

Program EVALPLOT
(Version 2015-2)

by

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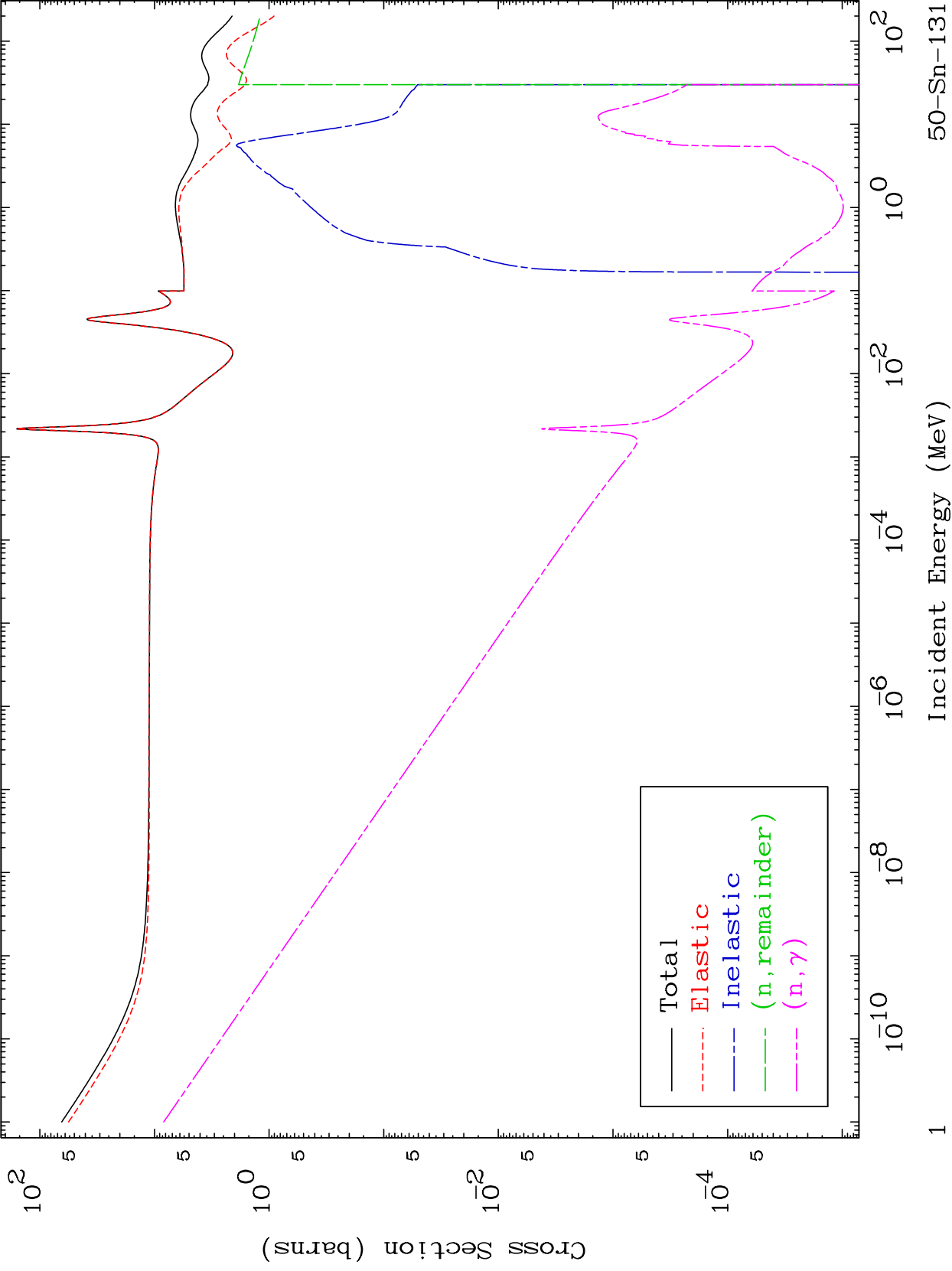
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5082

Major
293 Kelvin Cross Sections

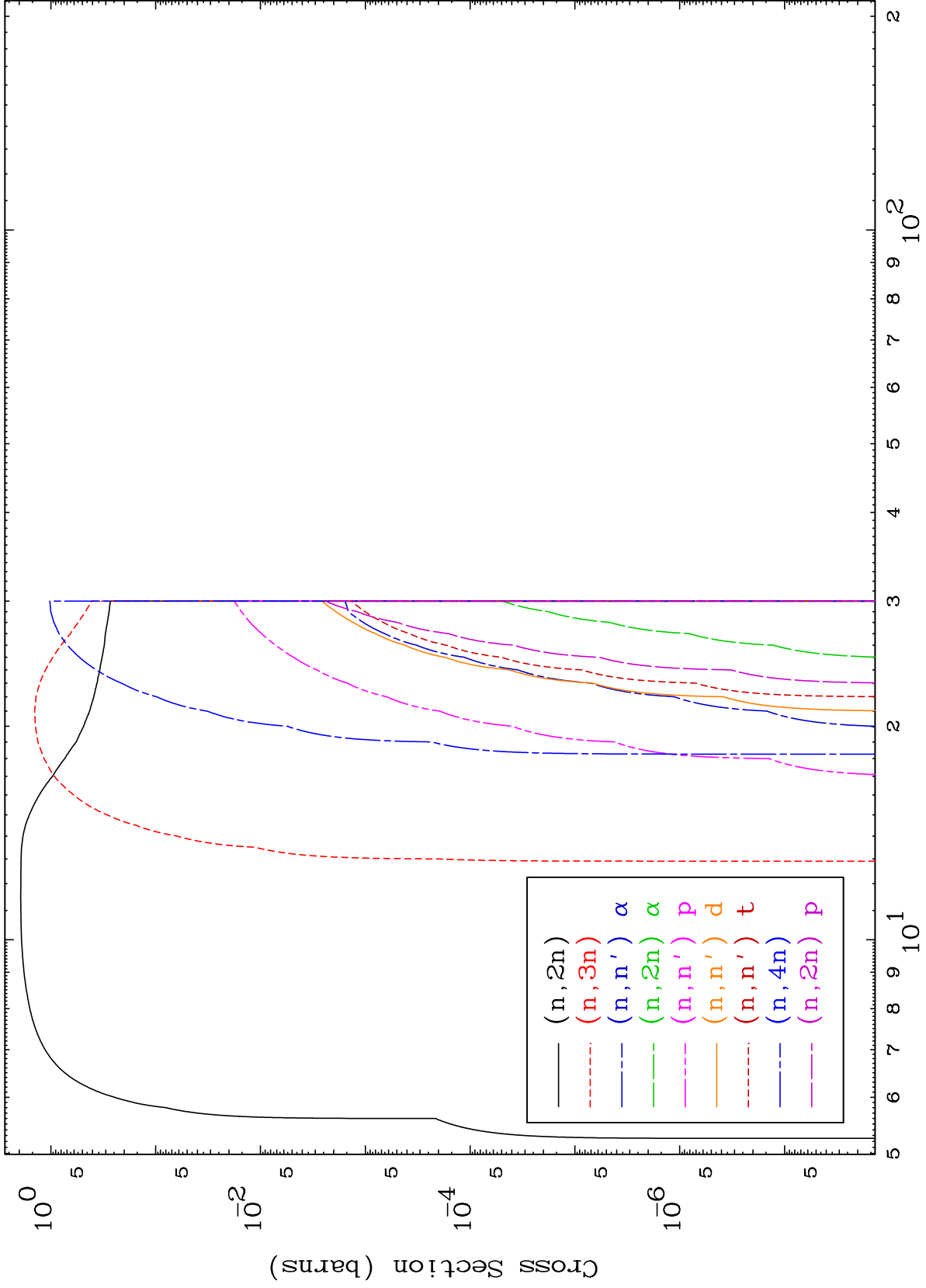
50-Sn-131



MAT 5082

Neutron Production
293 Kelvin Cross Sections

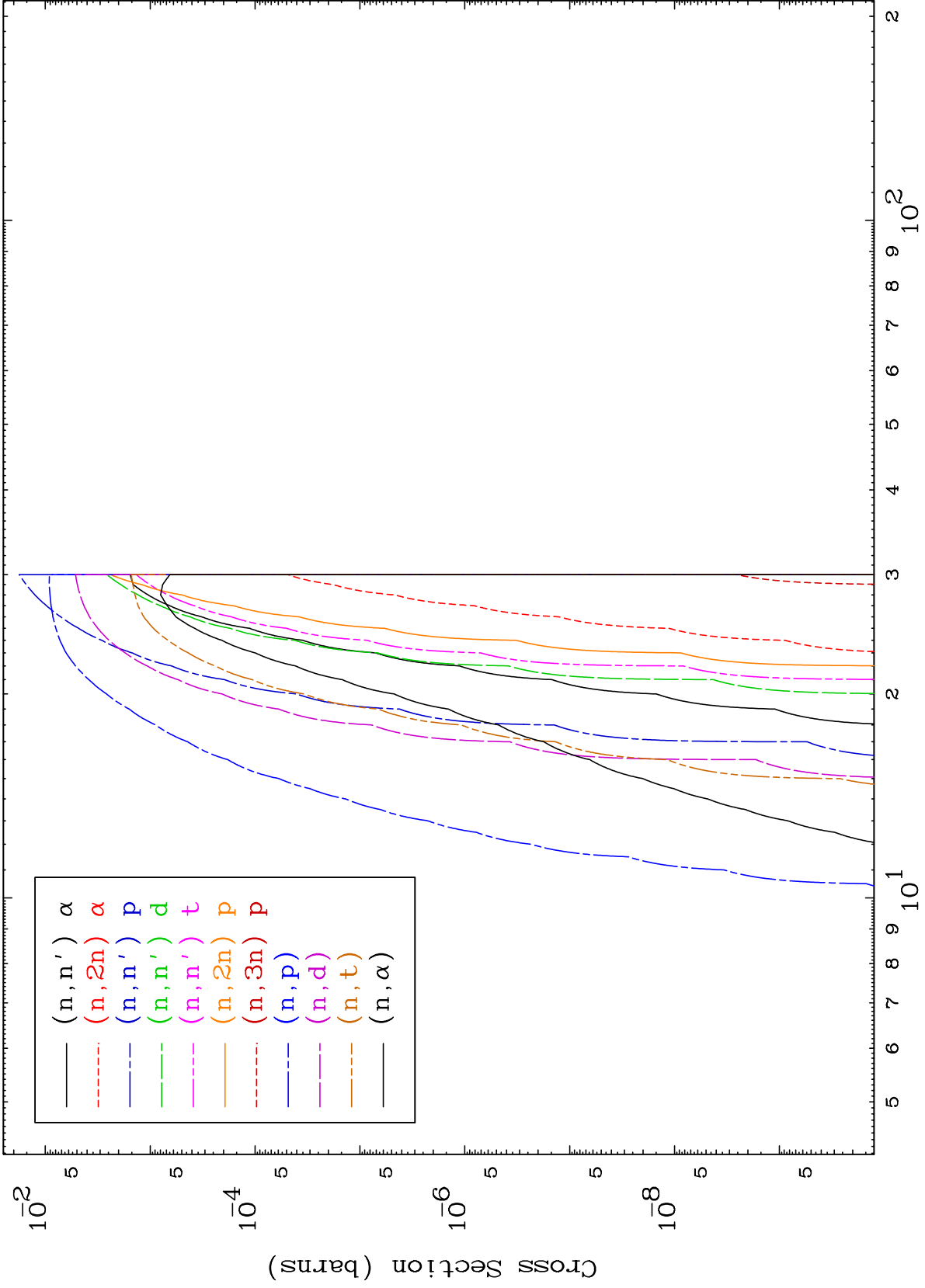
50-Sn-131

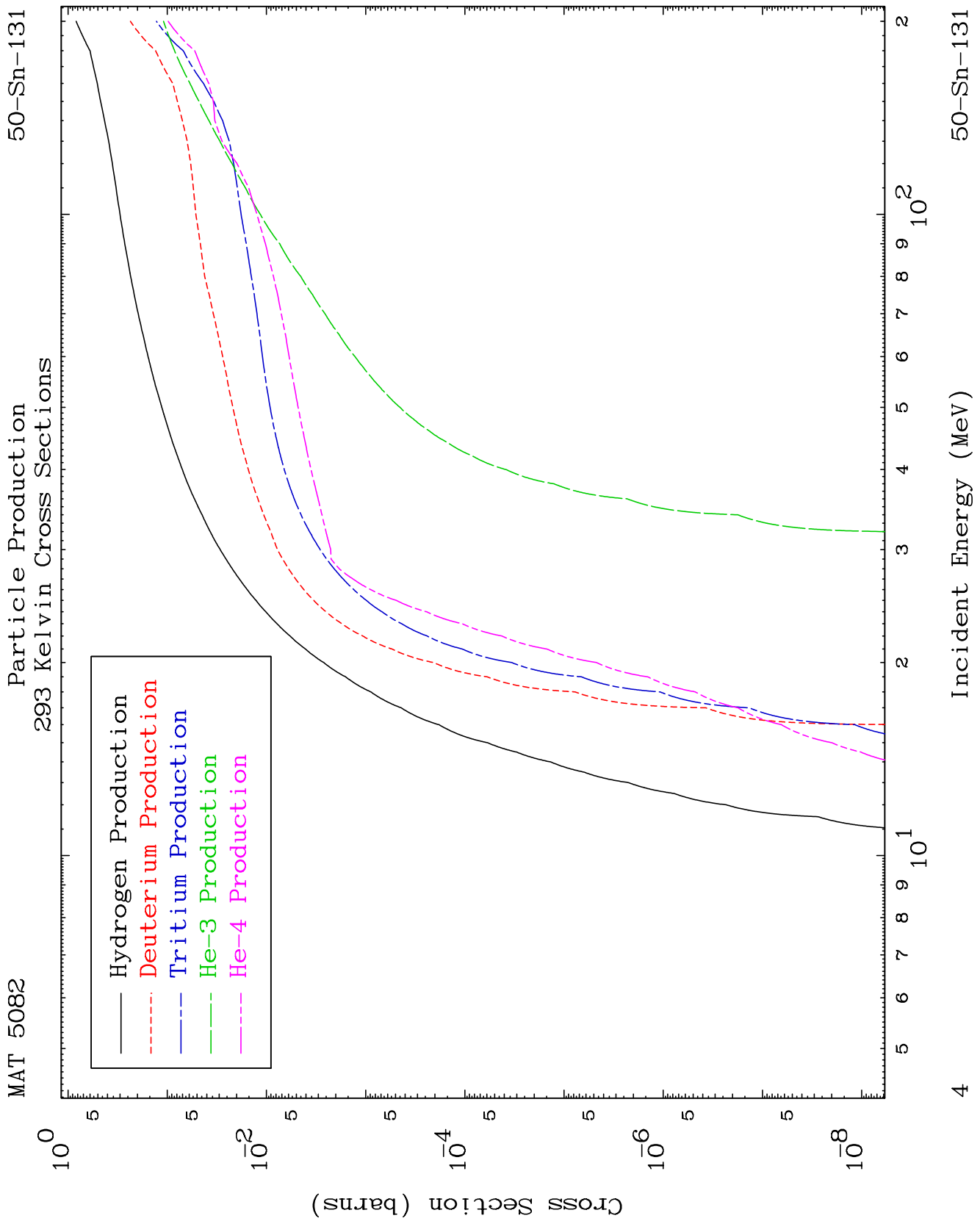


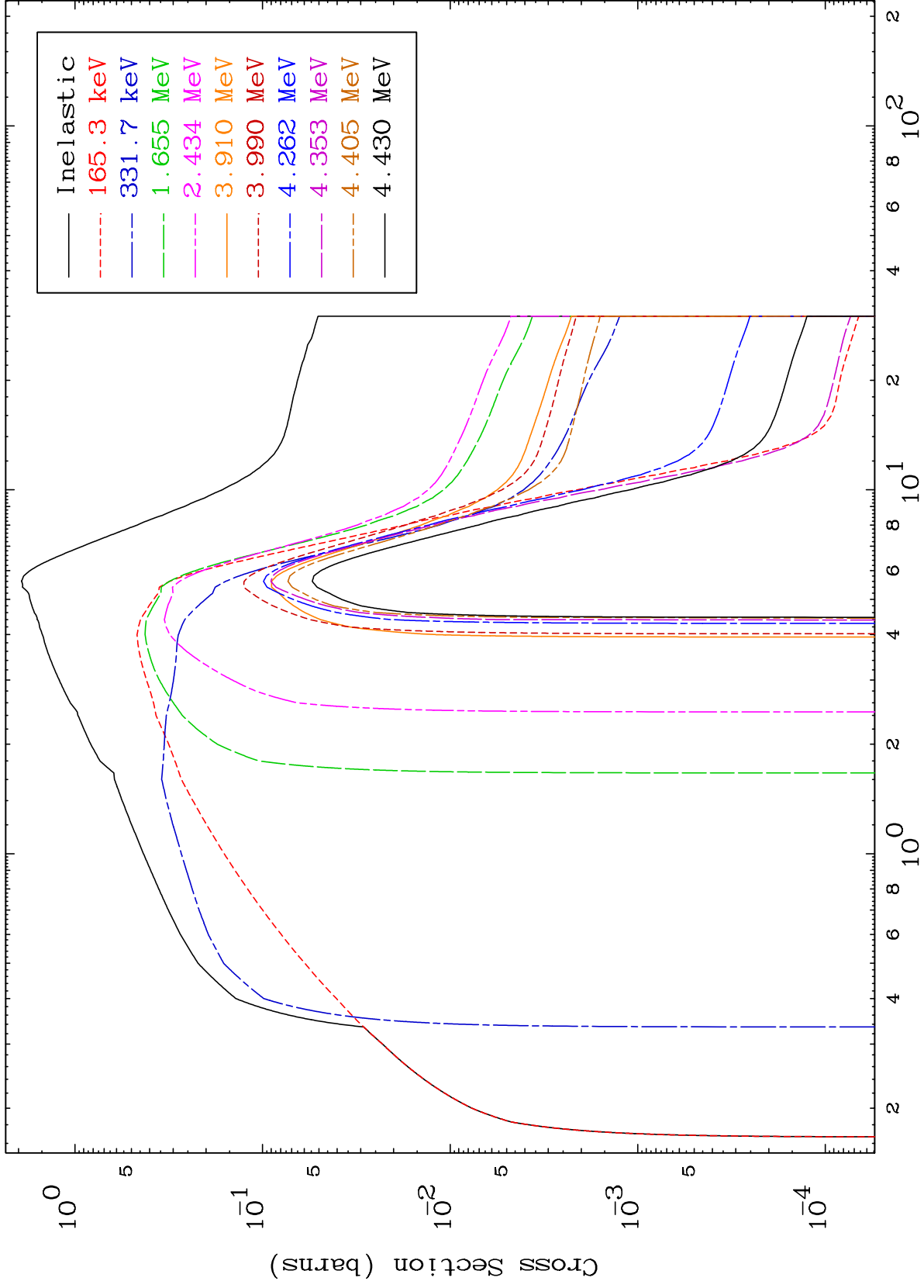
2

Incident Energy (MeV)

50-Sn-131



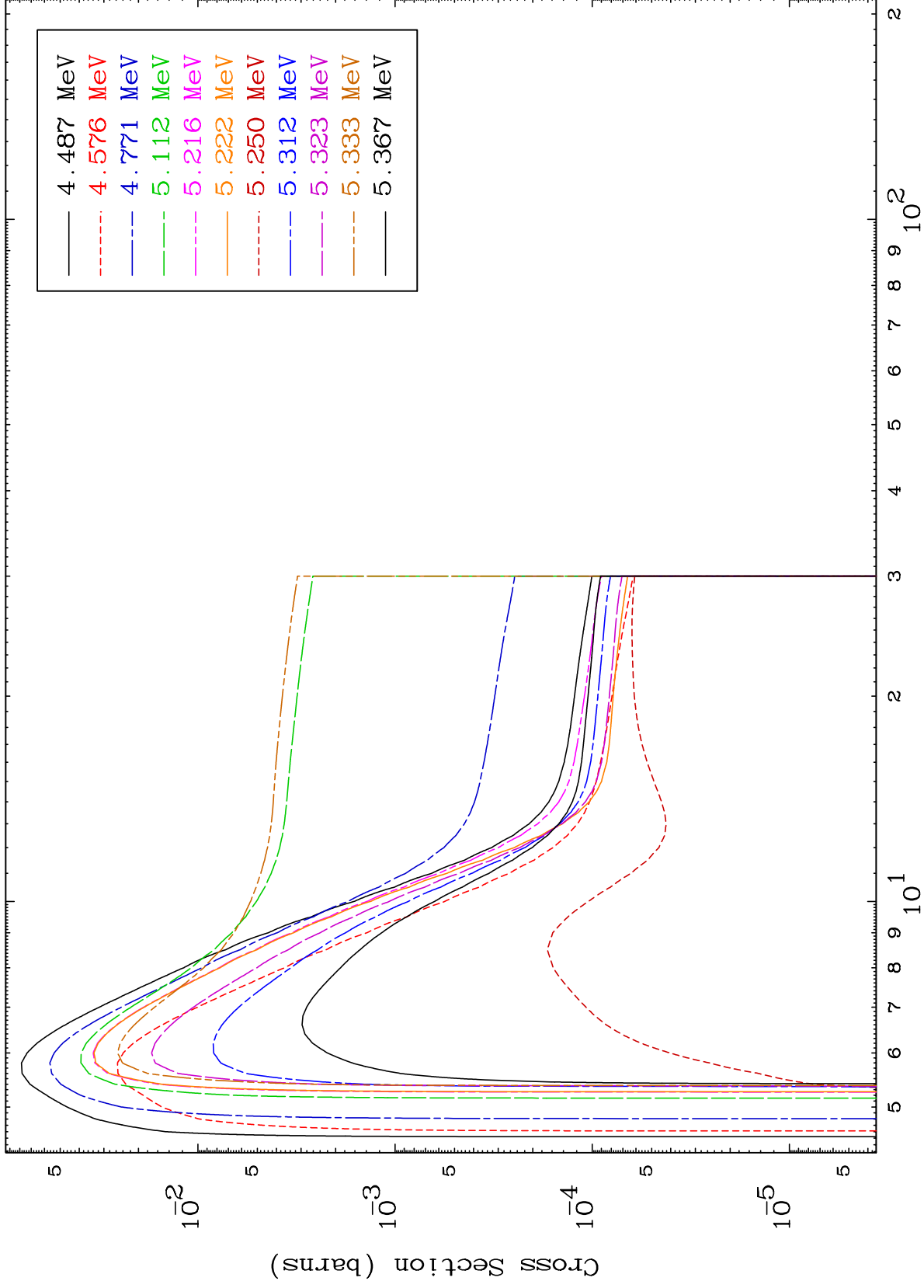




MAT 5082

(n,n') Level
293 Kelvin Cross Sections

50-Sn-131



Incident Energy (MeV)

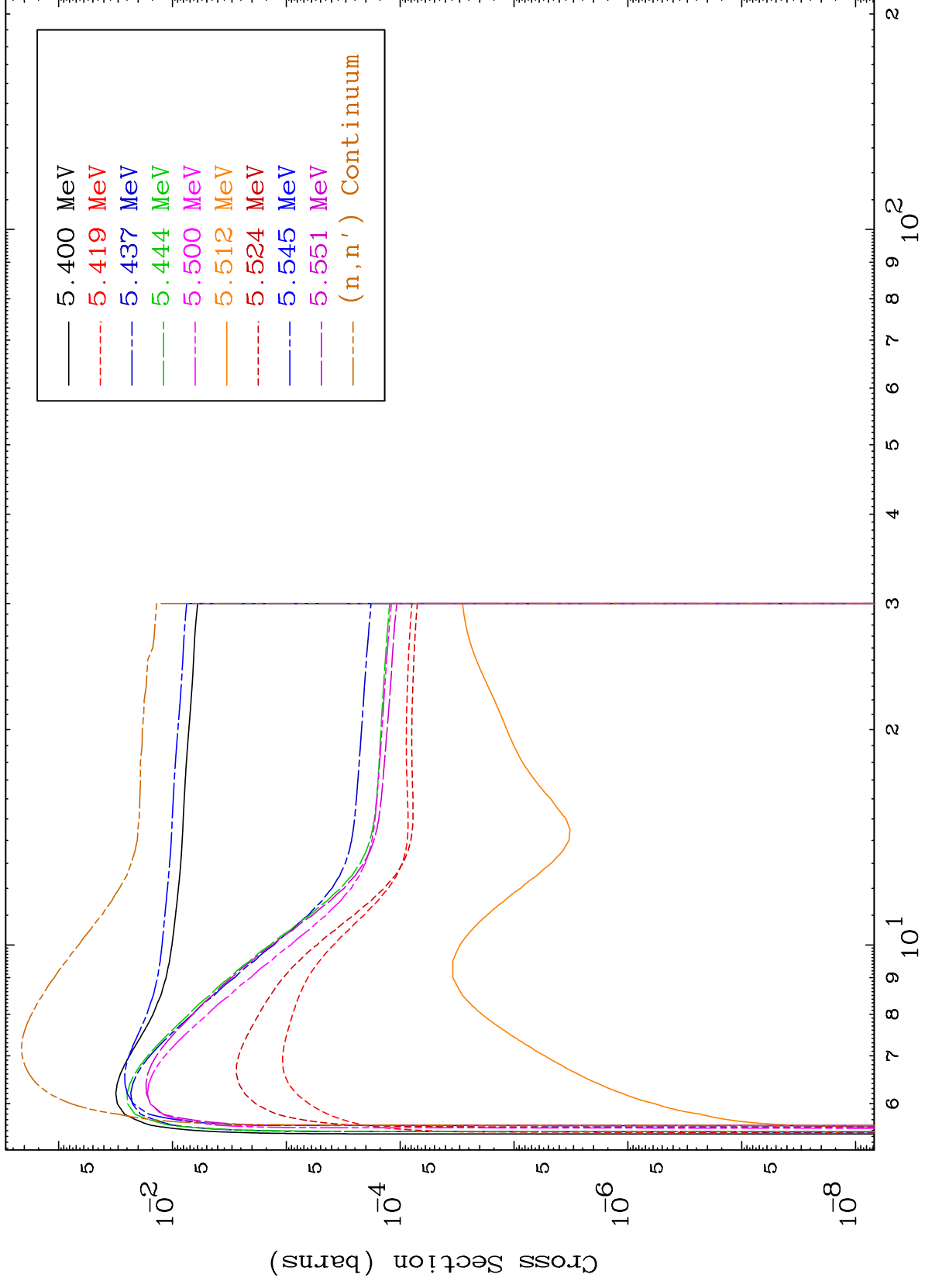
50-Sn-131

6

MAT 5082

(n,n') Level
293 Kelvin Cross Sections

50-Sn-131



7

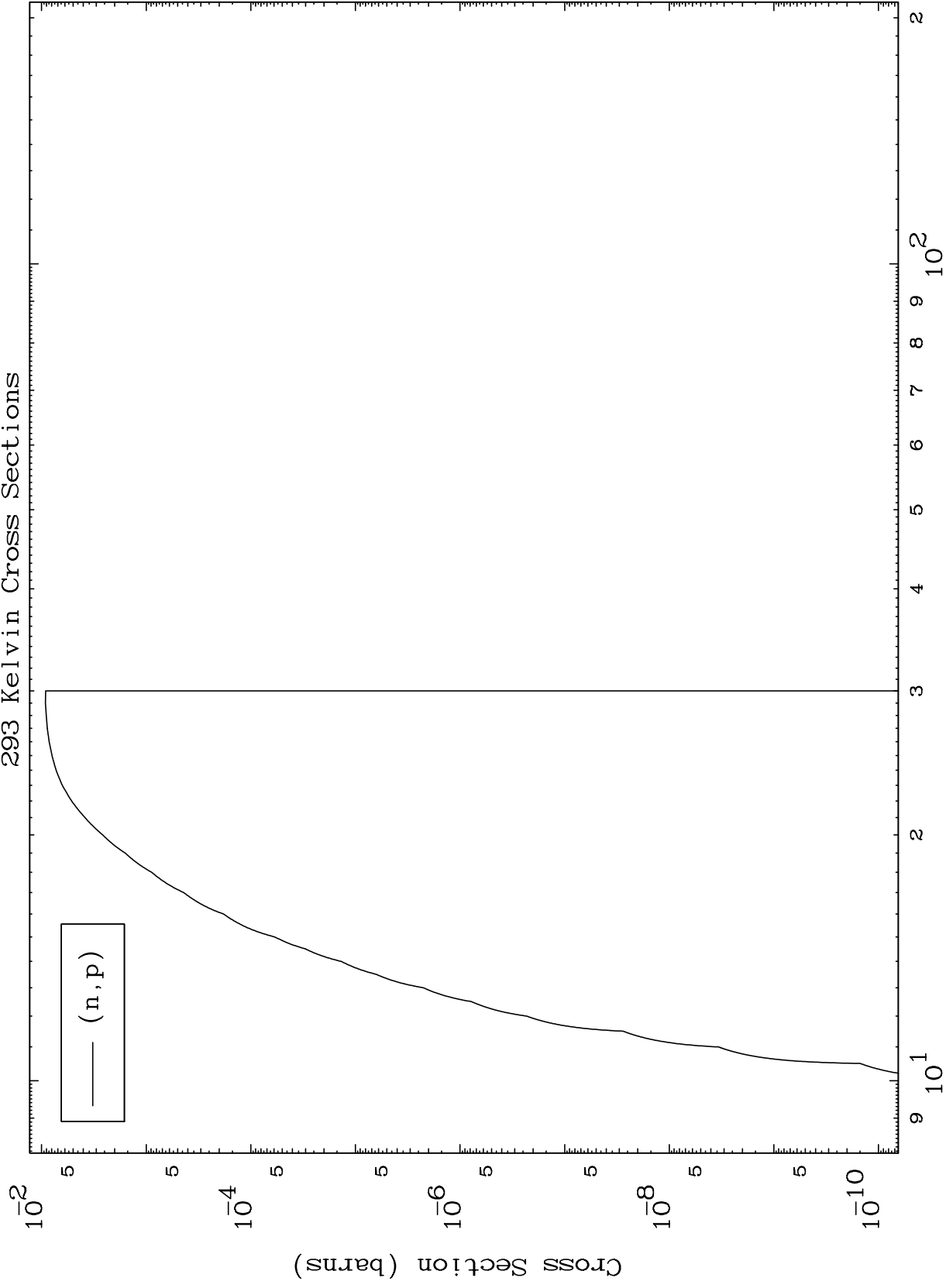
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n,p) Levels
293 Kelvin Cross Sections

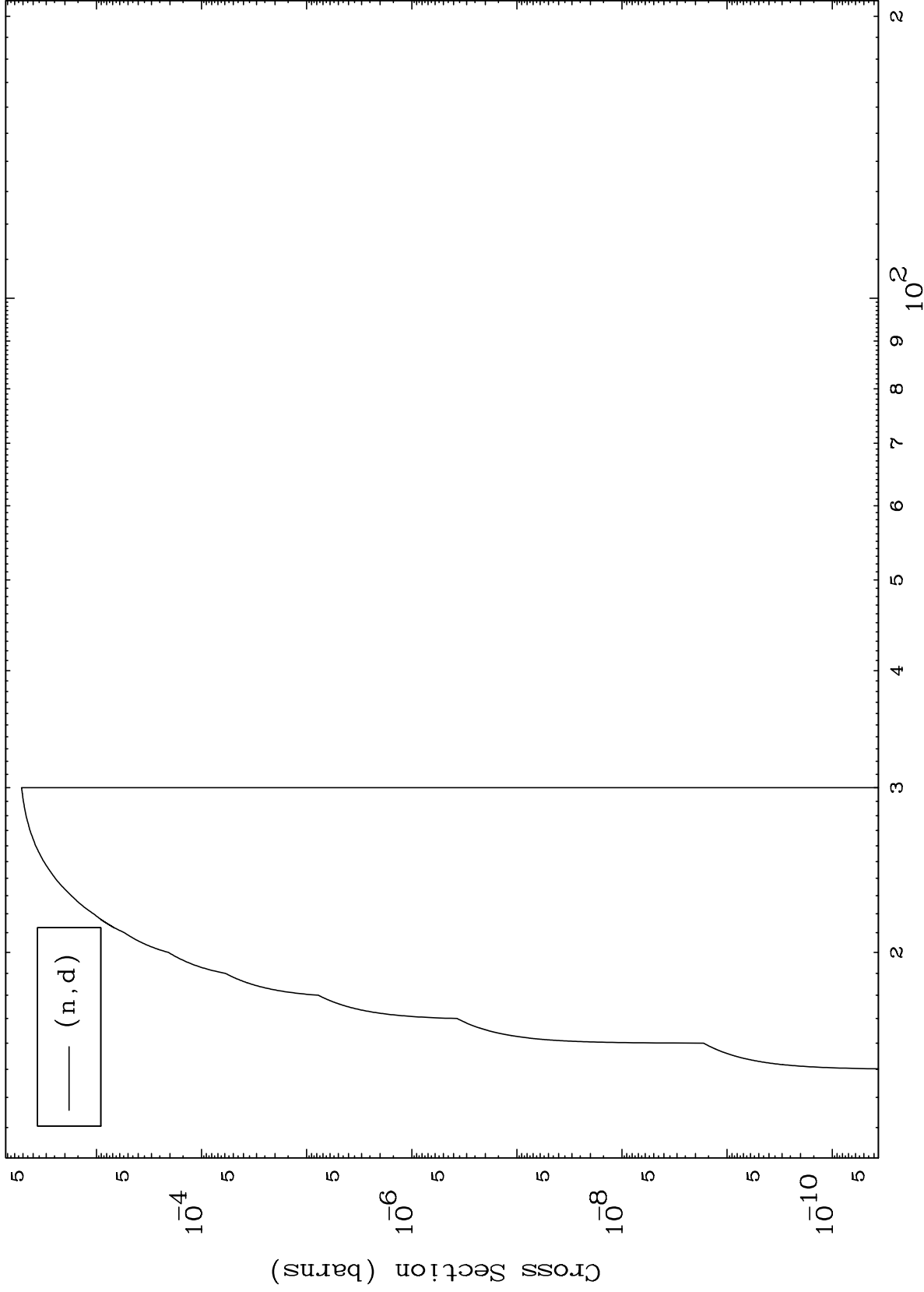
50-Sn-131



8

Incident Energy (MeV)

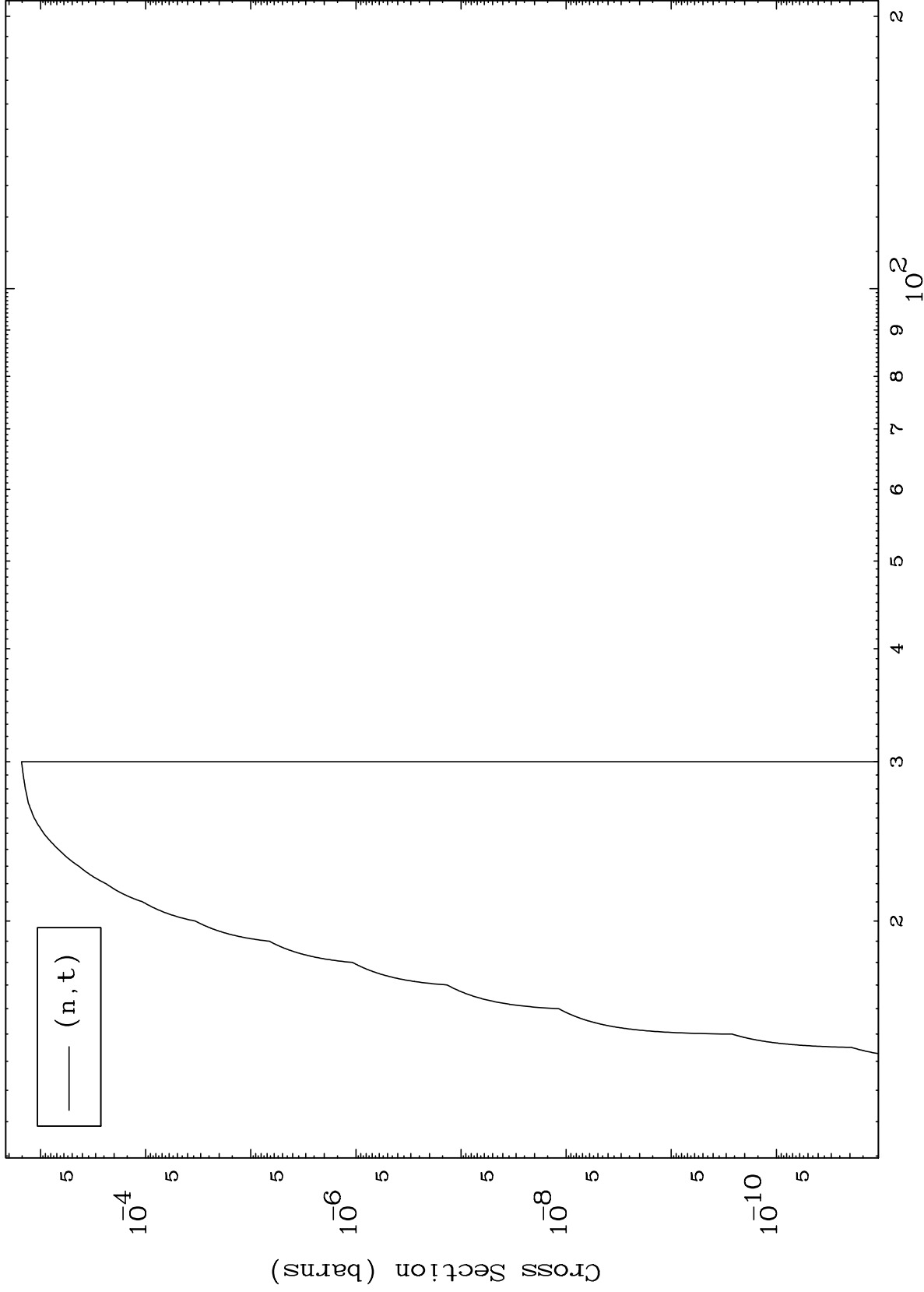
50-Sn-131



MAT 5082

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



10

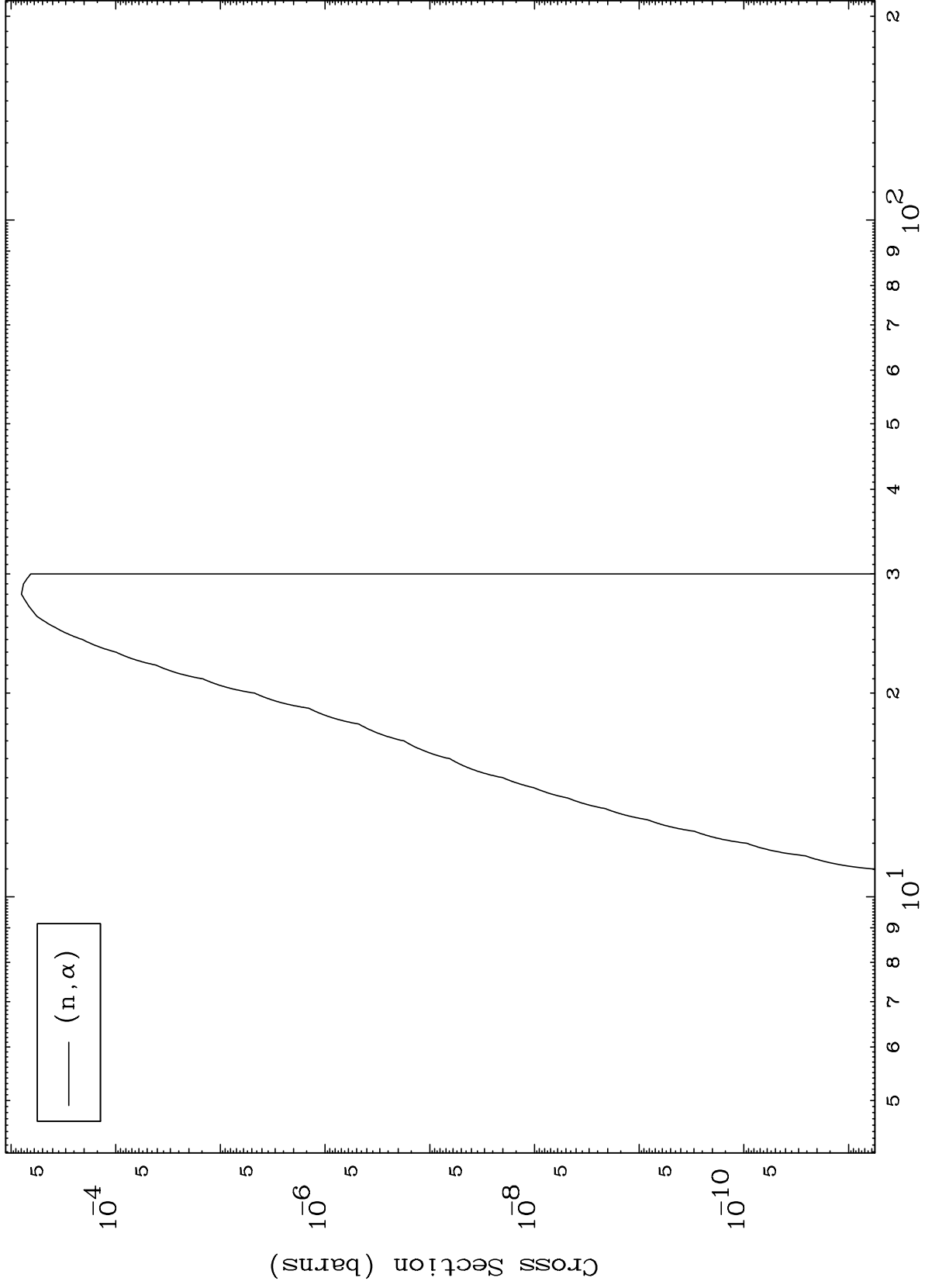
Incident Energy (MeV)

50-Sn-131

MAT 5082

(n, α) Levels
293 Kelvin Cross Sections

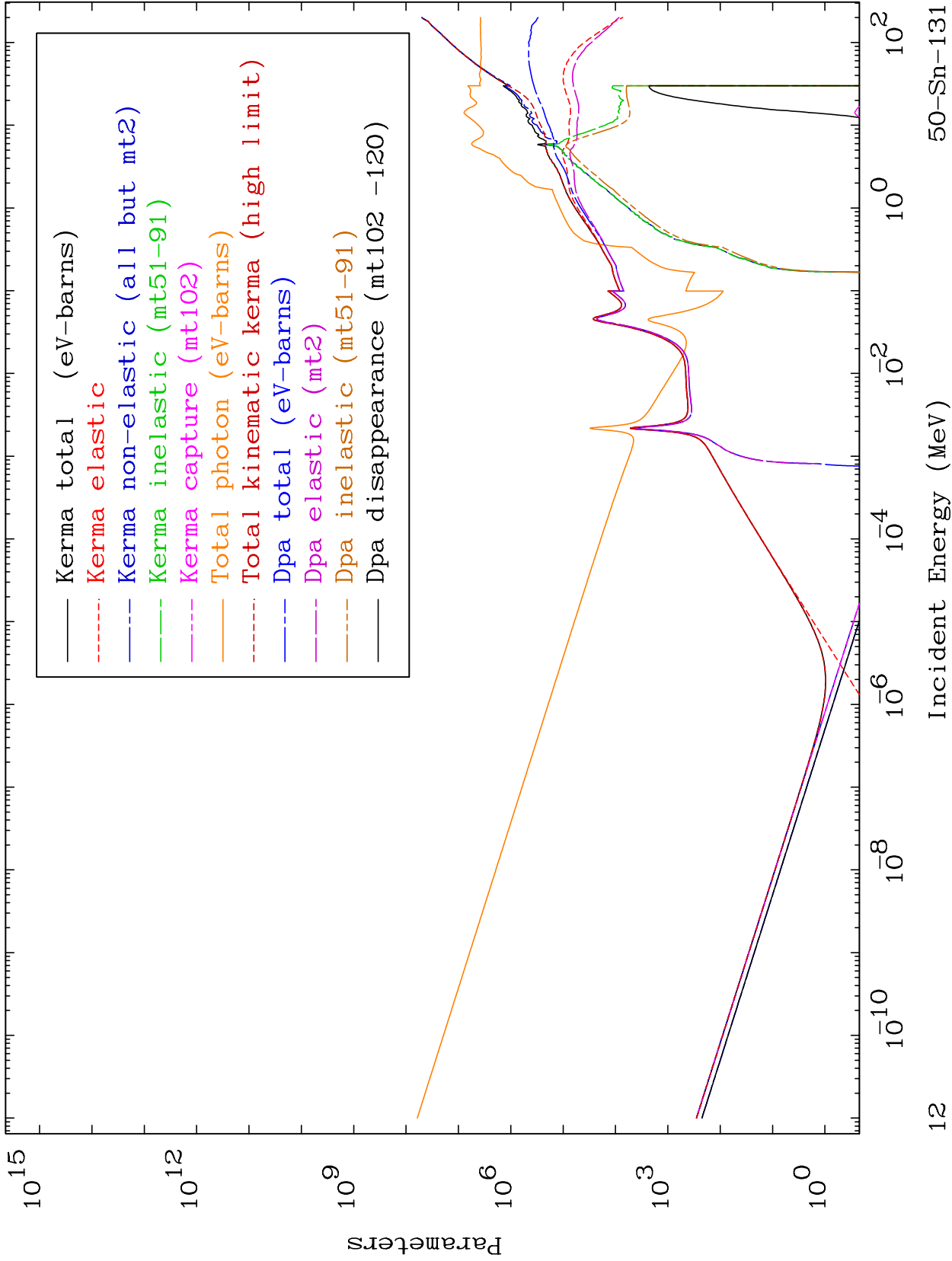
50-Sn-131



11

Incident Energy (MeV)

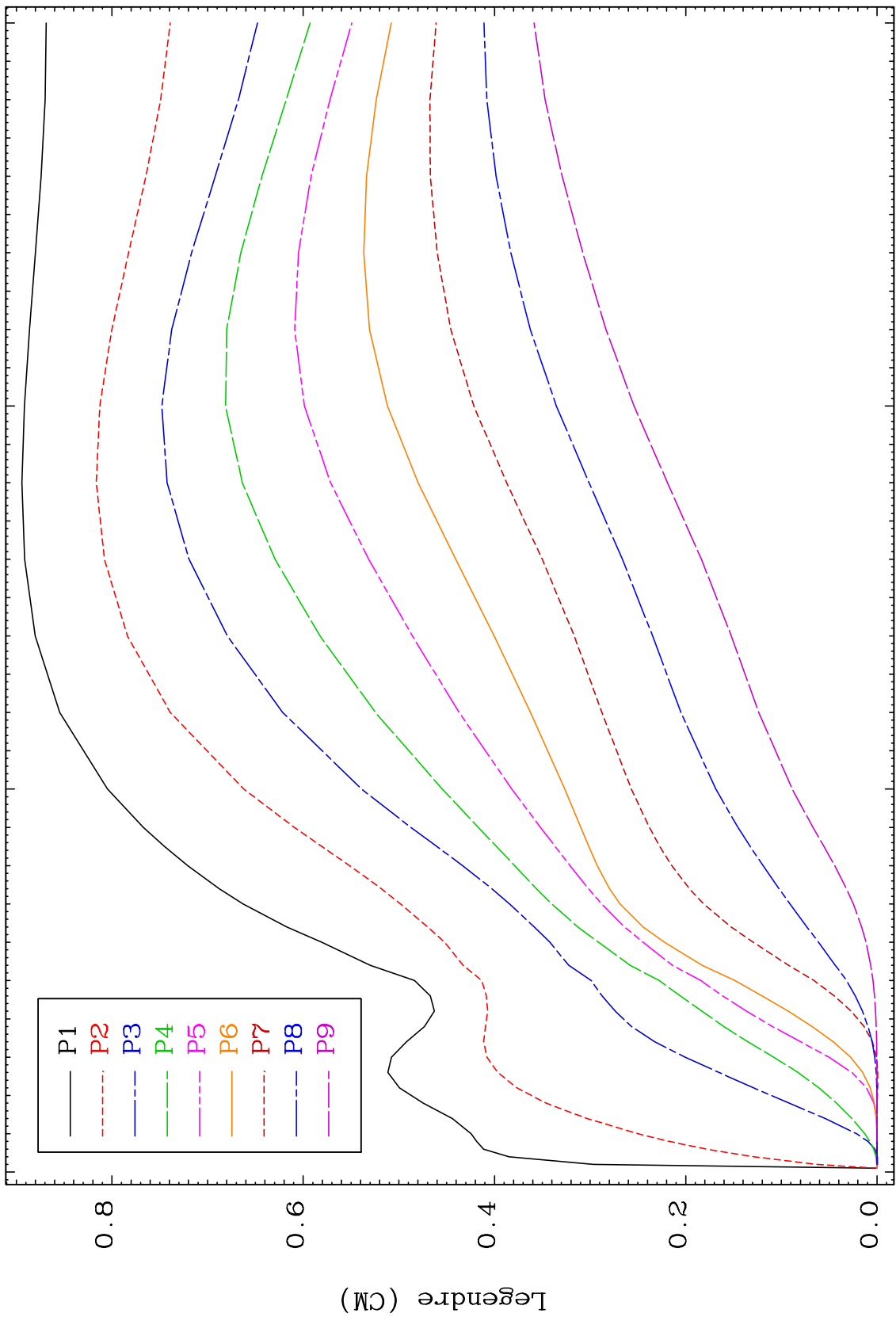
50-Sn-131



MAT 5082

Elastic Legendre Coefficients

50-Sn-131



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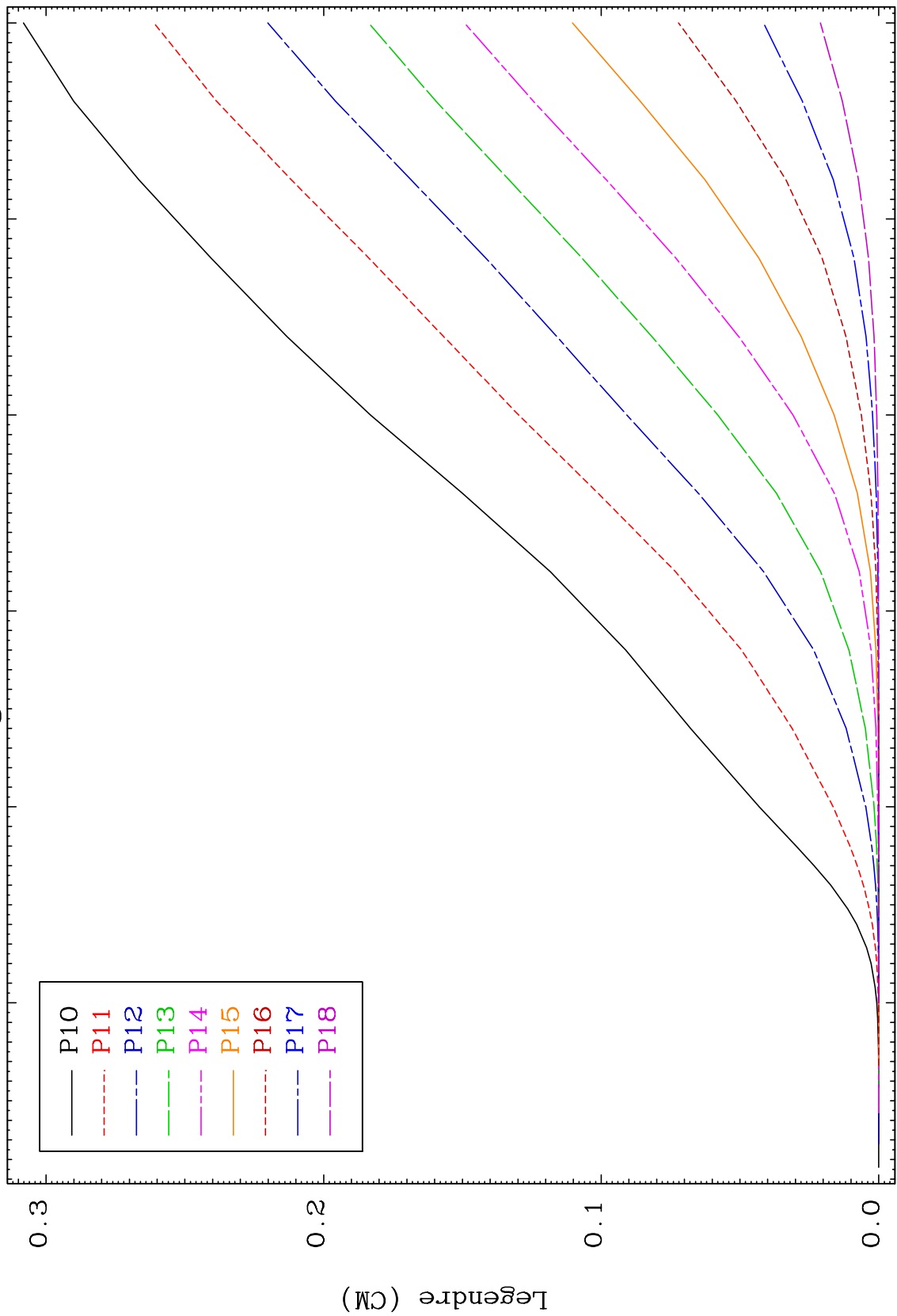
Incident Energy (MeV)

50-Sn-131

MAT 5082

Elastic Legendre Coefficients

50-Sn-131



14

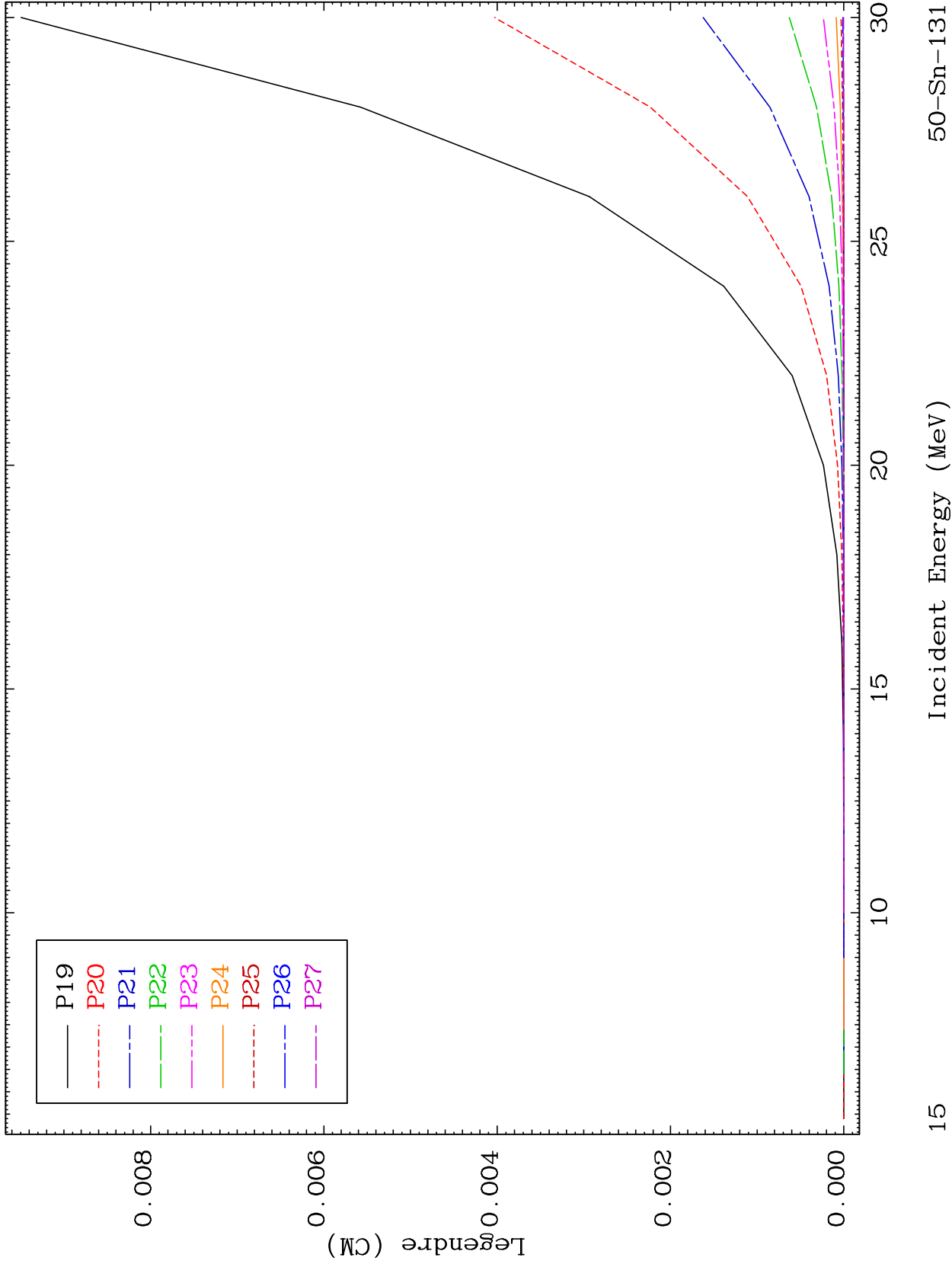
Incident Energy (MeV)

50-Sn-131

MAT 5082

Elastic Legendre Coefficients

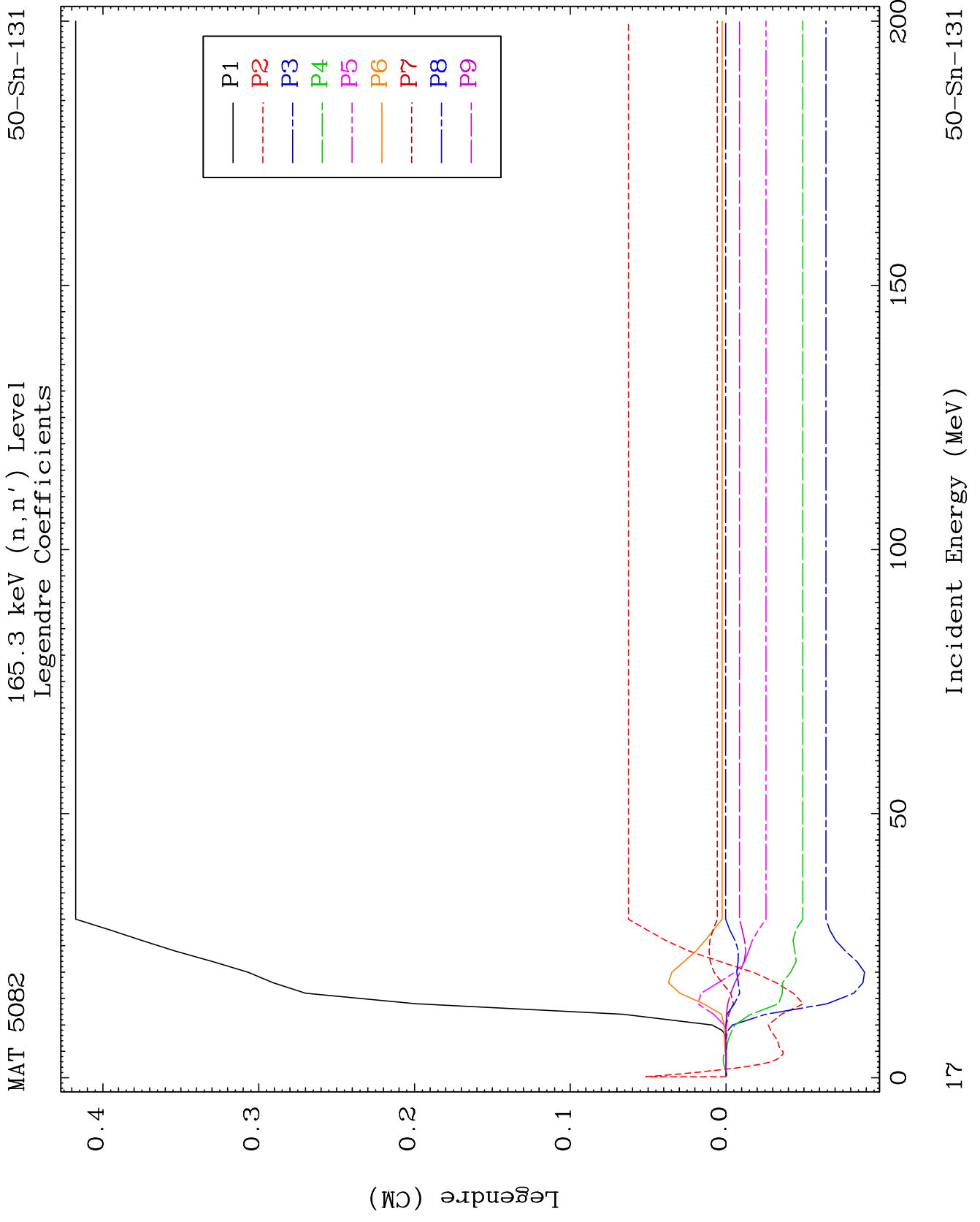
50-Sn-131



15

Incident Energy (MeV)

