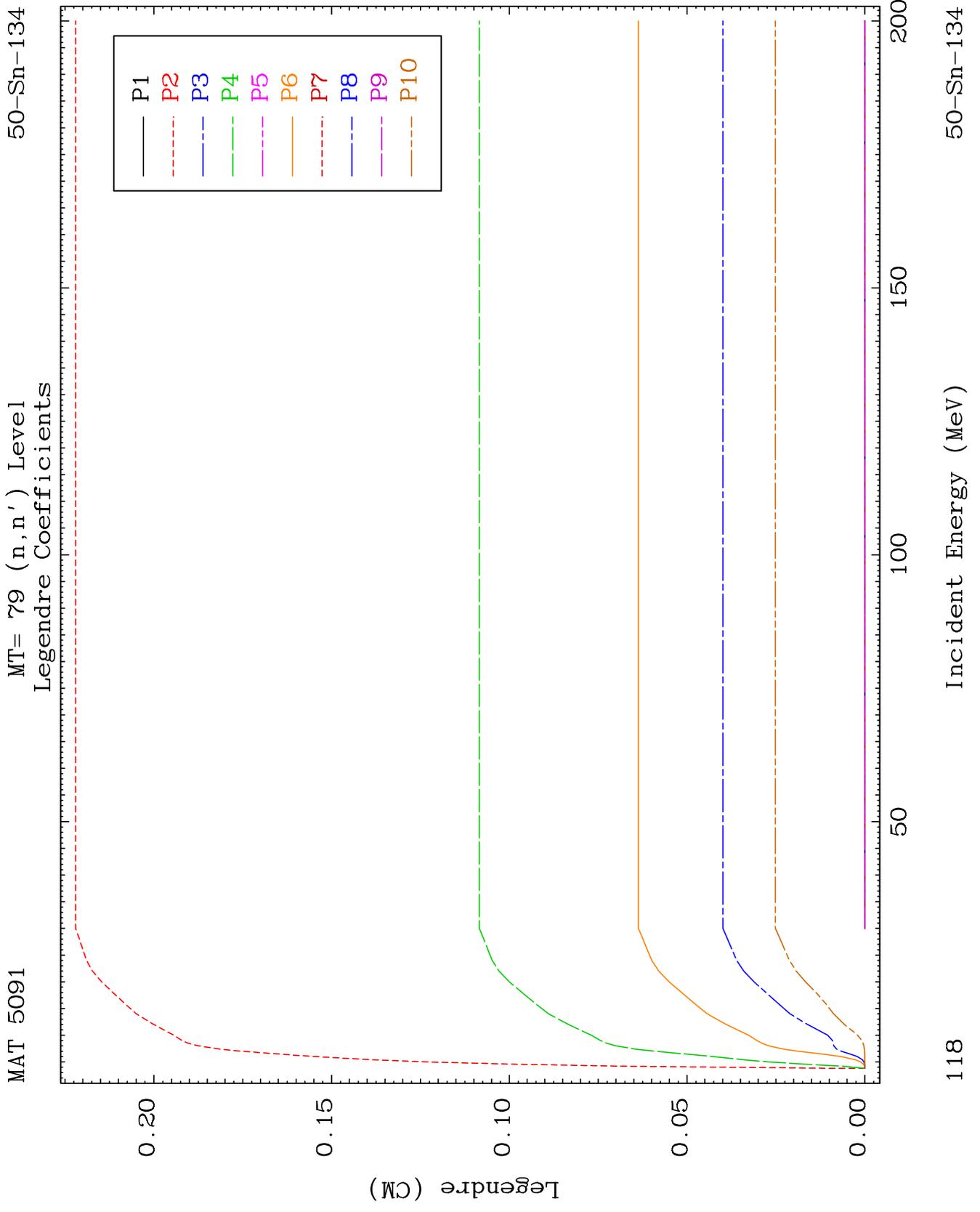
Incident Energy (MeV)

