

Program EVALPLOT
(Version 2018-1)

by

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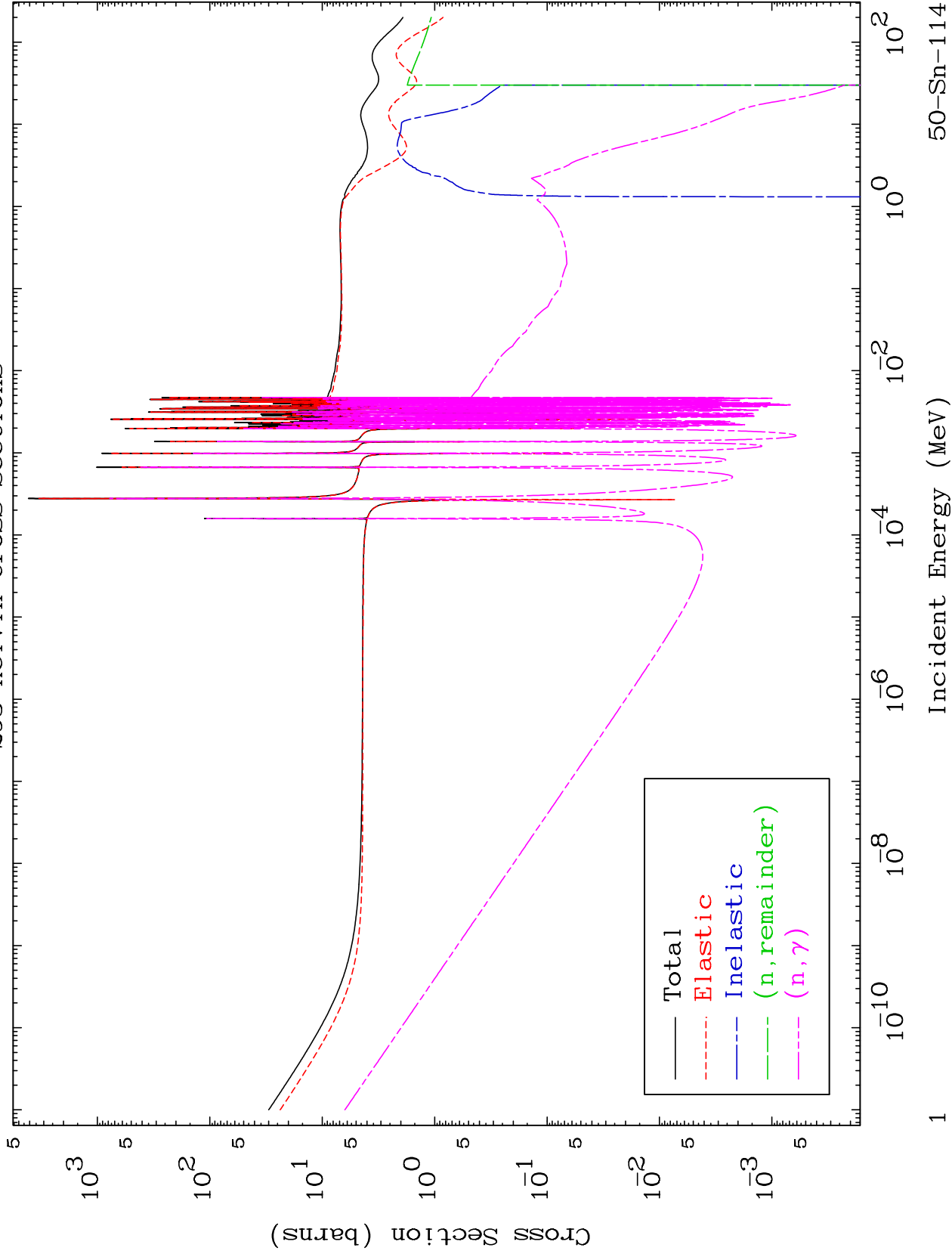
Press Mouse Button to Start

MAT 5031

Major

293 Kelvin Cross Sections

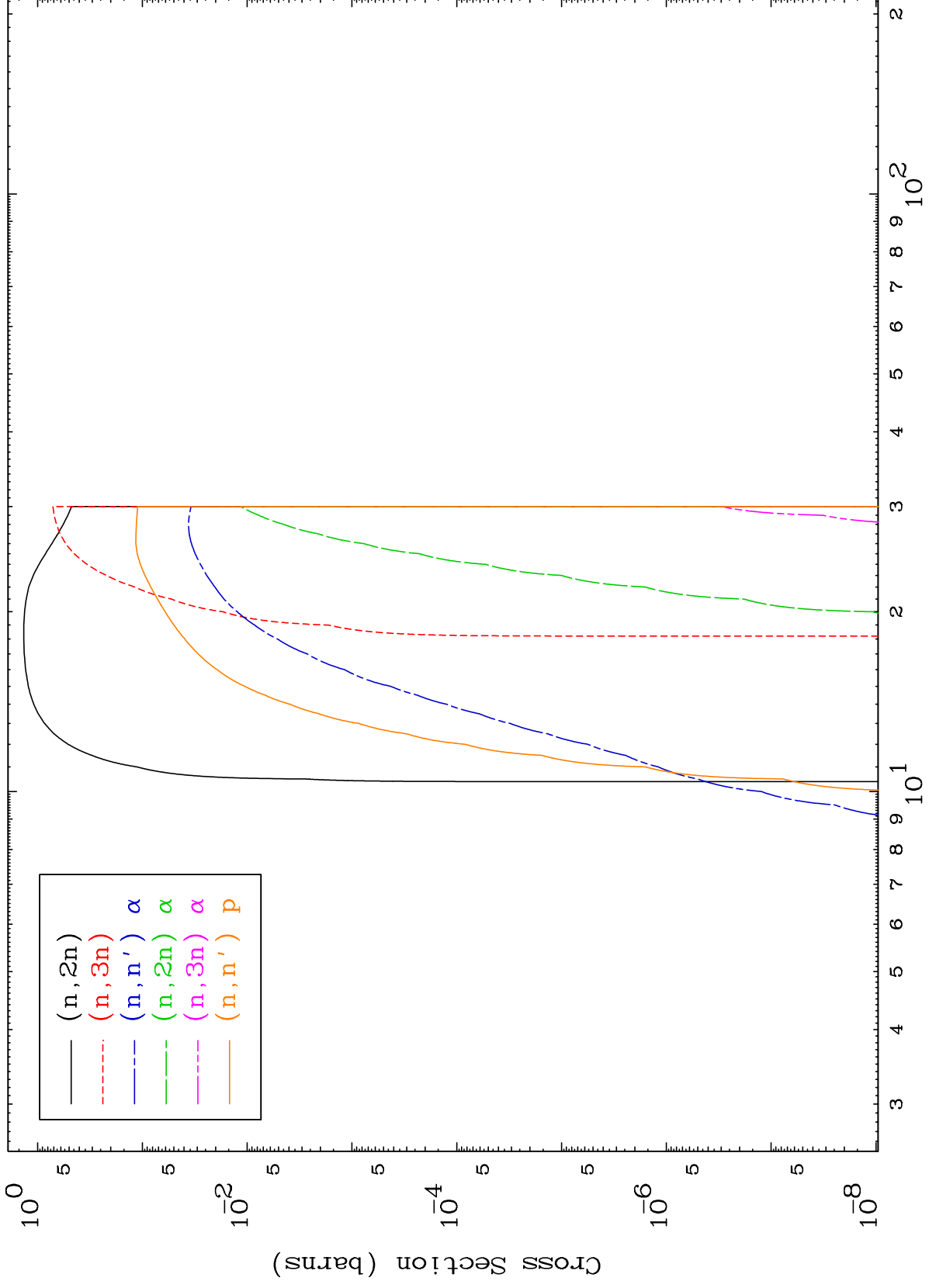
50-Sn-114



MAT 5031

Neutron Production
293 Kelvin Cross Sections

50-Sn-114



2

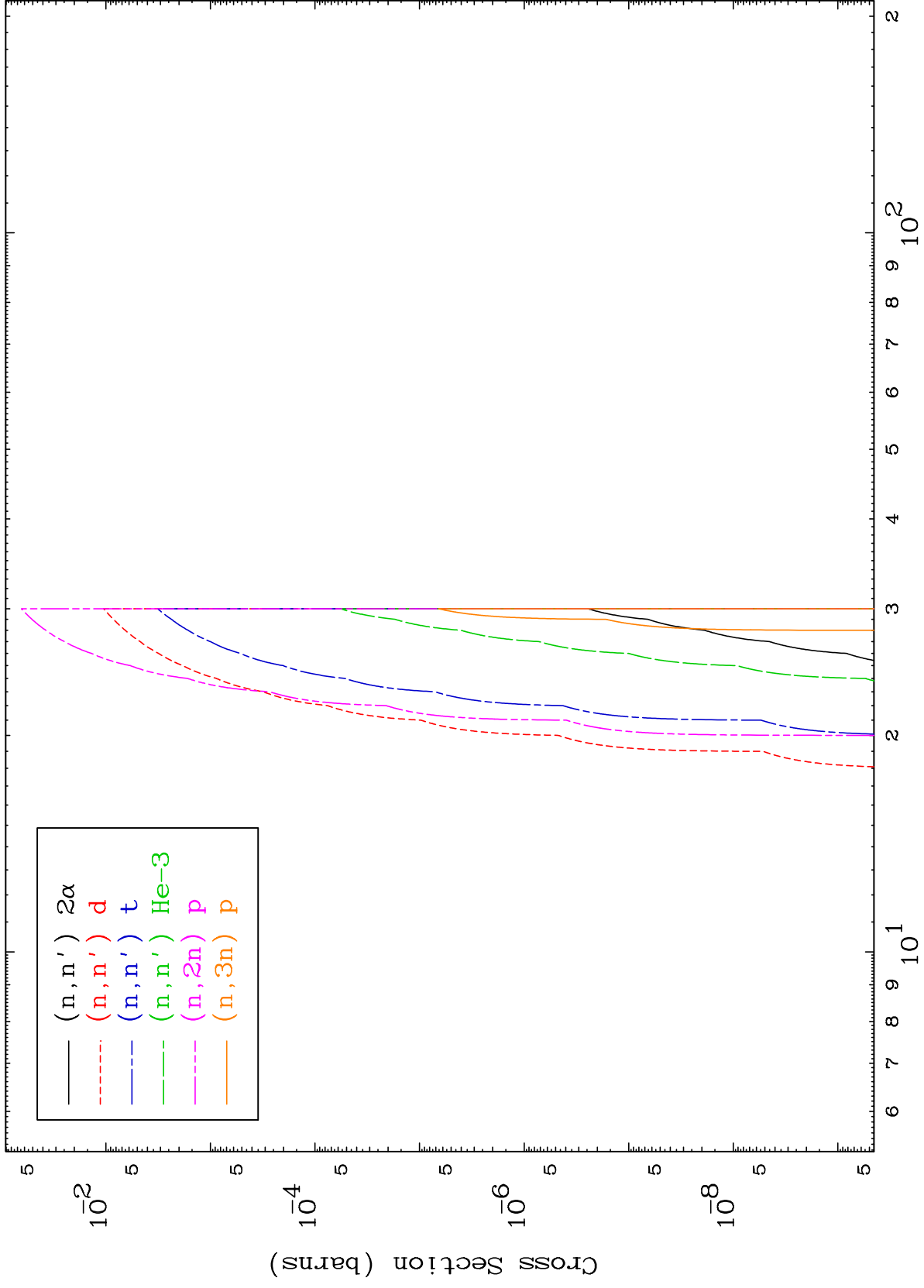
Incident Energy (MeV)

50-Sn-114

MAT 5031

Neutron Production
293 Kelvin Cross Sections

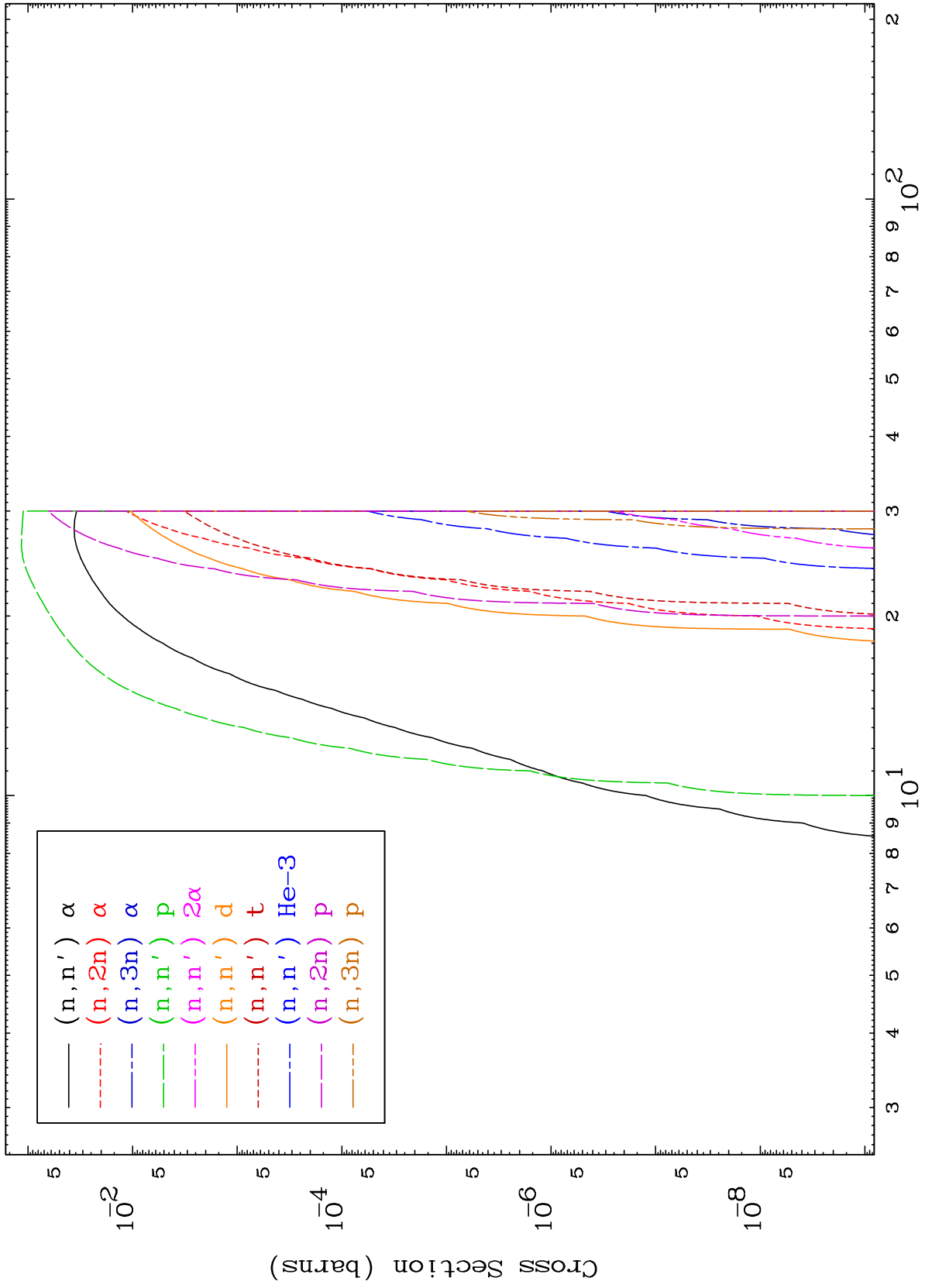
50-Sn-114



3

Incident Energy (MeV)

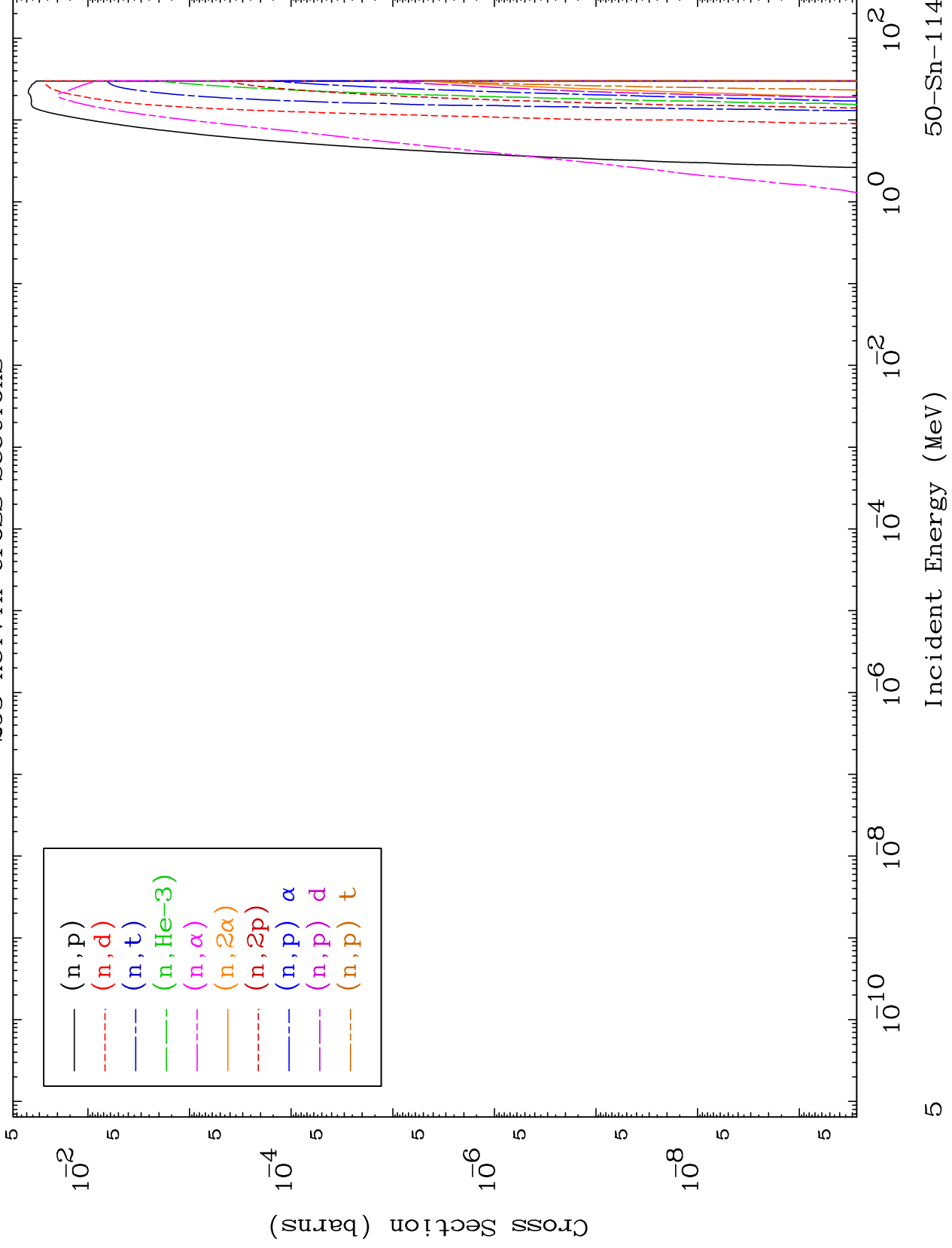
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

50-Sn-114



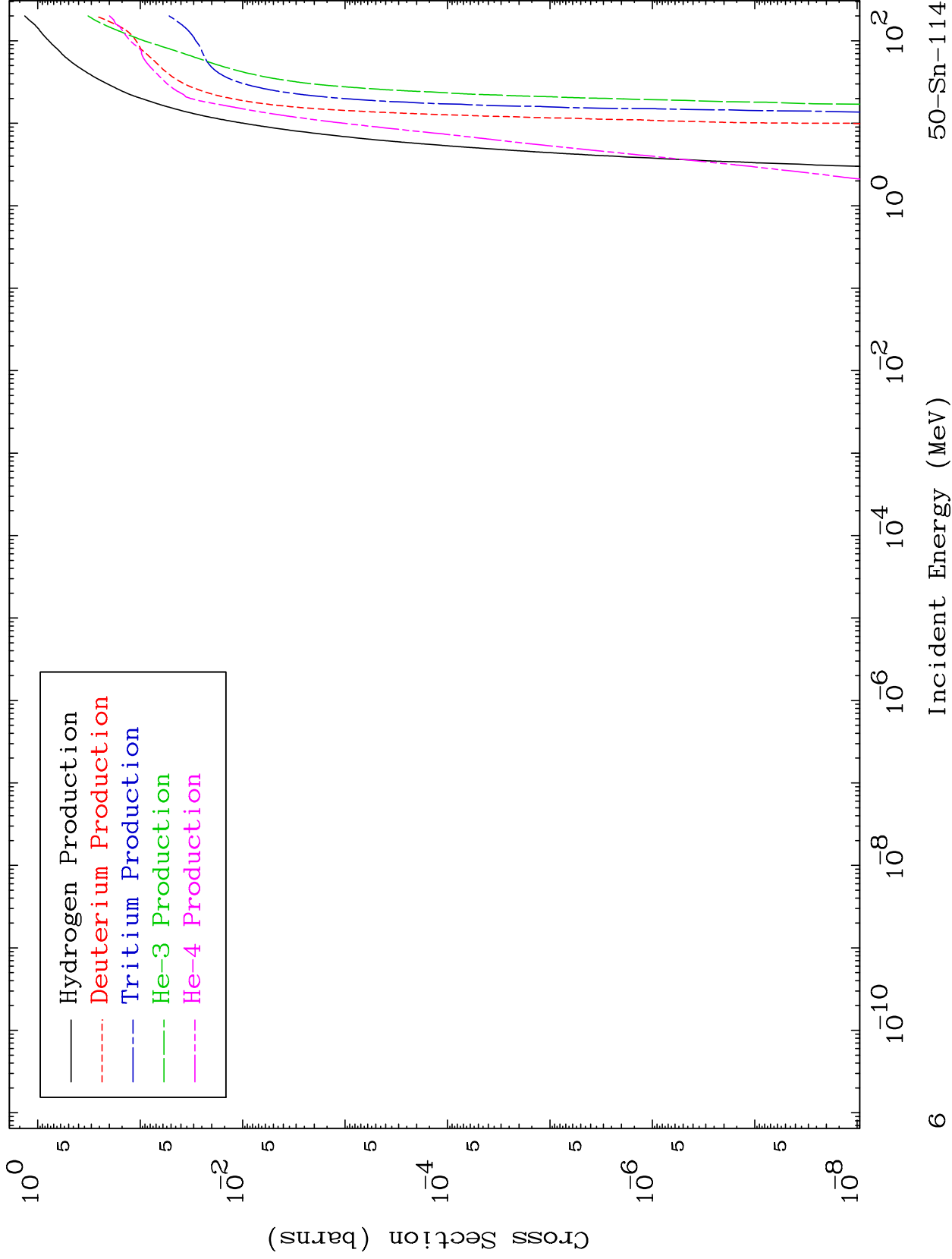
5

50-Sn-114

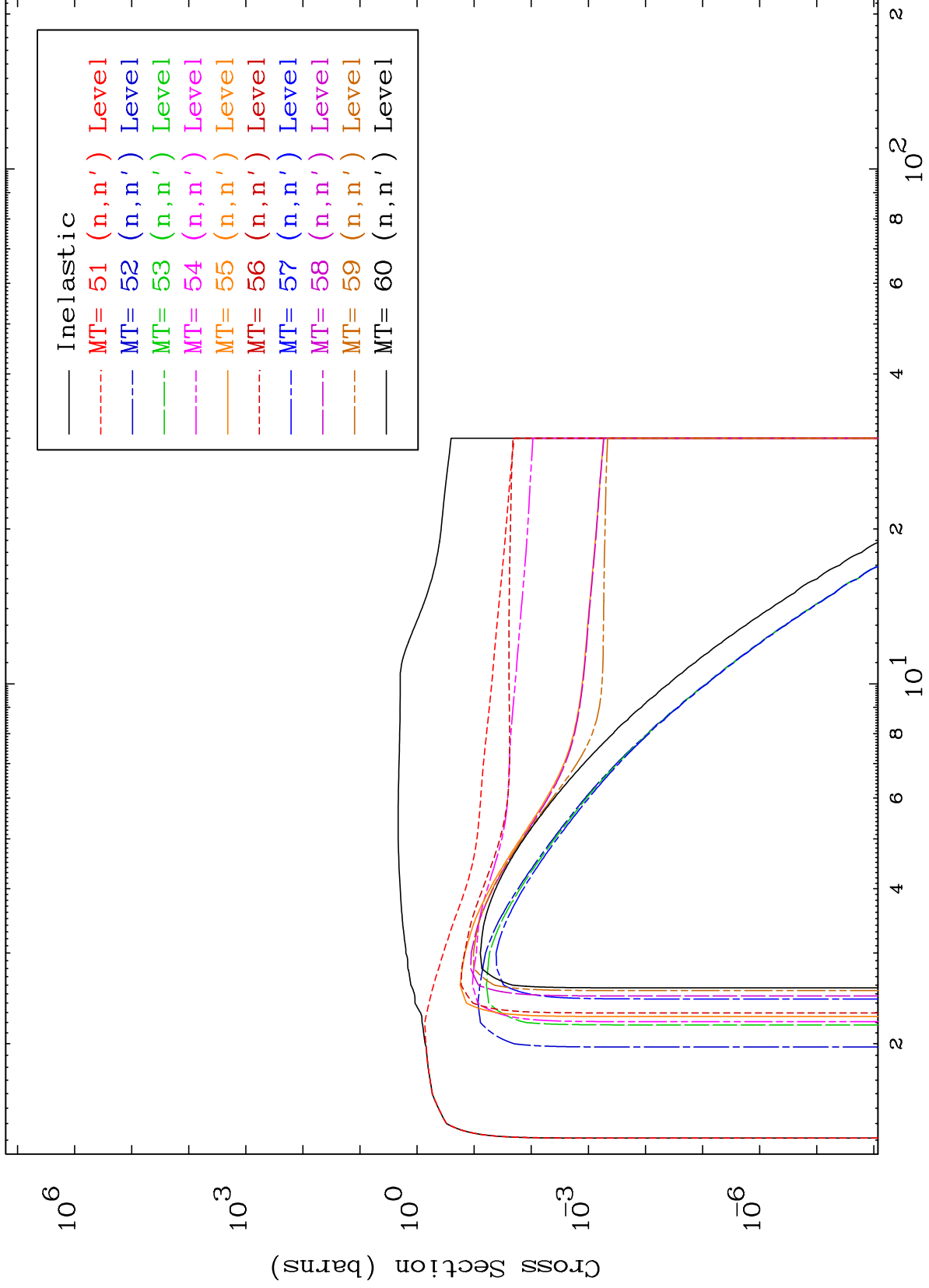
MAT 5031

Particle Production
293 Kelvin Cross Sections

50-Sn-114



293 Kelvin Cross Sections

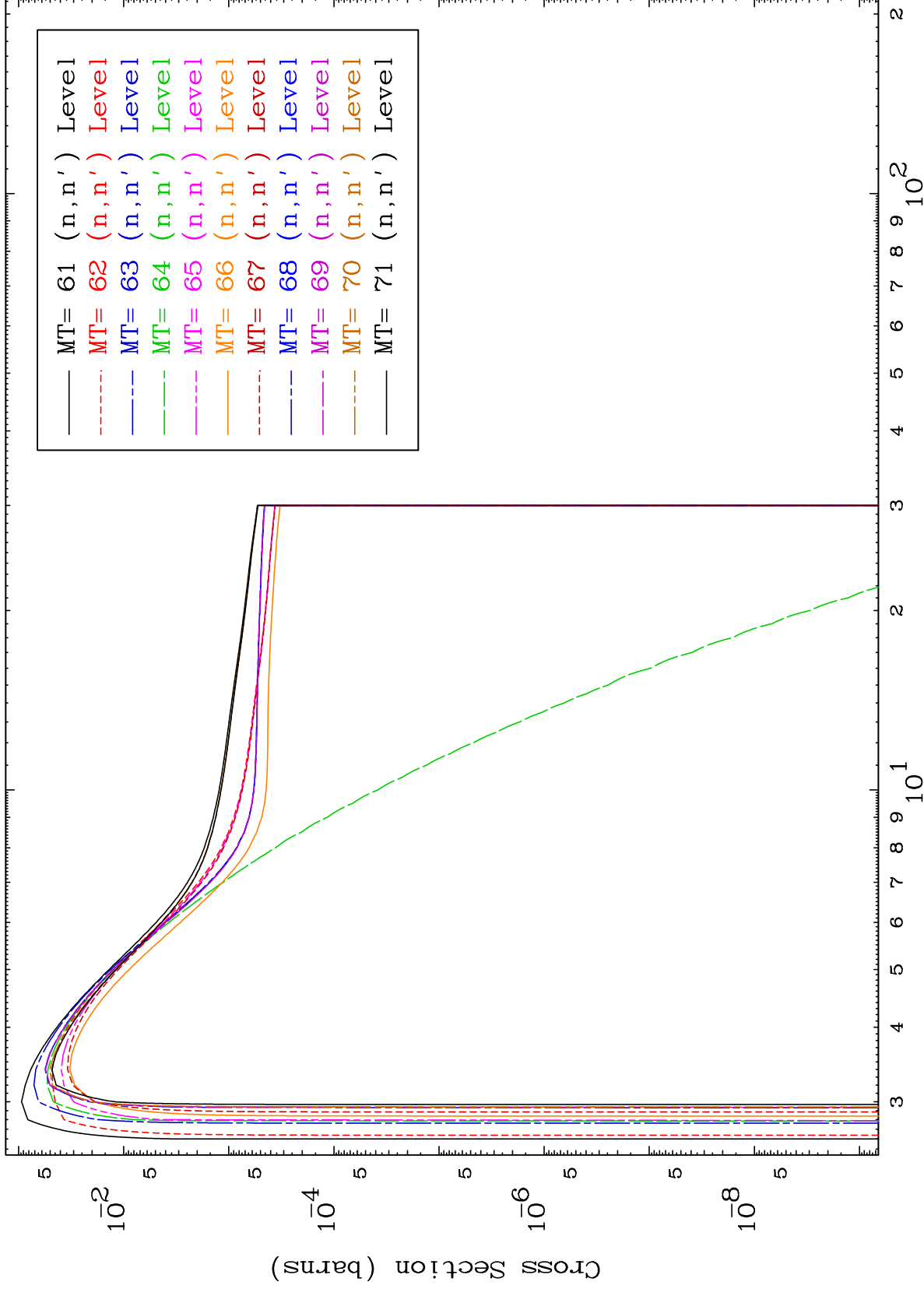


MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

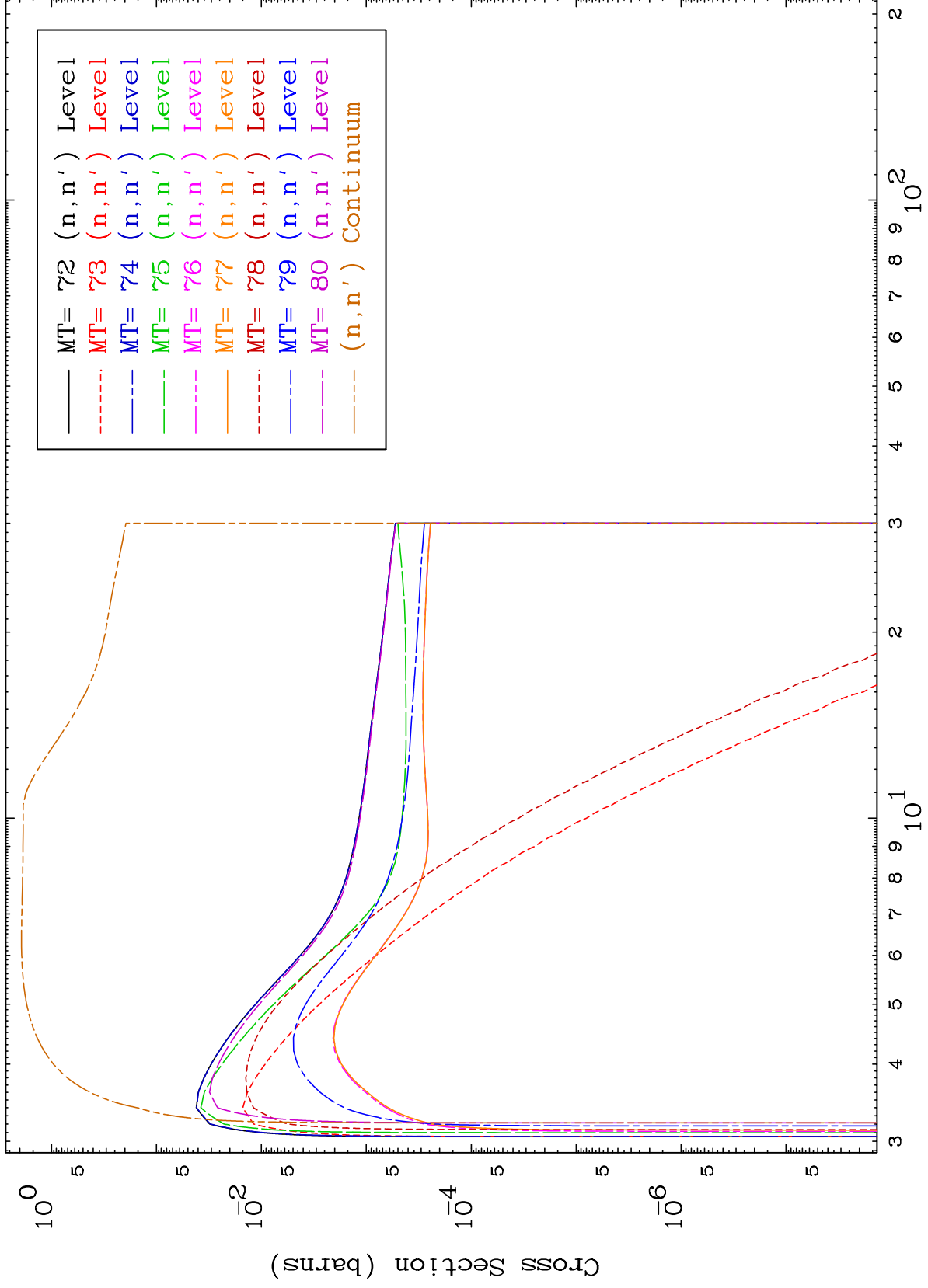
50-Sn-114

MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



9

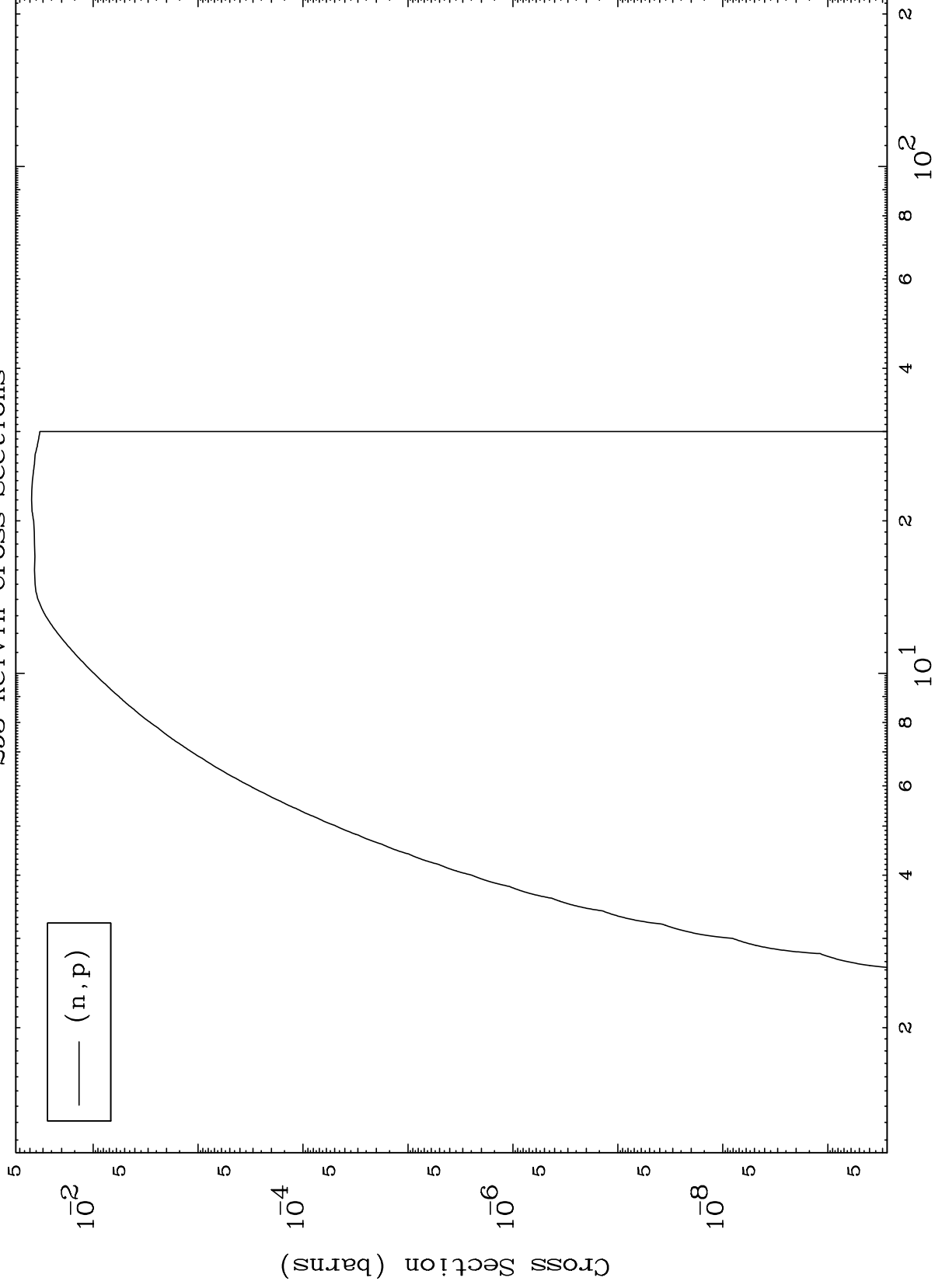
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-114



10

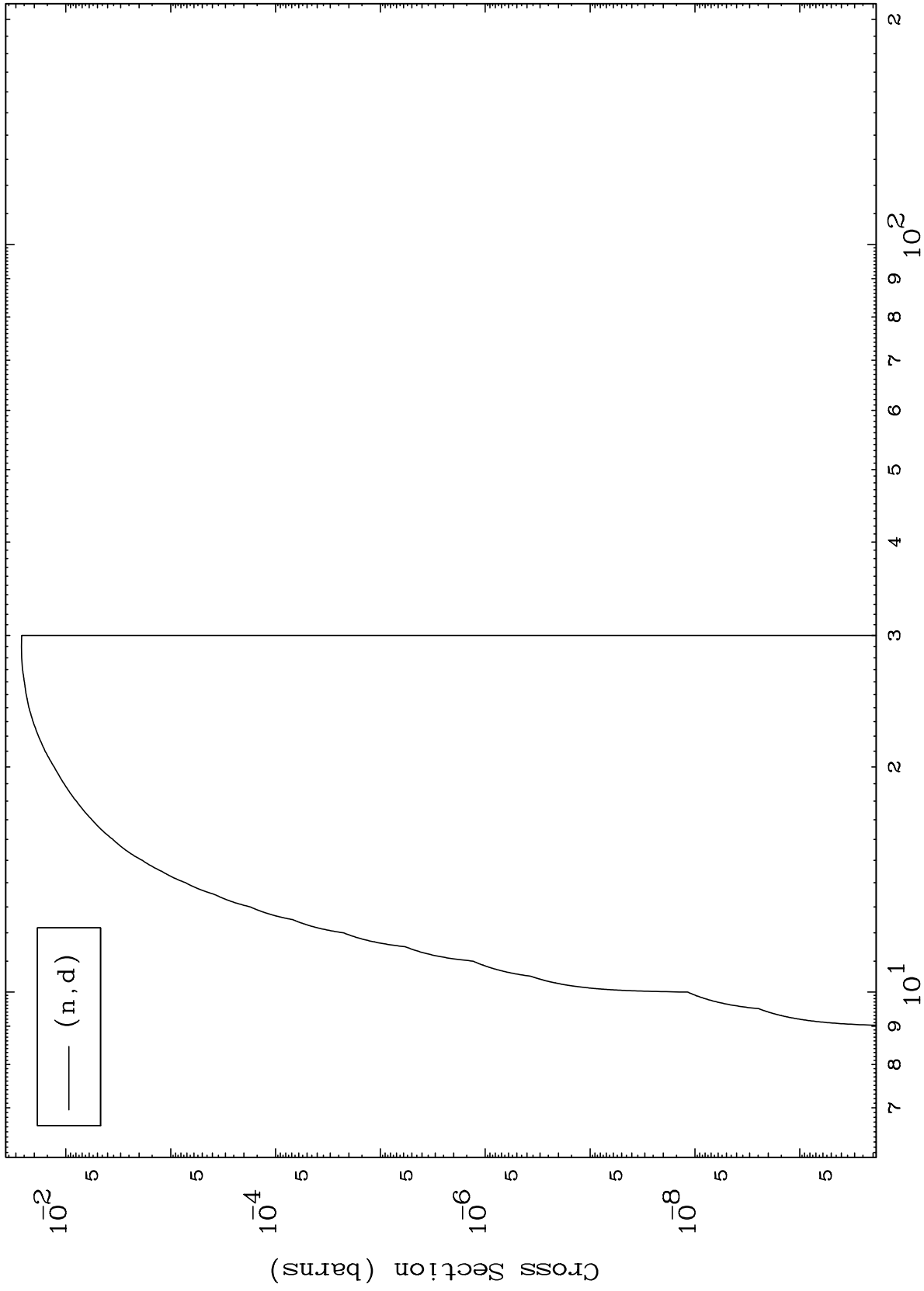
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-114