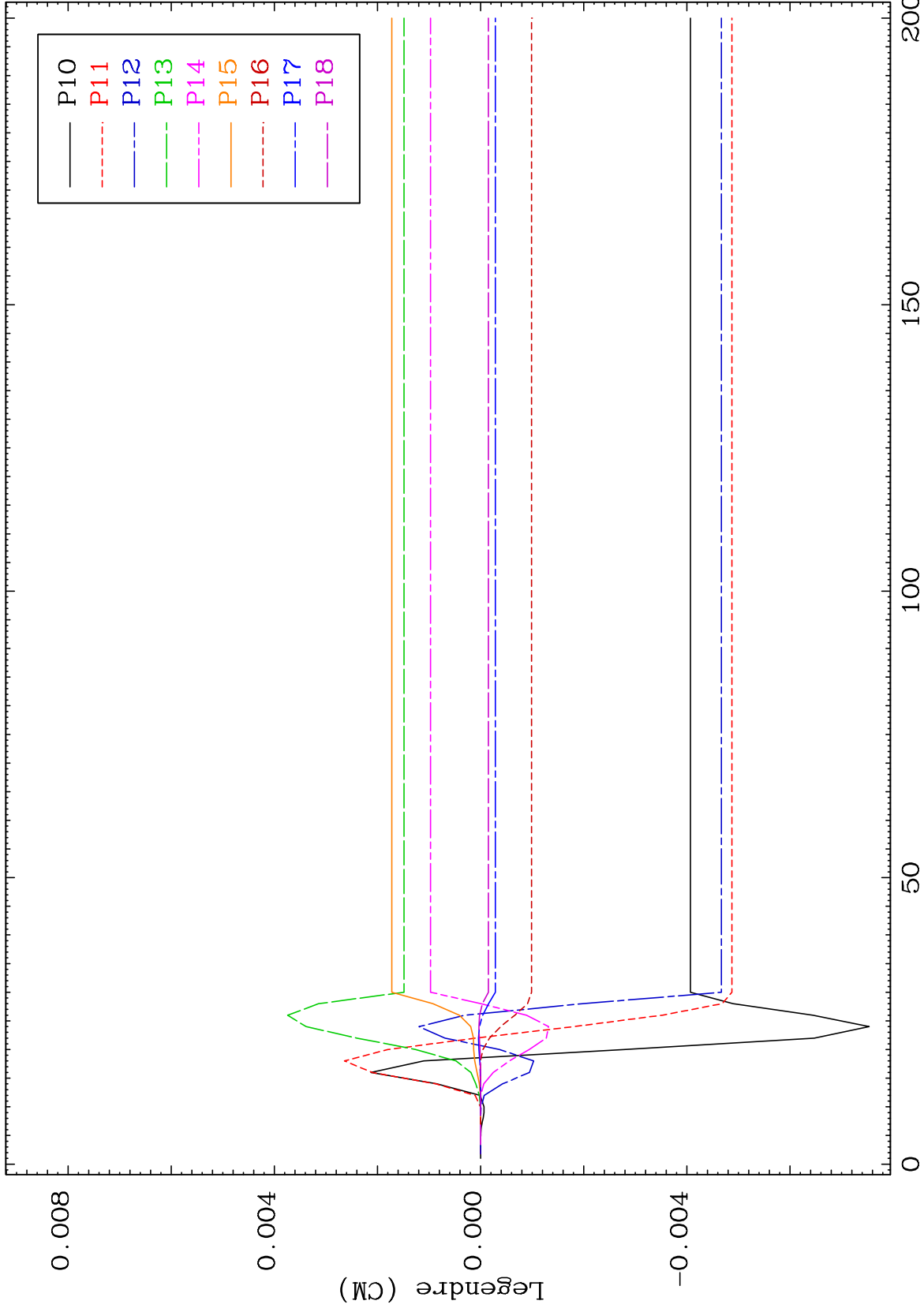
50-Sn-131



MAT 5082

165.3 keV (n,n') Level
Legendre Coefficients

50-Sn-131



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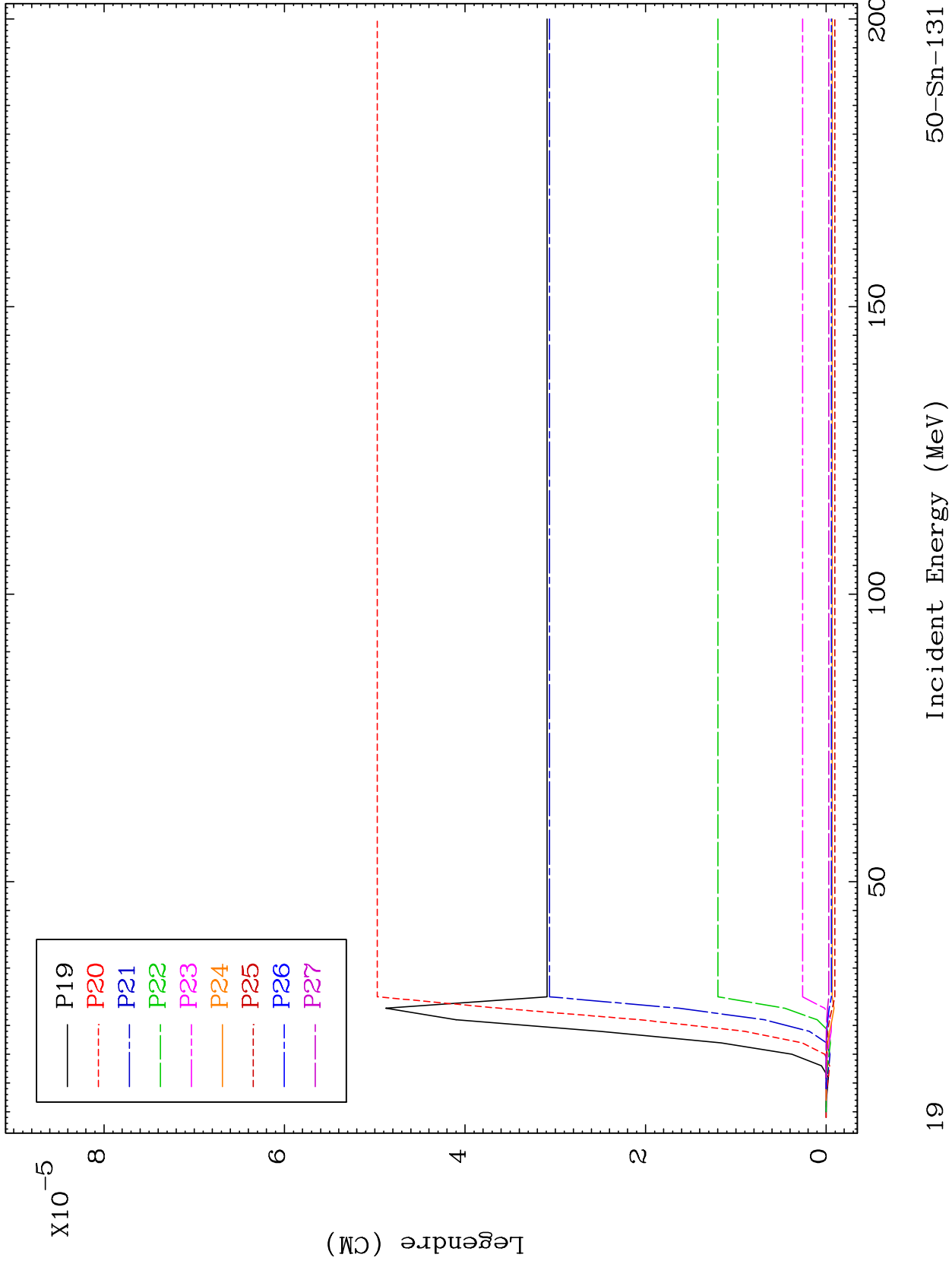
Incident Energy (MeV)

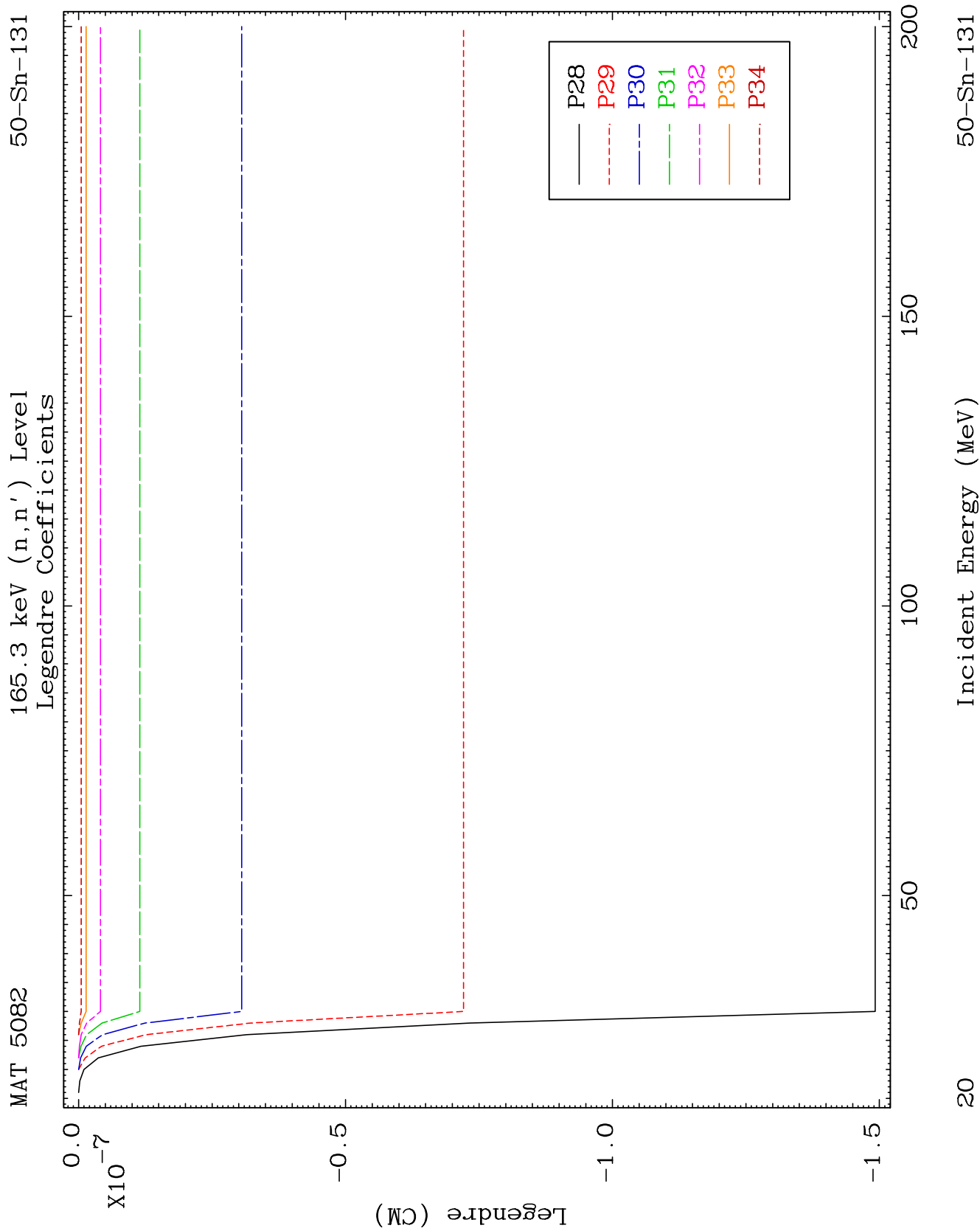
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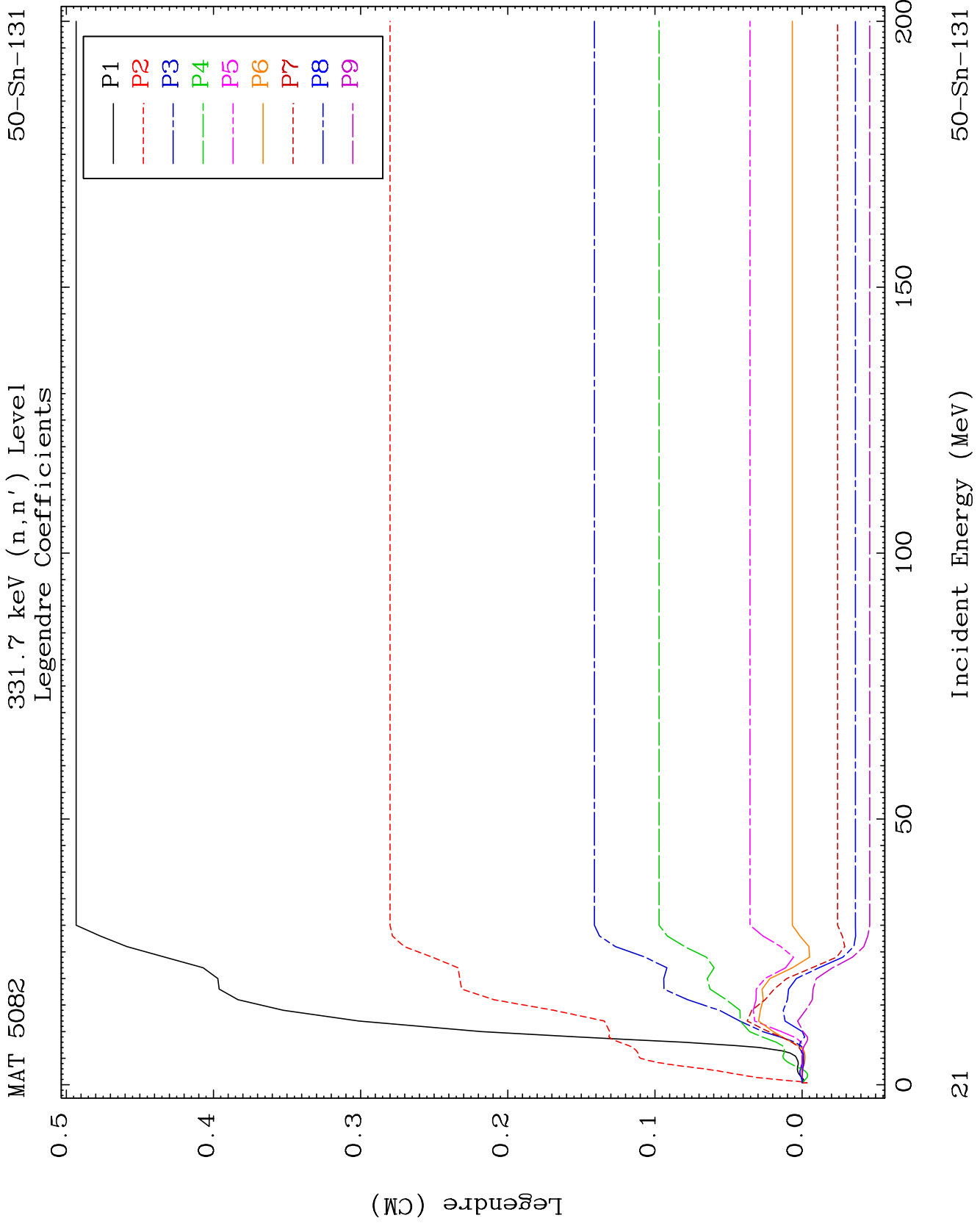
MAT 5082

165.3 keV (n,n') Level
Legendre Coefficients

50-Sn-131



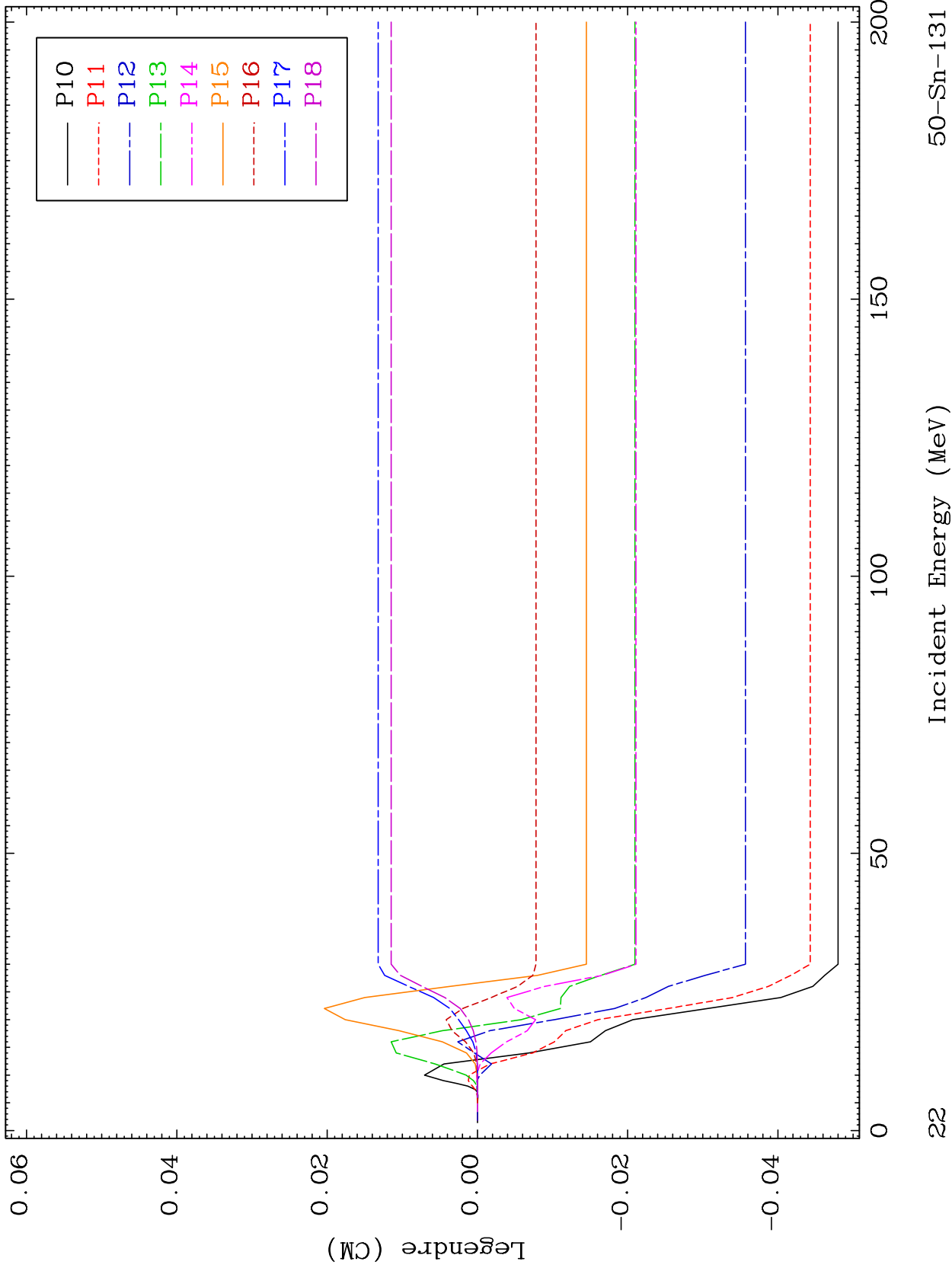




MAT 5082

331.7 keV (n,n') Level
Legendre Coefficients

50-Sn-131



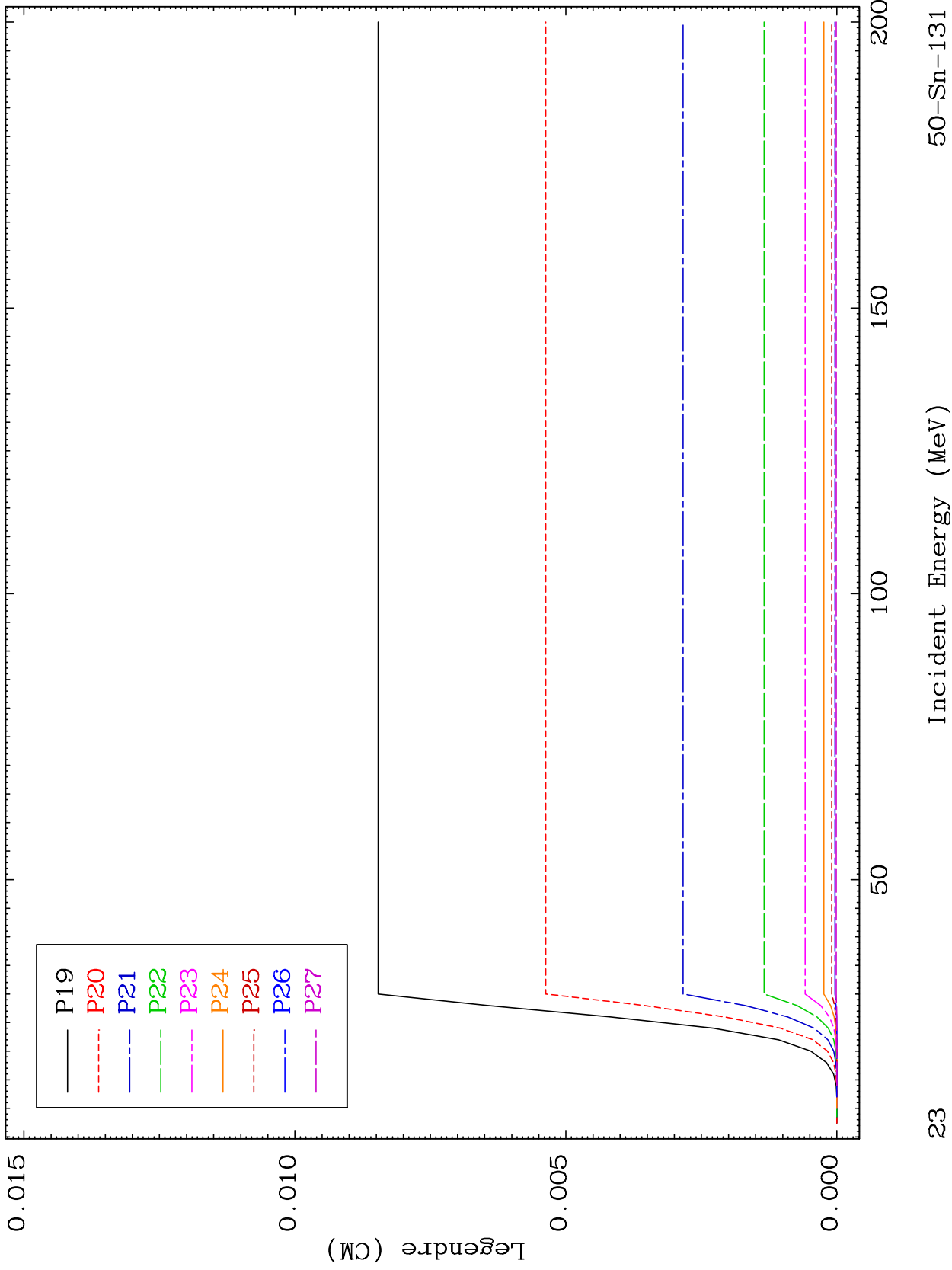
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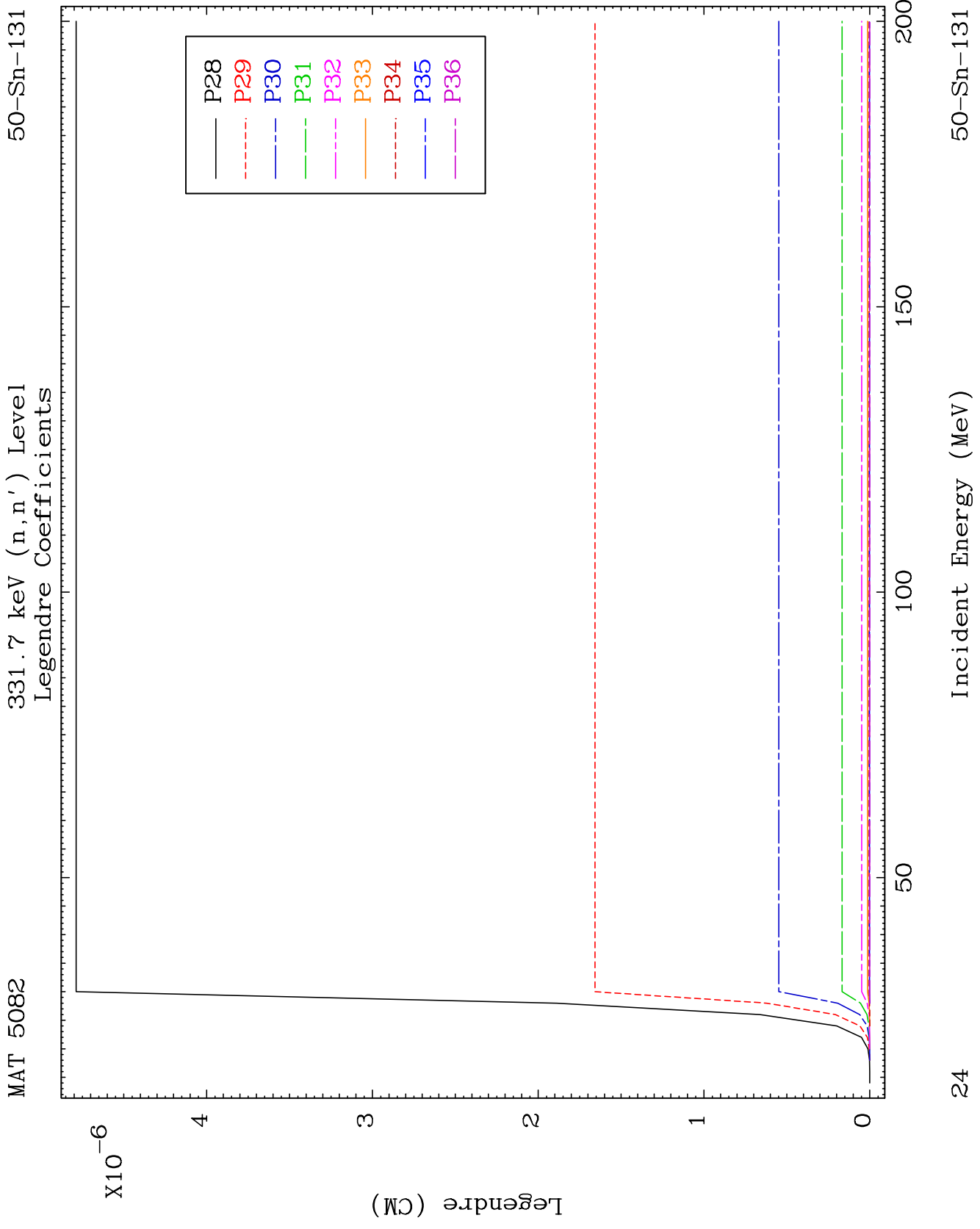
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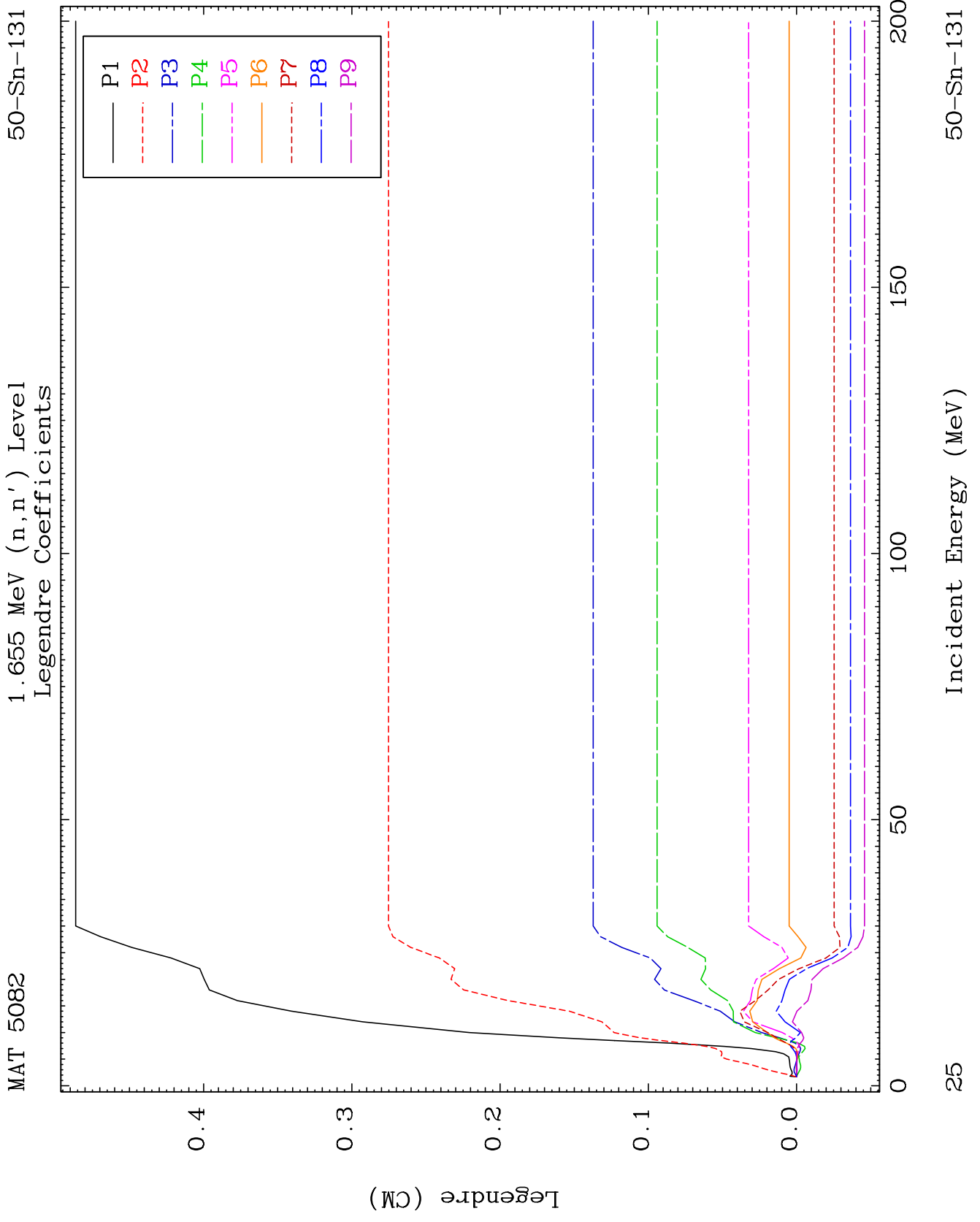
MAT 5082

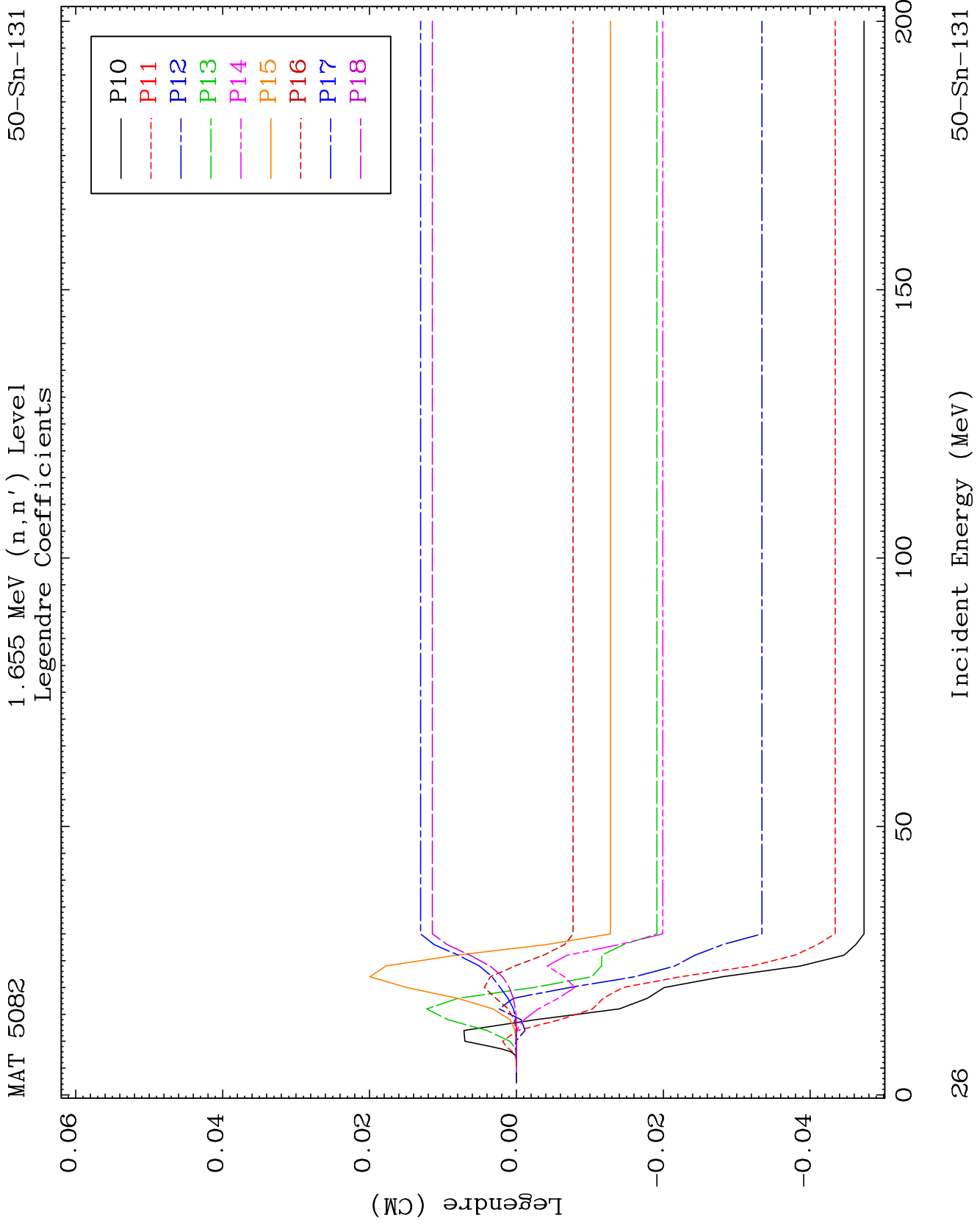
331.7 keV (n,n') Level
Legendre Coefficients

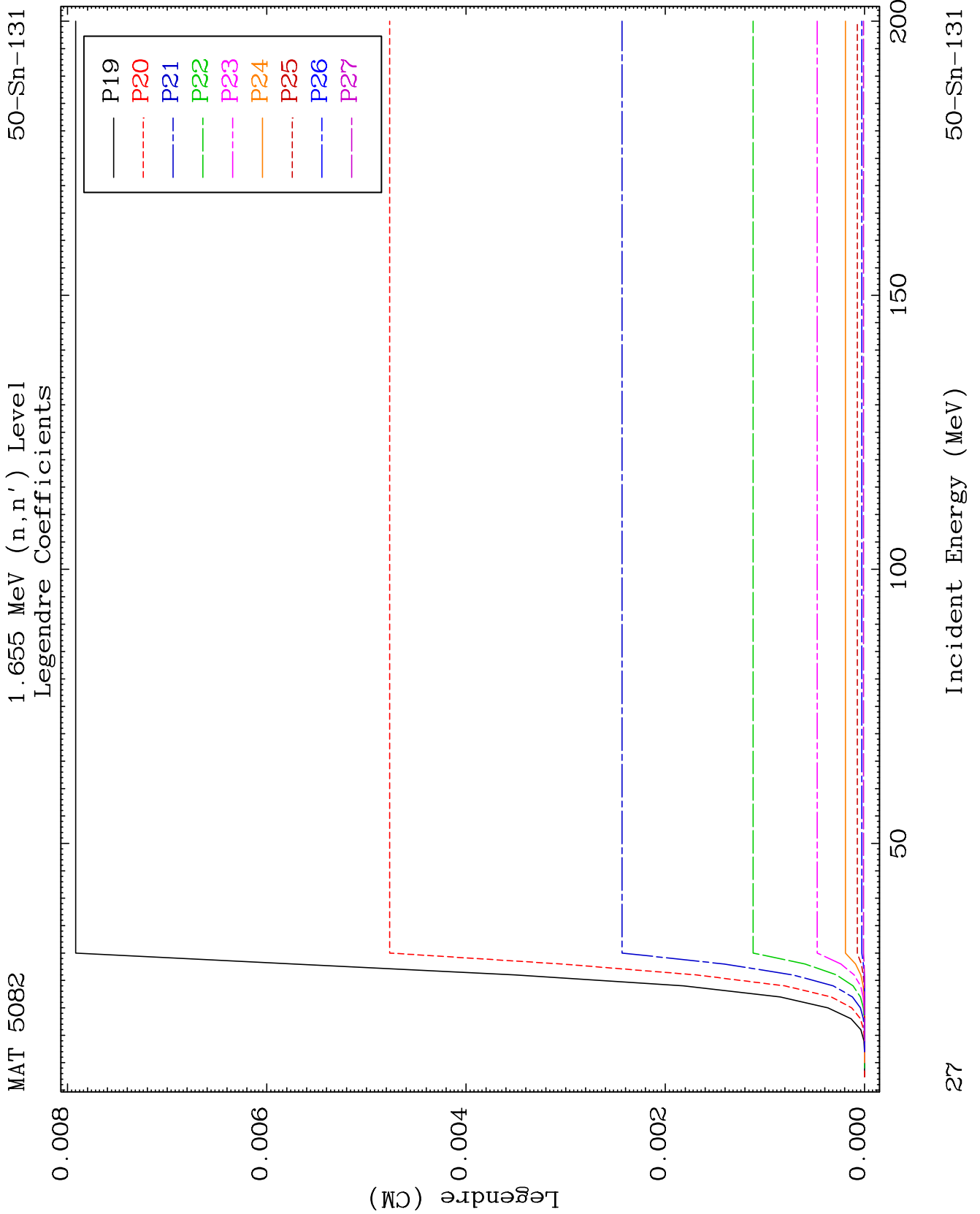
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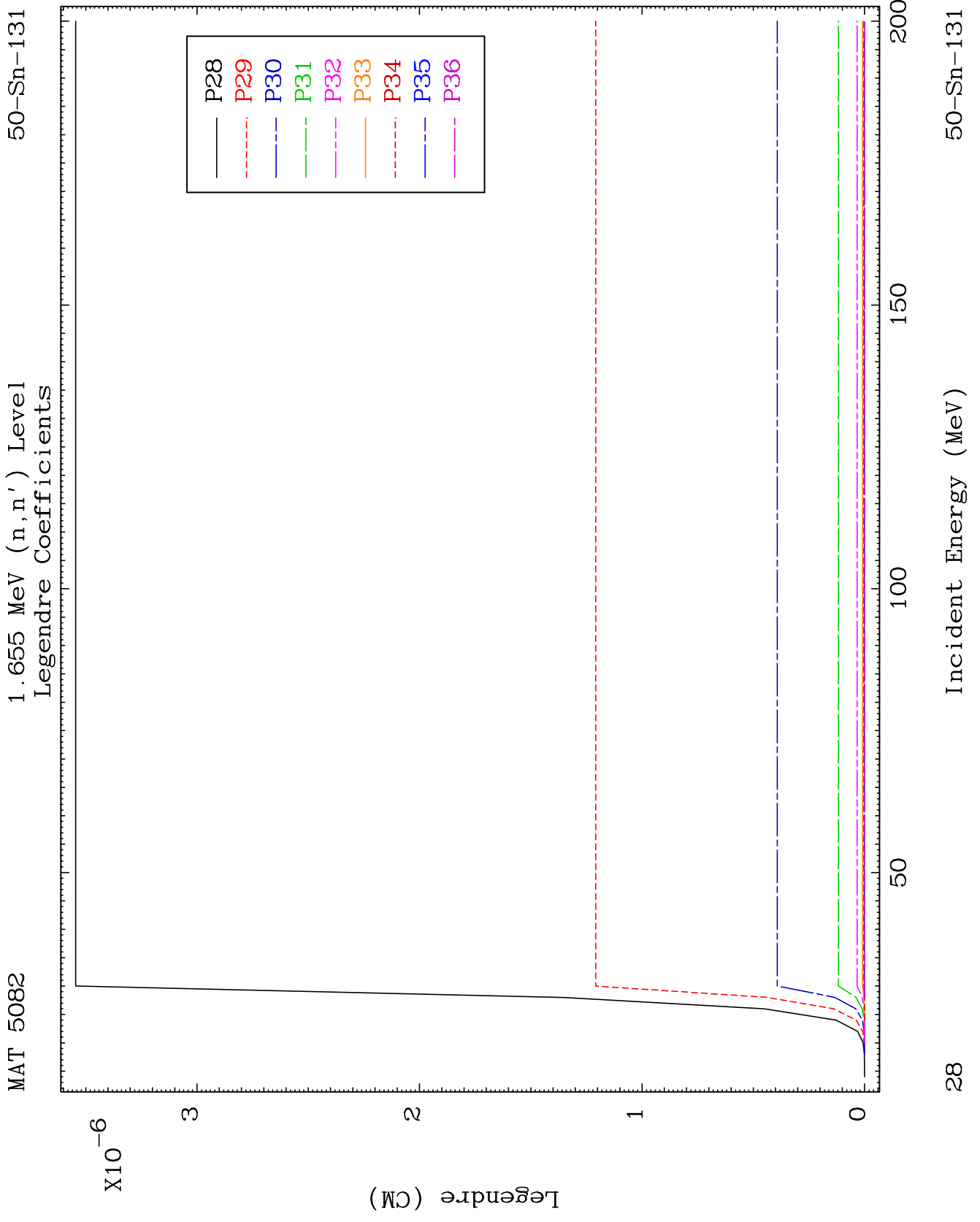


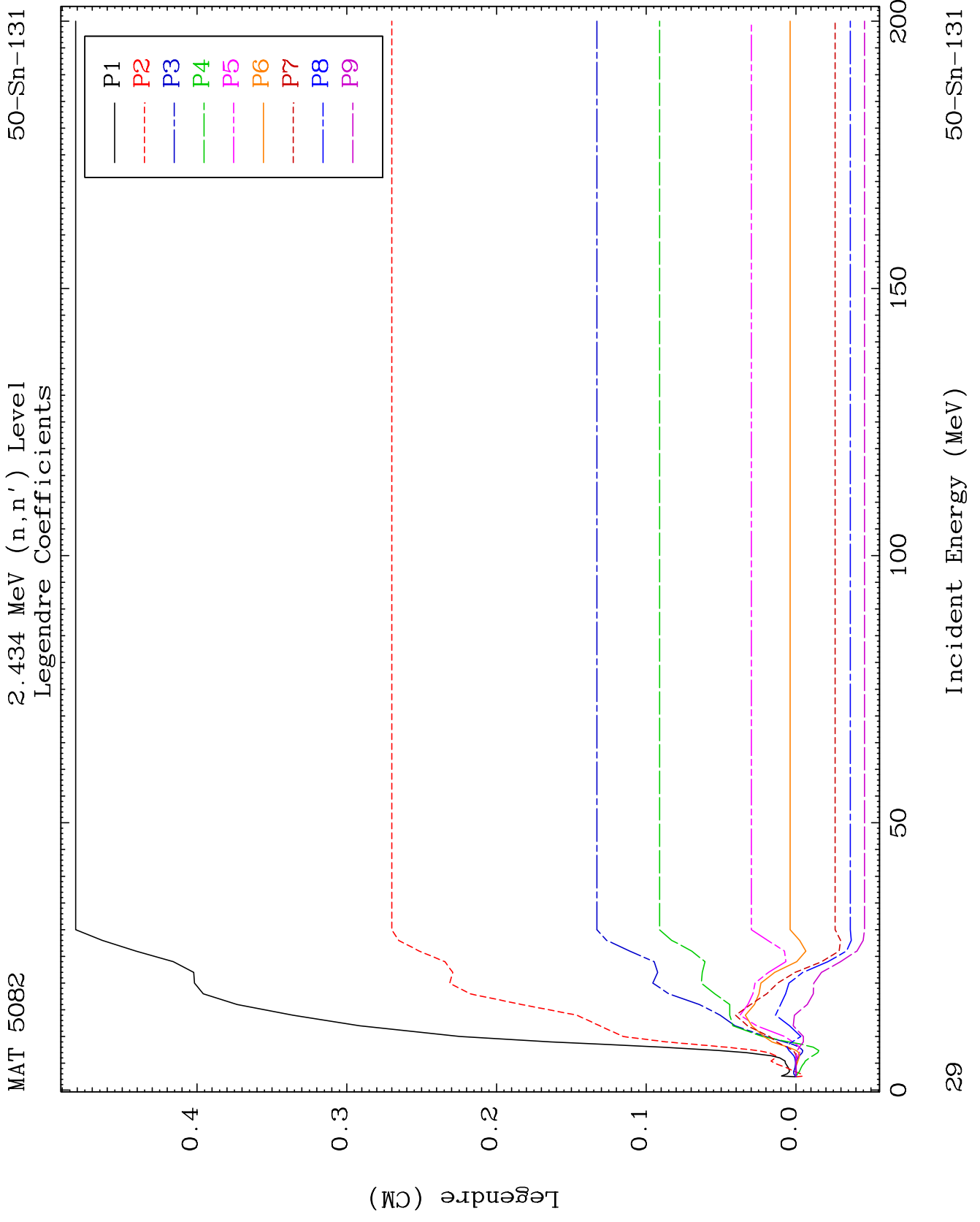


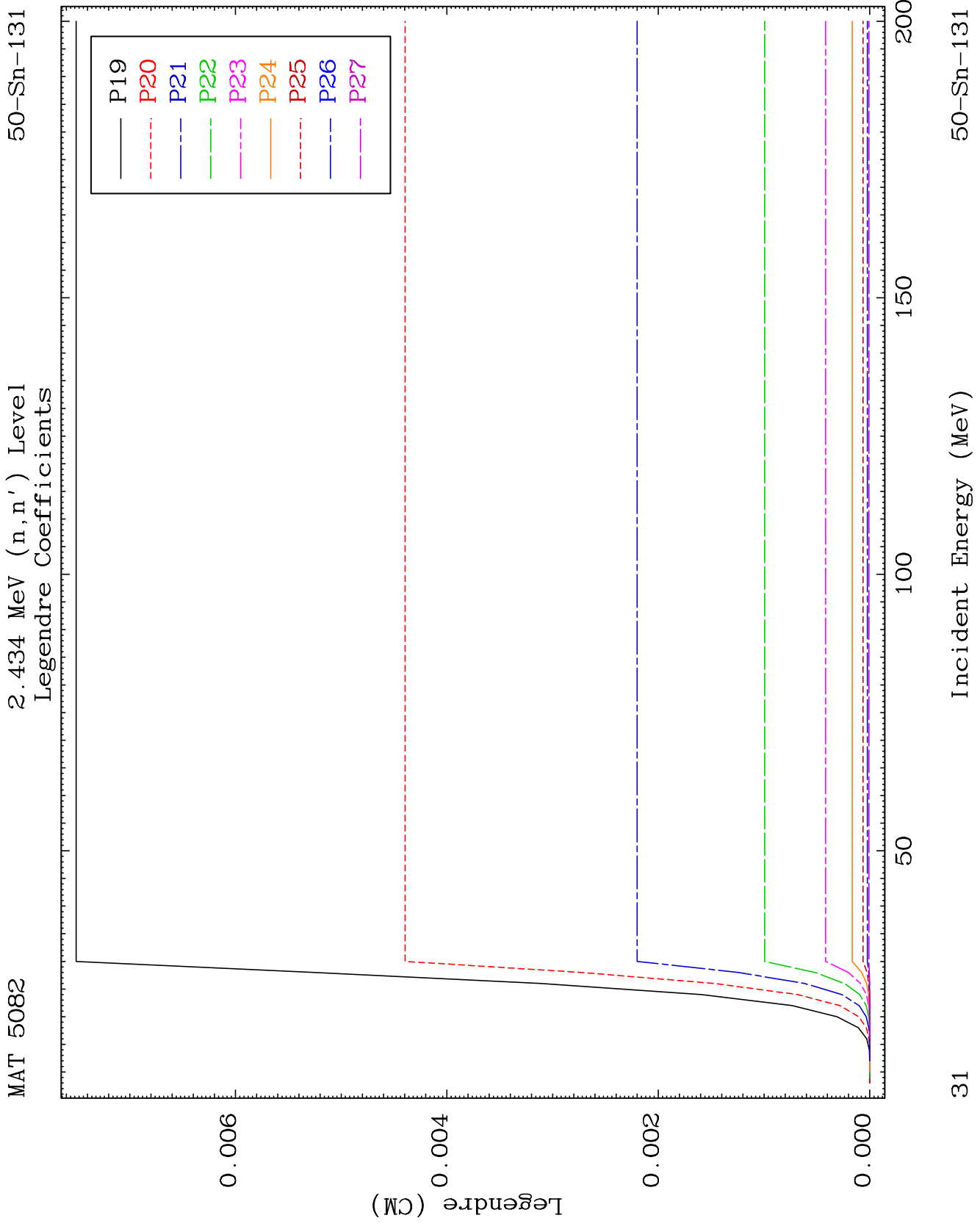


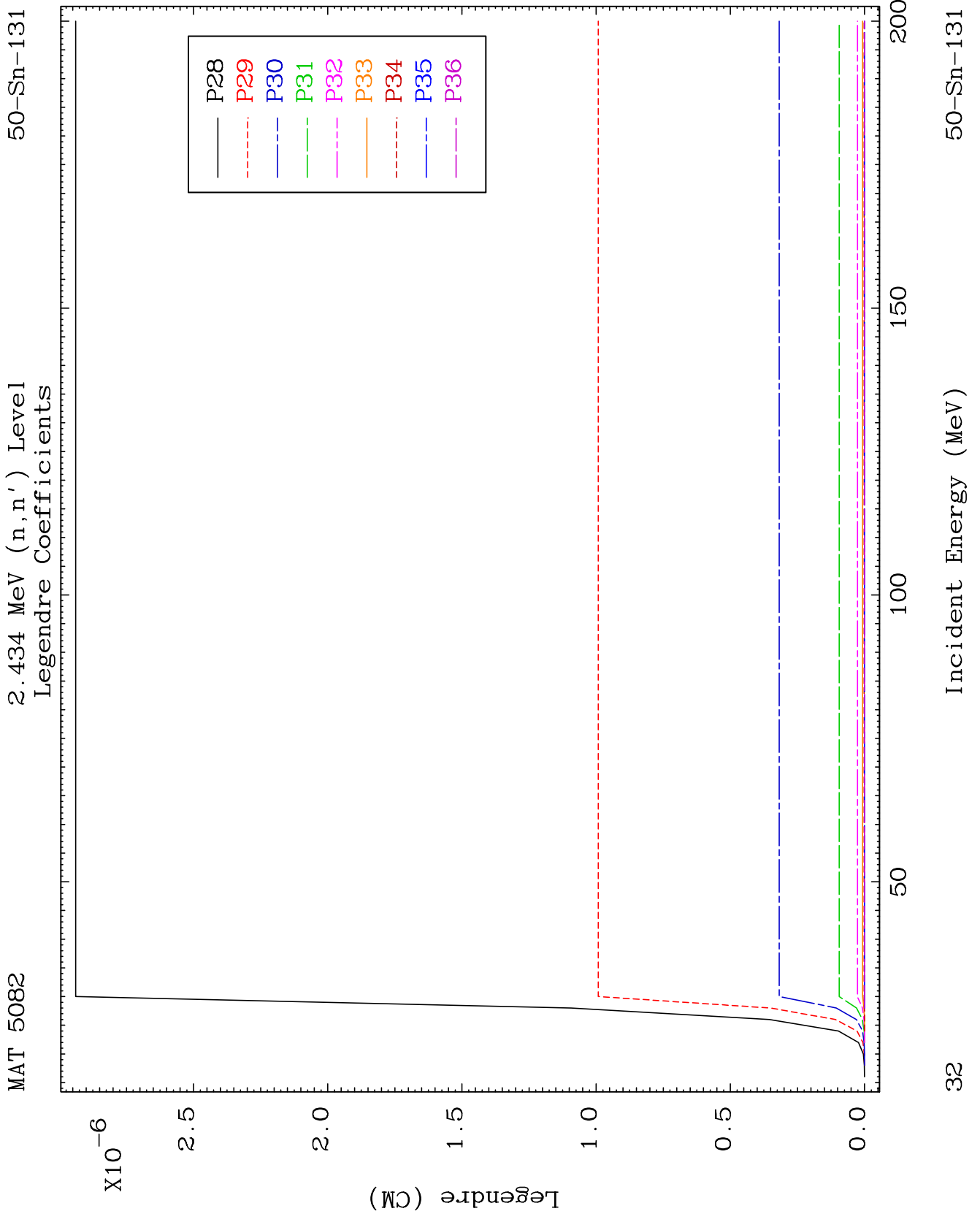


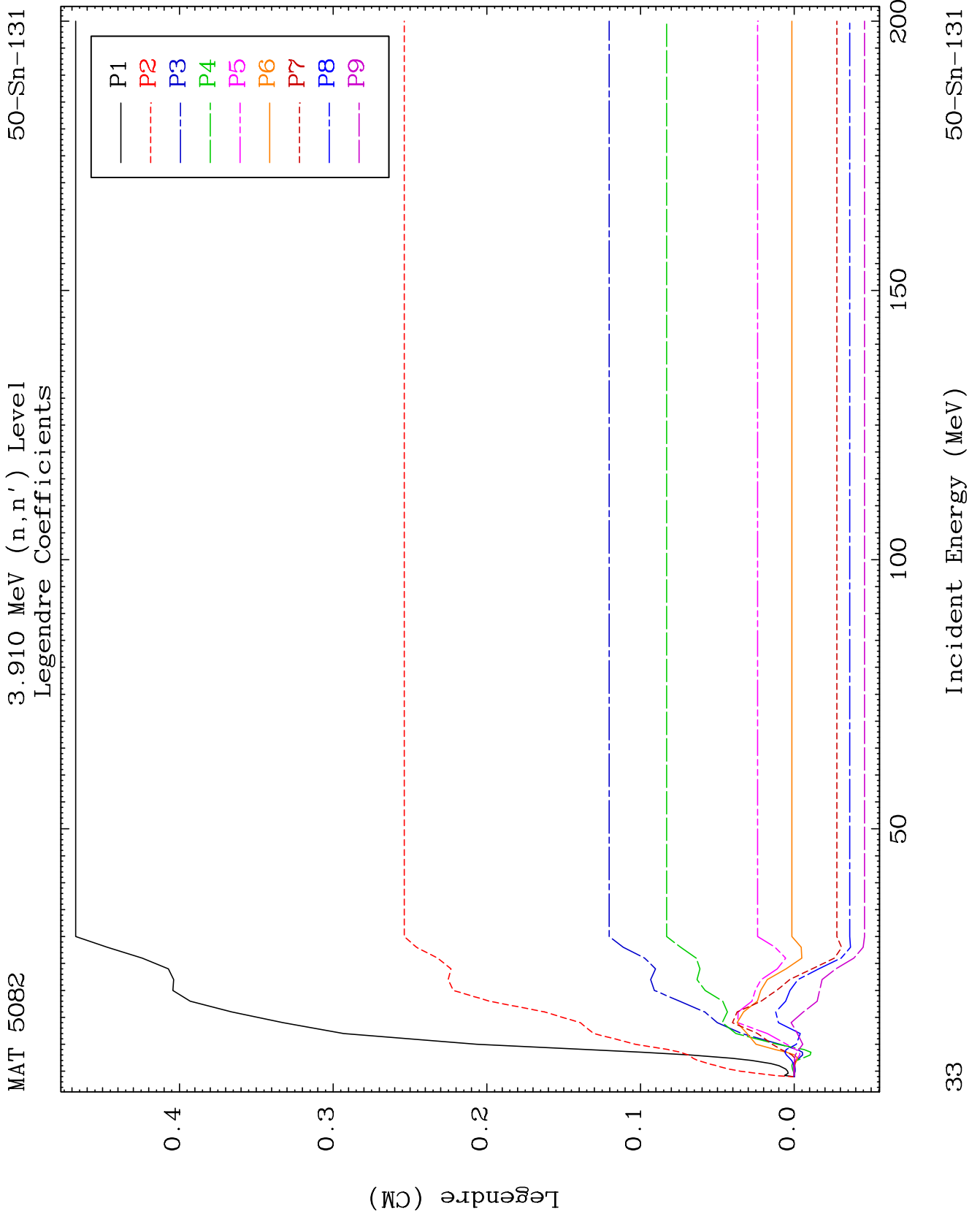








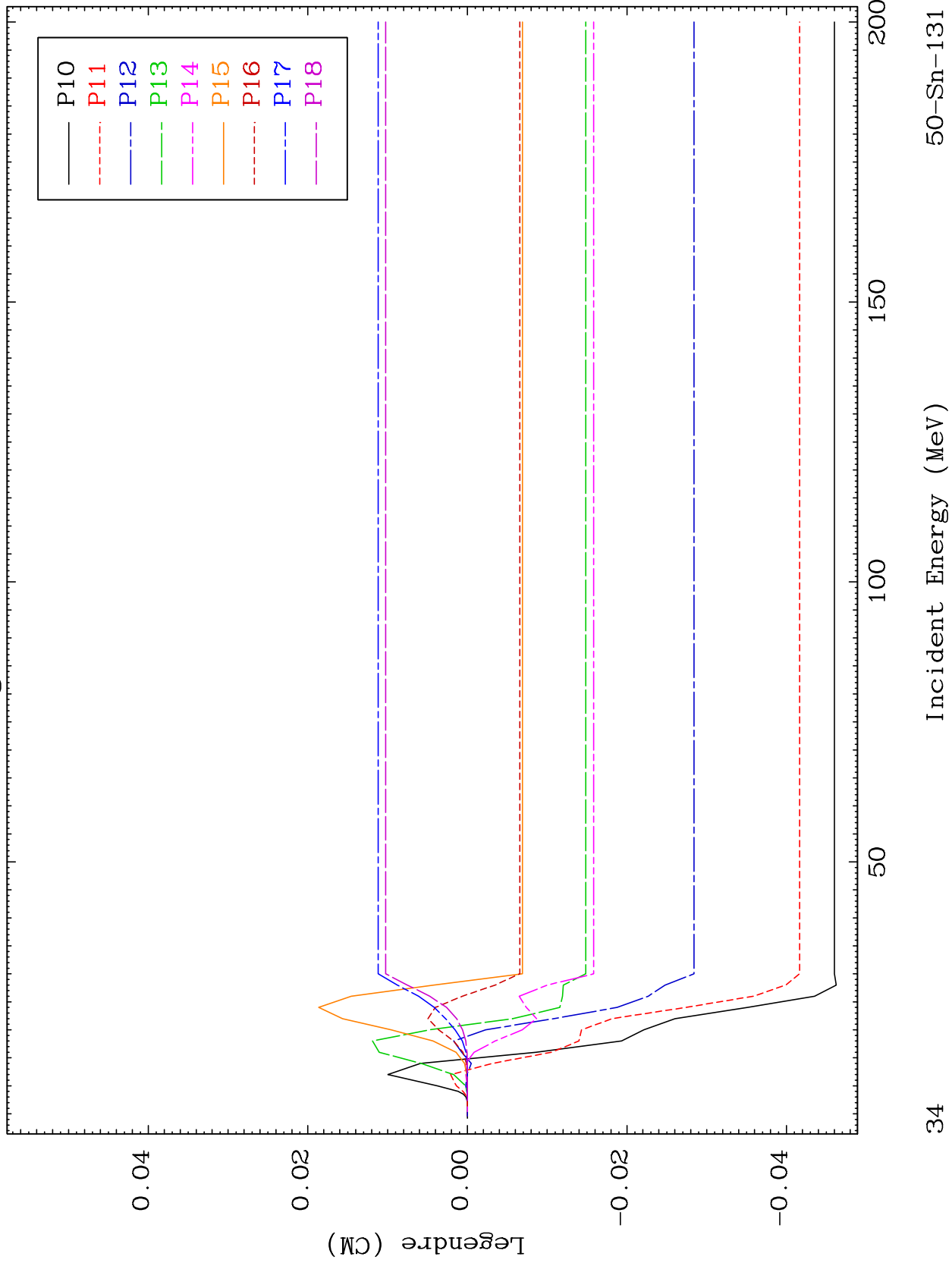




MAT 5082

3.910 MeV (n,n') Level
Legendre Coefficients

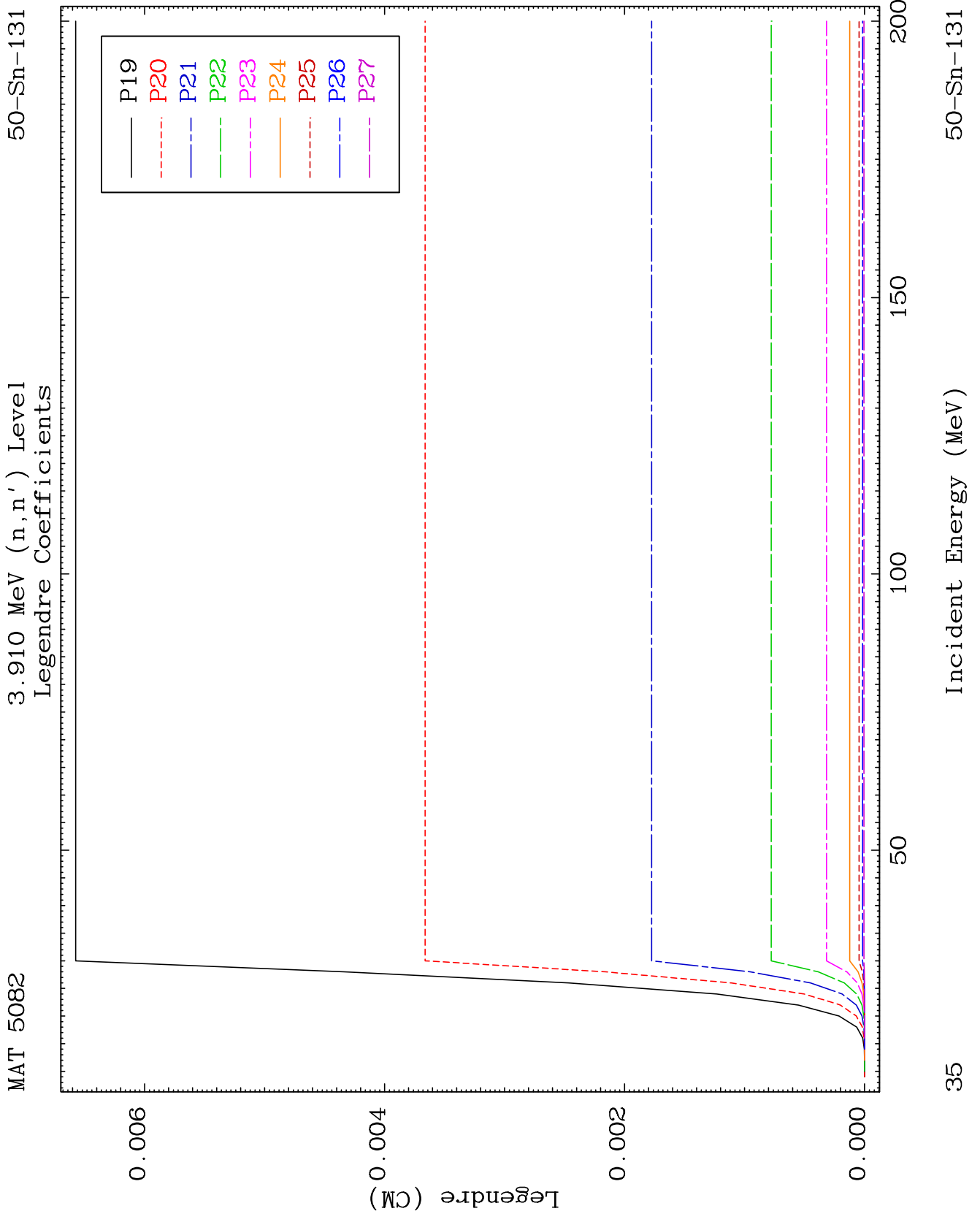
50-Sn-131

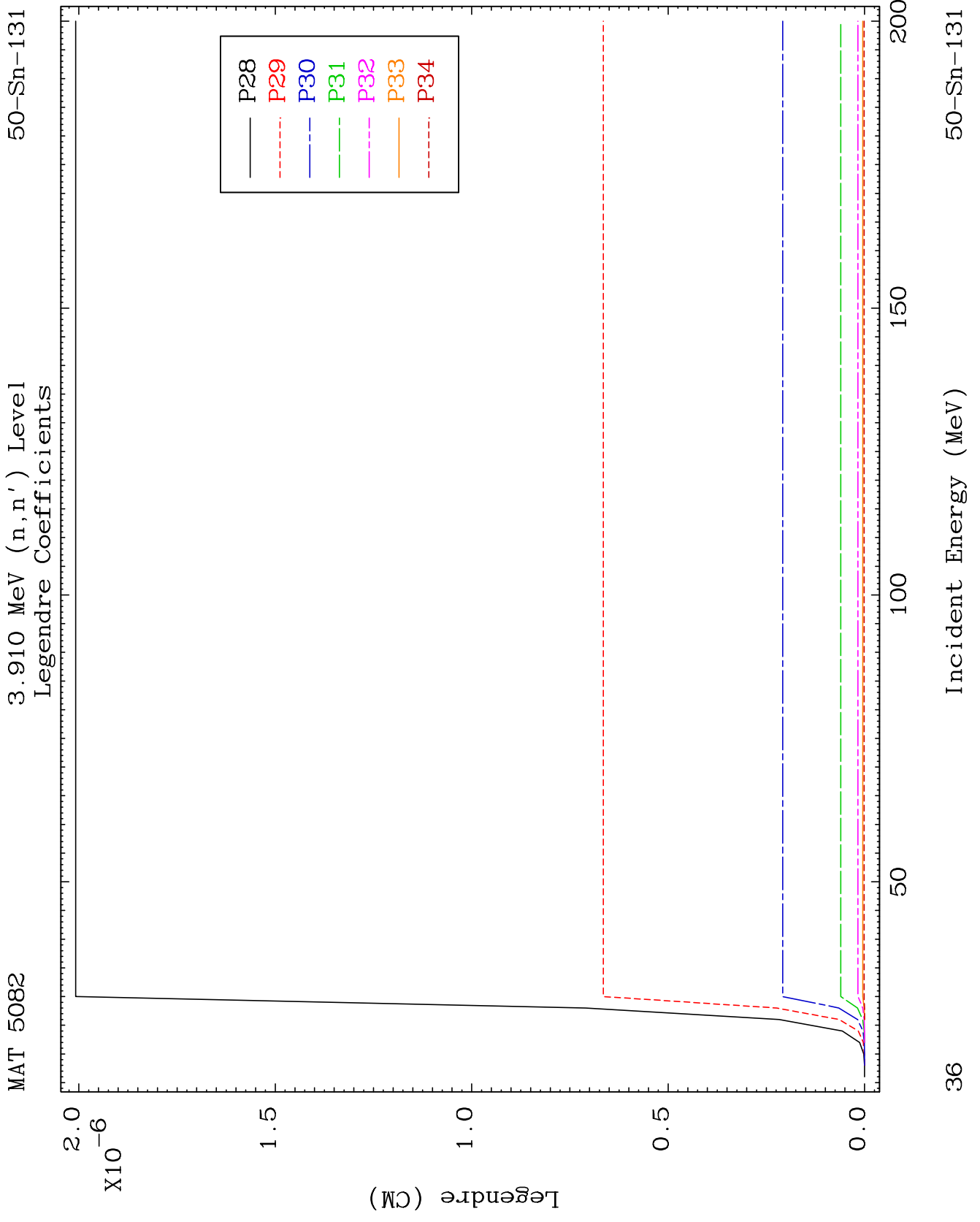


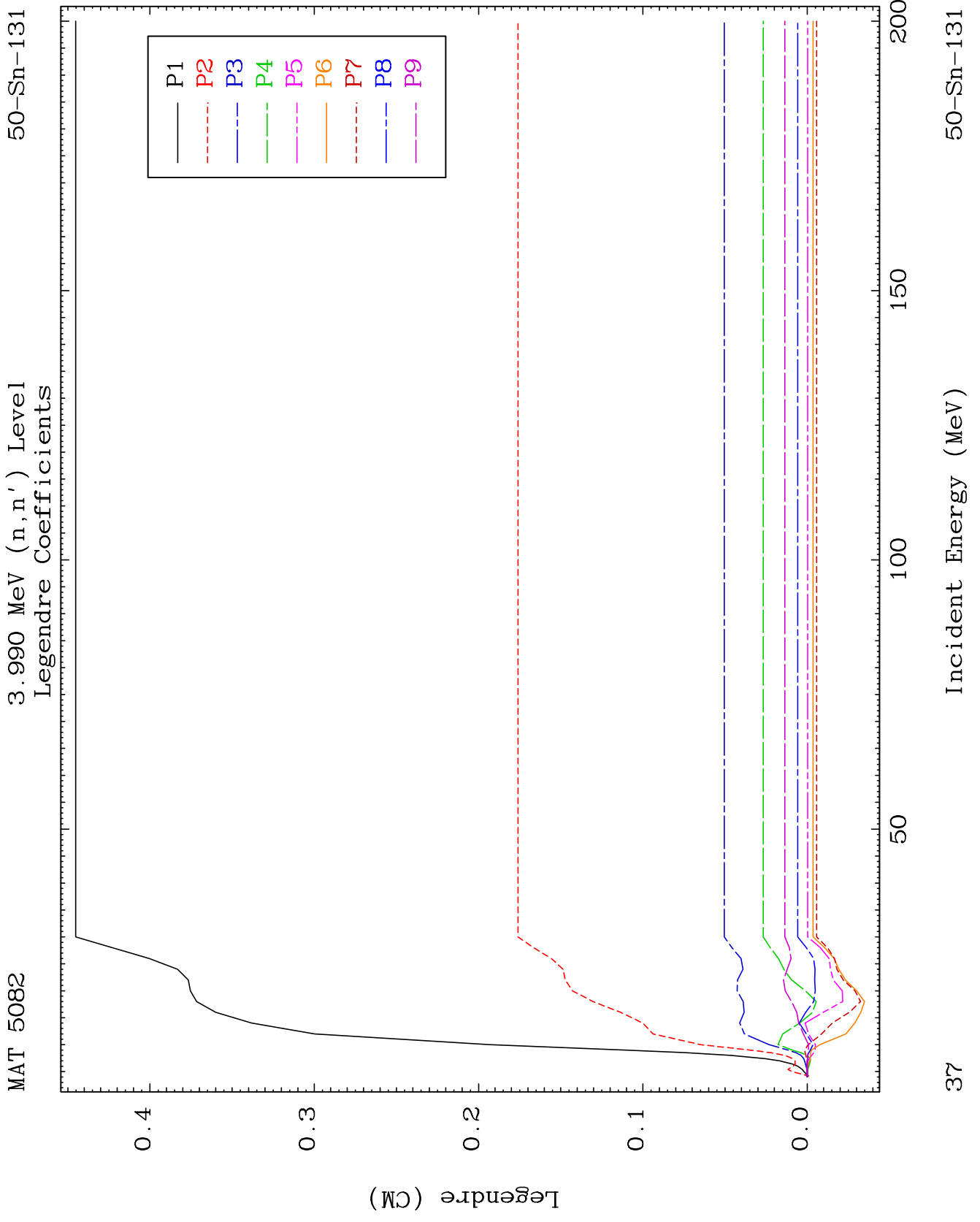
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Incident Energy (MeV)