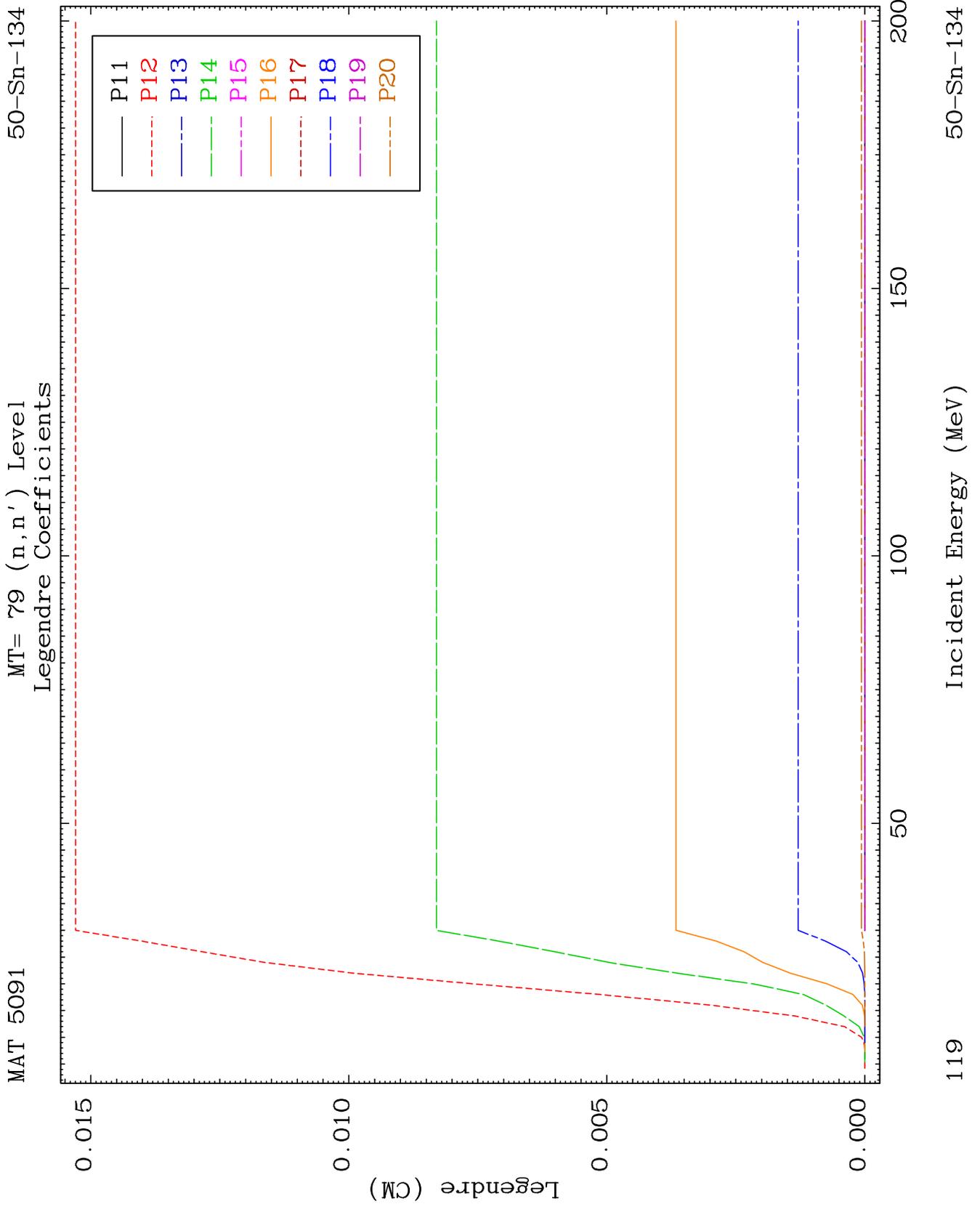


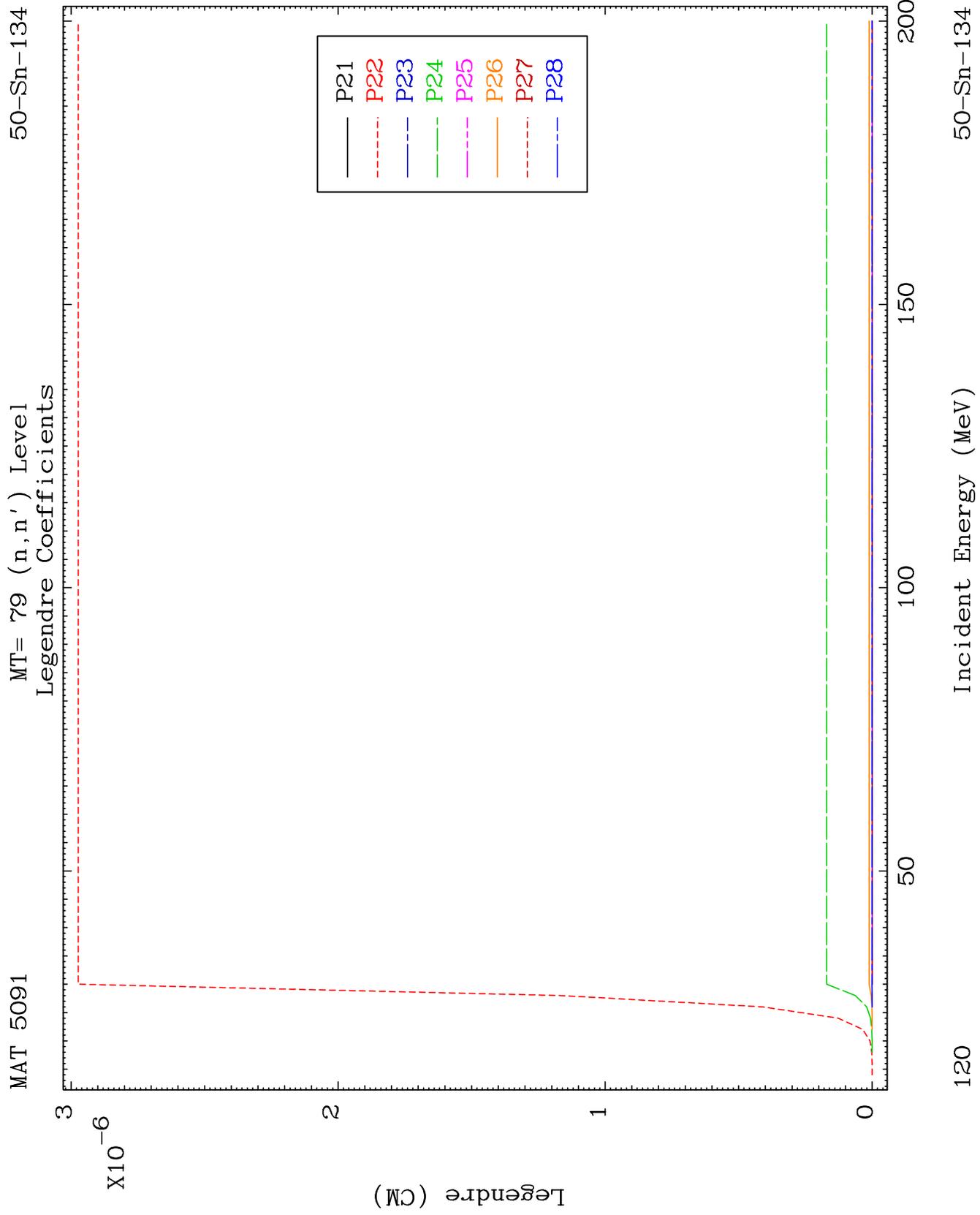


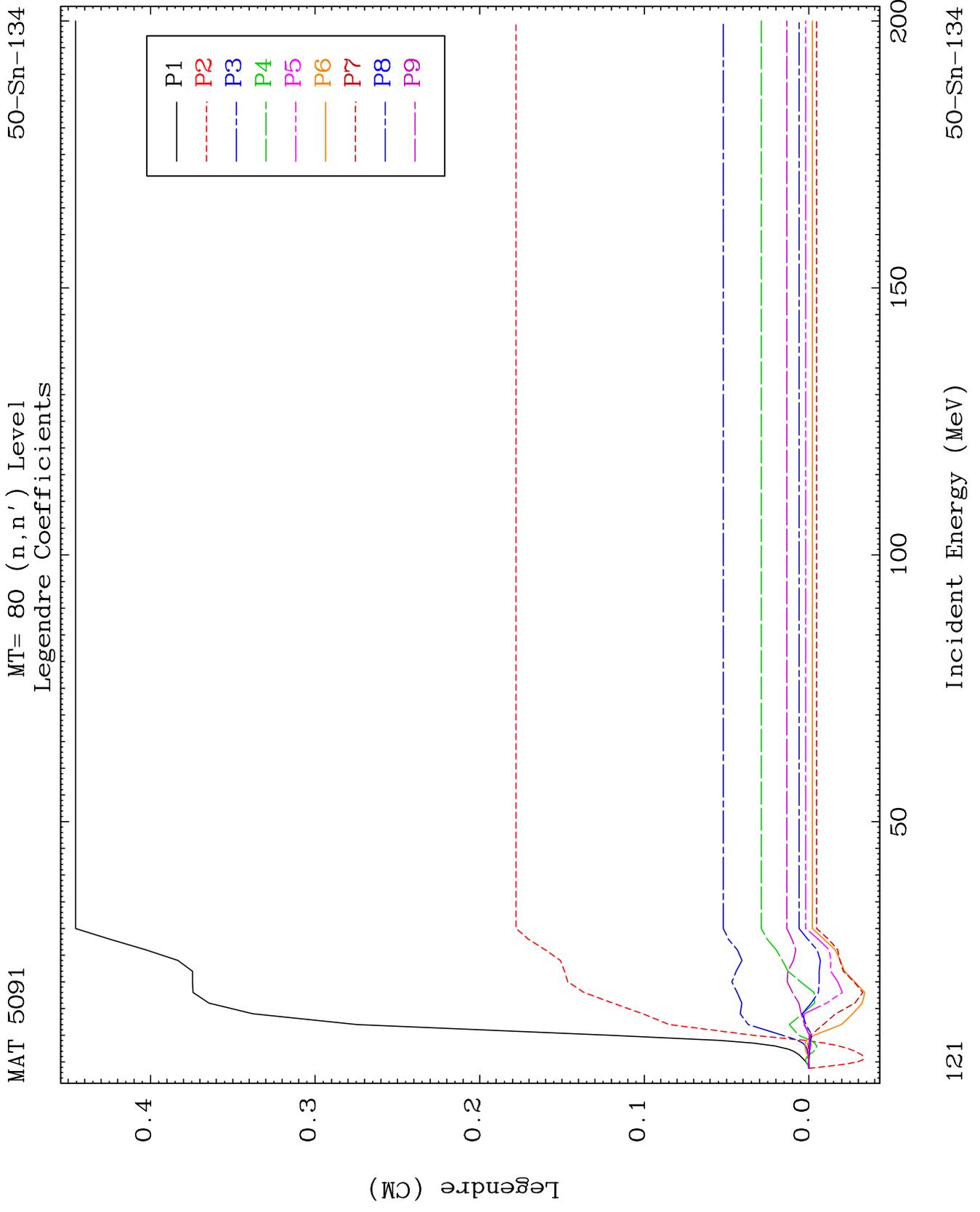