11

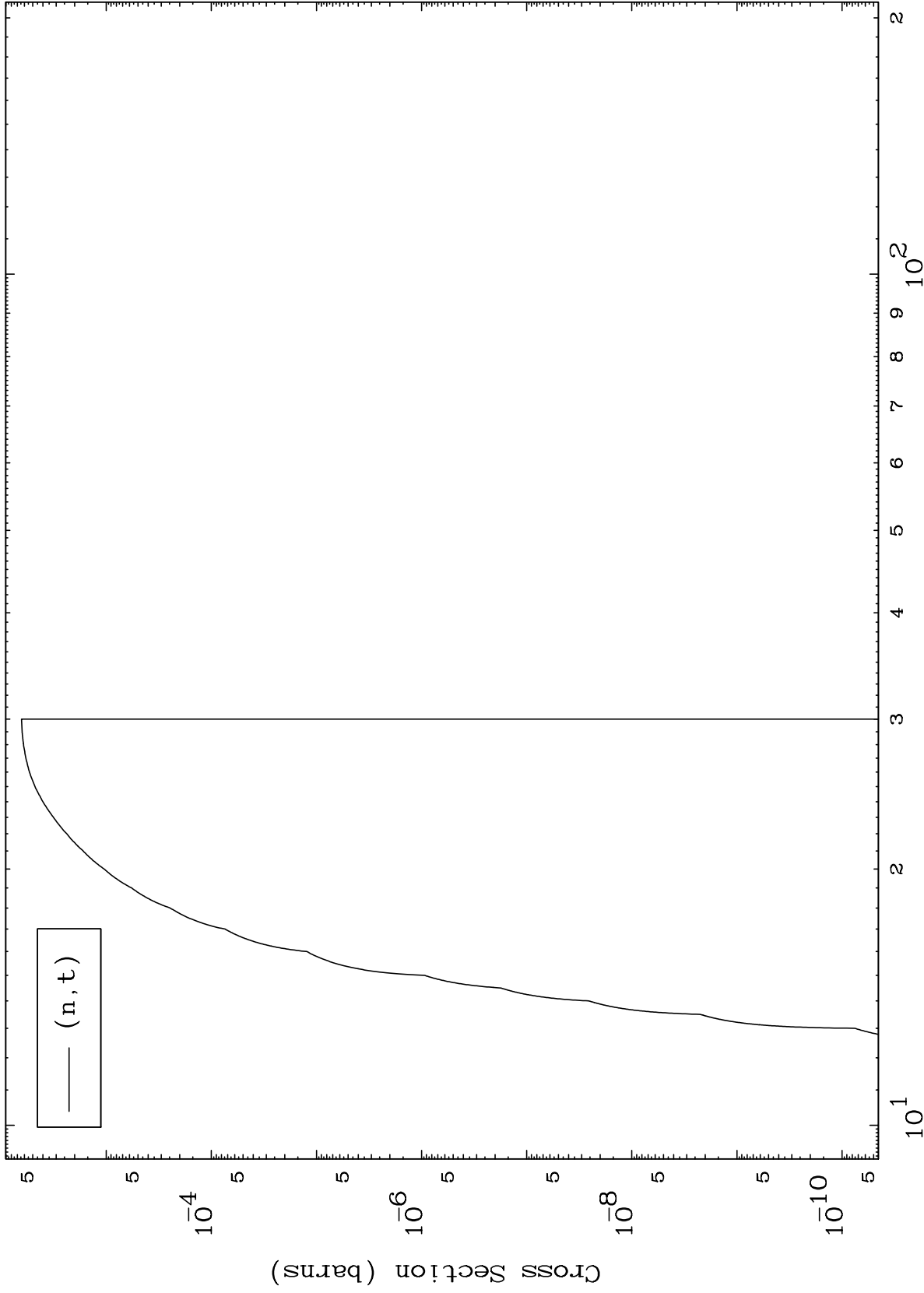
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-114



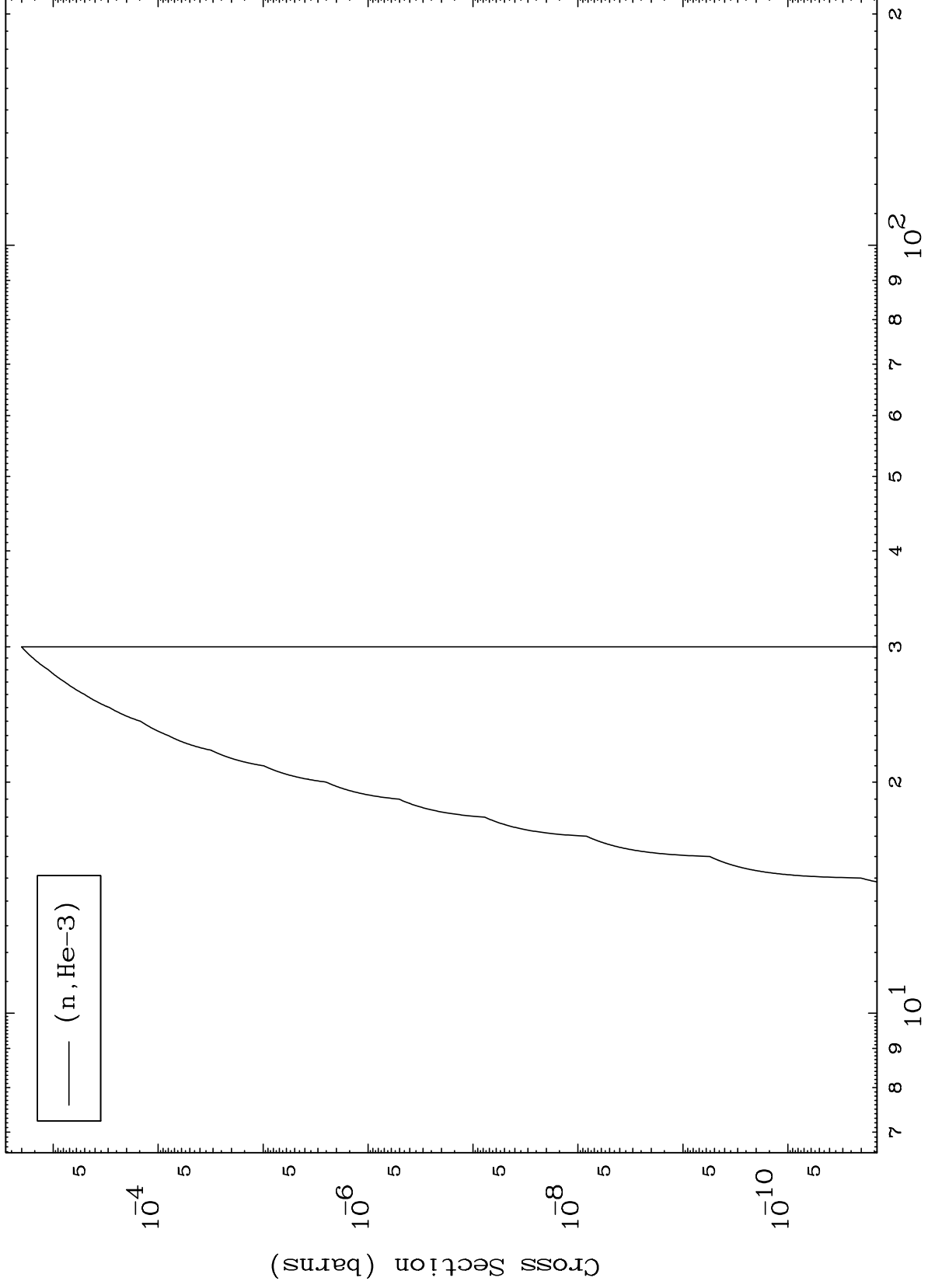
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-114



13

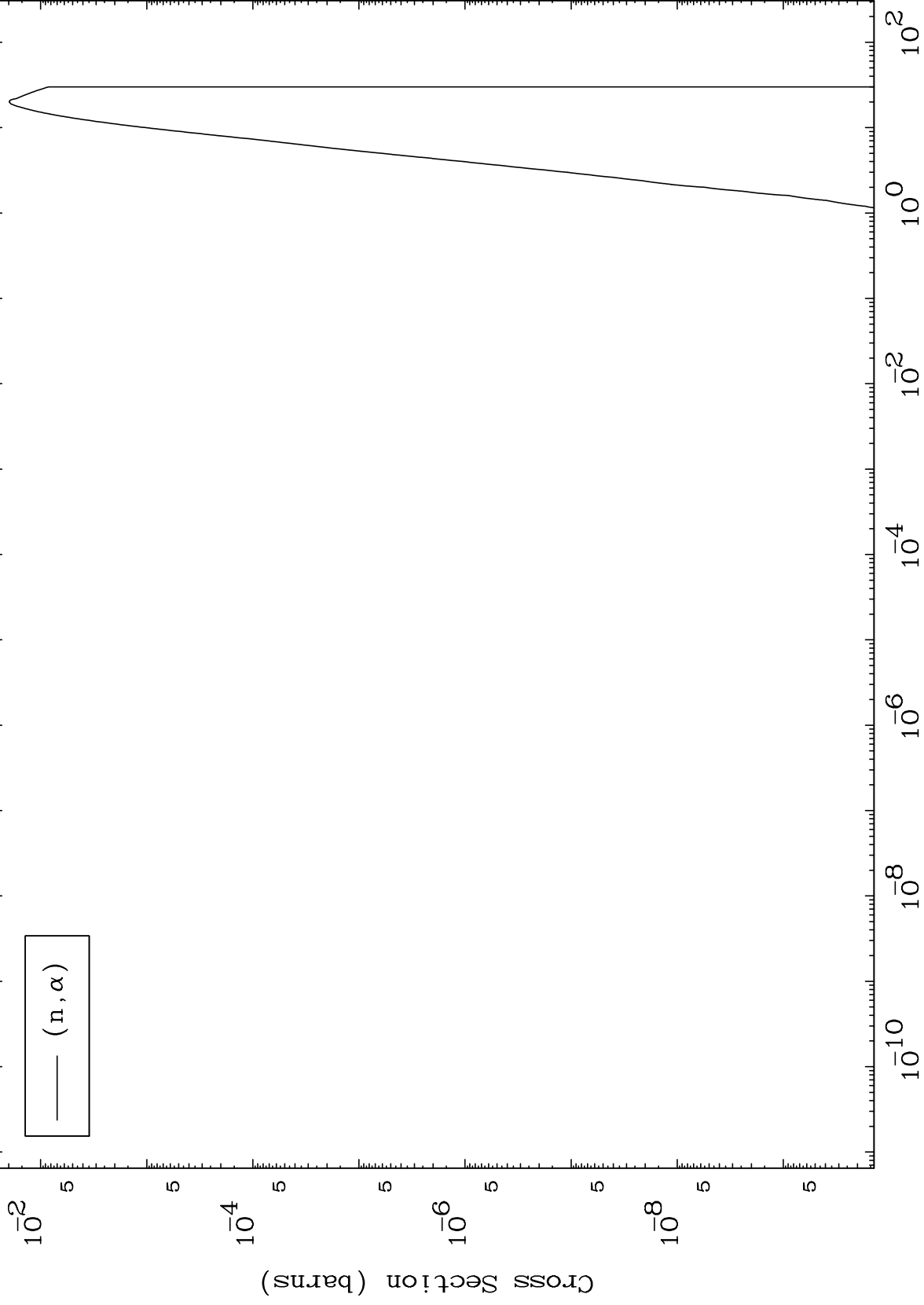
Incident Energy (MeV)

50-Sn-114

MAT 5031

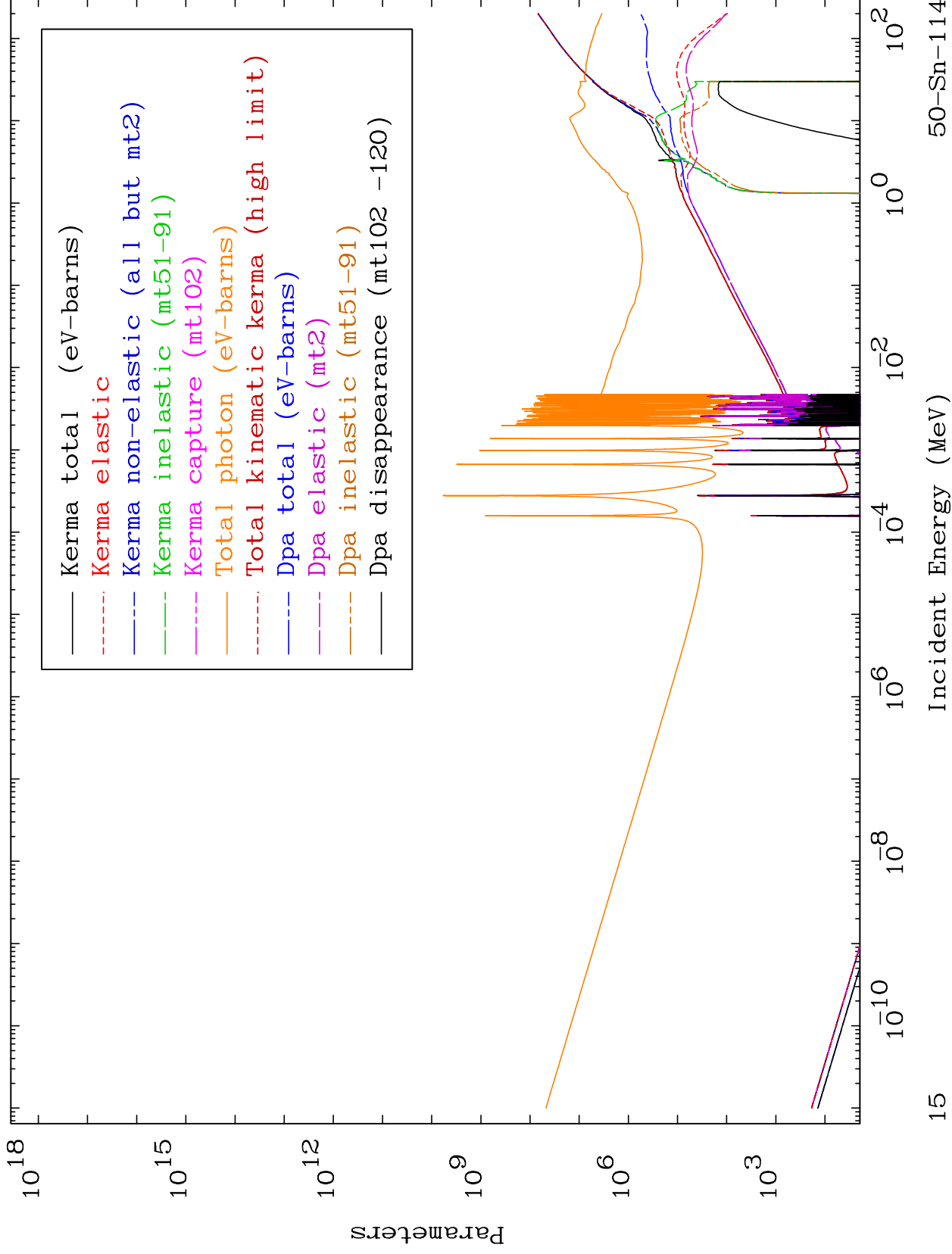
(n, α) Levels
293 Kelvin Cross Sections

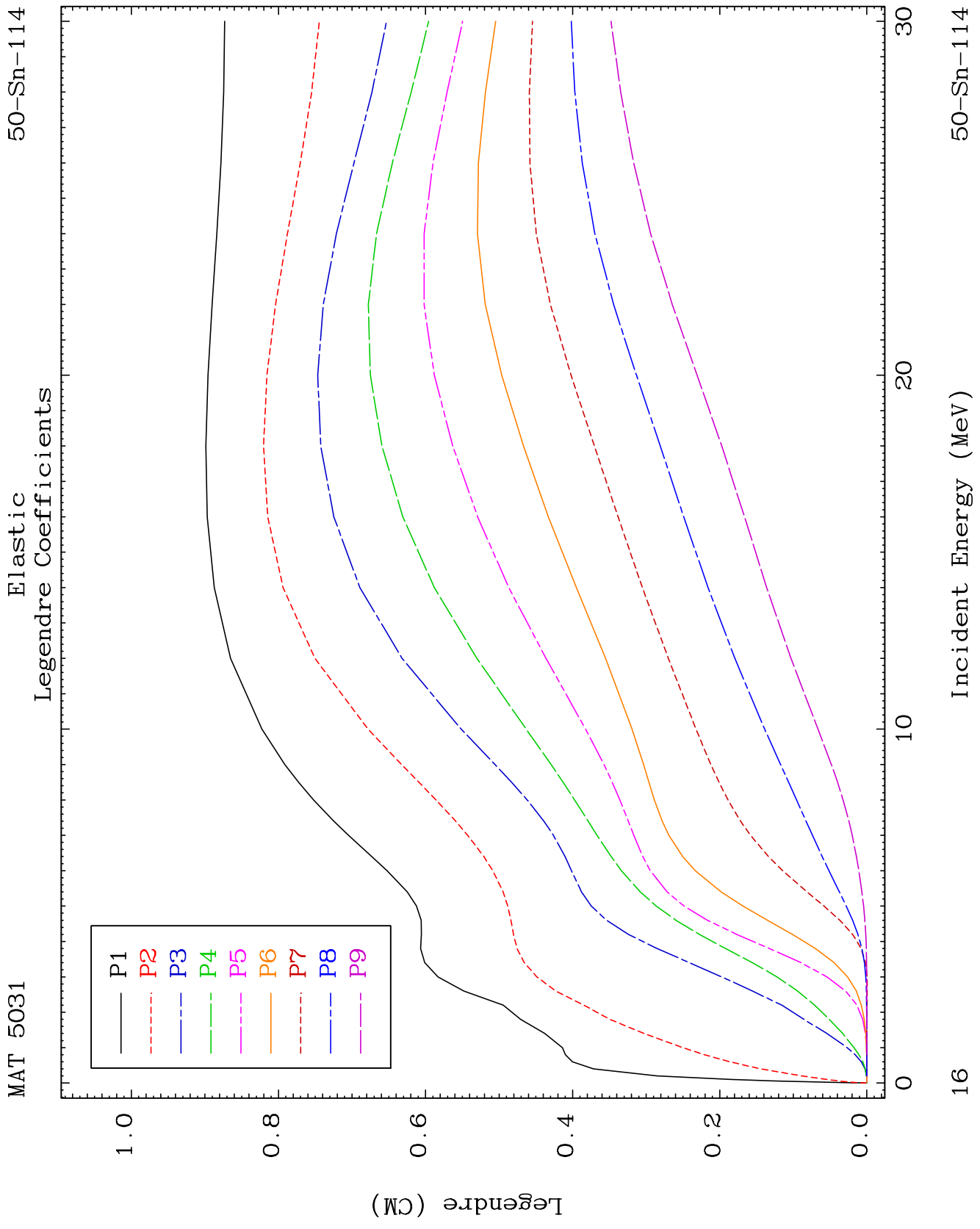
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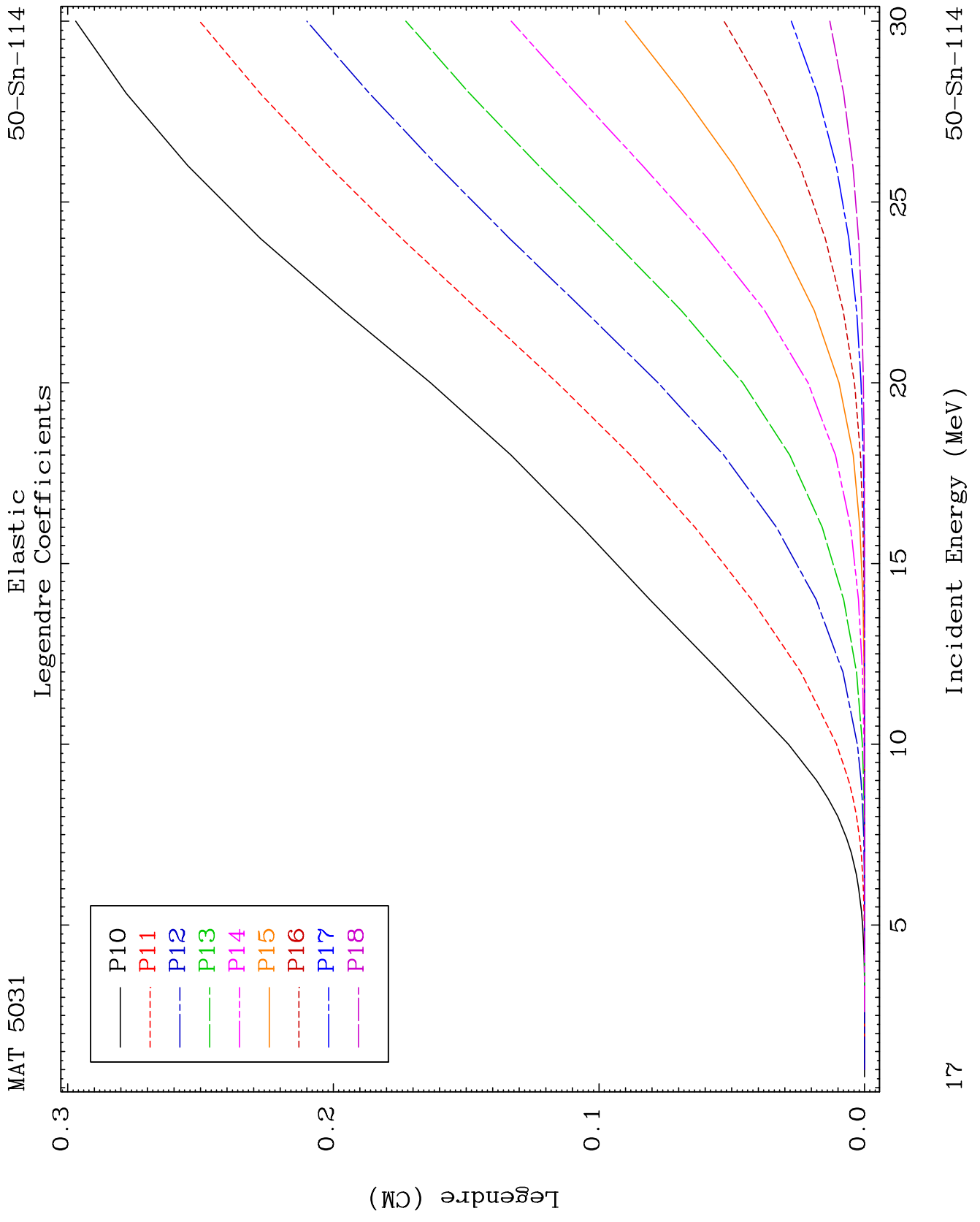


50-Sn-114

Incident Energy (MeV)



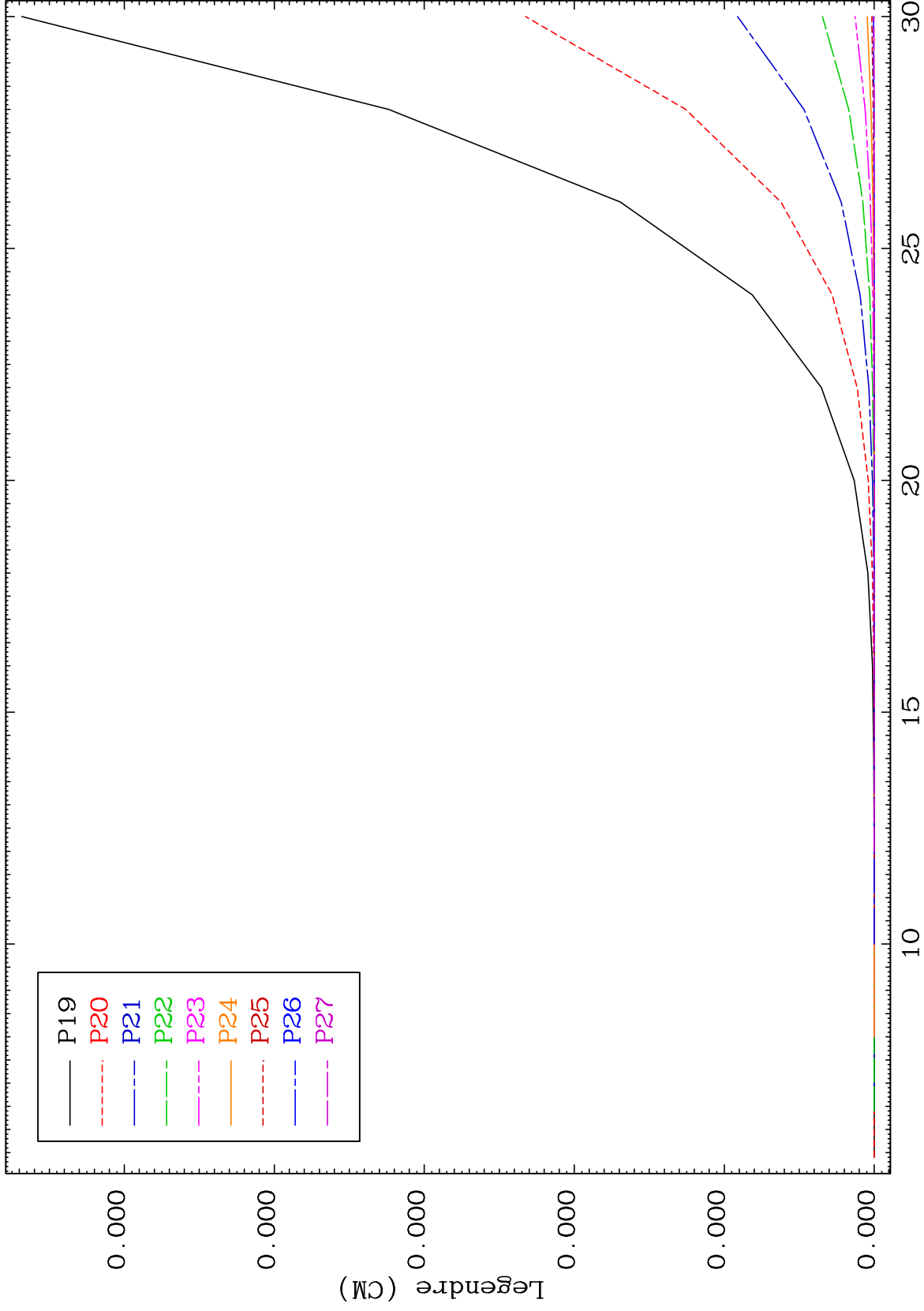




MAT 5031

Elastic
Legendre Coefficients

50-Sn-114



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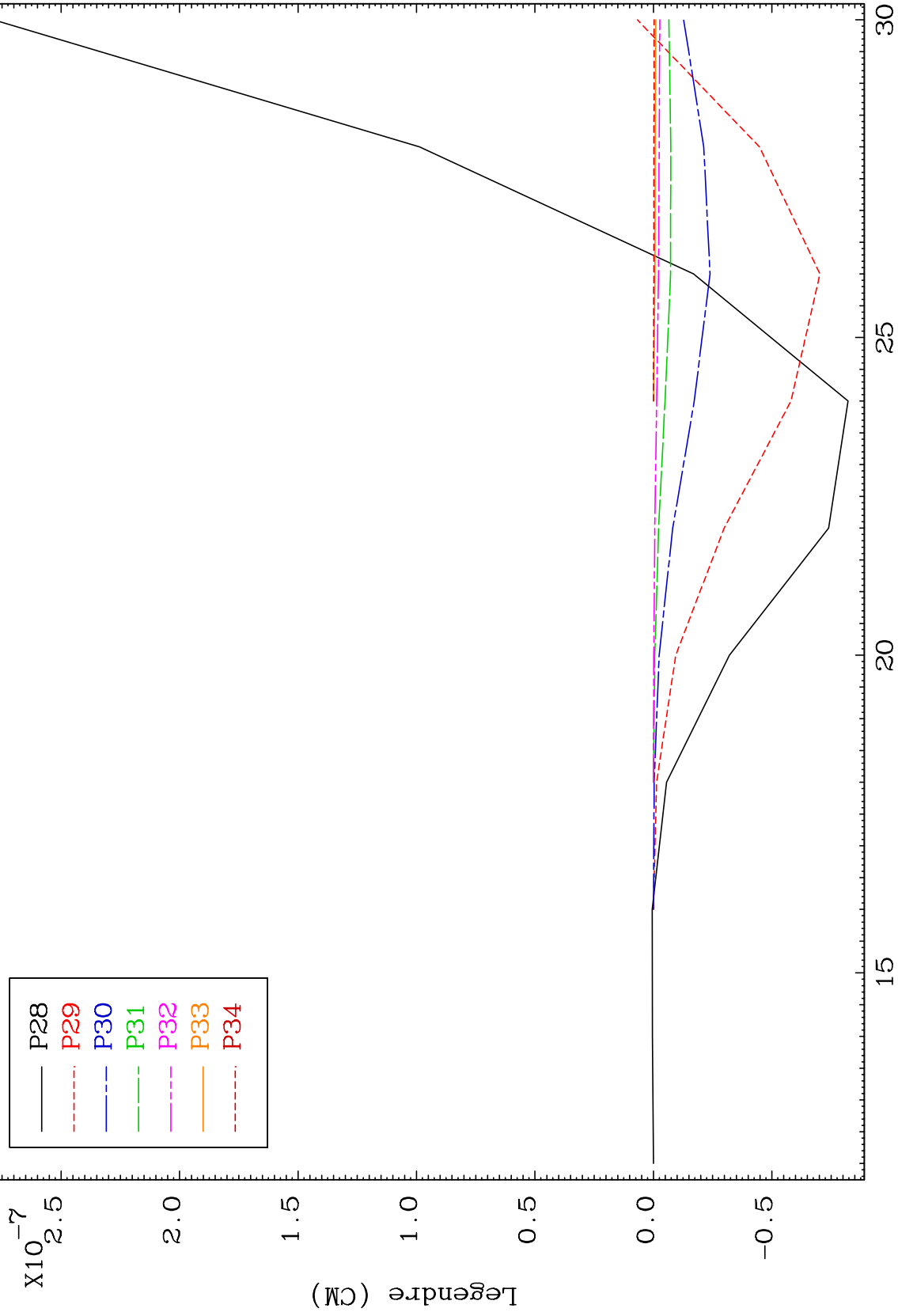
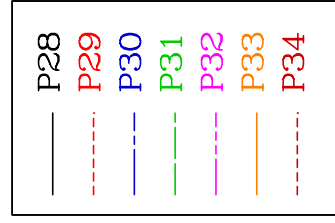
Incident Energy (MeV)

50-Sn-114

MAT 5031

Elastic
Legendre Coefficients

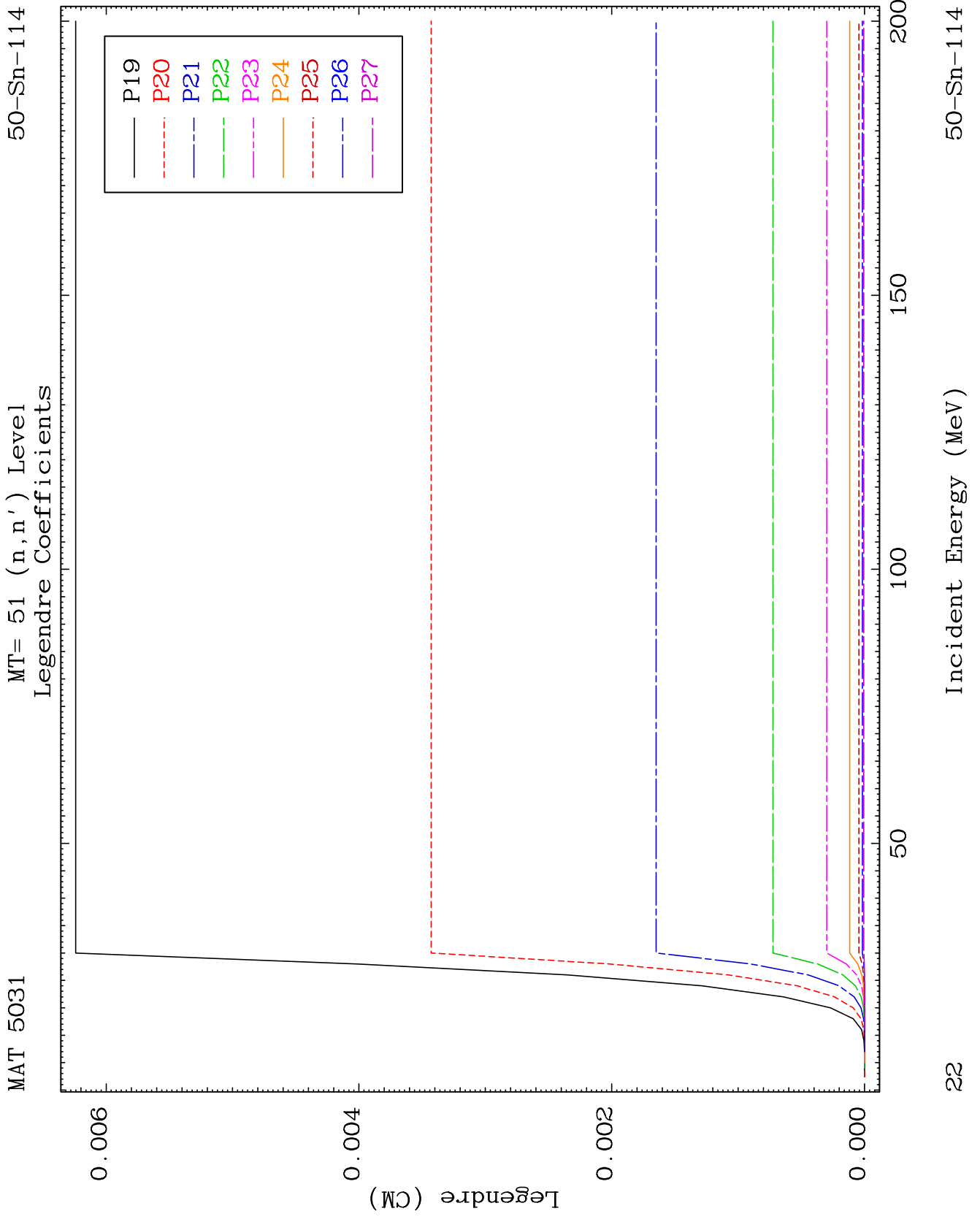
50-Sn-114

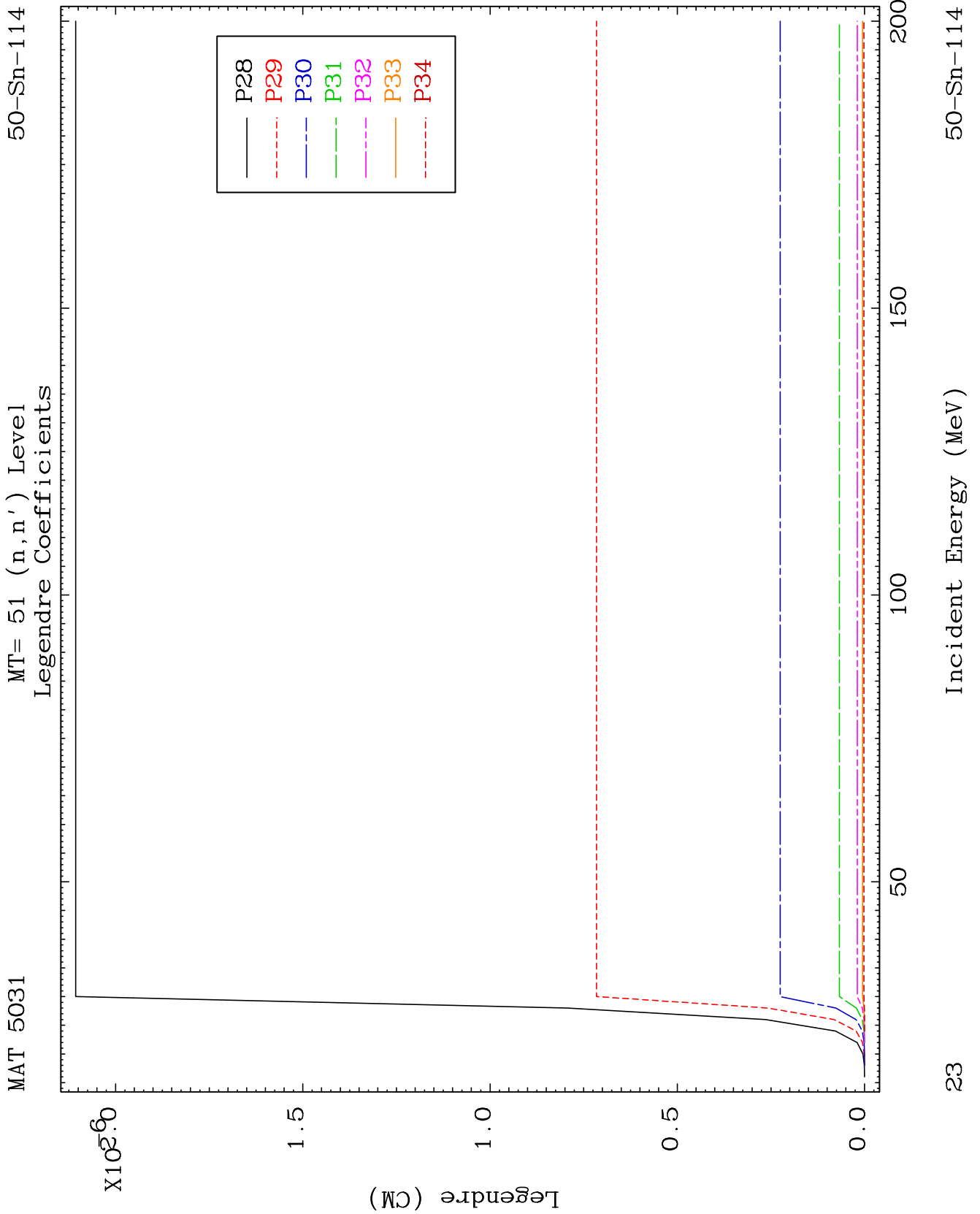


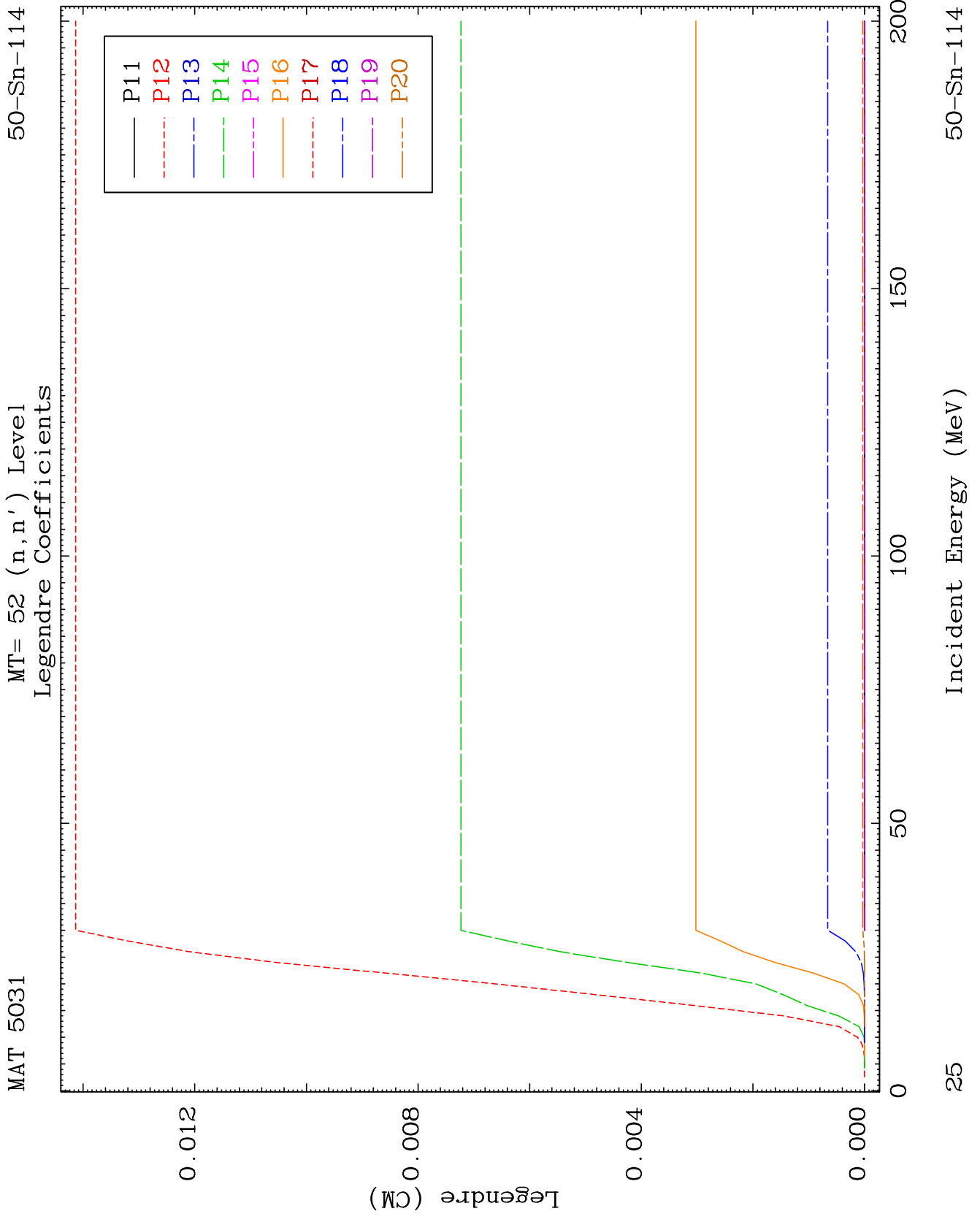
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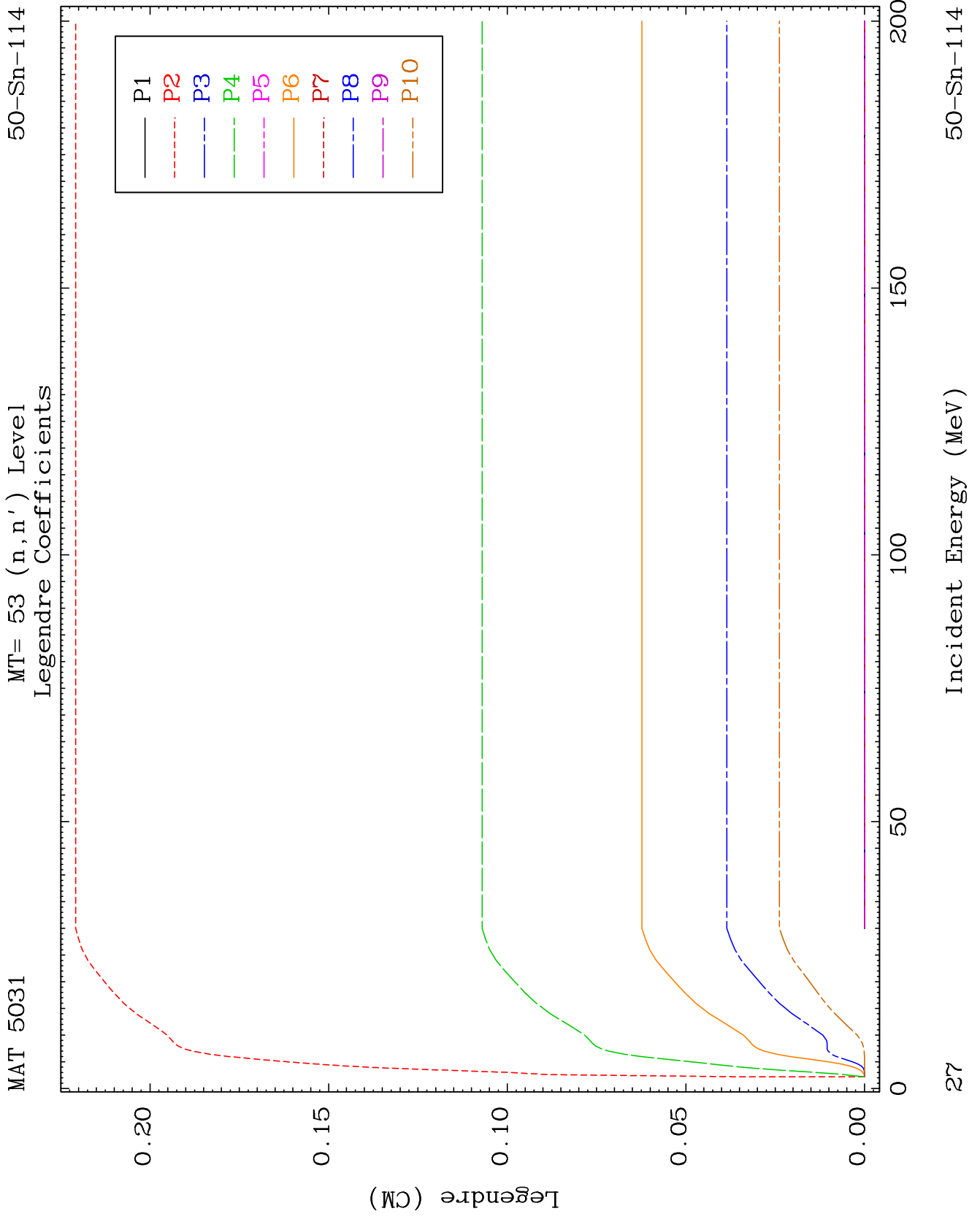
Incident Energy (MeV)