50-Sn-131



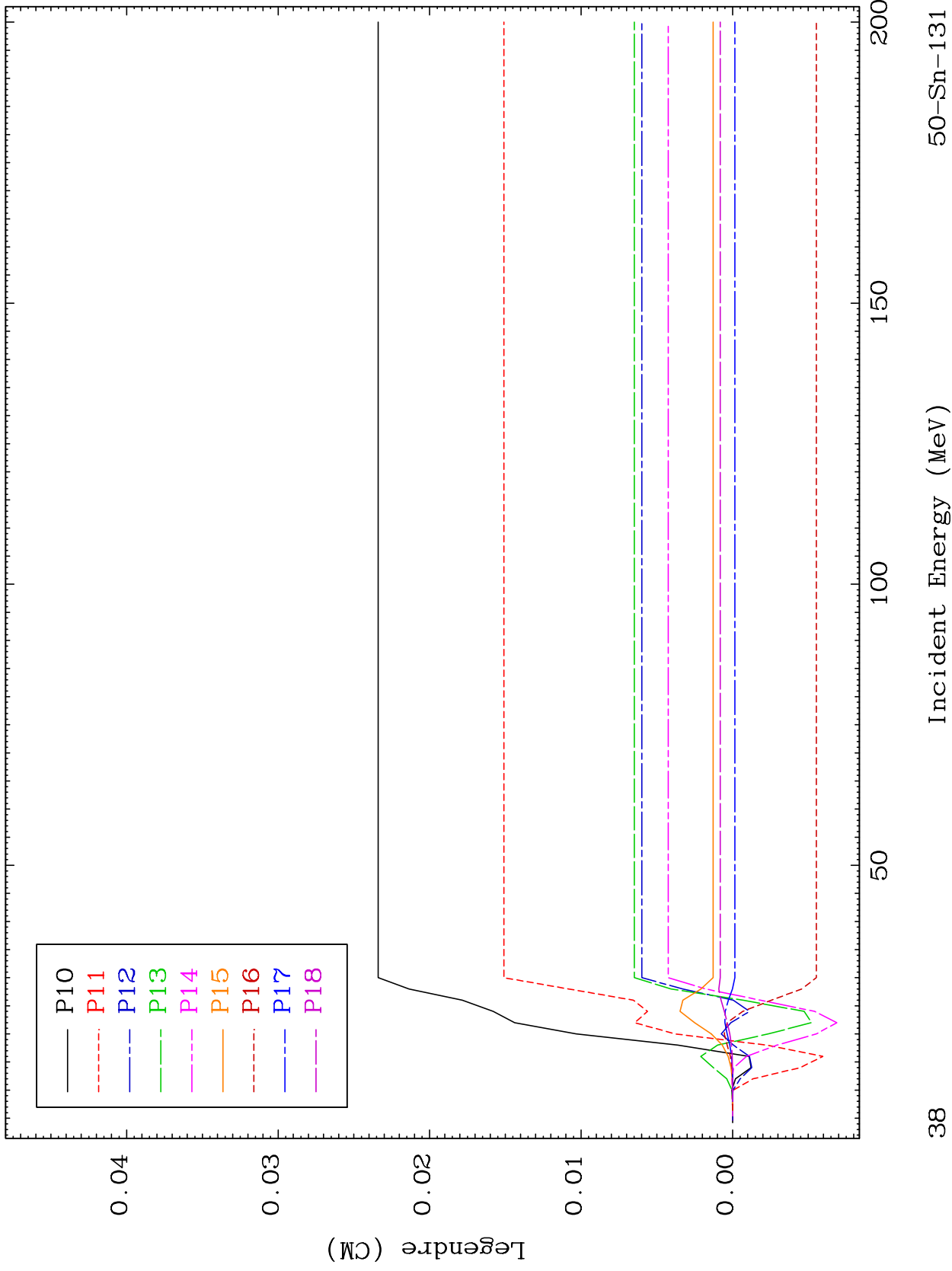




MAT 5082

3.990 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



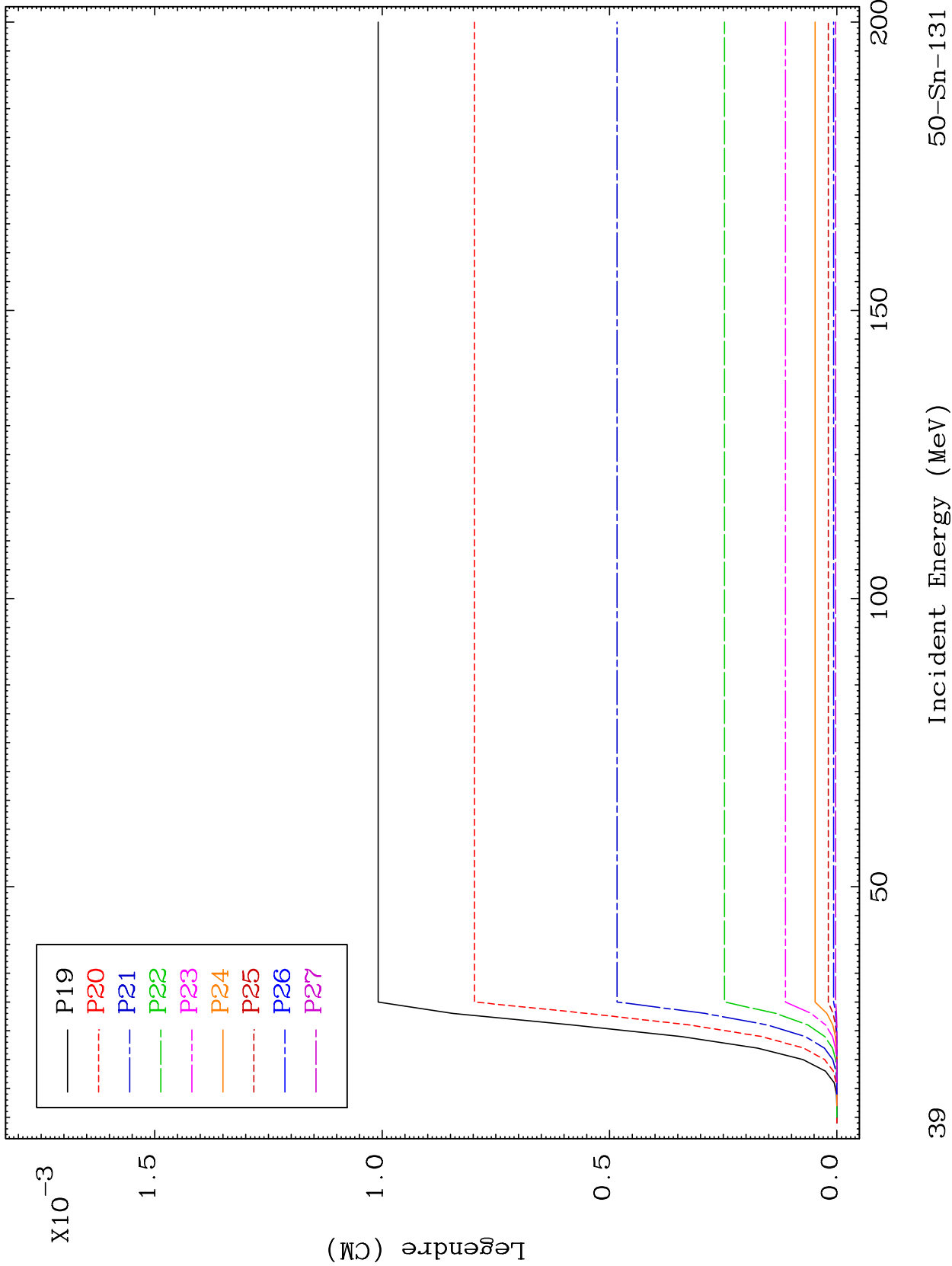
38

50-Sn-131

MAT 5082

3.990 MeV (n,n') Level
Legendre Coefficients

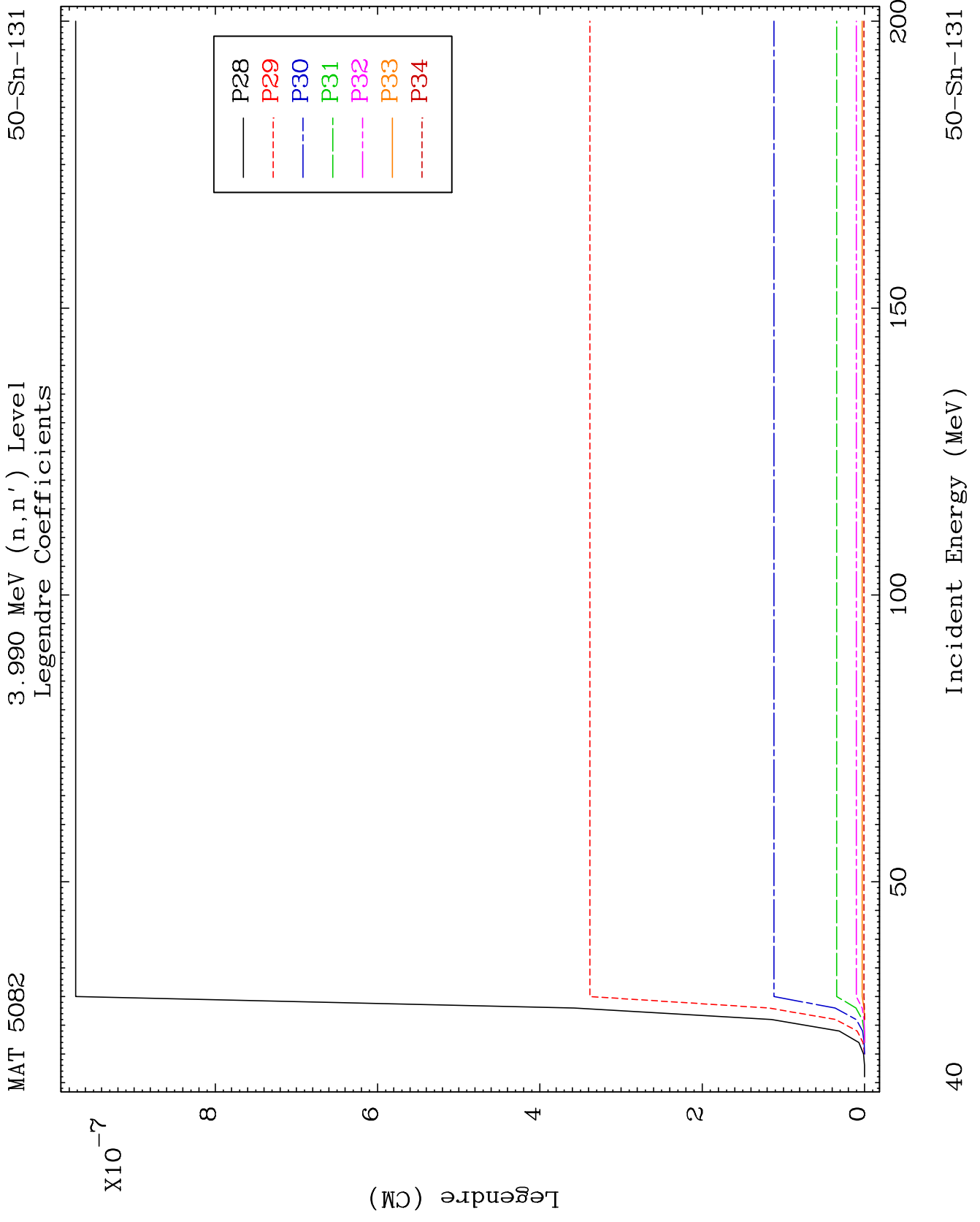
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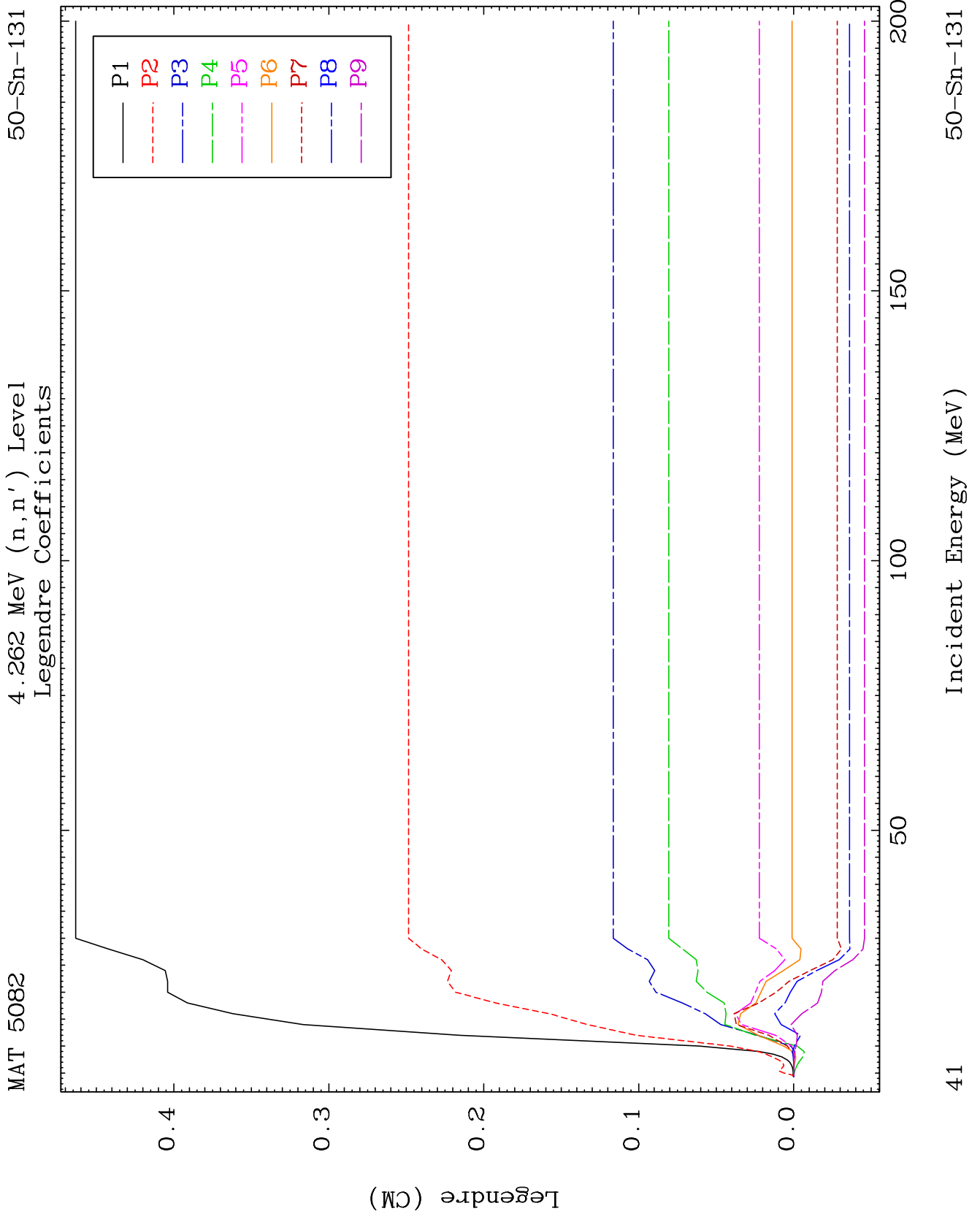


39

Incident Energy (MeV)

50-Sn-131

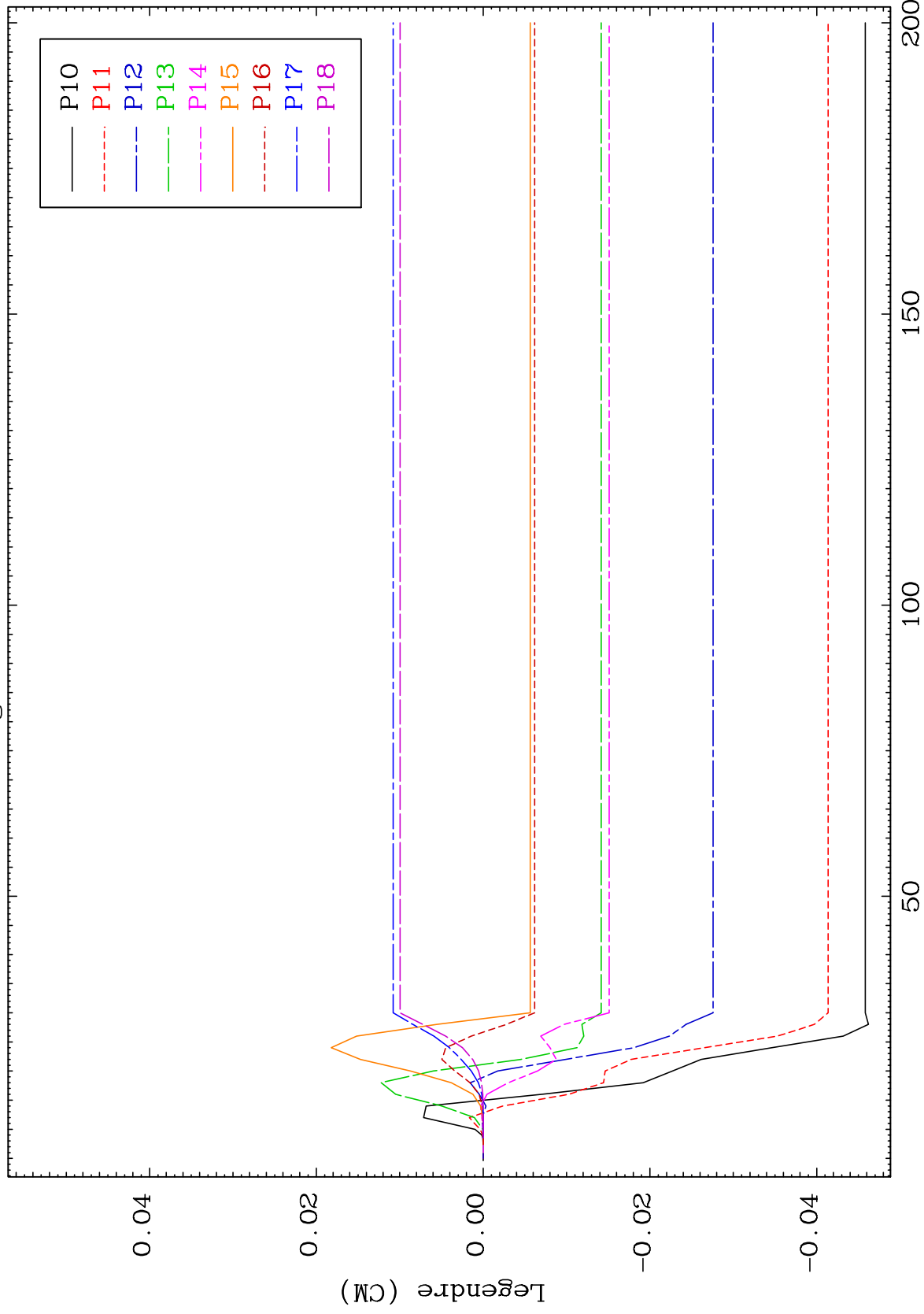




MAT 5082

4.262 MeV (n,n') Level
Legendre Coefficients

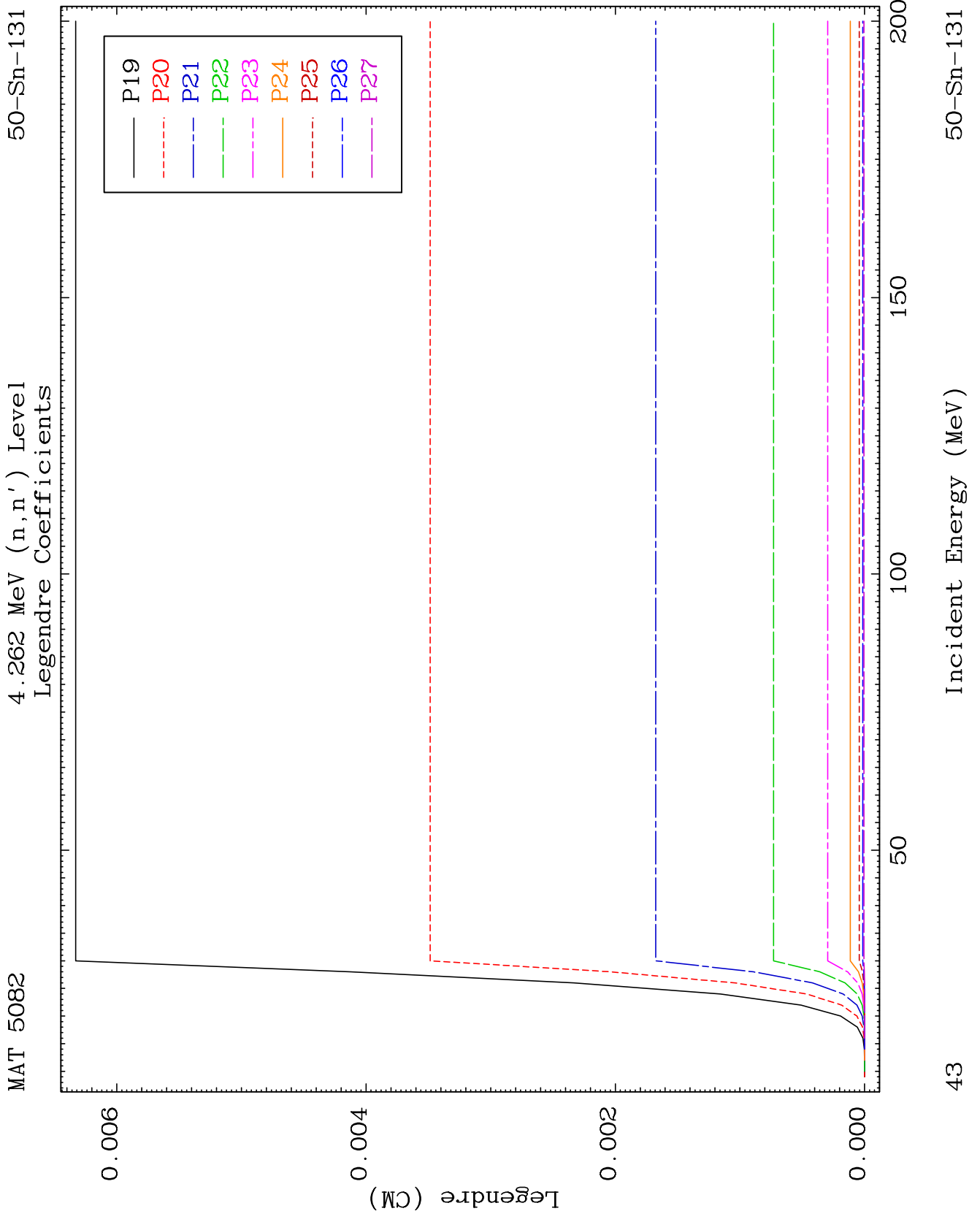
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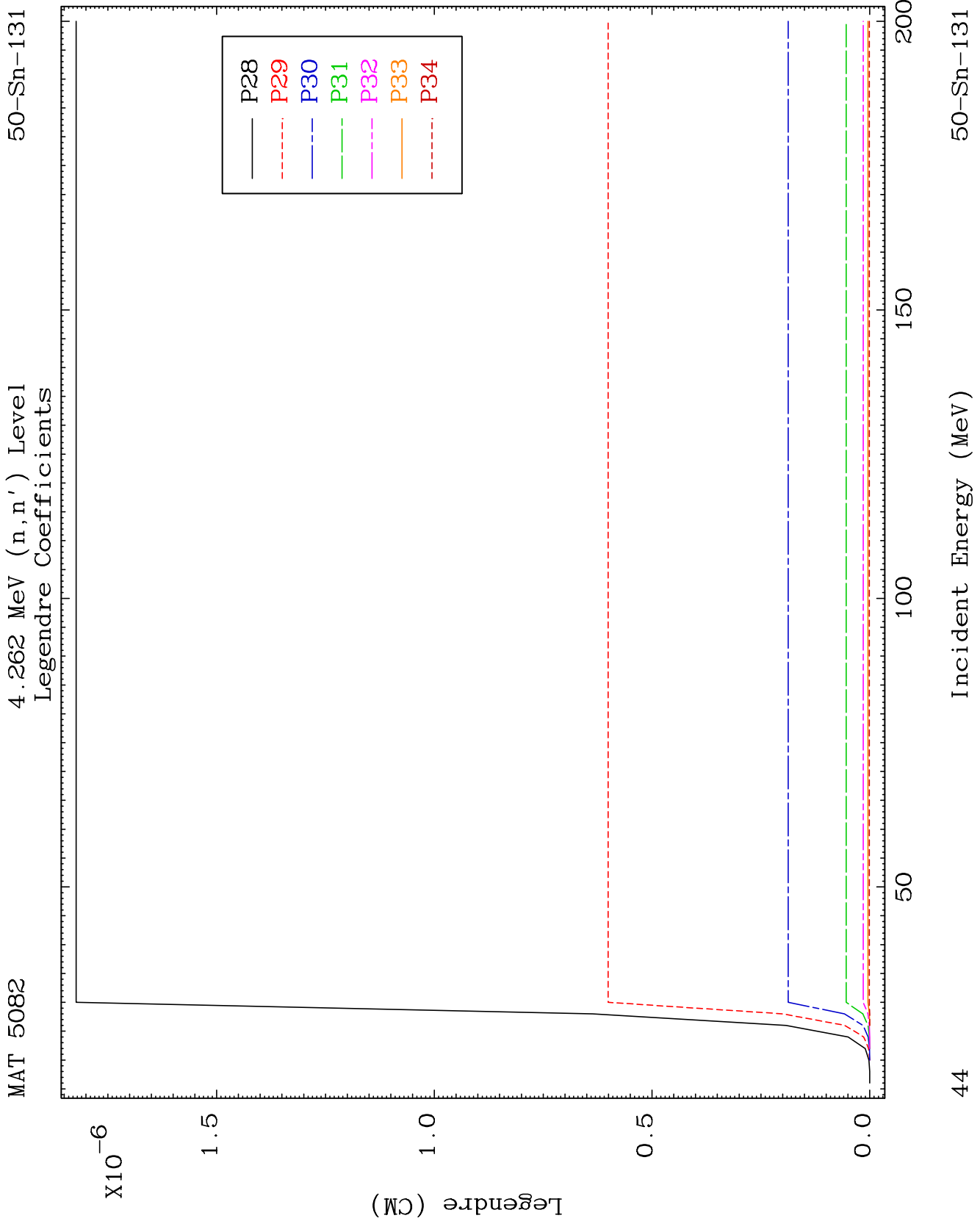


42

Incident Energy (MeV)

50-Sn-131

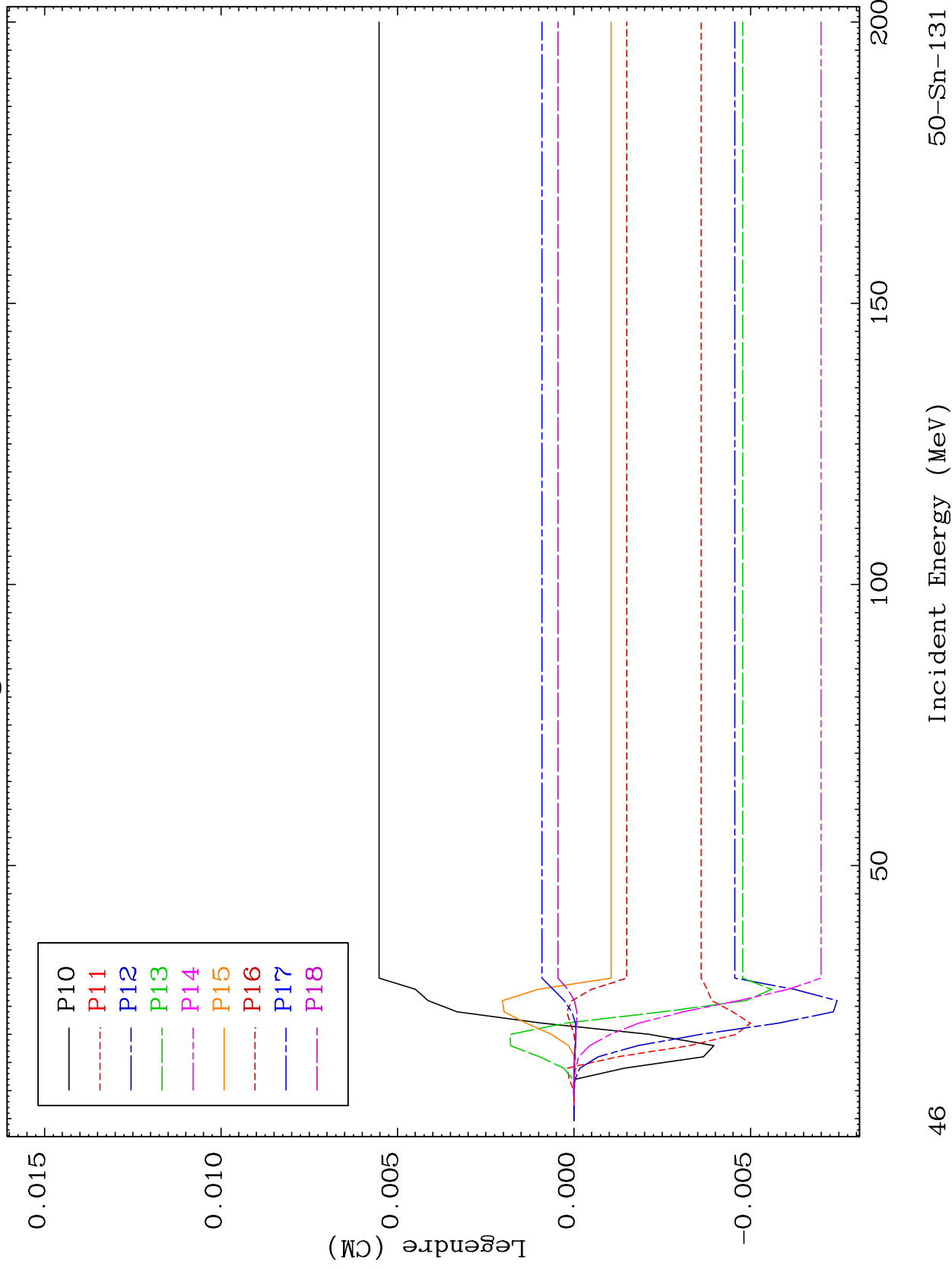




MAT 5082

4.353 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



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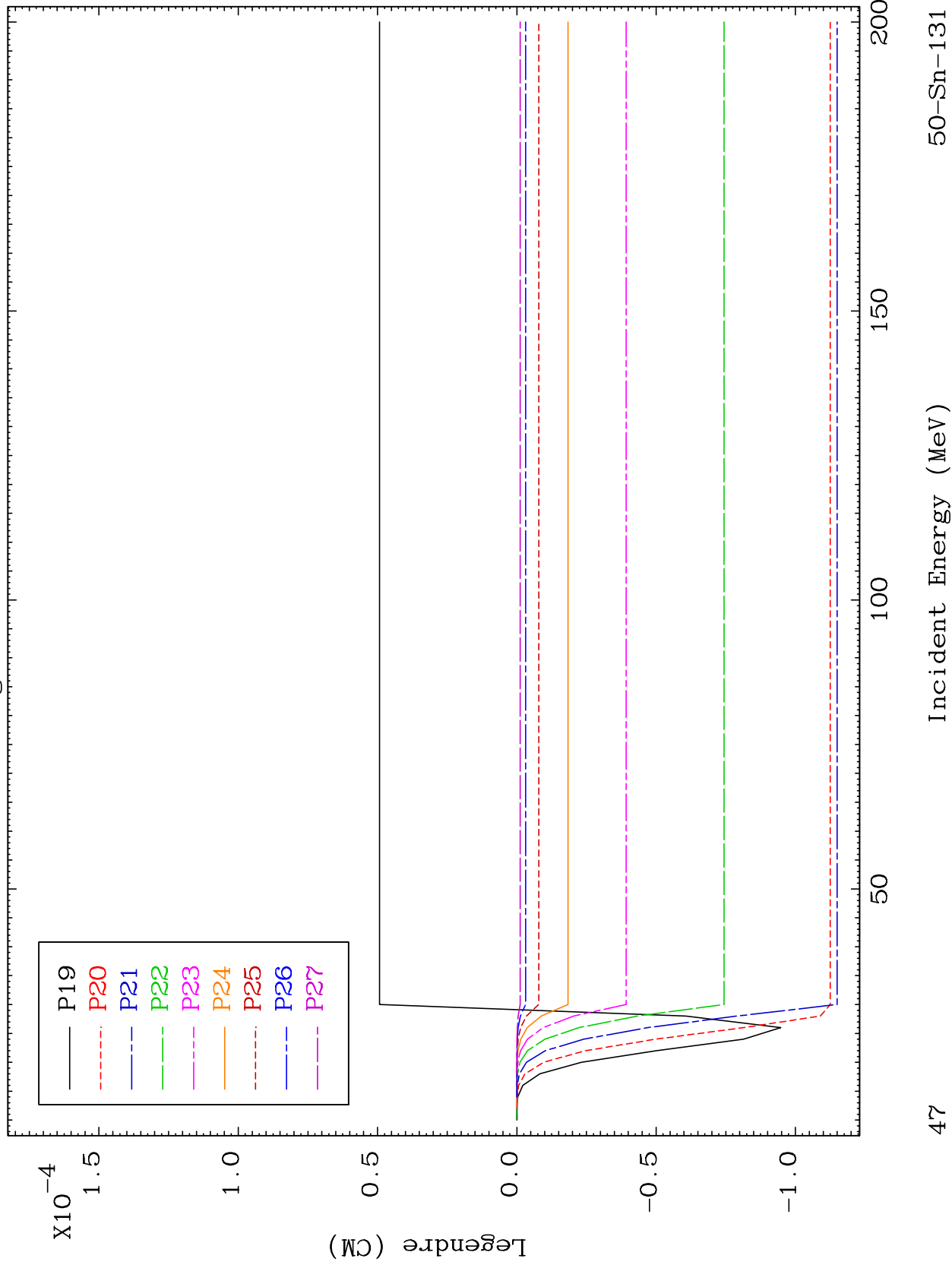
Incident Energy (MeV)

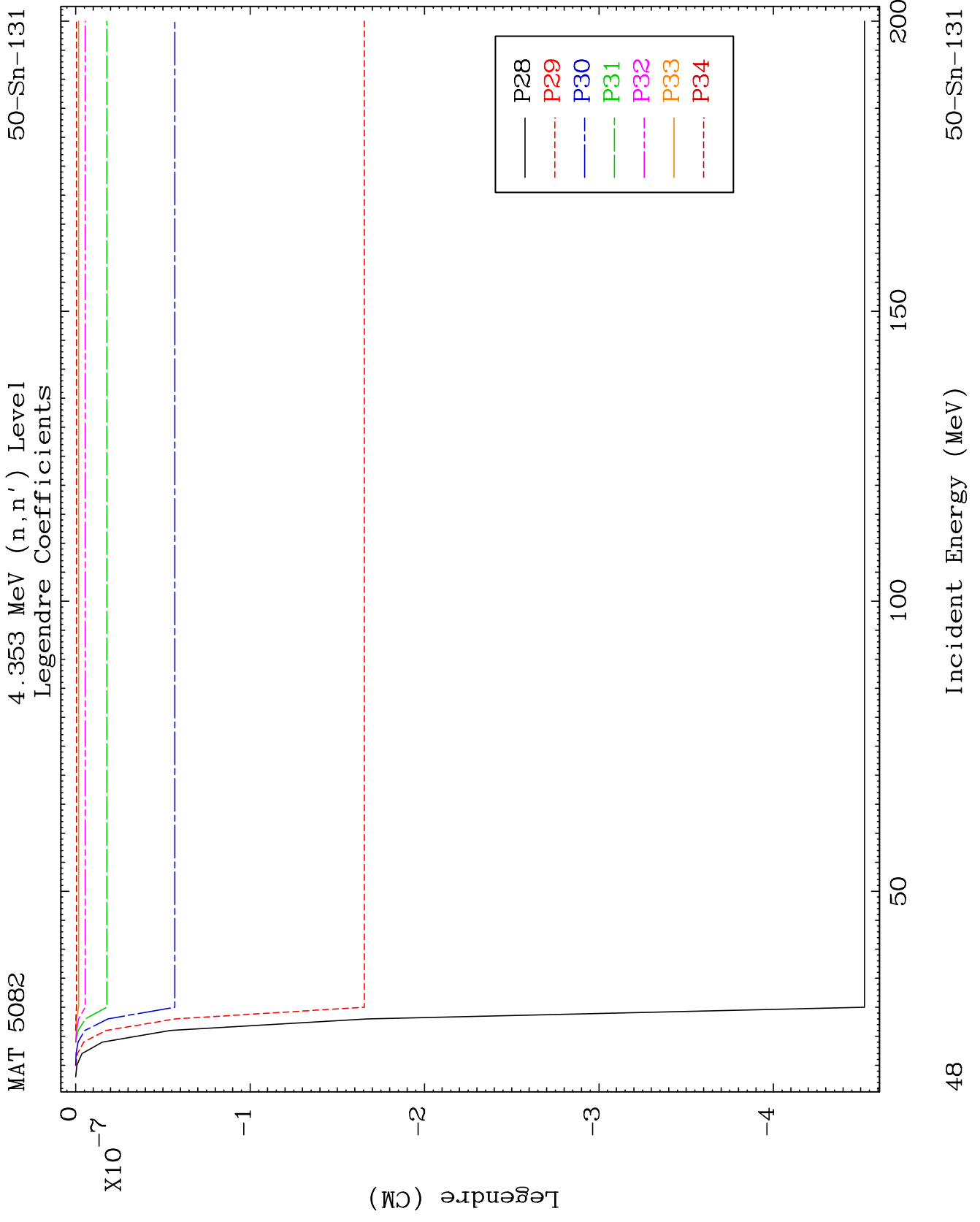
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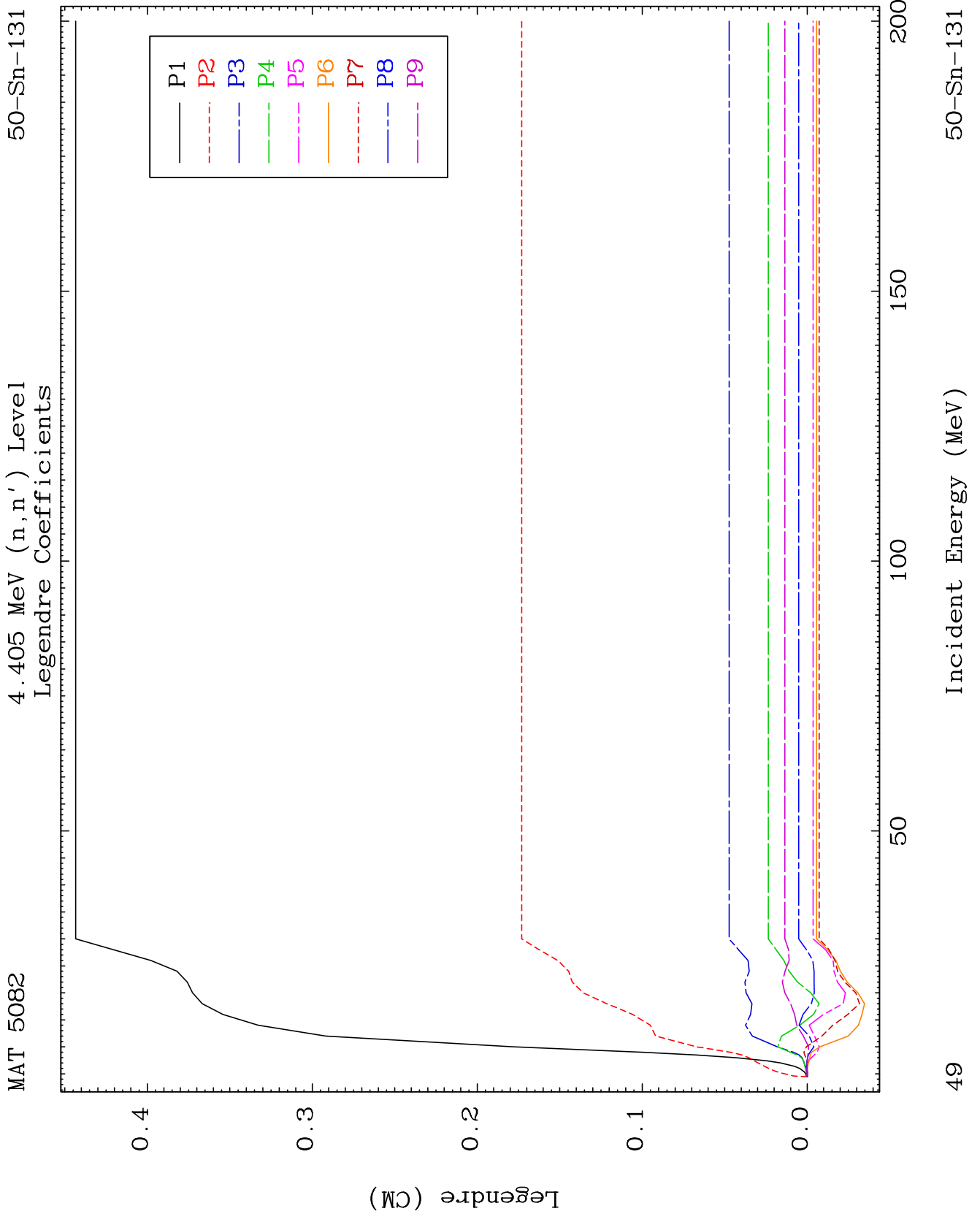
MAT 5082

4.353 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



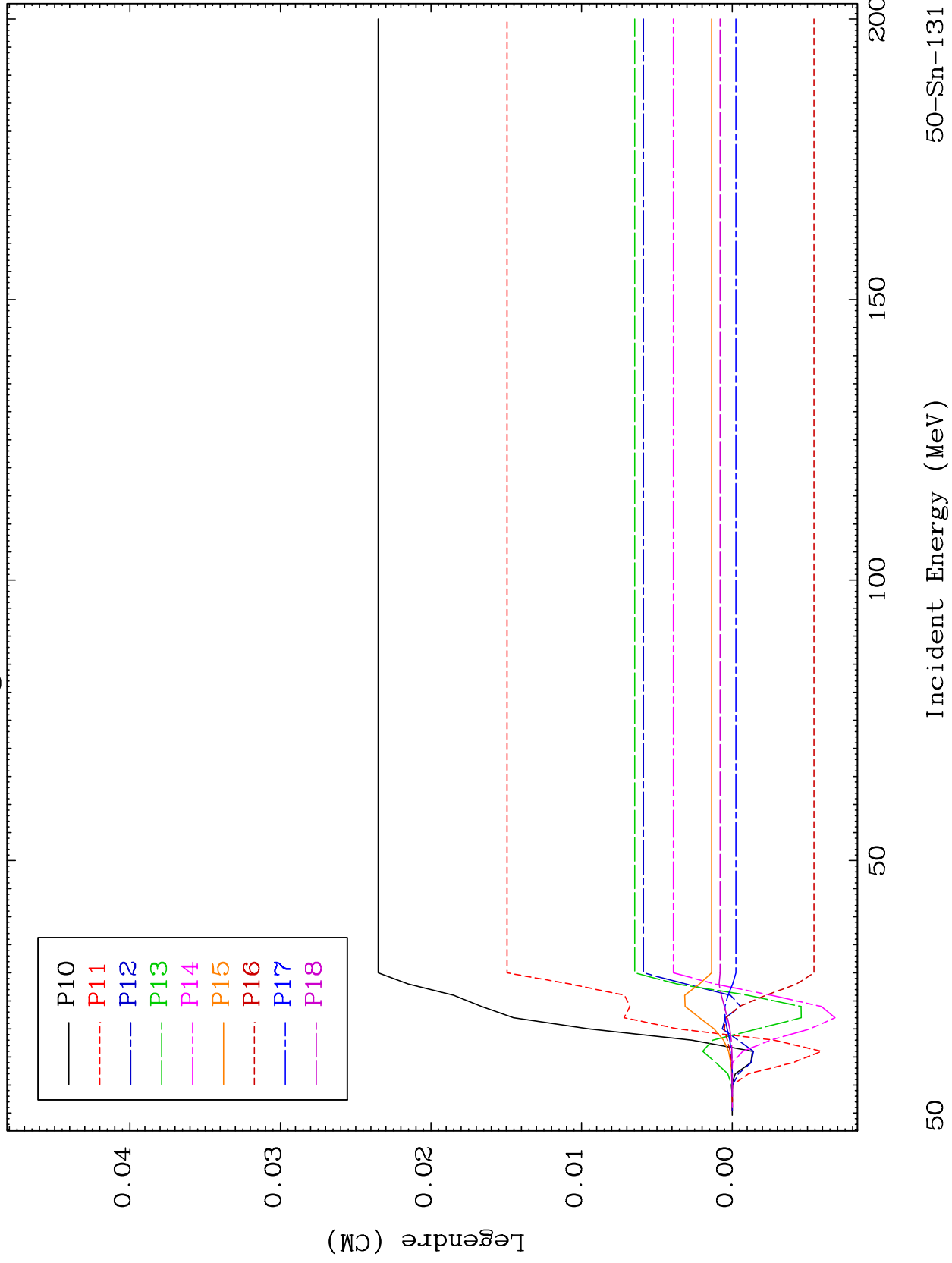




MAT 5082

4.405 MeV (n,n') Level
Legendre Coefficients

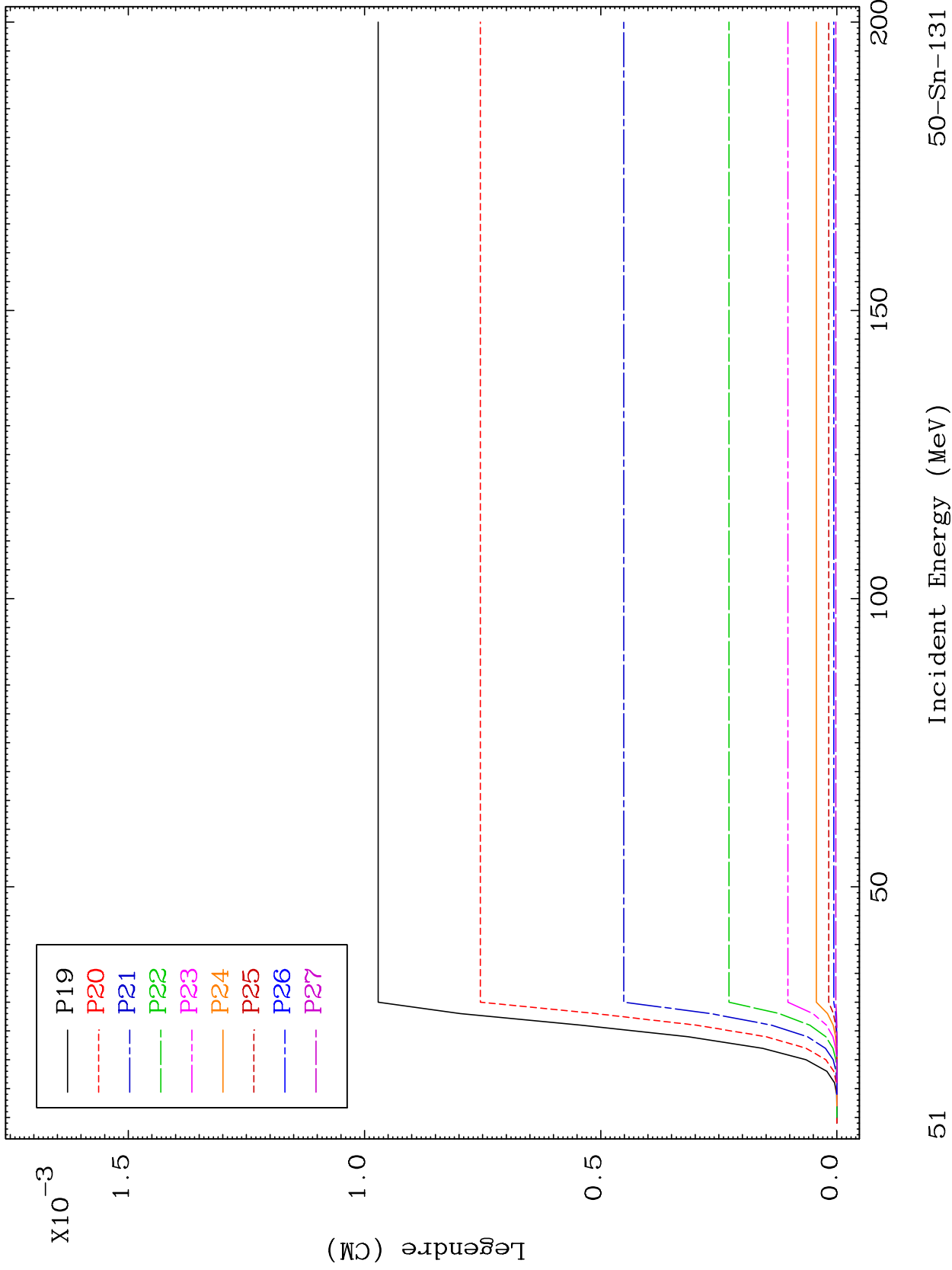
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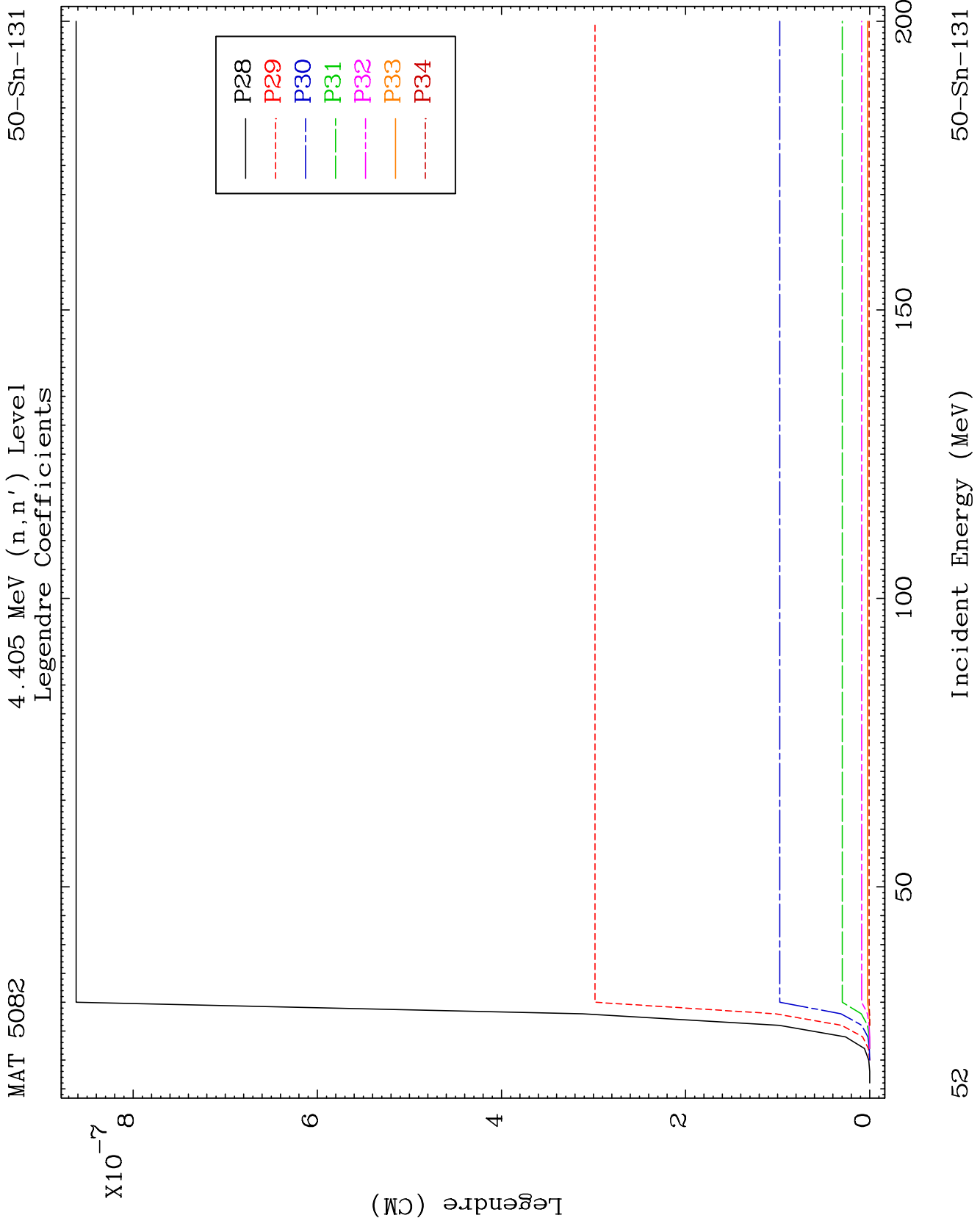


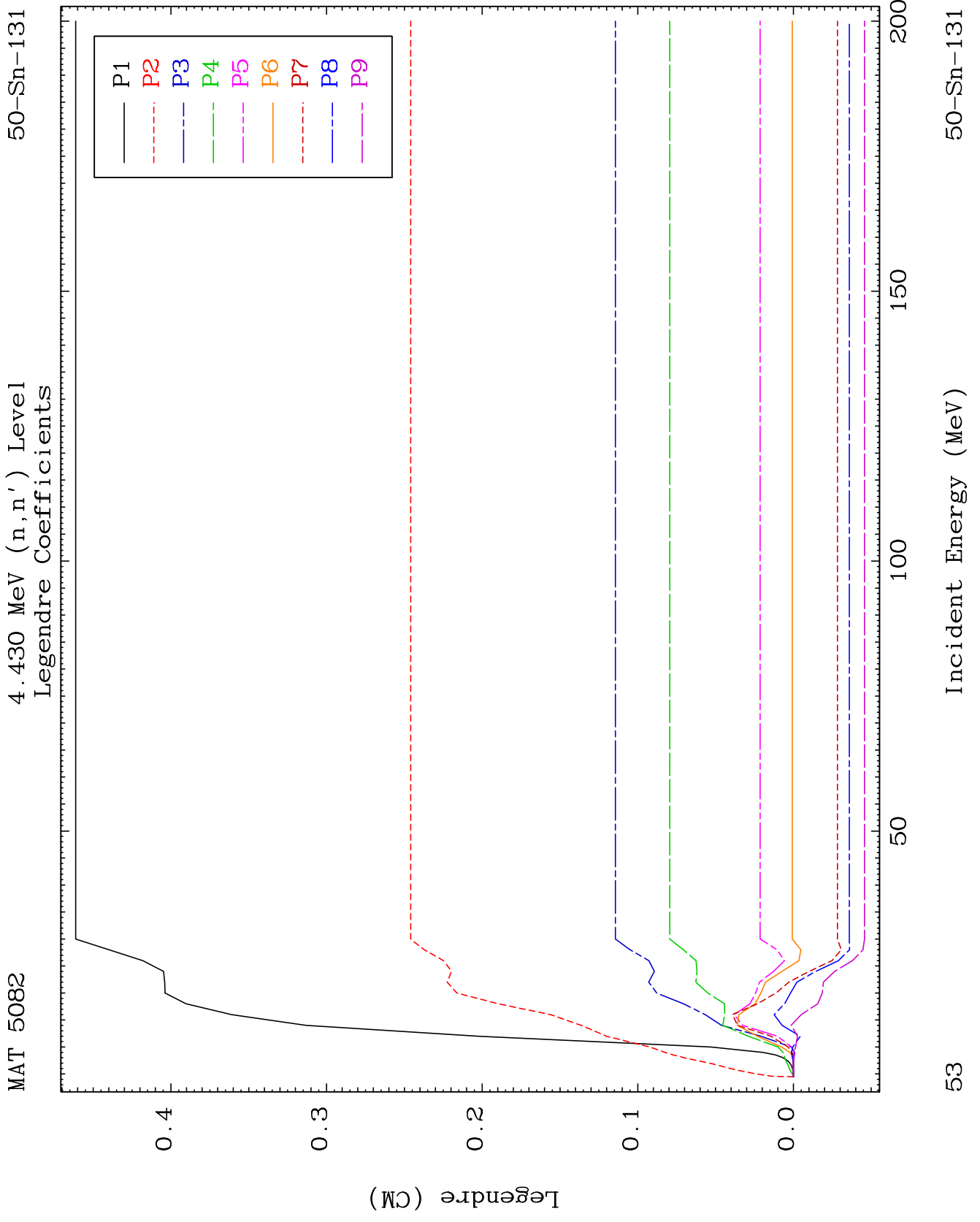
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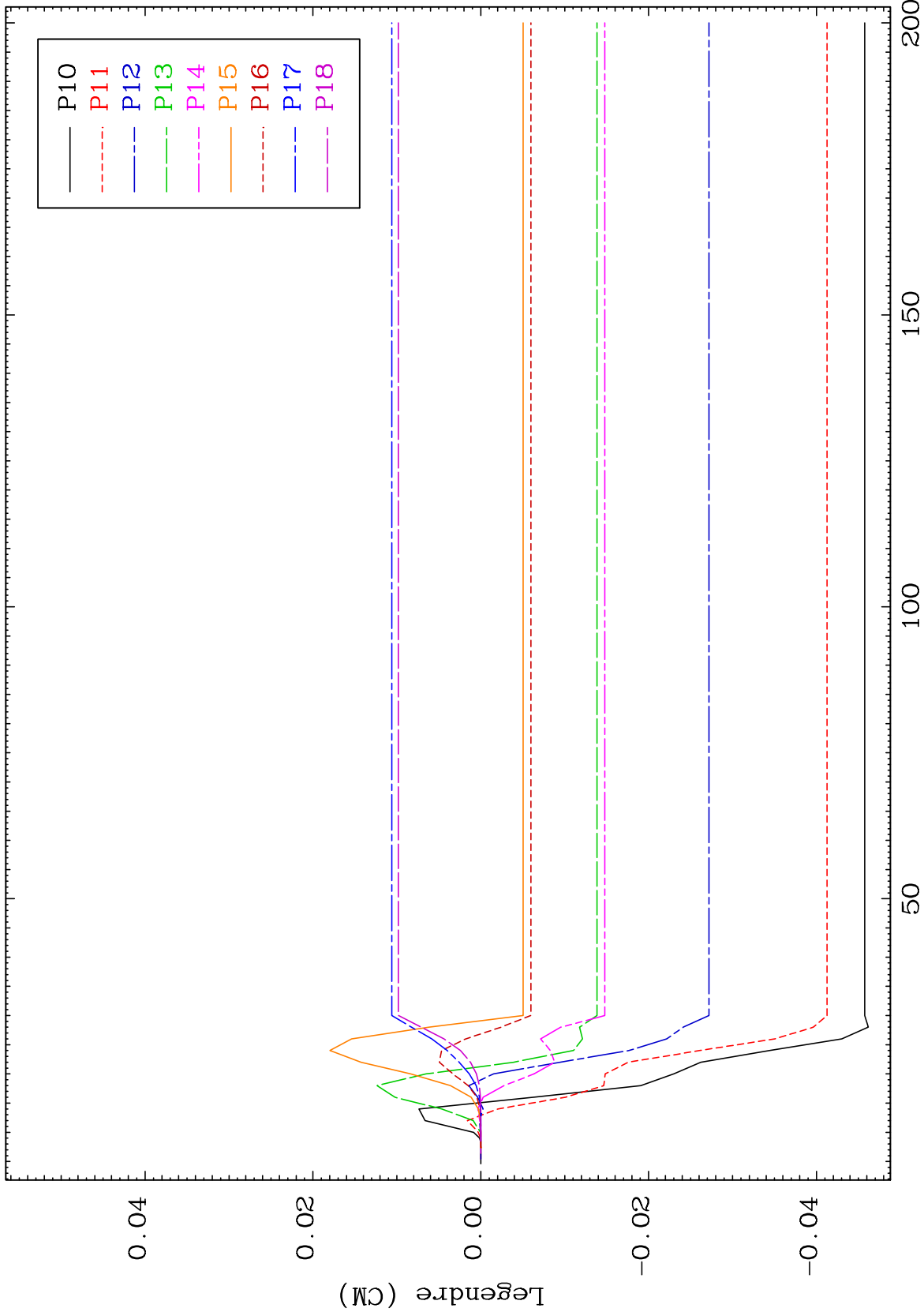
Incident Energy (MeV)