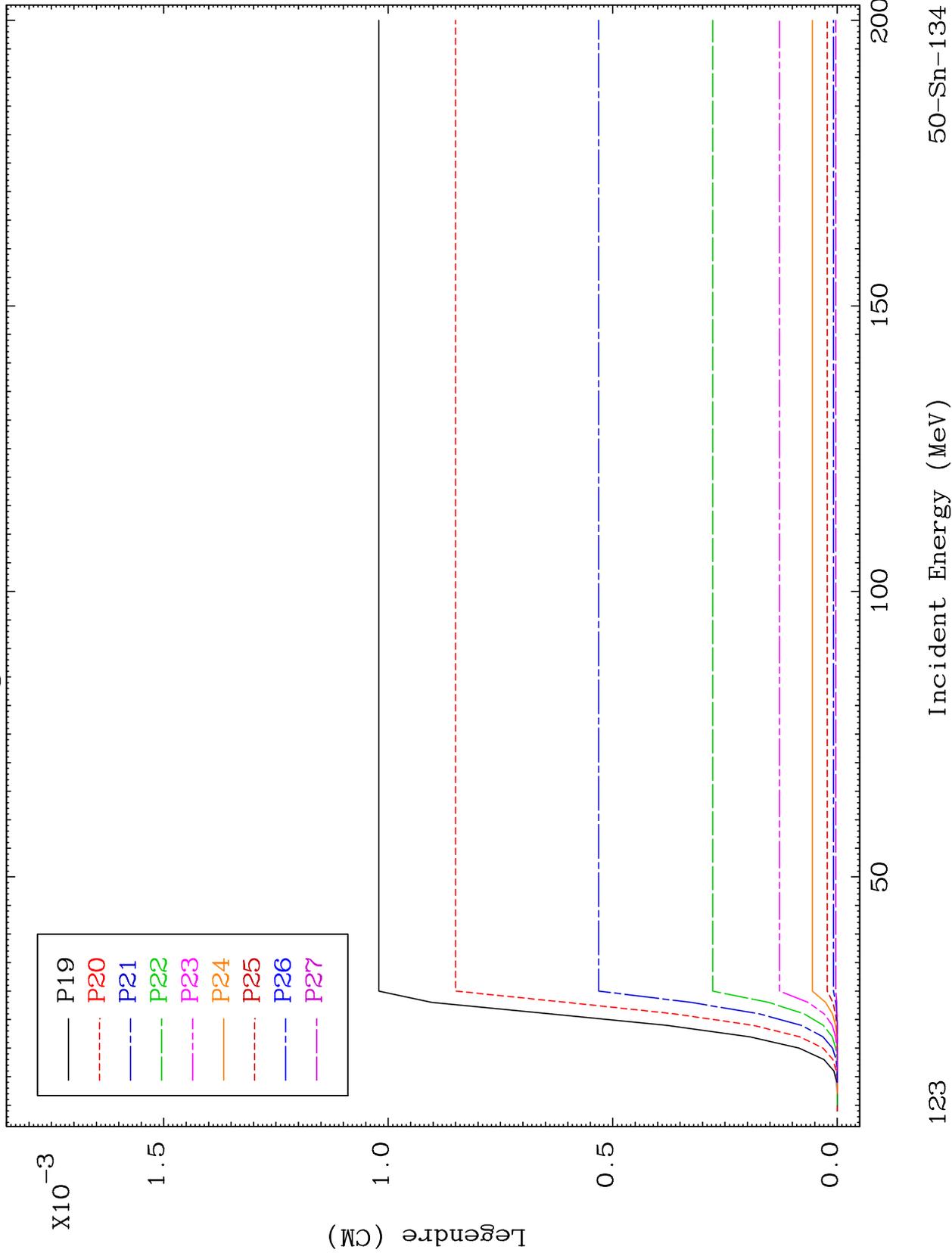




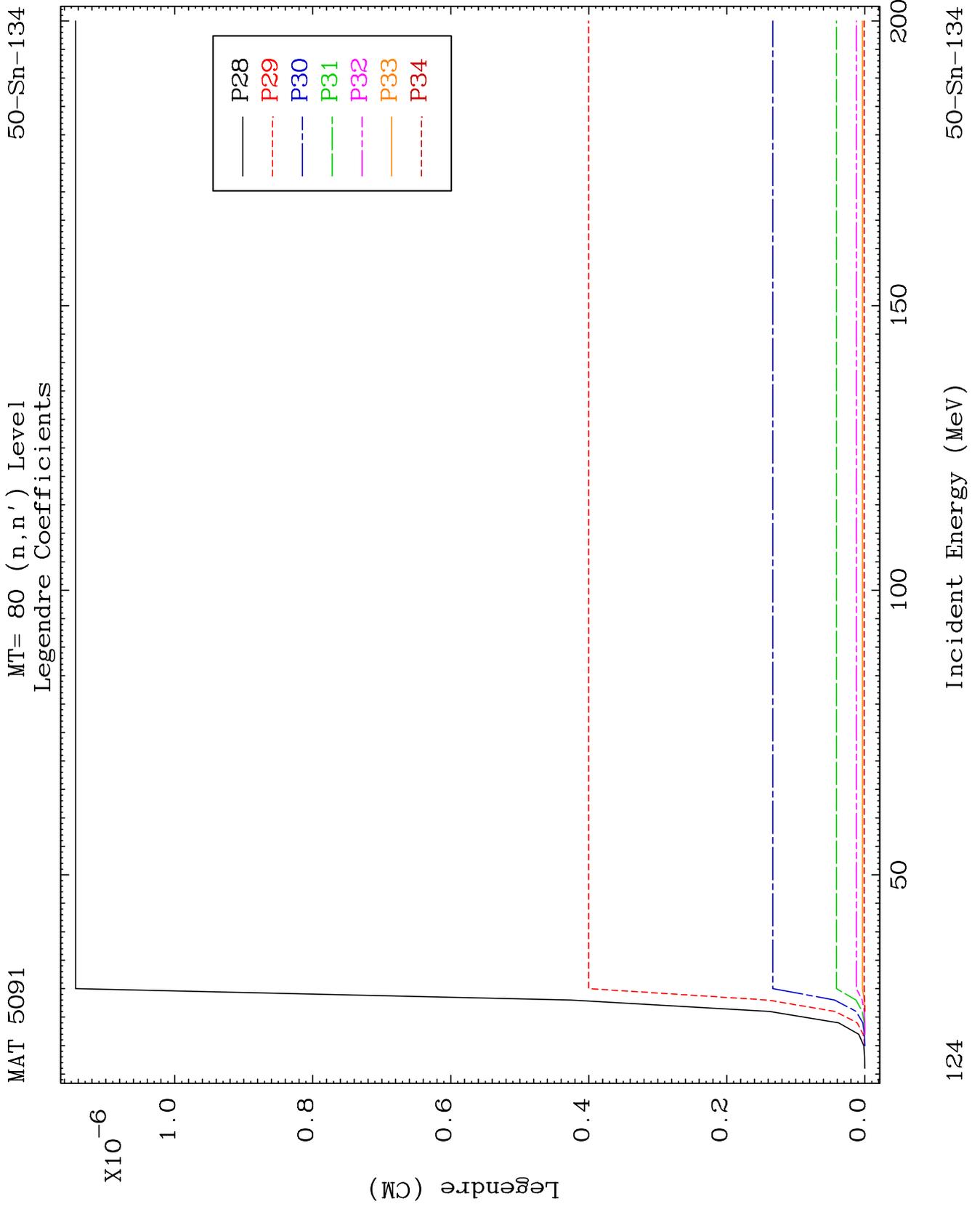
MAT 5091