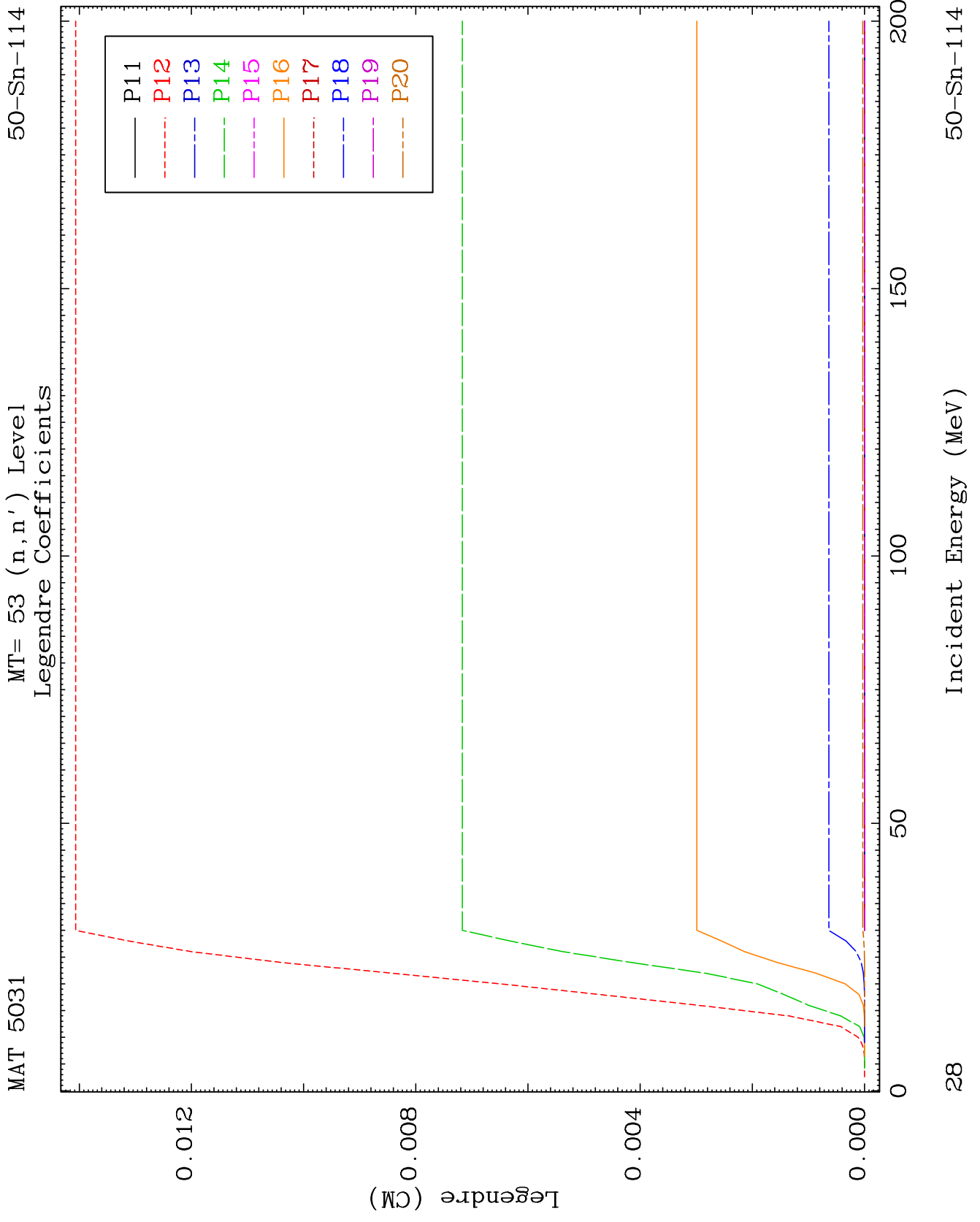
50-Sn-114

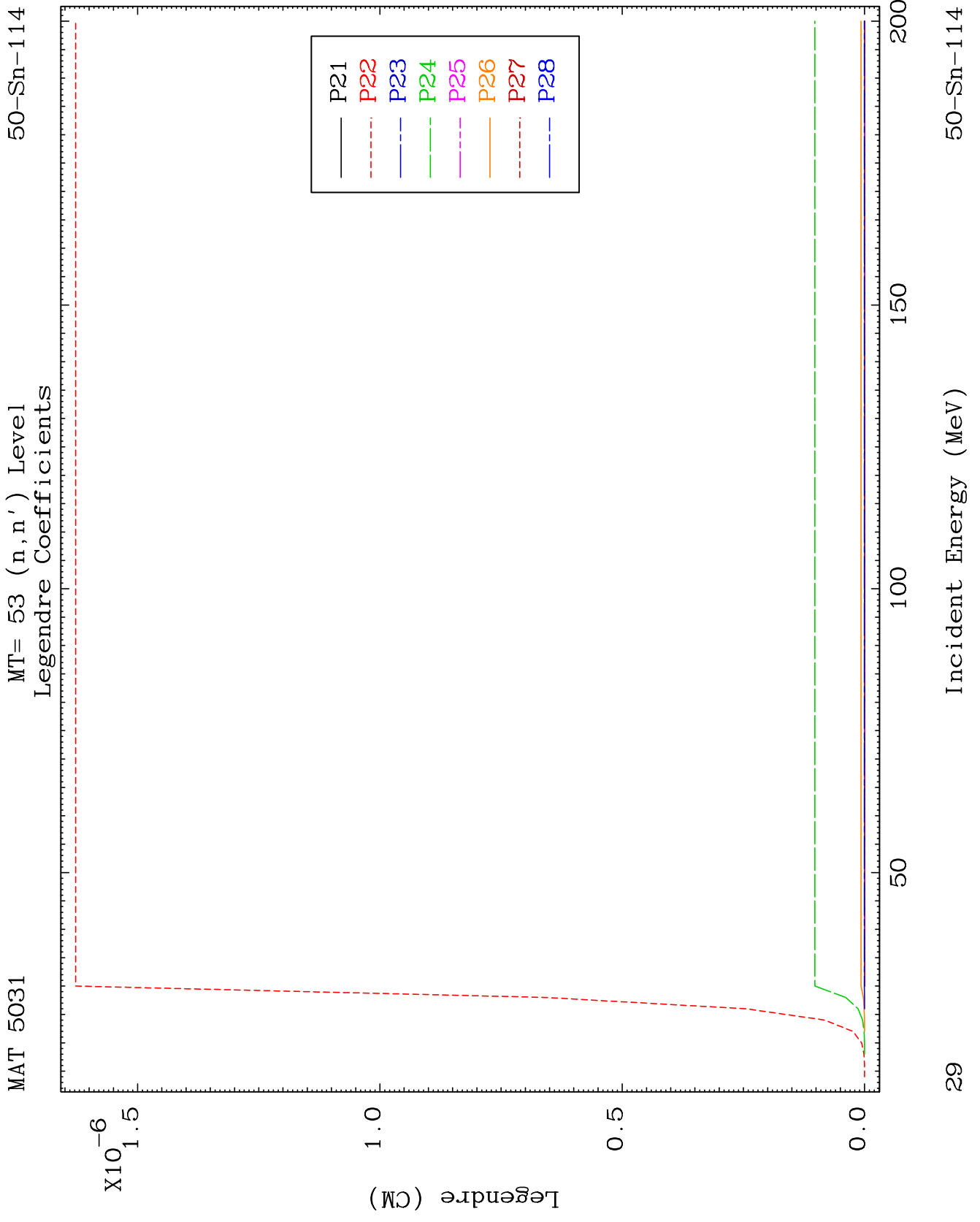


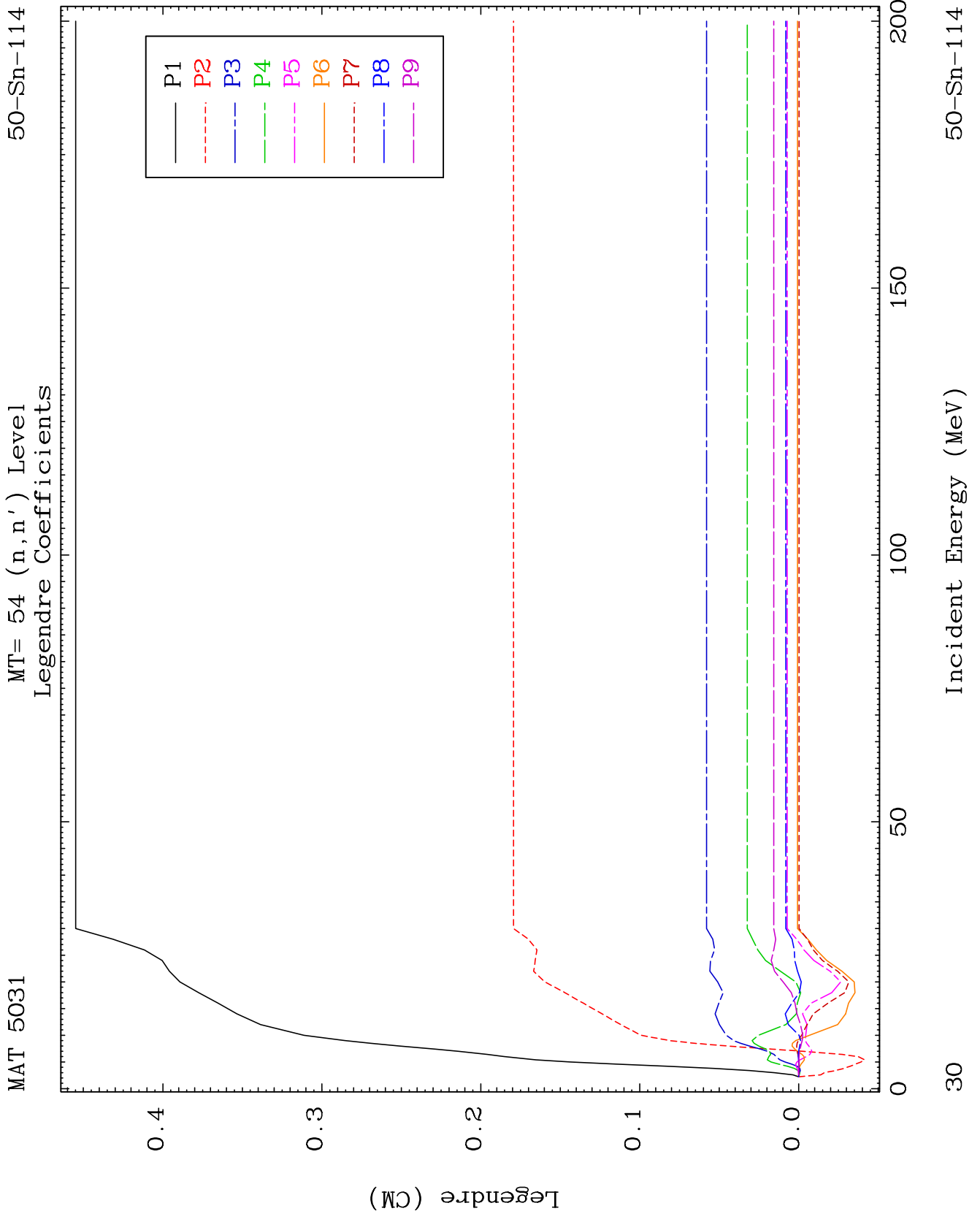


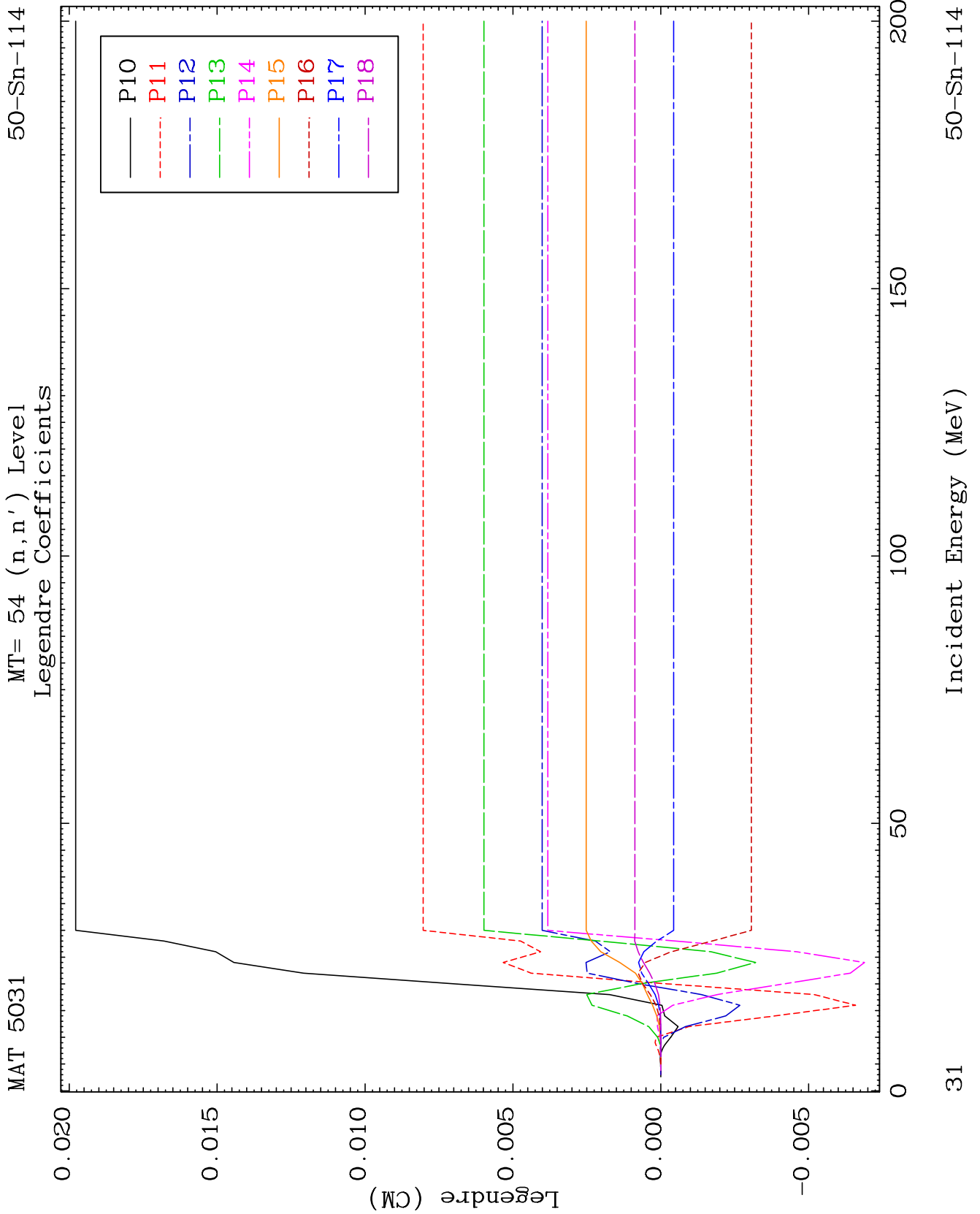








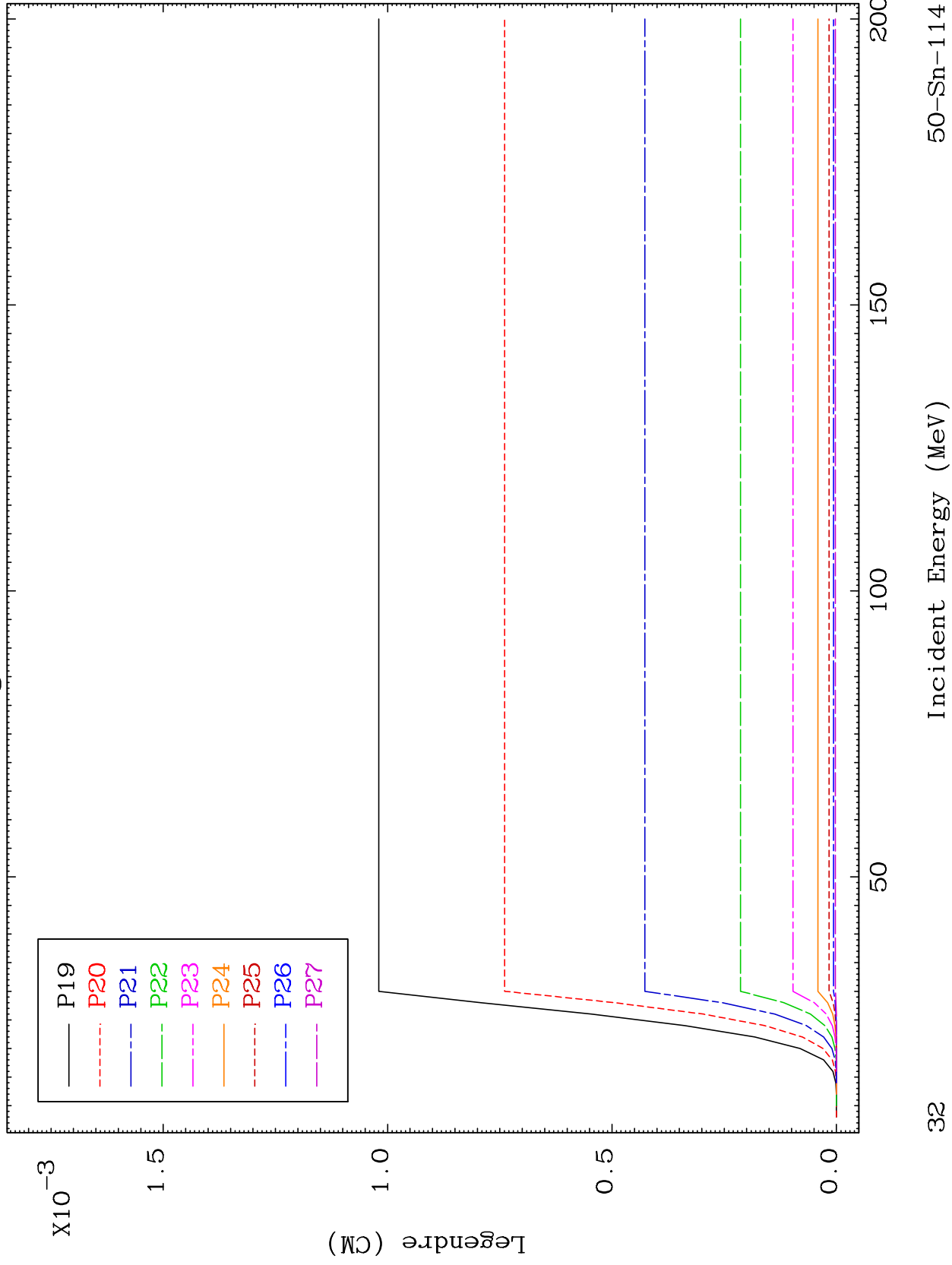




MAT 5031

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

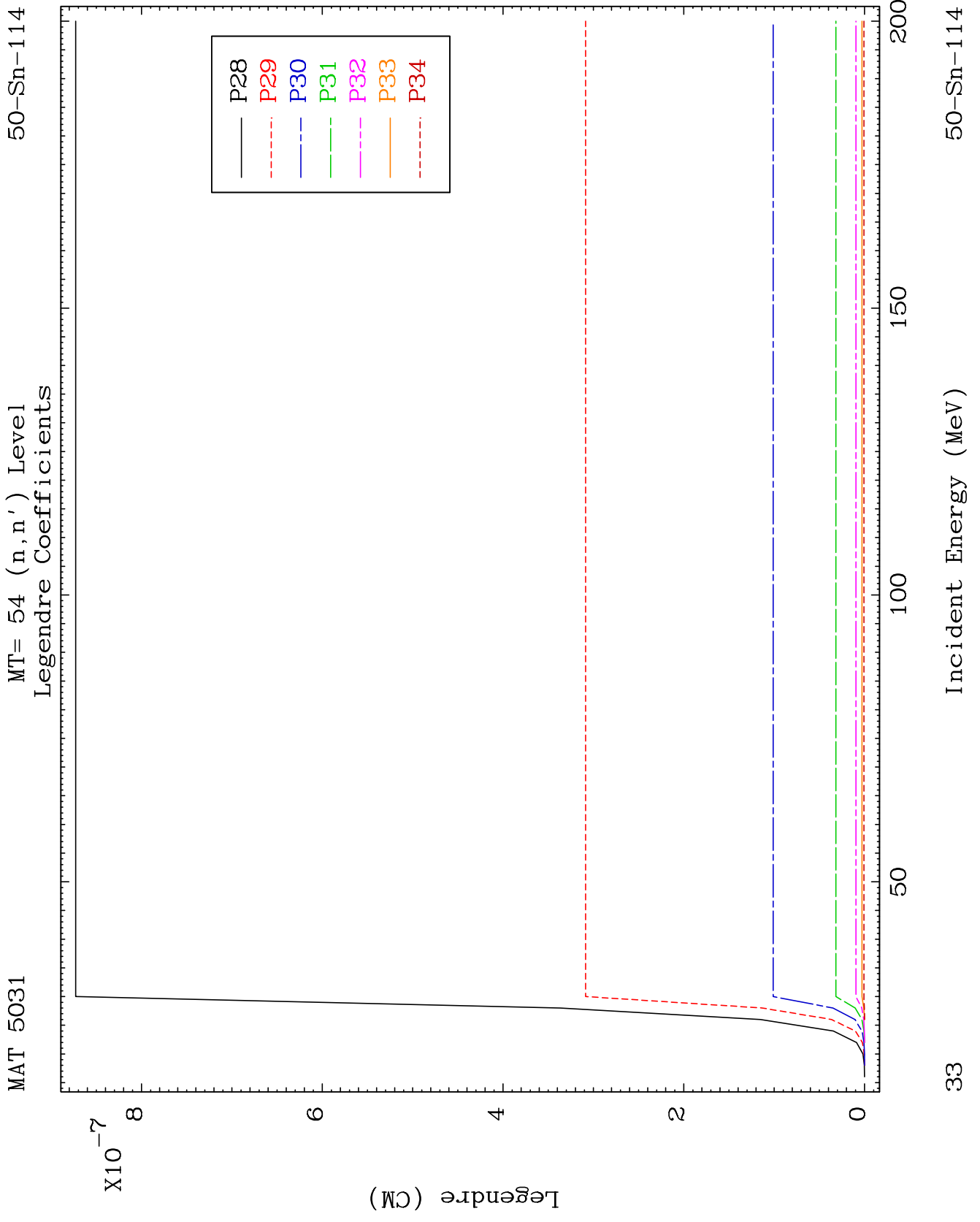
50-Sn-114

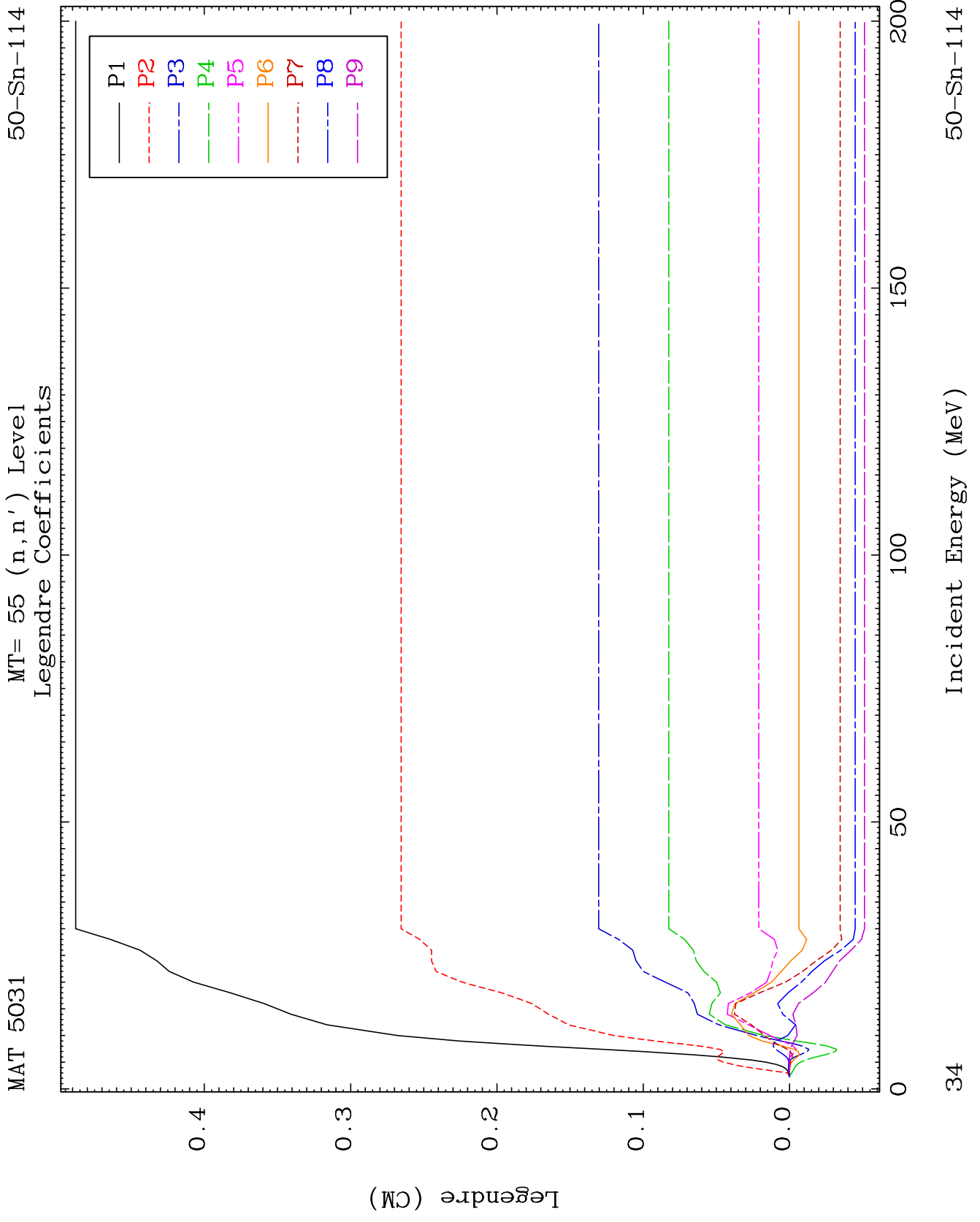


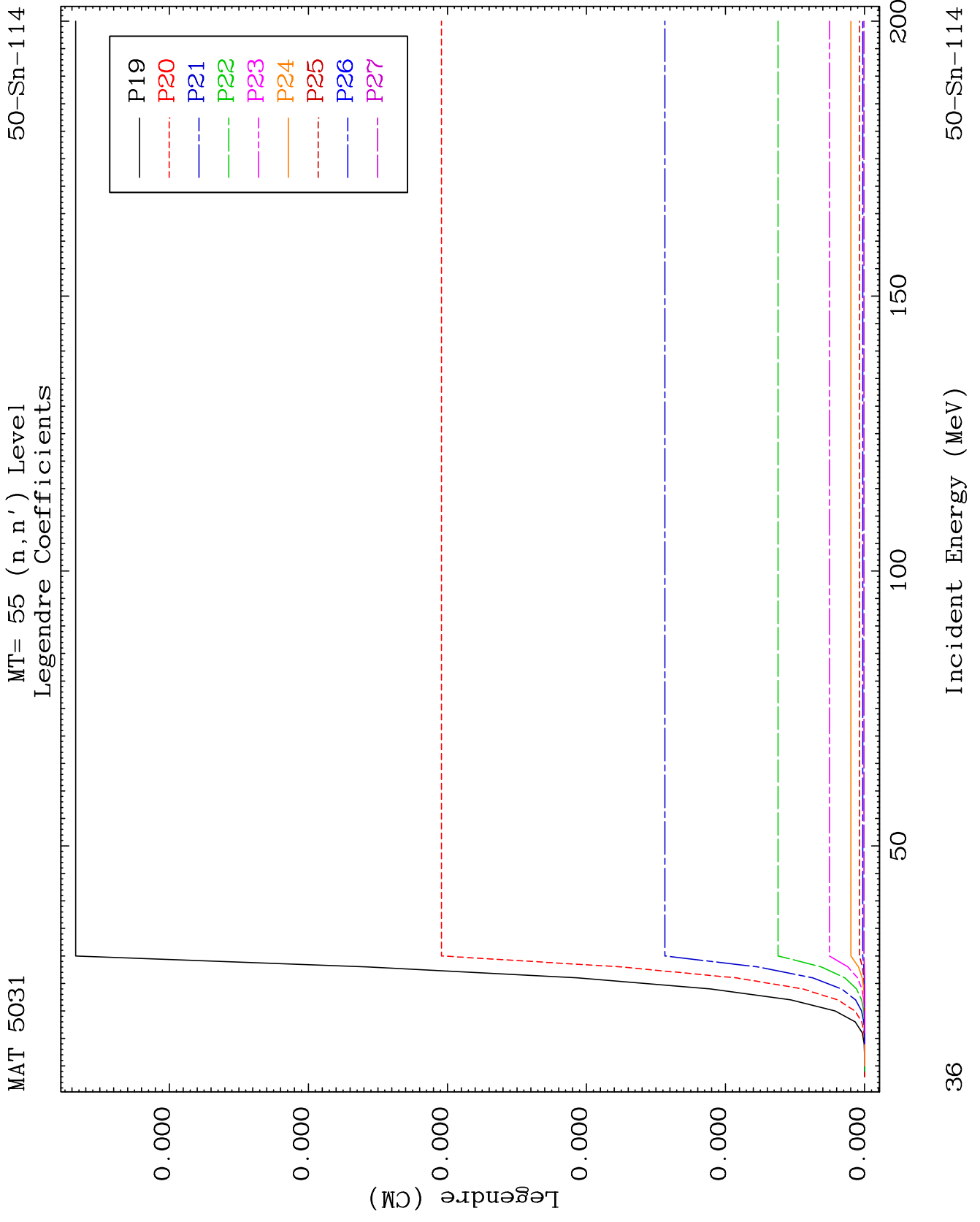
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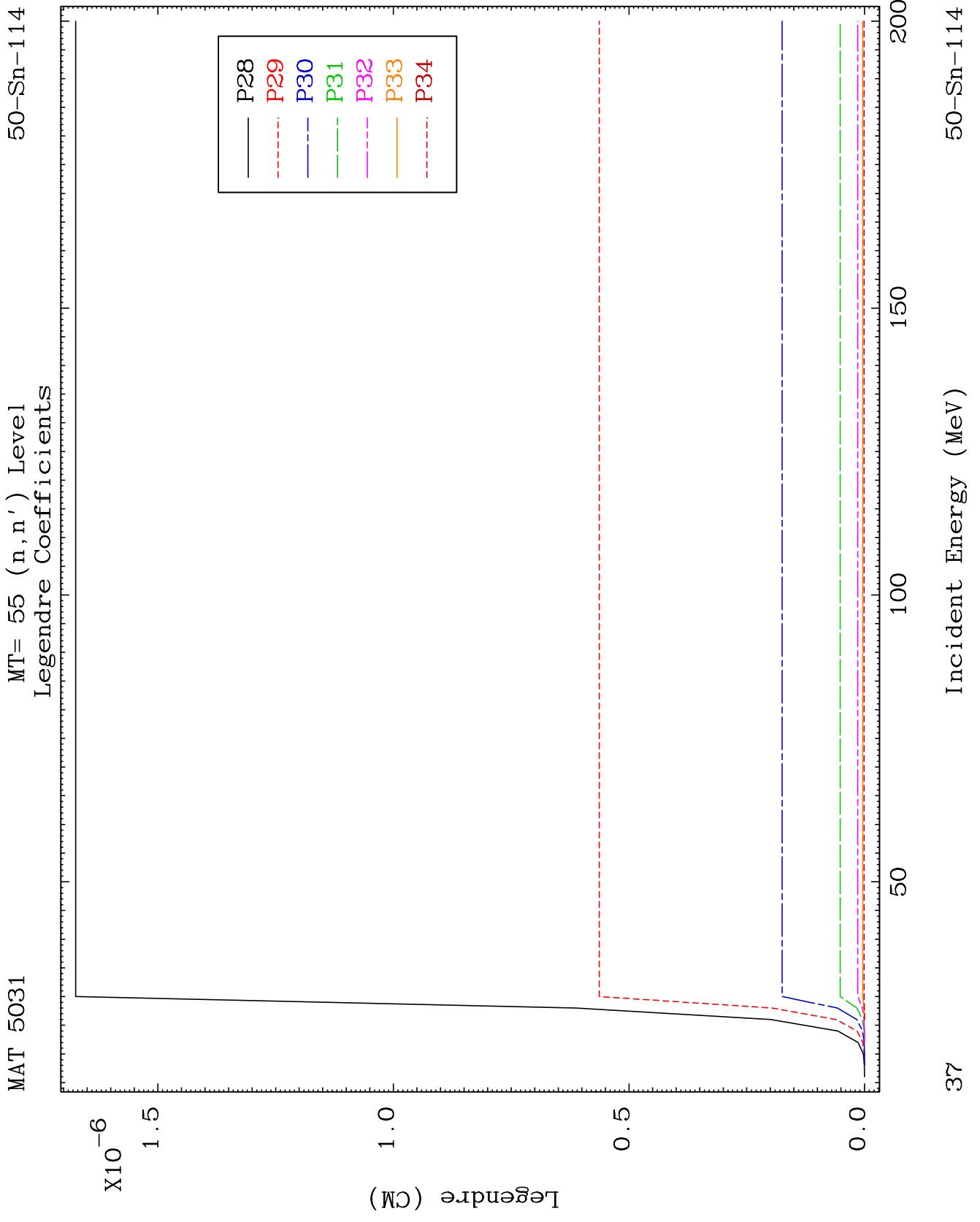
Incident Energy (MeV)