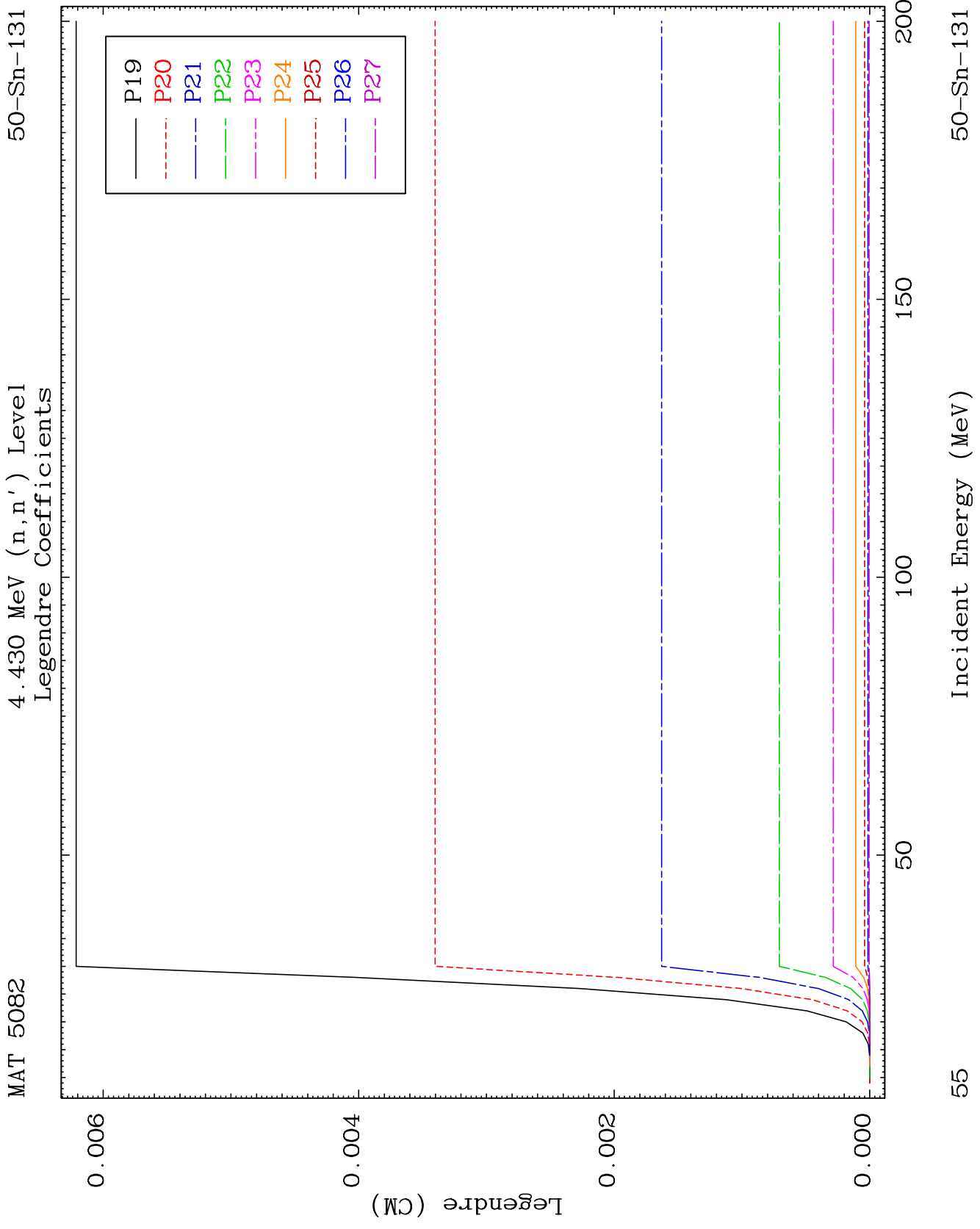
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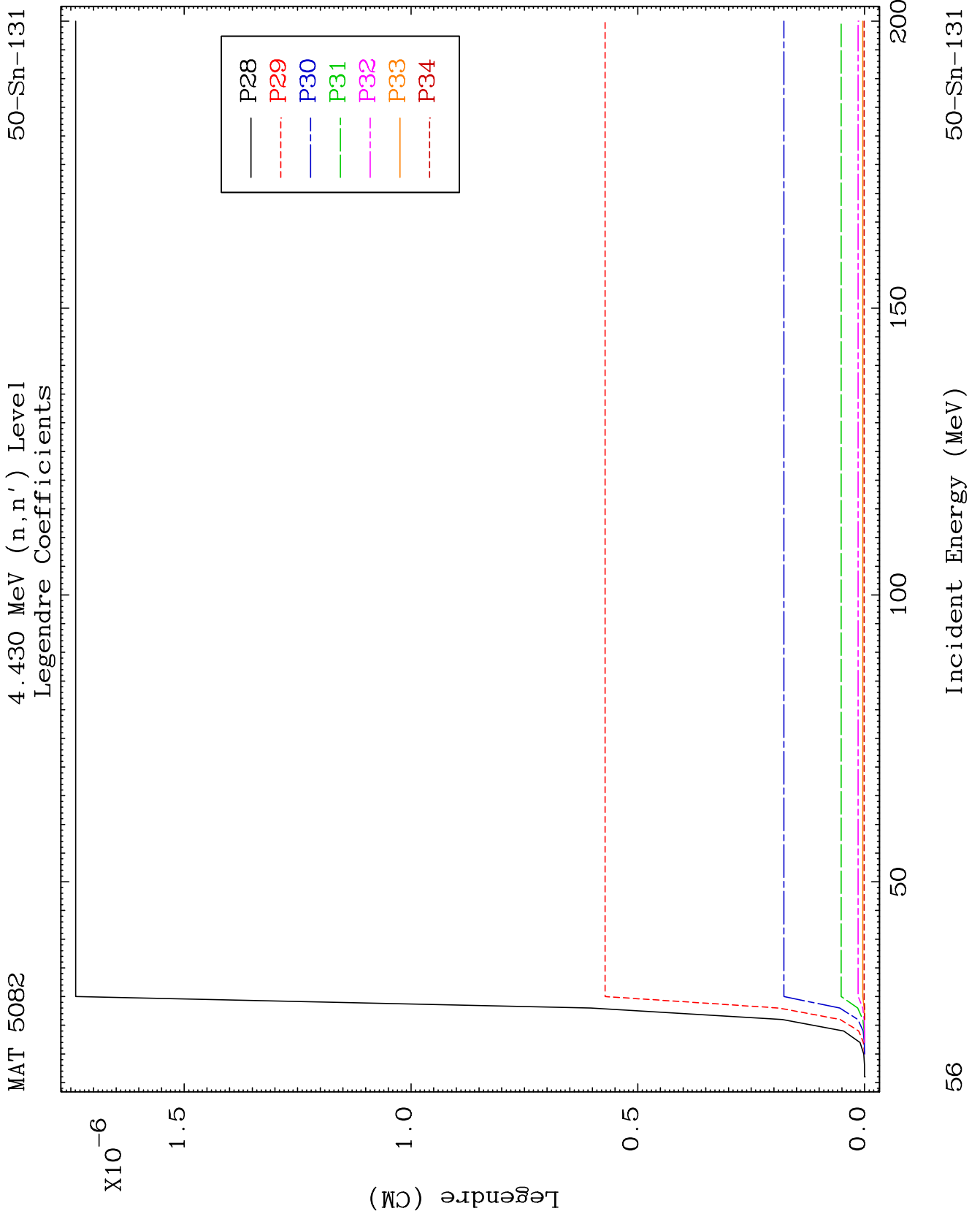


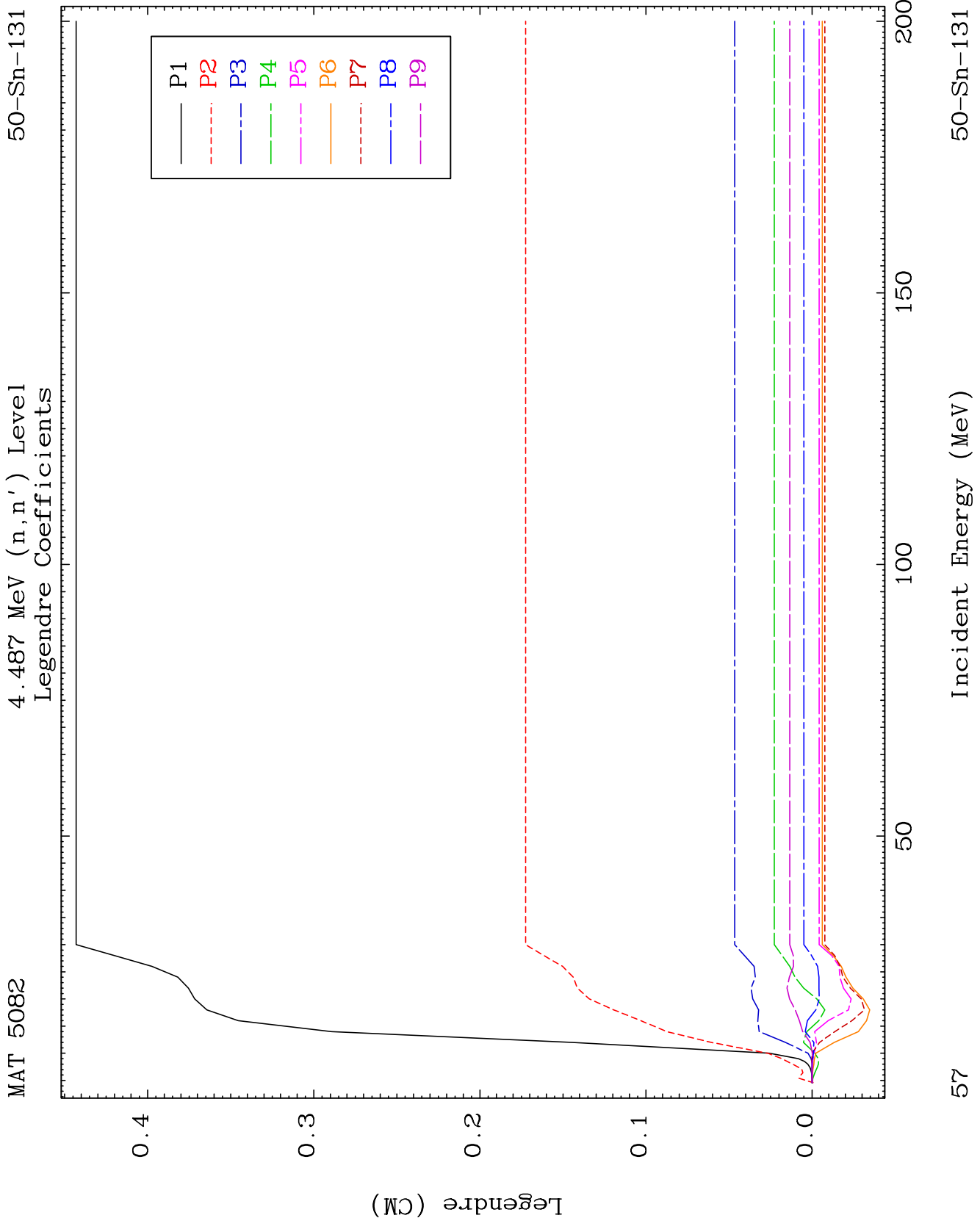








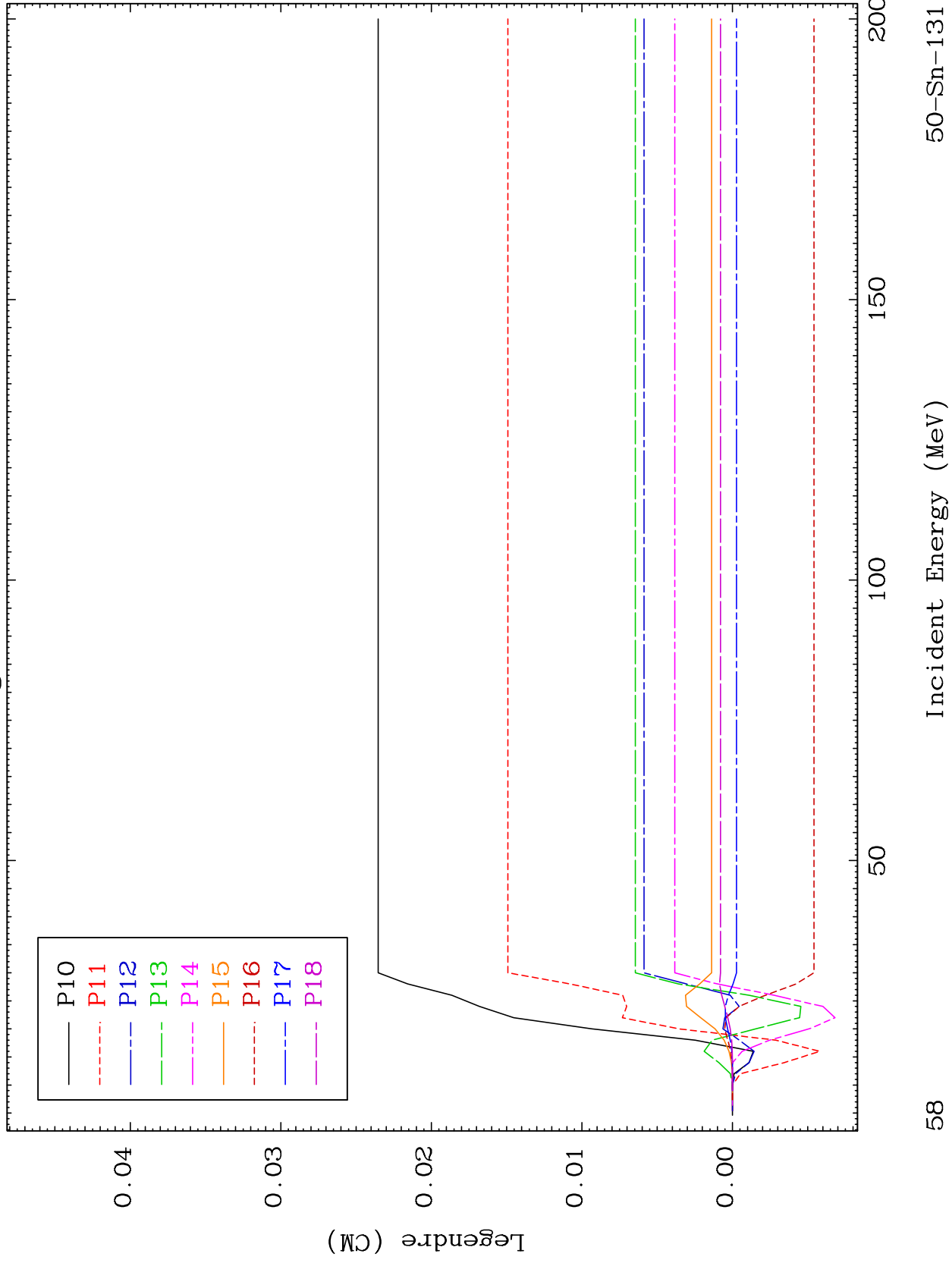




MAT 5082

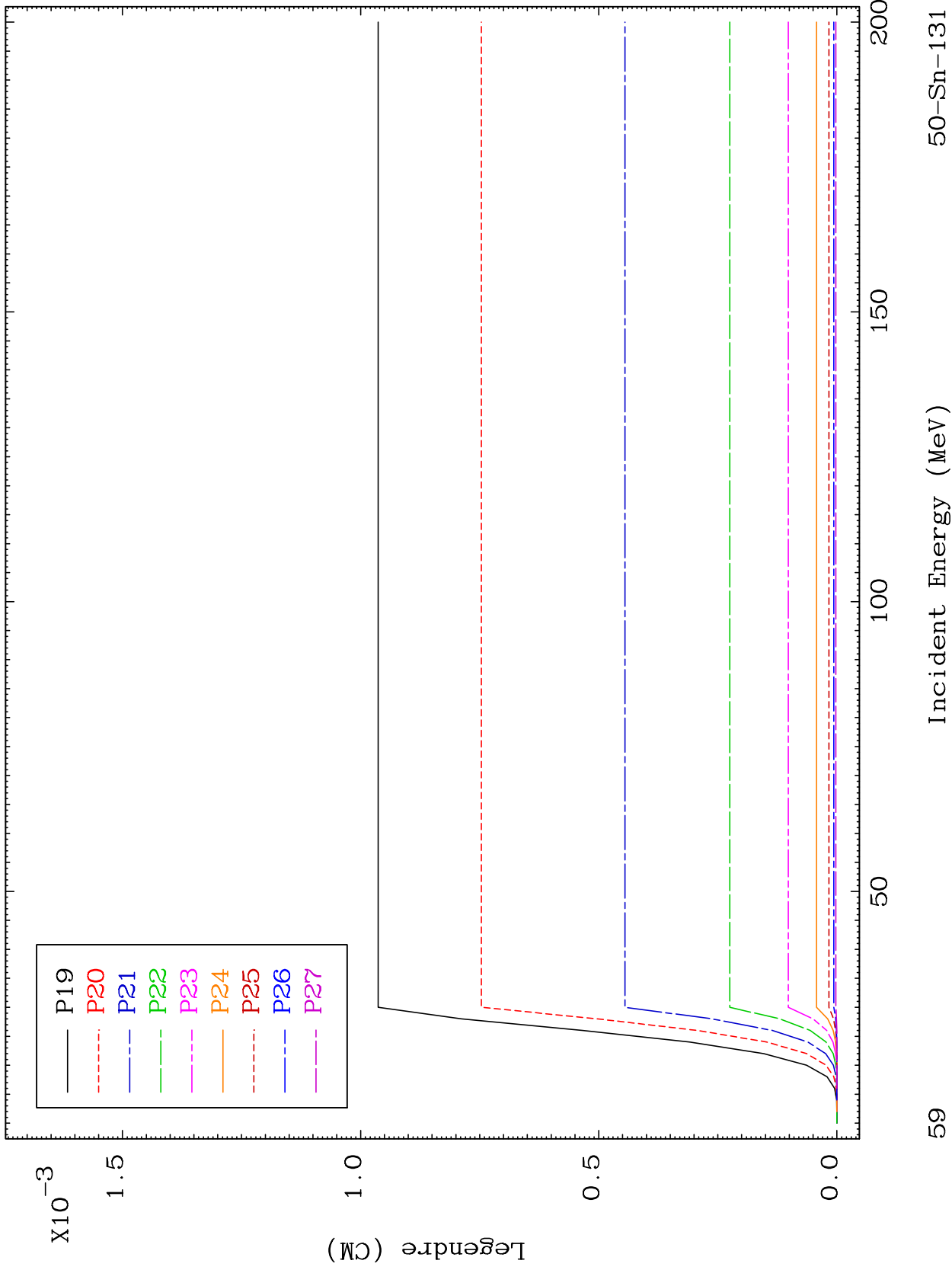
4.487 MeV (n,n') Level
Legendre Coefficients

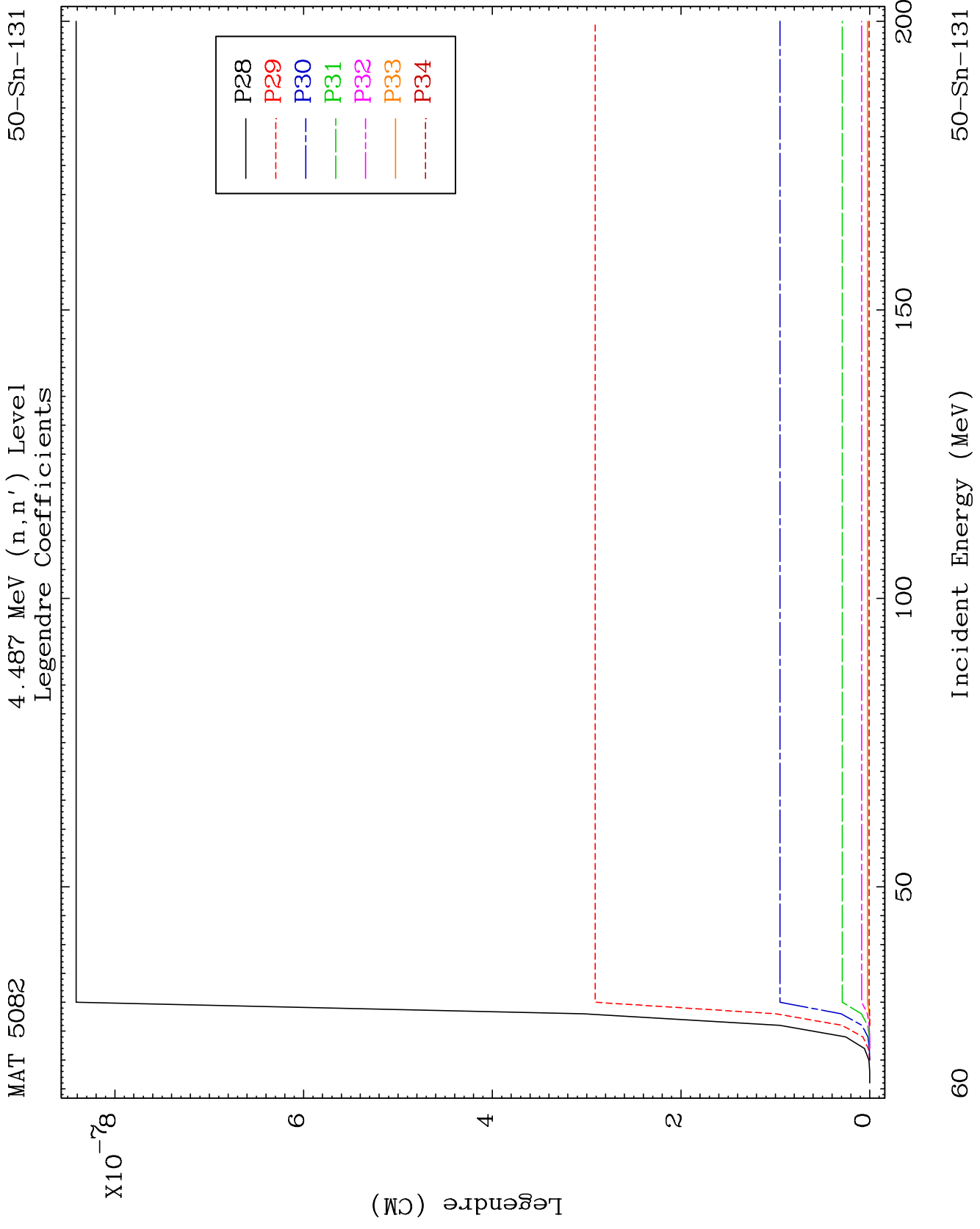
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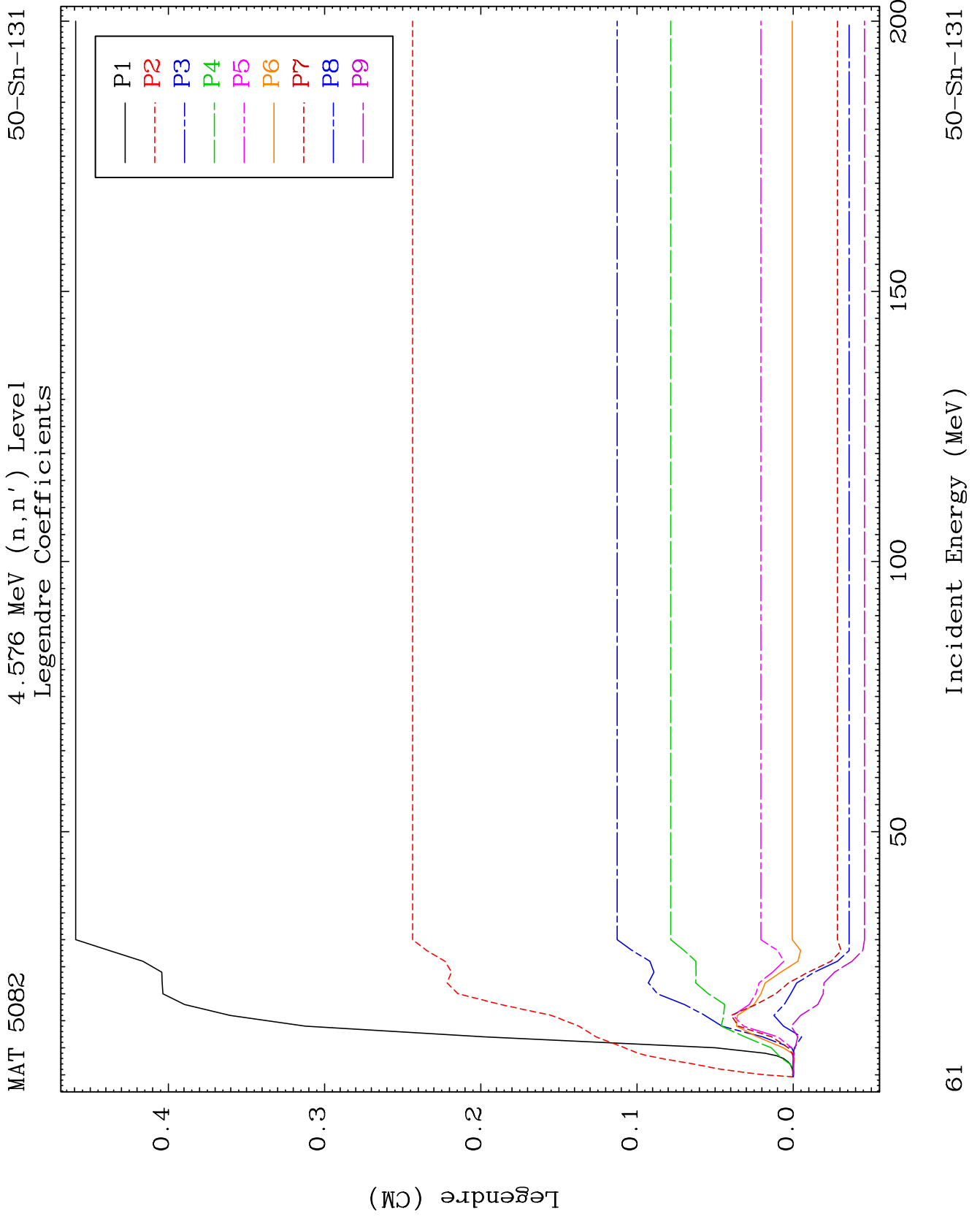


58

50-Sn-131



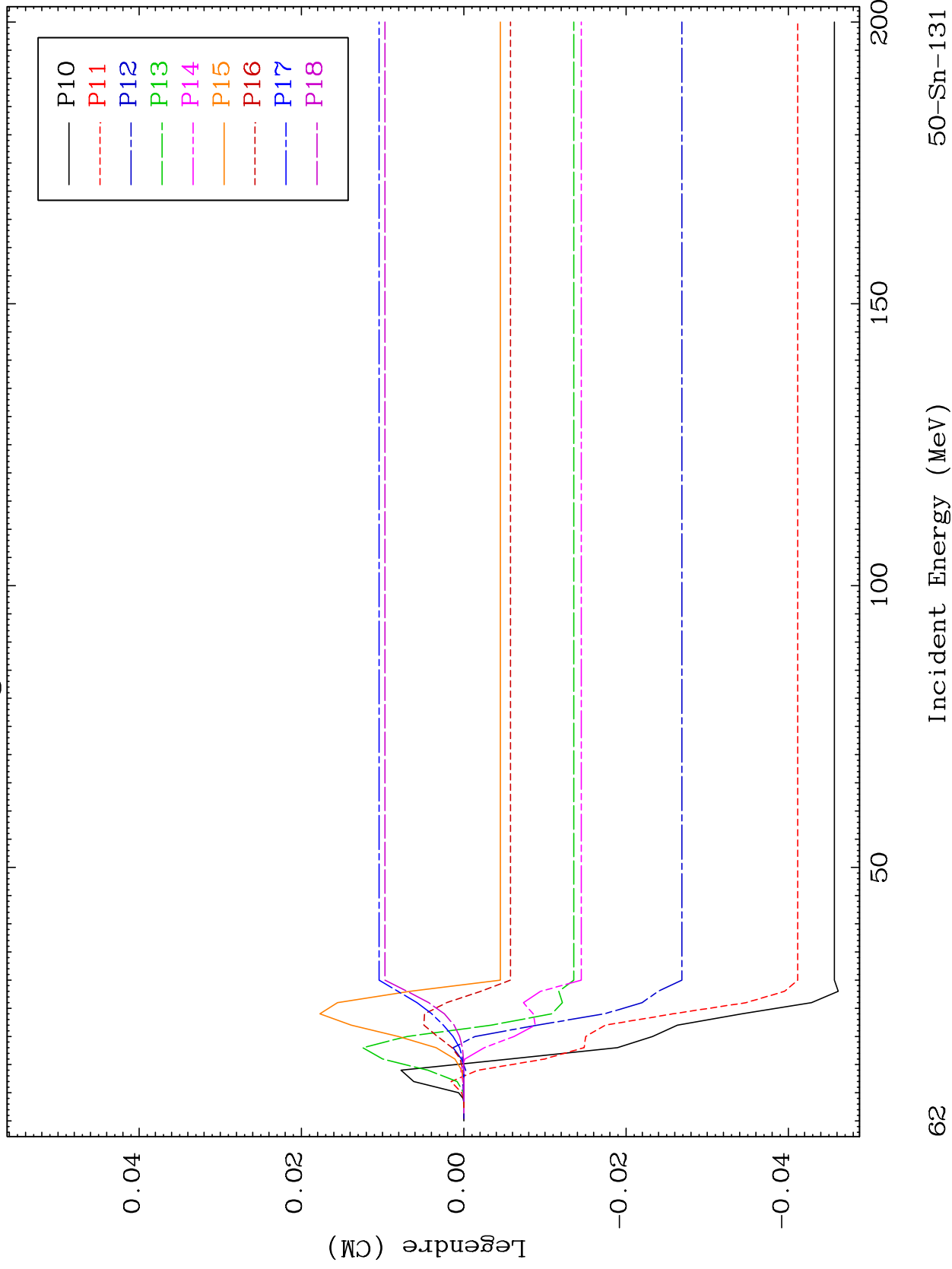




MAT 5082

4.576 MeV (n,n') Level
Legendre Coefficients

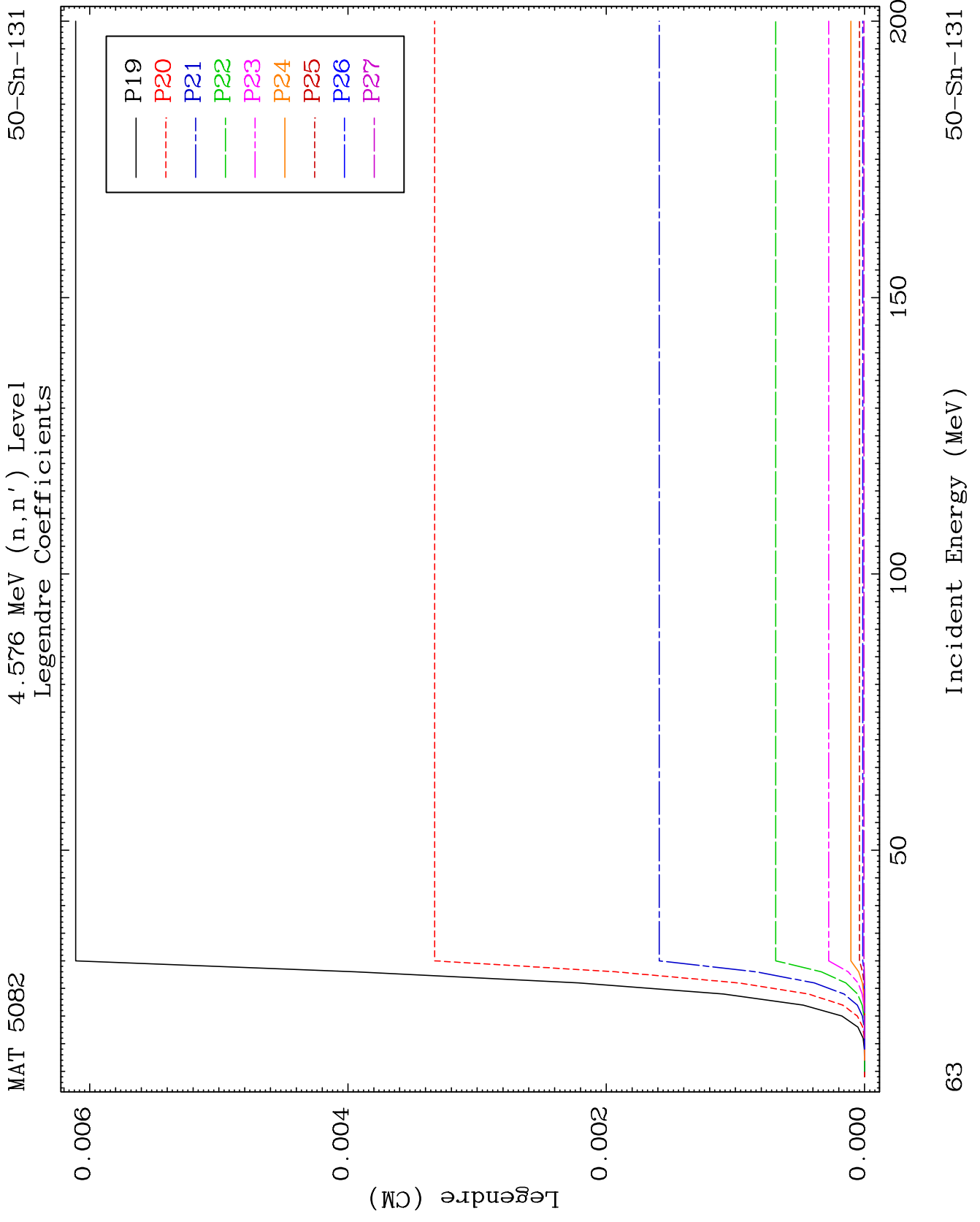
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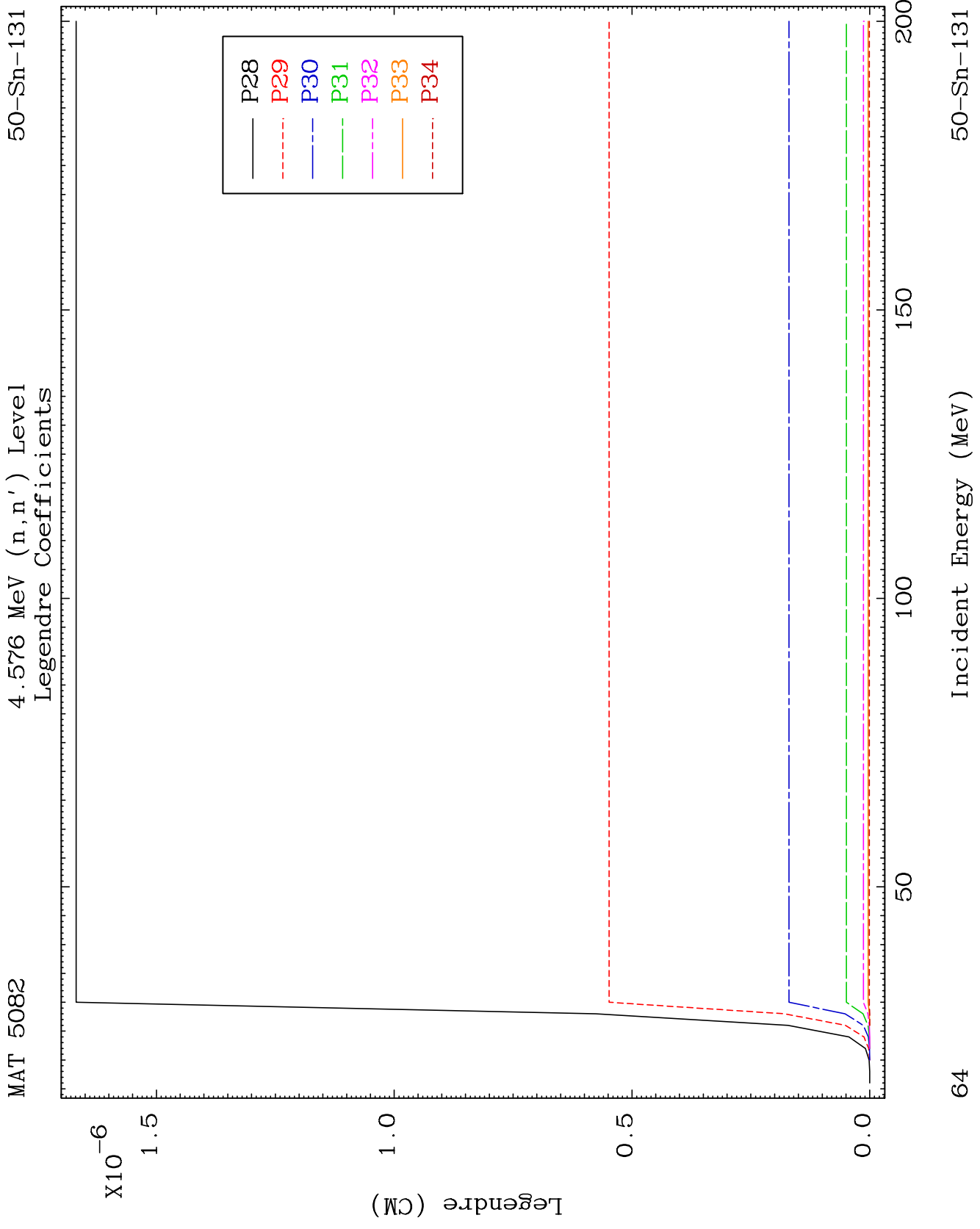


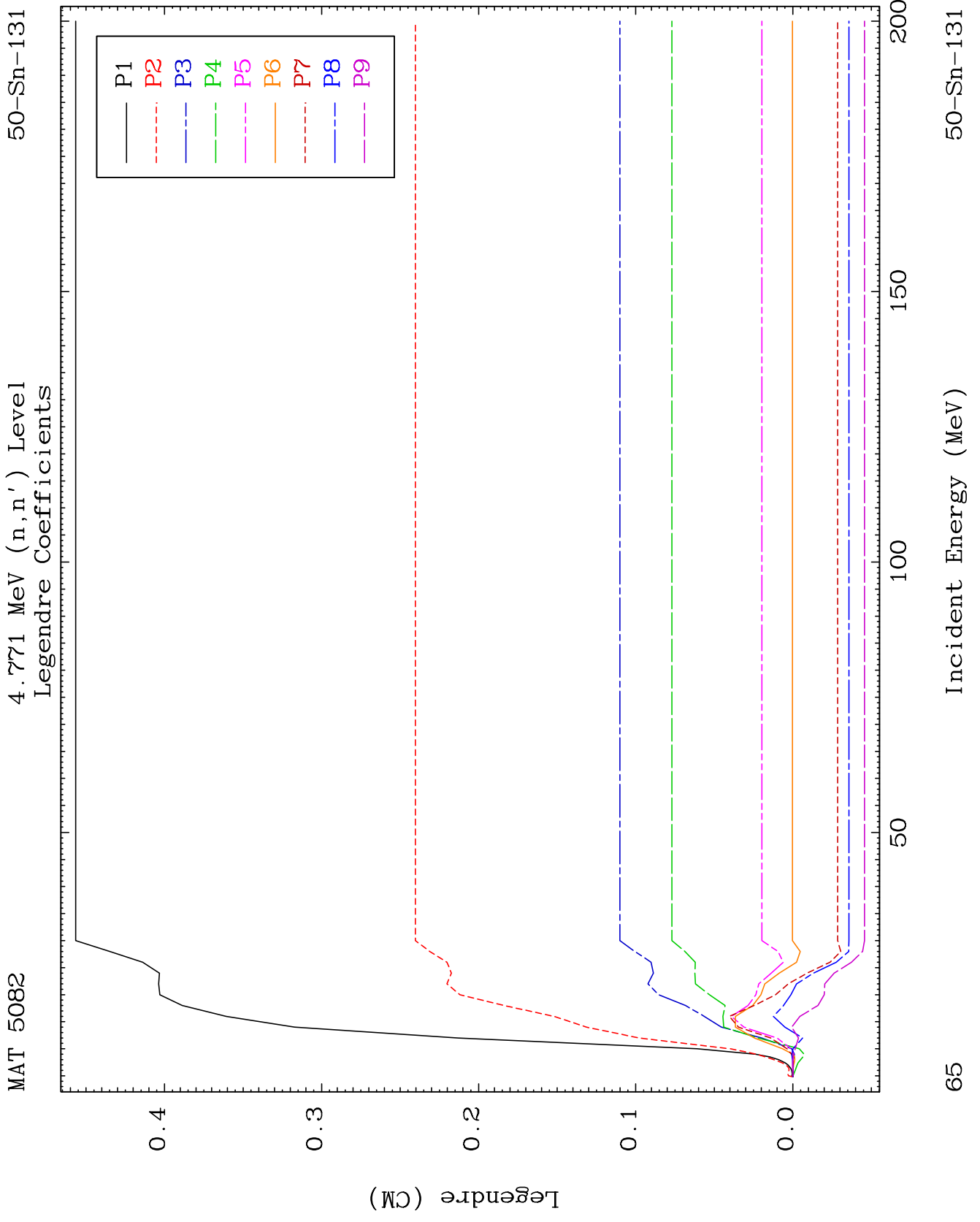
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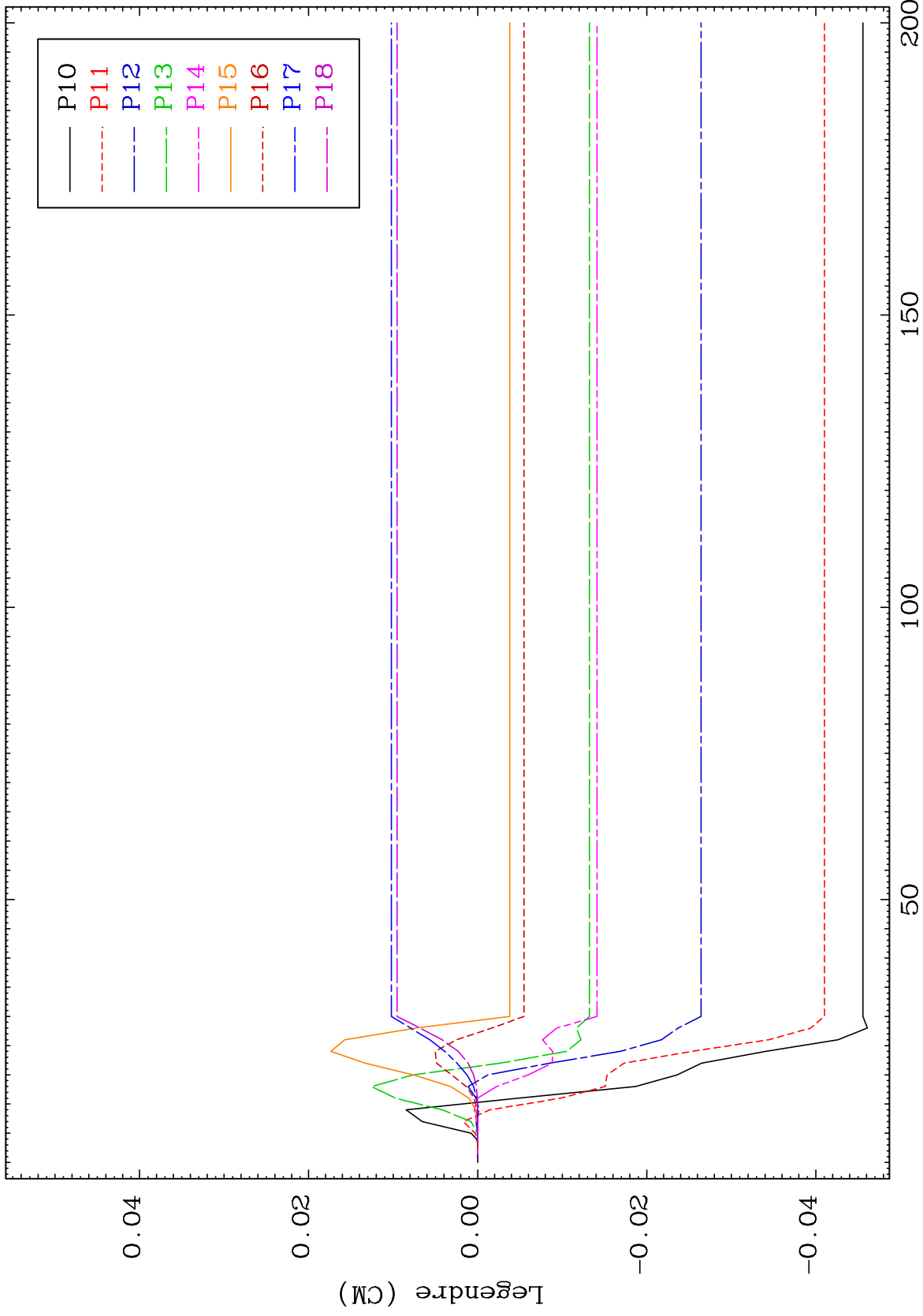
Incident Energy (MeV)

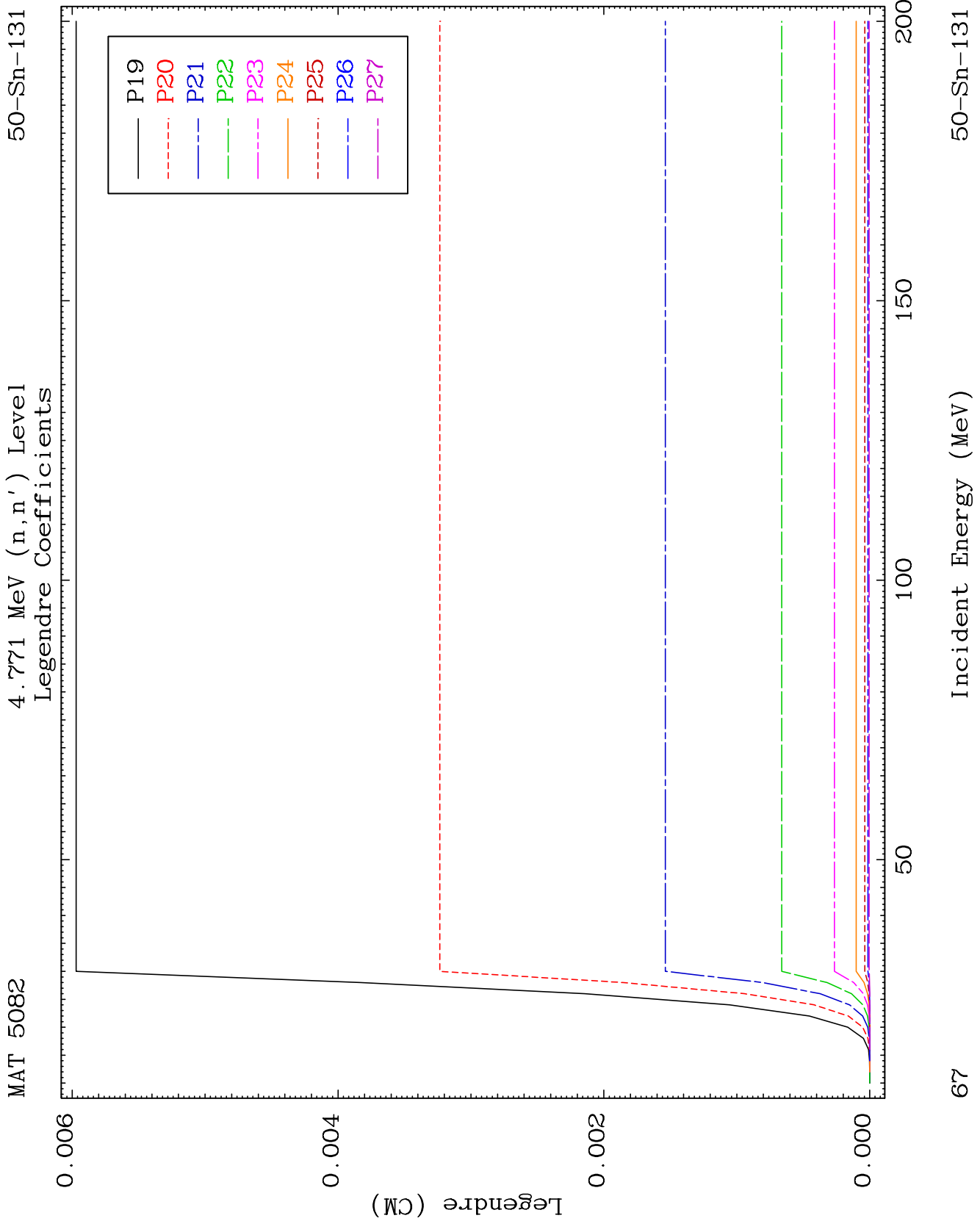
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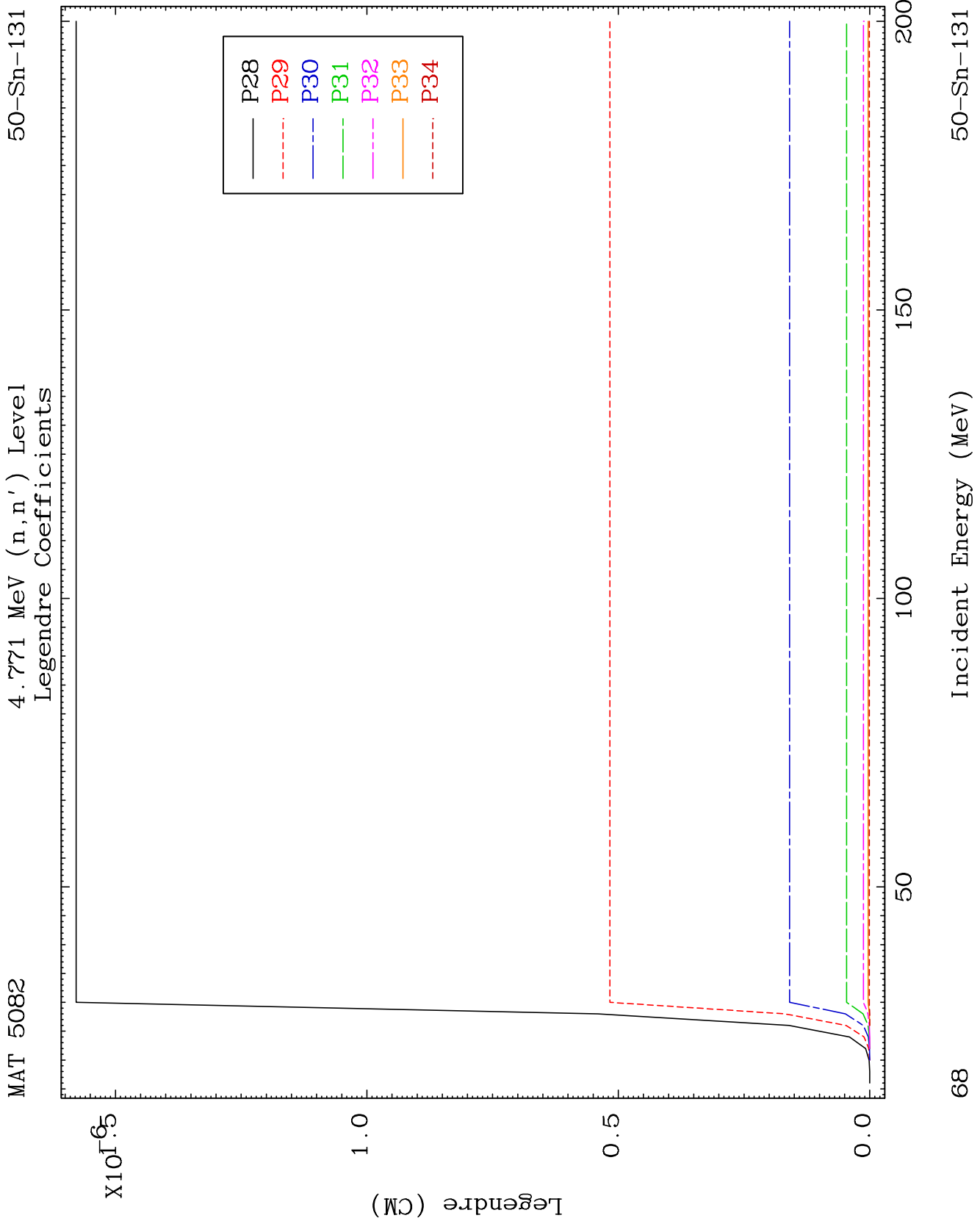


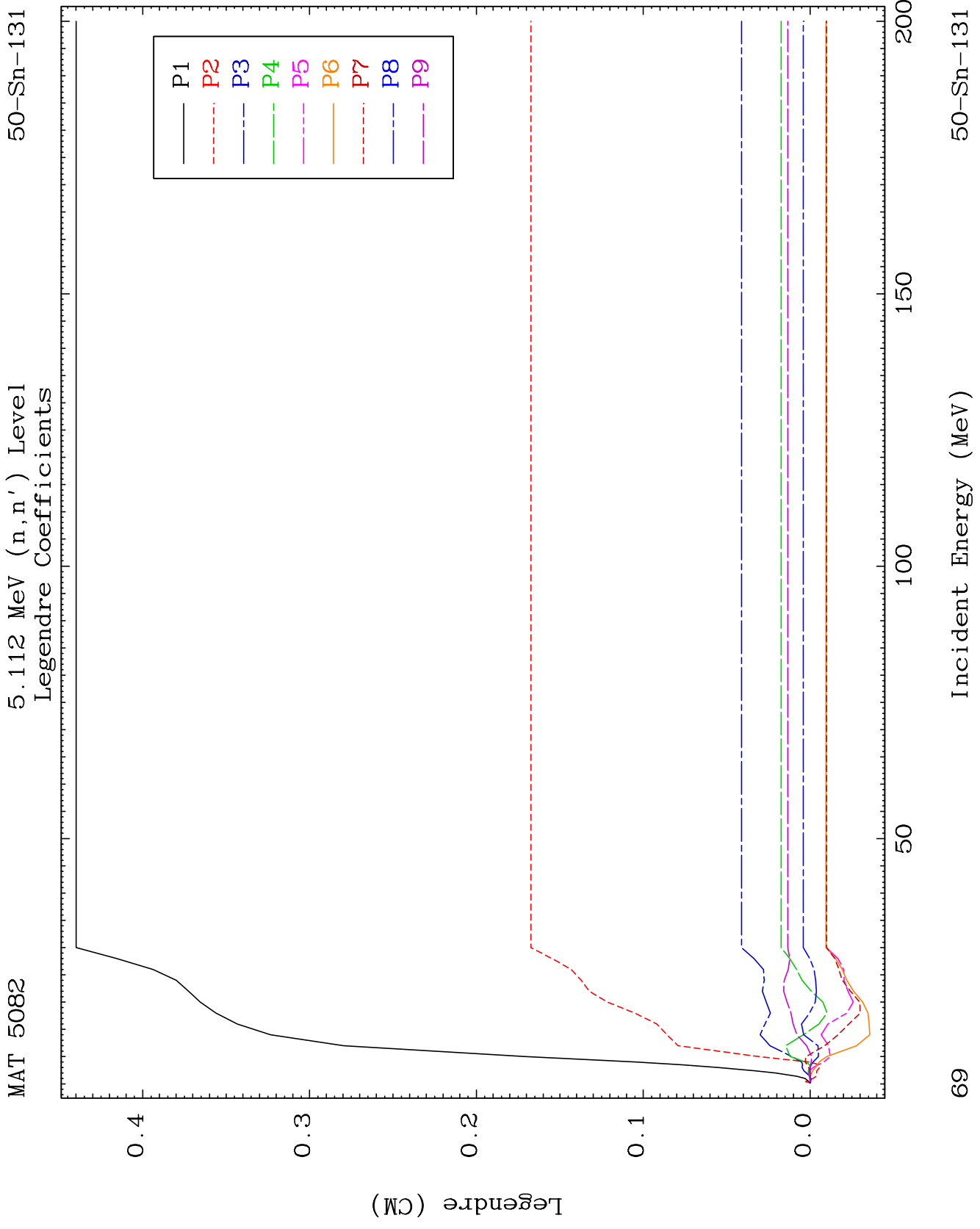








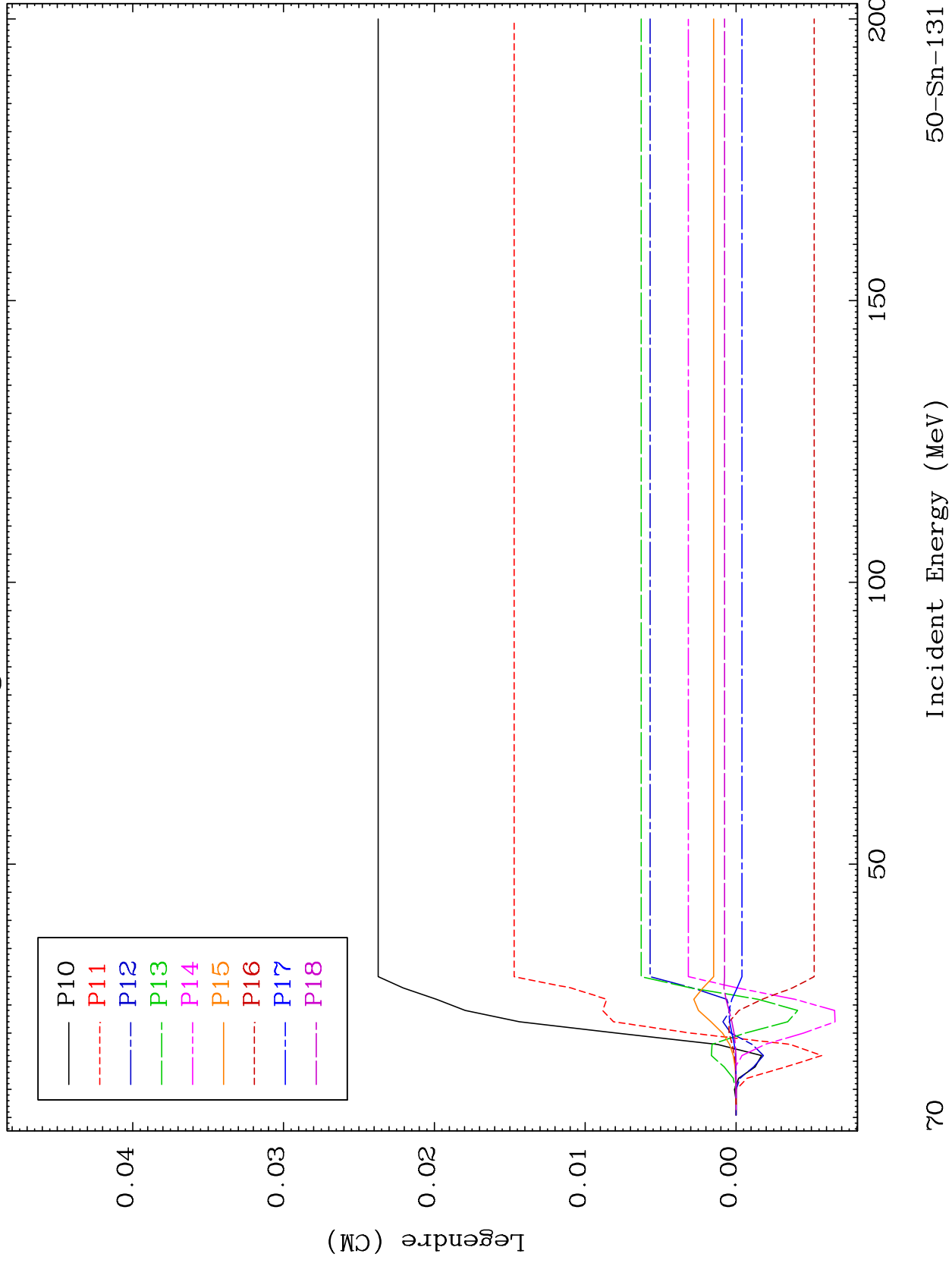




MAT 5082

5.112 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



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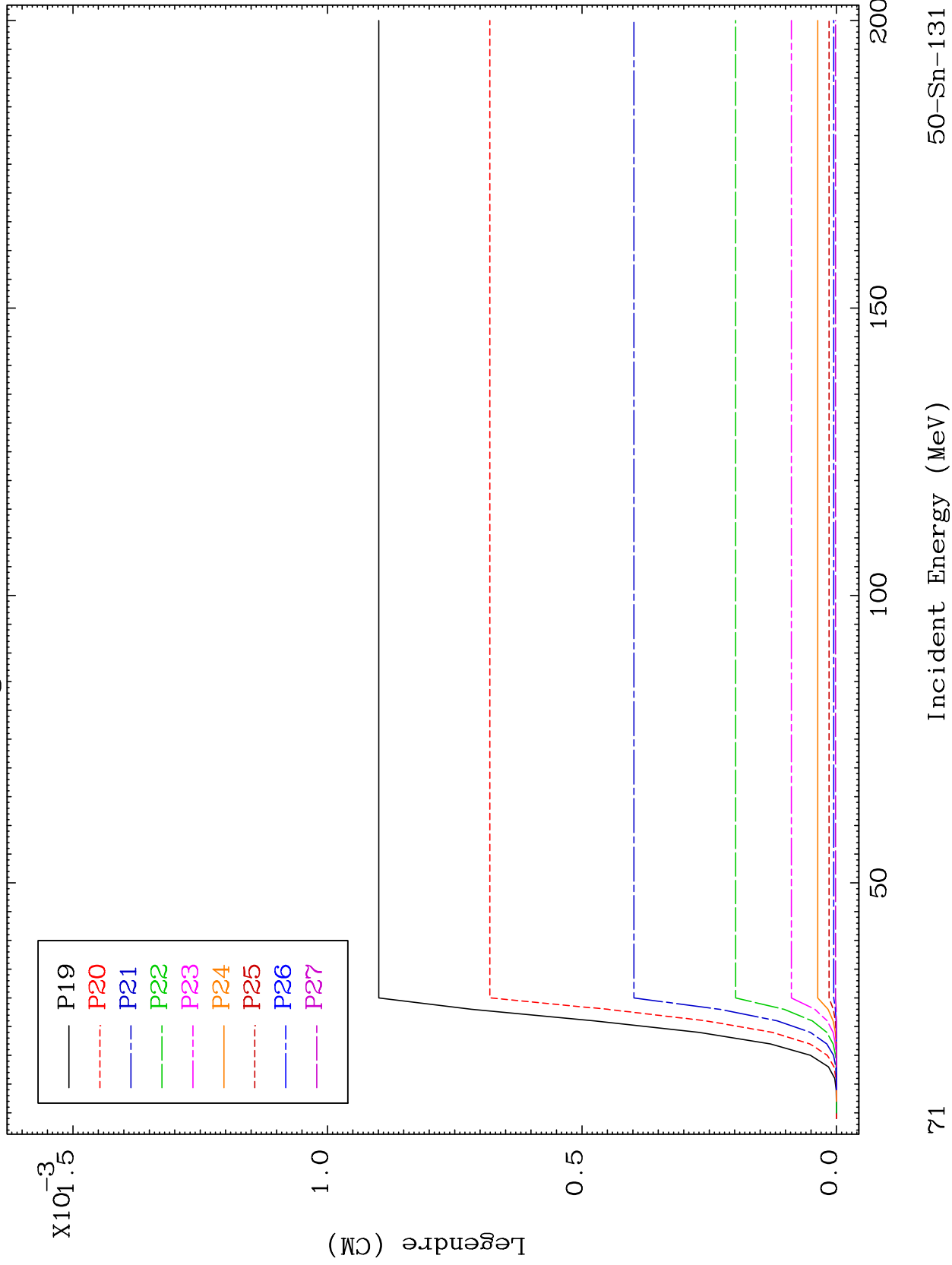
Incident Energy (MeV)