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

50-Sn-134



123

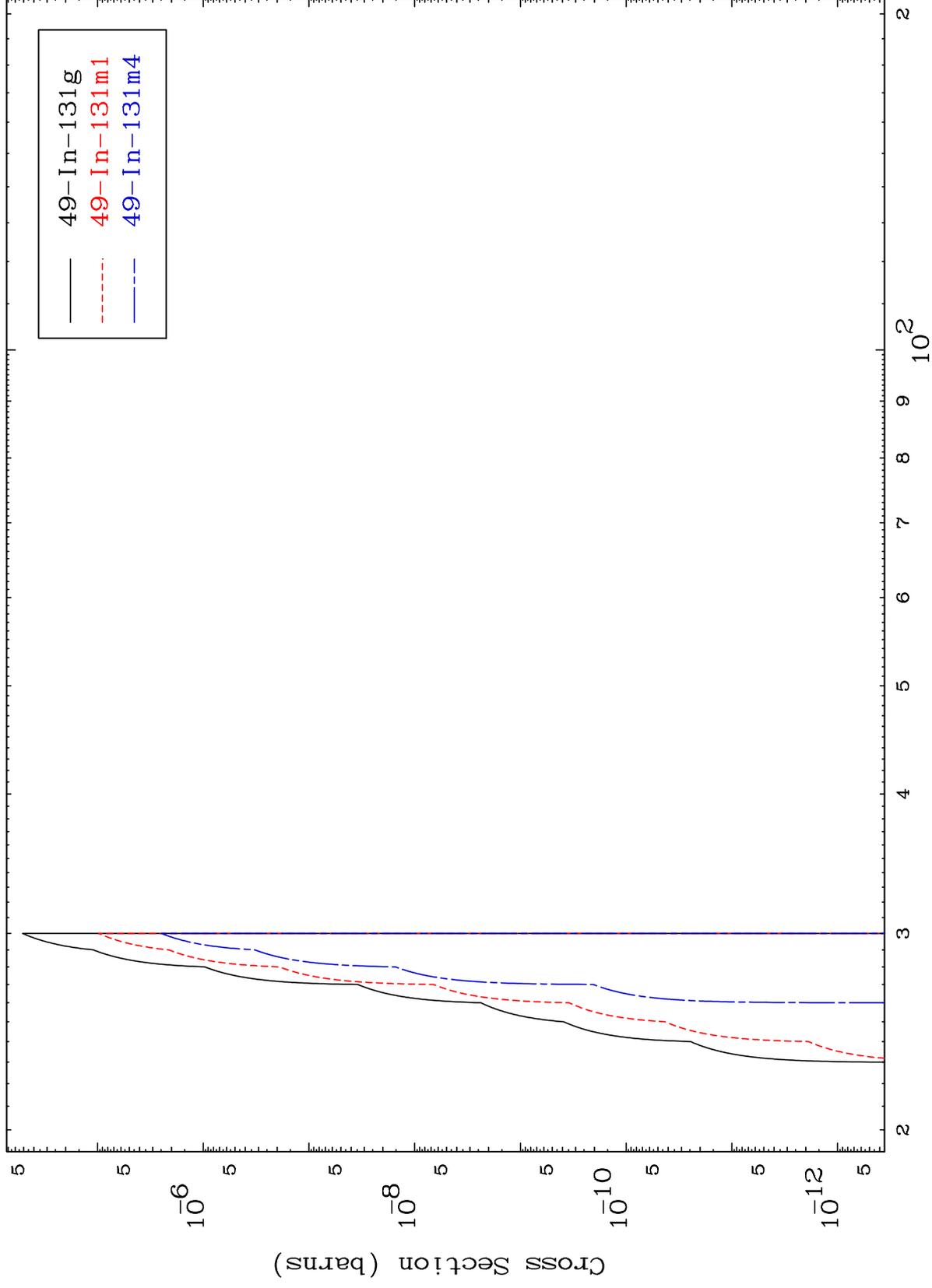


MAT 5091

(n,2n) d