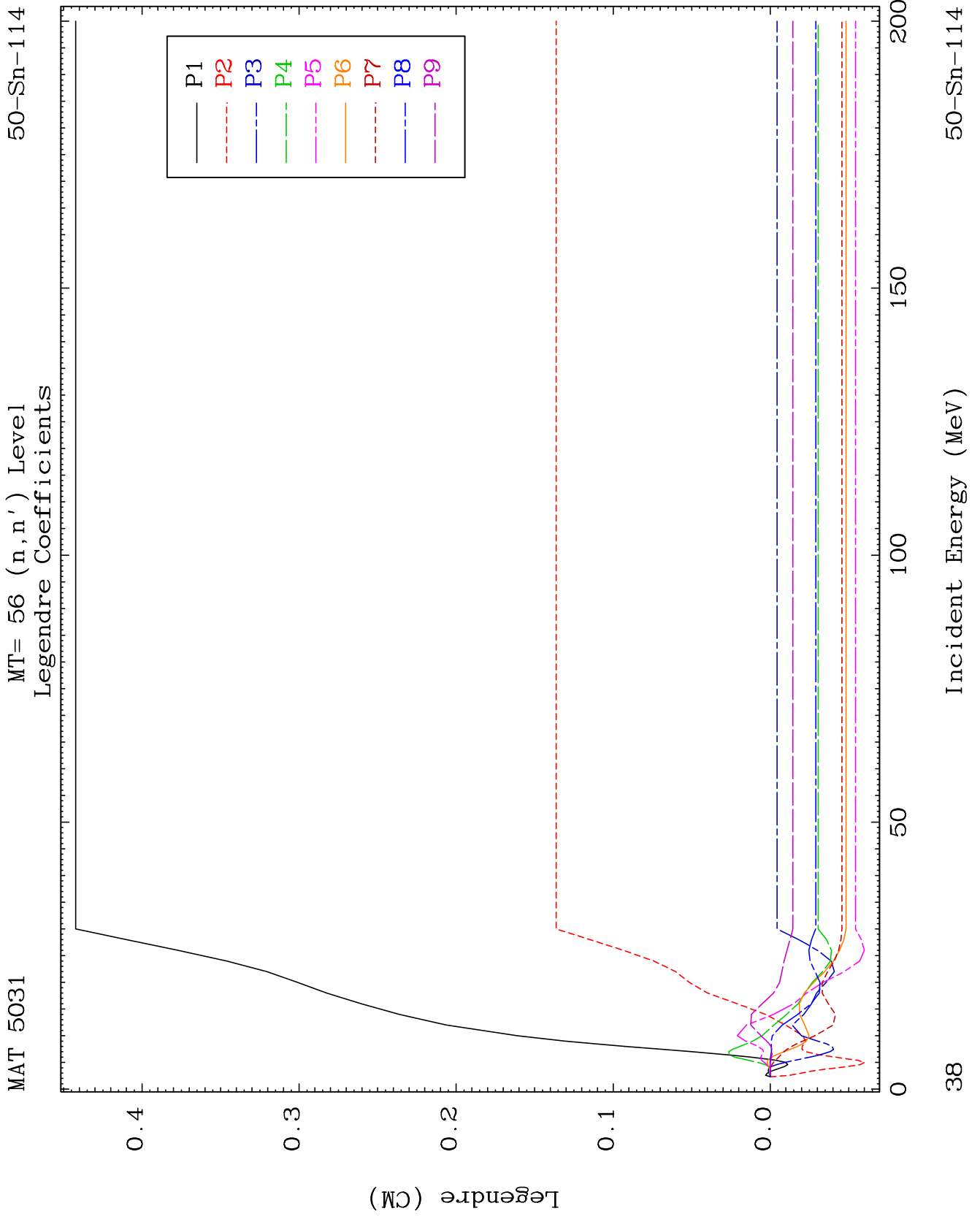
50-Sn-114

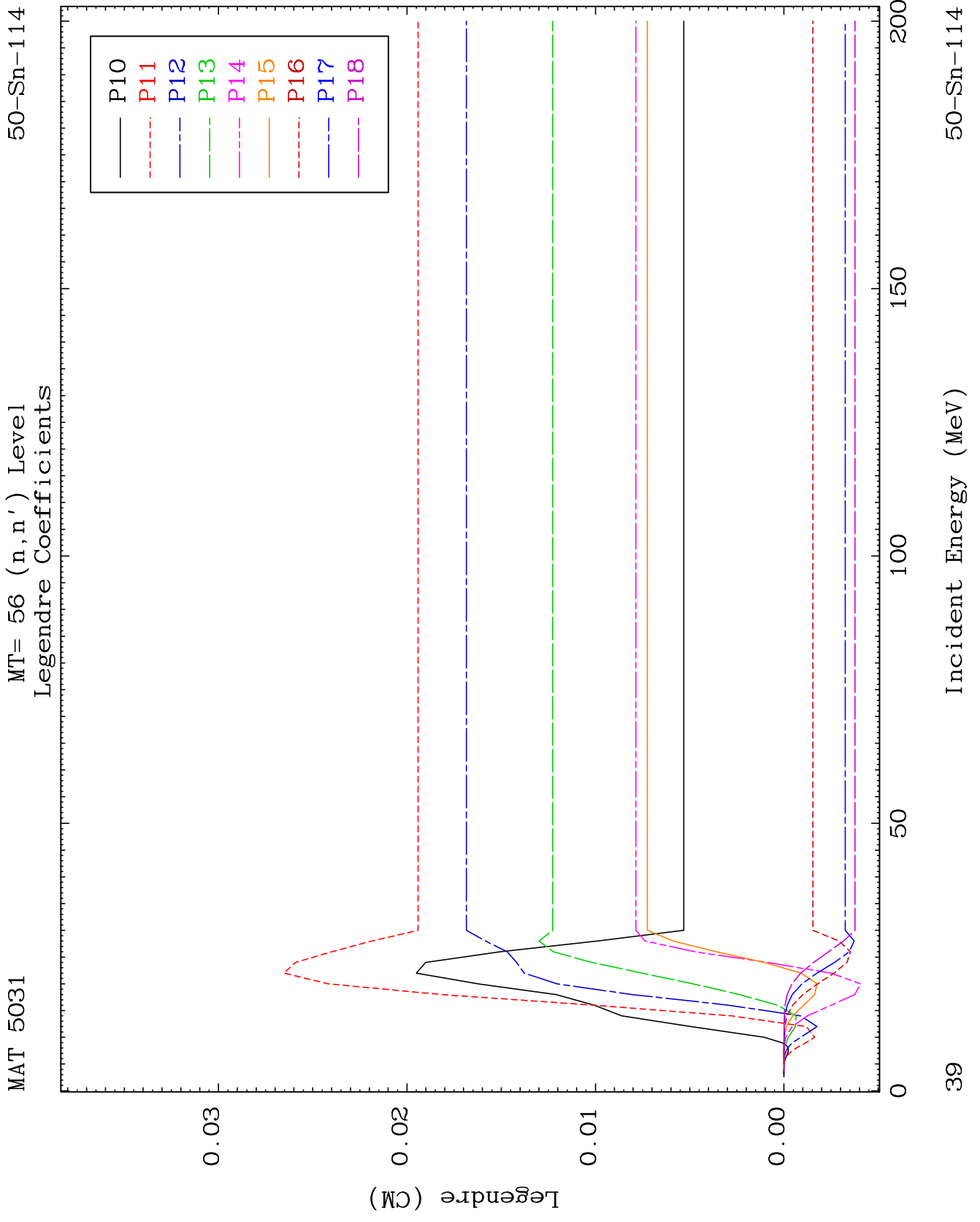


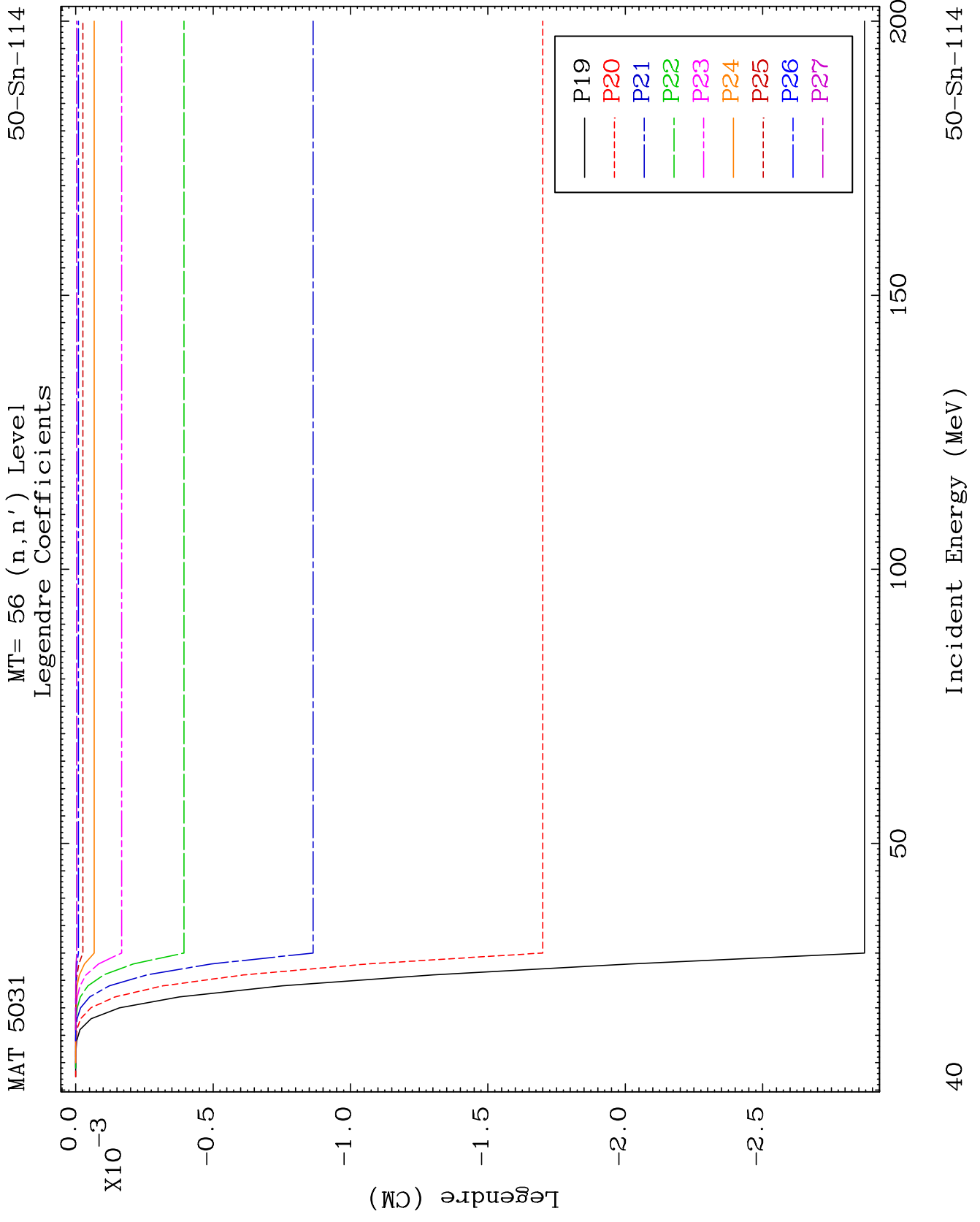


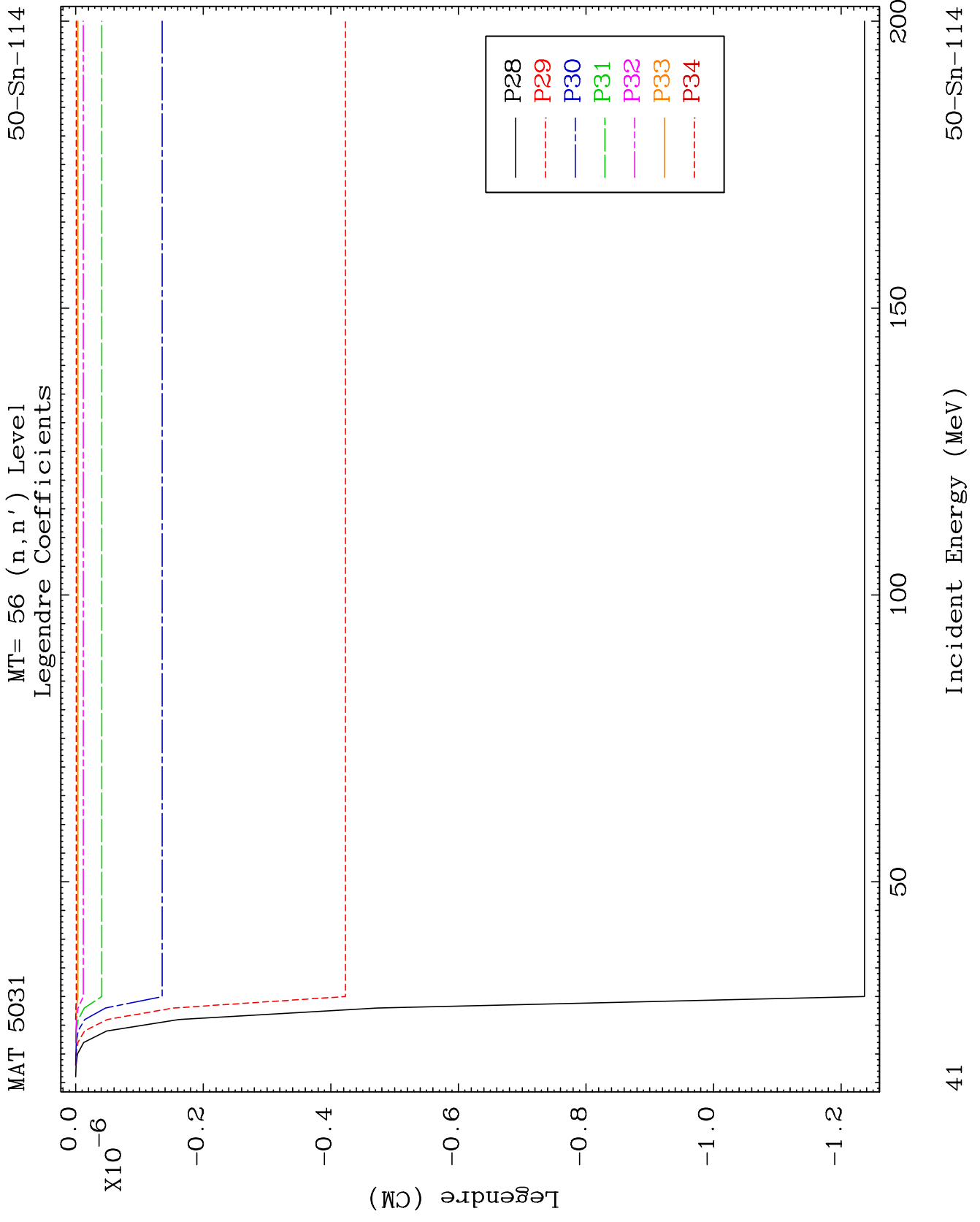


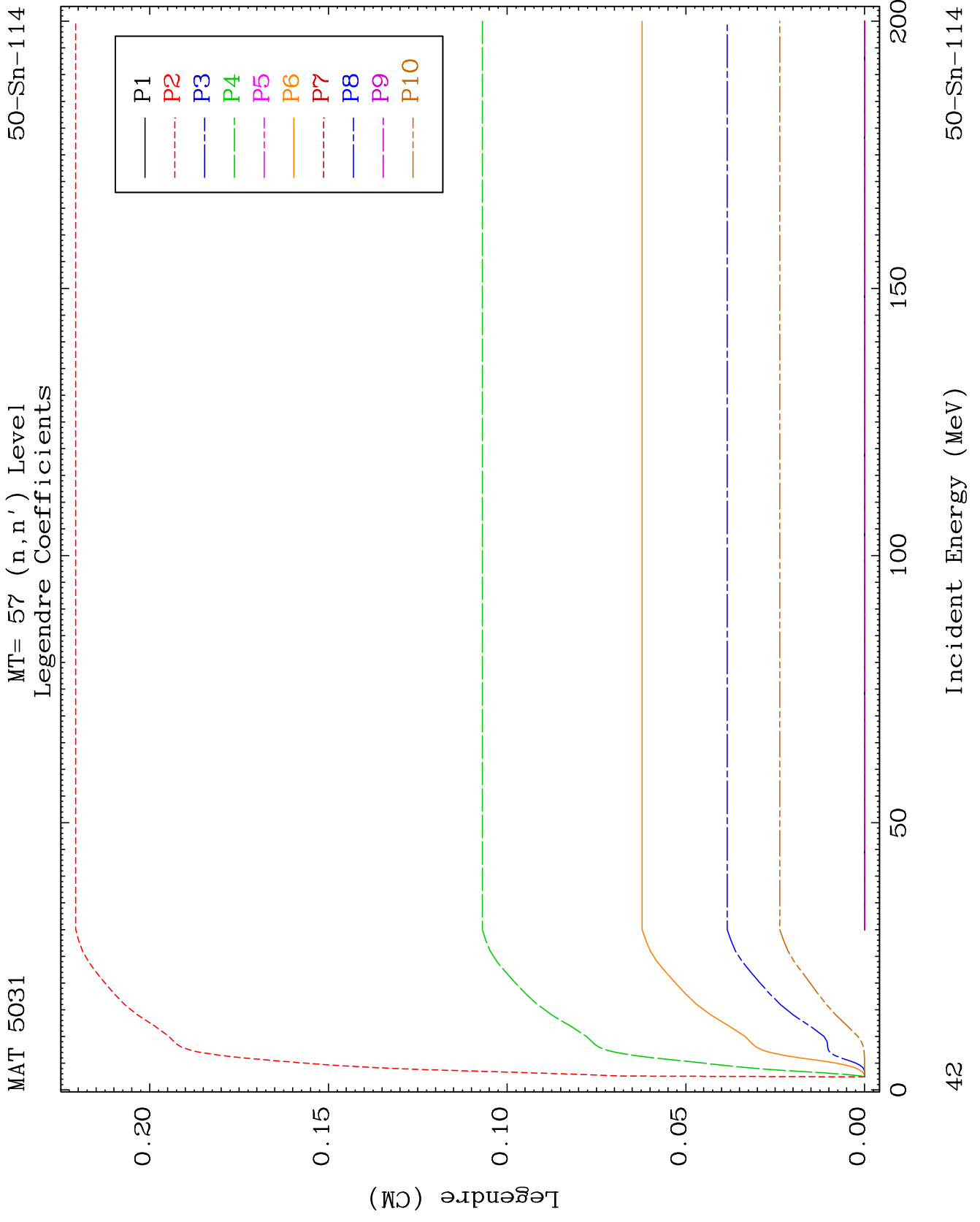


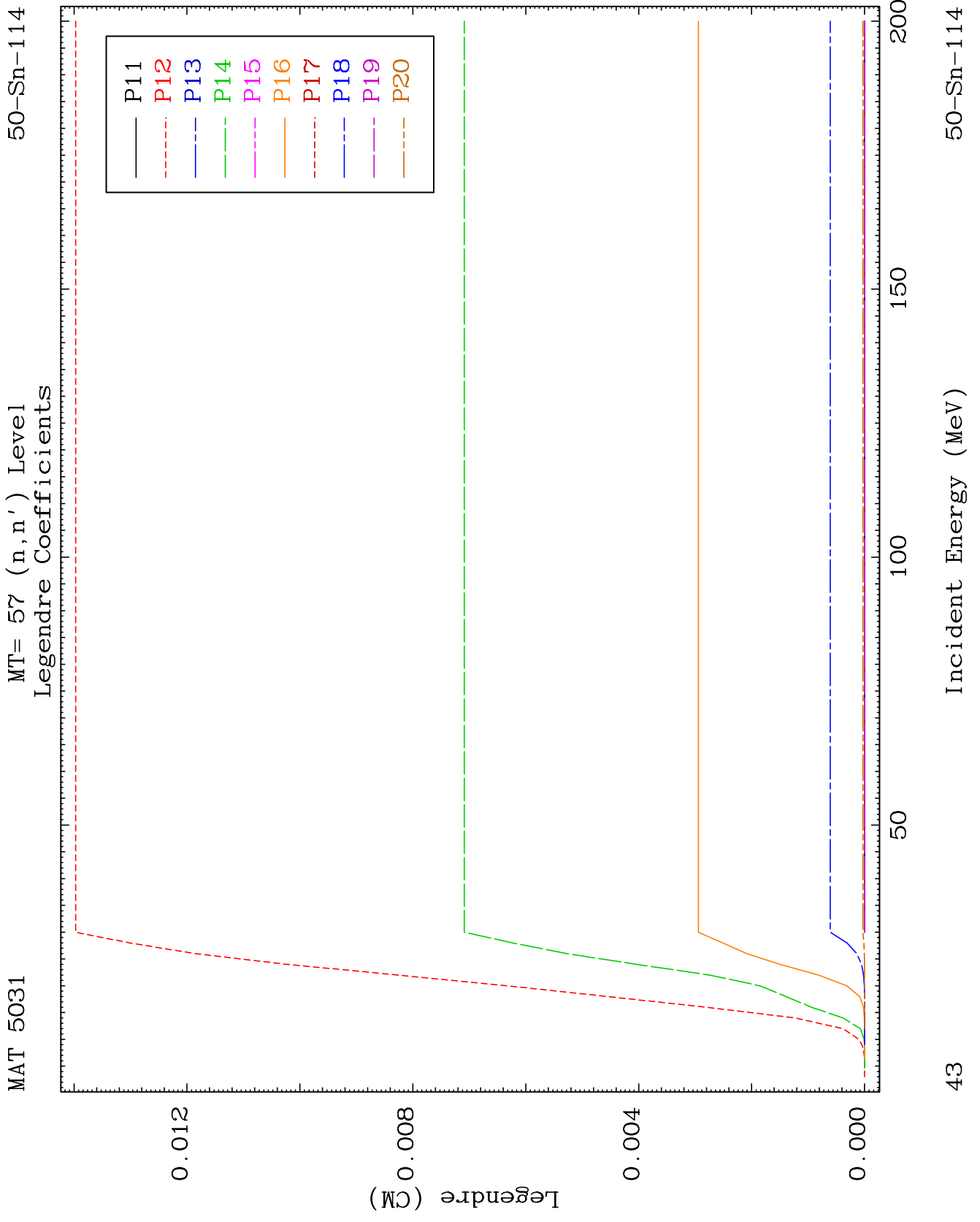


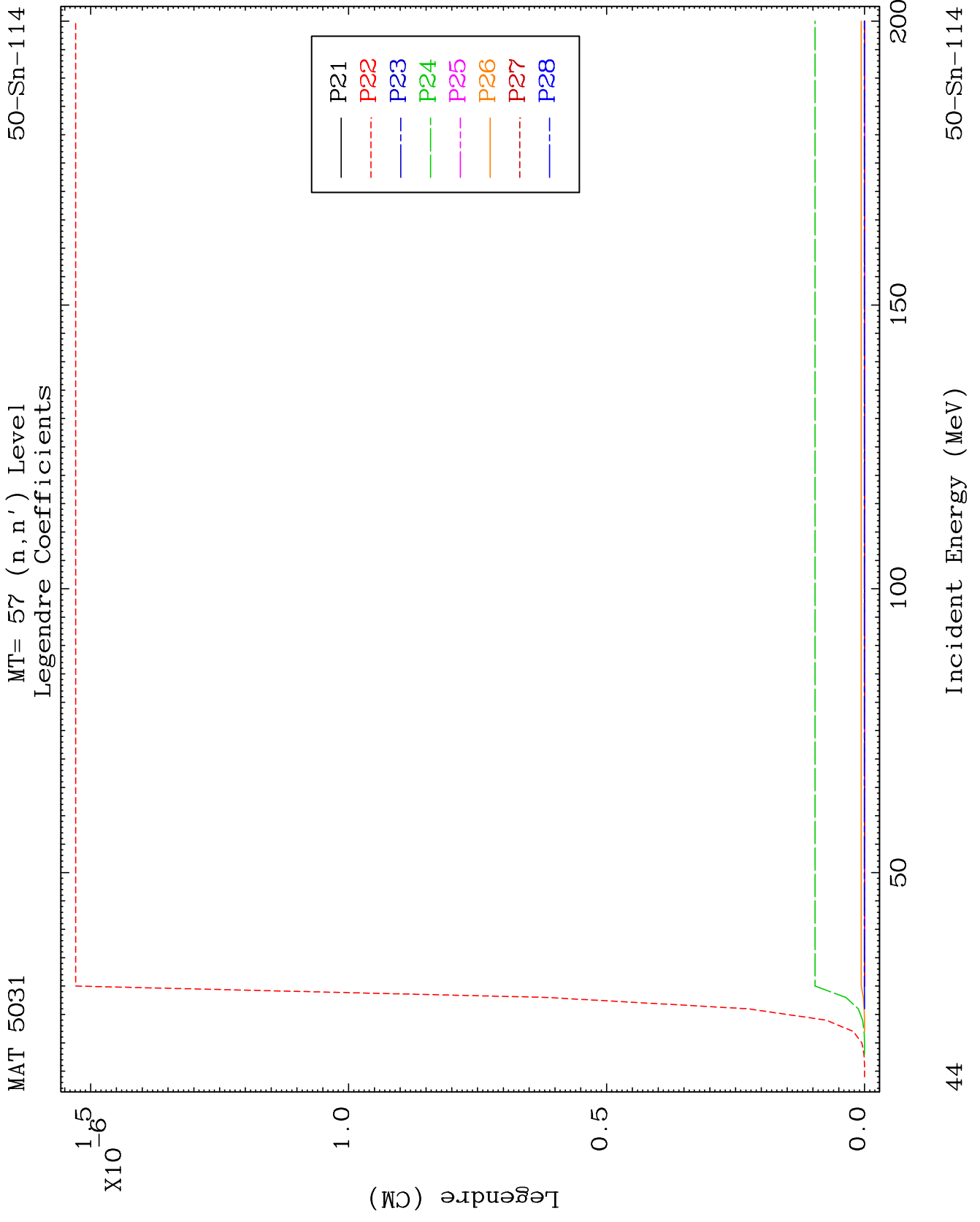


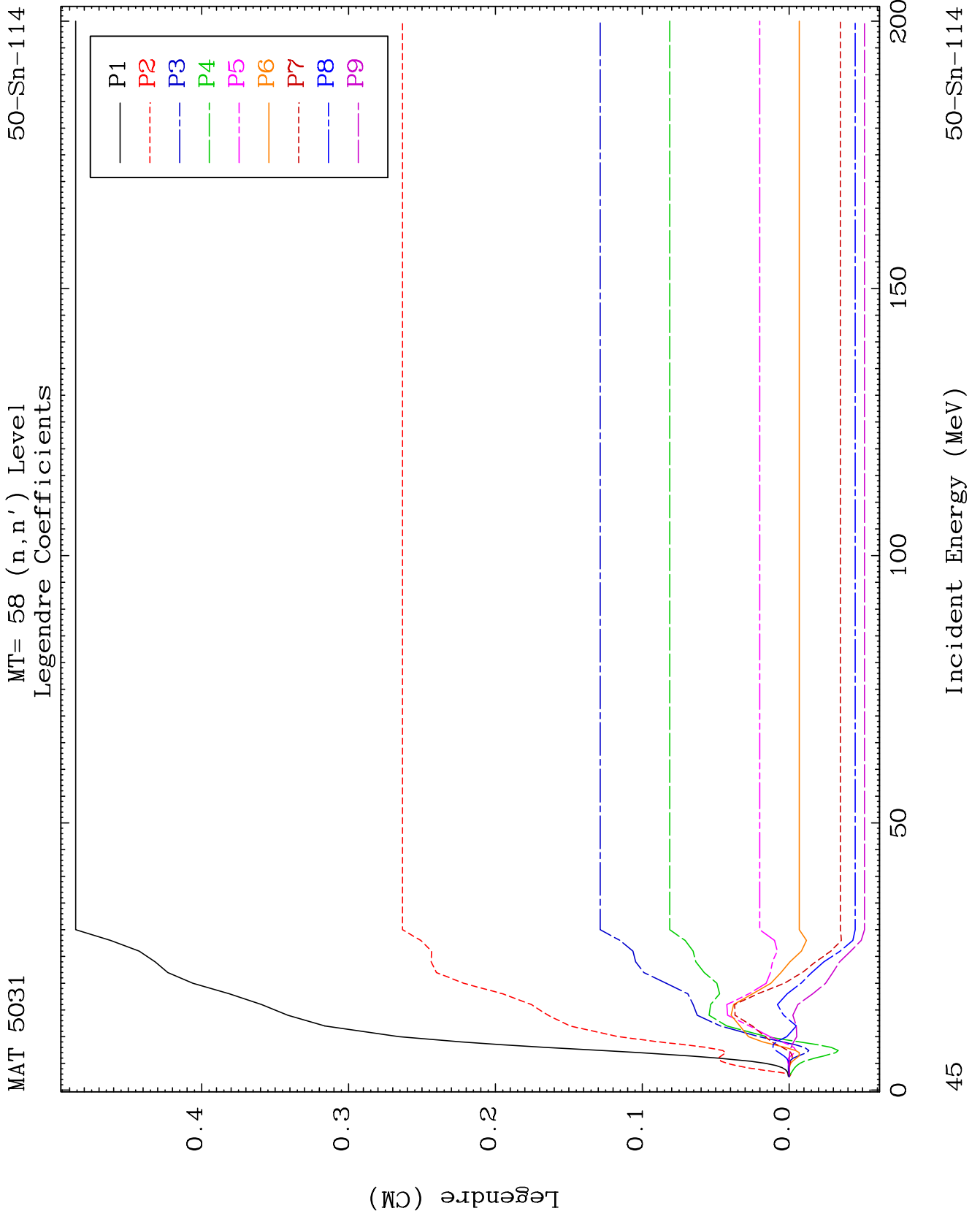








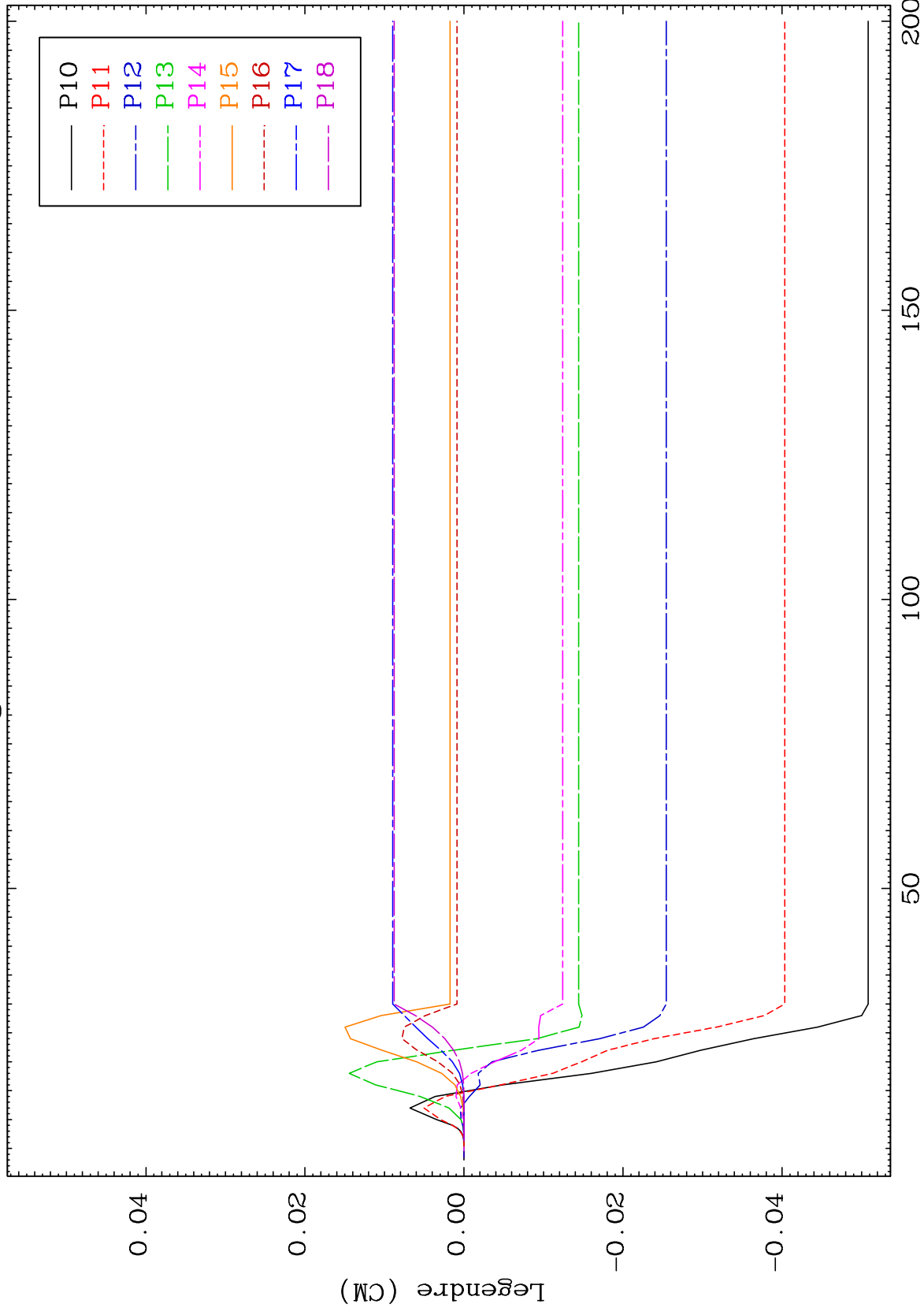




MAT 5031

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

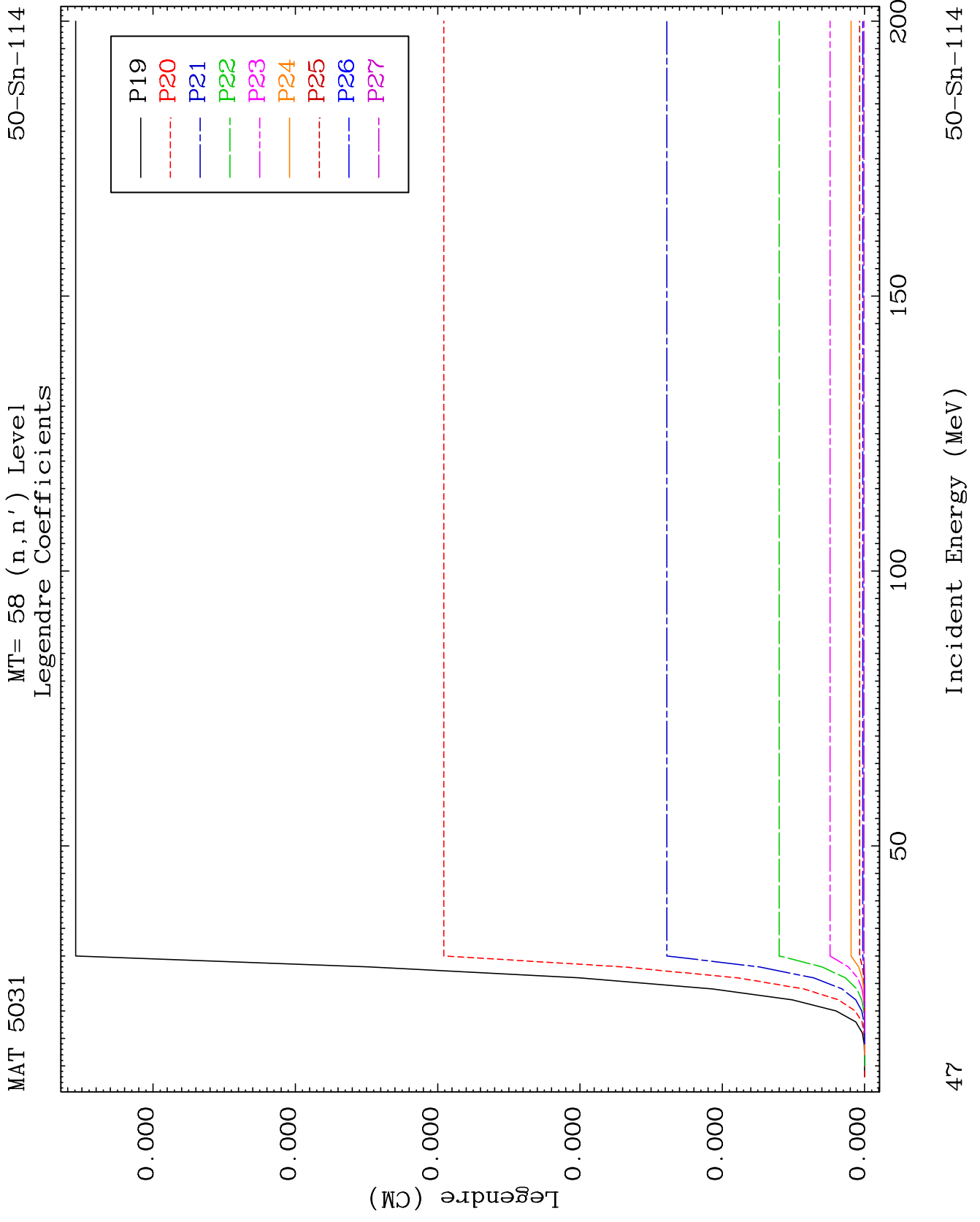
50-Sn-114

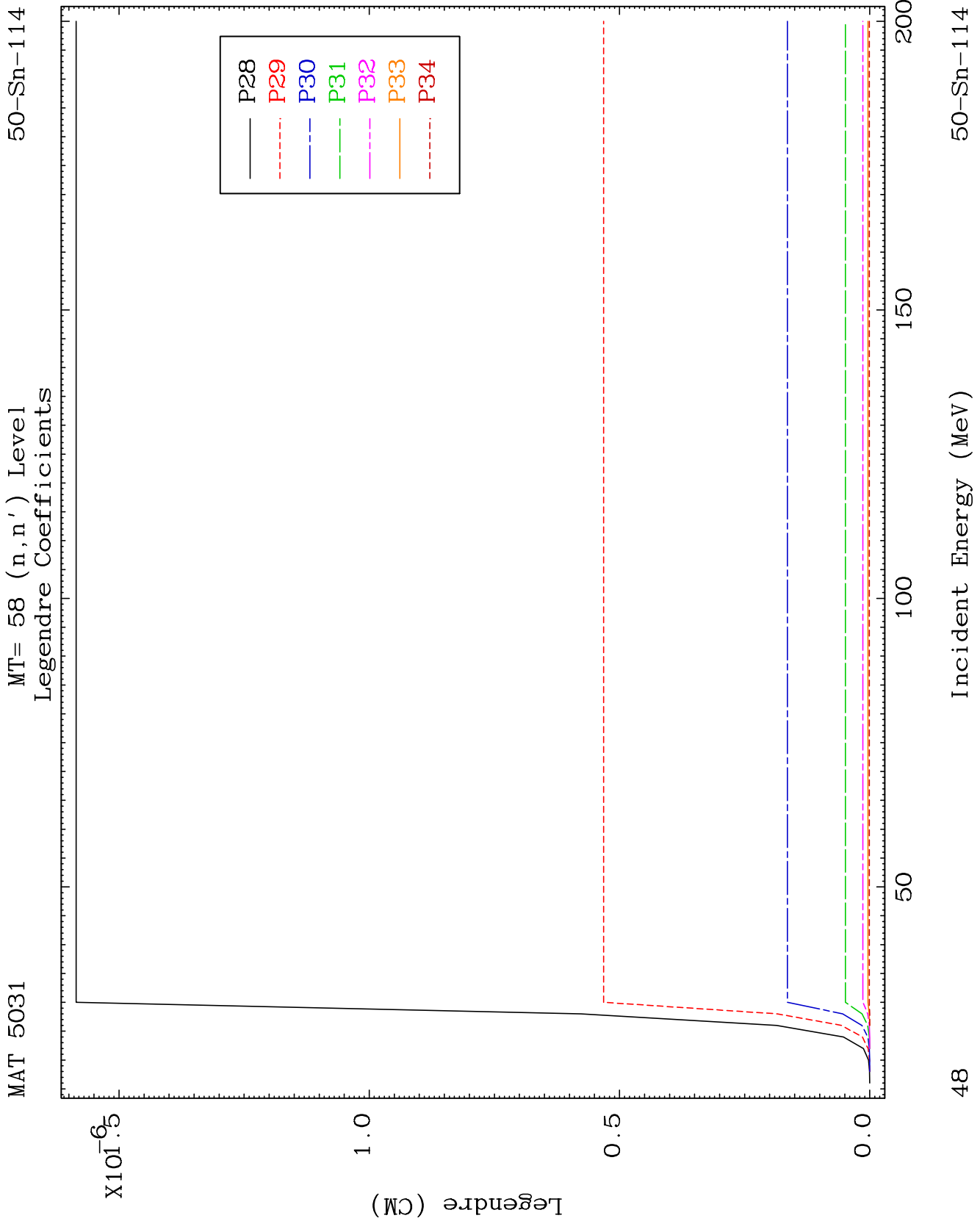


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Incident Energy (MeV)