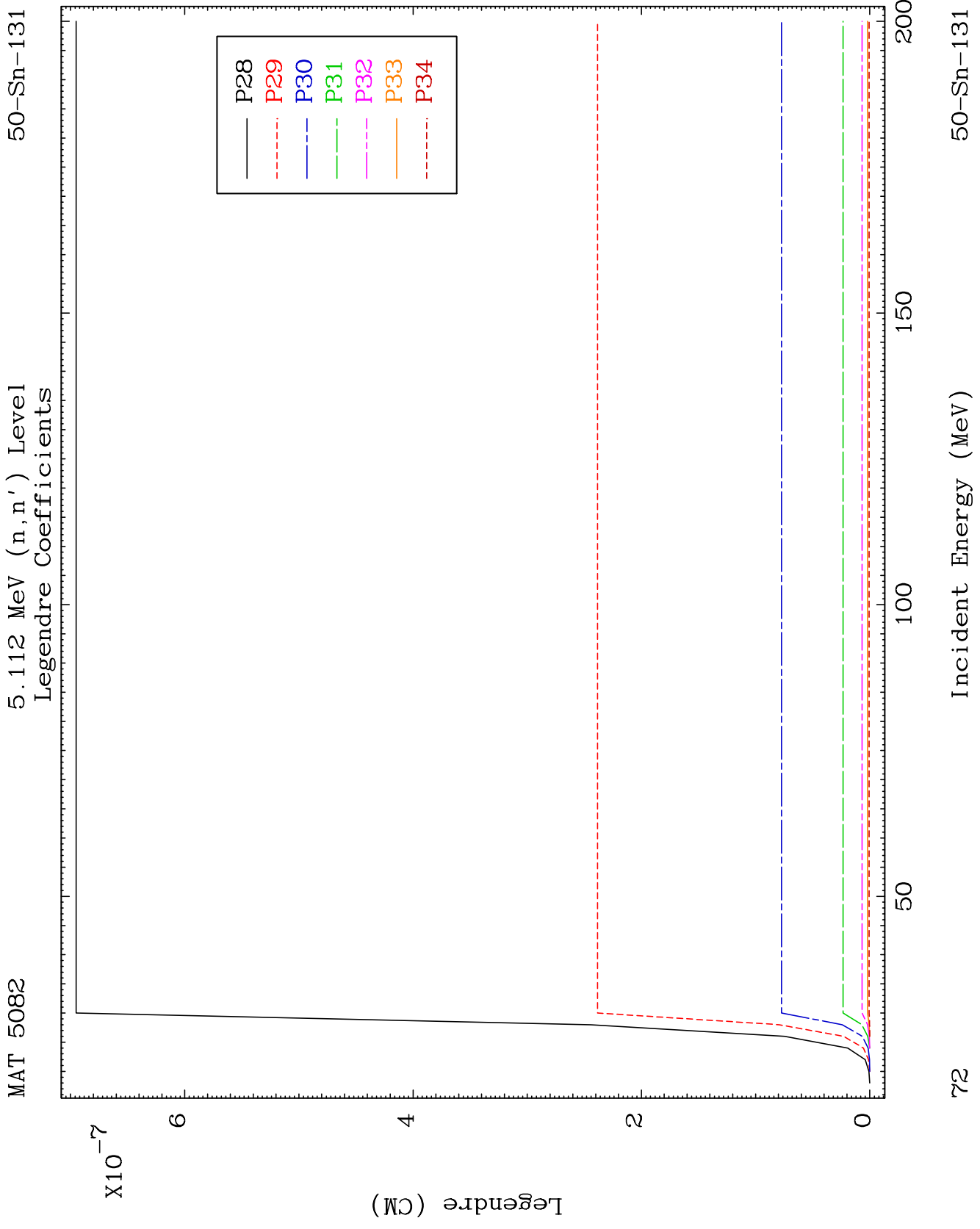
50-Sn-131

MAT 5082

5.112 MeV (n, n') Level
Legendre Coefficients

50-Sn-131

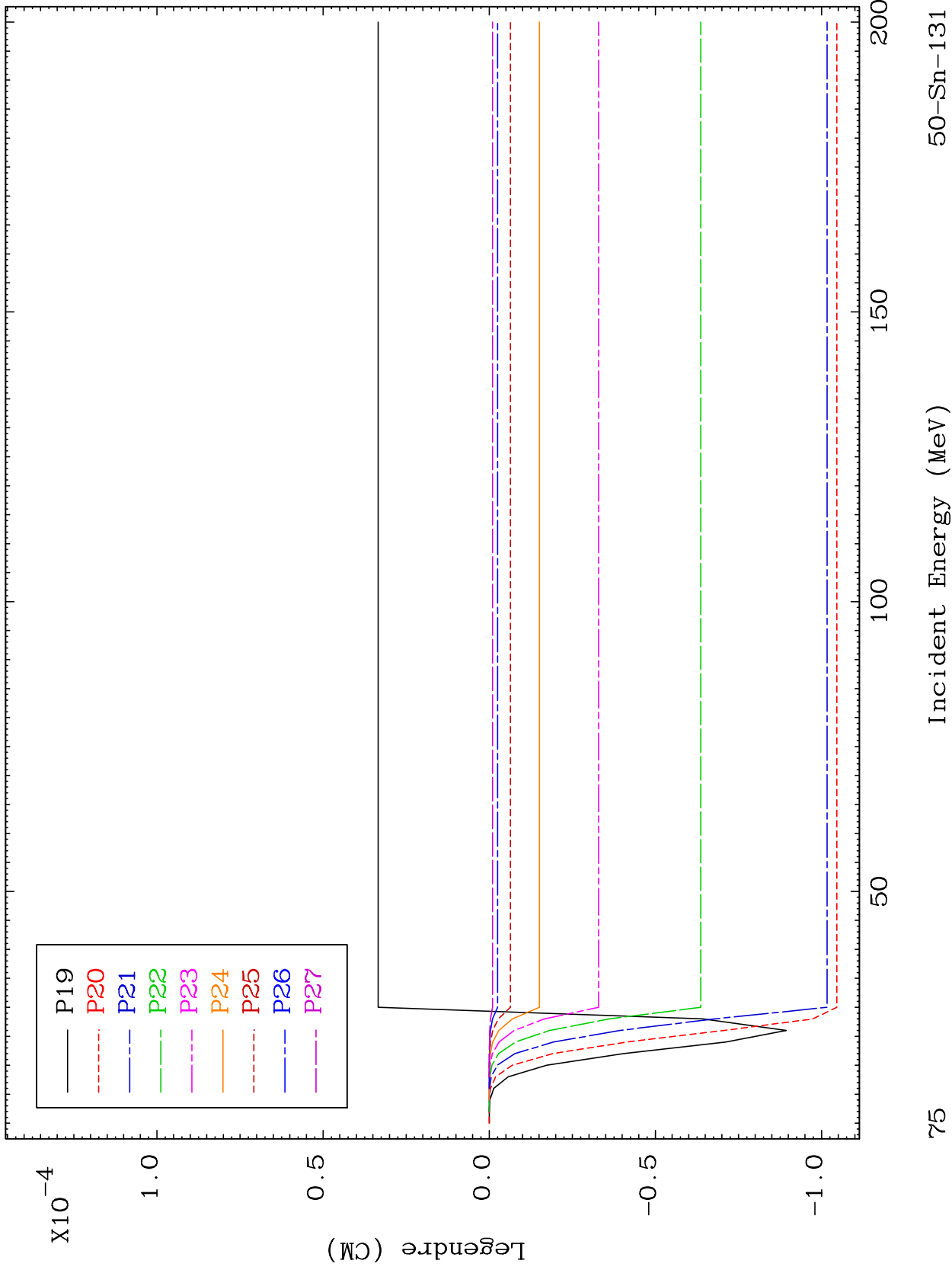


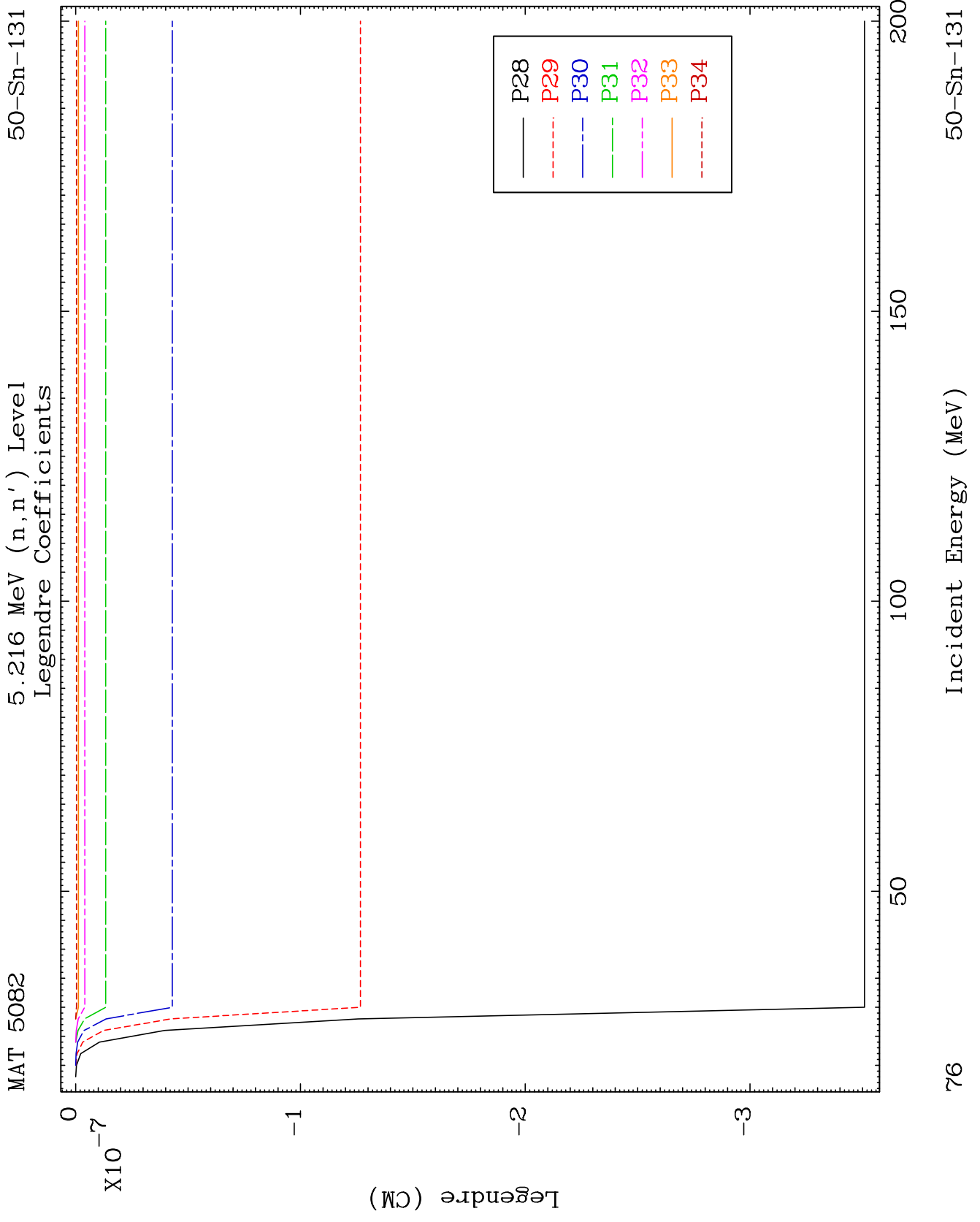


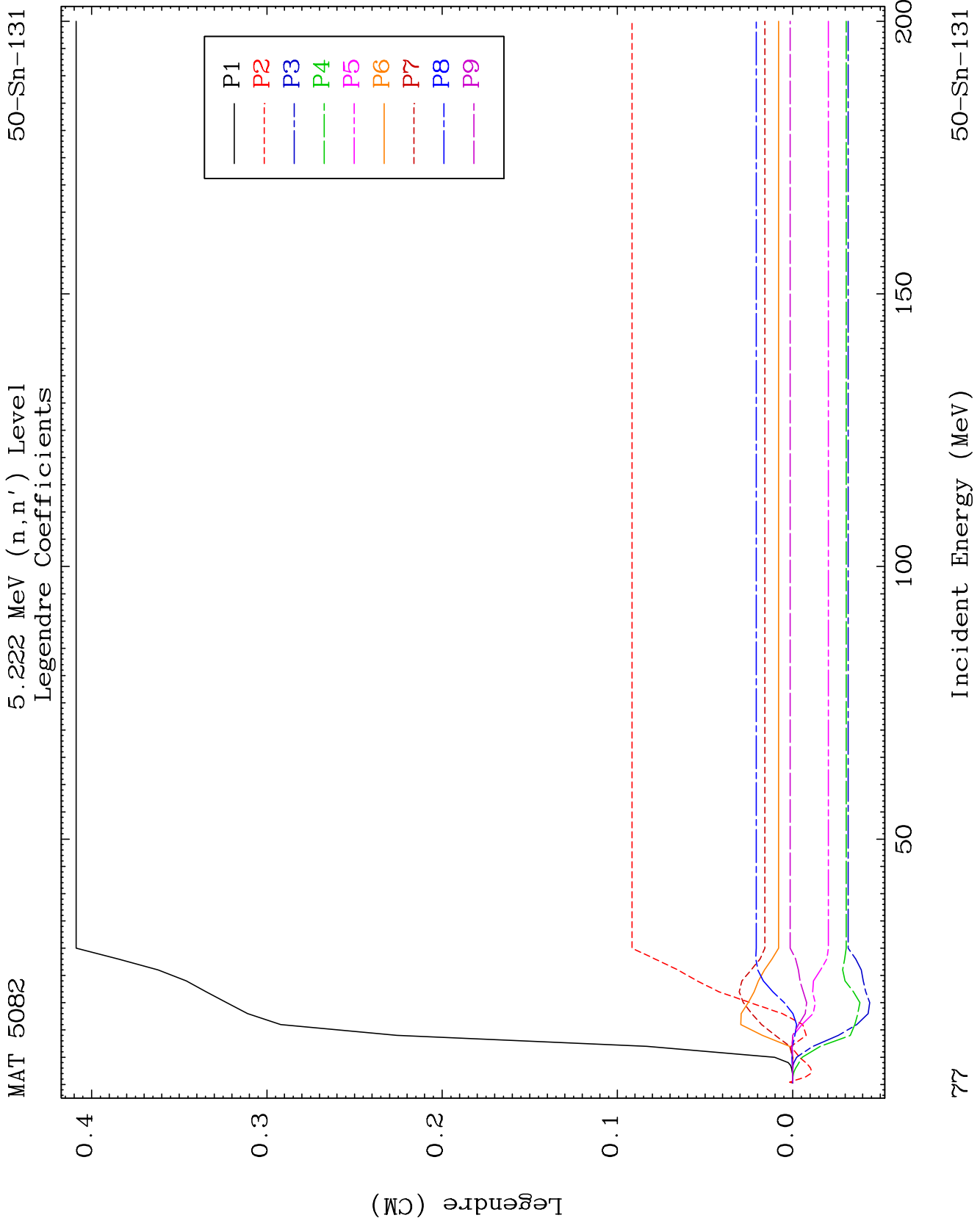
MAT 5082

5.216 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



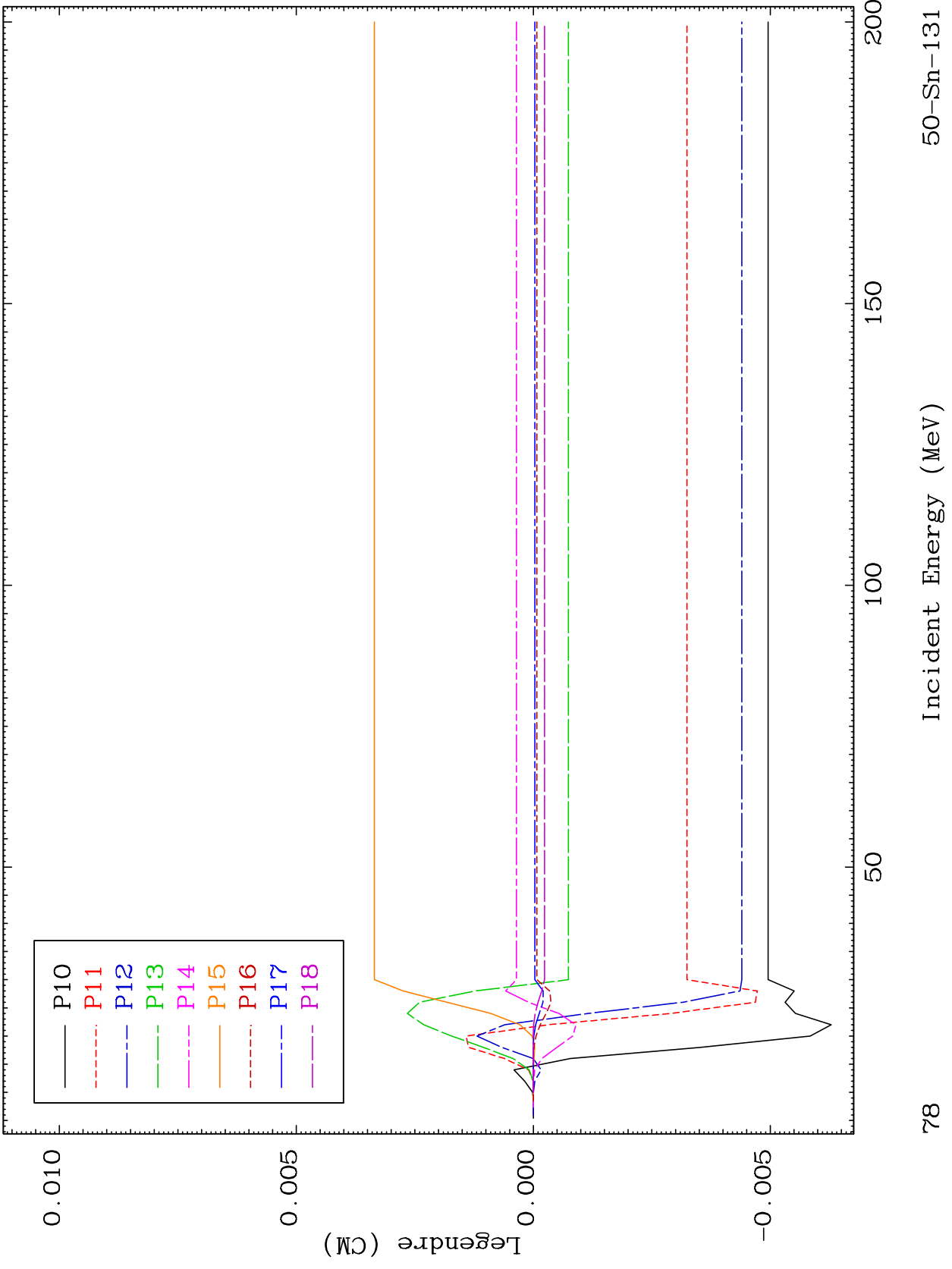




MAT 5082

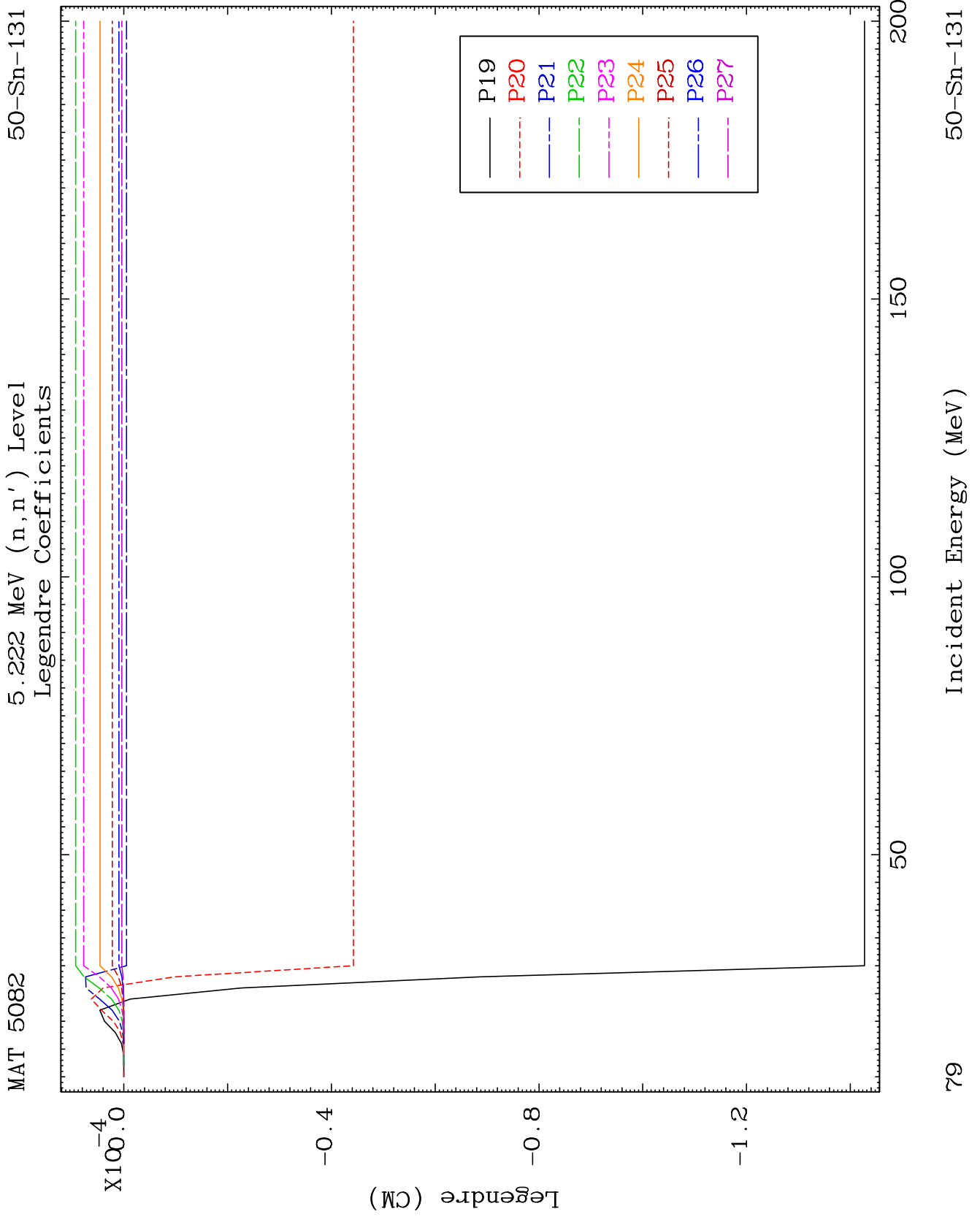
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Legendre Coefficients

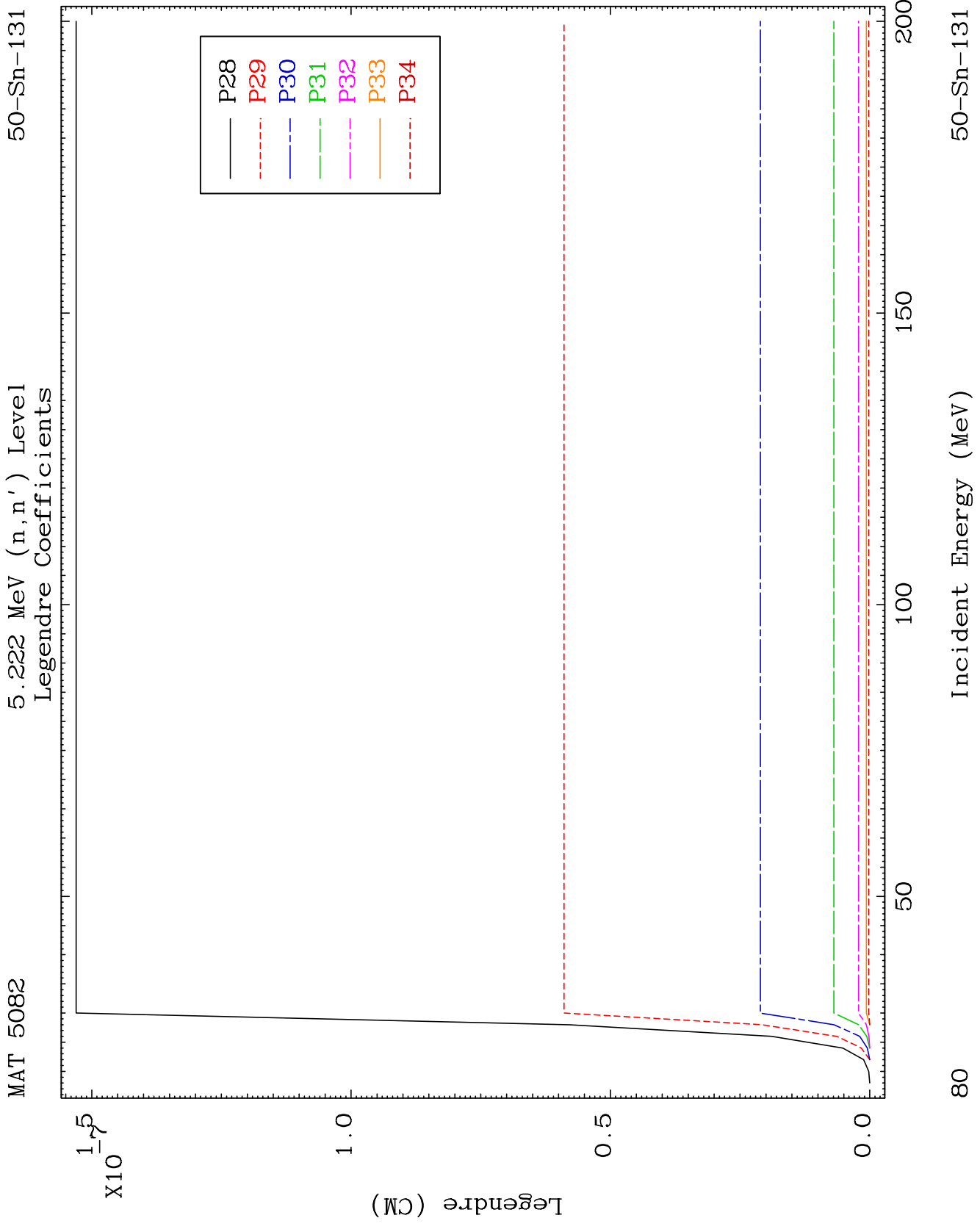
50-Sn-131



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50-Sn-131

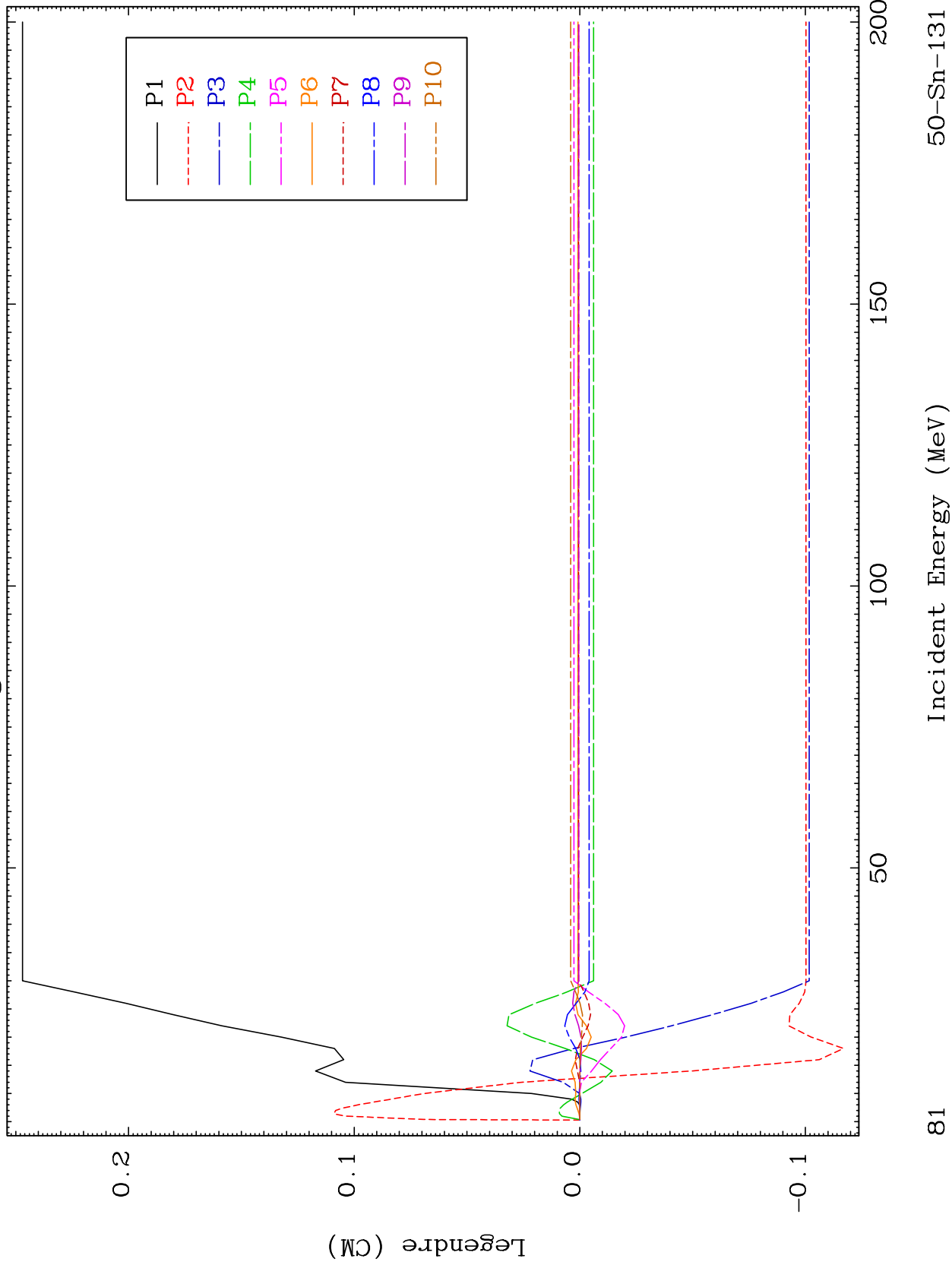




MAT 5082

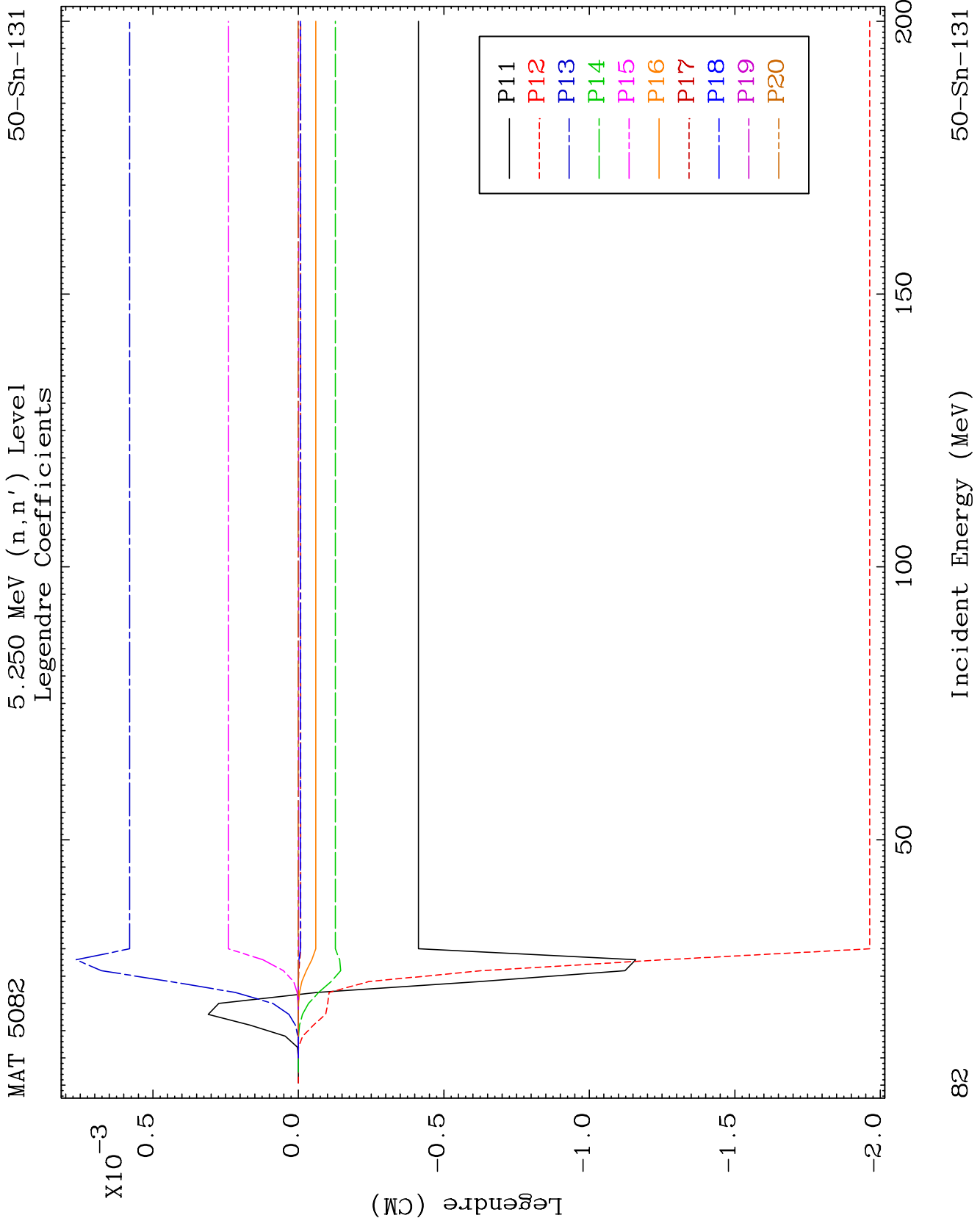
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Legendre Coefficients

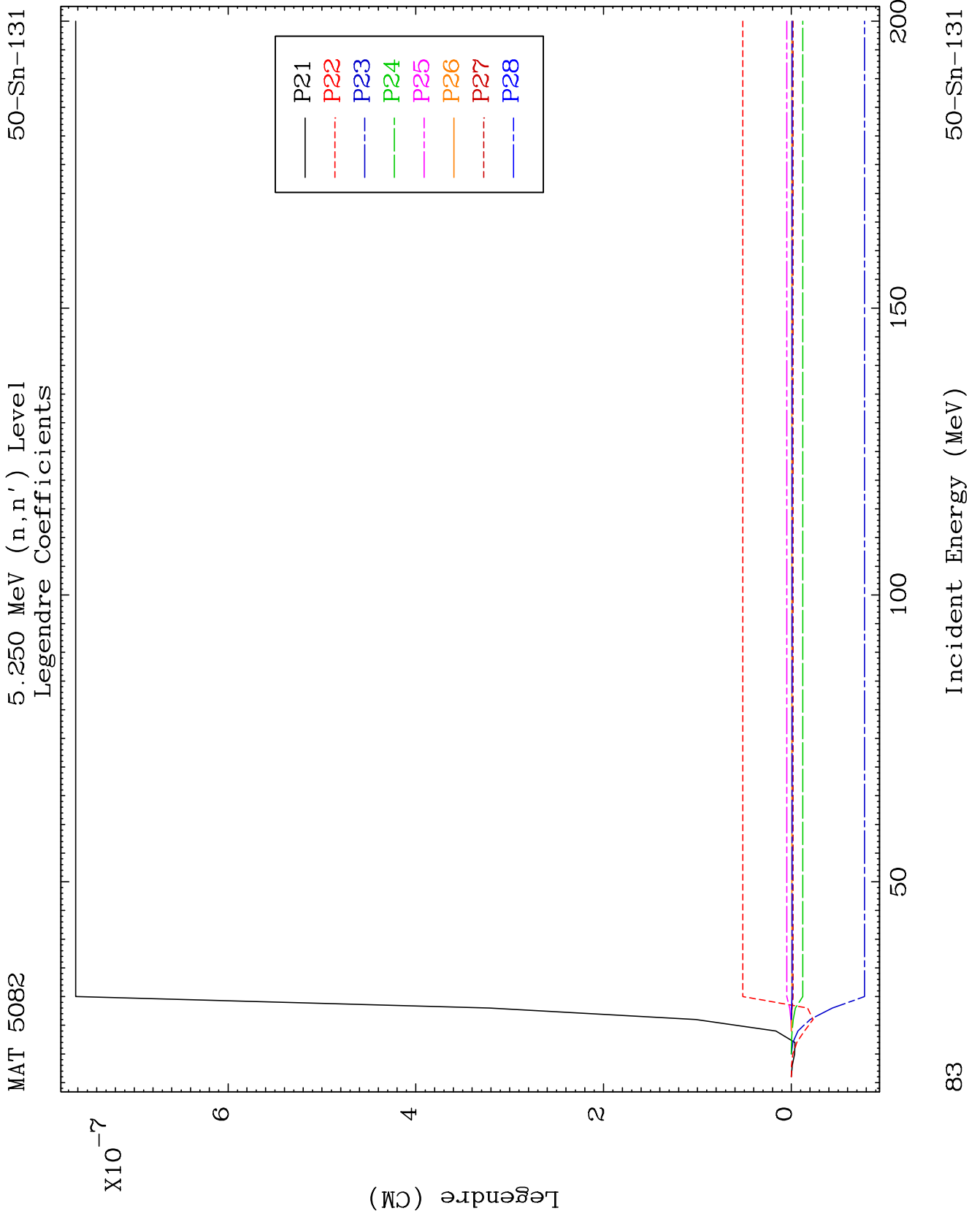
50-Sn-131

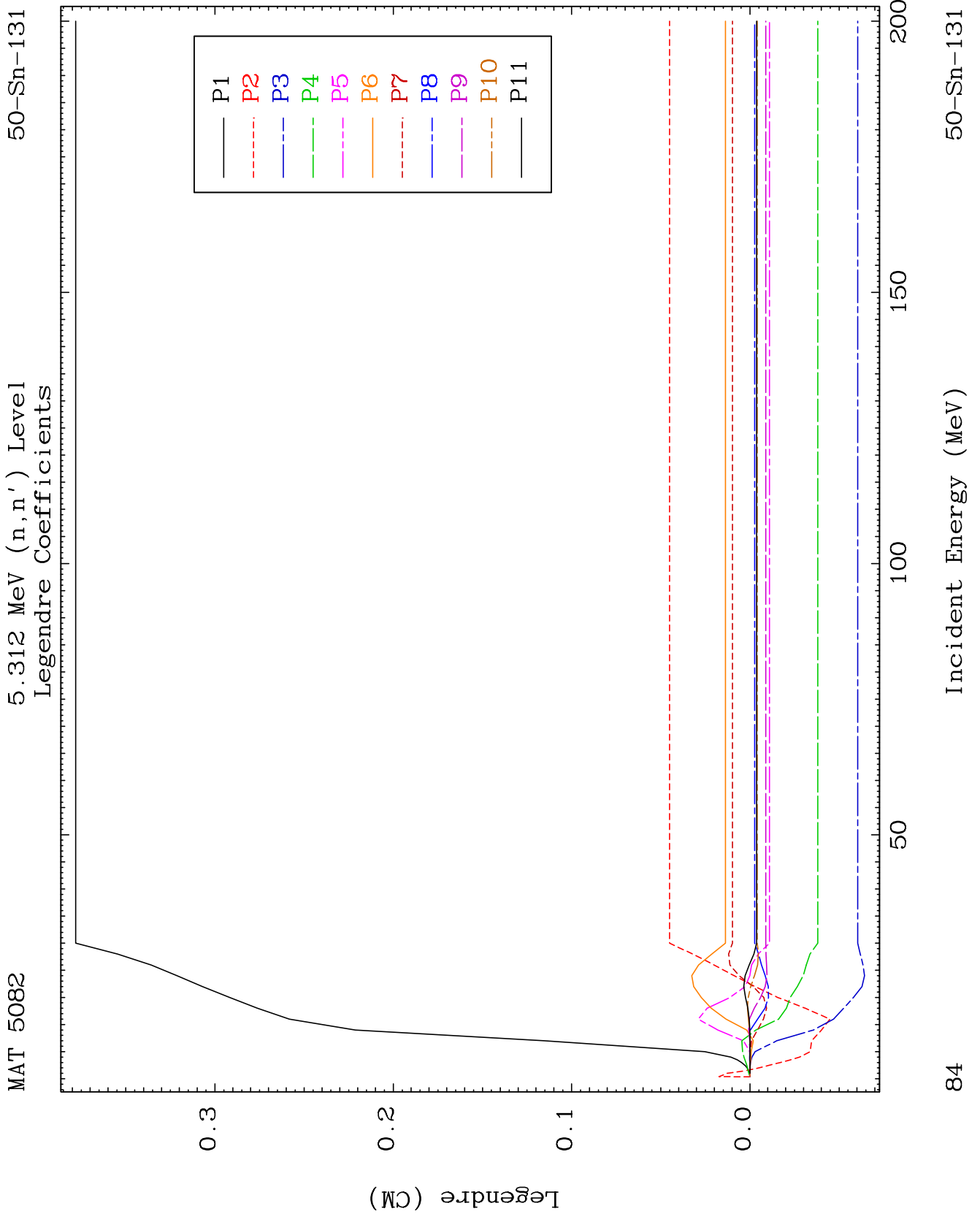


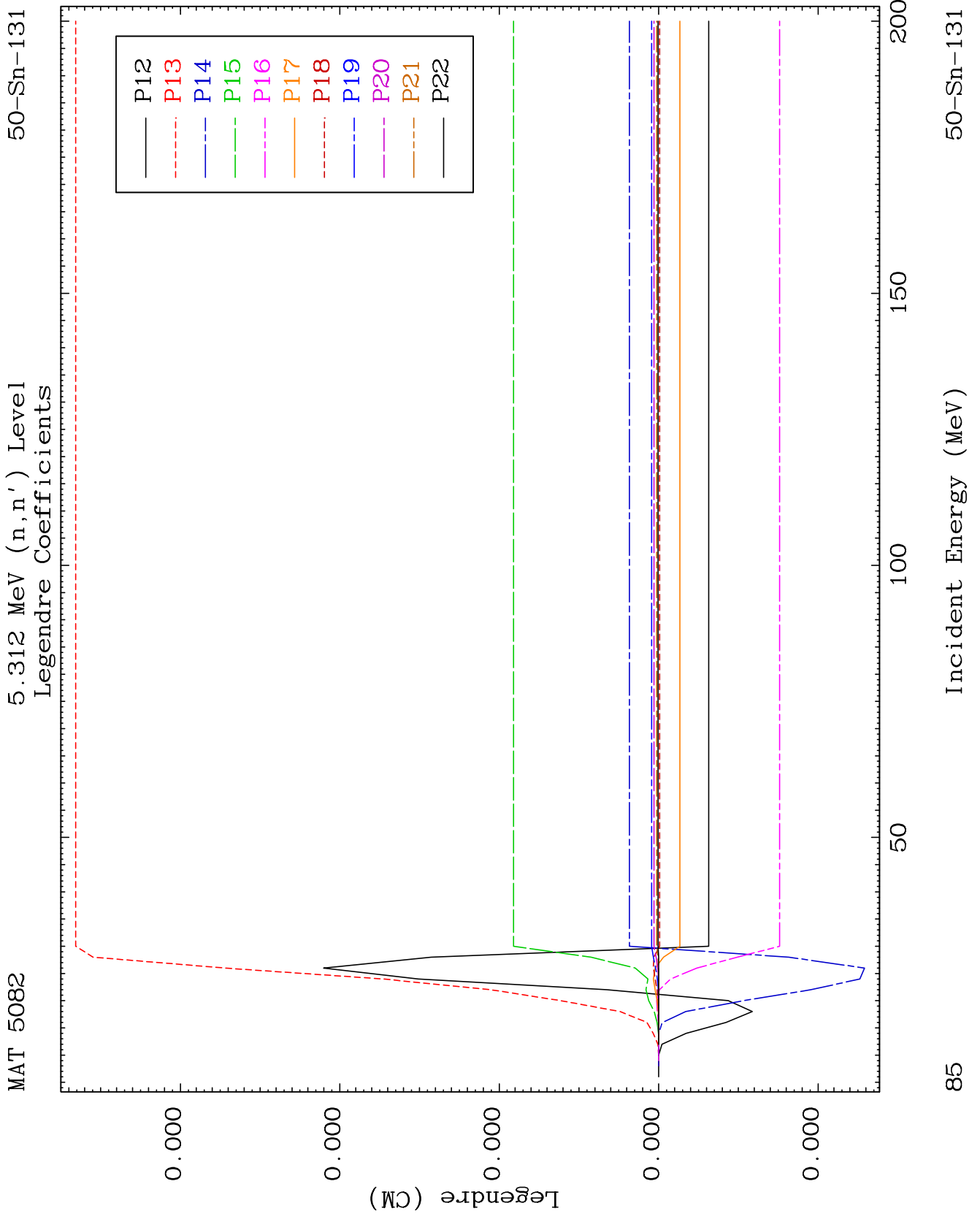
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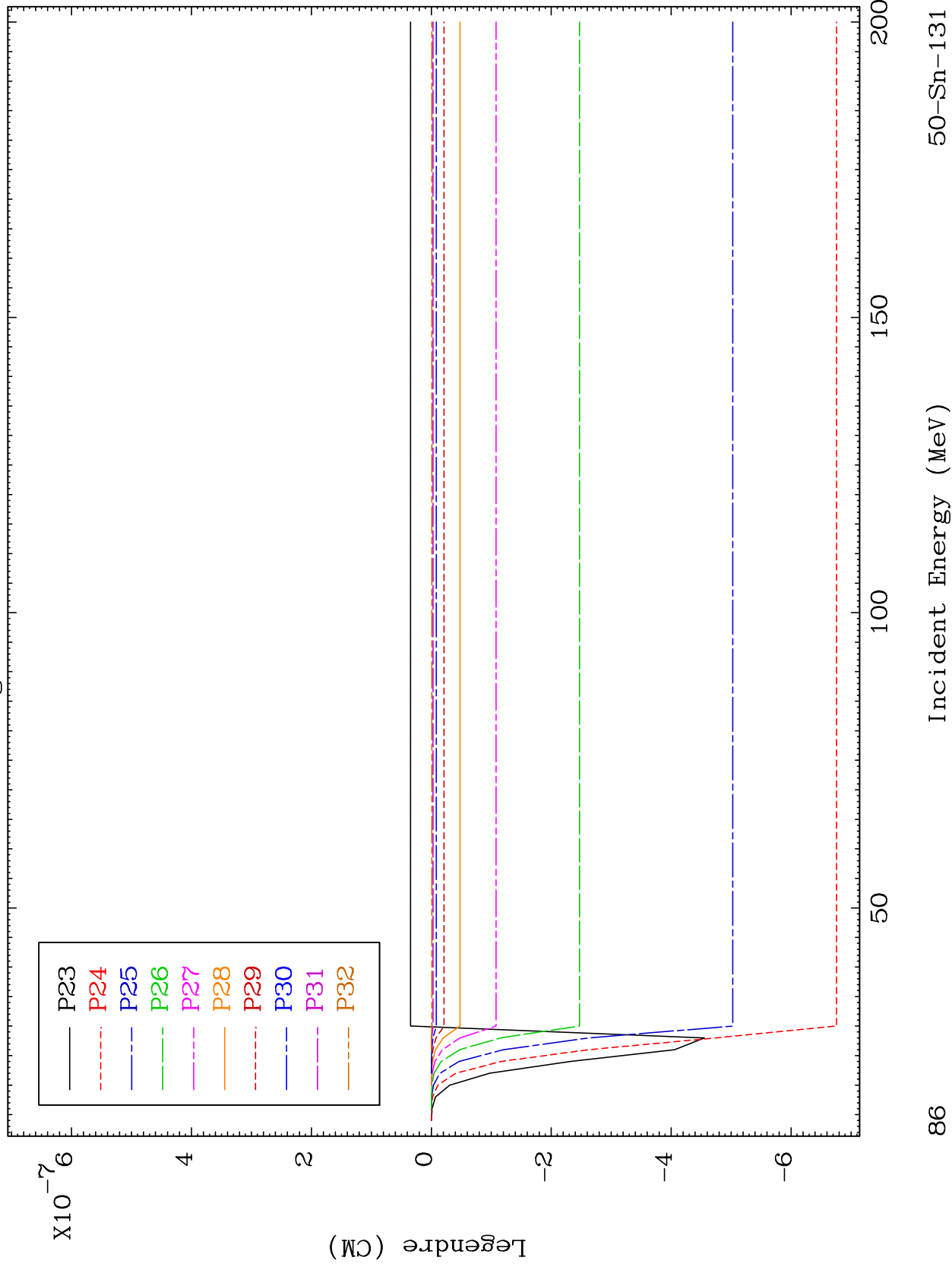
50-Sn-131