50-Sn-134

Radionuclide Production Cross Section



125

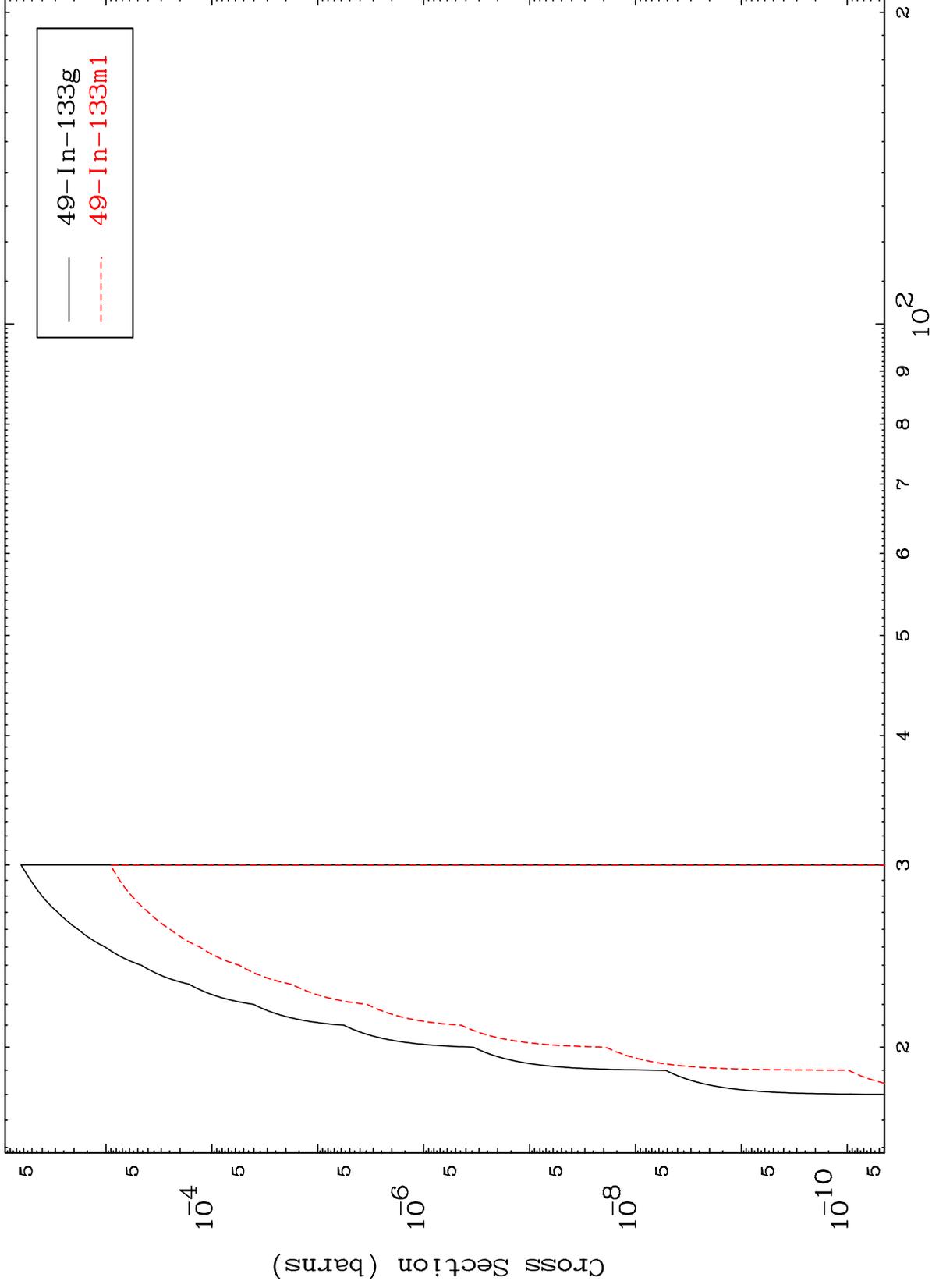
Incident Energy (MeV)