50-Sn-114

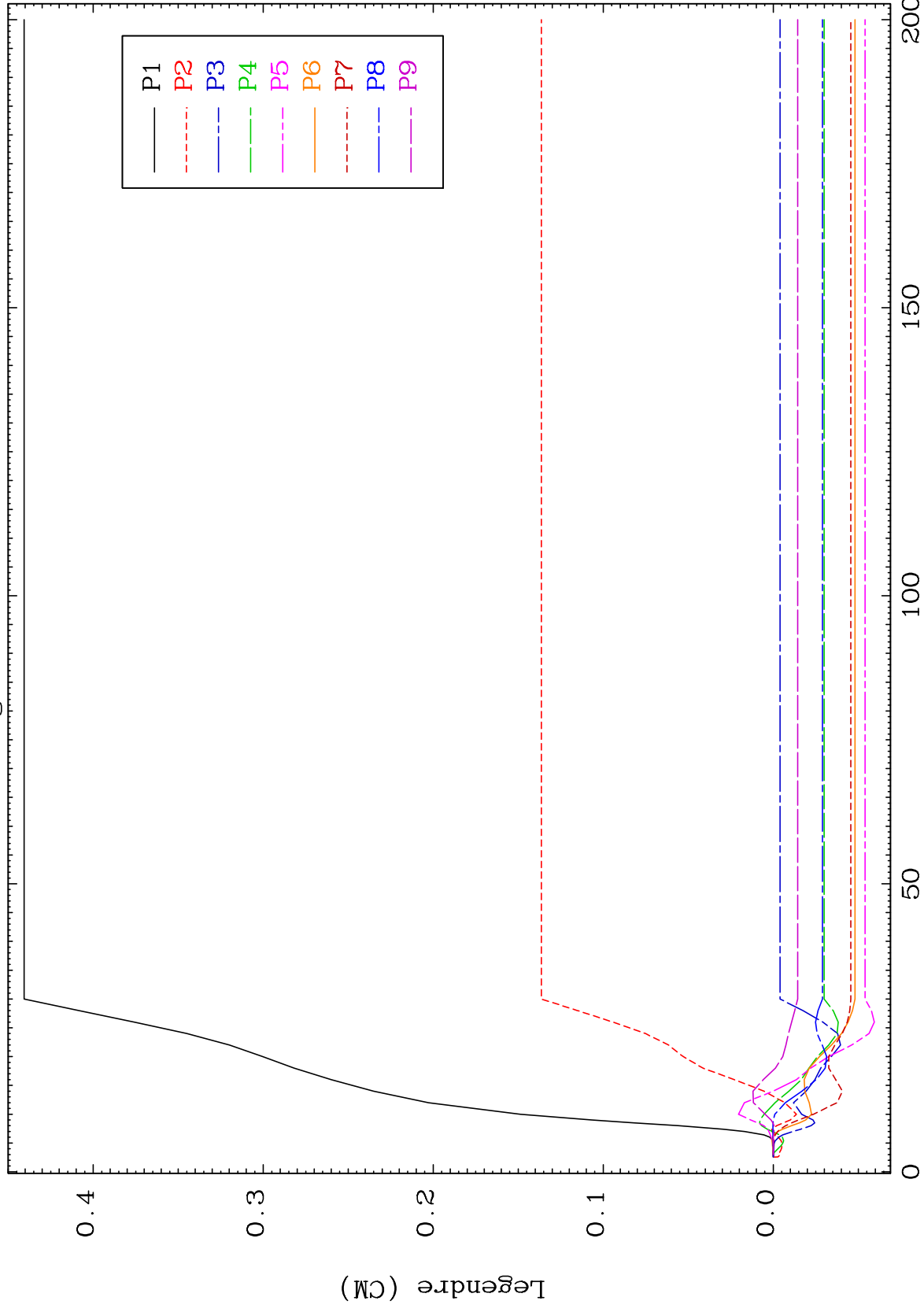




MAT 5031

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

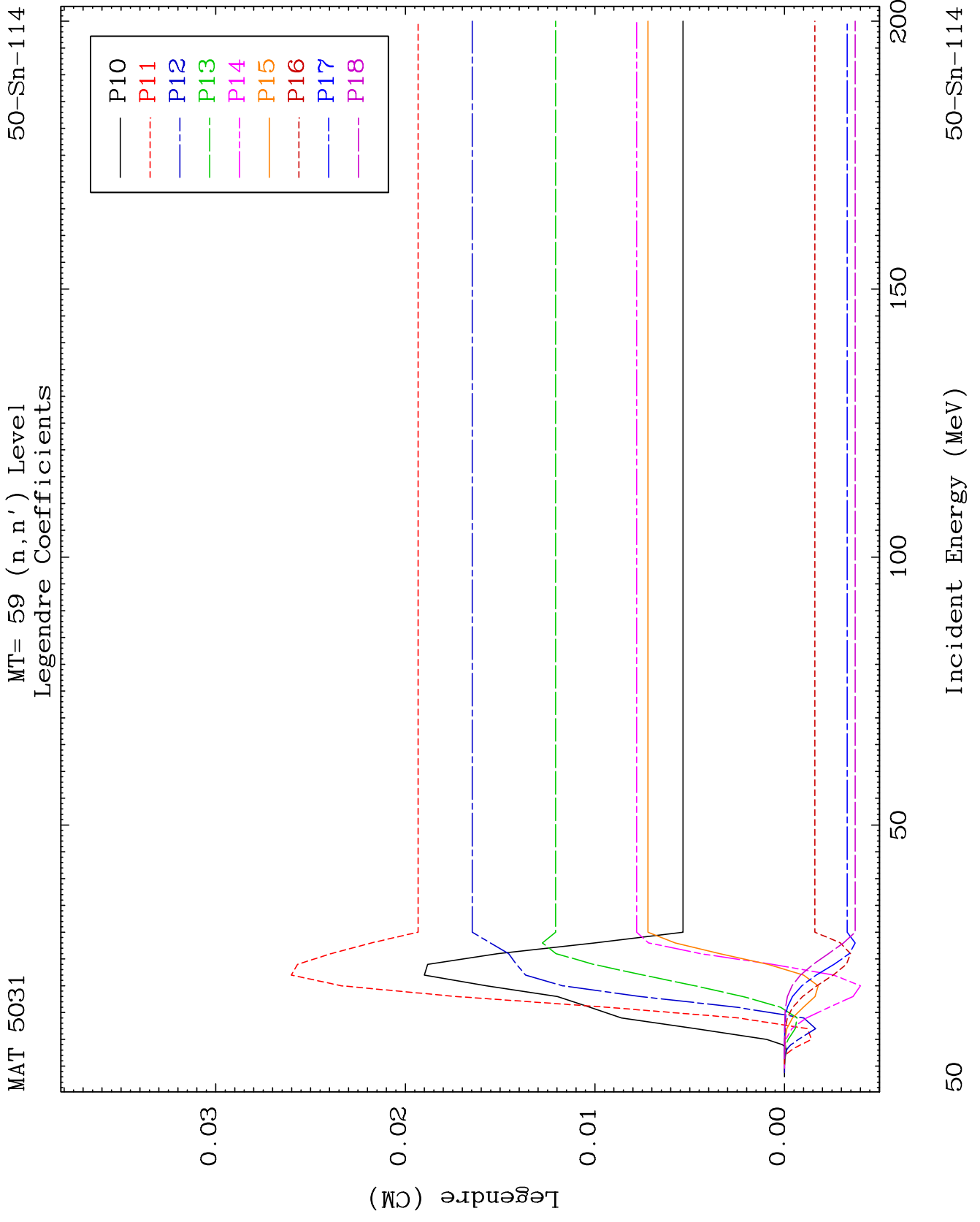
50-Sn-114

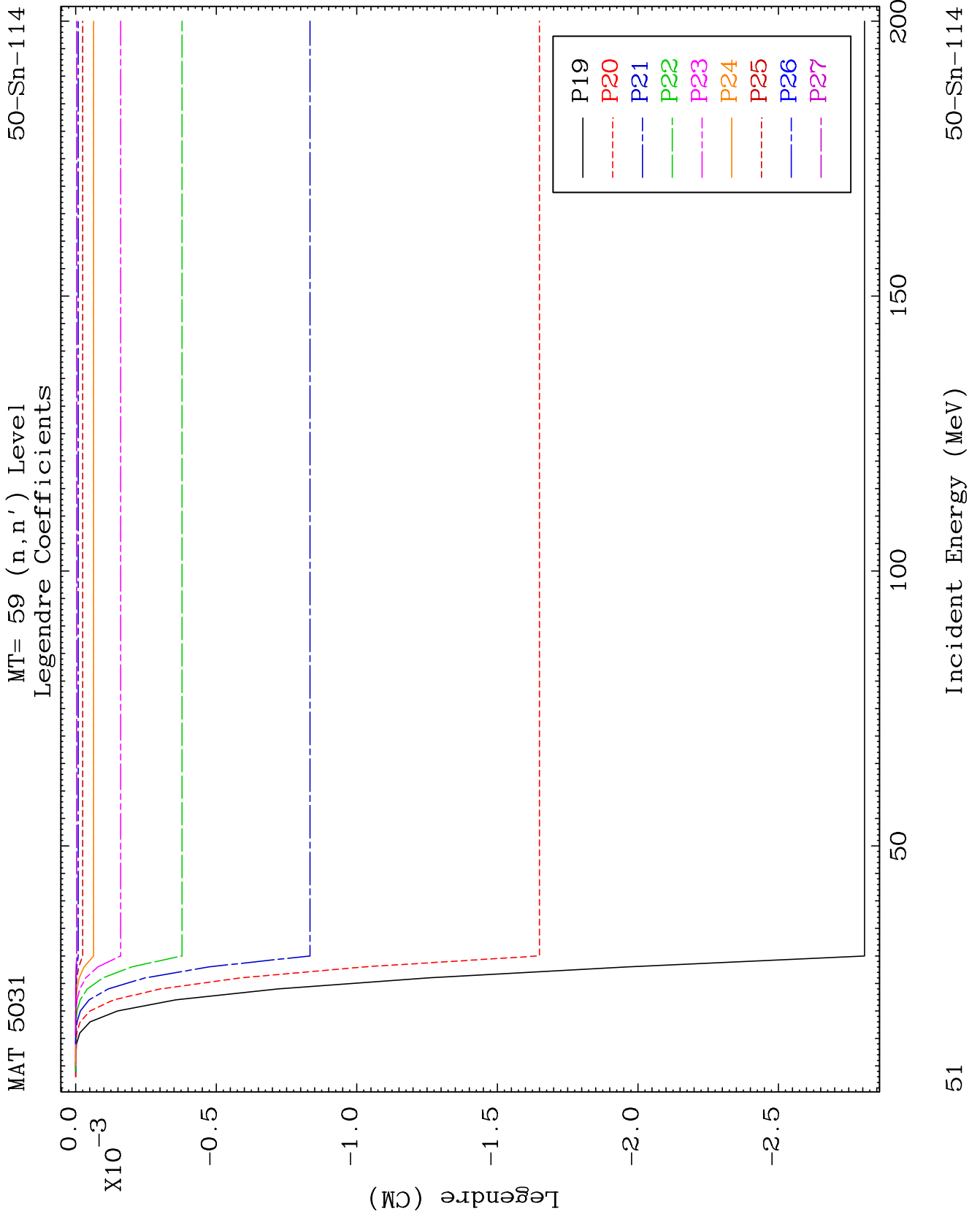


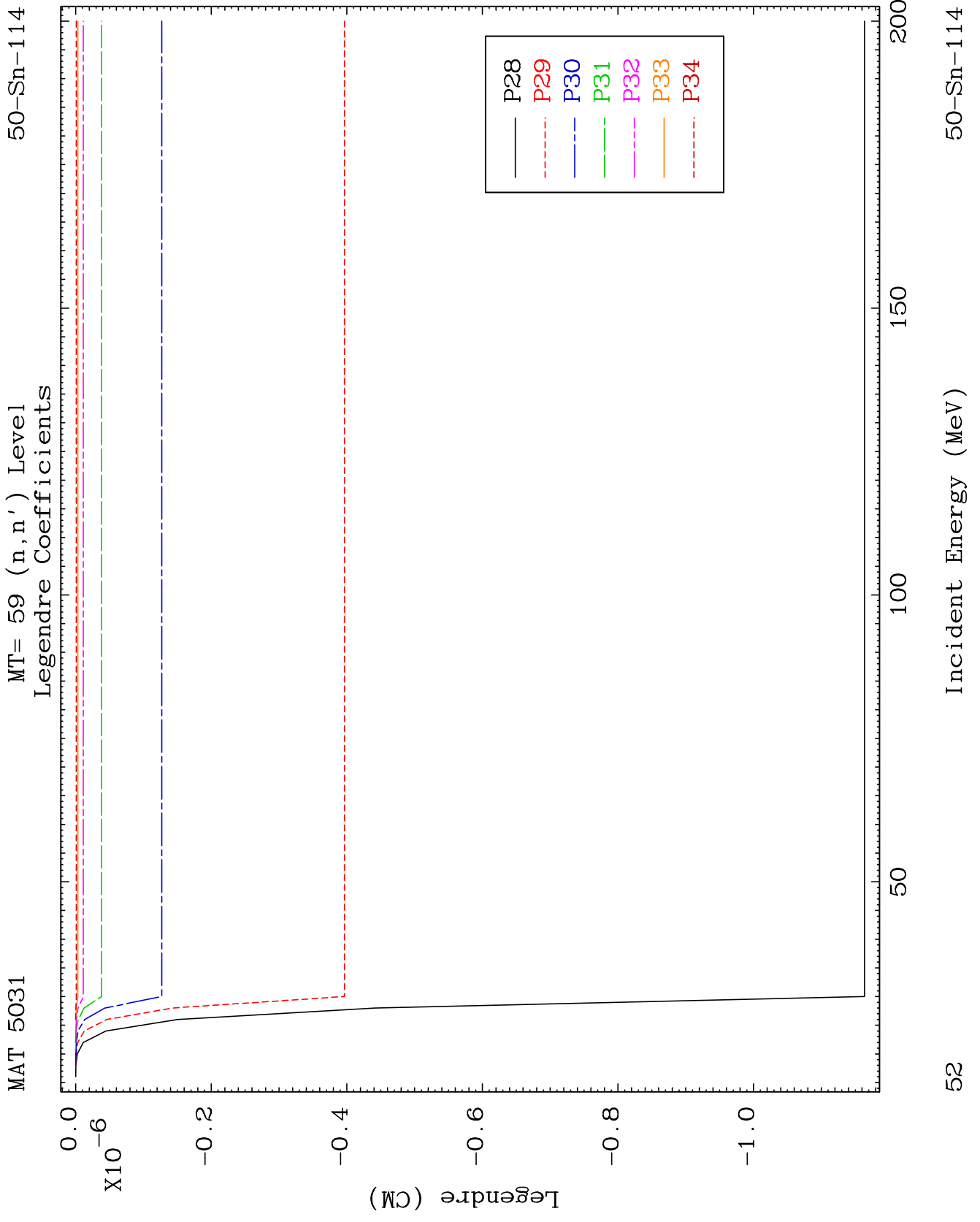
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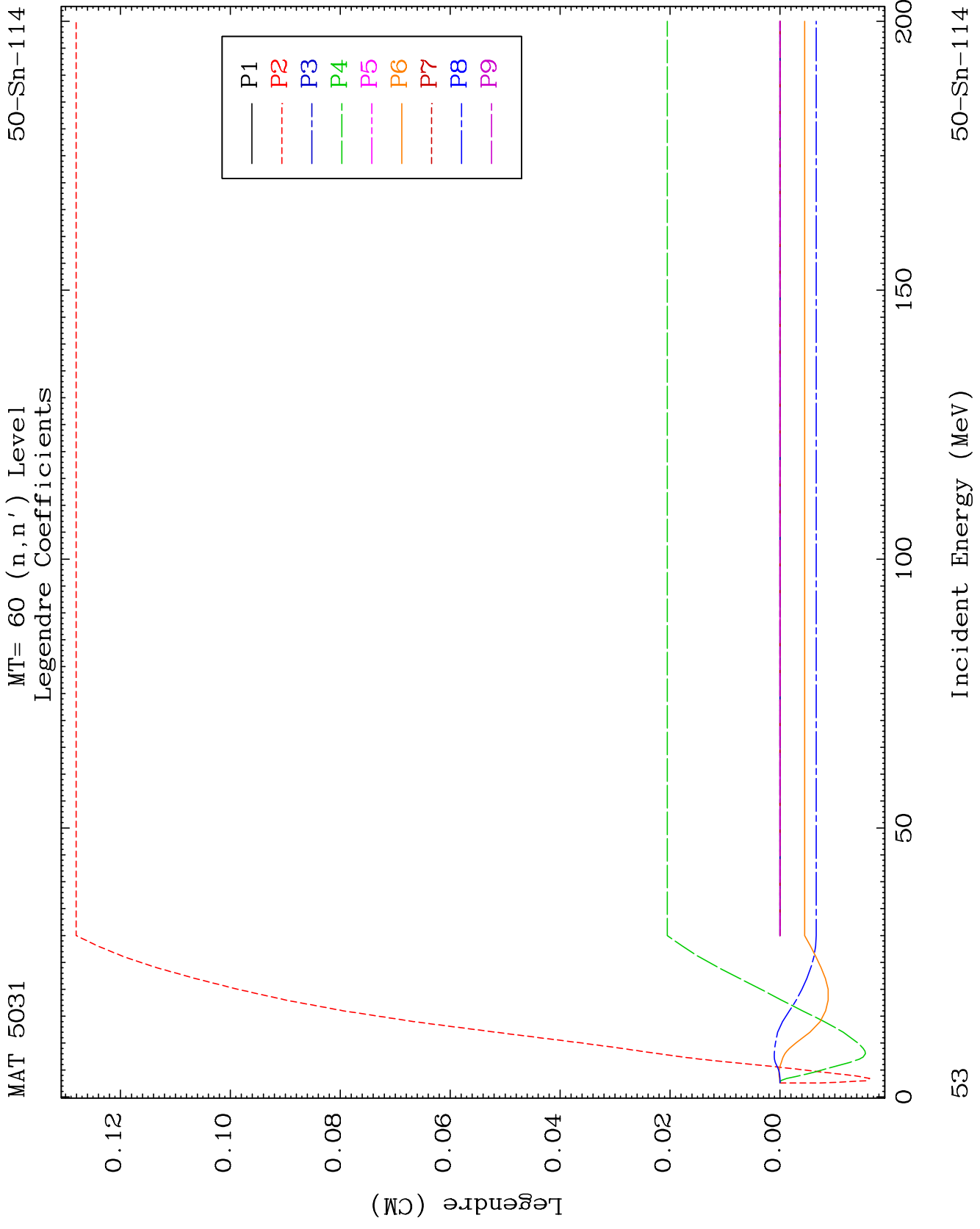
Incident Energy (MeV)

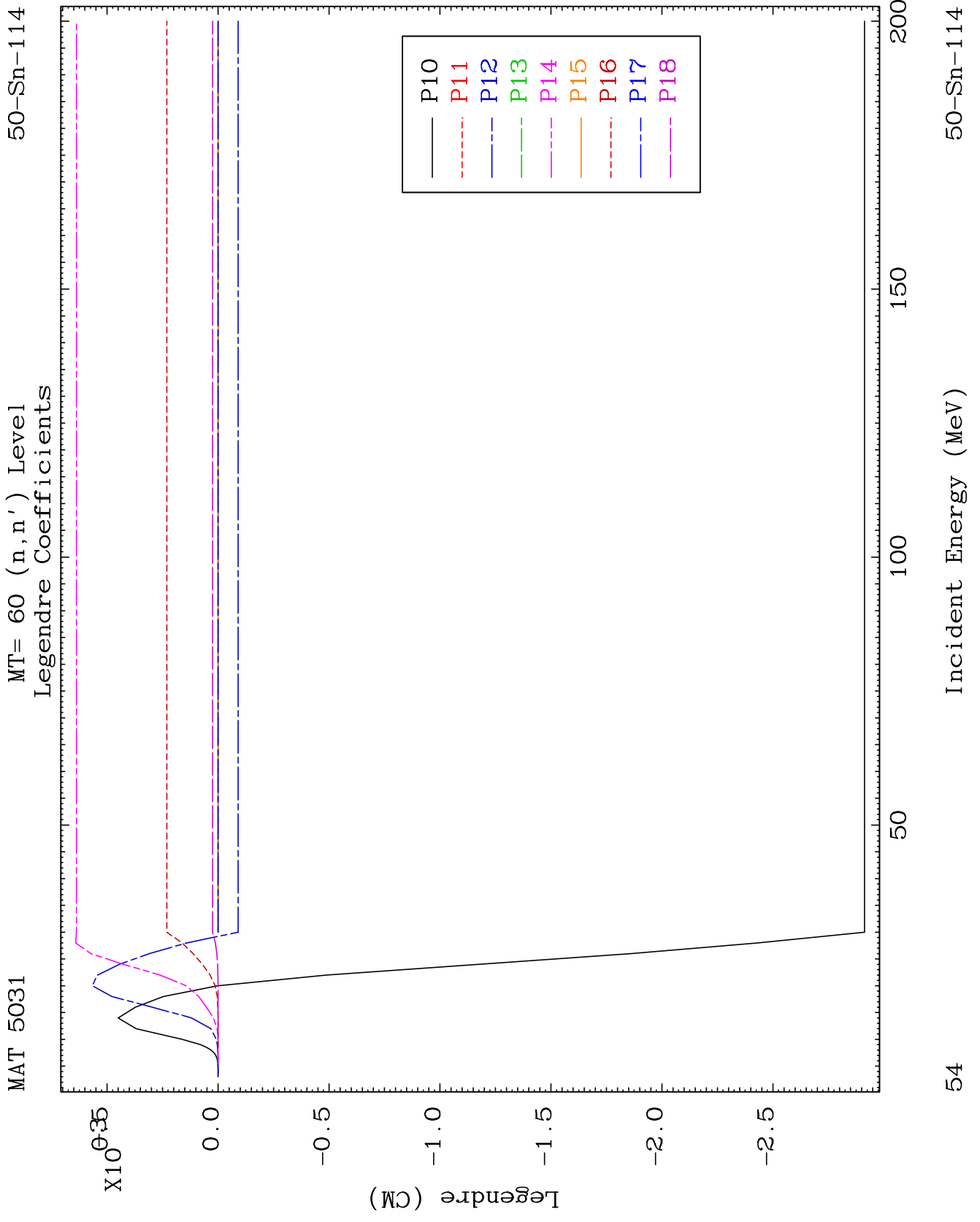
50-Sn-114

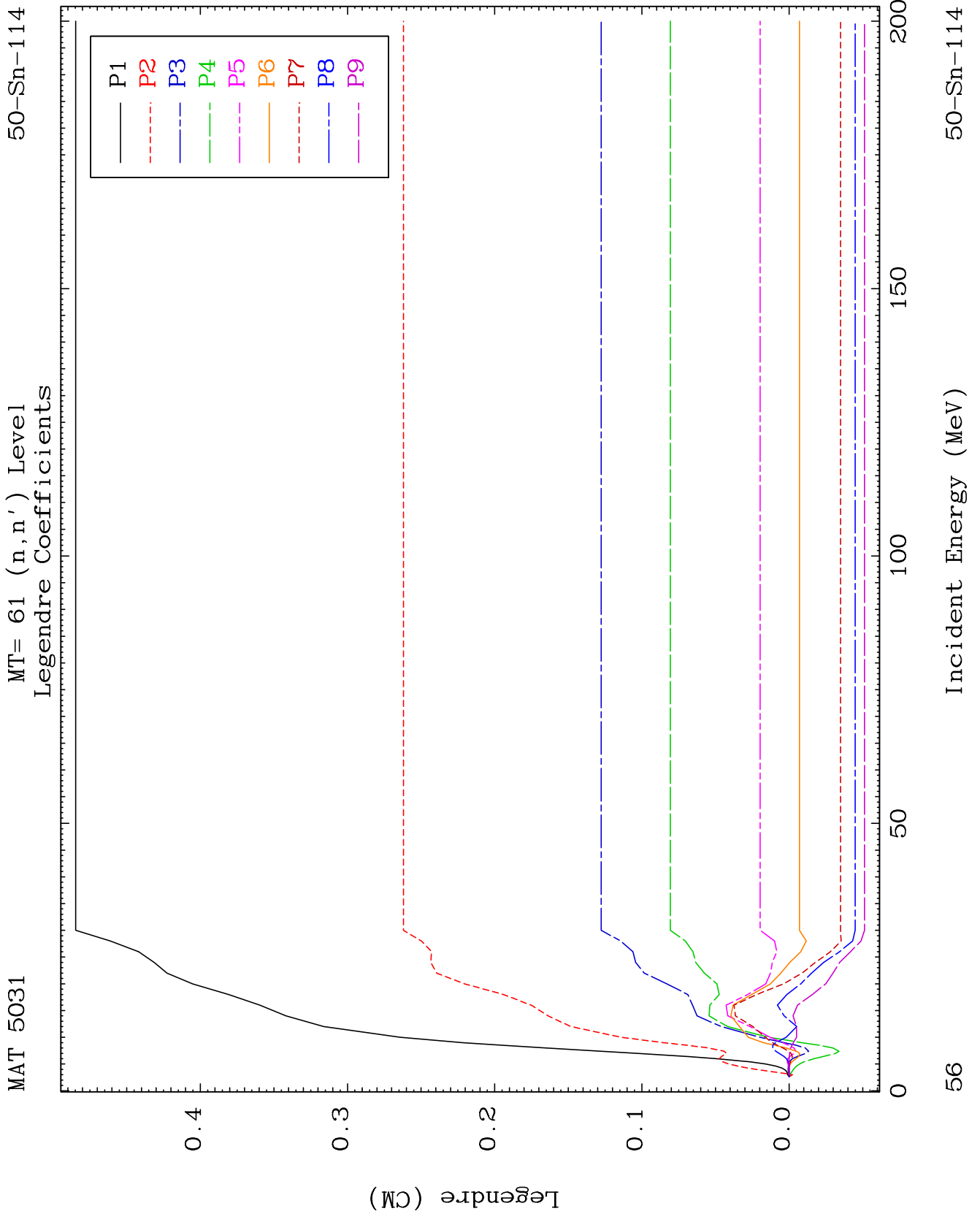








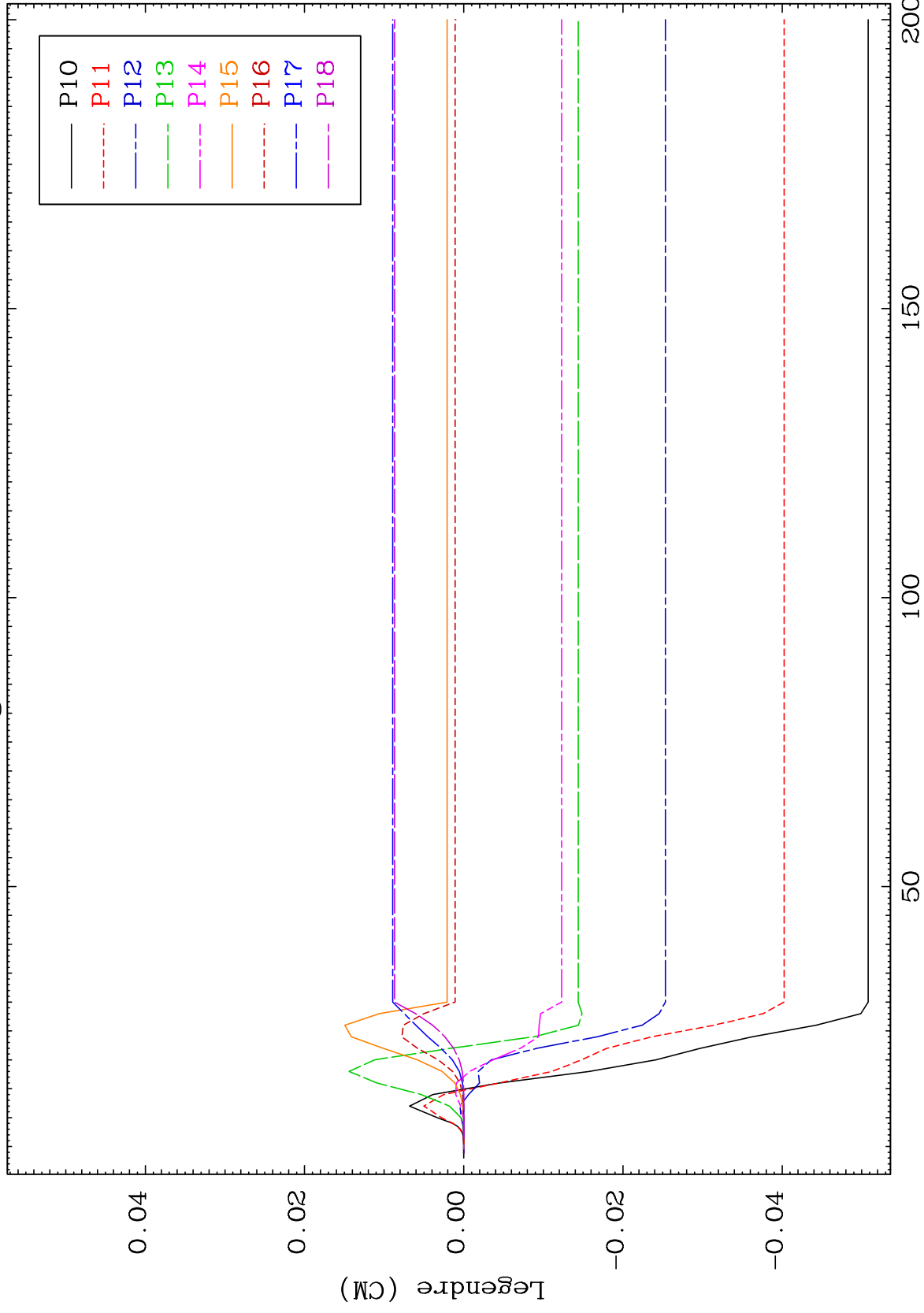




MAT 5031

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

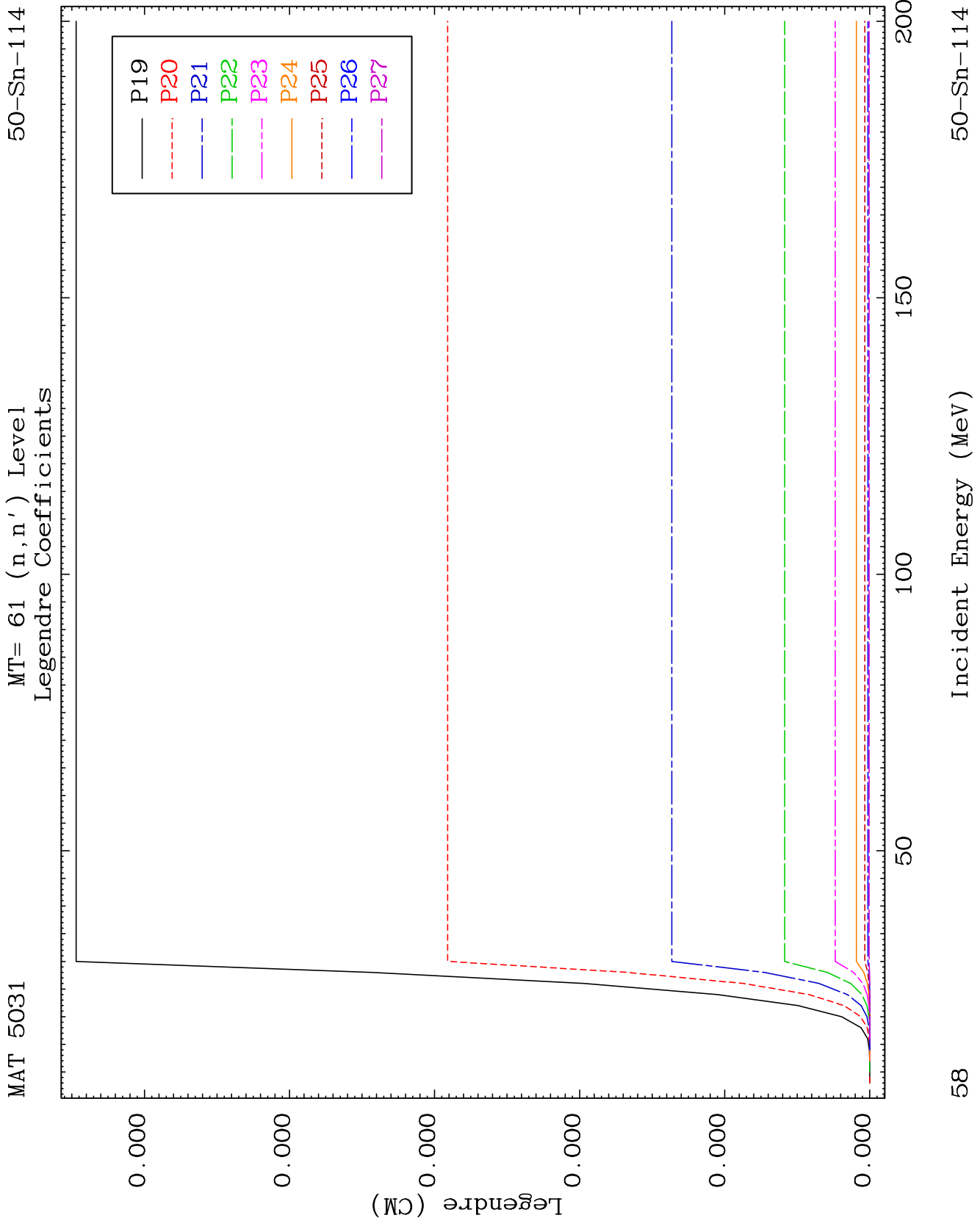
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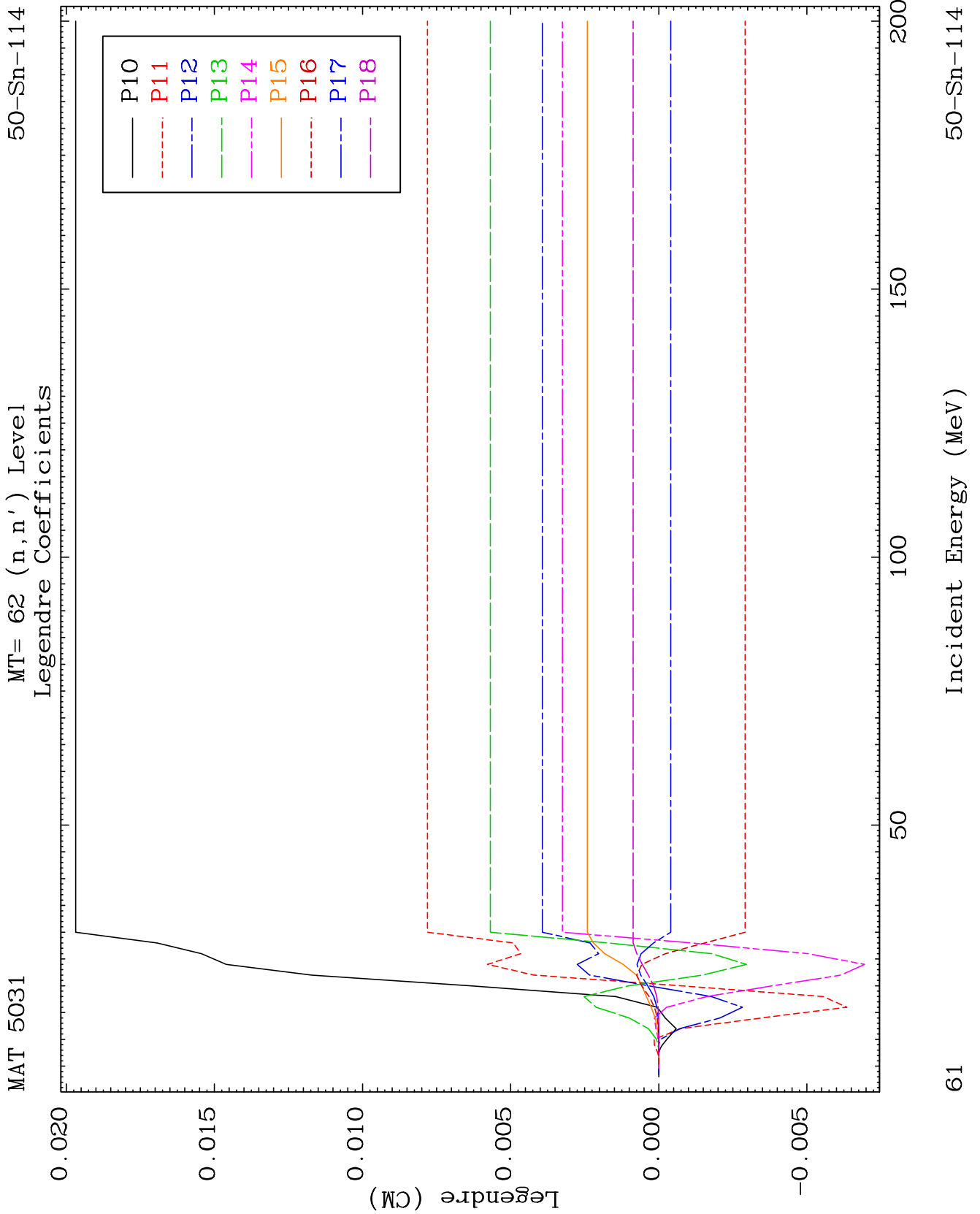


57

Incident Energy (MeV)