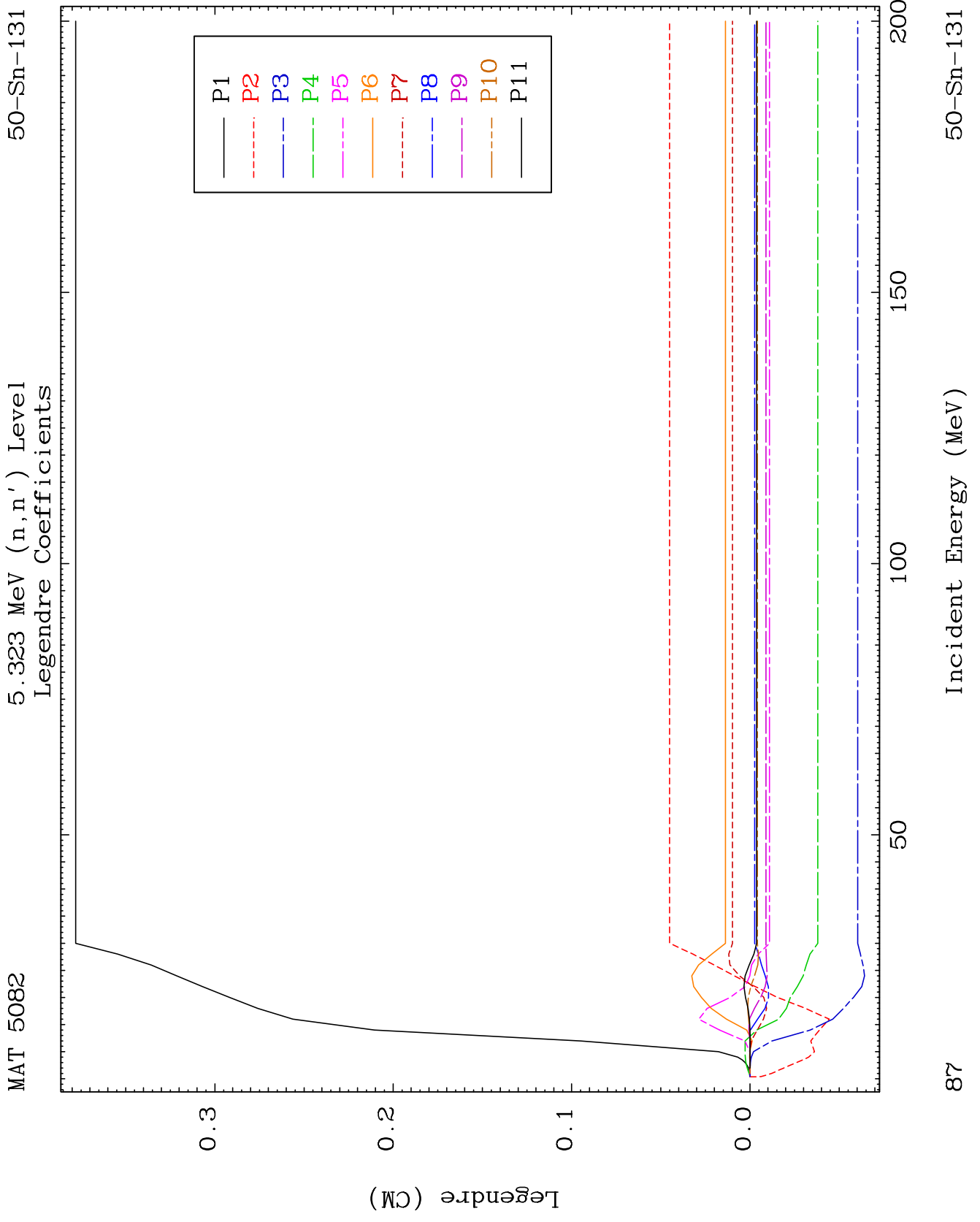


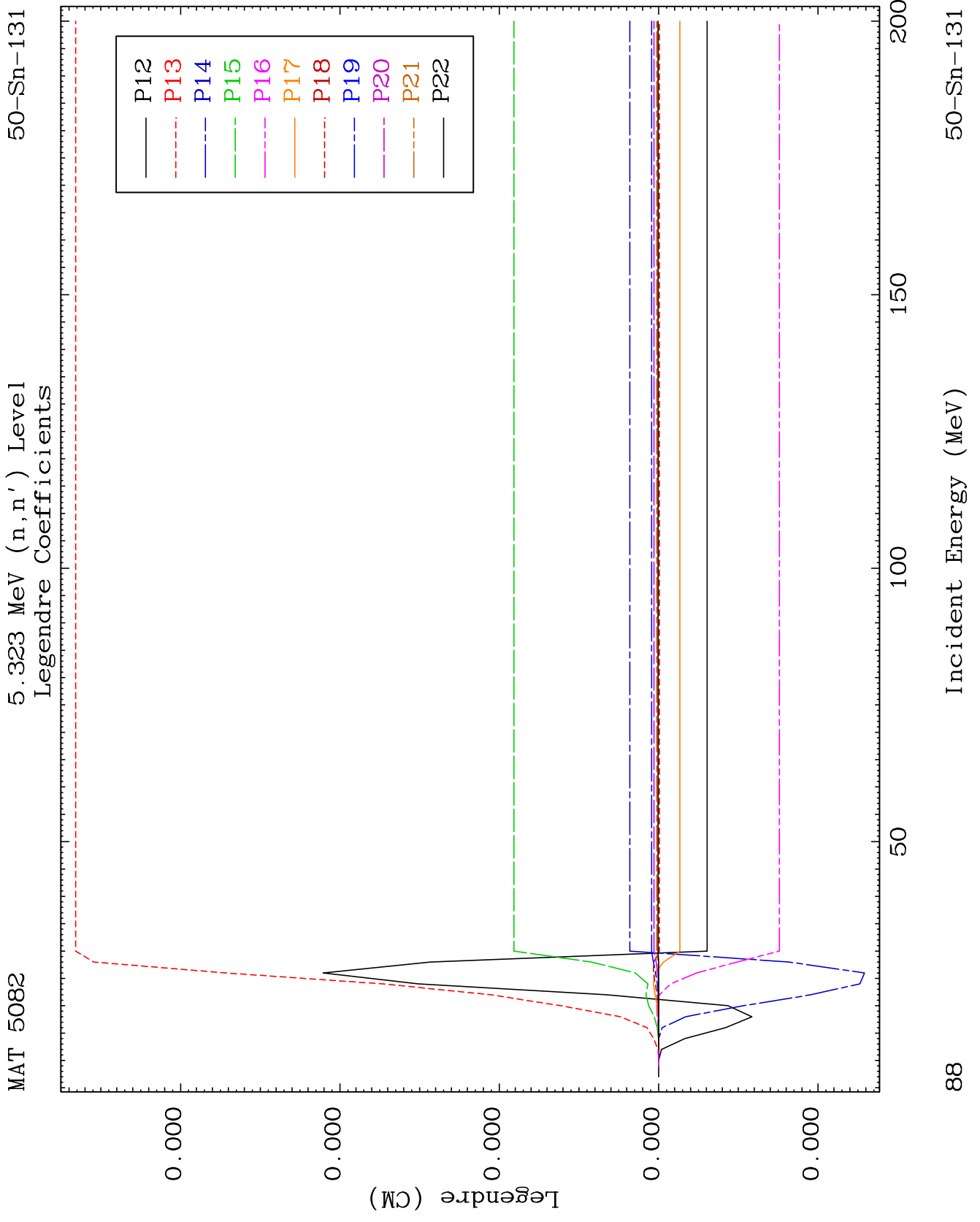


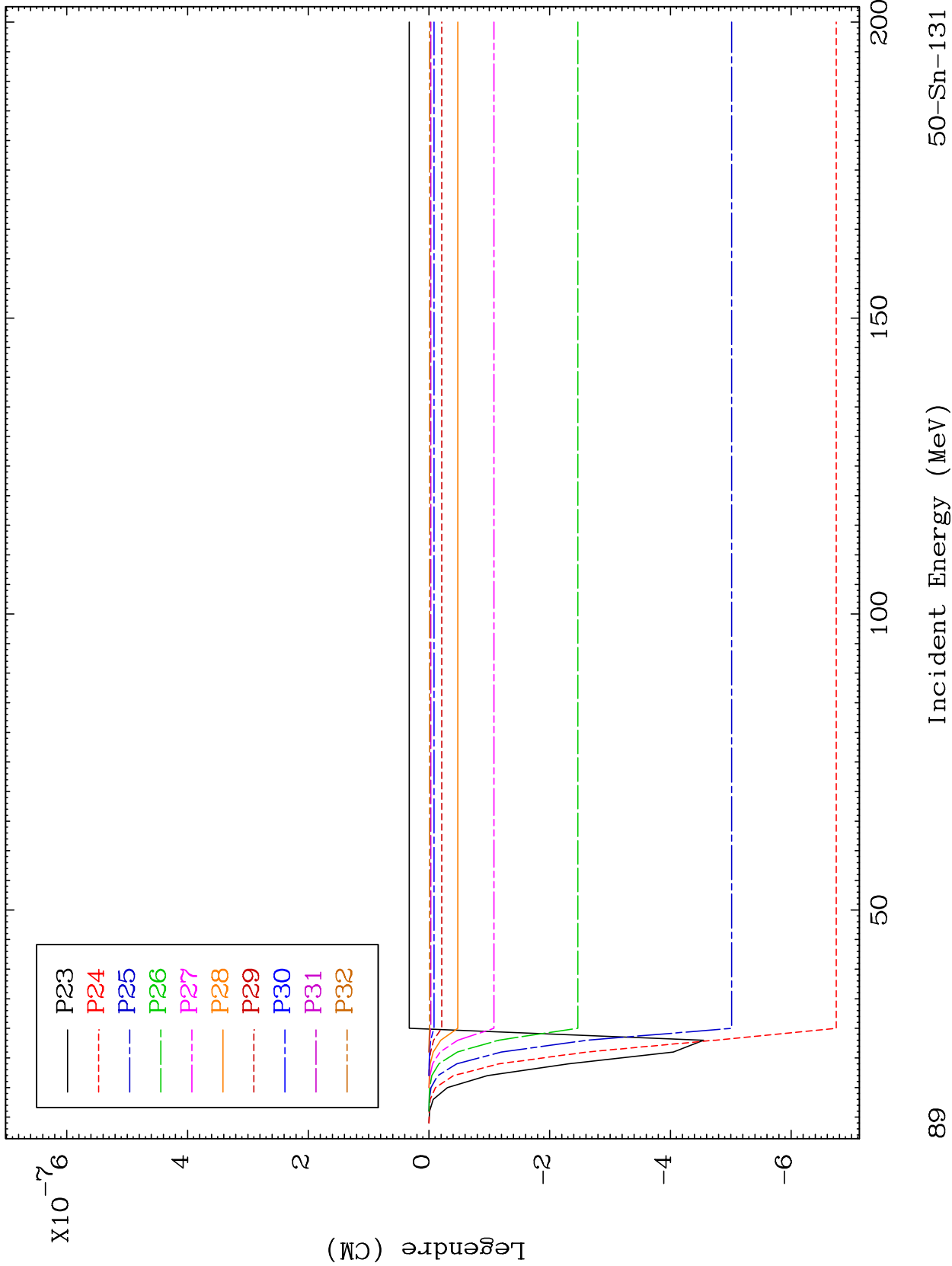


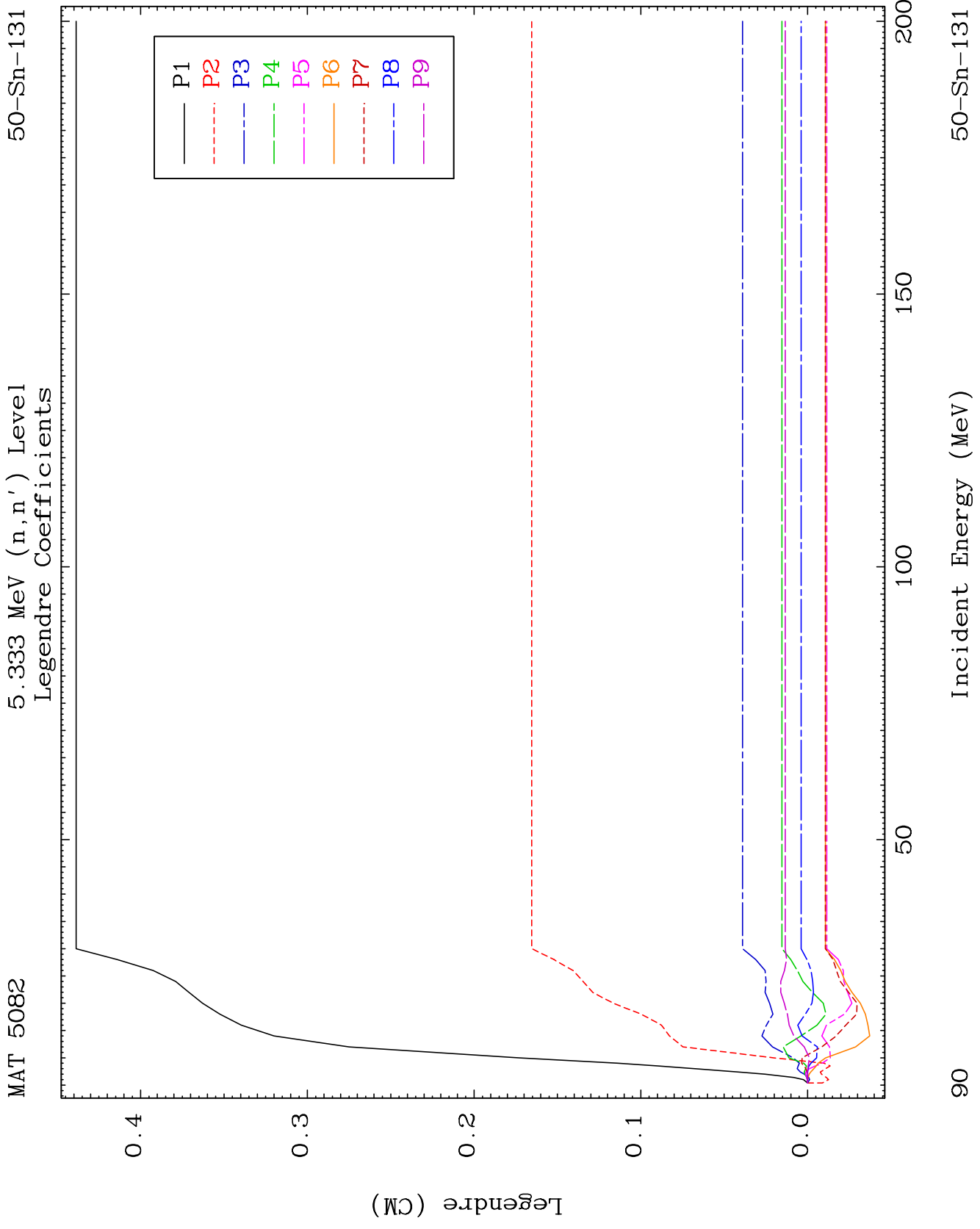


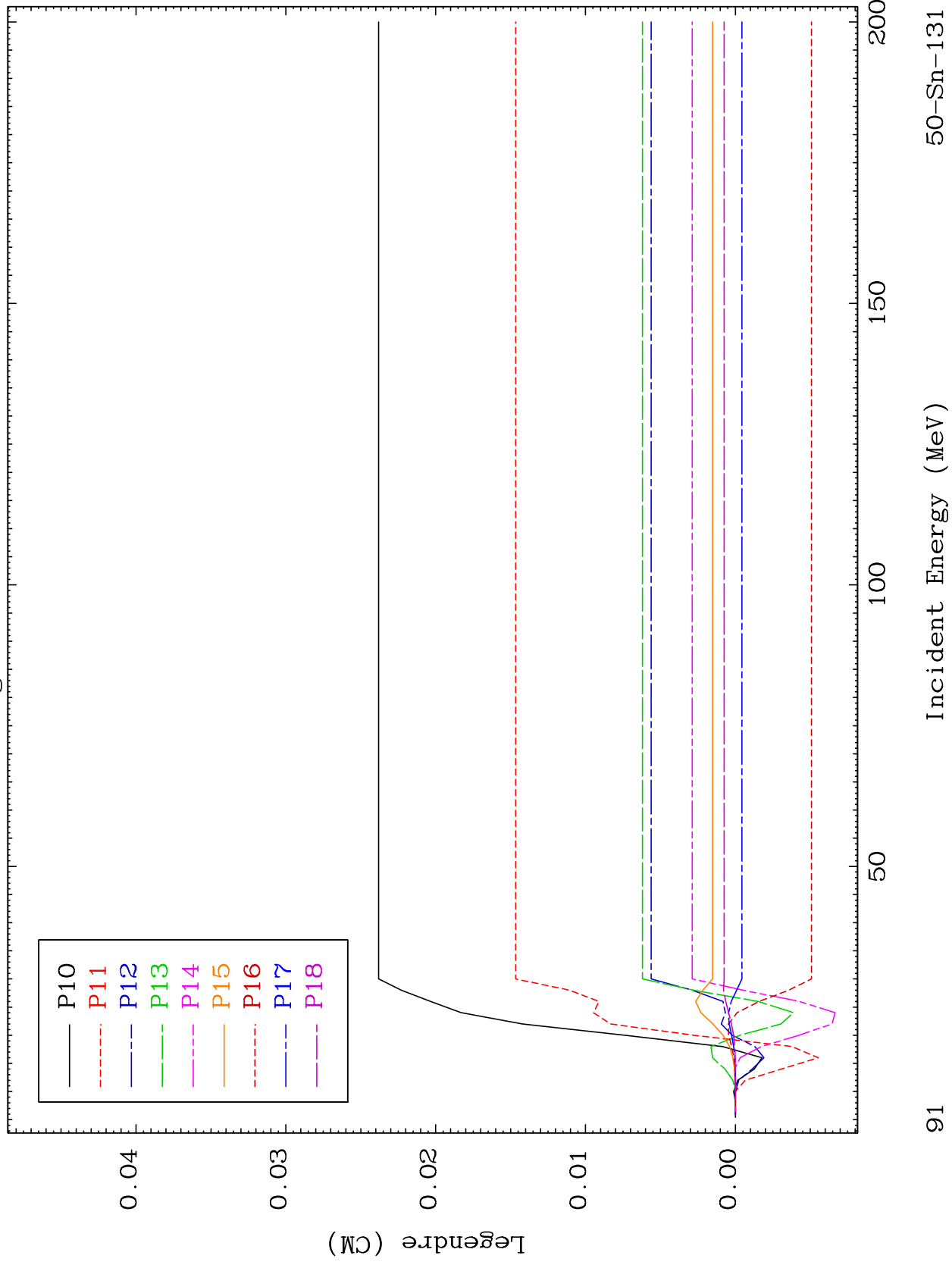








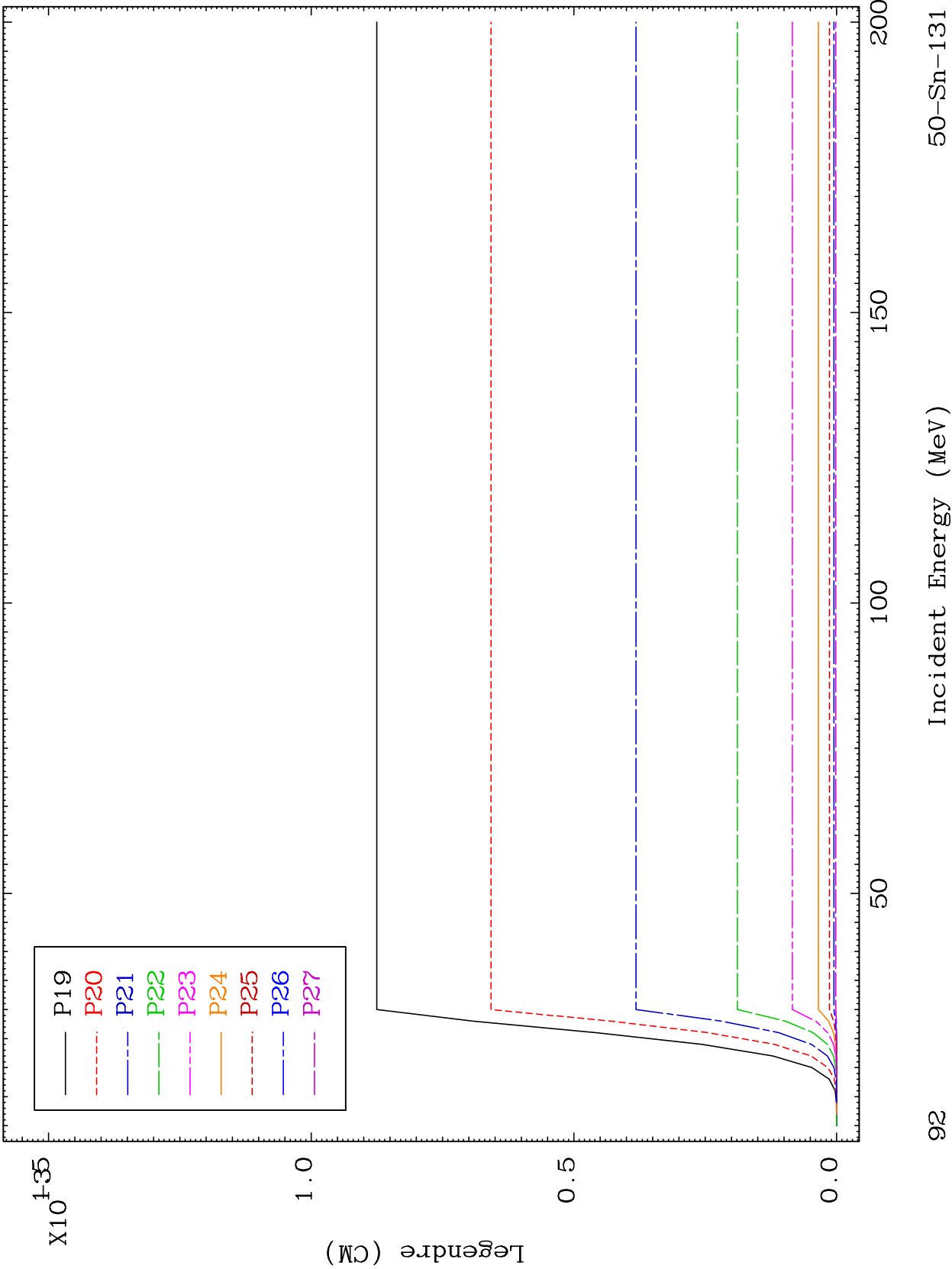




MAT 5082

5.333 MeV (n,n') Level
Legendre Coefficients

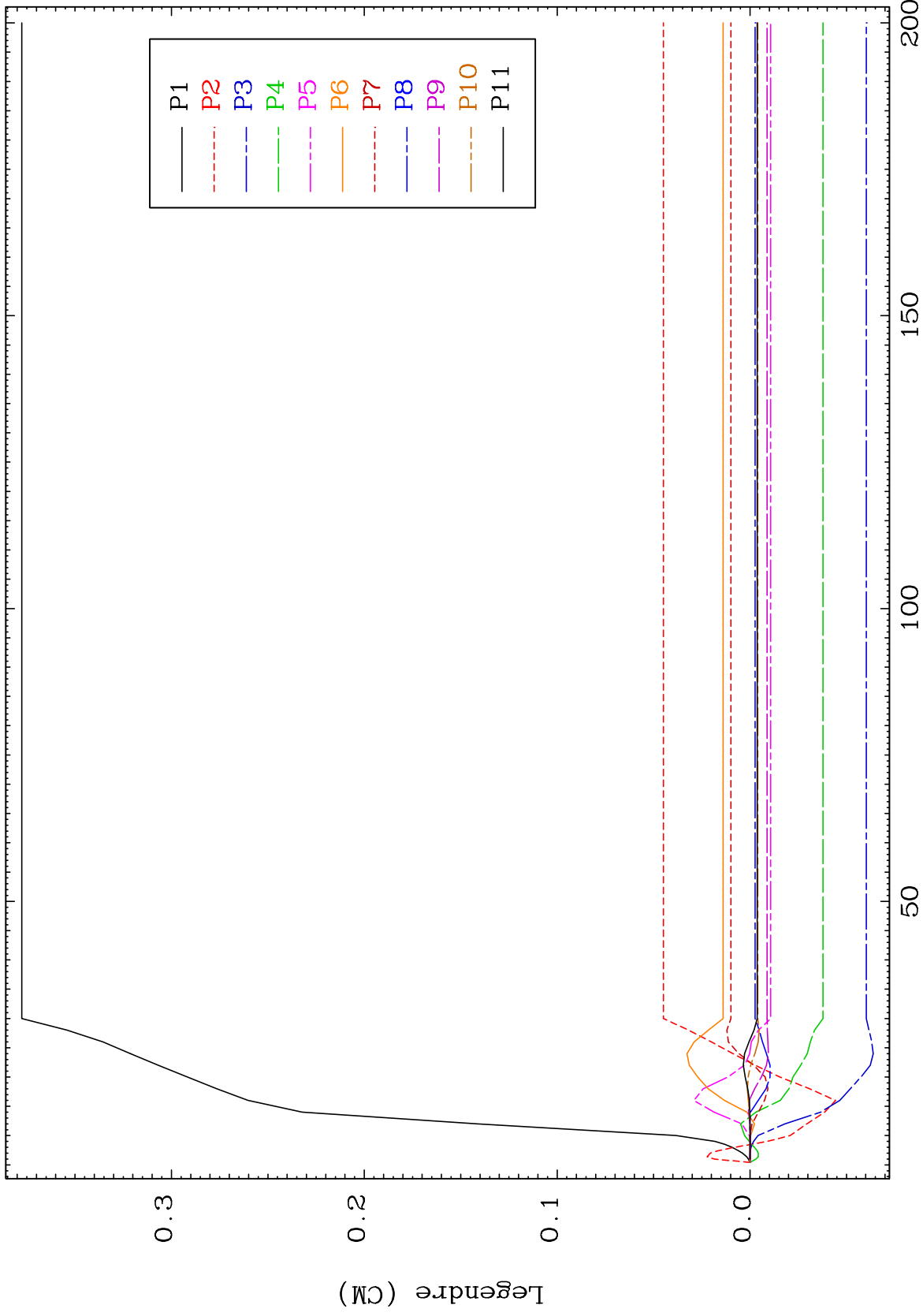
50-Sn-131

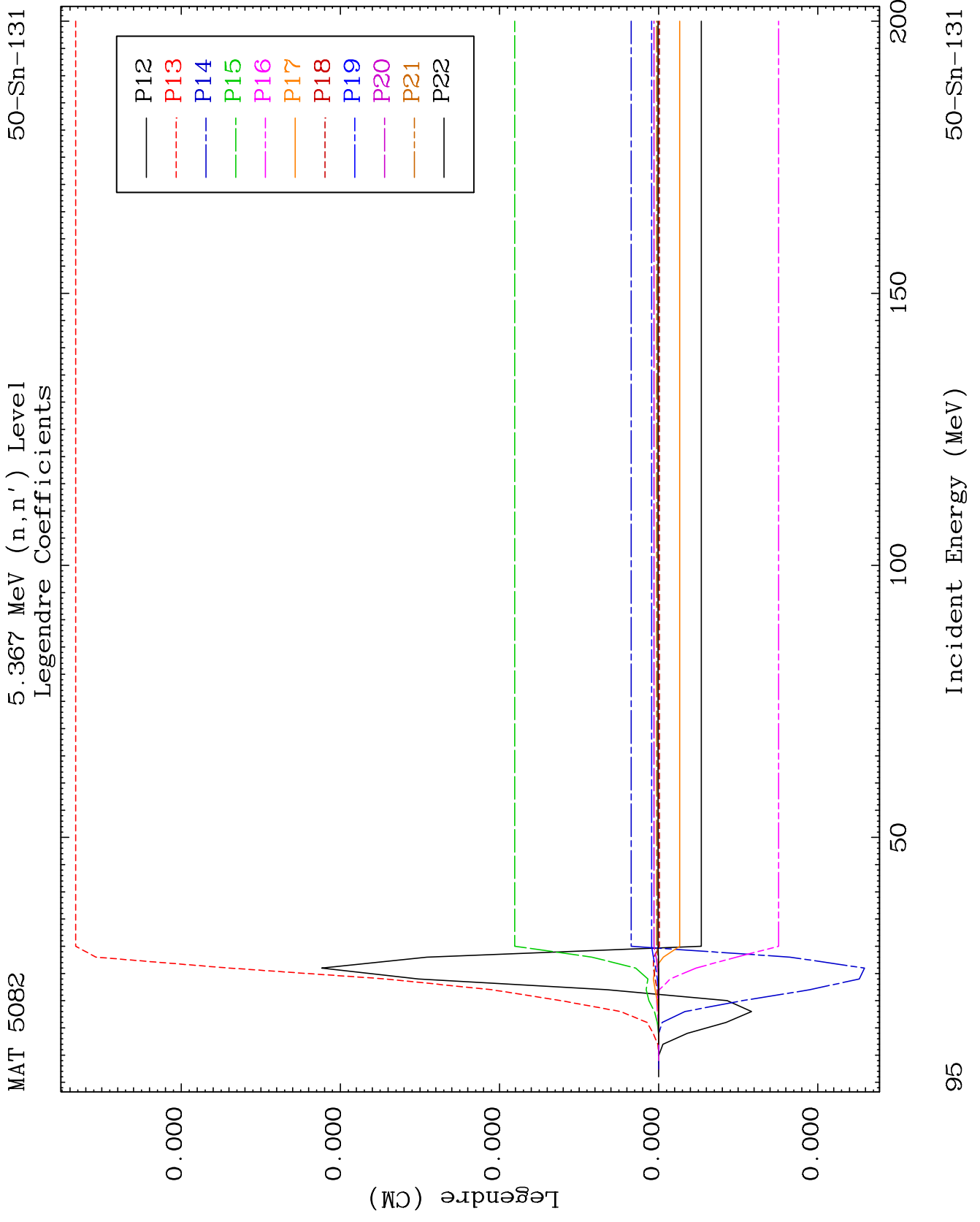


92

Incident Energy (MeV)

50-Sn-131

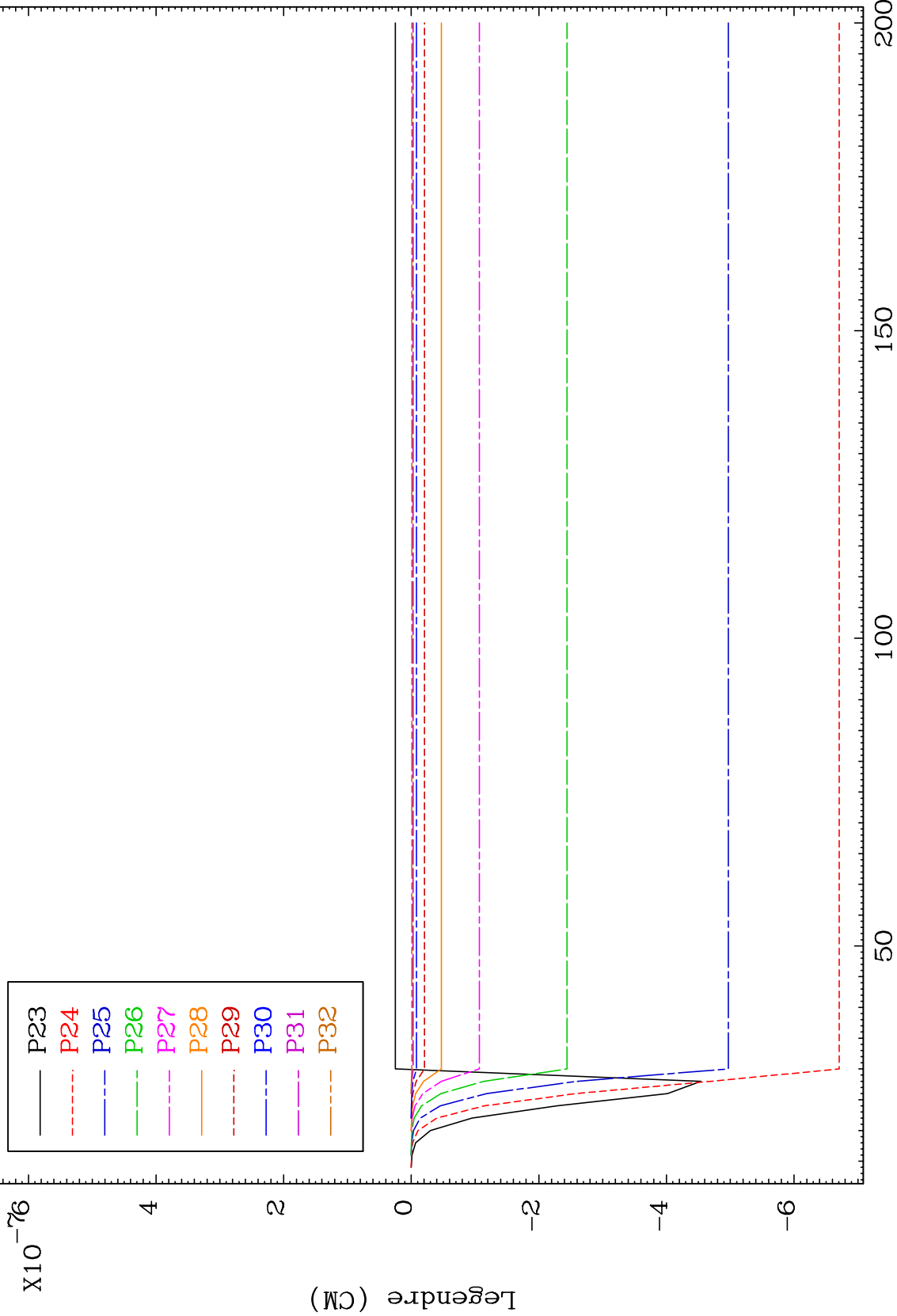
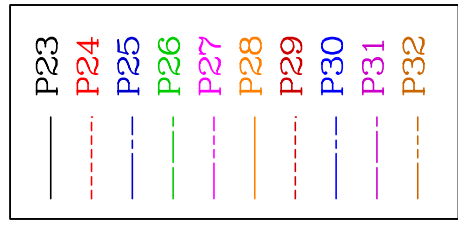




MAT 5082

5.367 MeV (n,n') Level
Legendre Coefficients

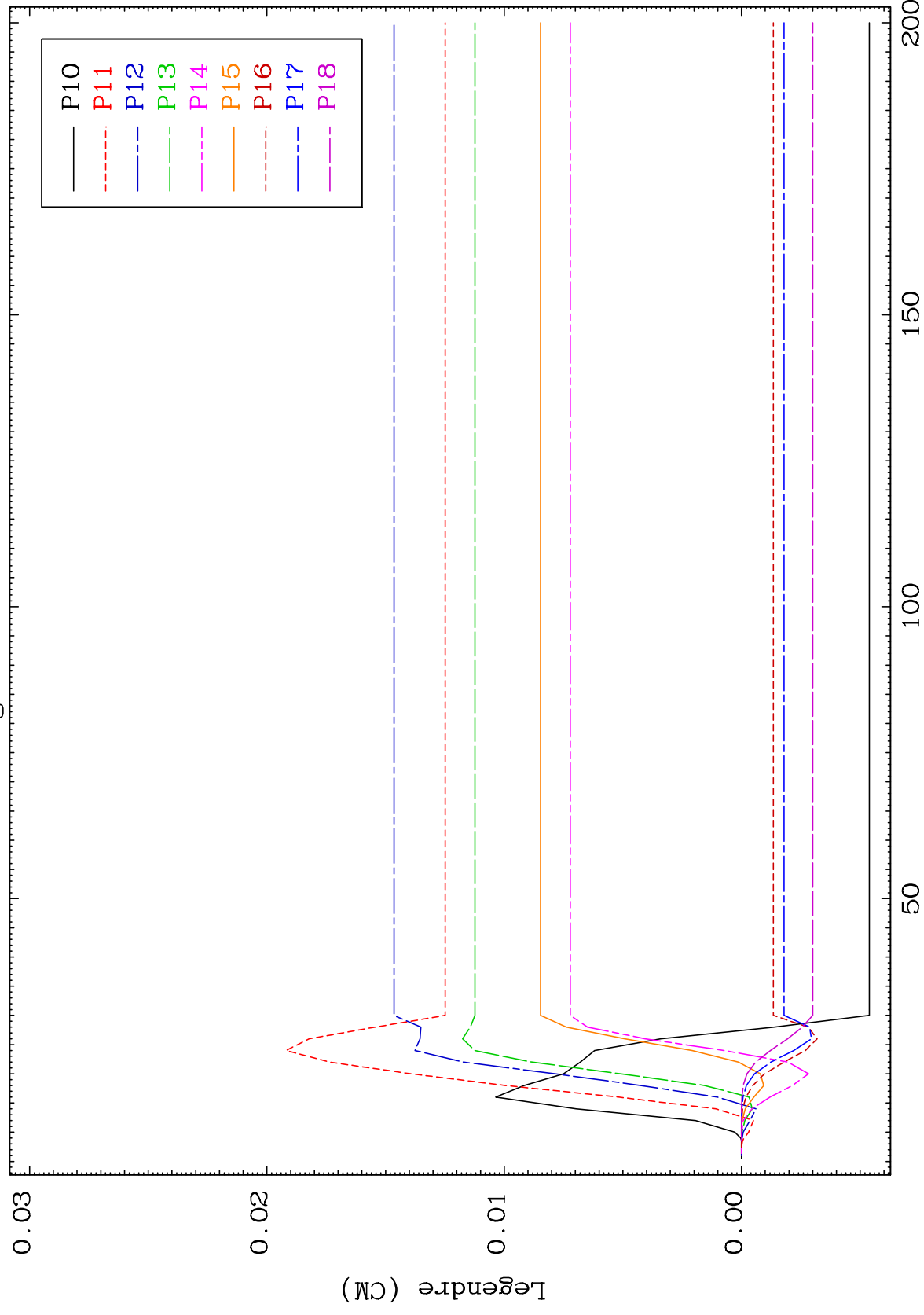
50-Sn-131

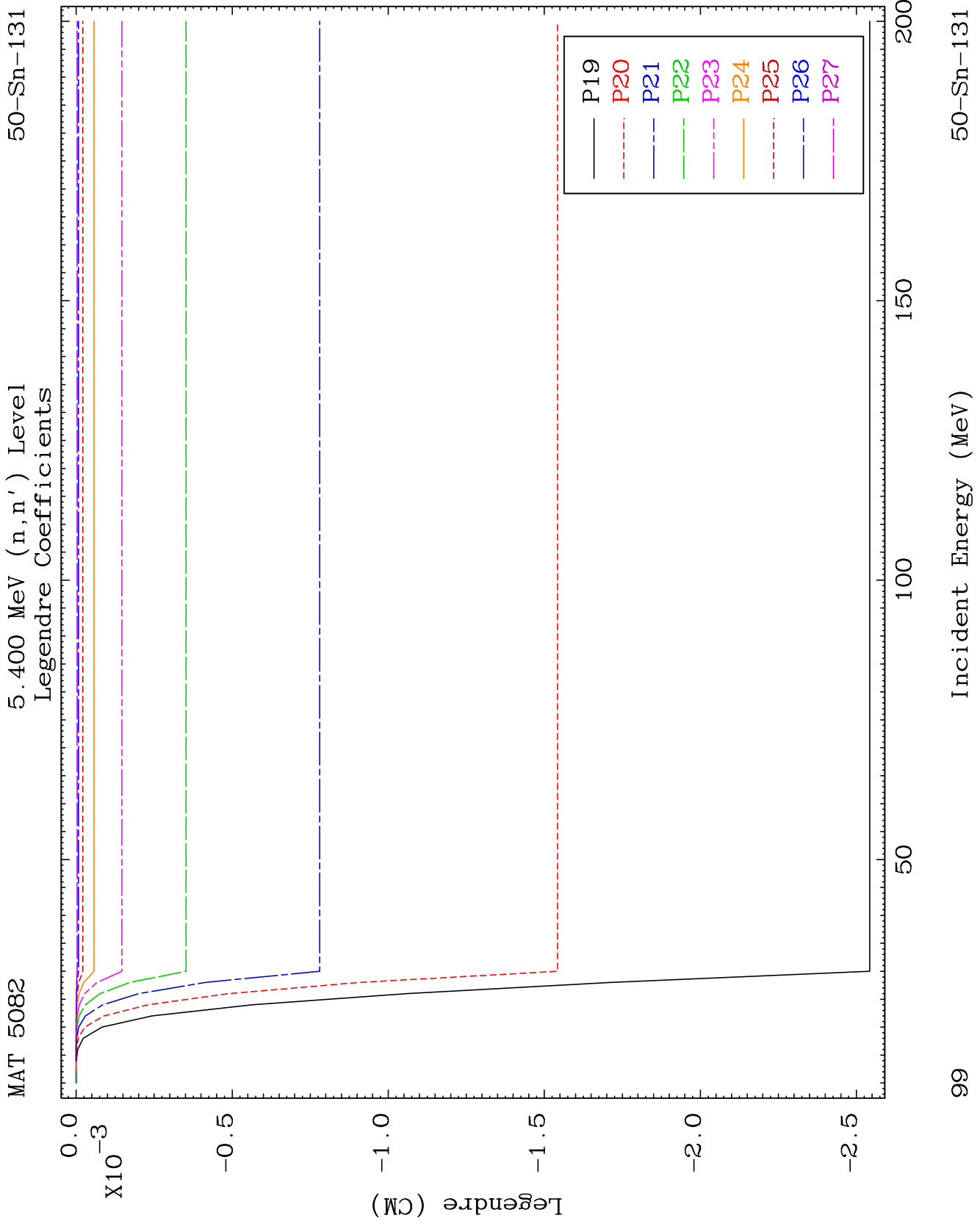


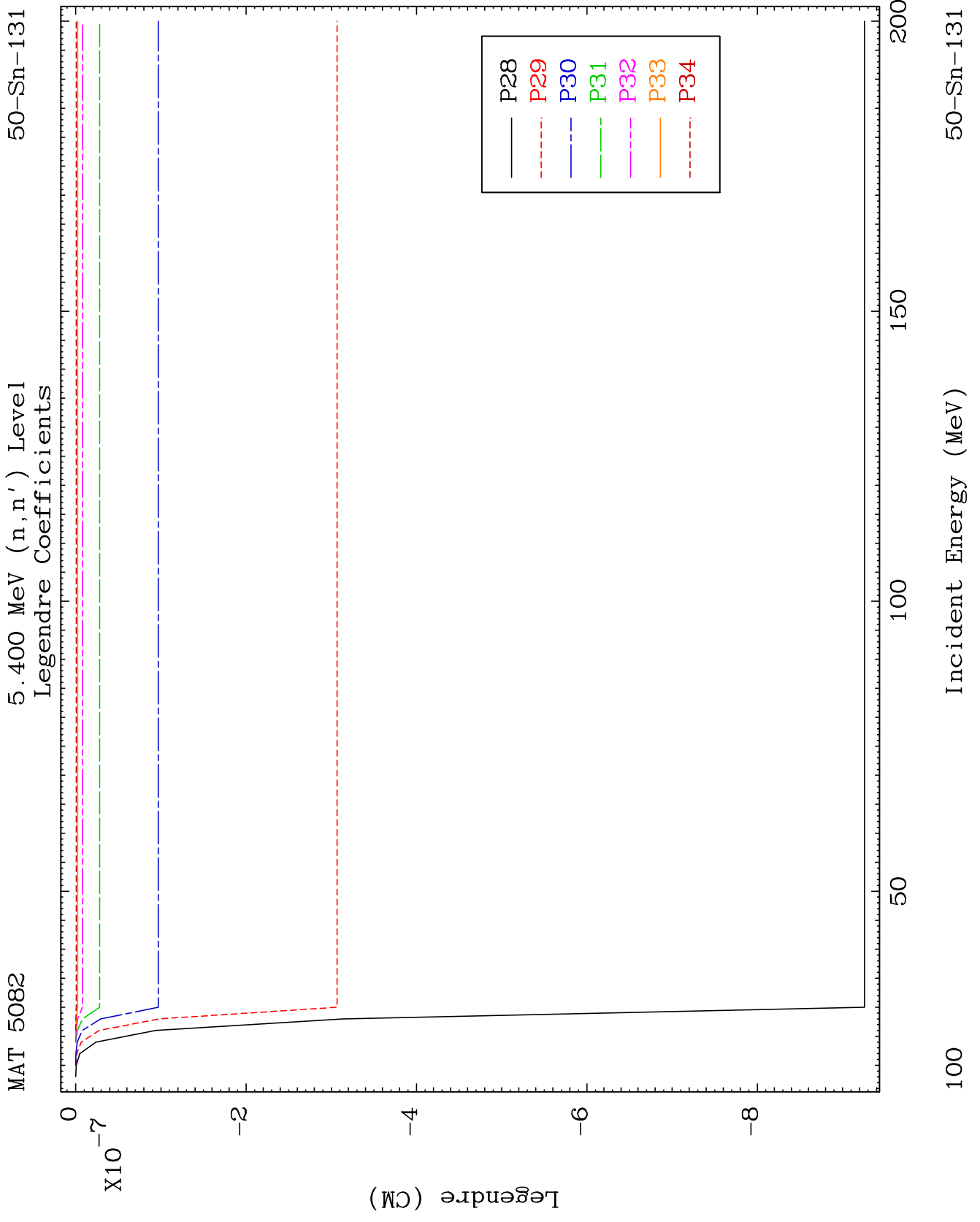
96

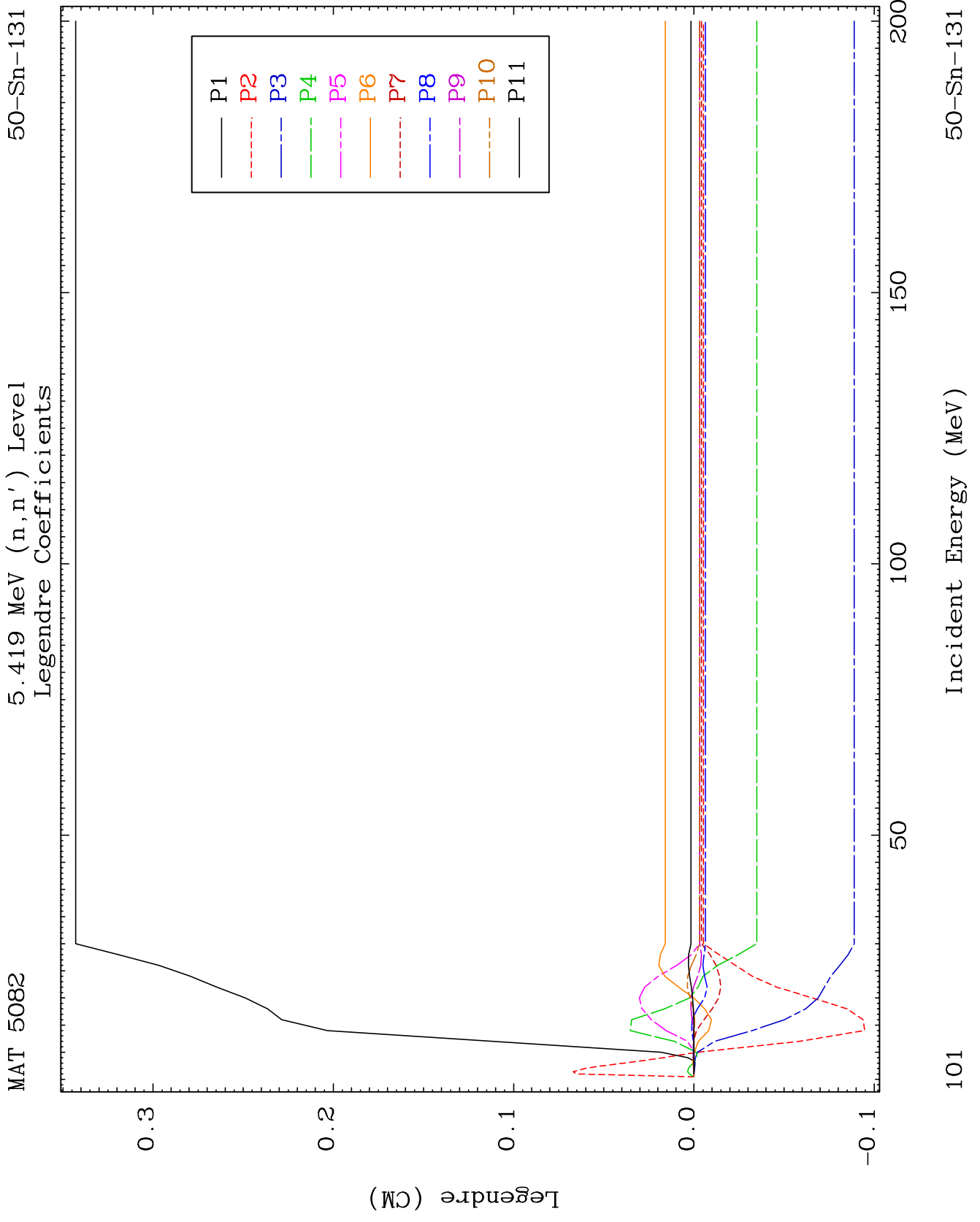
Incident Energy (MeV)

50-Sn-131





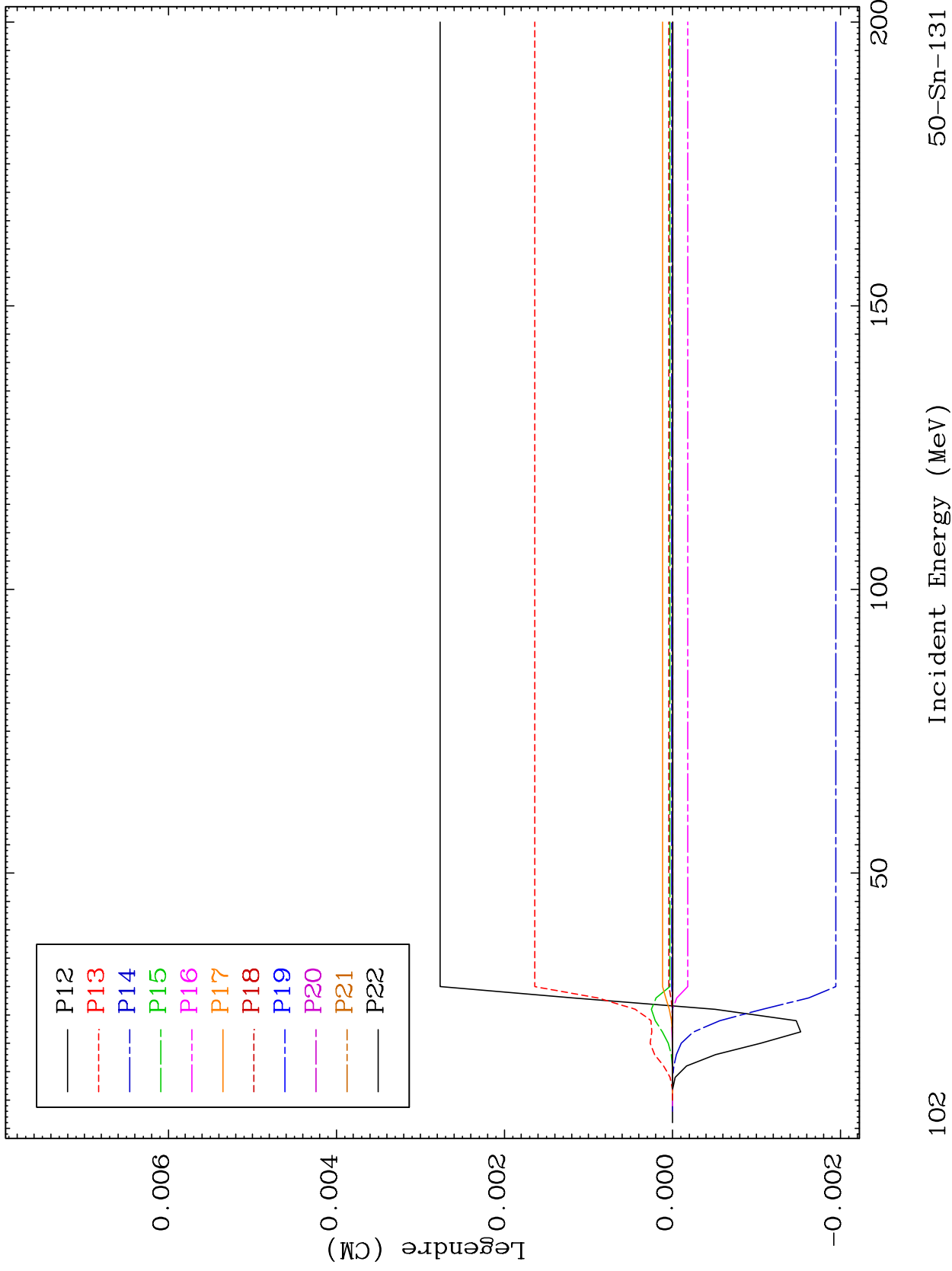




MAT 5082

5.419 MeV (n,n') Level
Legendre Coefficients

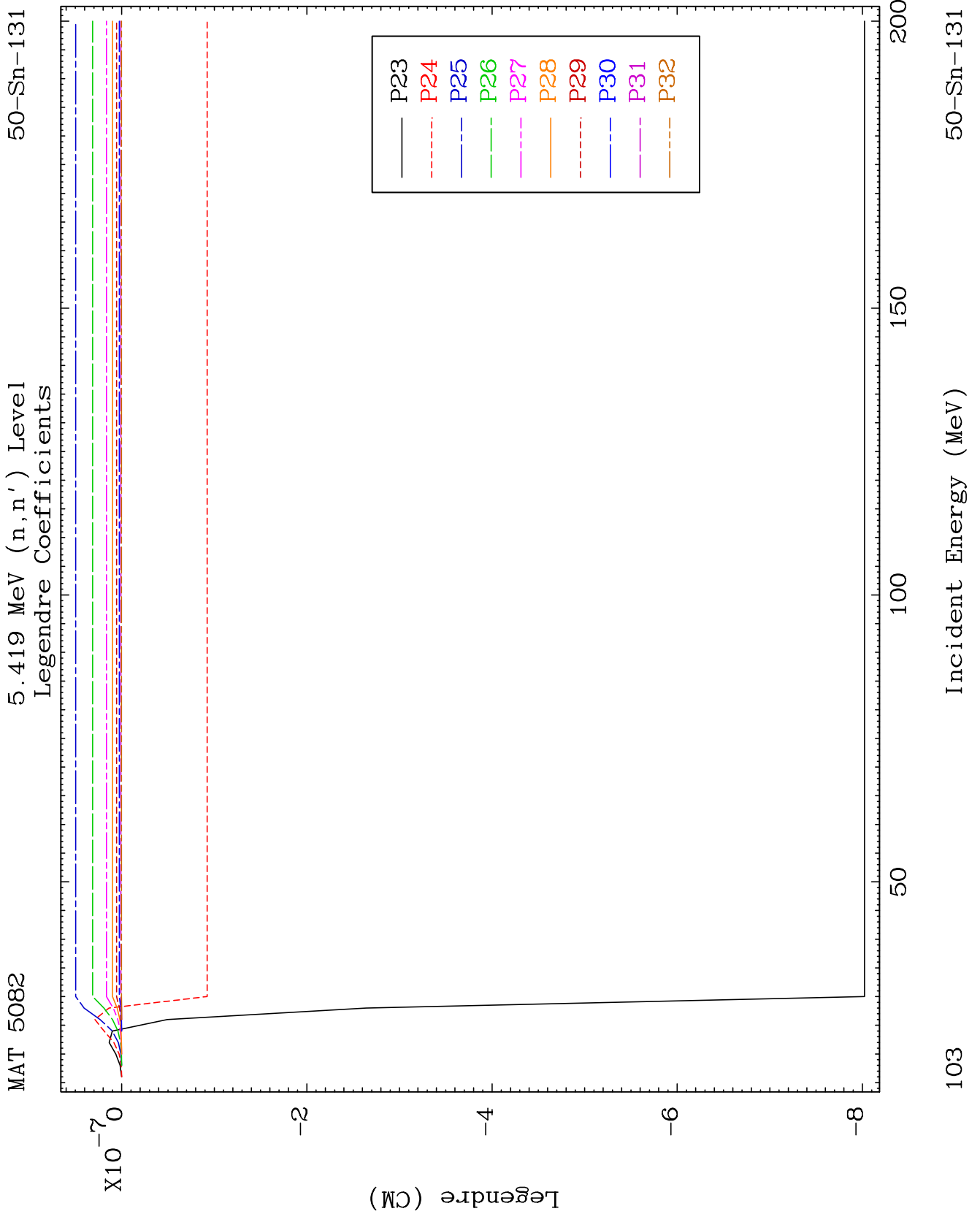
50-Sn-131

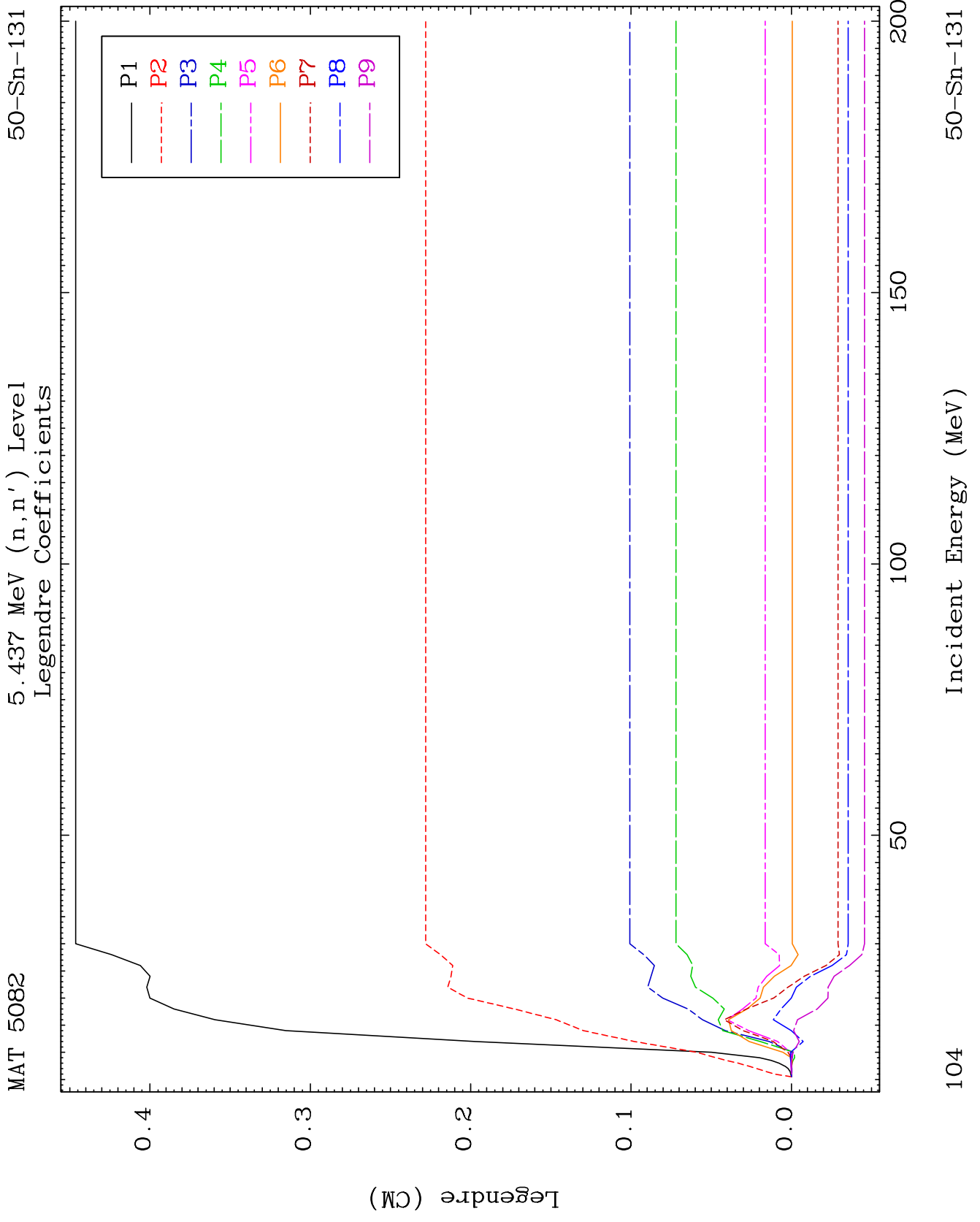


102

Incident Energy (MeV)

50-Sn-131

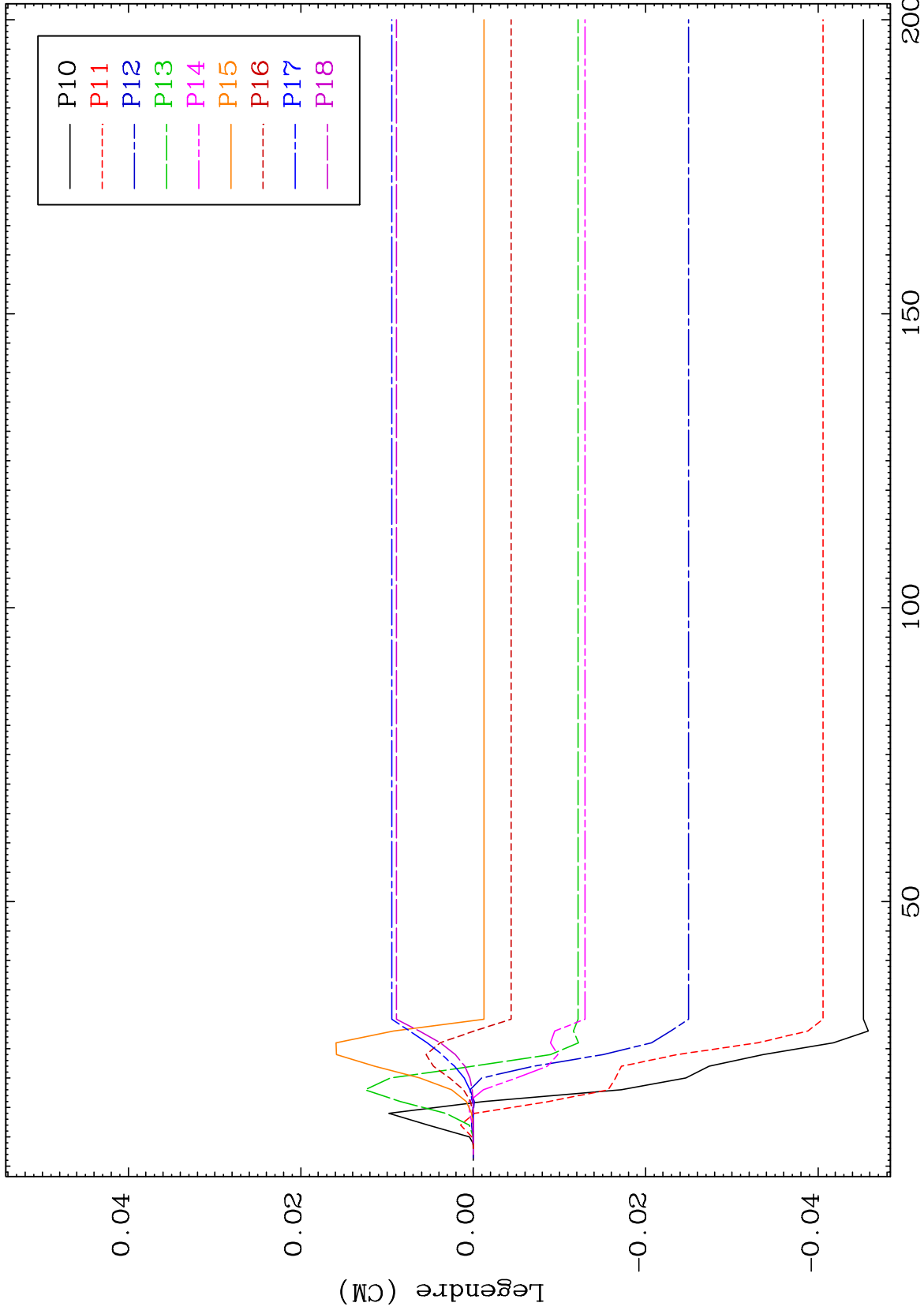




MAT 5082

5.437 MeV (n,n') Level
Legendre Coefficients

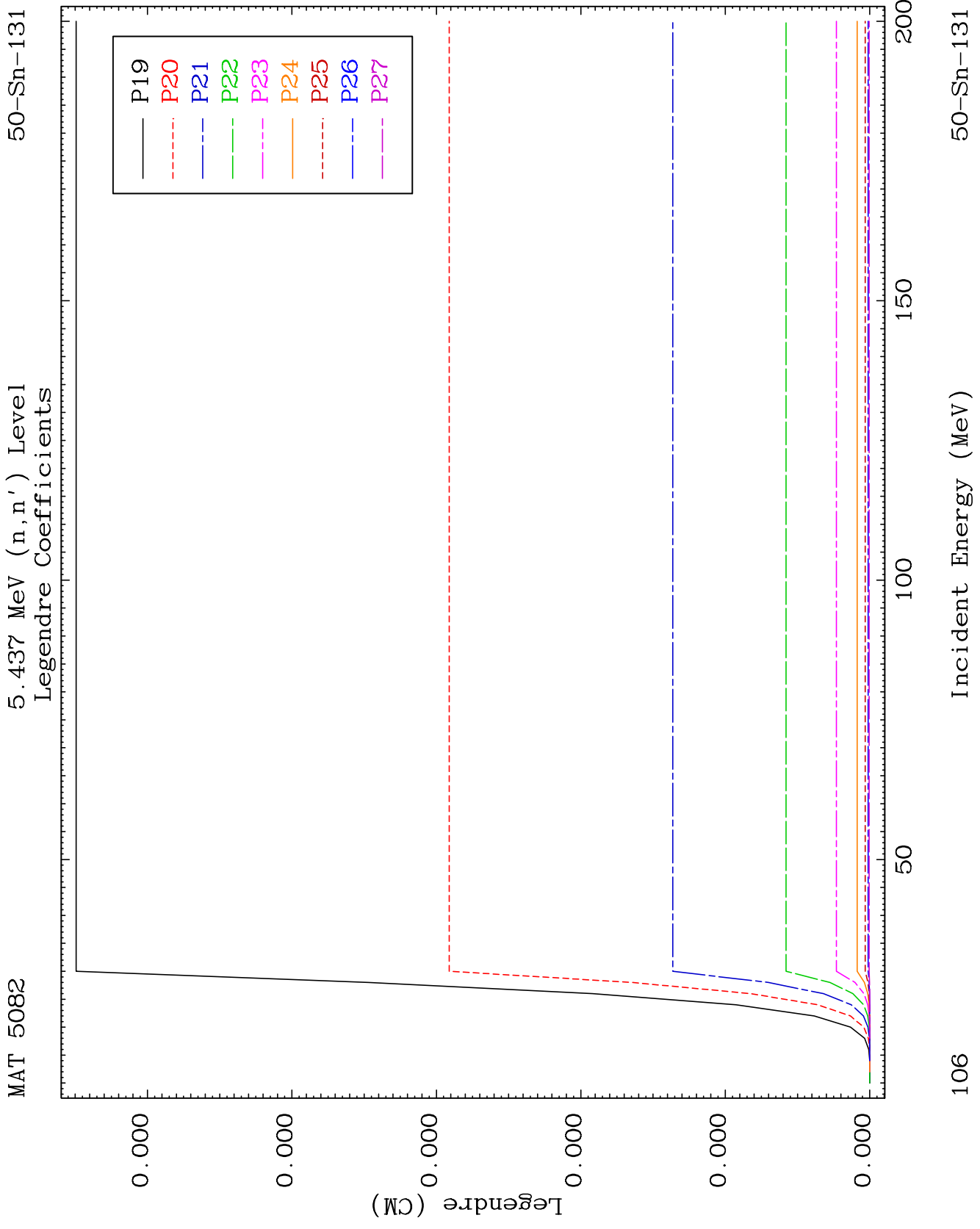
50-Sn-131

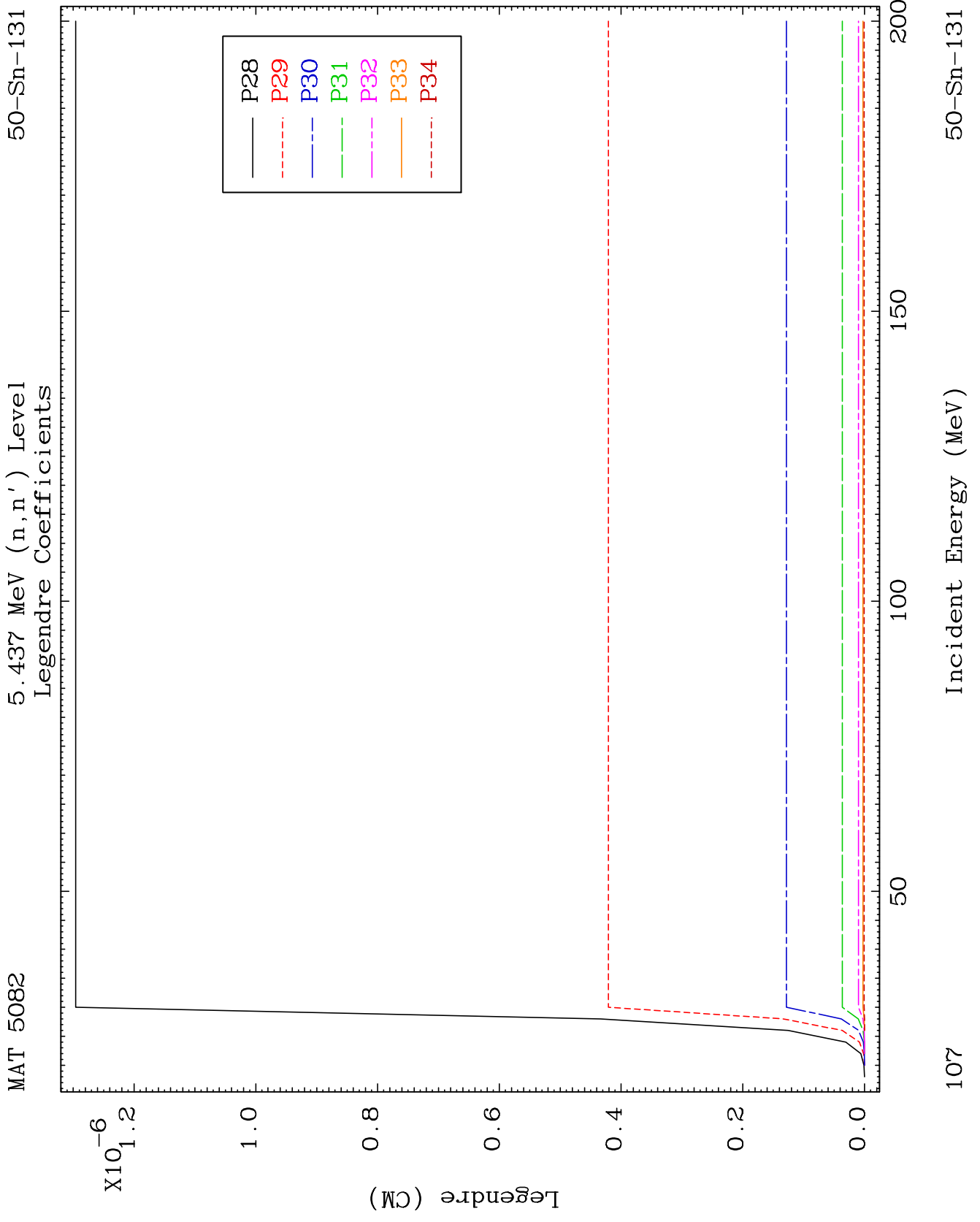


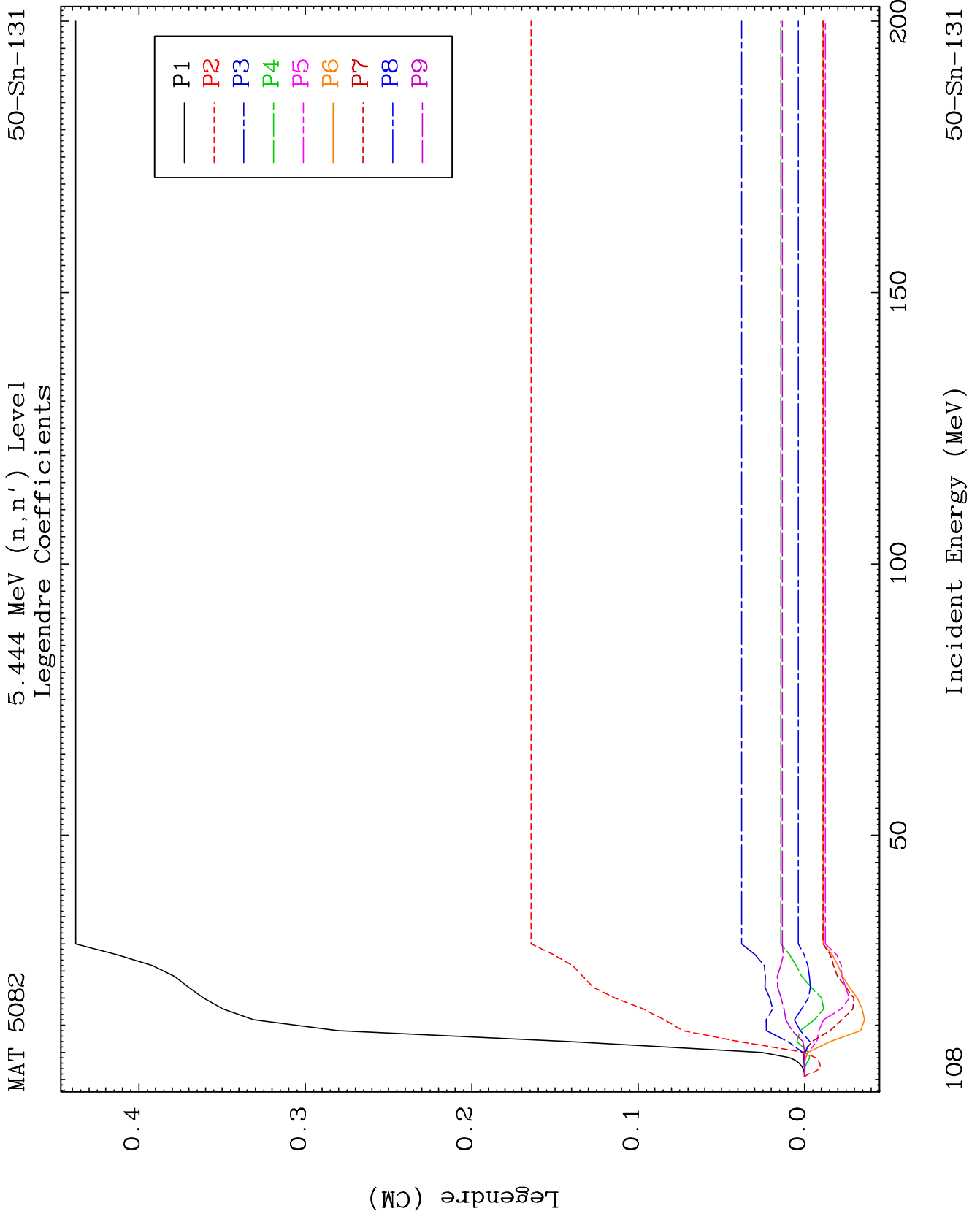
105

Incident Energy (MeV)