50-Sn-134

MAT 5091

50-Sn-134

(n, n') p
Radionuclide Production Cross Section



50-Sn-134

Incident Energy (MeV)

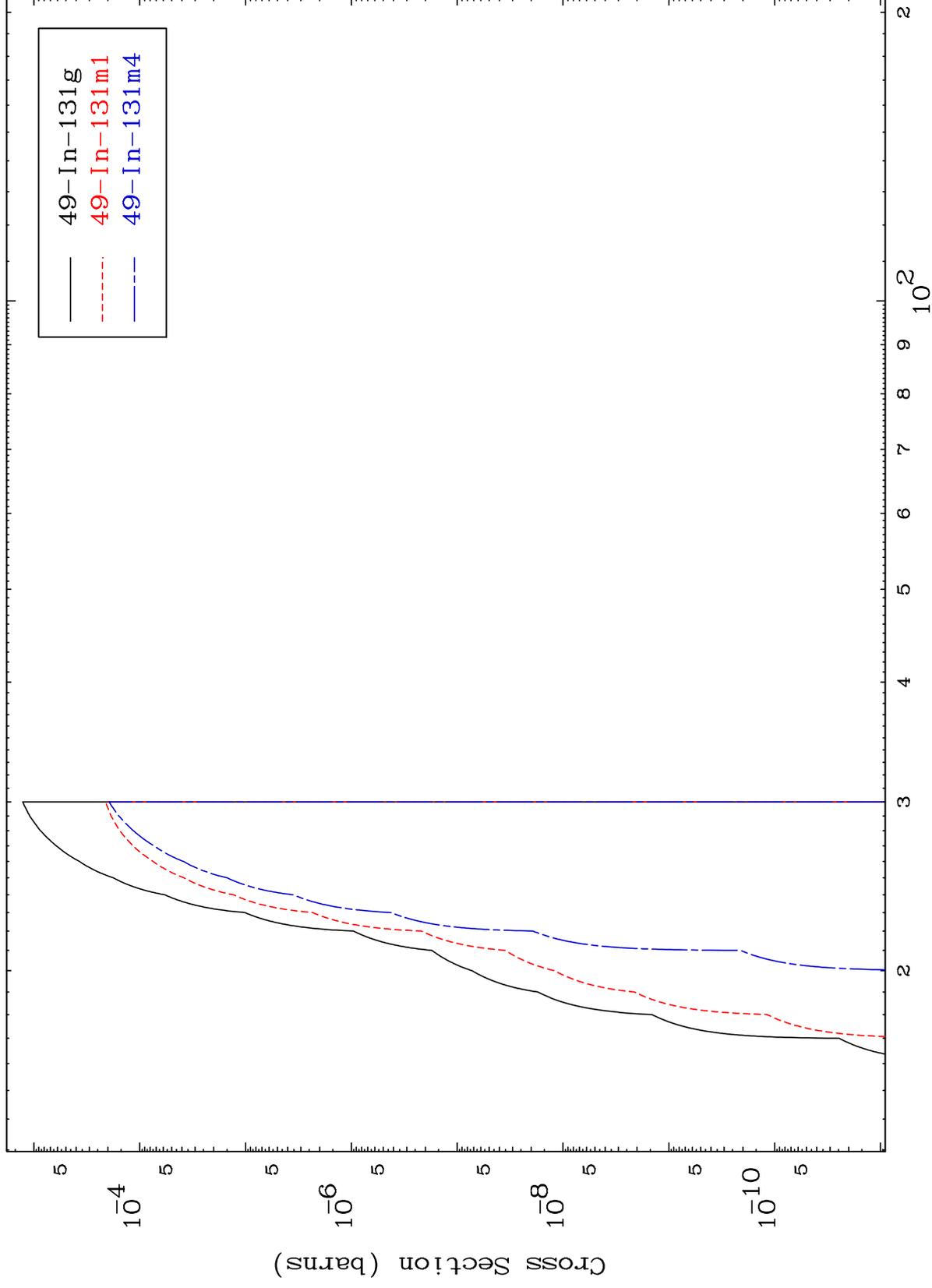
126

MAT 5091

(n,n') t

50-Sn-134