50-Sn-114

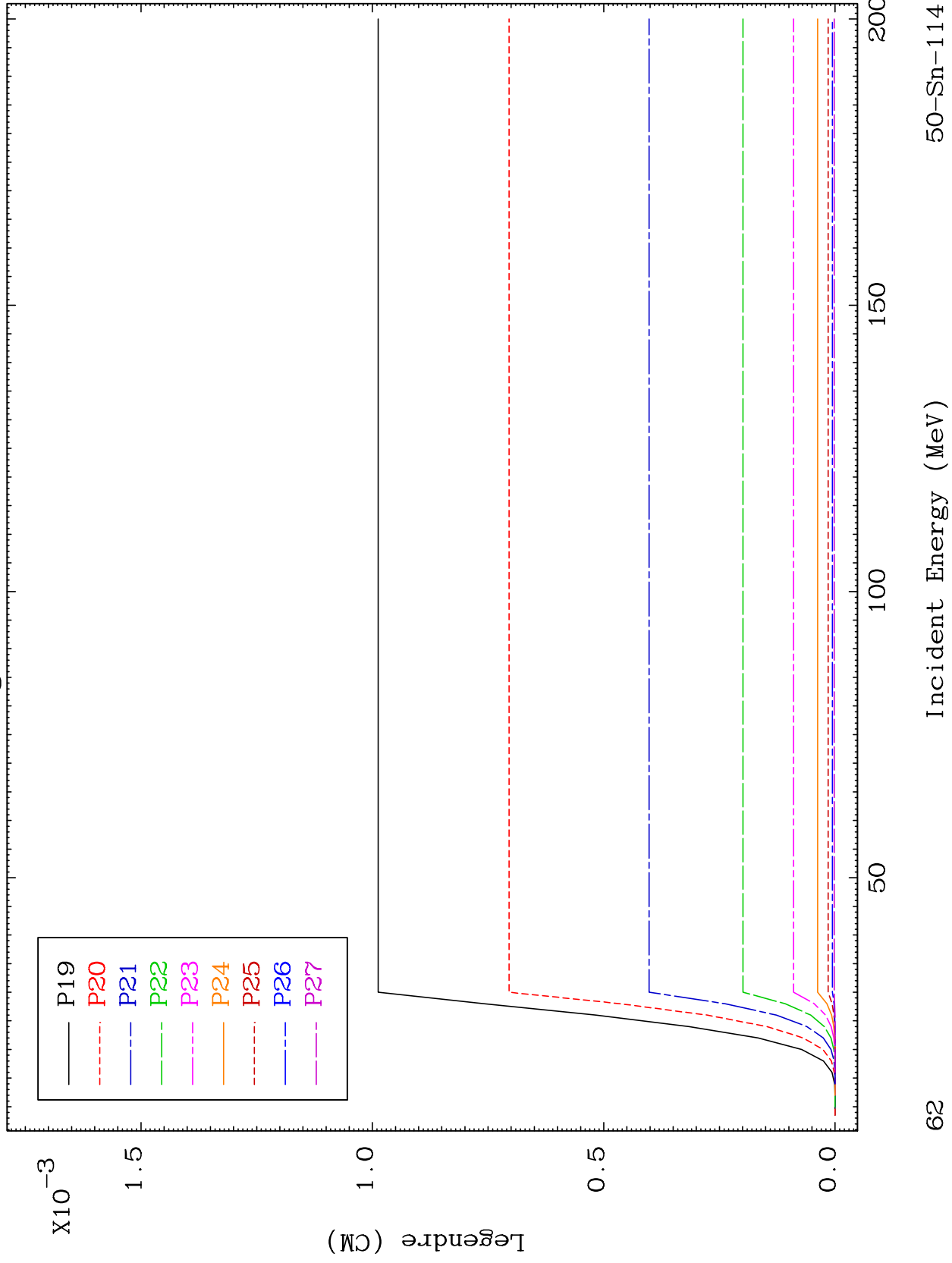


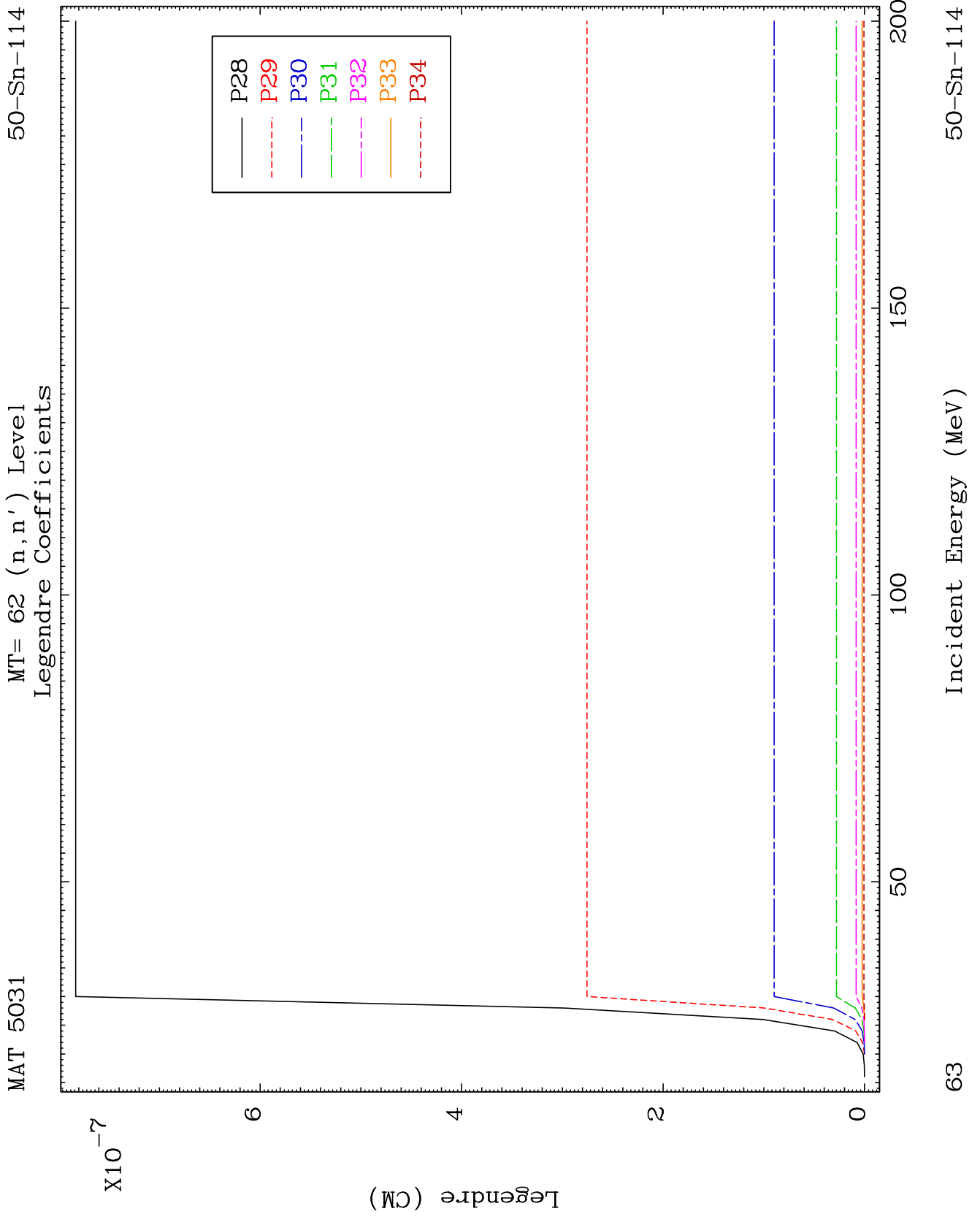


MAT 5031

MT= 62 (n,n') Level
Legendre Coefficients

50-Sn-114

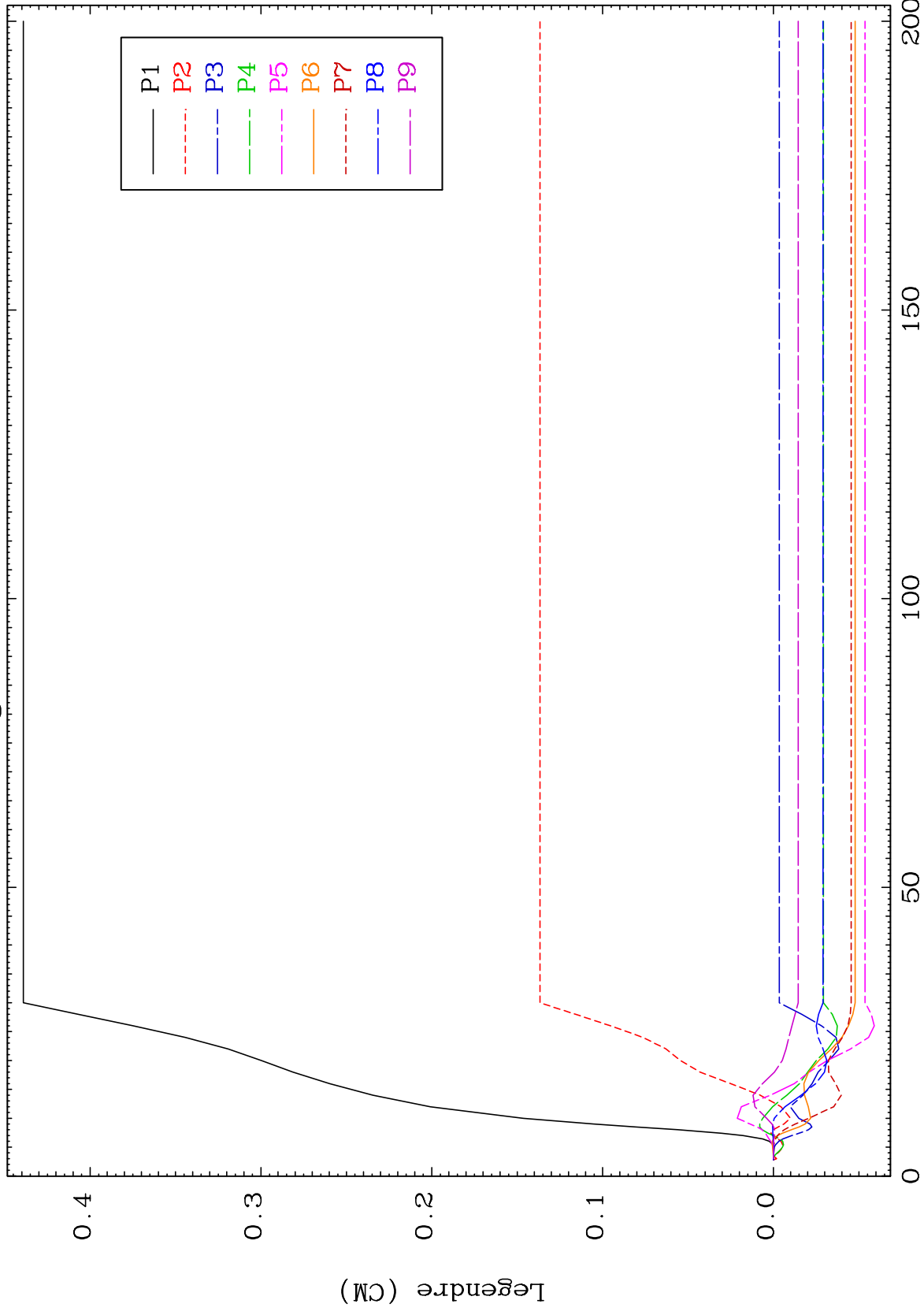




MAT 5031

MT= 63 (n,n') Level
Legendre Coefficients

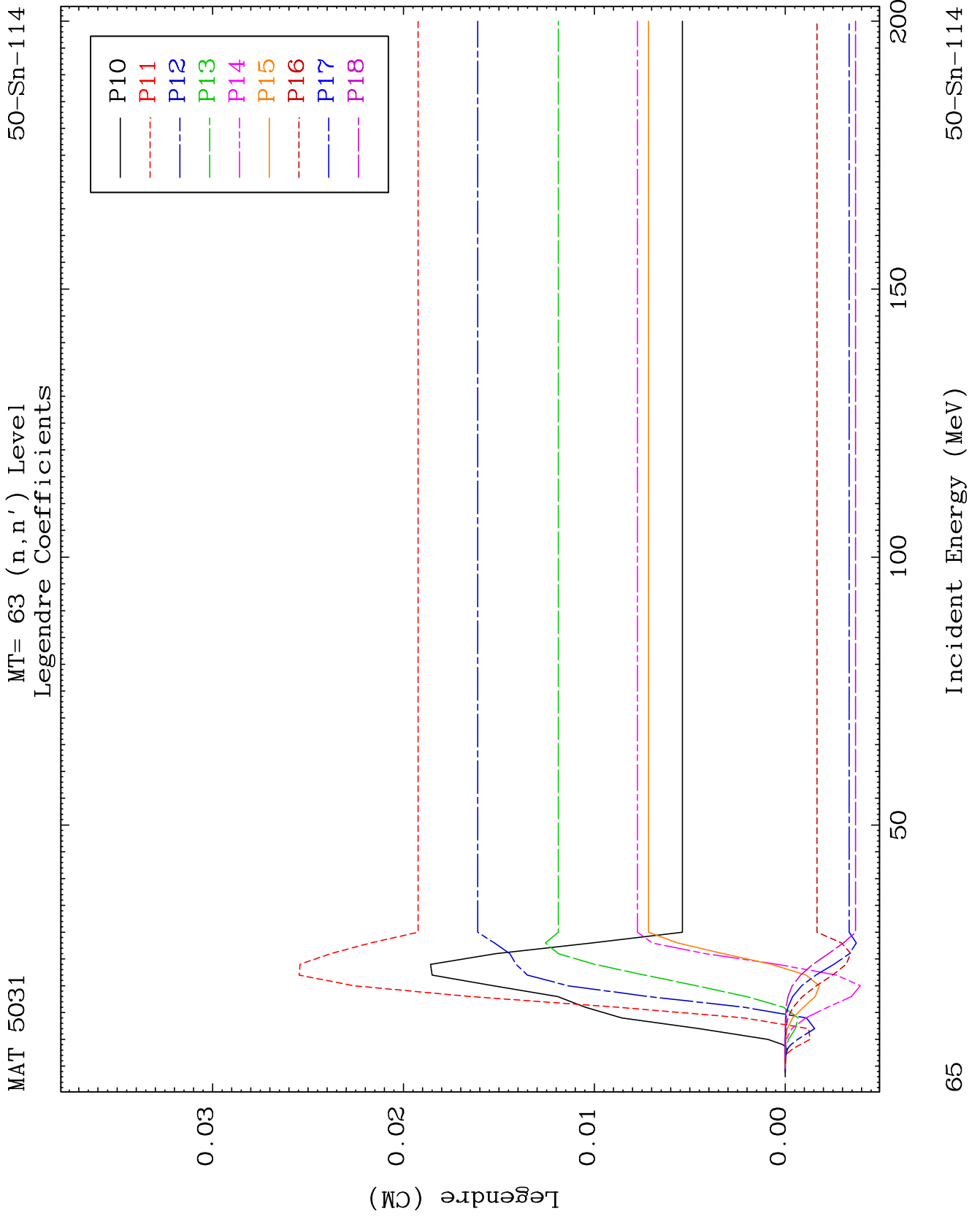
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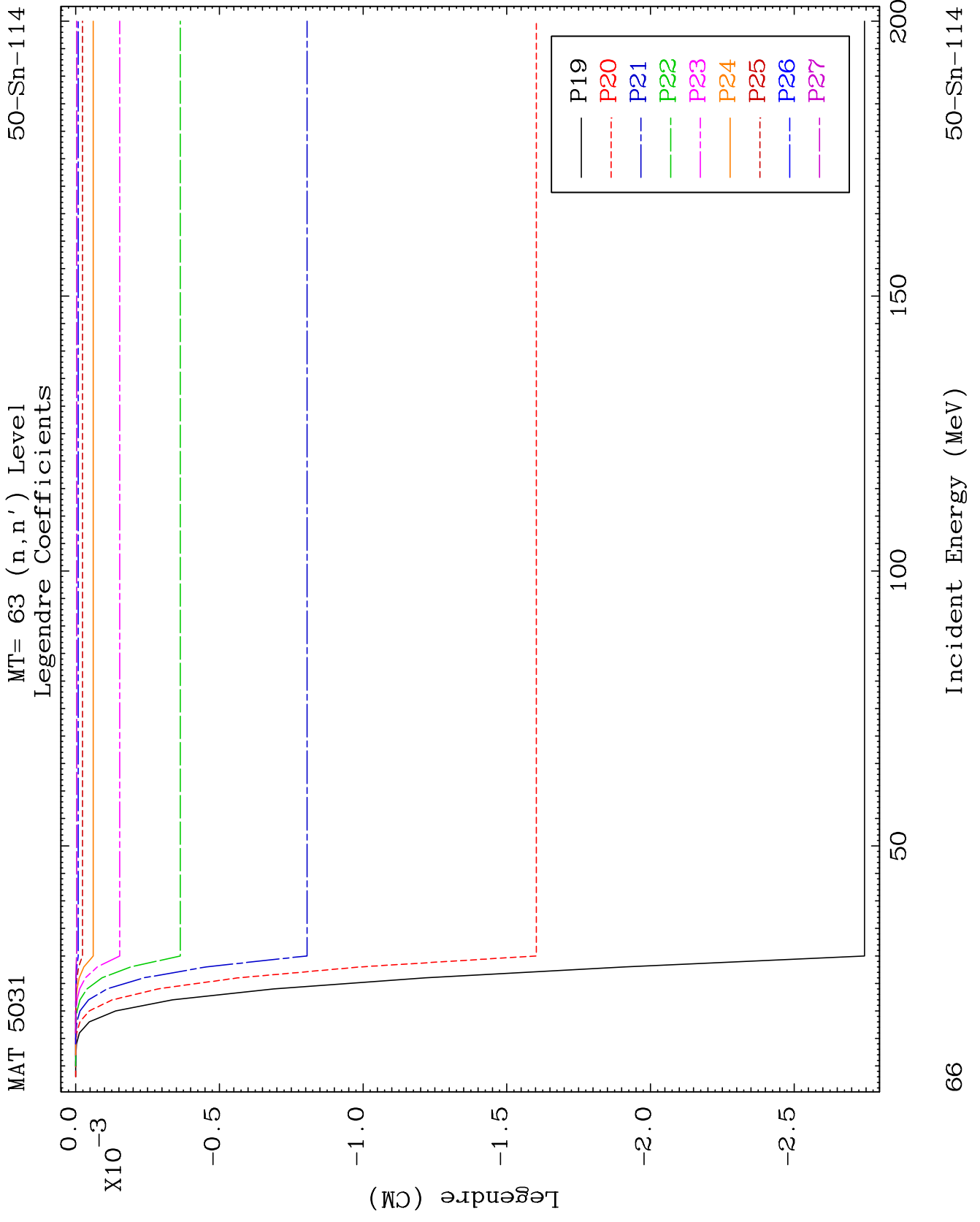


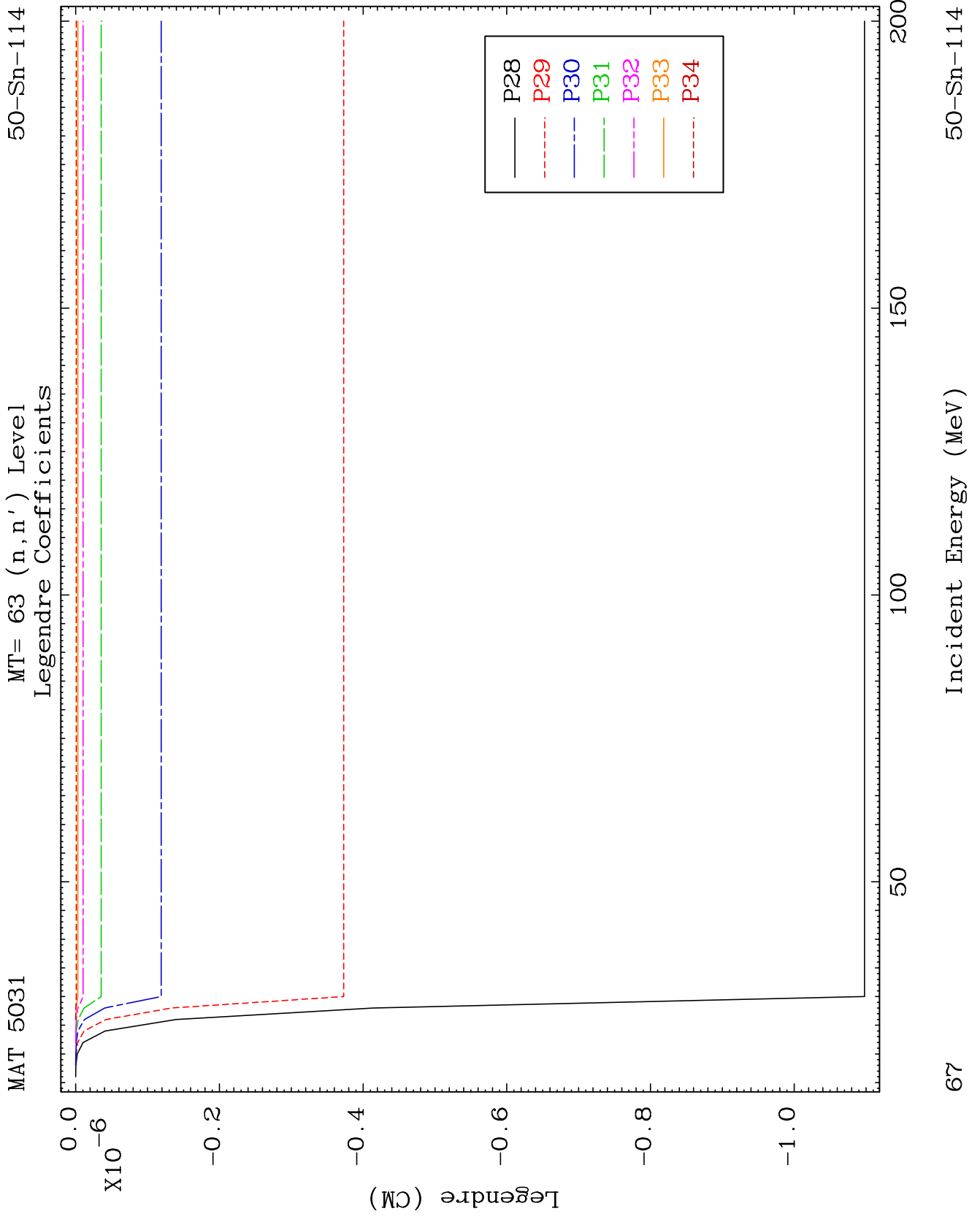
50-Sn-114

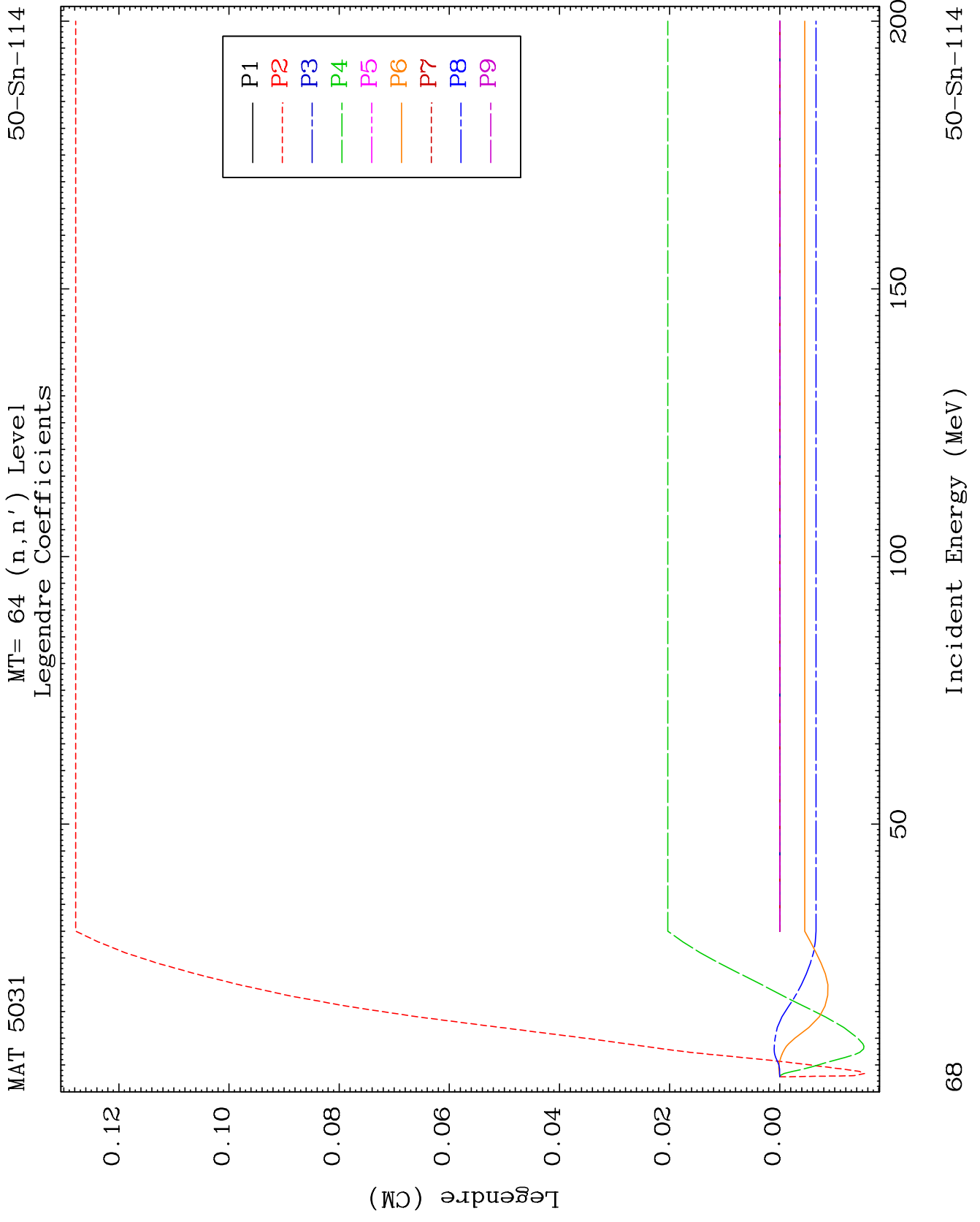
Incident Energy (MeV)

64







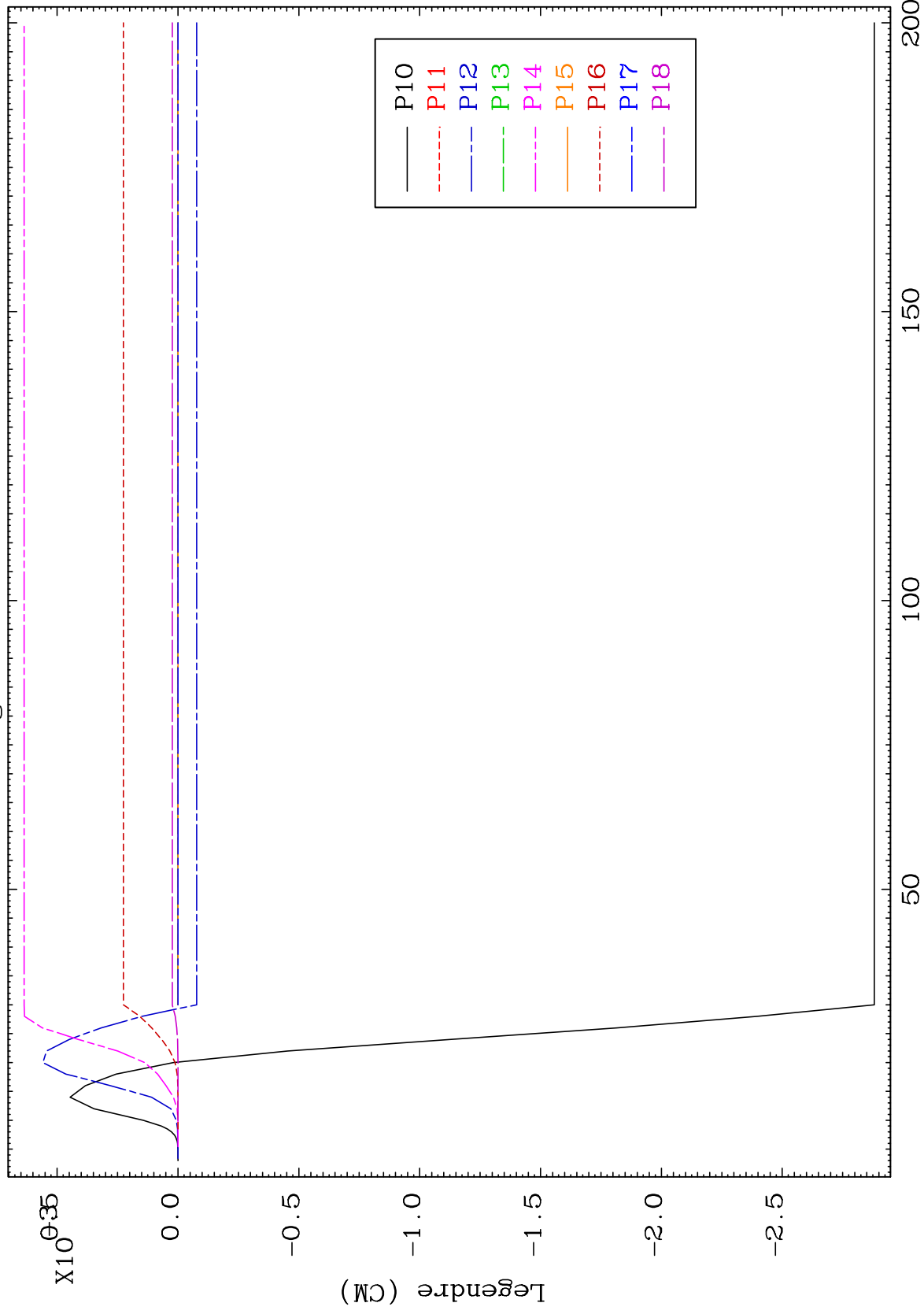


MAT 5031

MT= 64 (n,n') Level

50-Sn-114

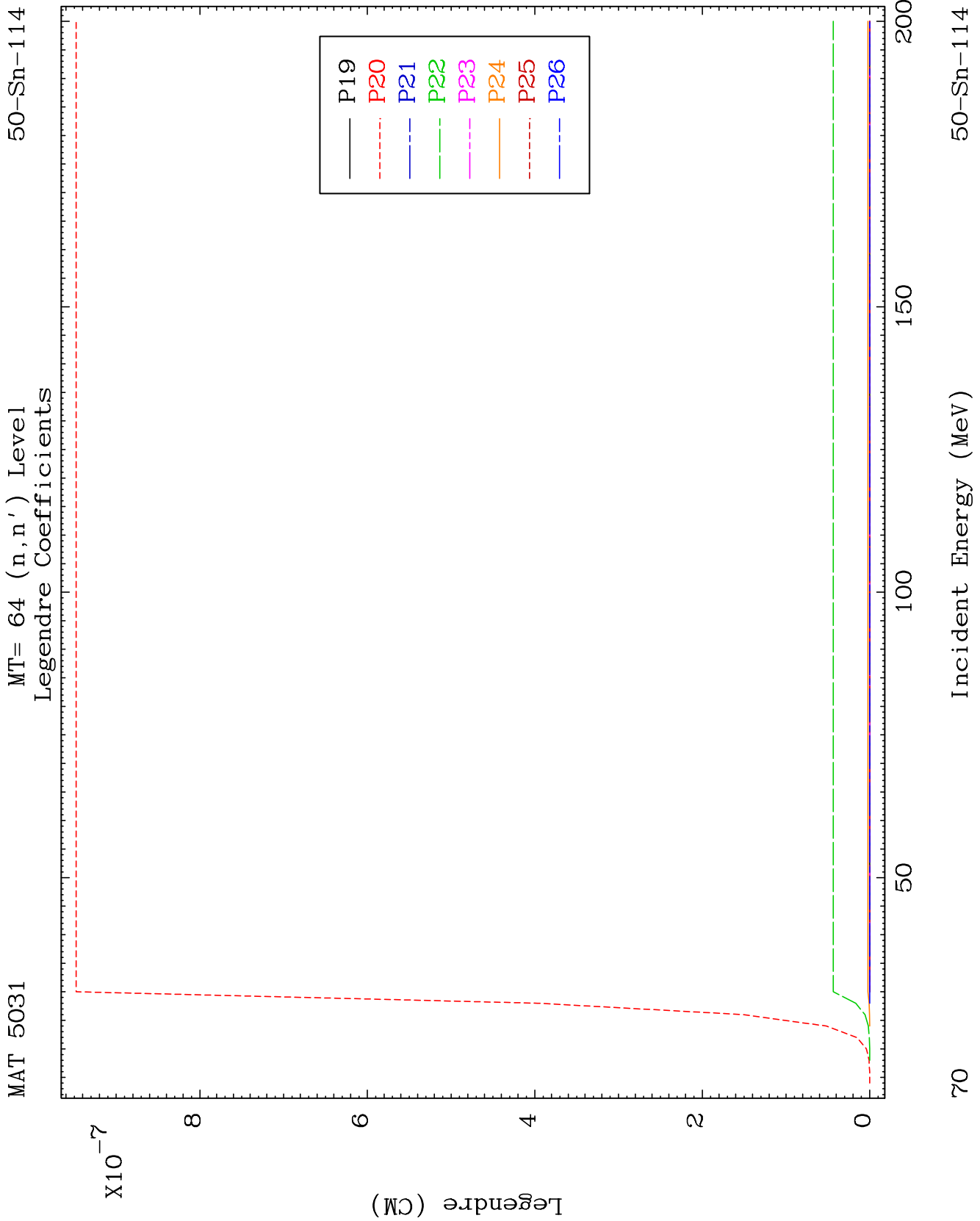
Legendre Coefficients



69

Incident Energy (MeV)

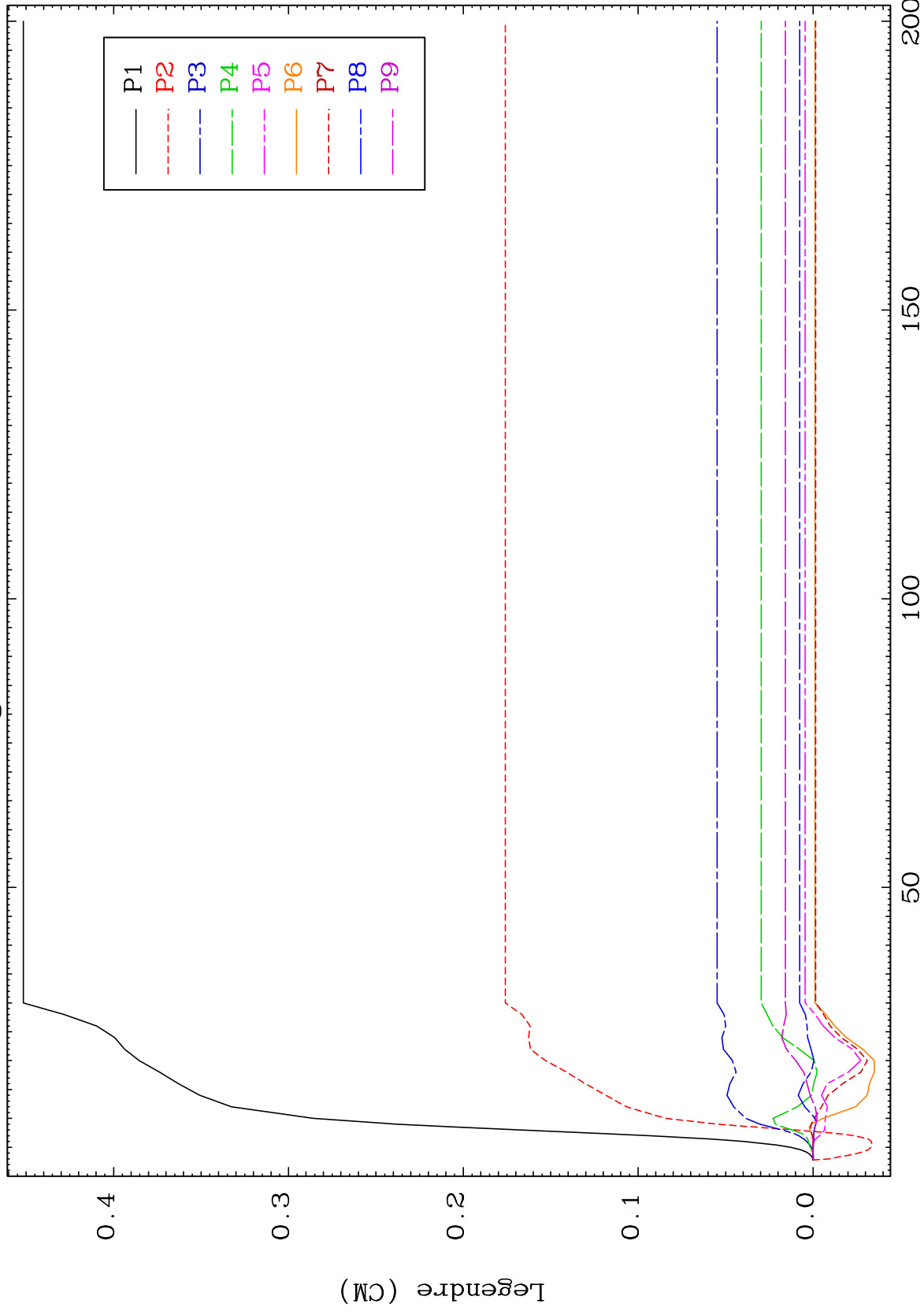
50-Sn-114



MAT 5031

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

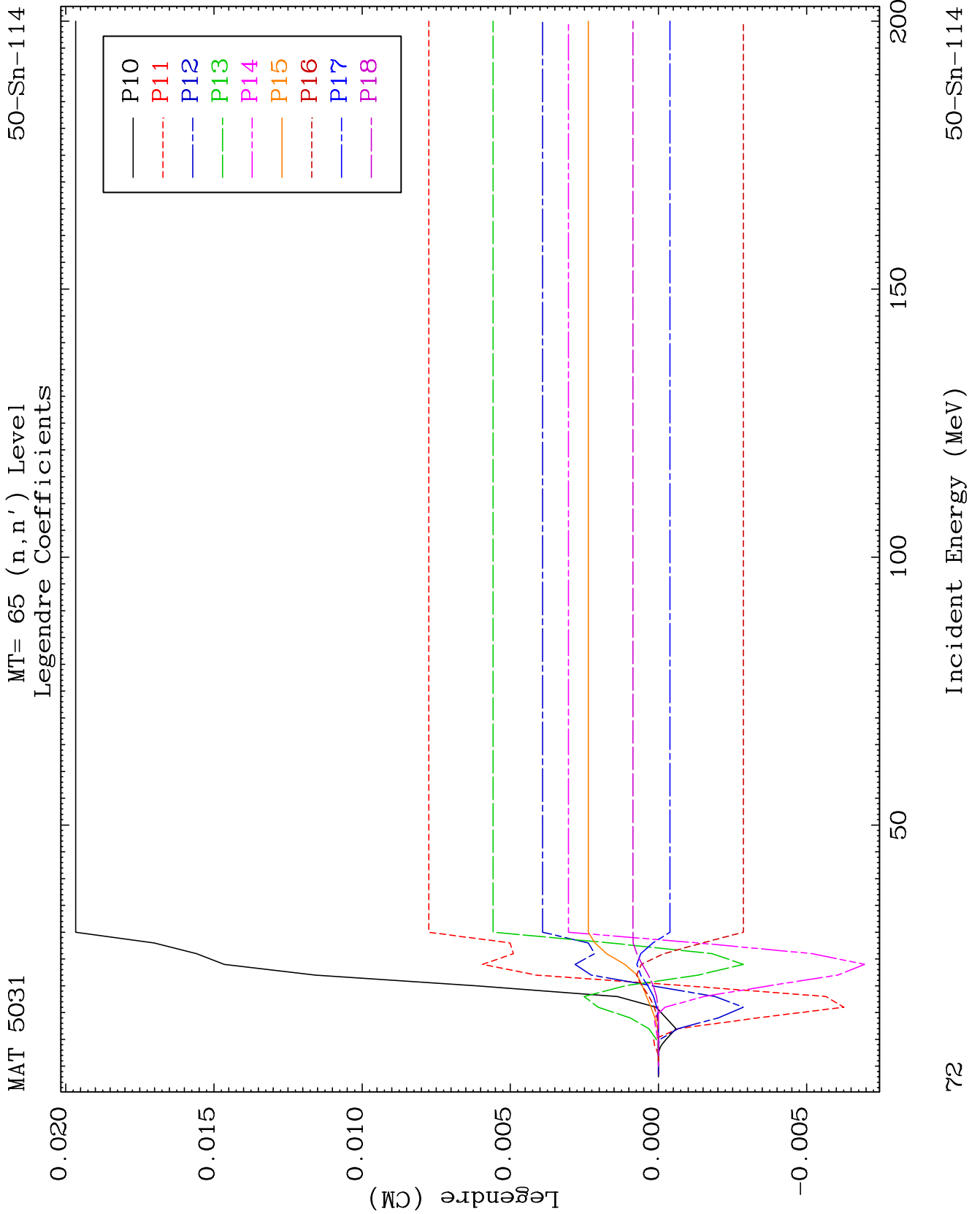
50-Sn-114



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Incident Energy (MeV)