50-Sn-131



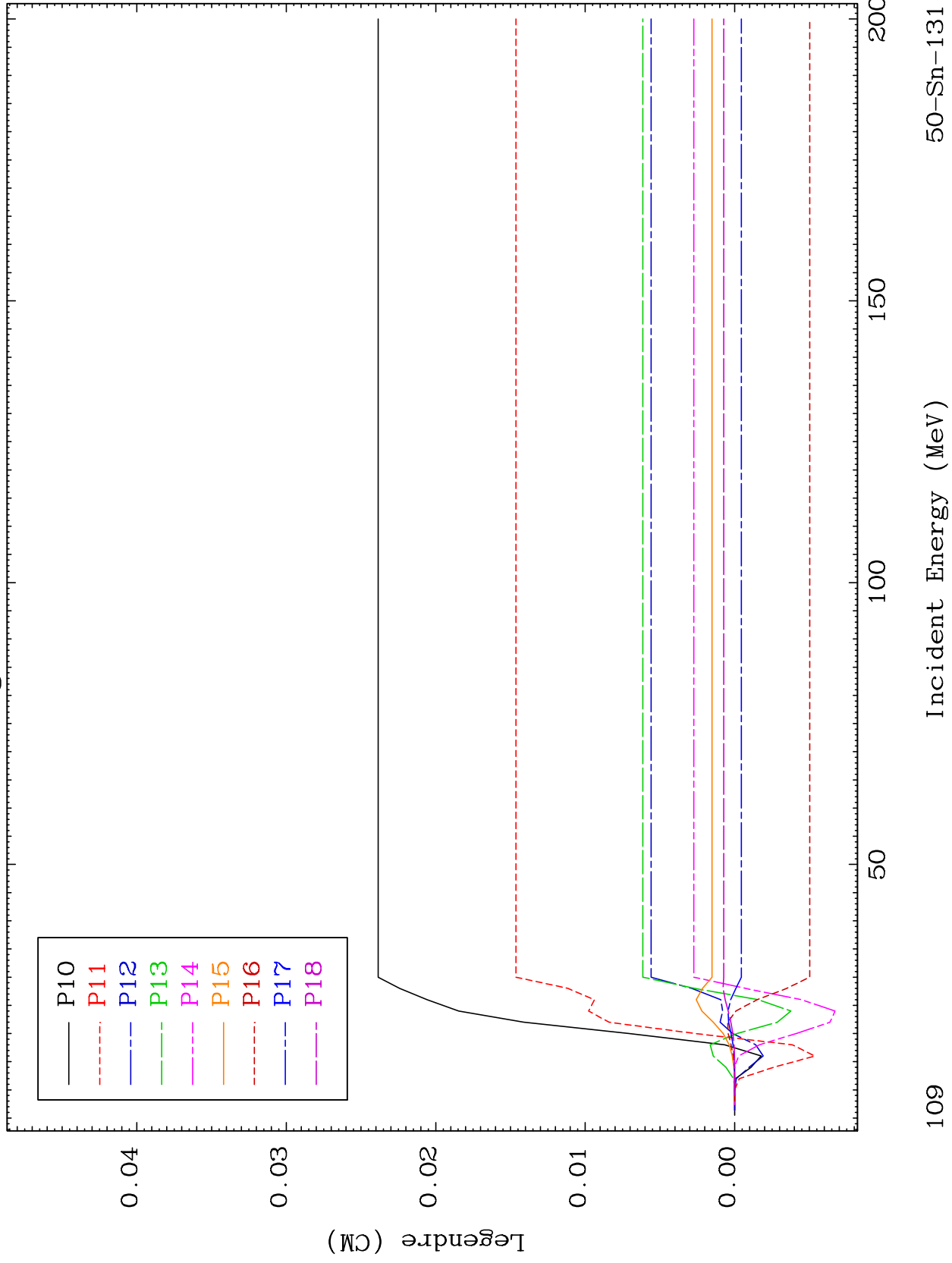




MAT 5082

5.444 MeV (n,n') Level
Legendre Coefficients

50-Sn-131



109

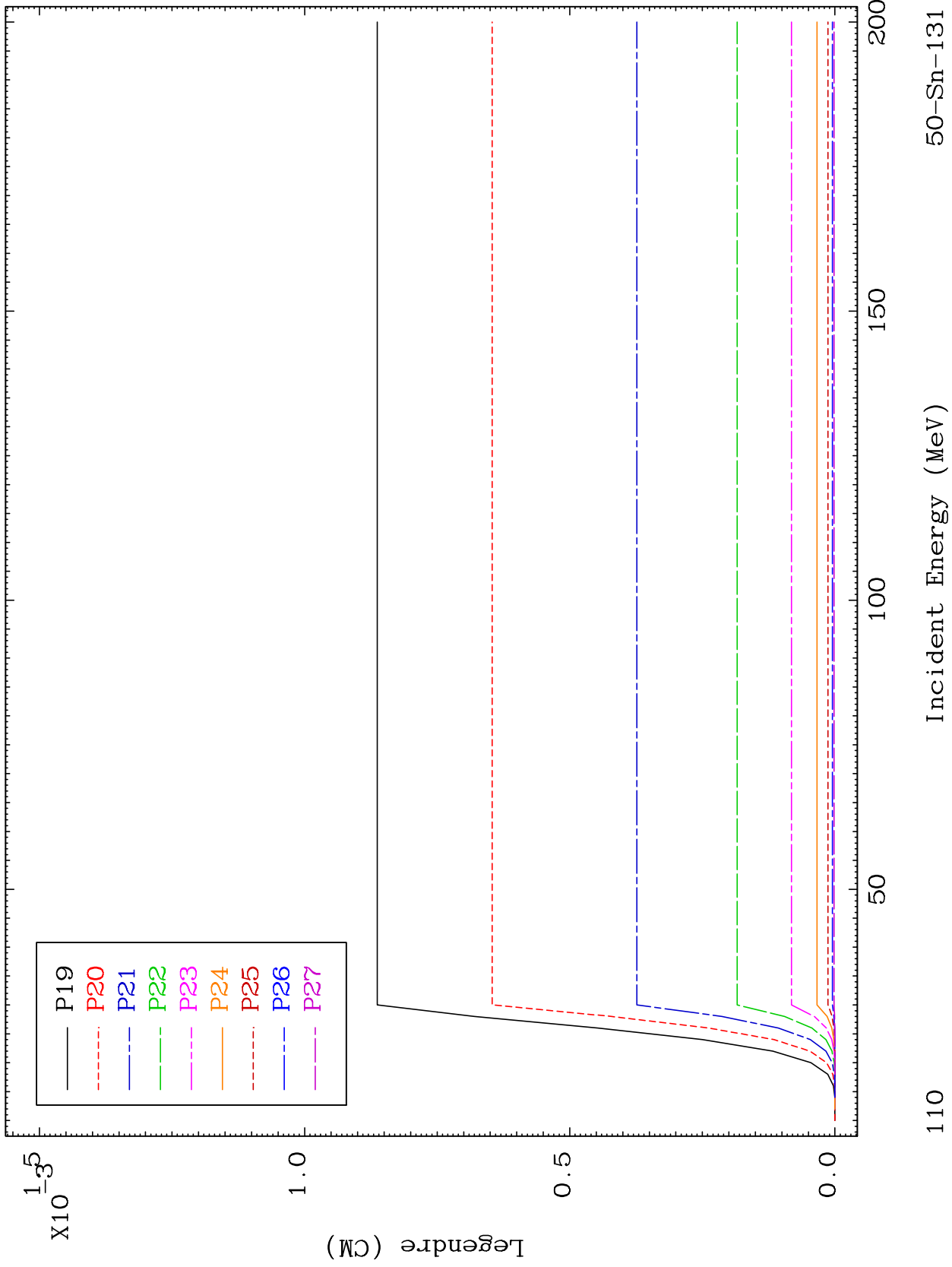
Incident Energy (MeV)

50-Sn-131

MAT 5082

5.444 MeV (n,n') Level
Legendre Coefficients

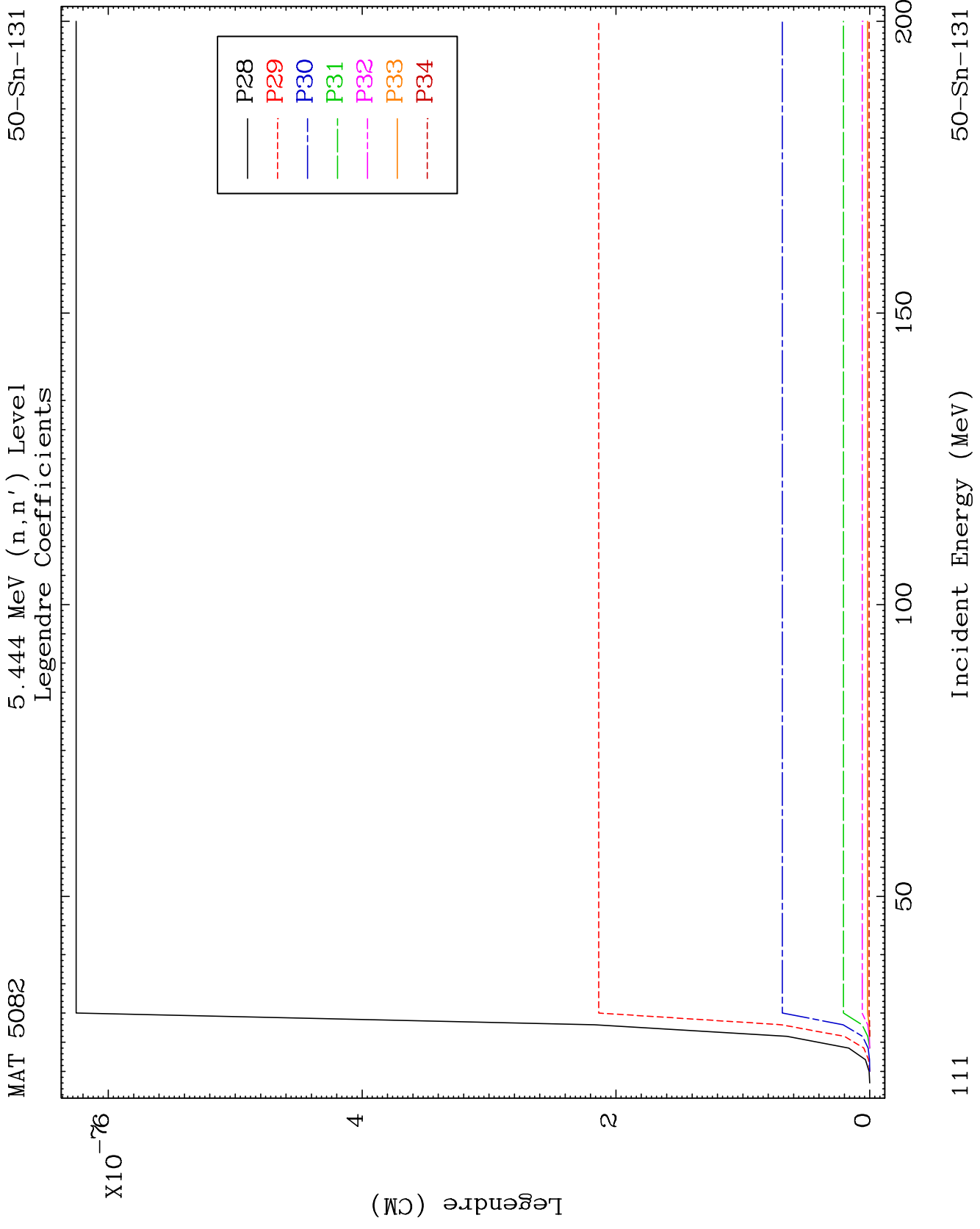
50-Sn-131

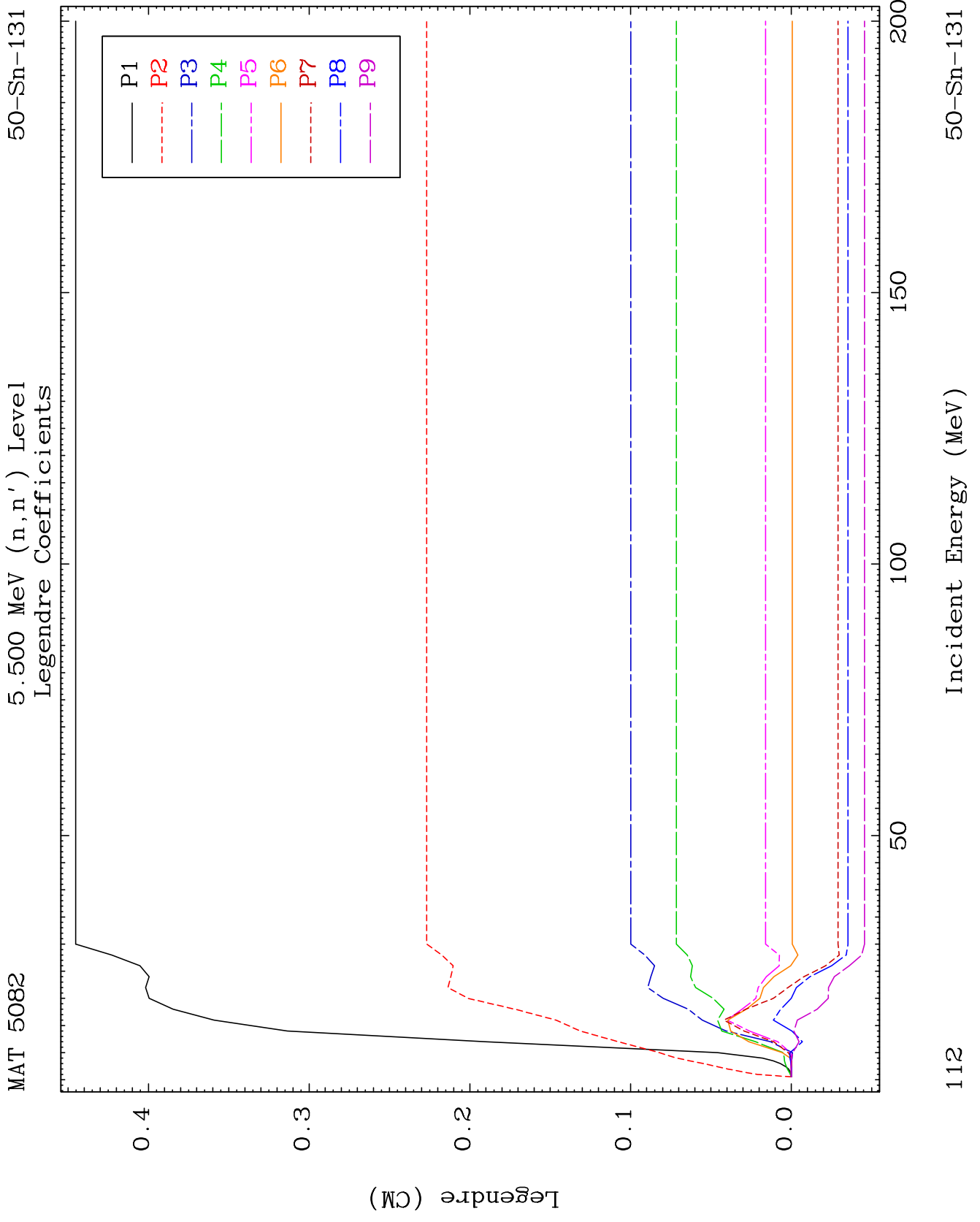


110

Incident Energy (MeV)

50-Sn-131

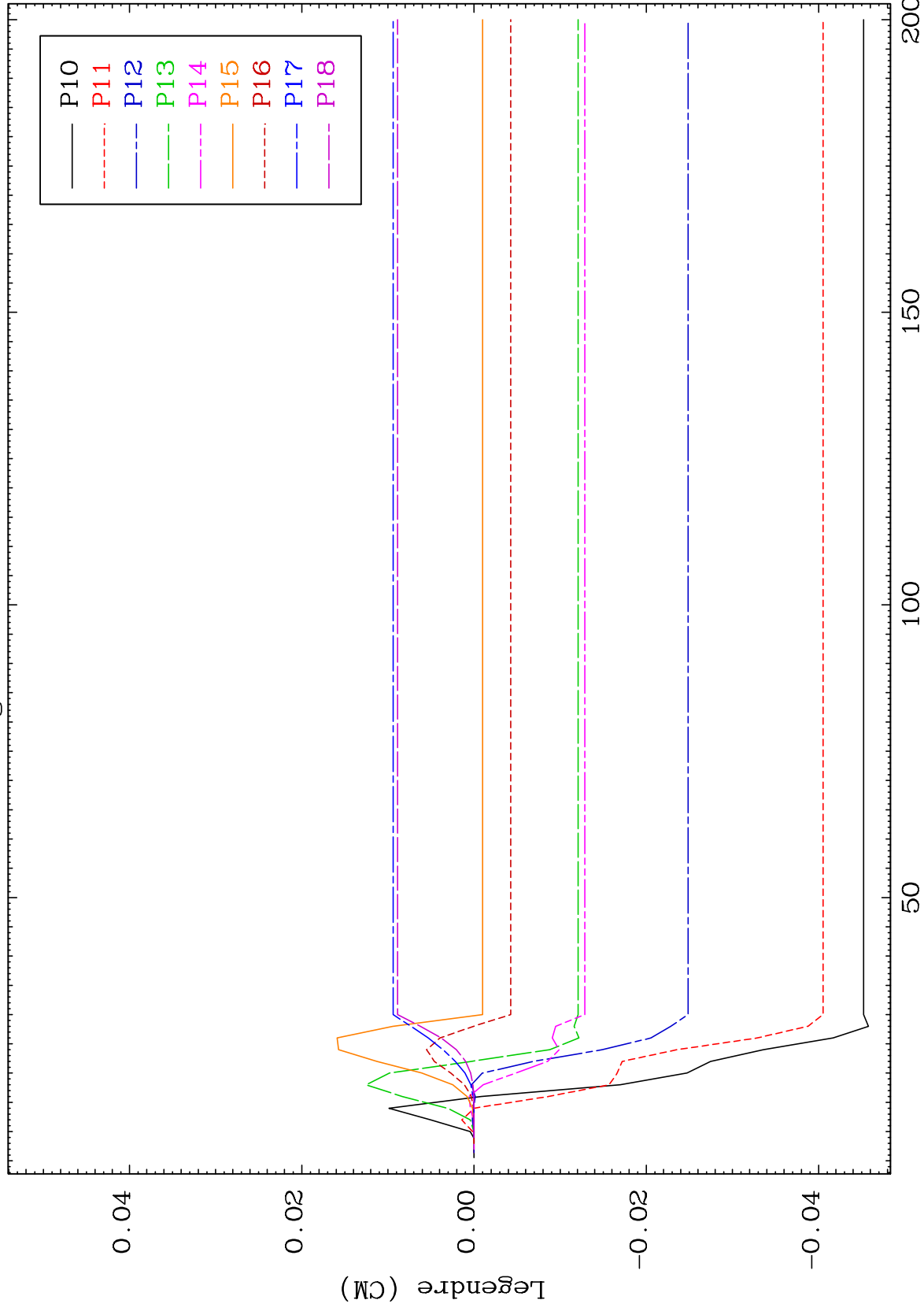




MAT 5082

5.500 MeV (n,n') Level
Legendre Coefficients

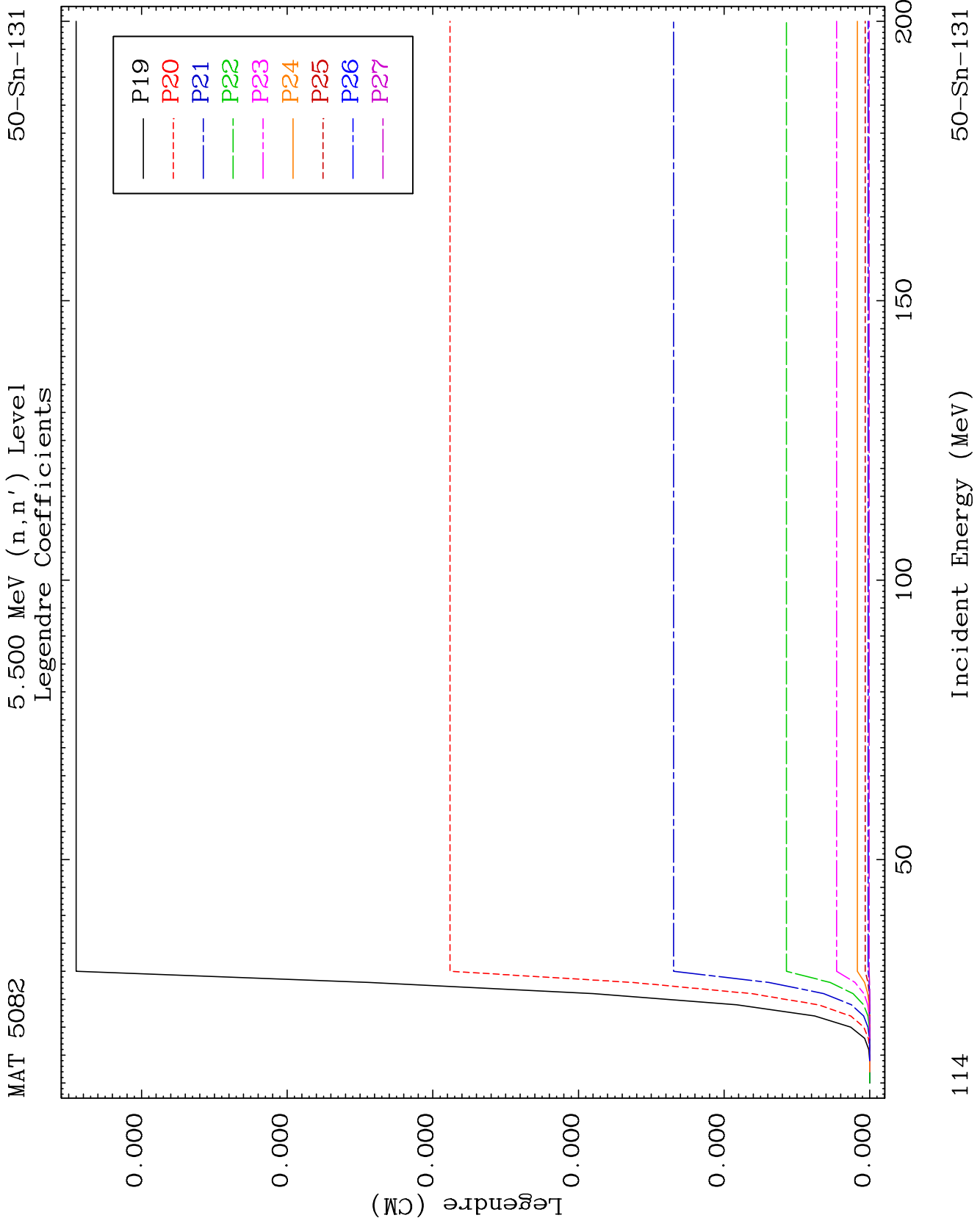
50-Sn-131

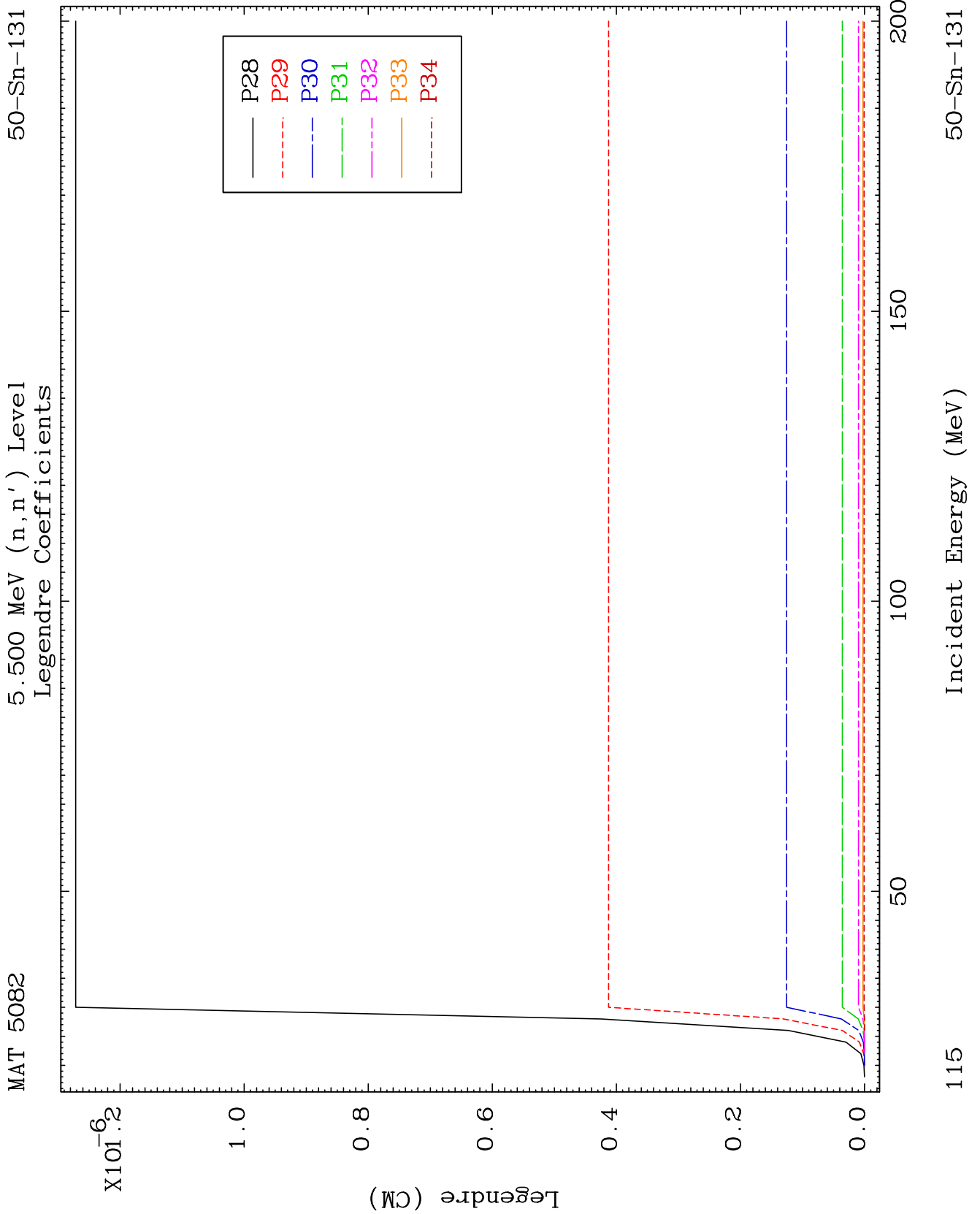


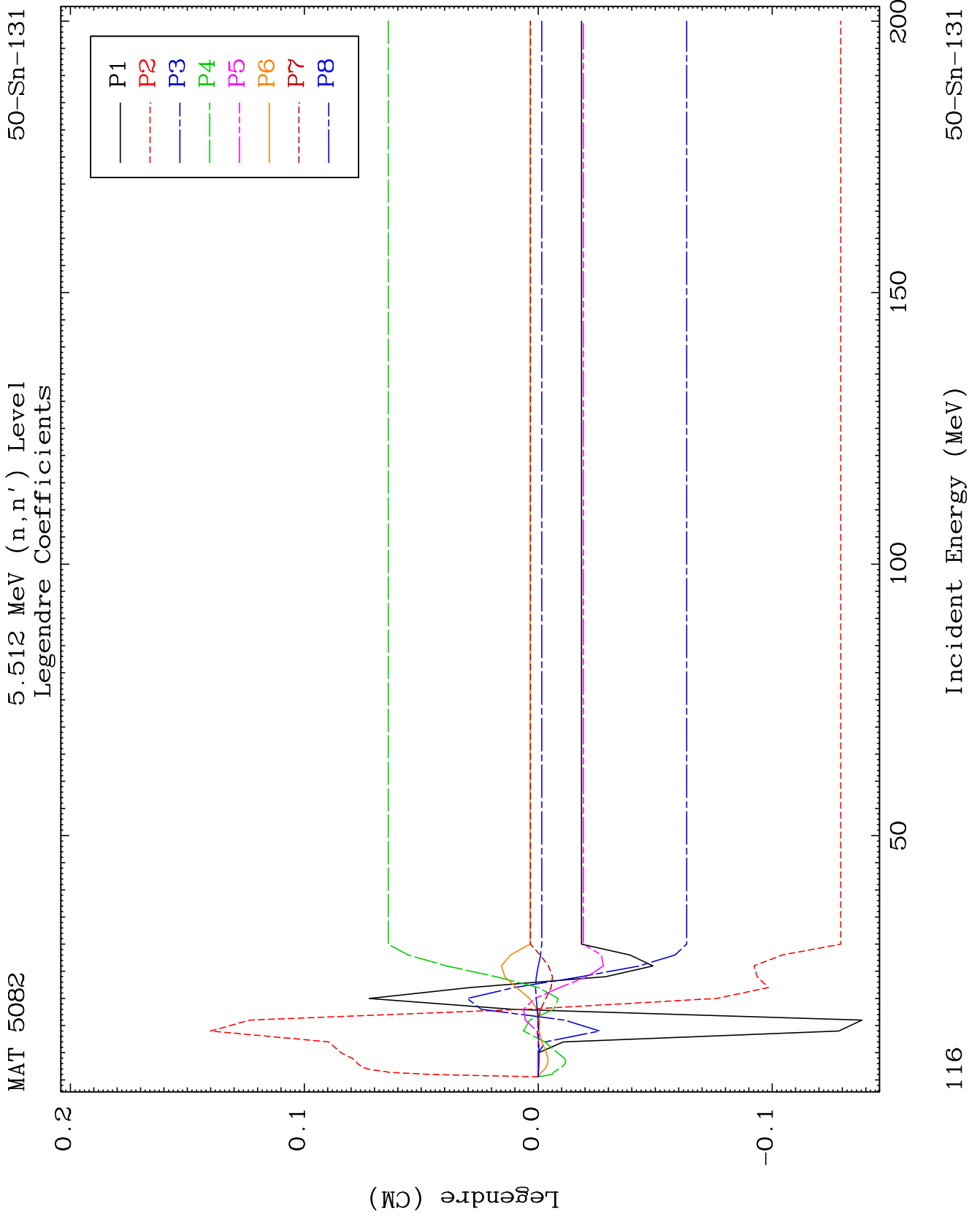
113

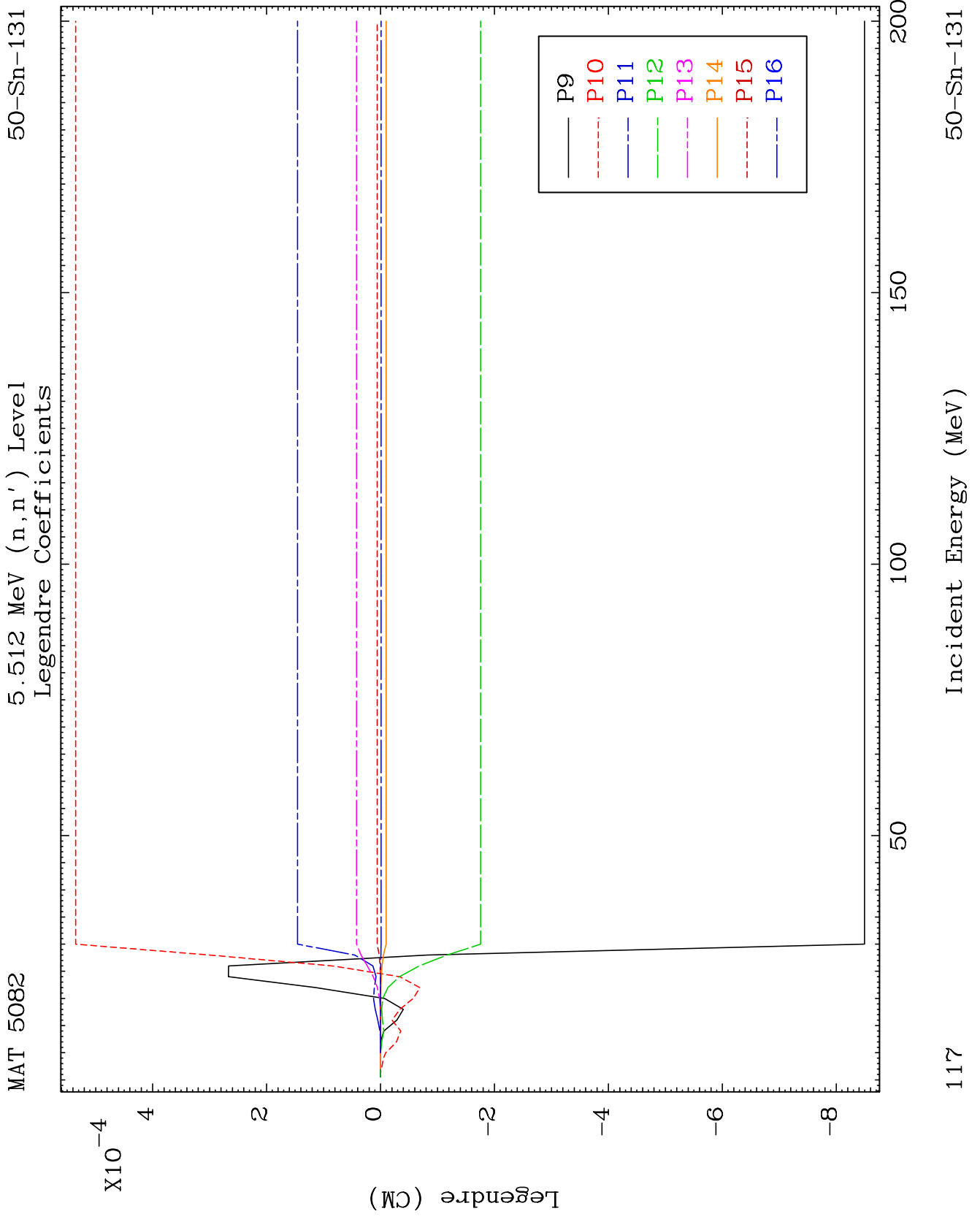
Incident Energy (MeV)

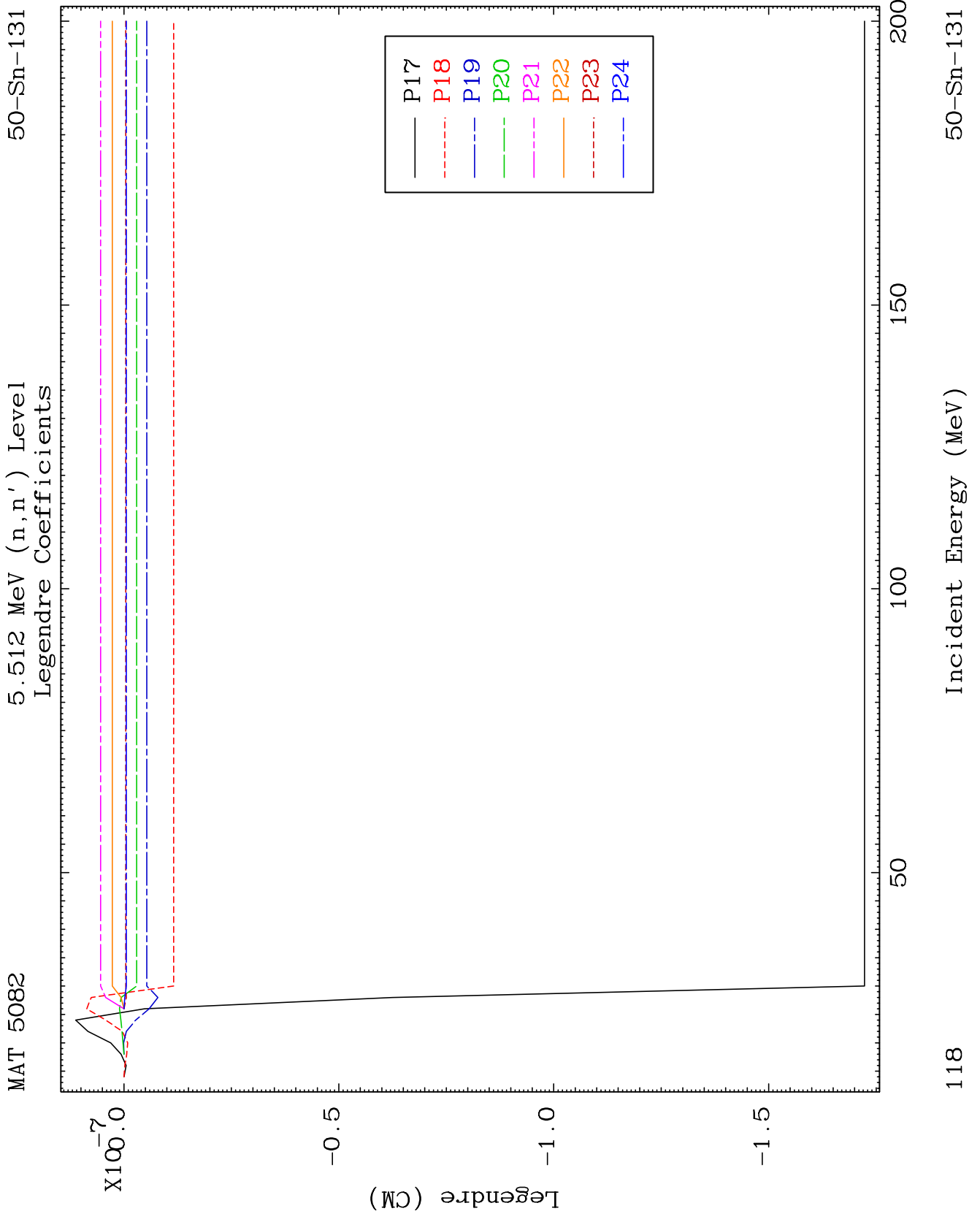
50-Sn-131

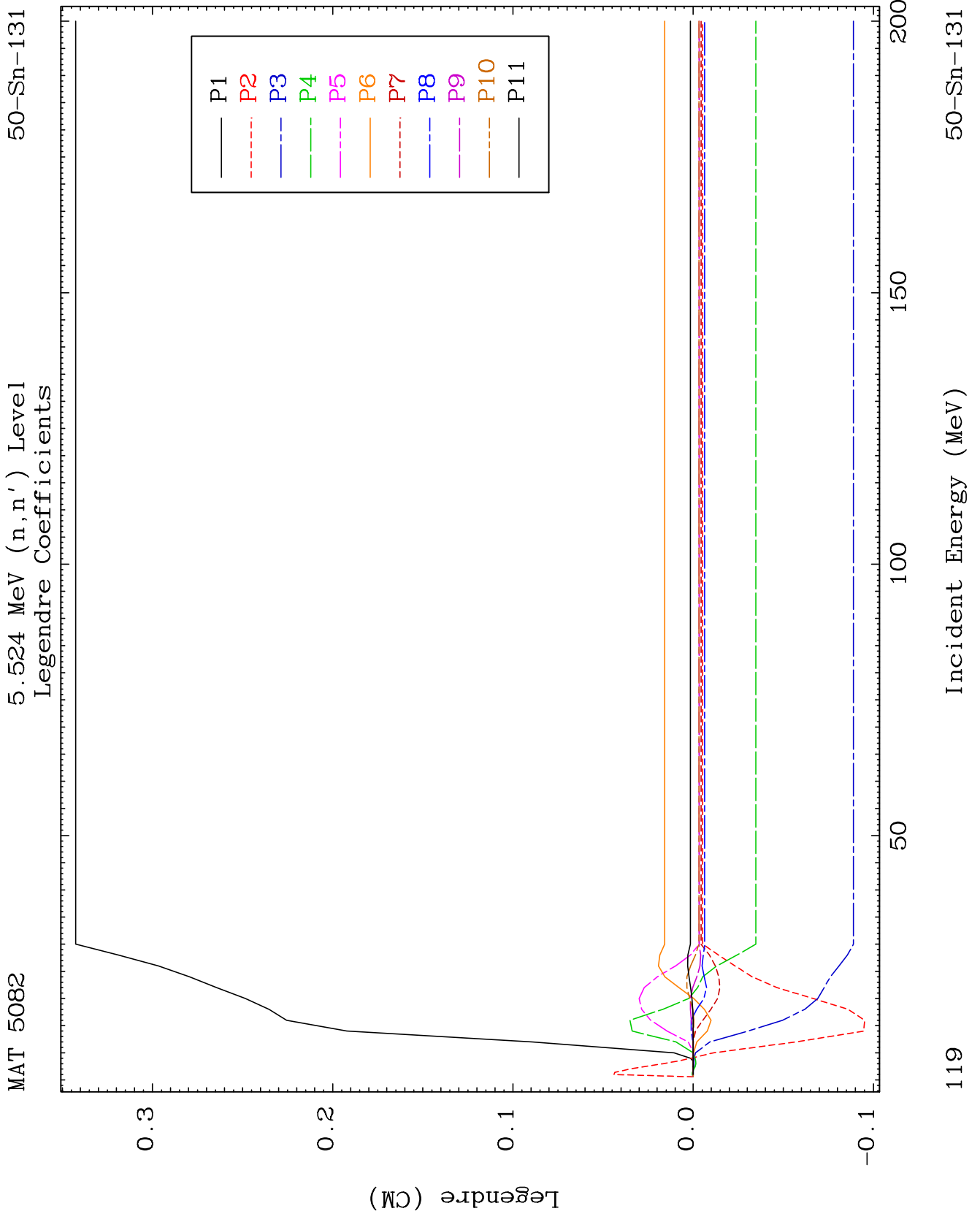








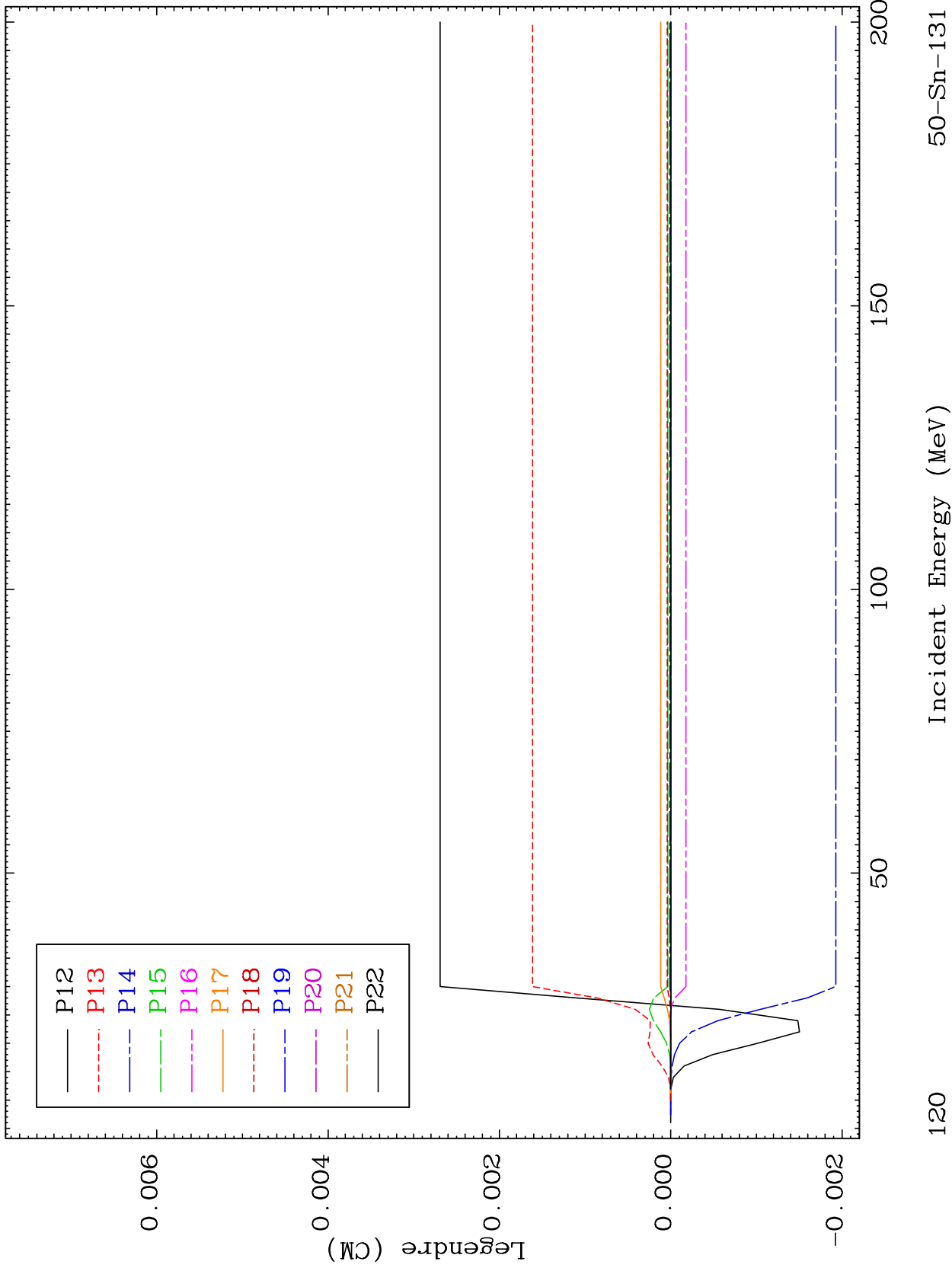




MAT 5082

5.524 MeV (n,n') Level
Legendre Coefficients

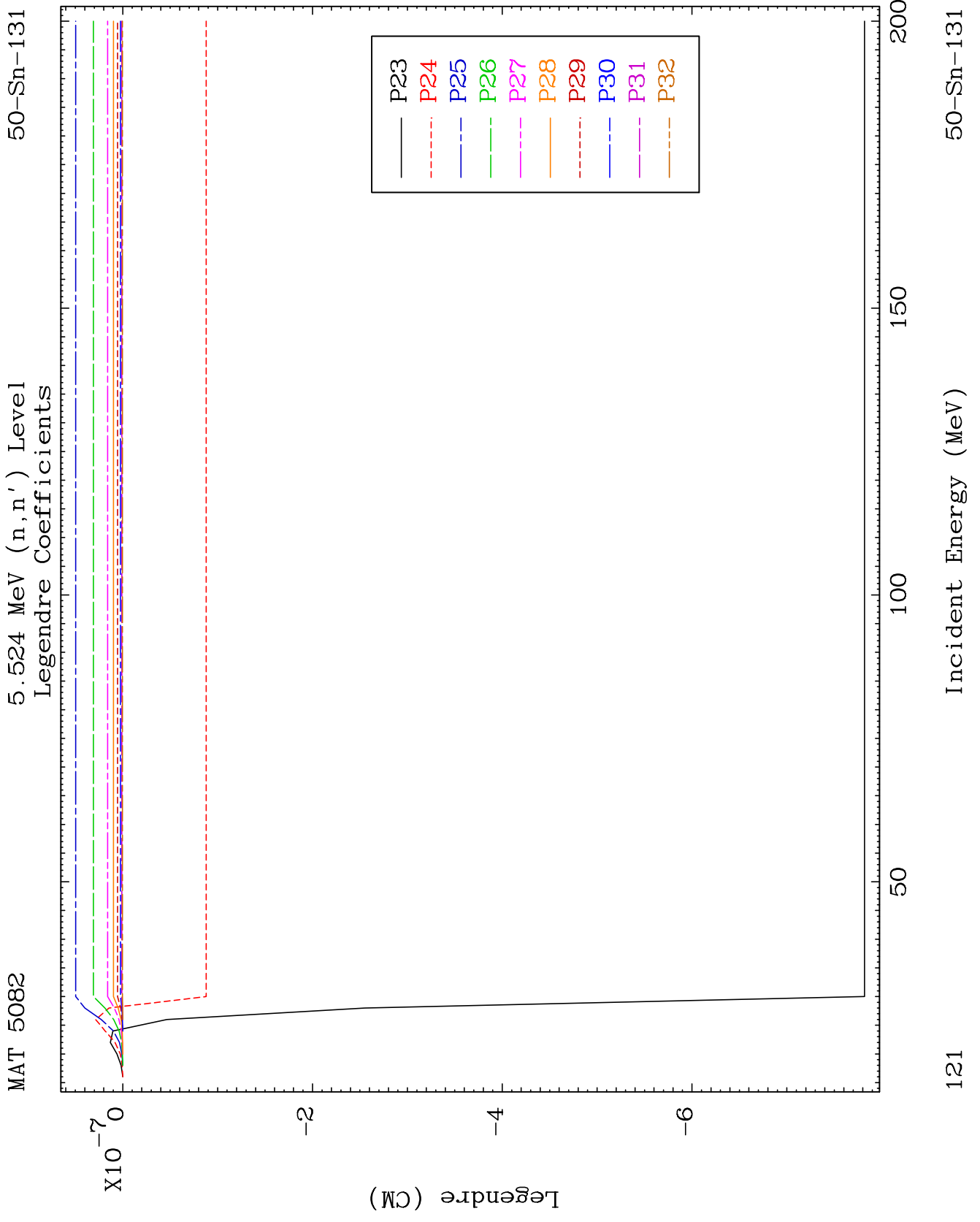
50-Sn-131

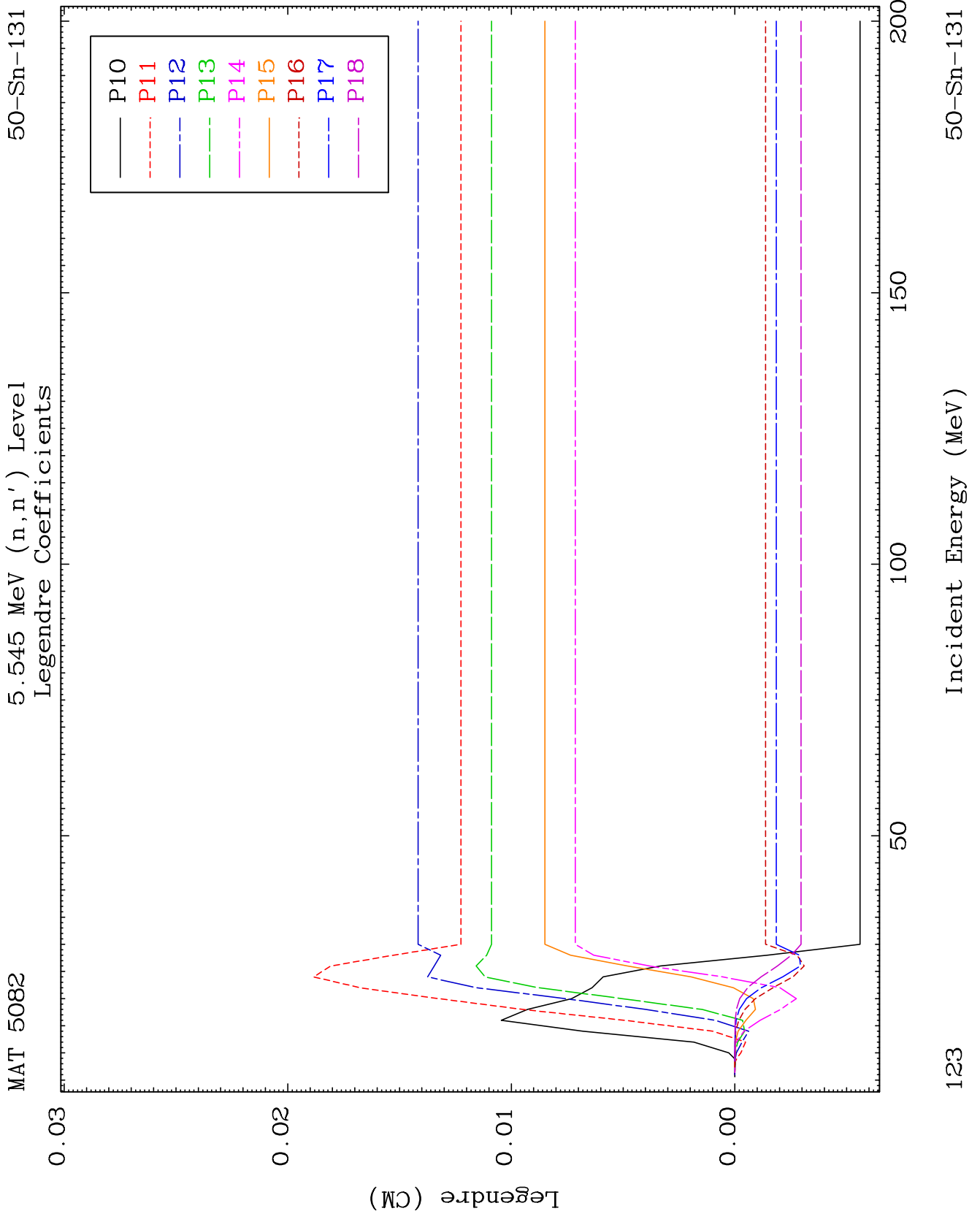


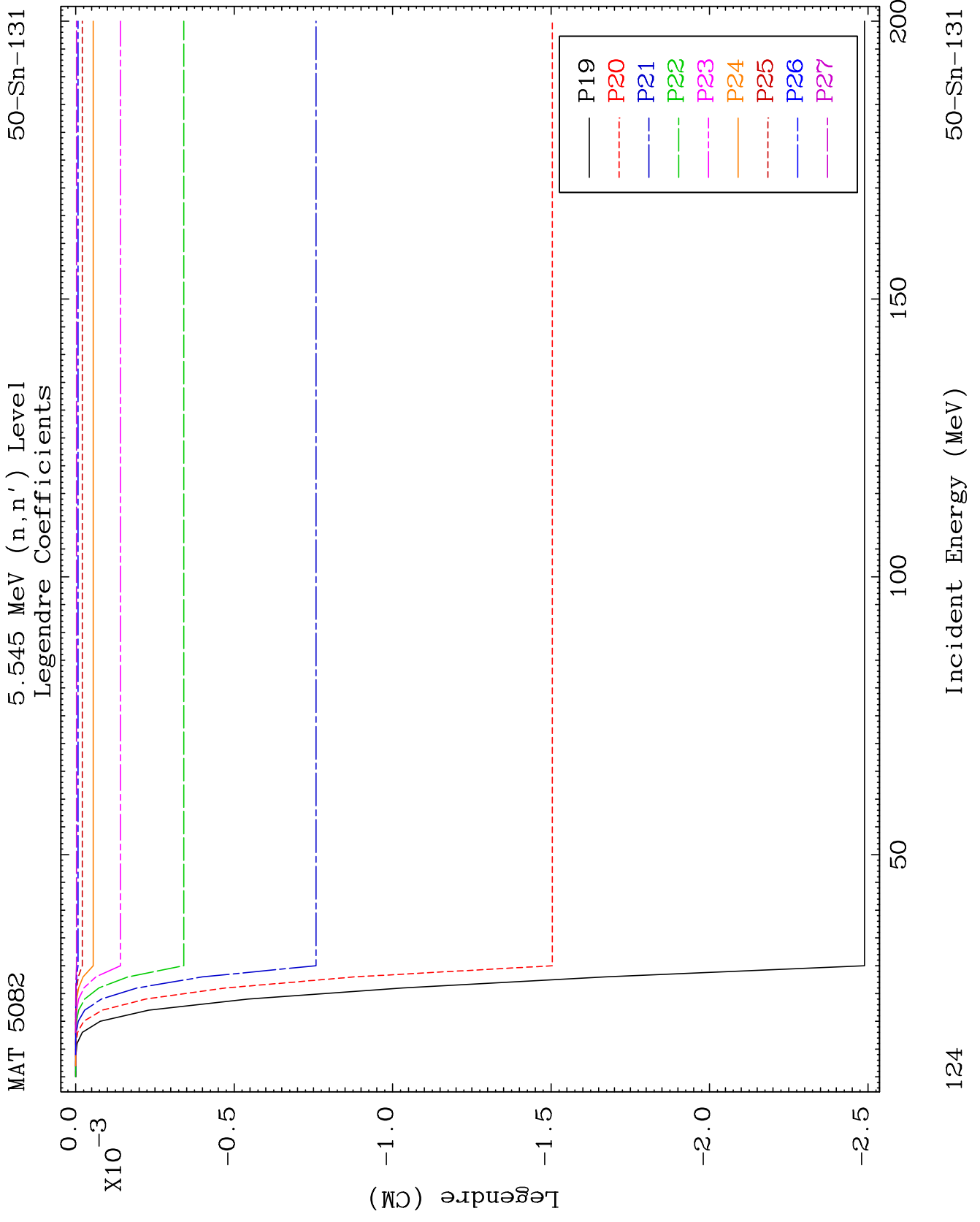
120

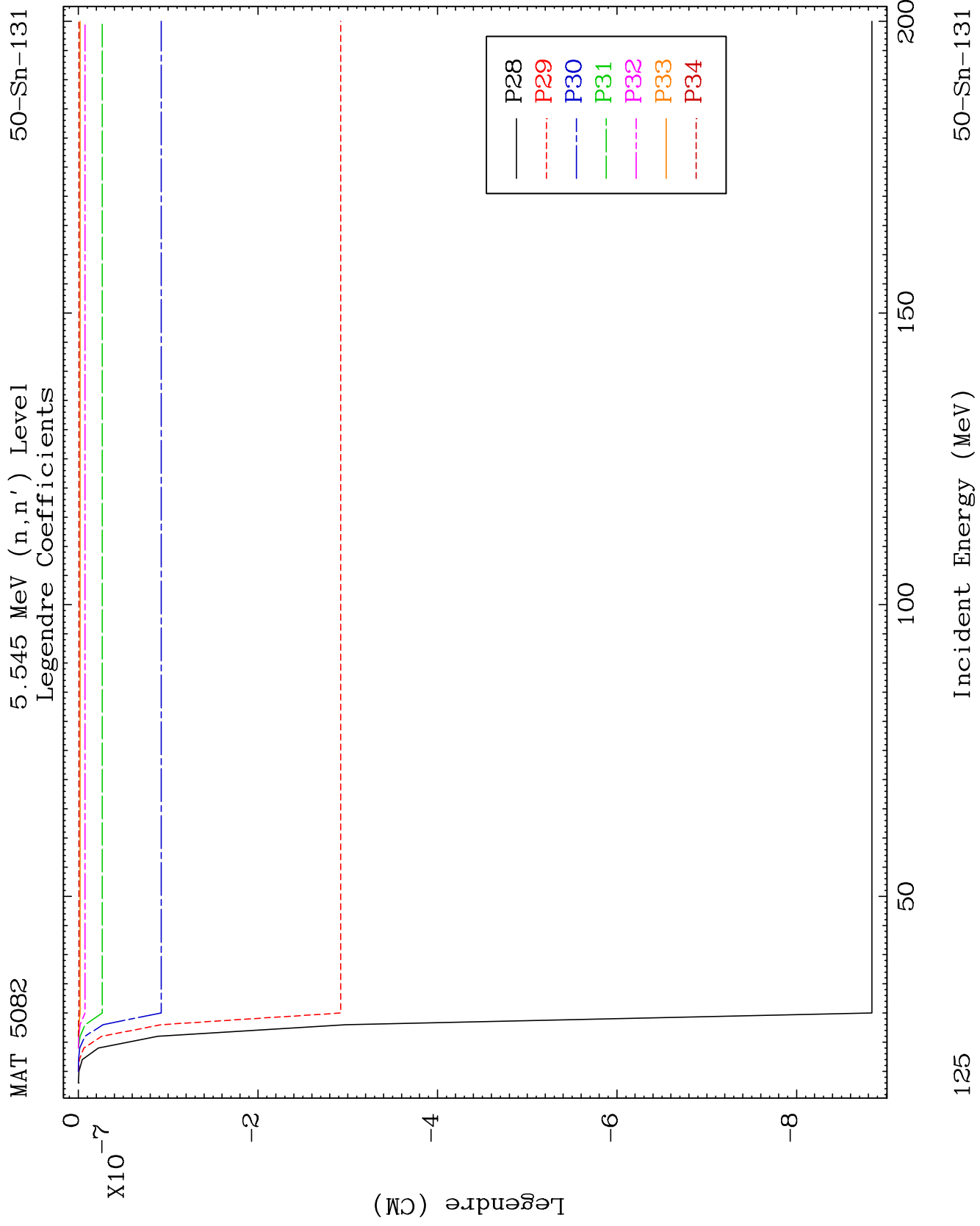
Incident Energy (MeV)