Radionuclide Production Cross Section



127

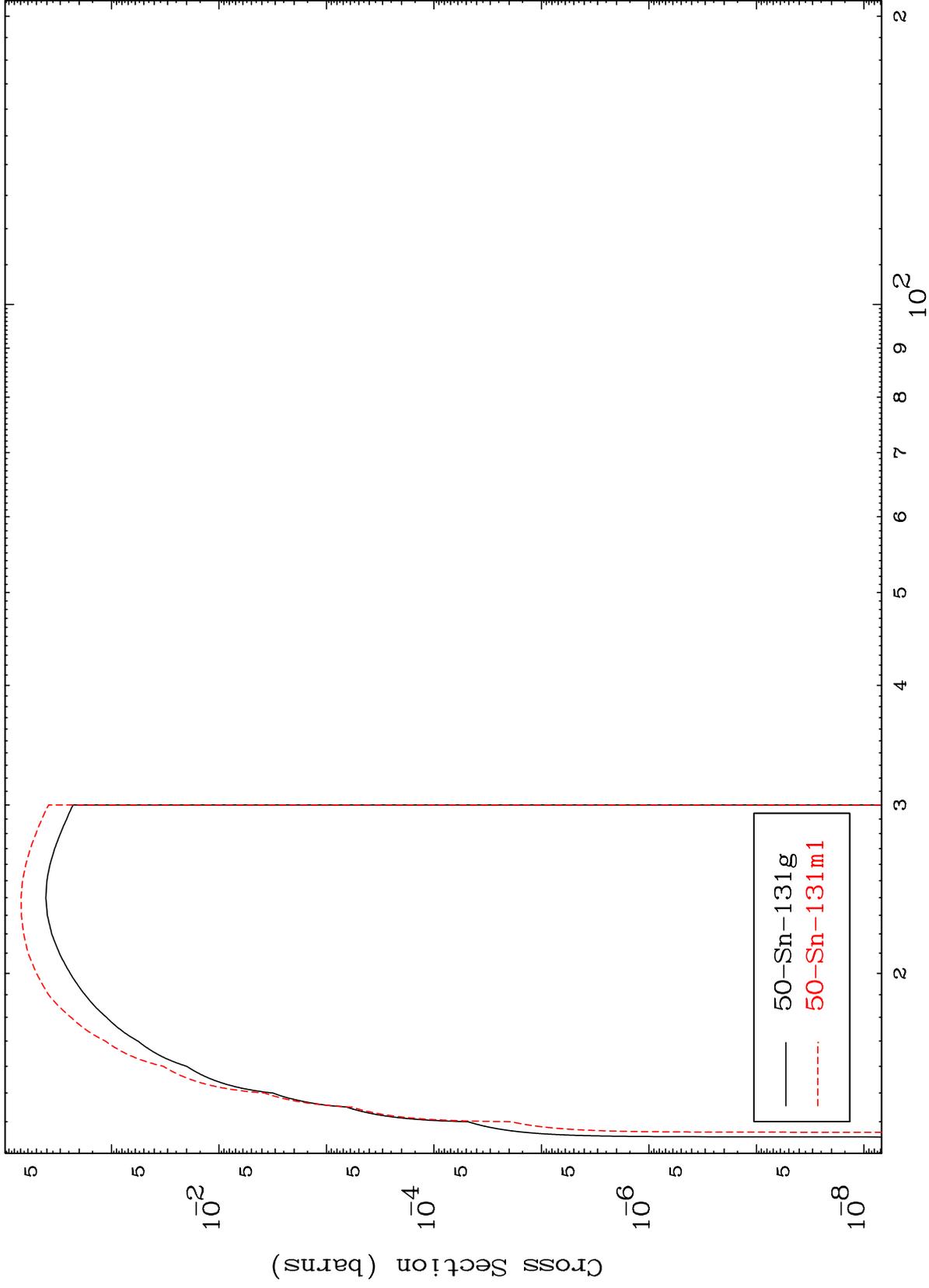
Incident Energy (MeV)

50-Sn-134

MAT 5091

50-Sn-134

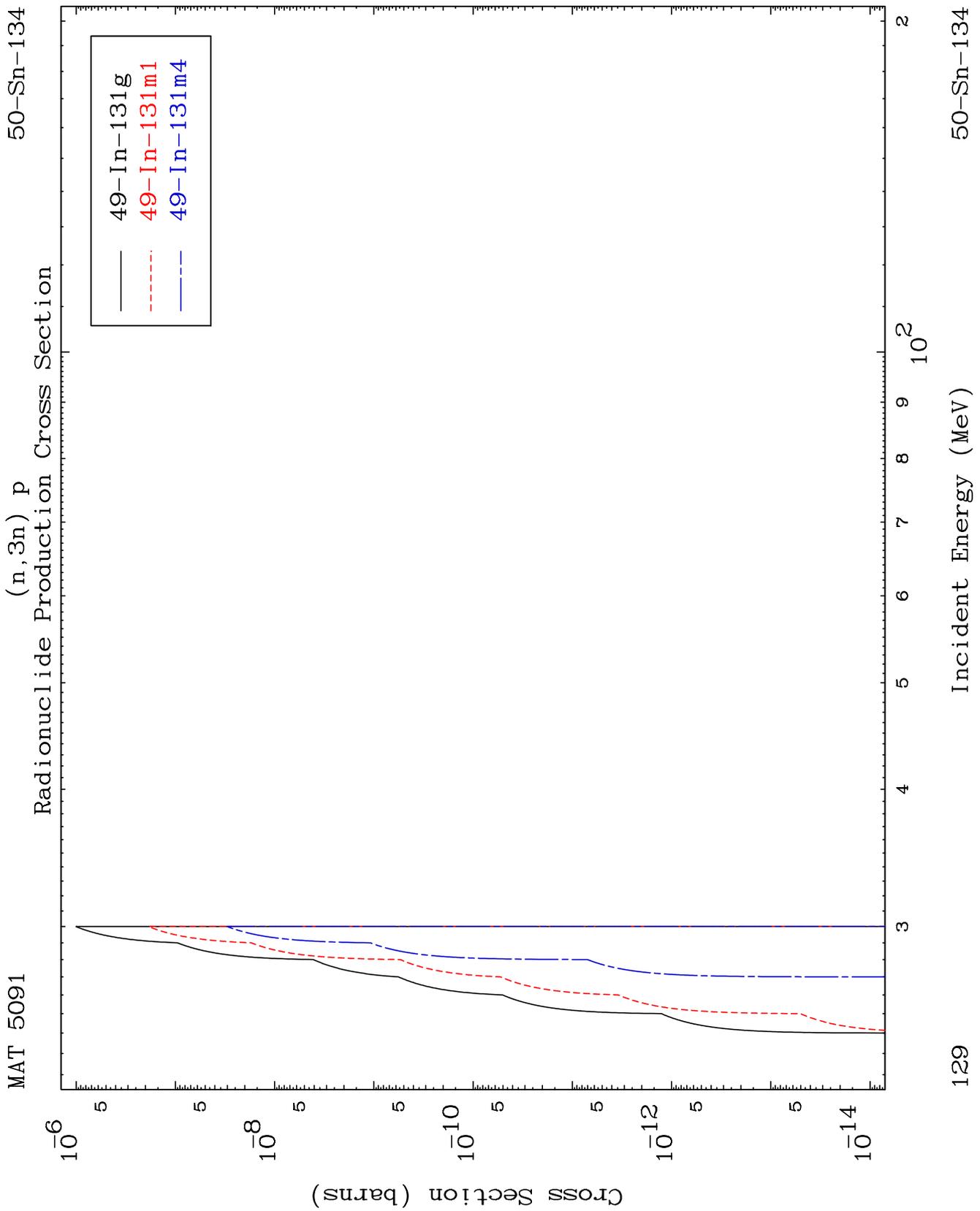
(n,4n)
Radionuclide Production Cross Section