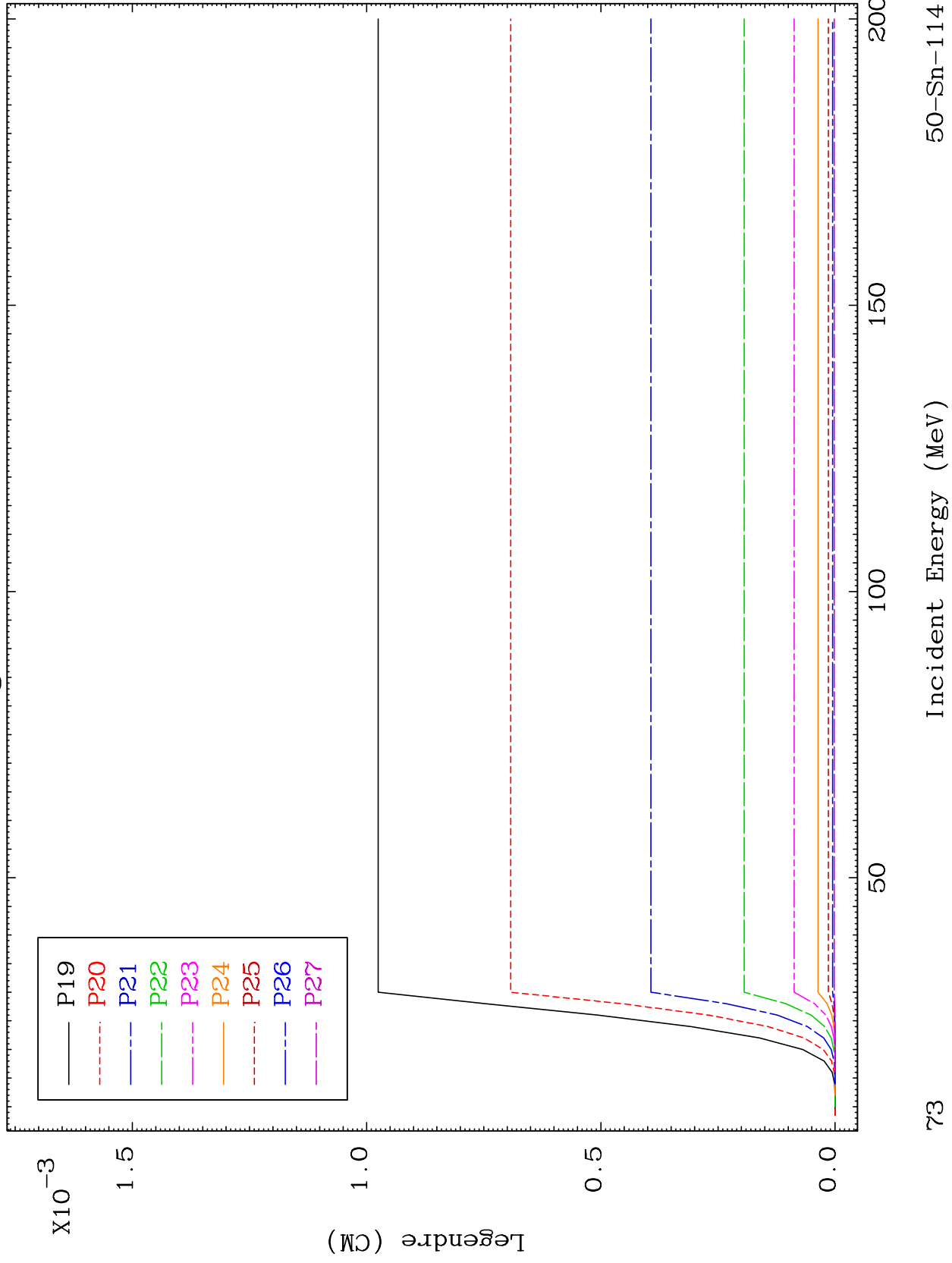
50-Sn-114

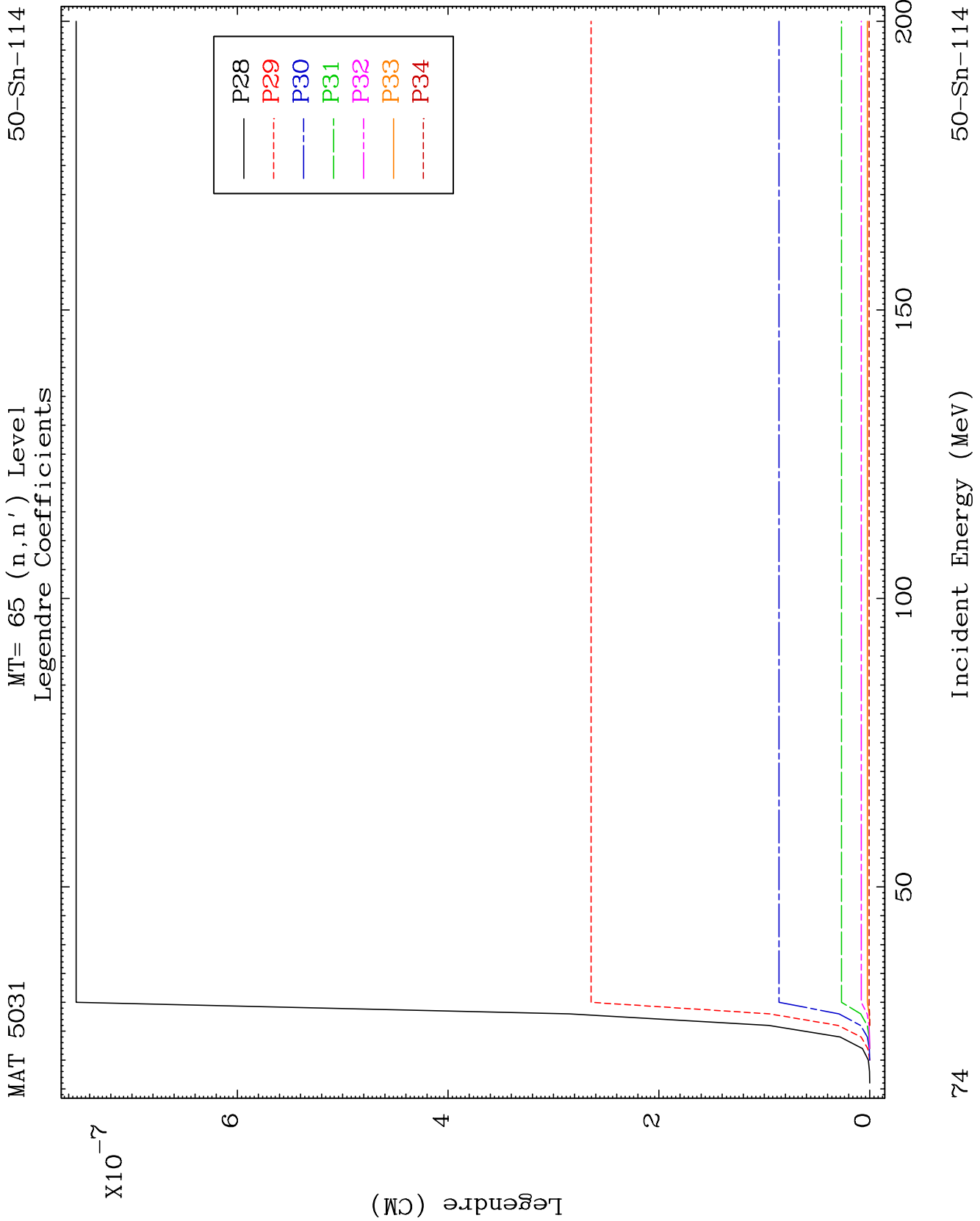


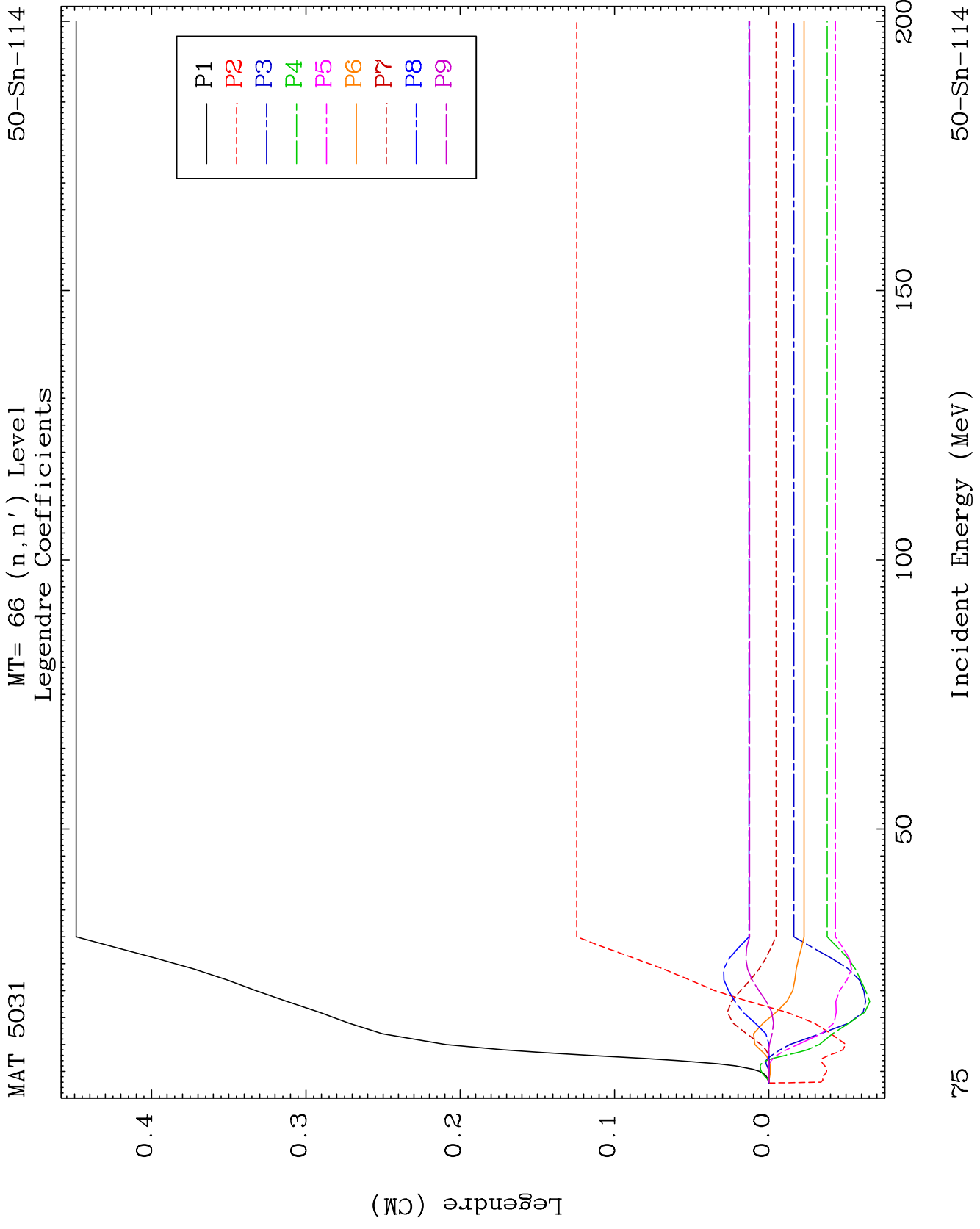
MAT 5031

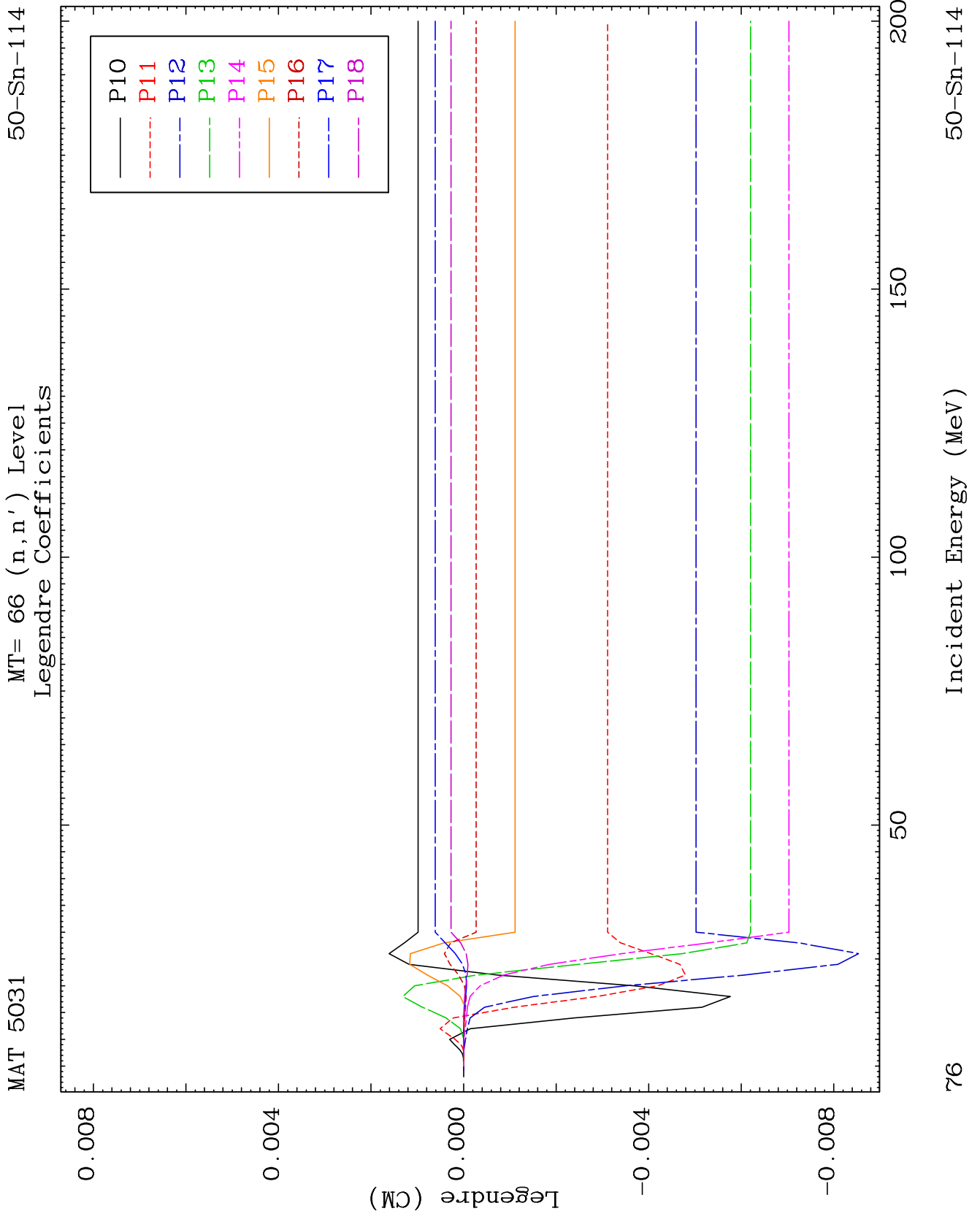
MT= 65 (n,n') Level
Legendre Coefficients

50-Sn-114





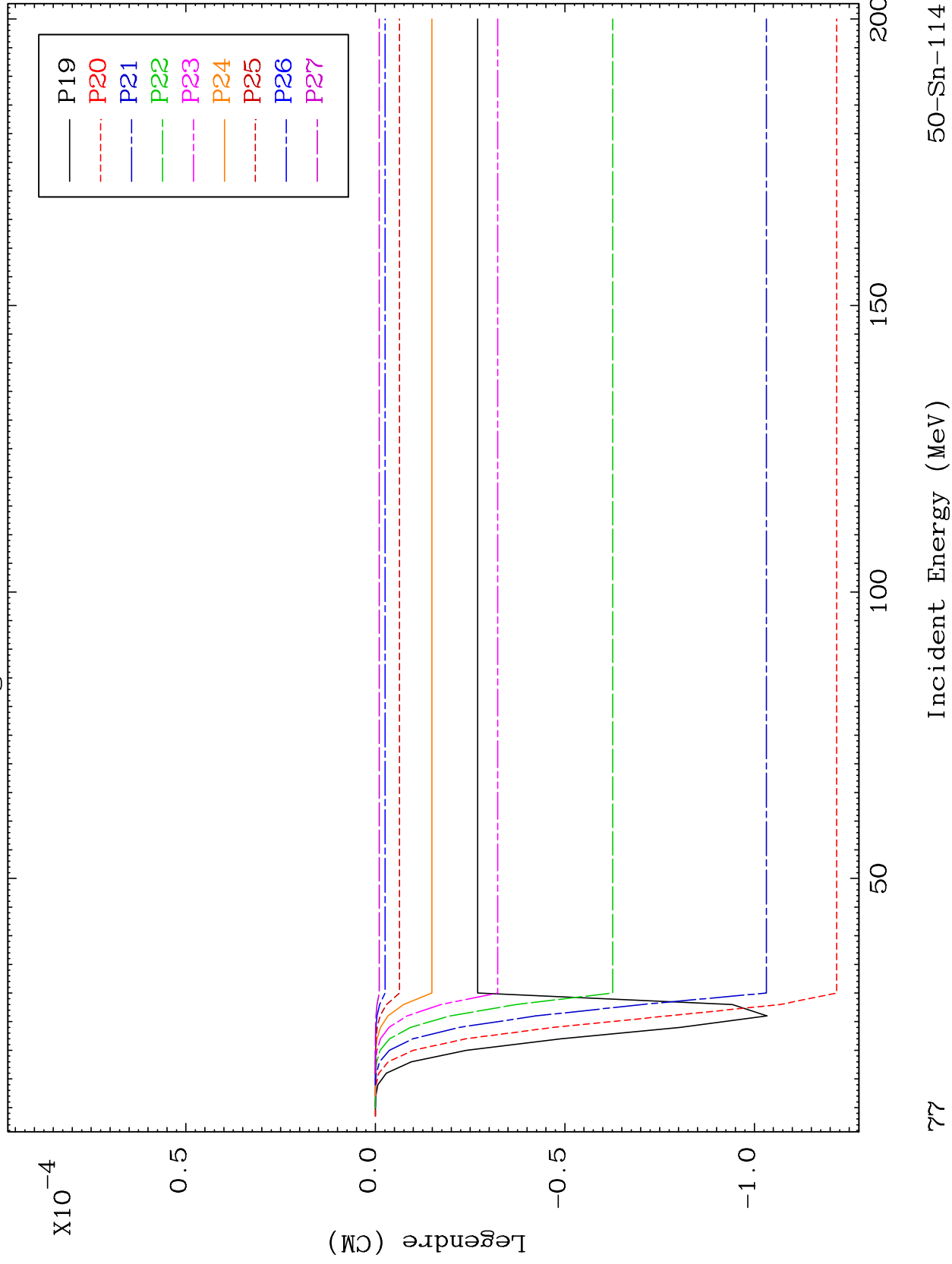


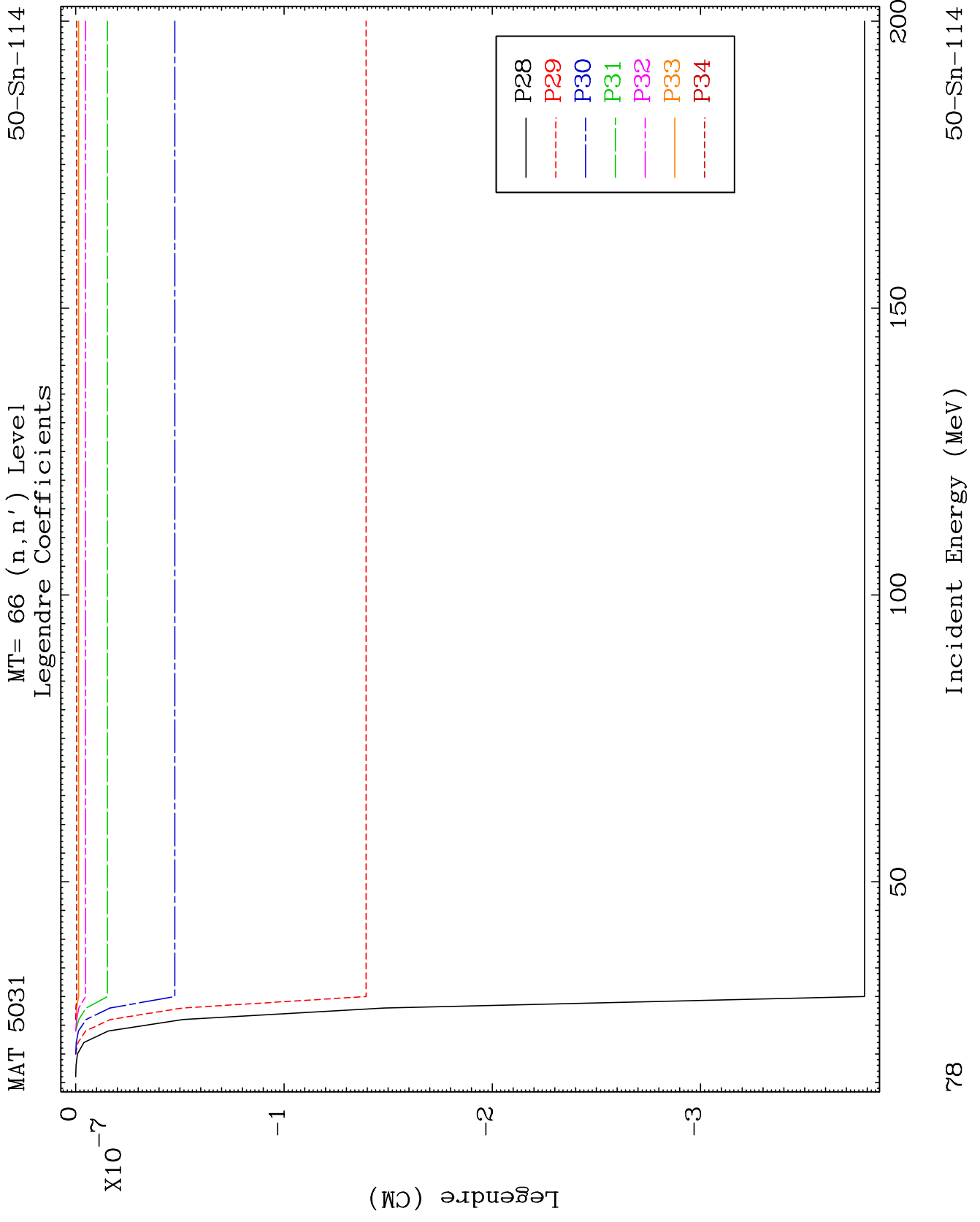


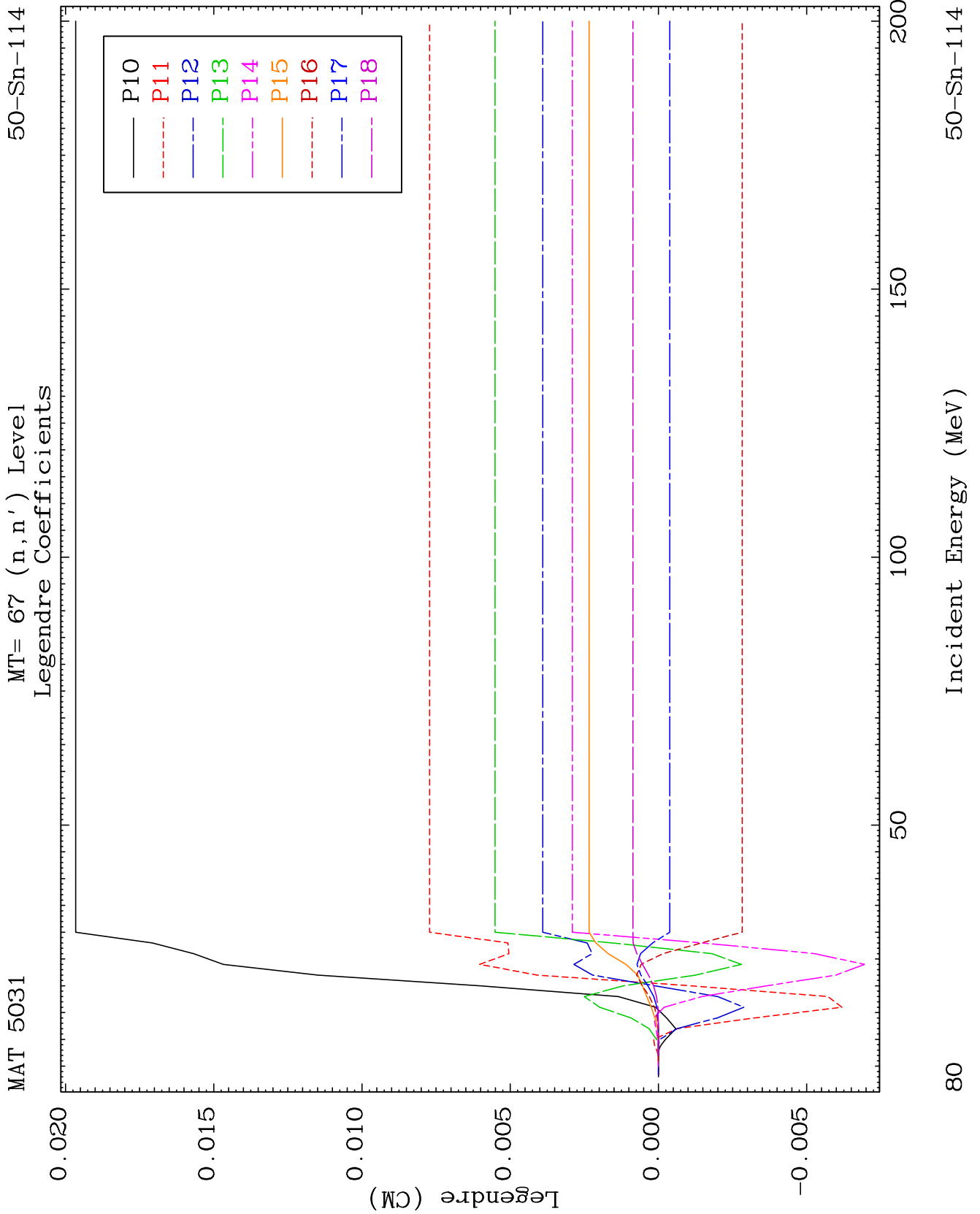
MAT 5031

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

50-Sn-114



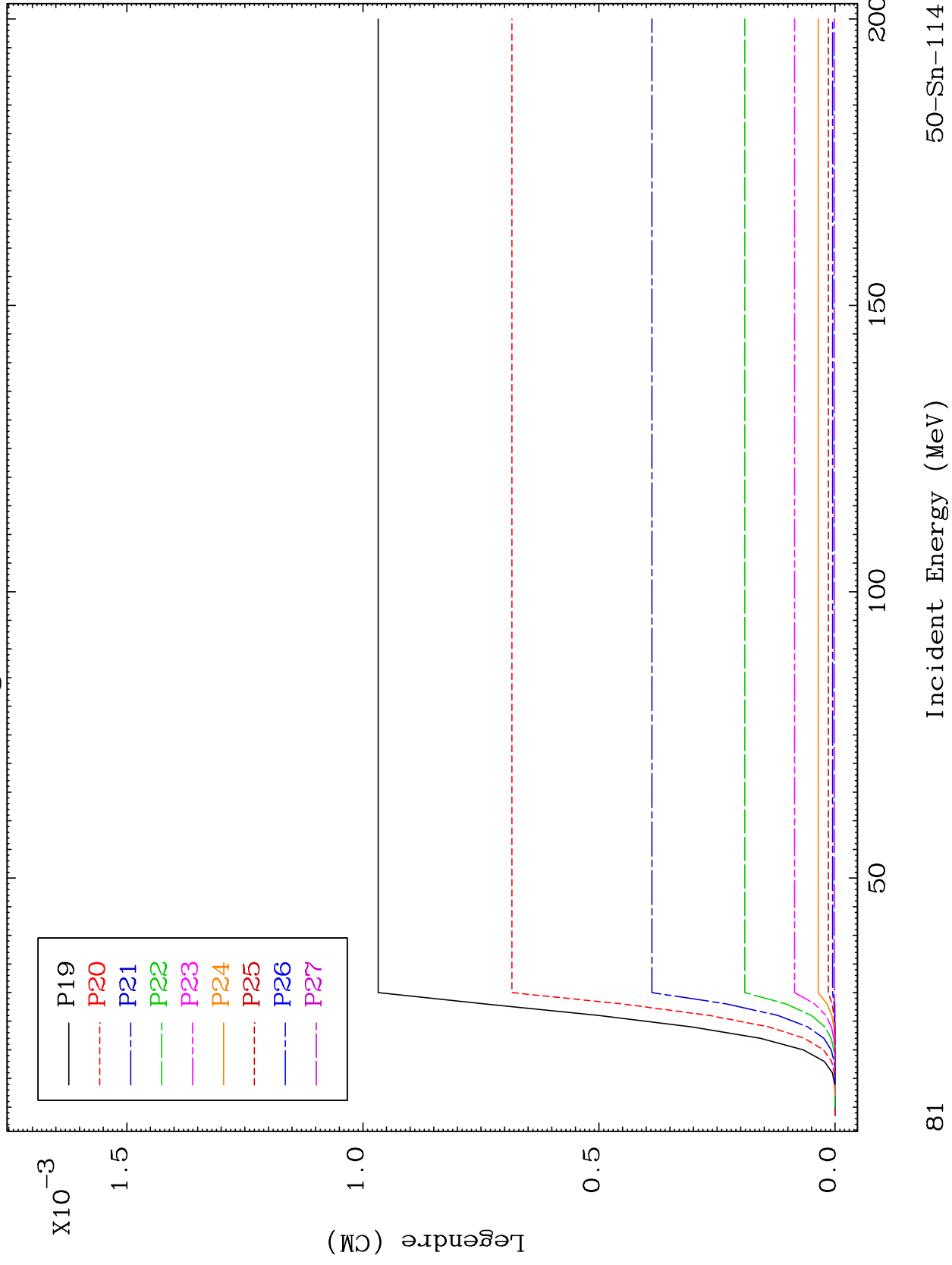




MAT 5031

MT= 67 (n,n') Level
Legendre Coefficients

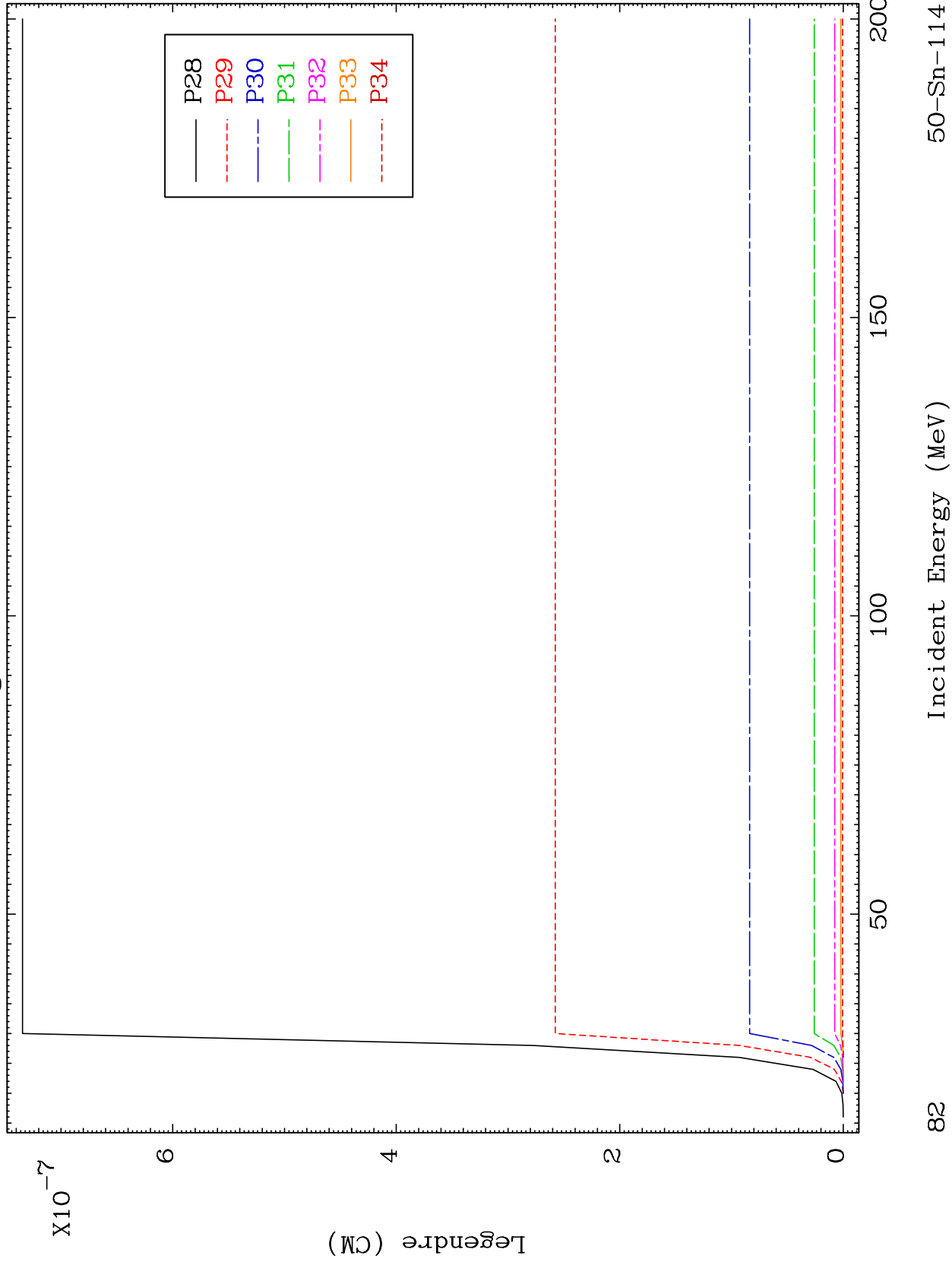
50-Sn-114

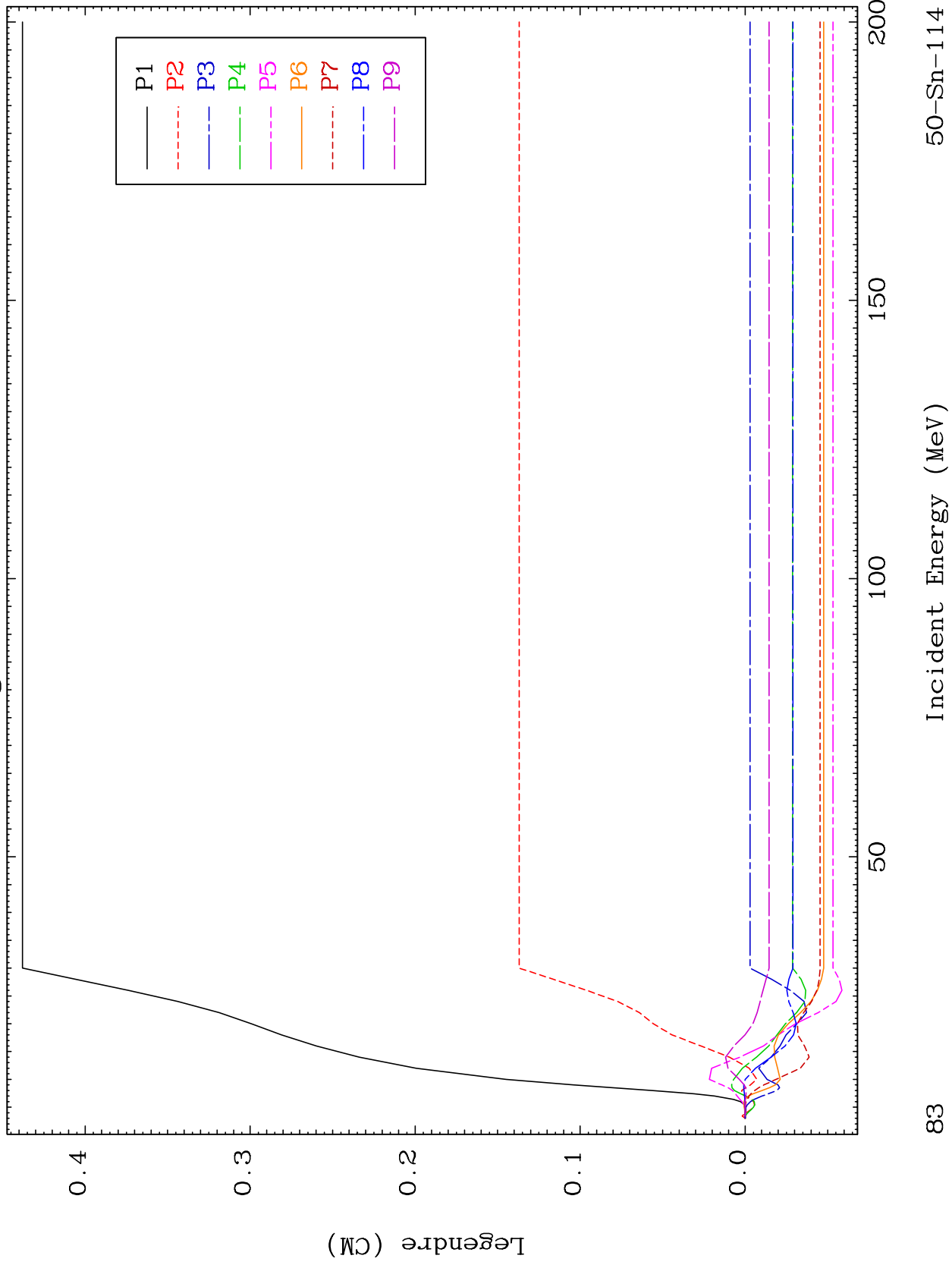


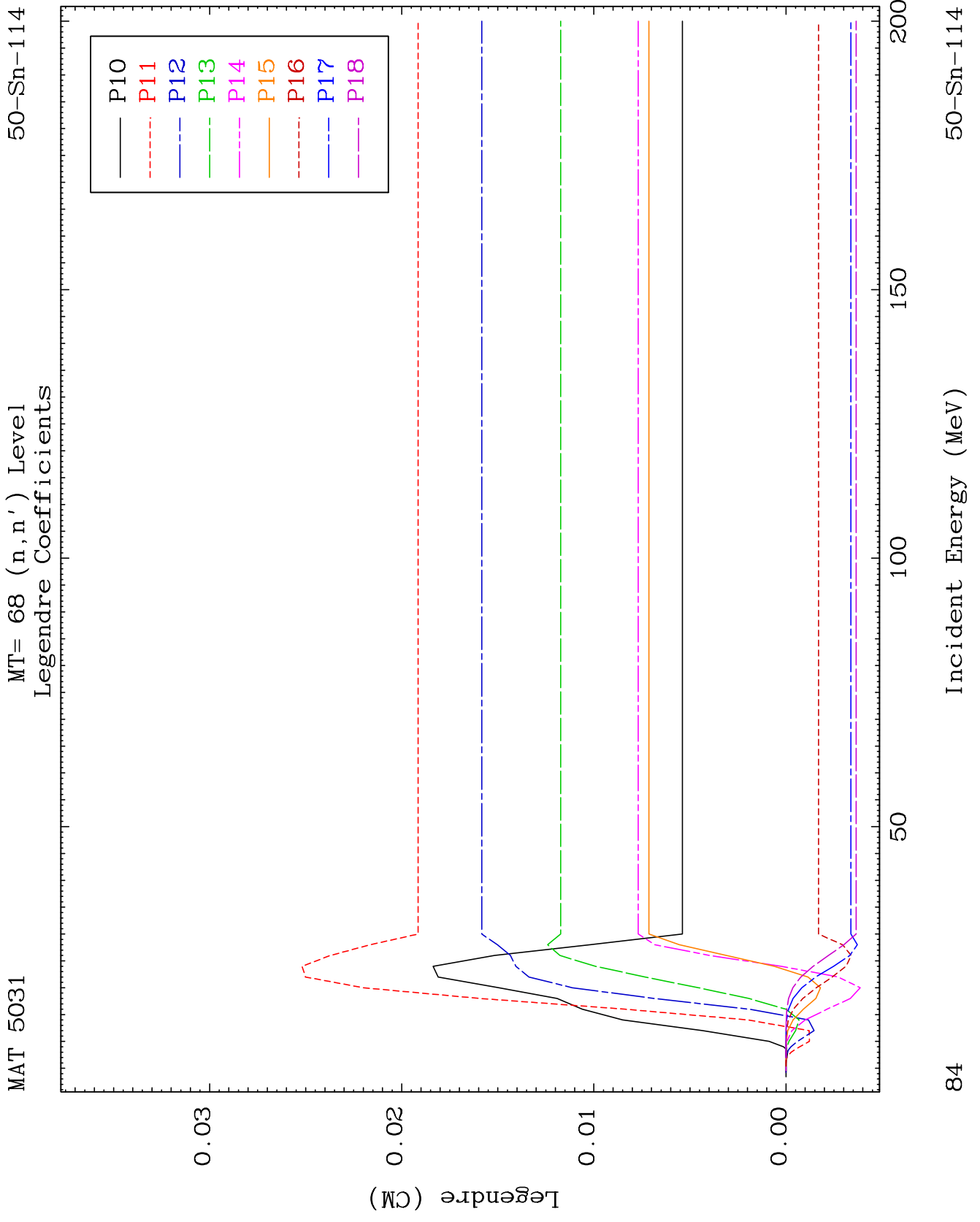
MAT 5031

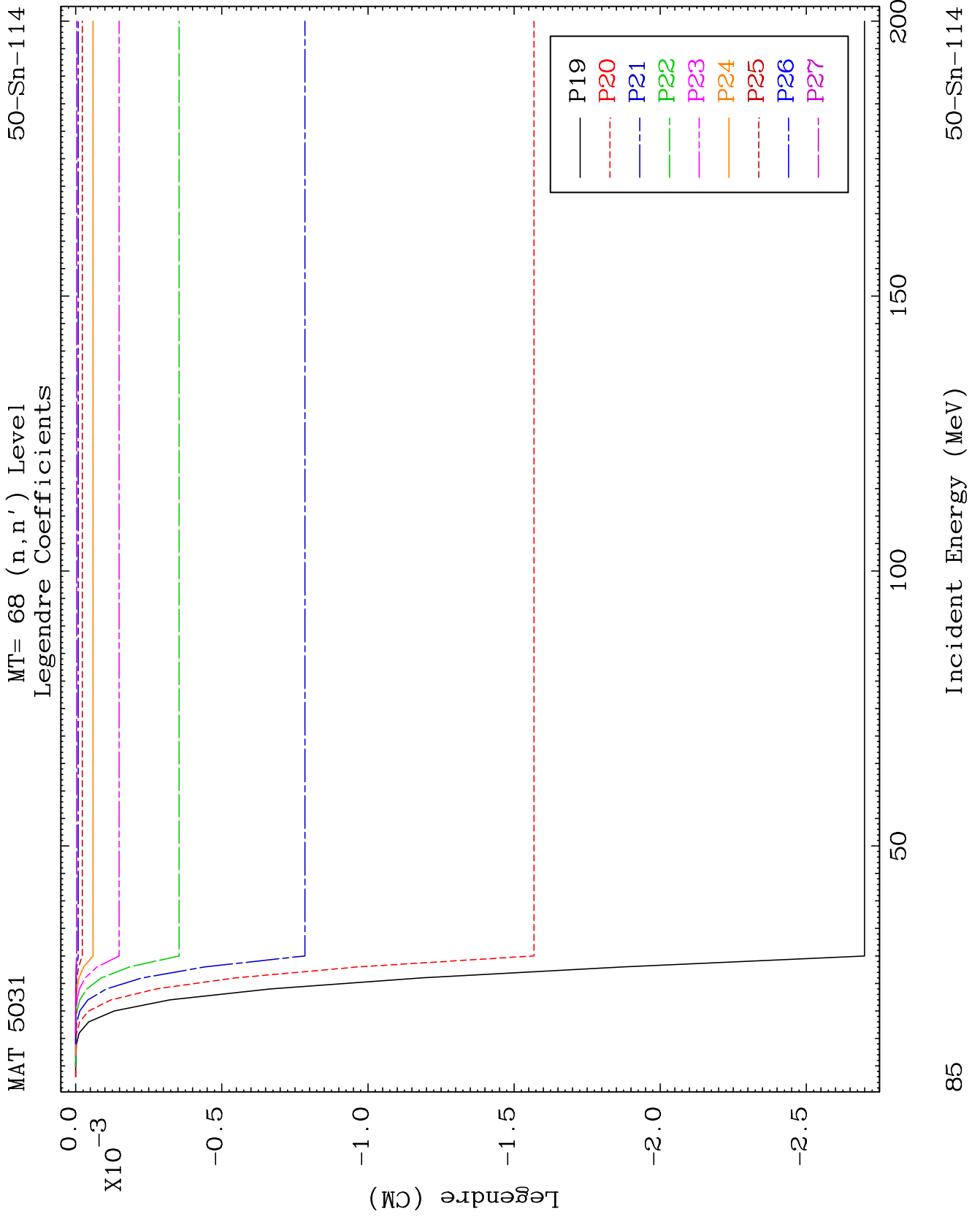
MT= 67 (n,n') Level
Legendre Coefficients