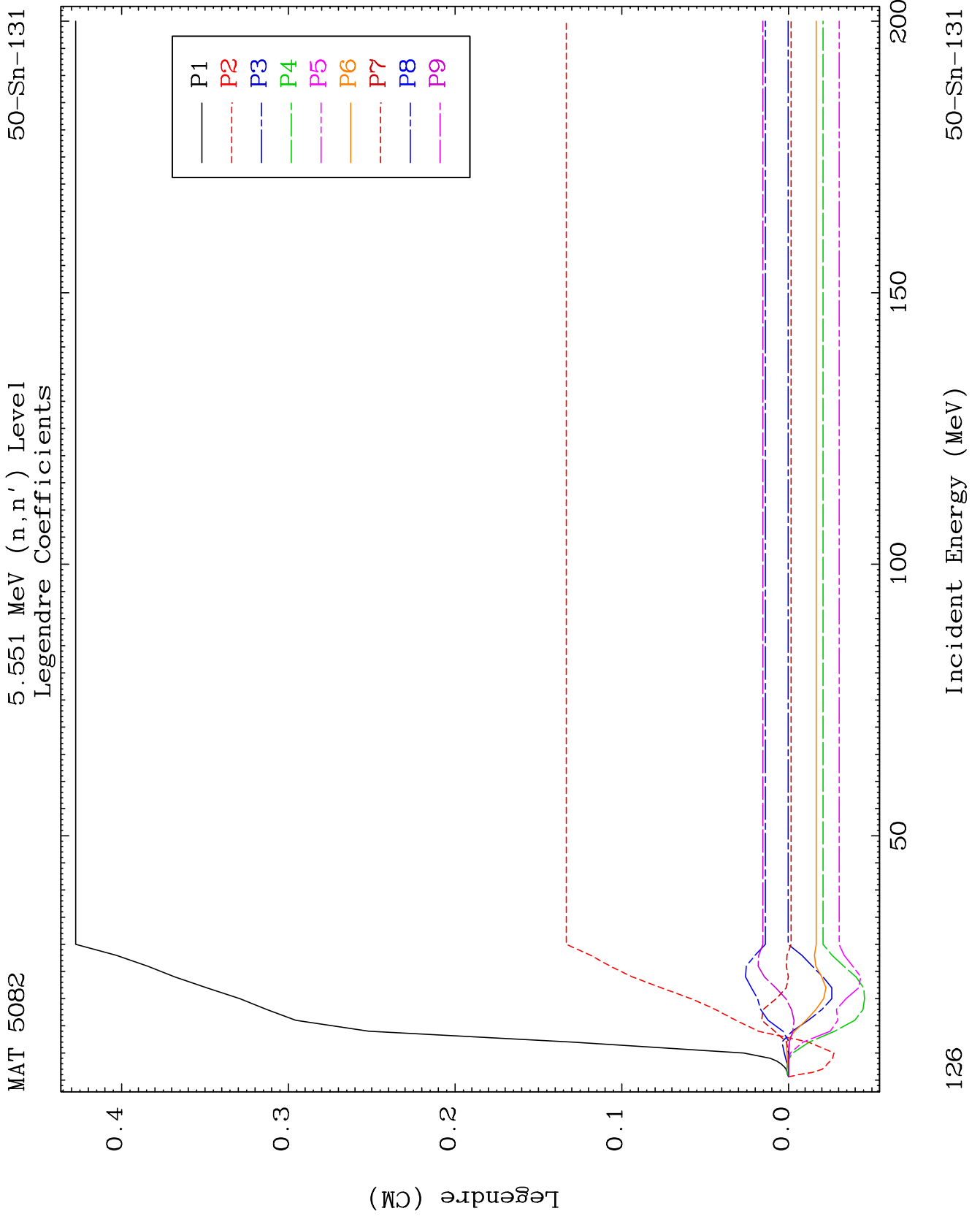
50-Sn-131







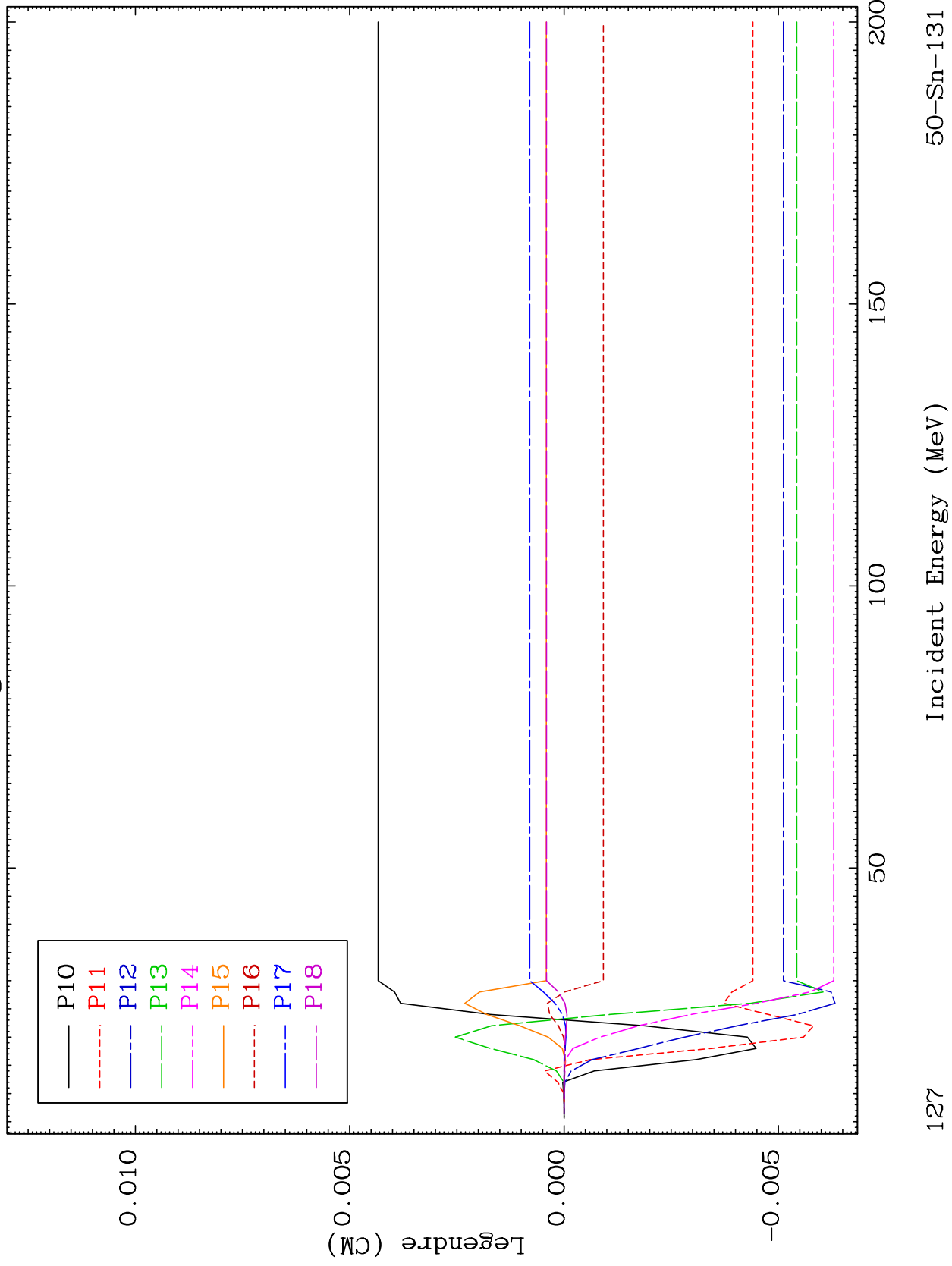




MAT 5082

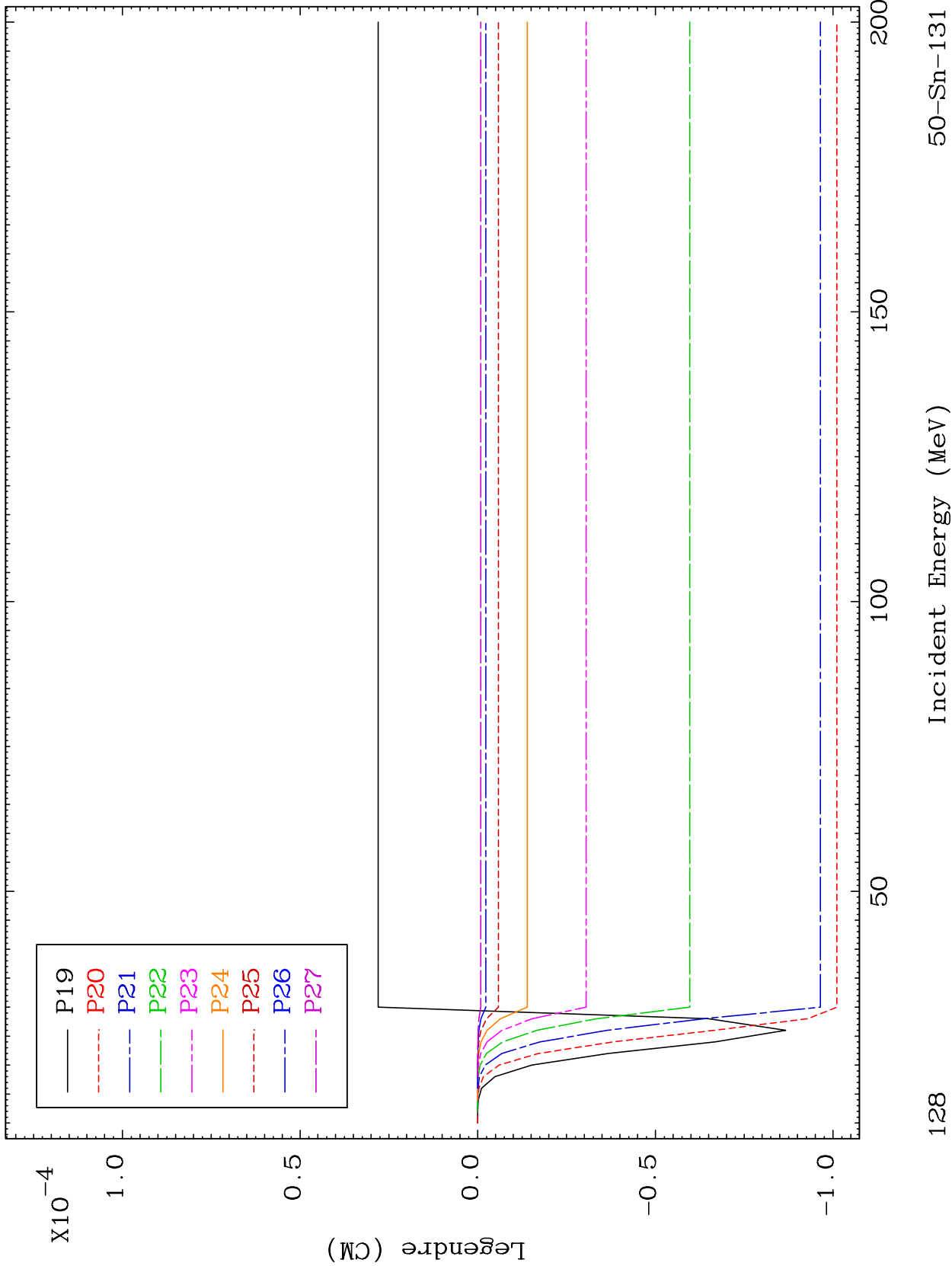
5.551 MeV (n,n') Level
Legendre Coefficients

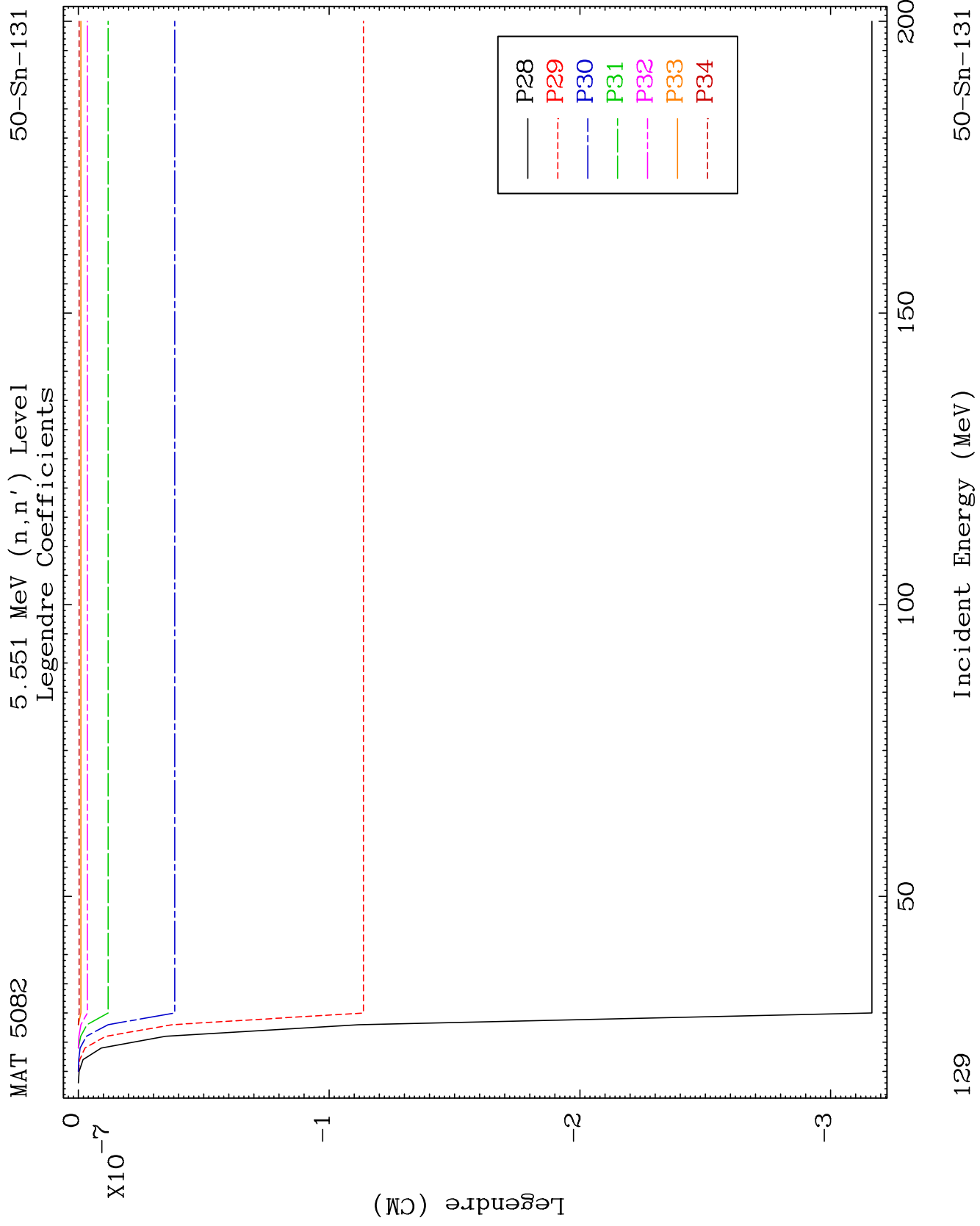
50-Sn-131



127

50-Sn-131

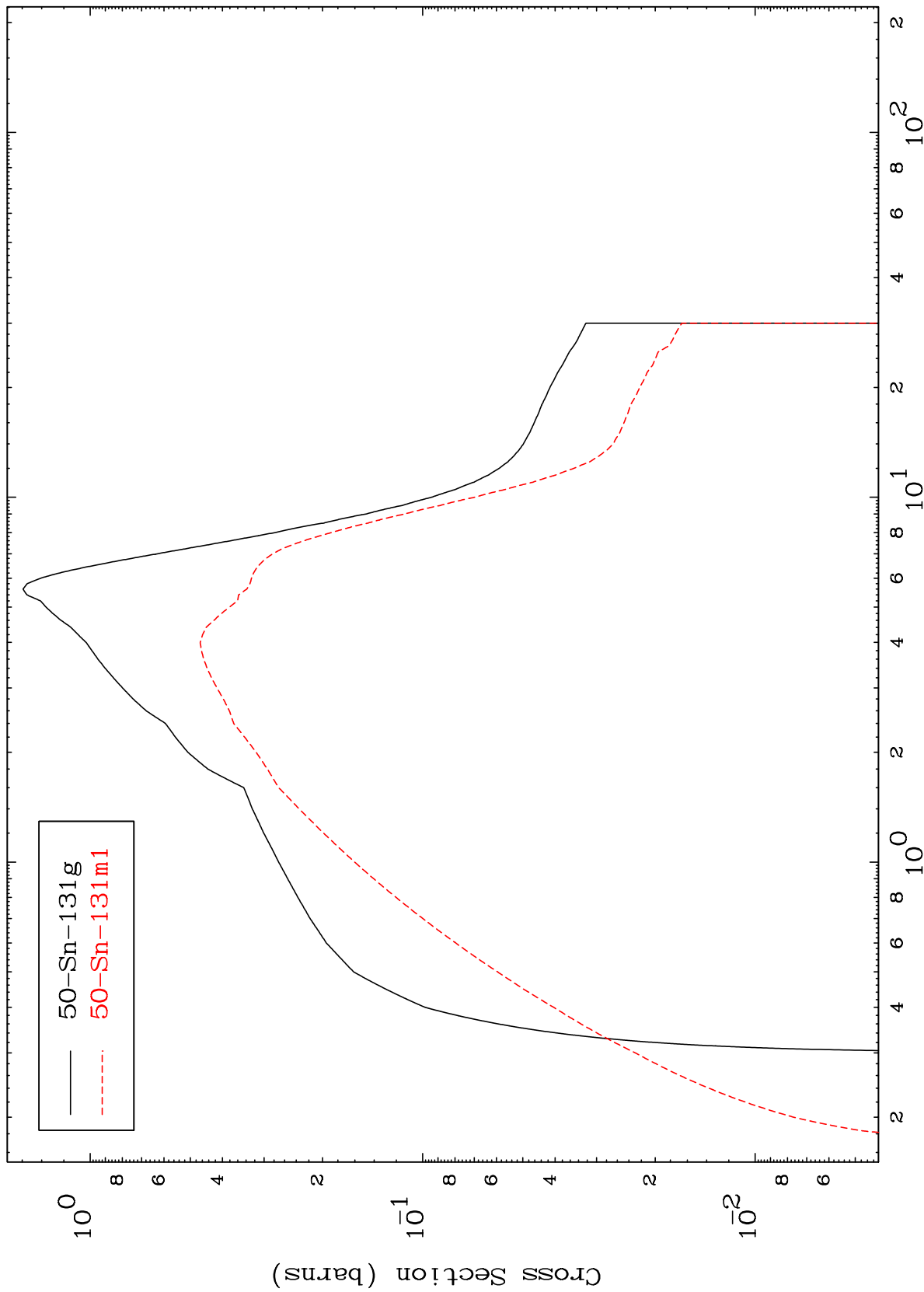




MAT 5082

50-Sn-131

Inelastic
Radionuclide Production Cross Section

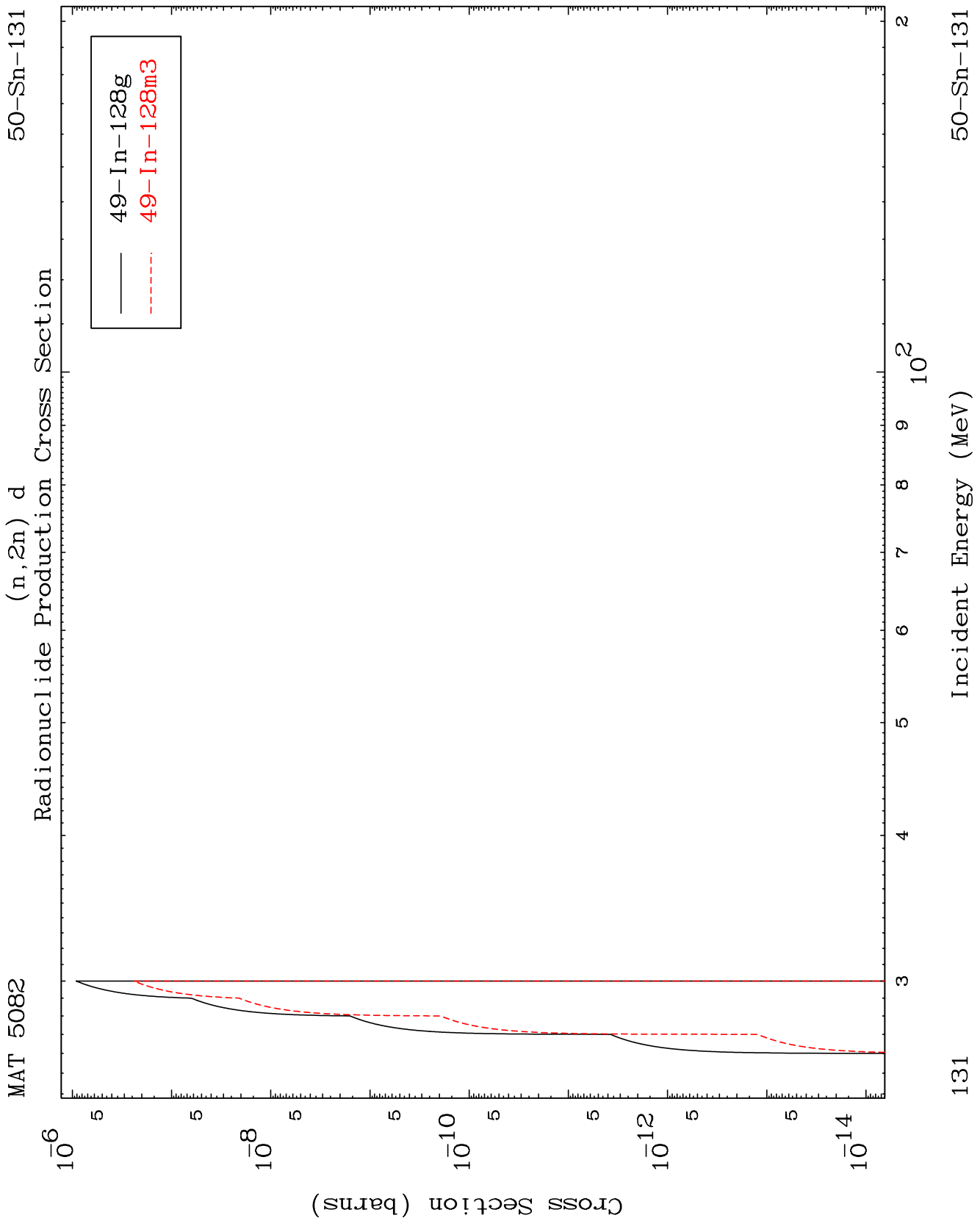


— 50-Sn-131g
- - - 50-Sn-131m1

50-Sn-131

Incident Energy (MeV)

130

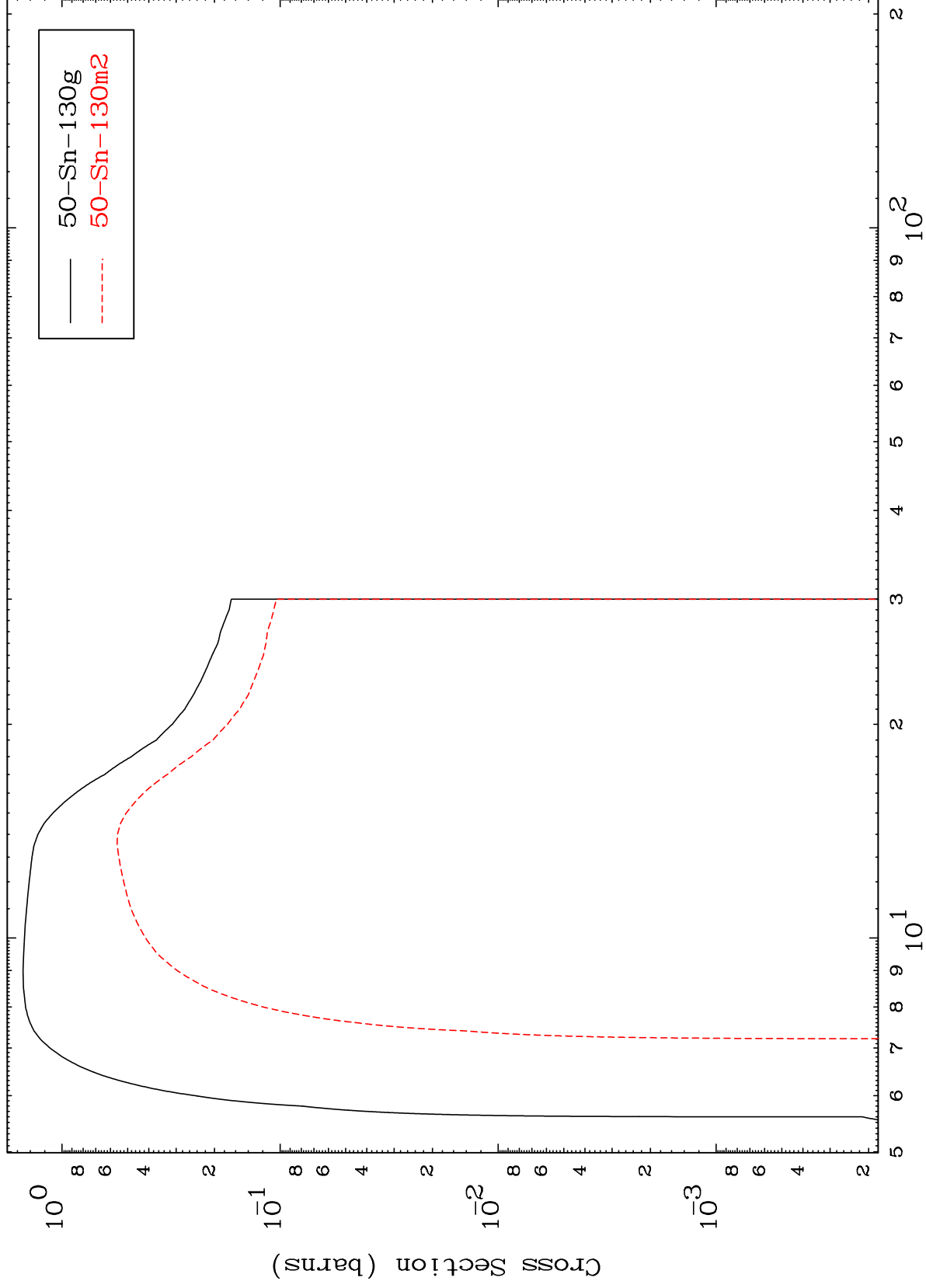


MAT 5082

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



132

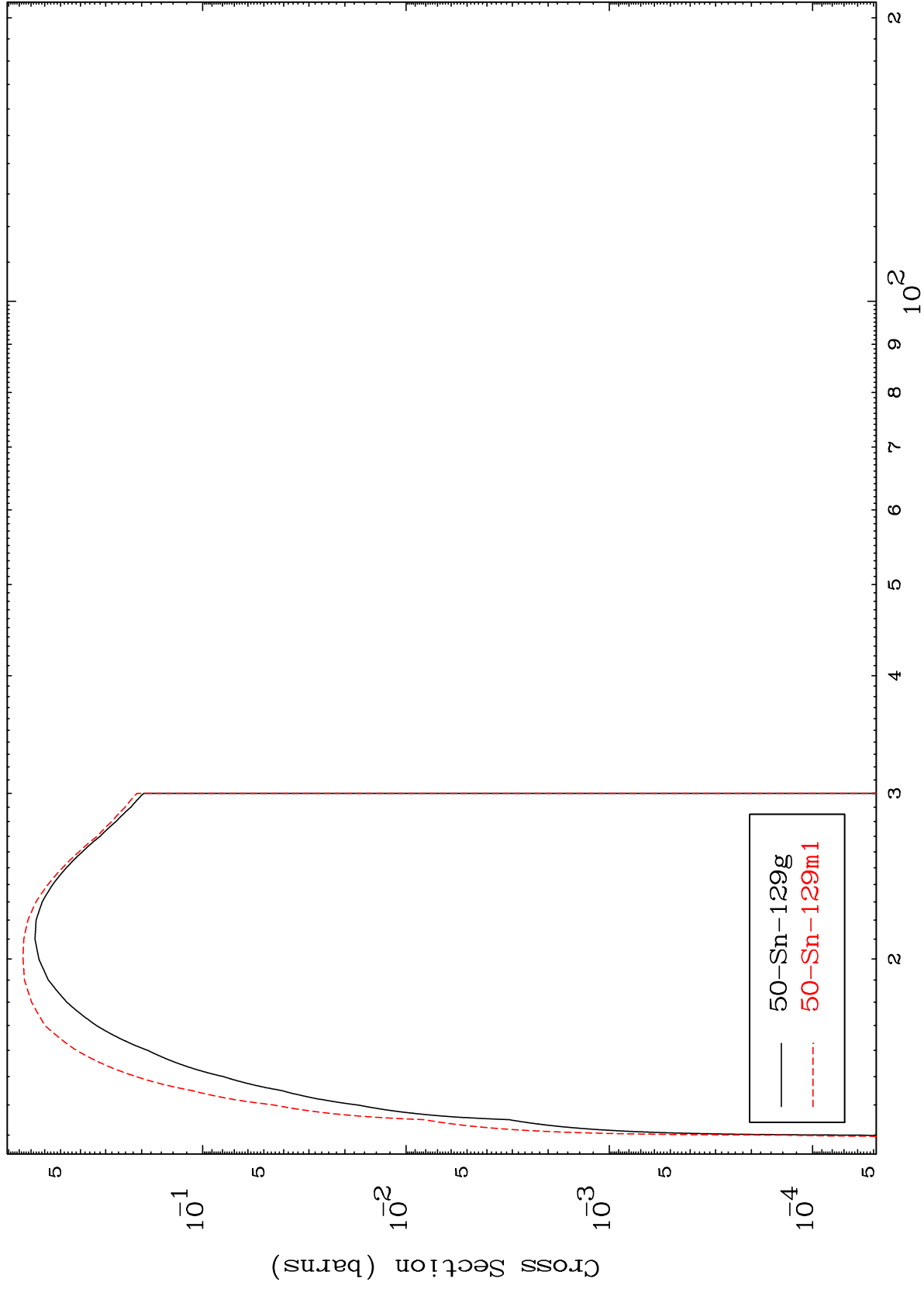
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

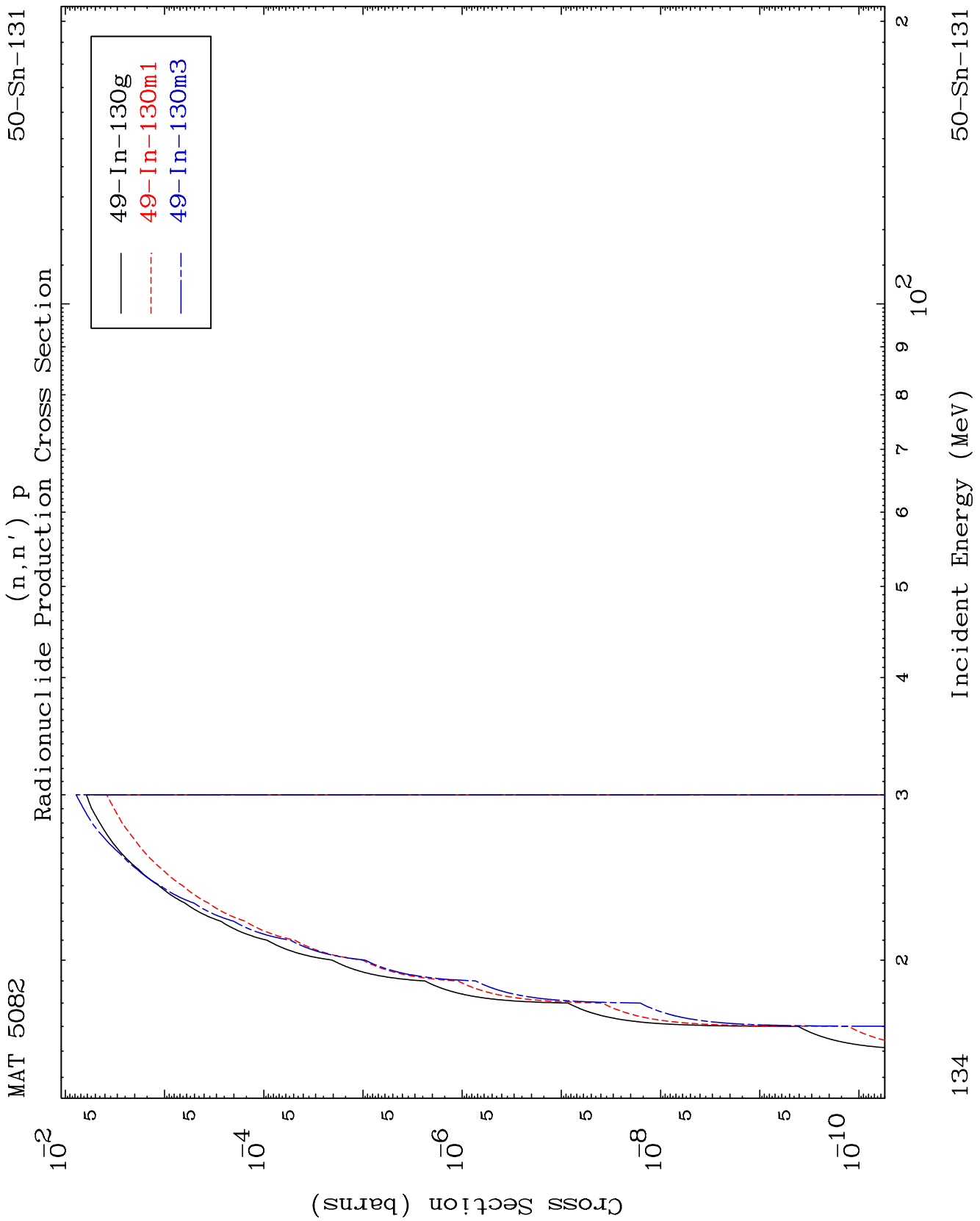
(n,3n)
Radionuclide Production Cross Section



133

Incident Energy (MeV)

50-Sn-131

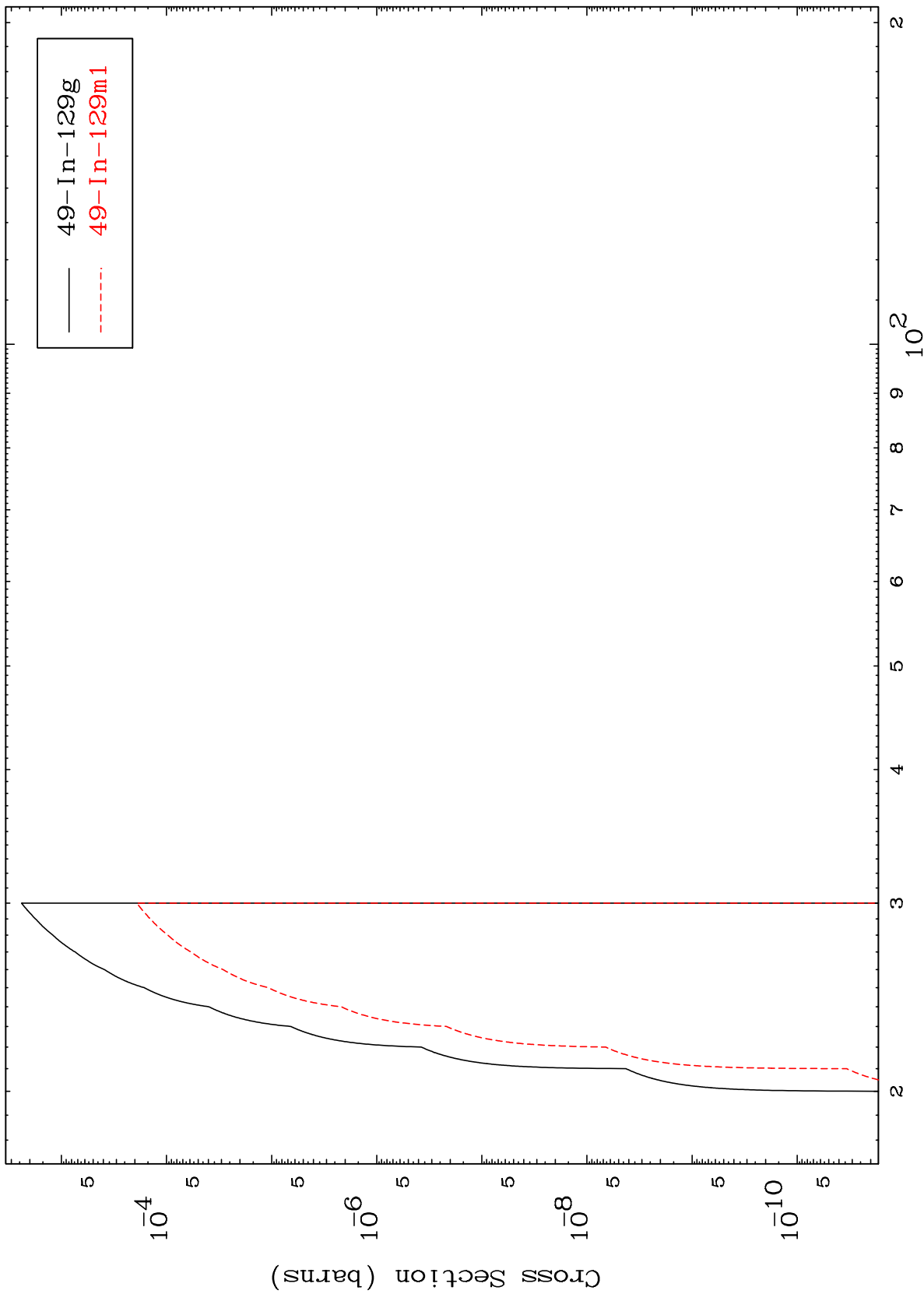


MAT 5082

(n,n') d

50-Sn-131

Radionuclide Production Cross Section



135

Incident Energy (MeV)

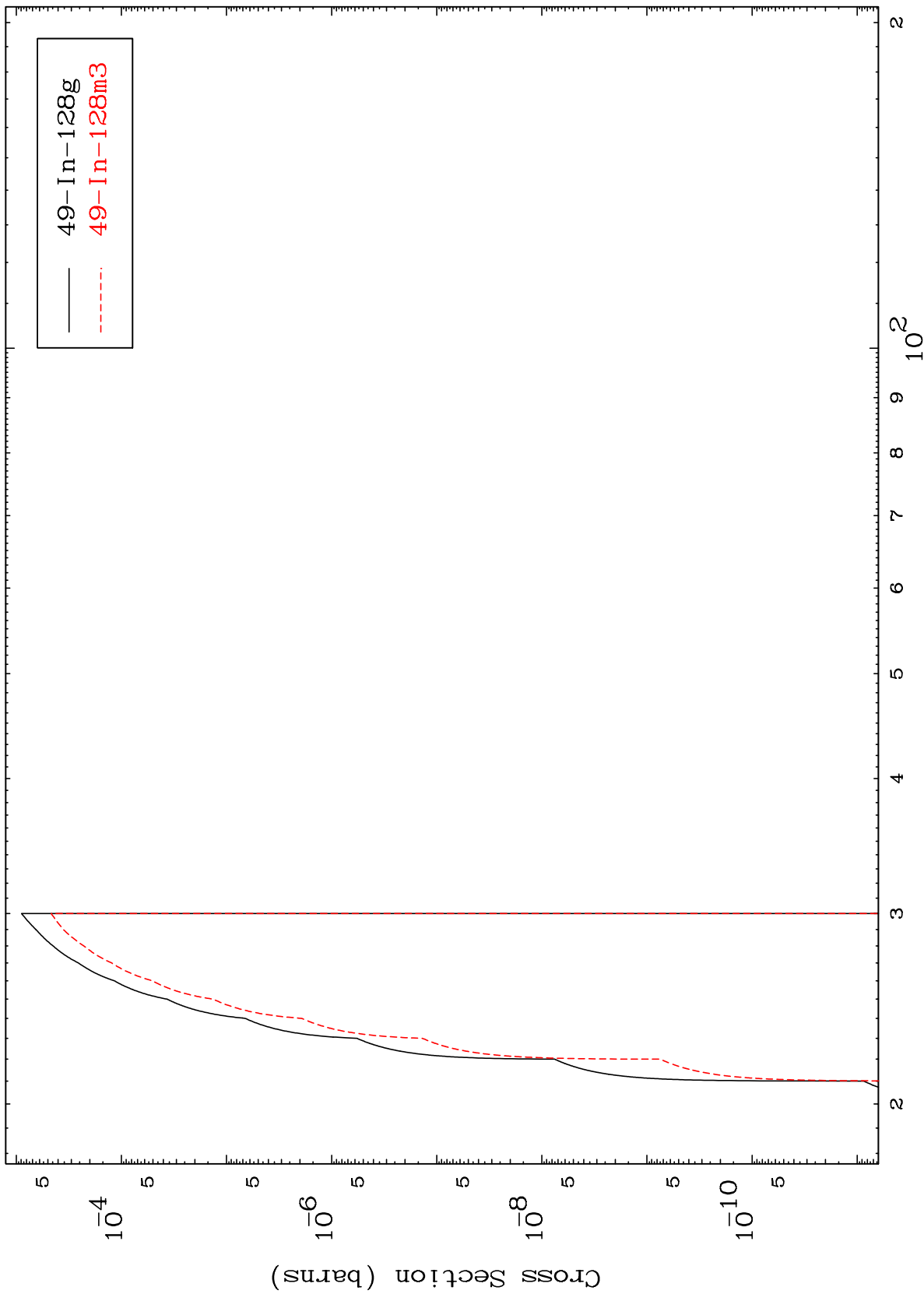
50-Sn-131

MAT 5082

(n,n') t

50-Sn-131

Radionuclide Production Cross Section



136

Incident Energy (MeV)

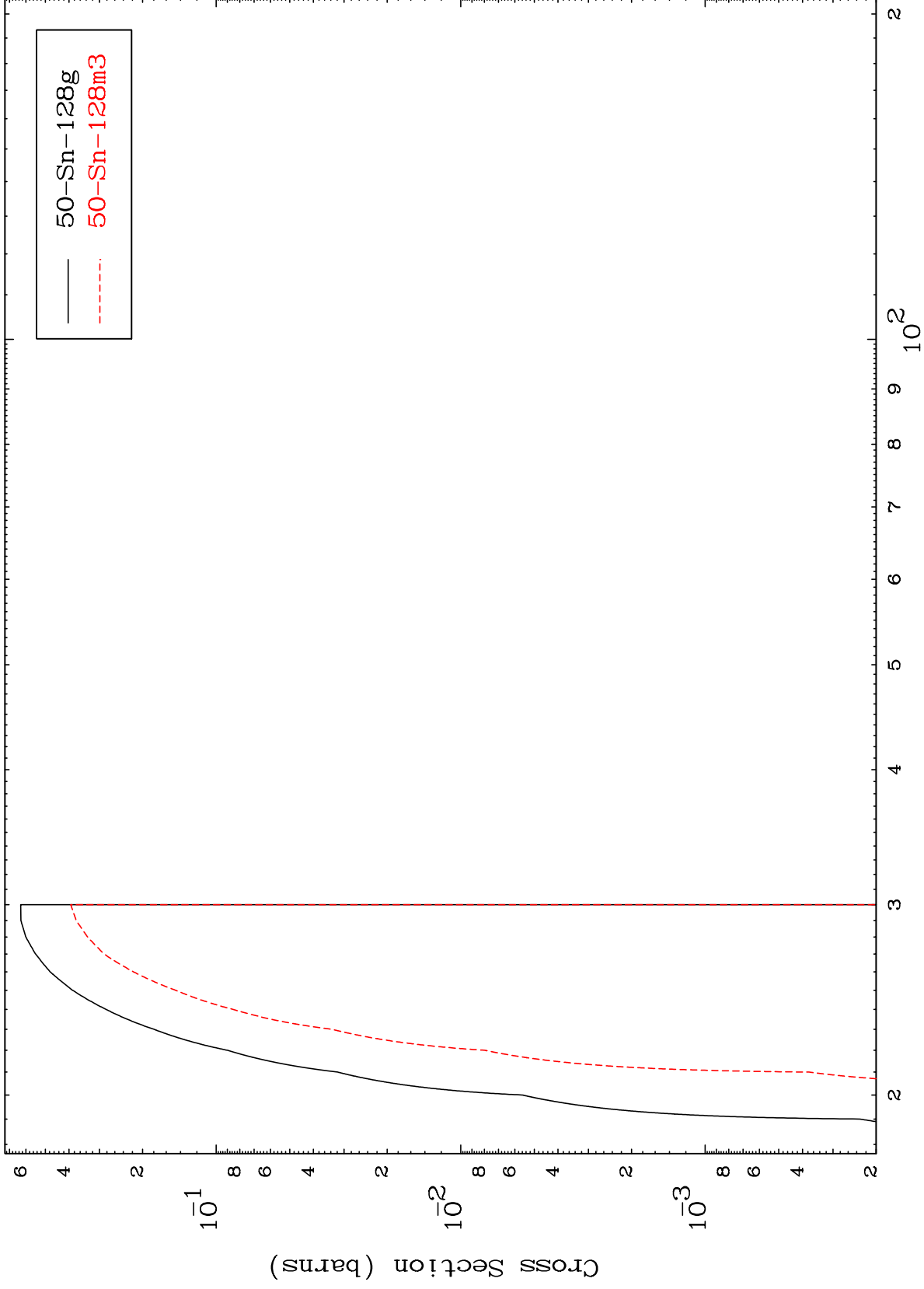
50-Sn-131

MAT 5082

(n,4n)

50-Sn-131

Radionuclide Production Cross Section



137

Incident Energy (MeV)

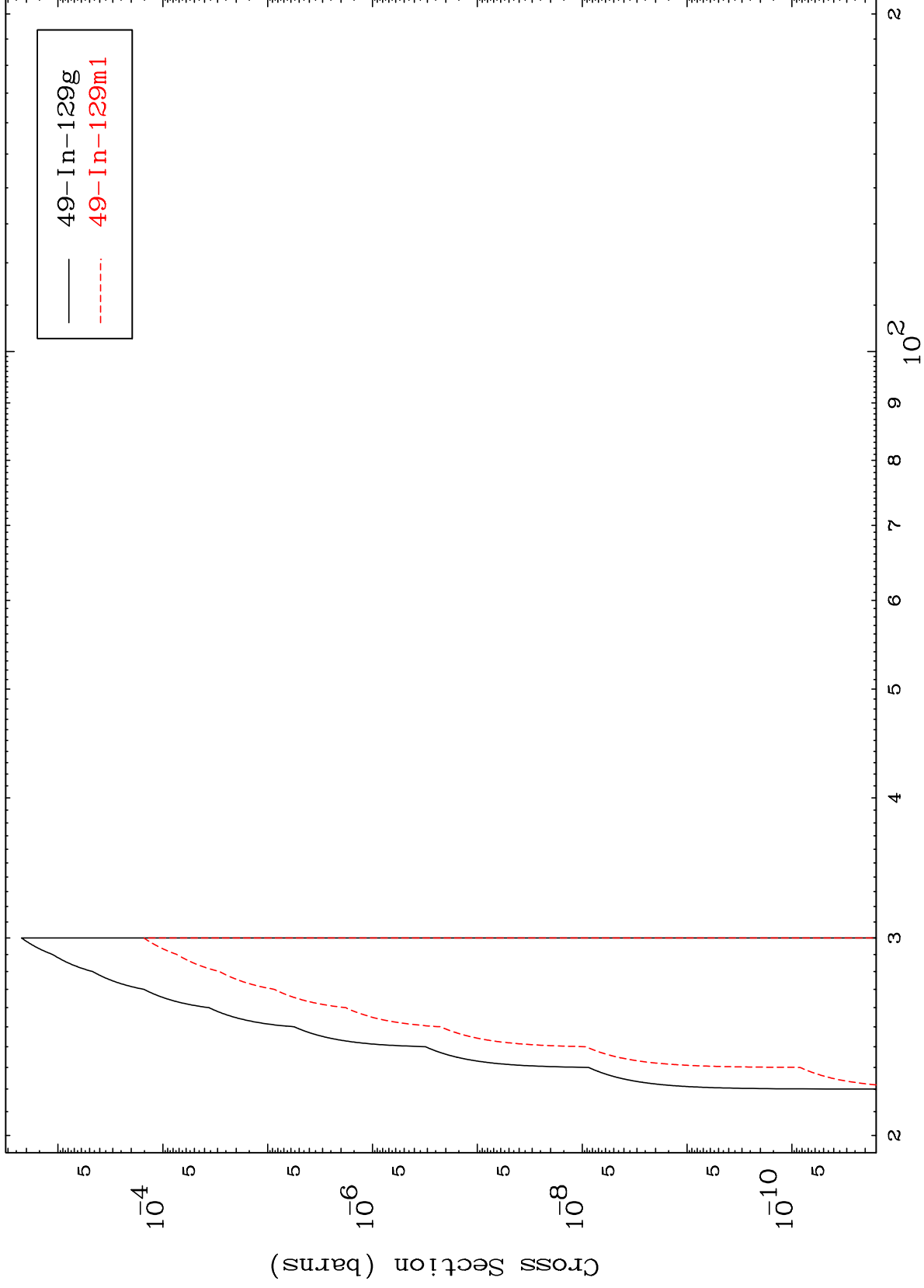
50-Sn-131

MAT 5082

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



138

Incident Energy (MeV)

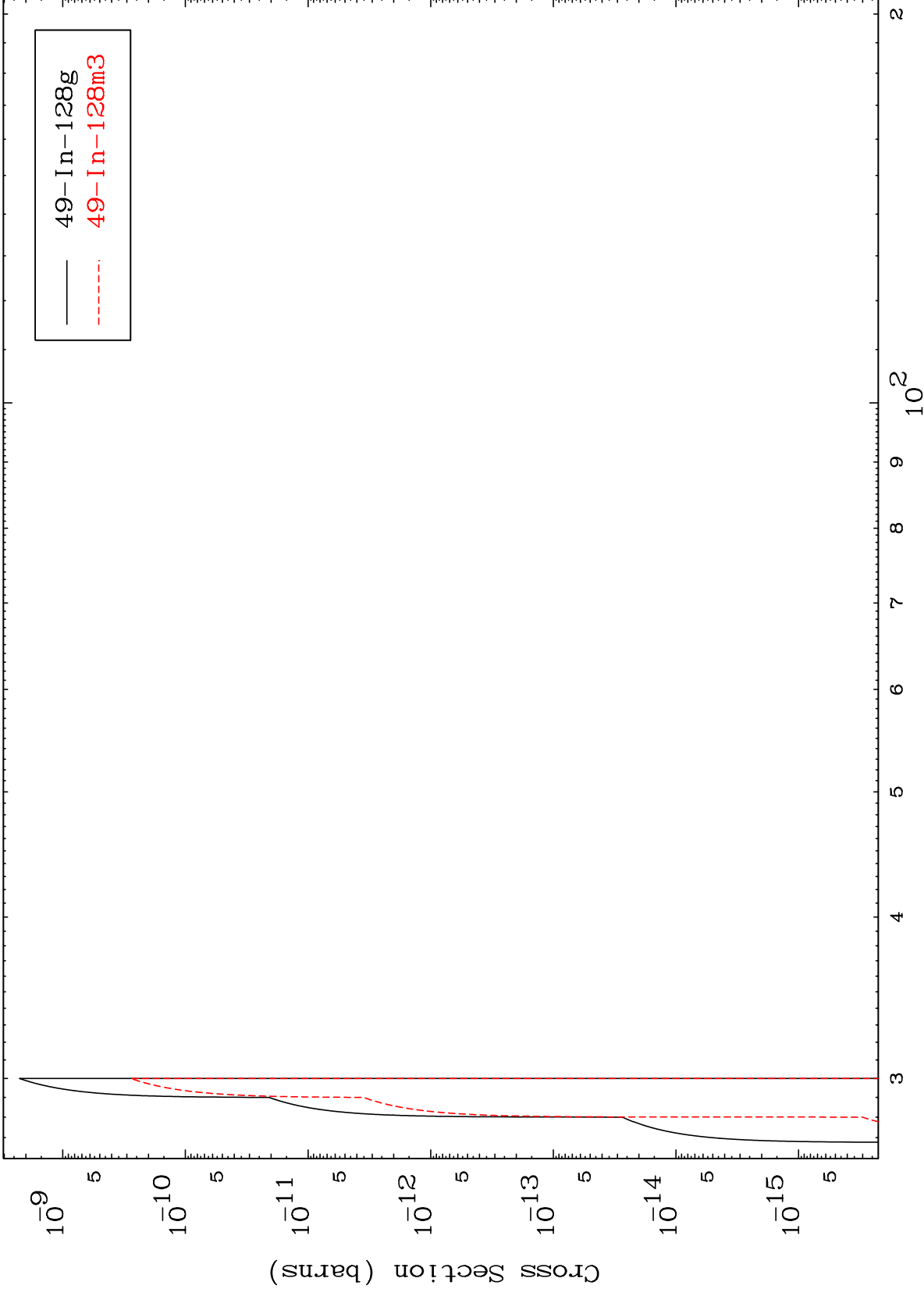
50-Sn-131

MAT 5082

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



139

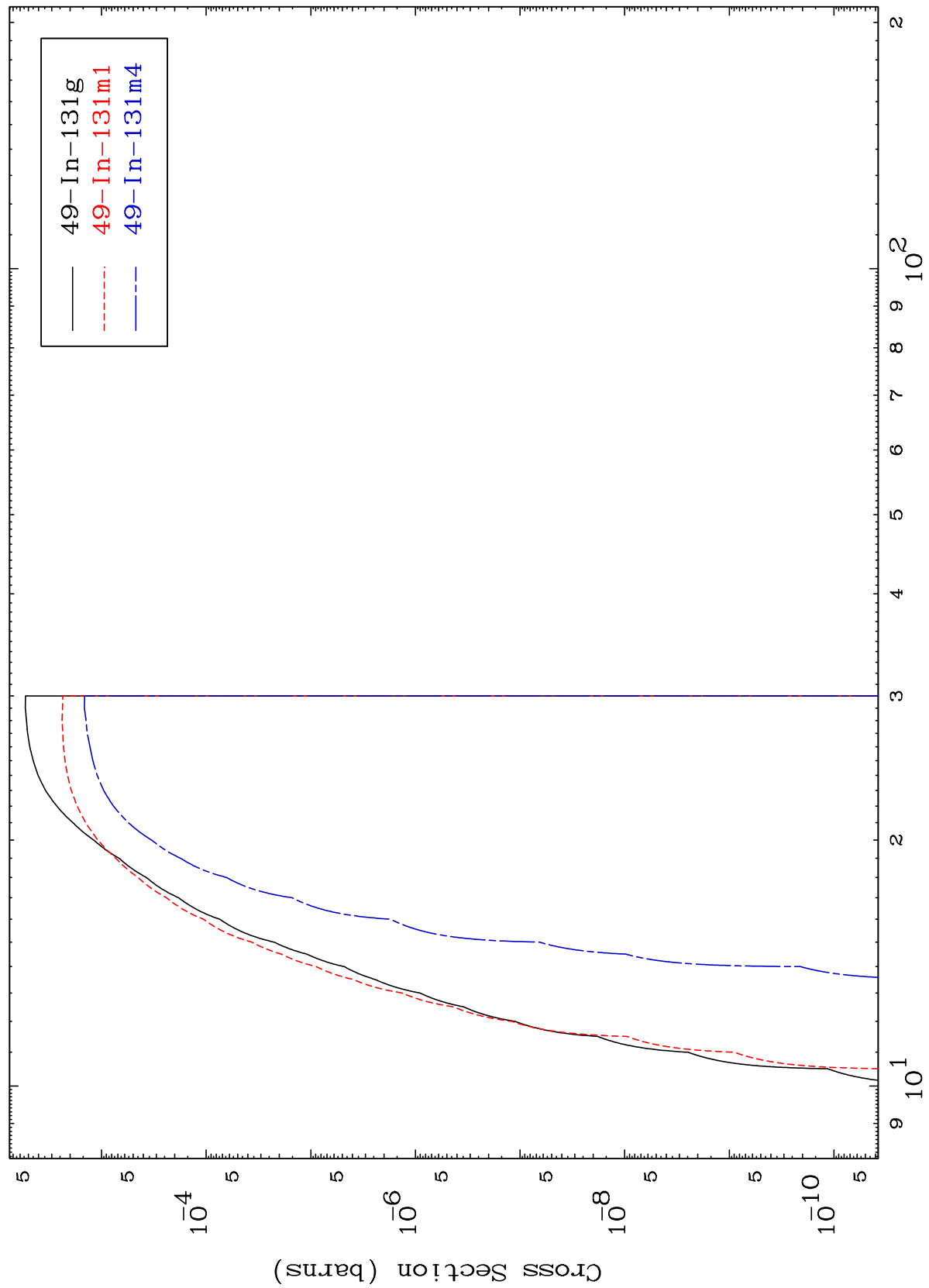
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,p)
Radionuclide Production Cross Section



50-Sn-131

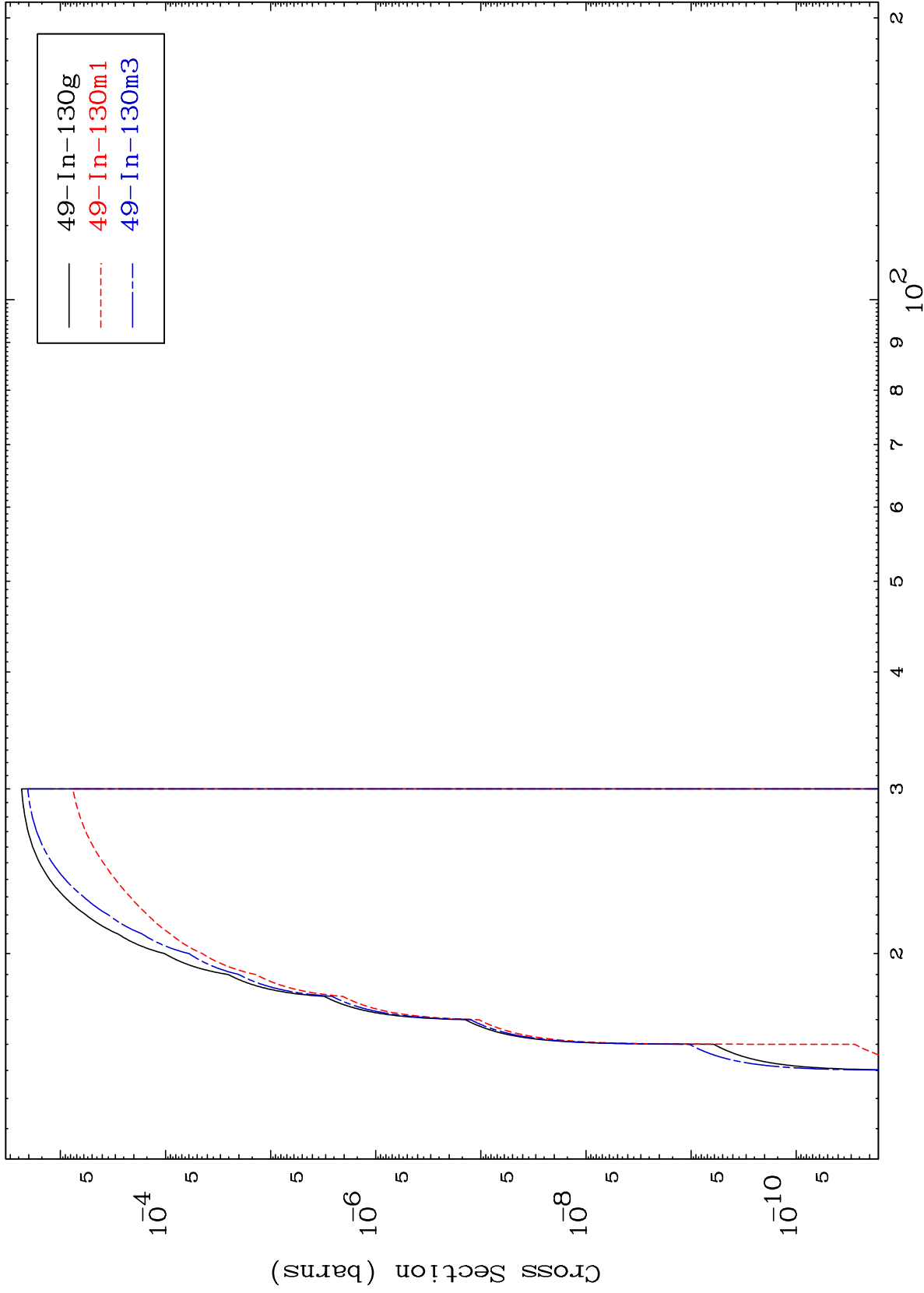
Incident Energy (MeV)

140

MAT 5082

50-Sn-131

(n,d)
Radionuclide Production Cross Section



141

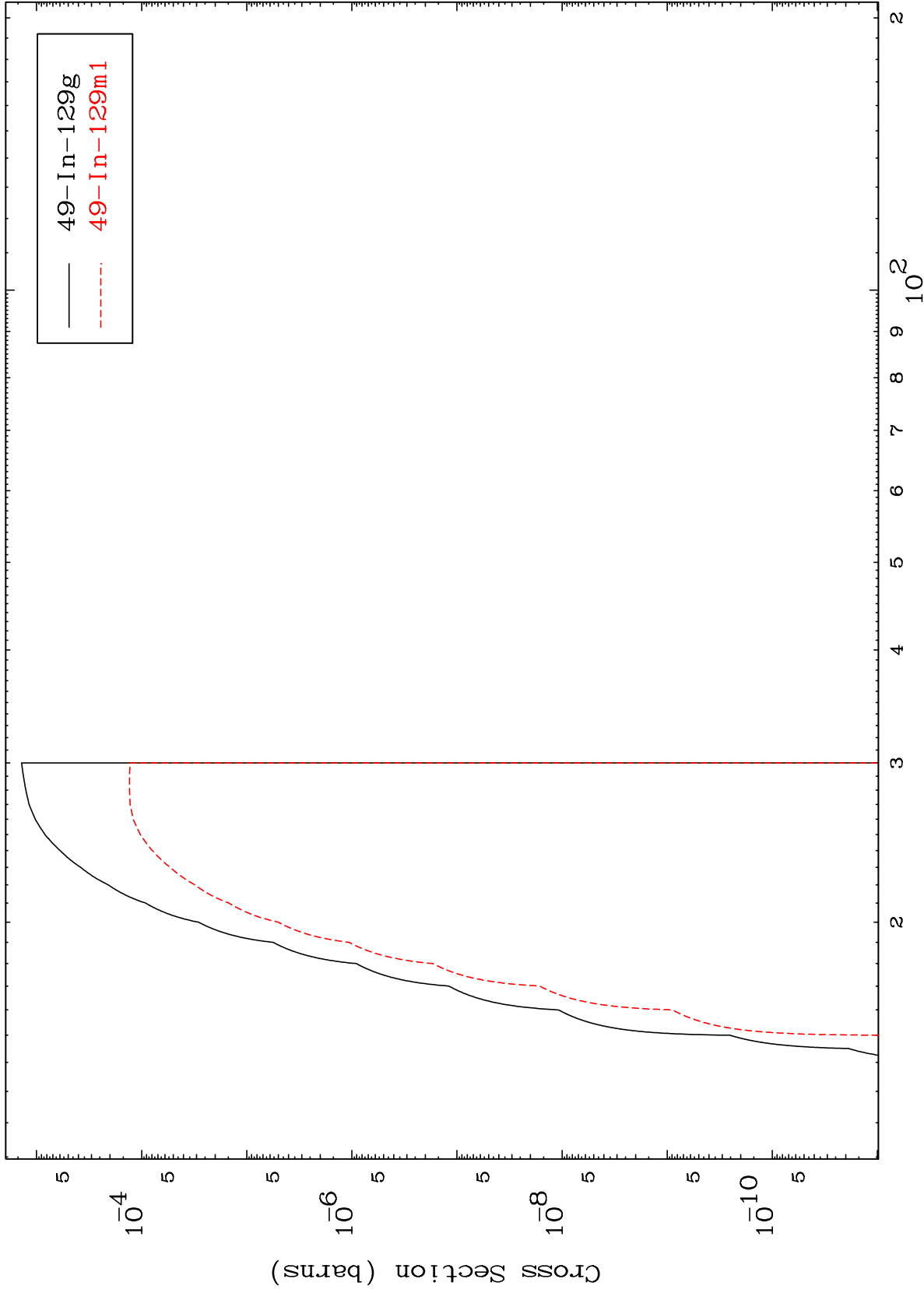
Incident Energy (MeV)

50-Sn-131

MAT 5082

50-Sn-131

(n,t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

50-Sn-131