50-Sn-134

Incident Energy (MeV)

128

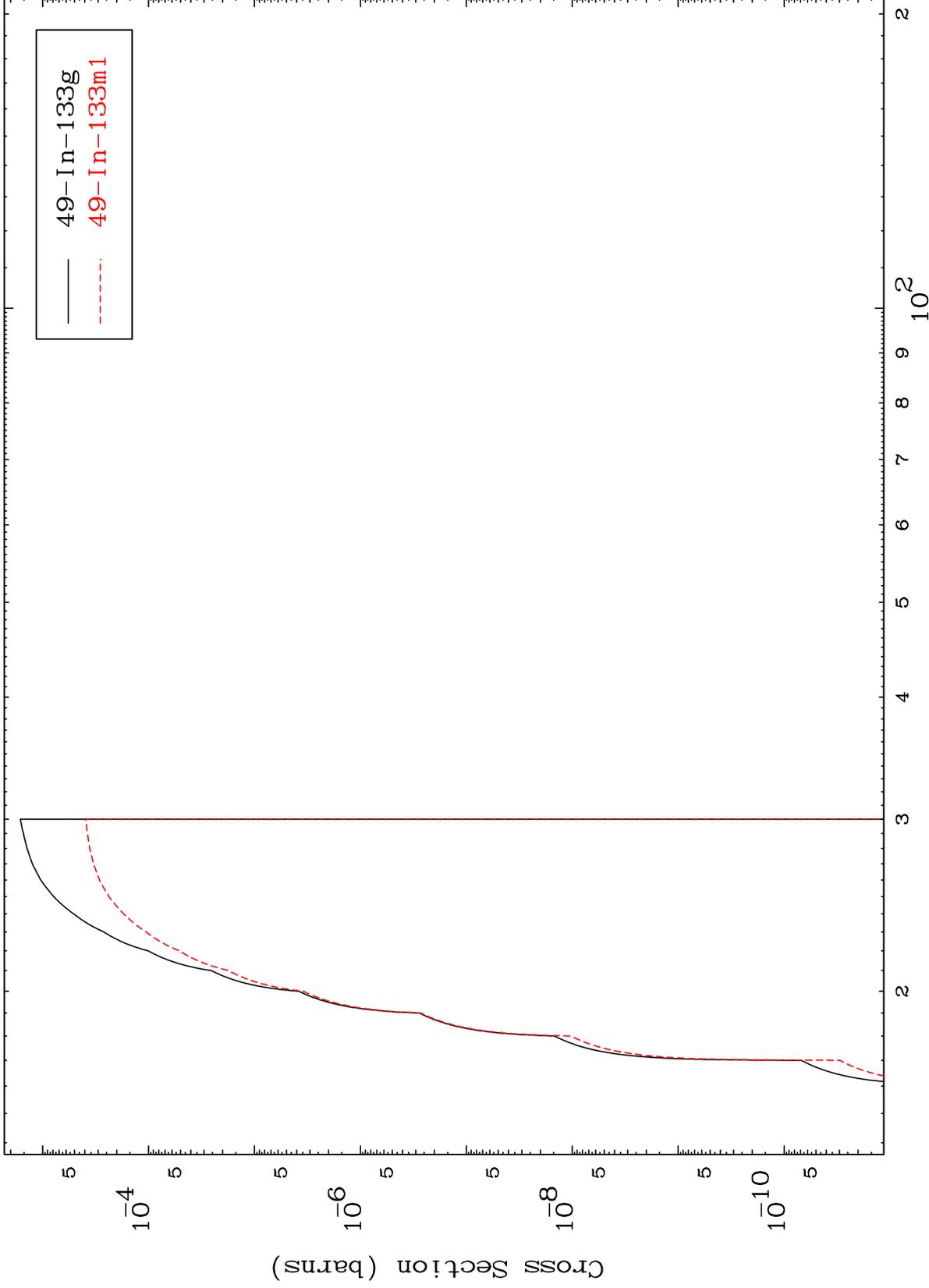


MAT 5091

(n,d)

50-Sn-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

50-Sn-134