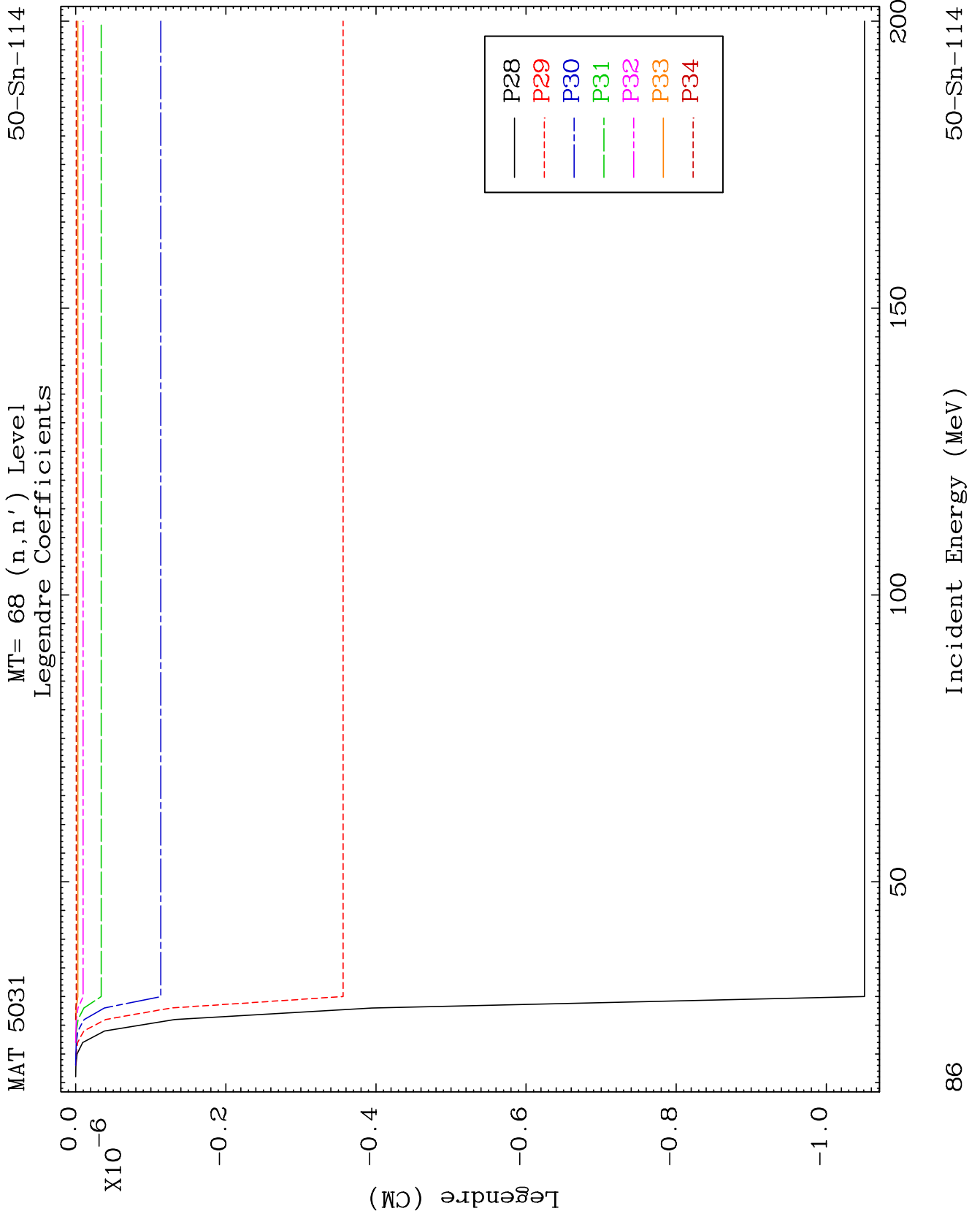
50-Sn-114







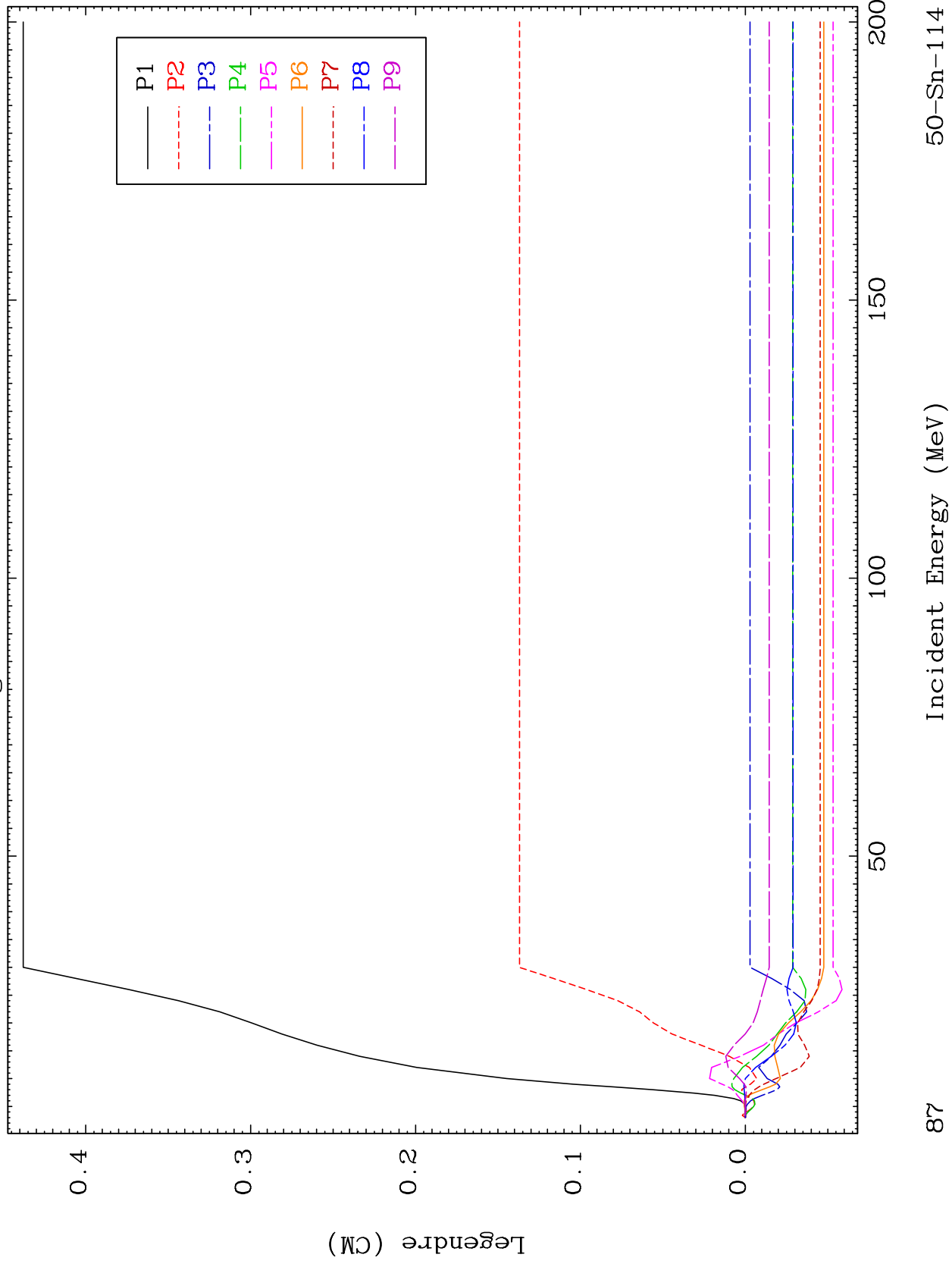




MAT 5031

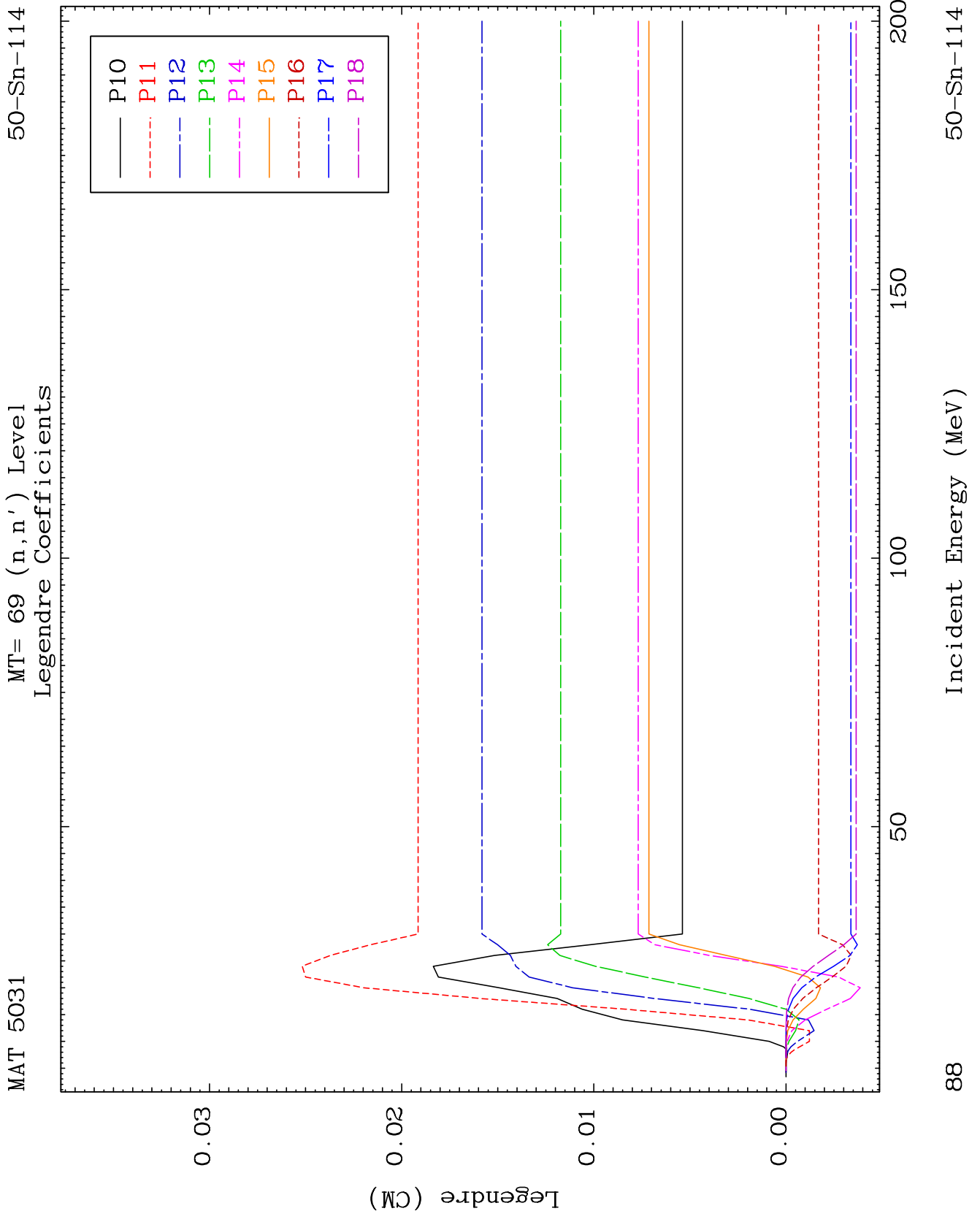
MT= 69 (n,n') Level
Legendre Coefficients

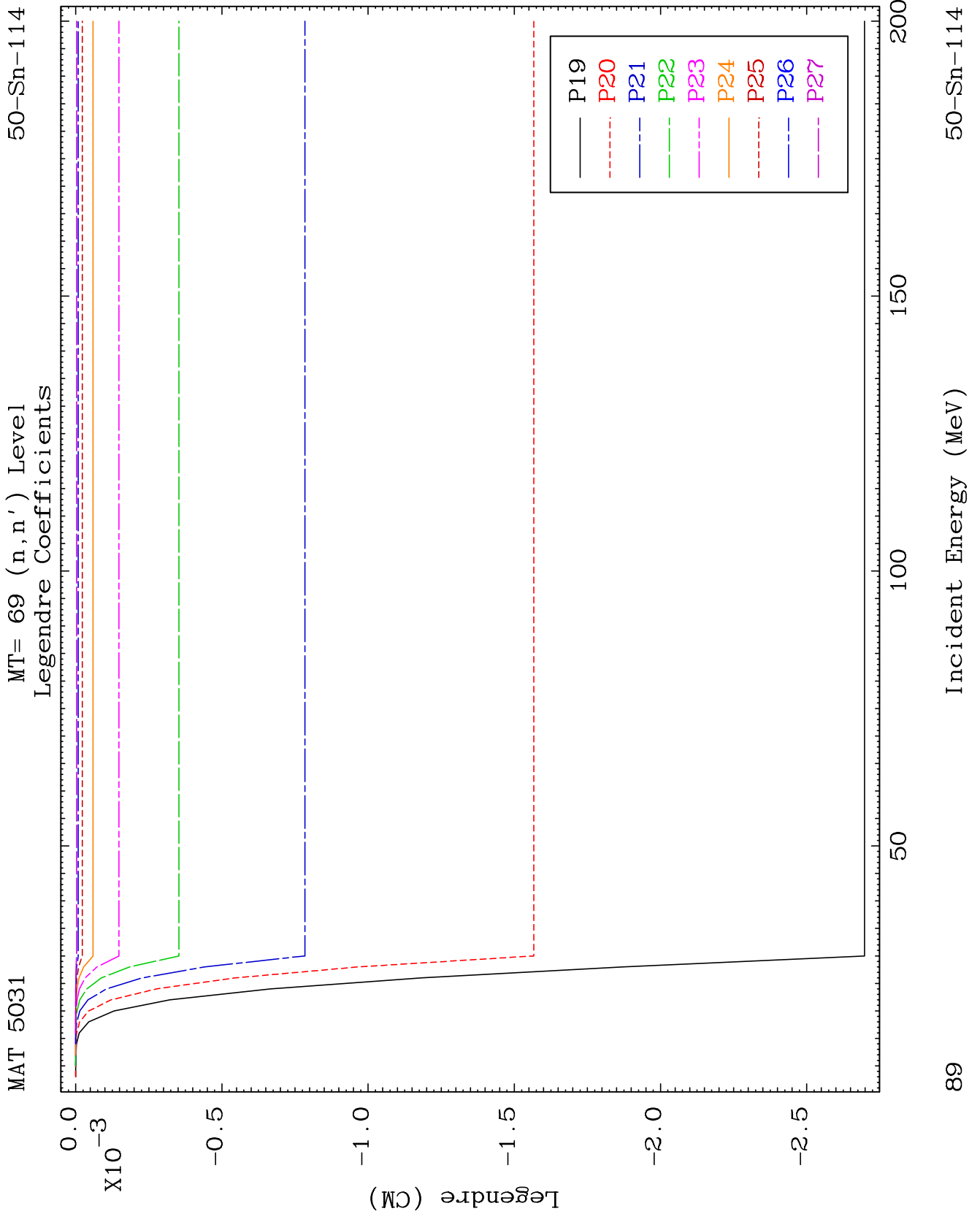
50-Sn-114

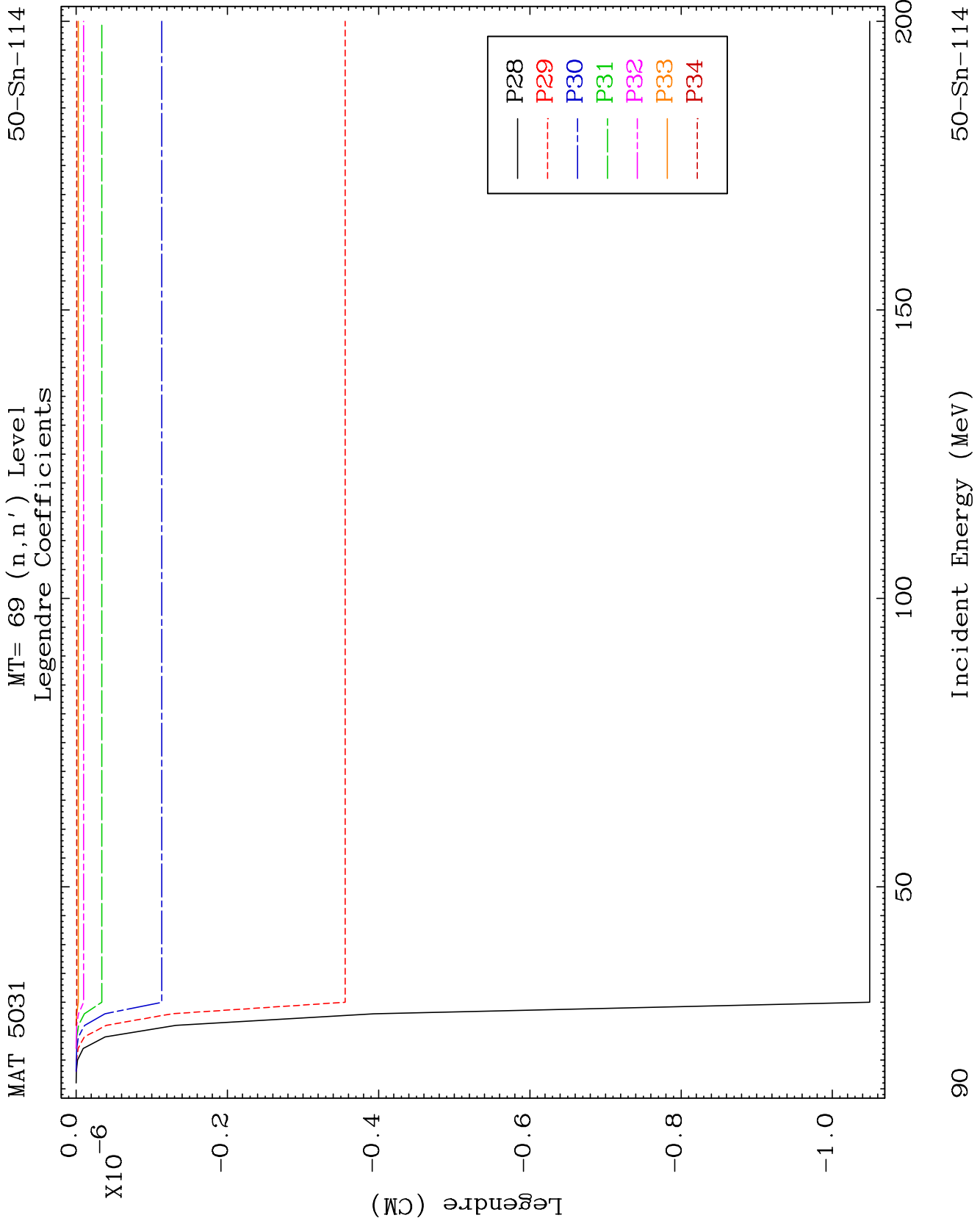


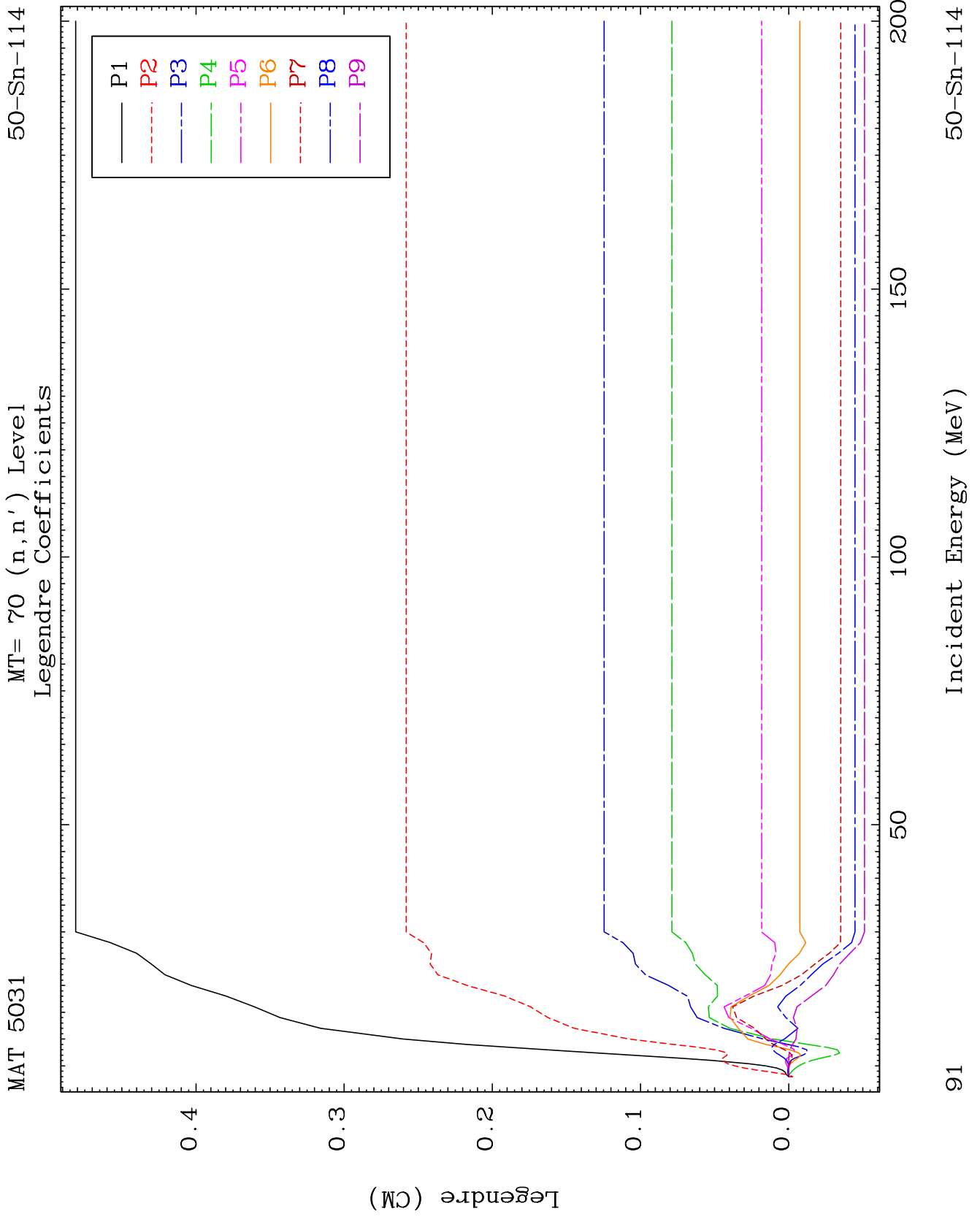
87

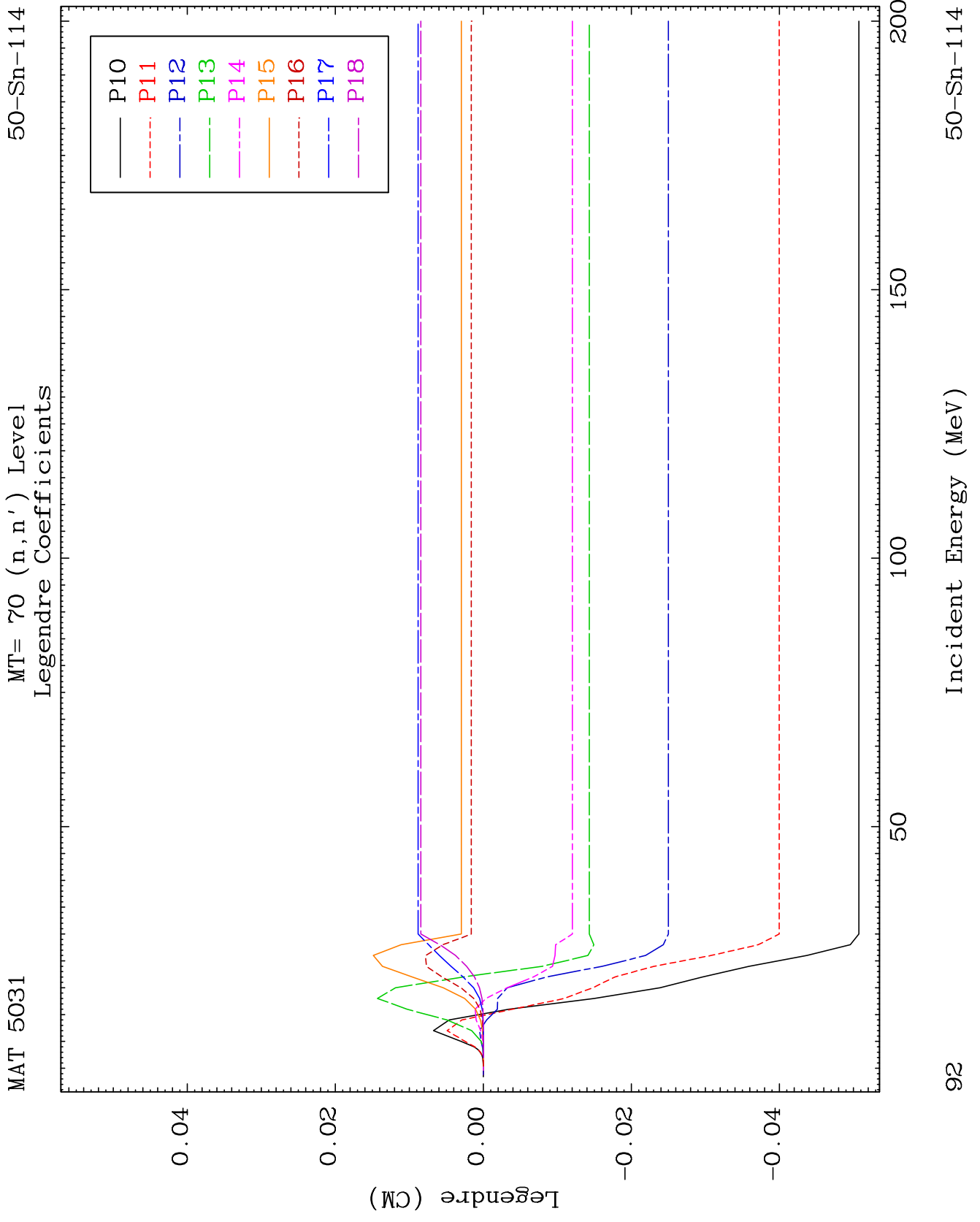
50-Sn-114

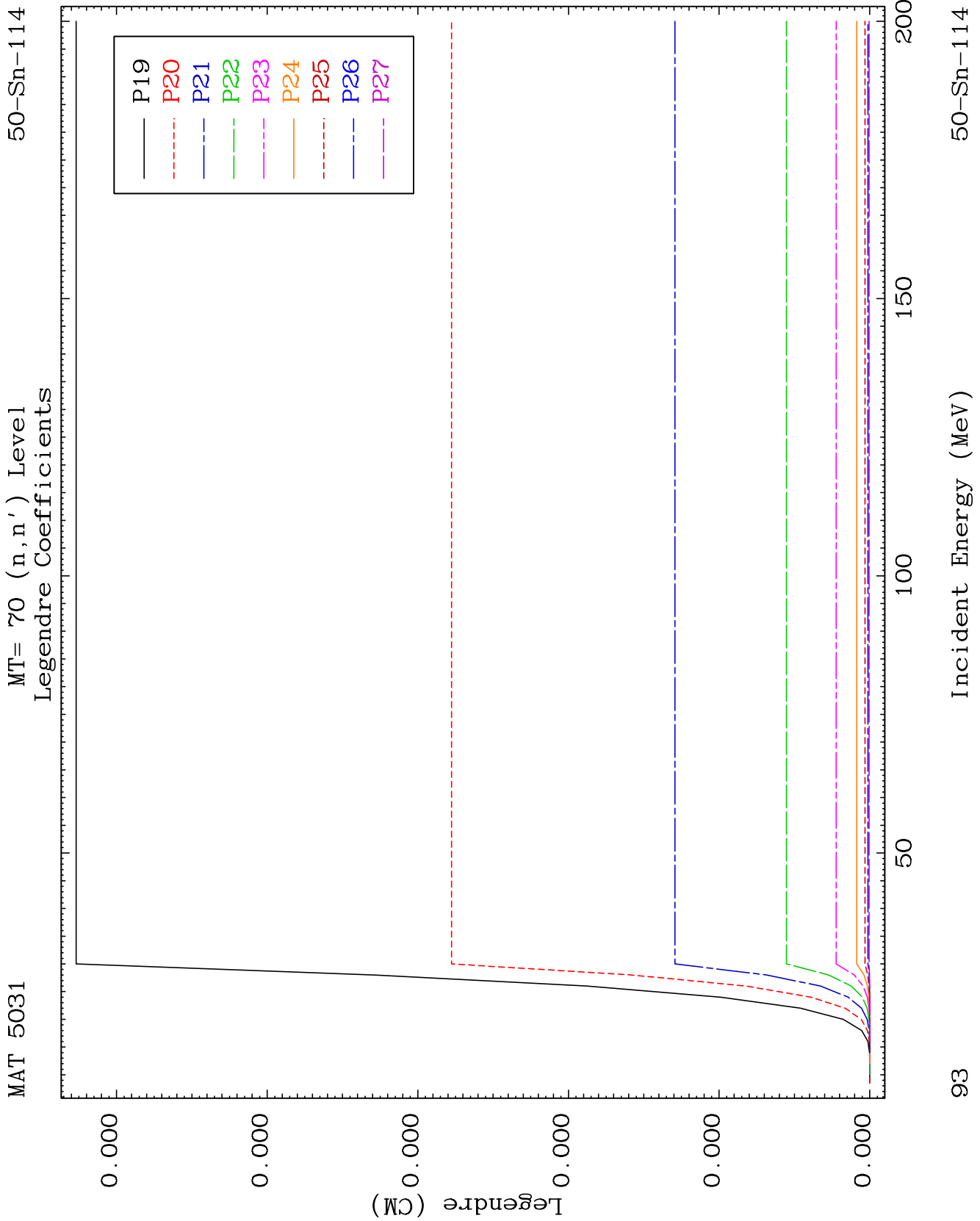


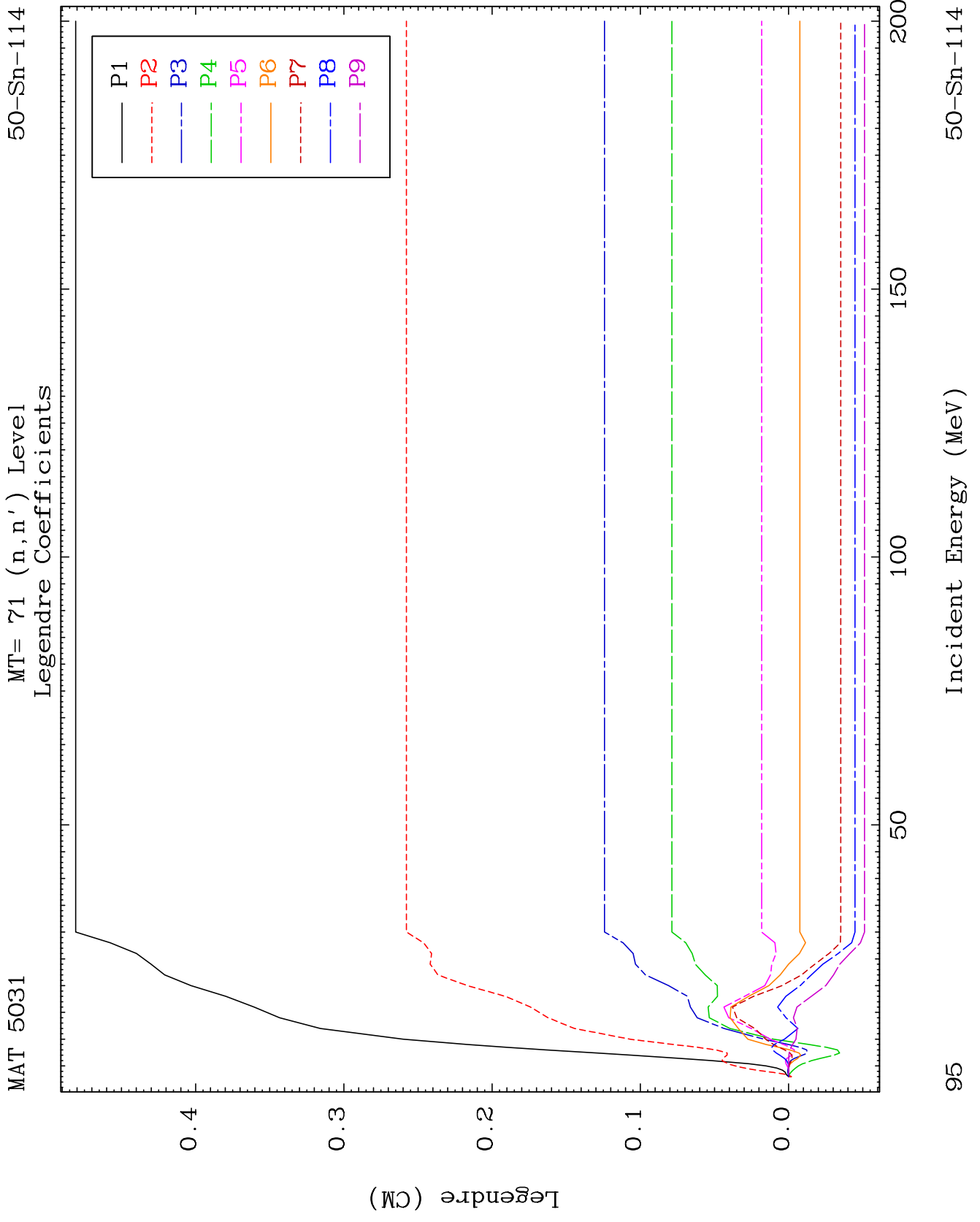


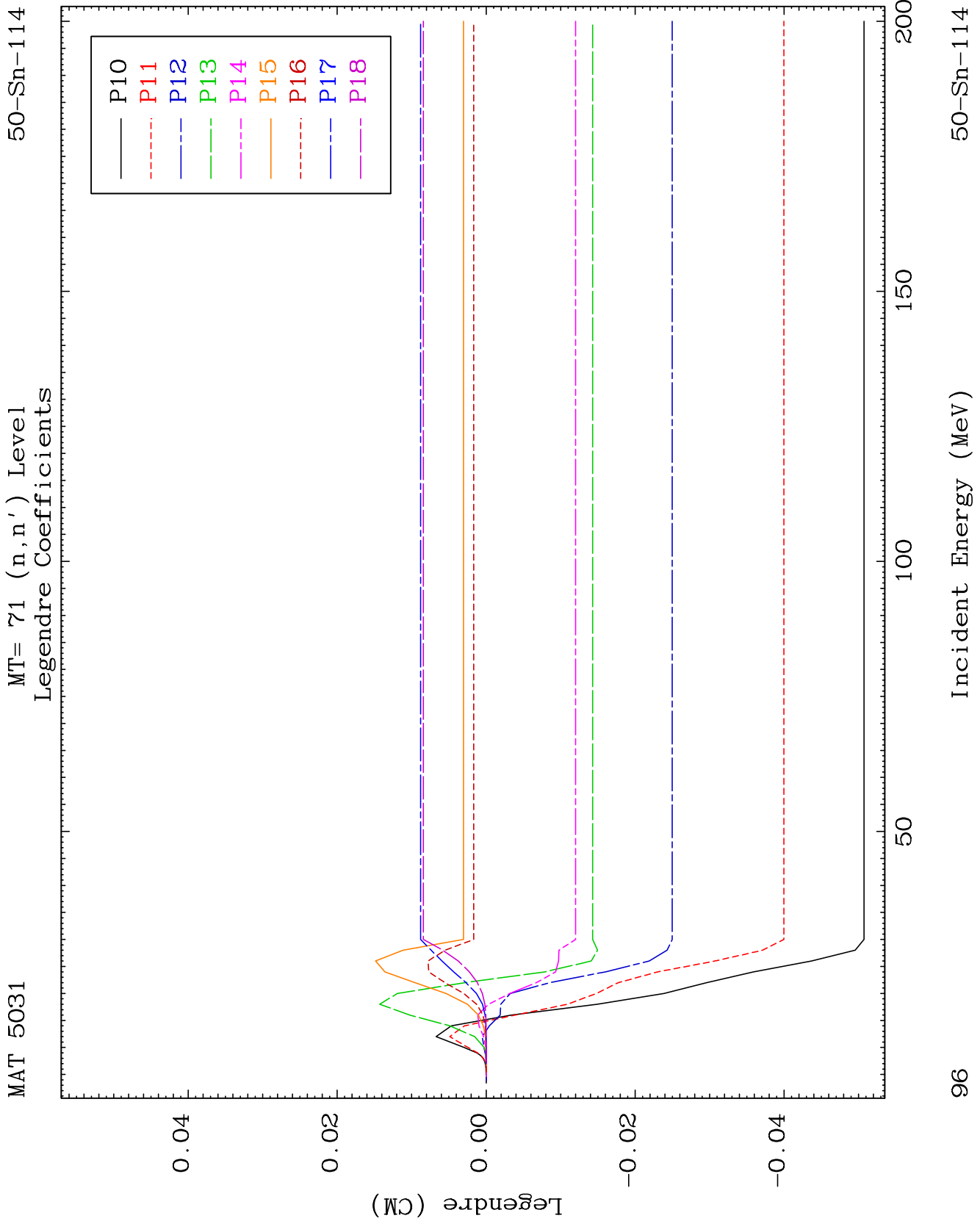








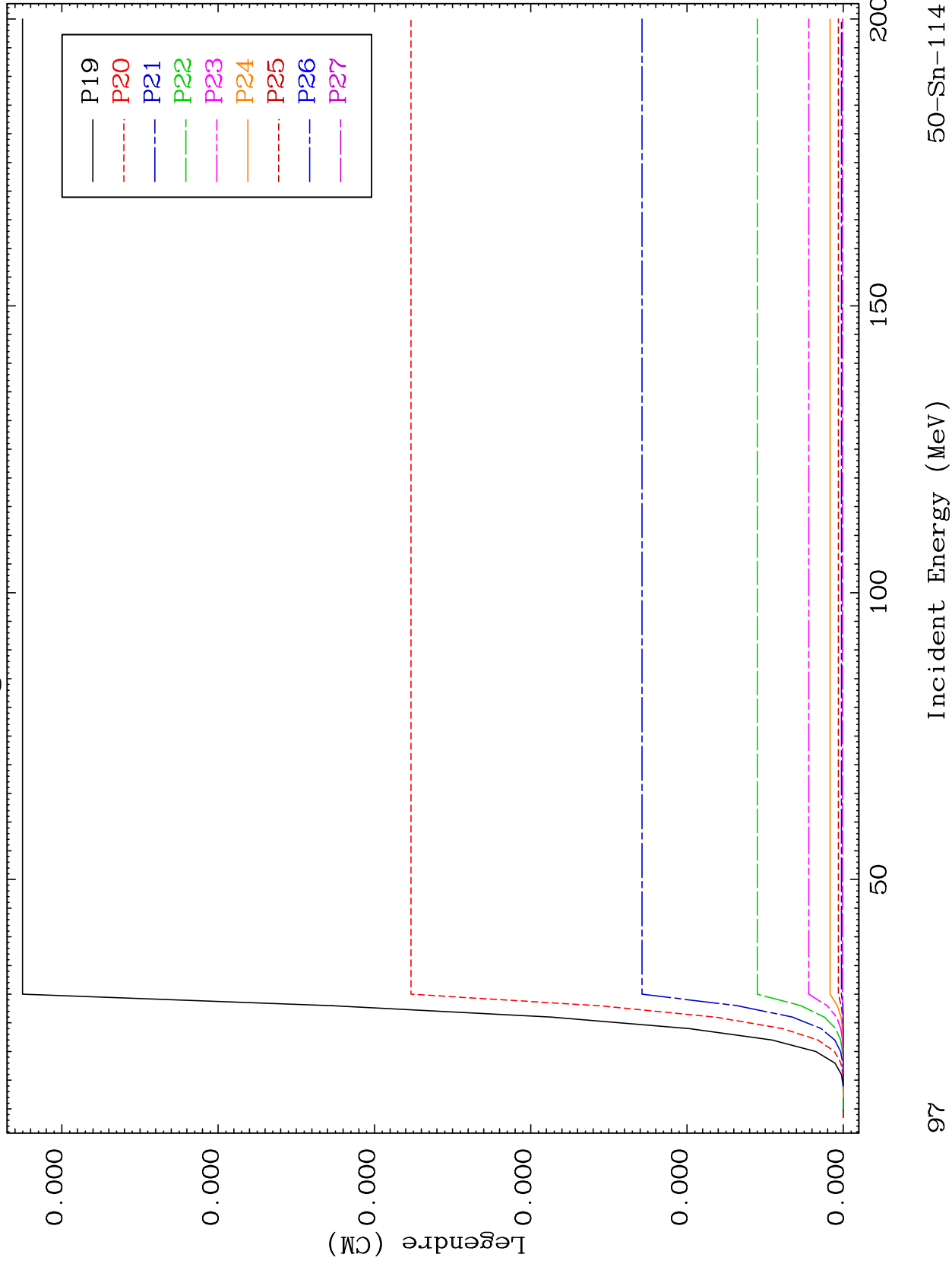




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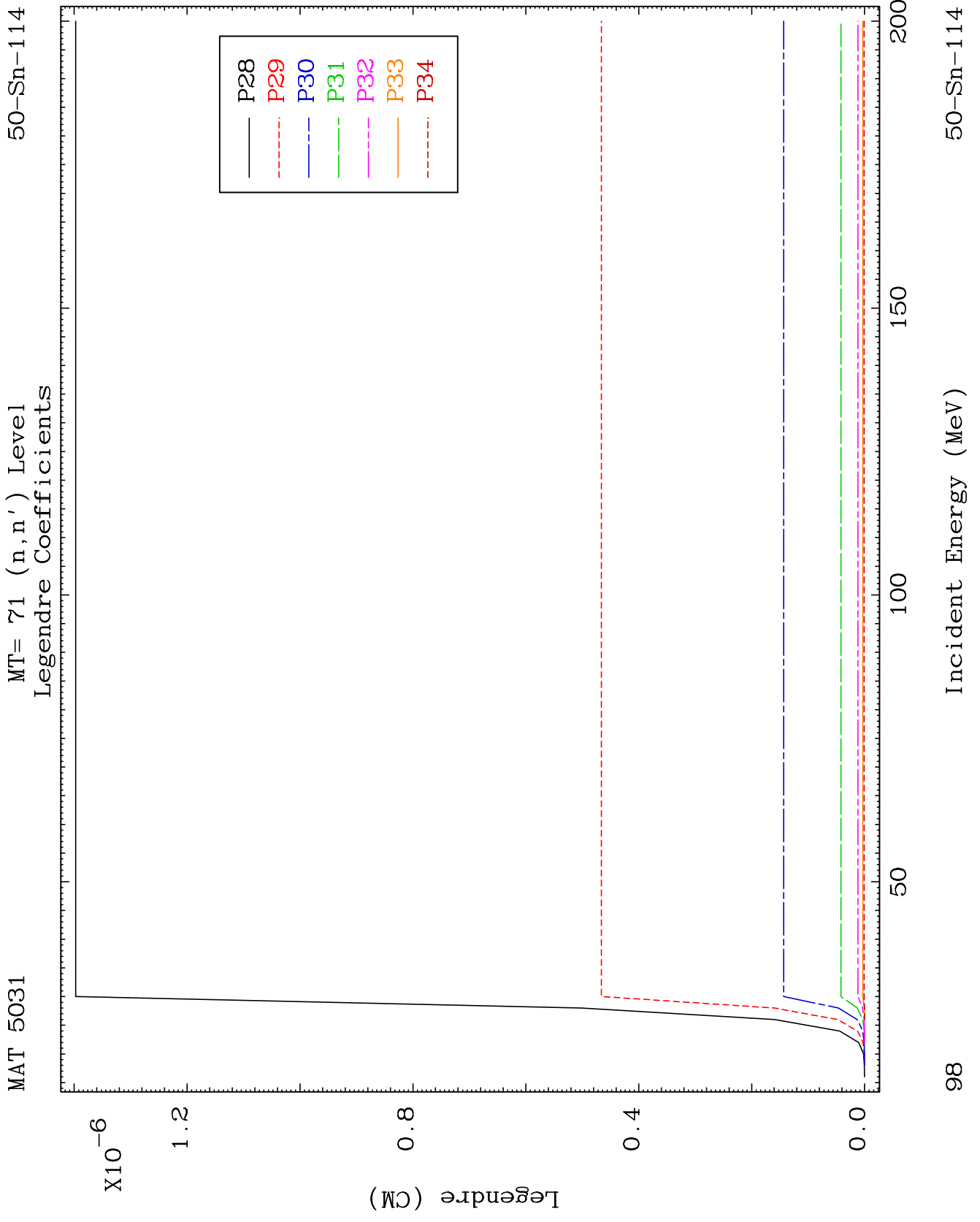
MT= 71 (n,n') Level
Legendre Coefficients

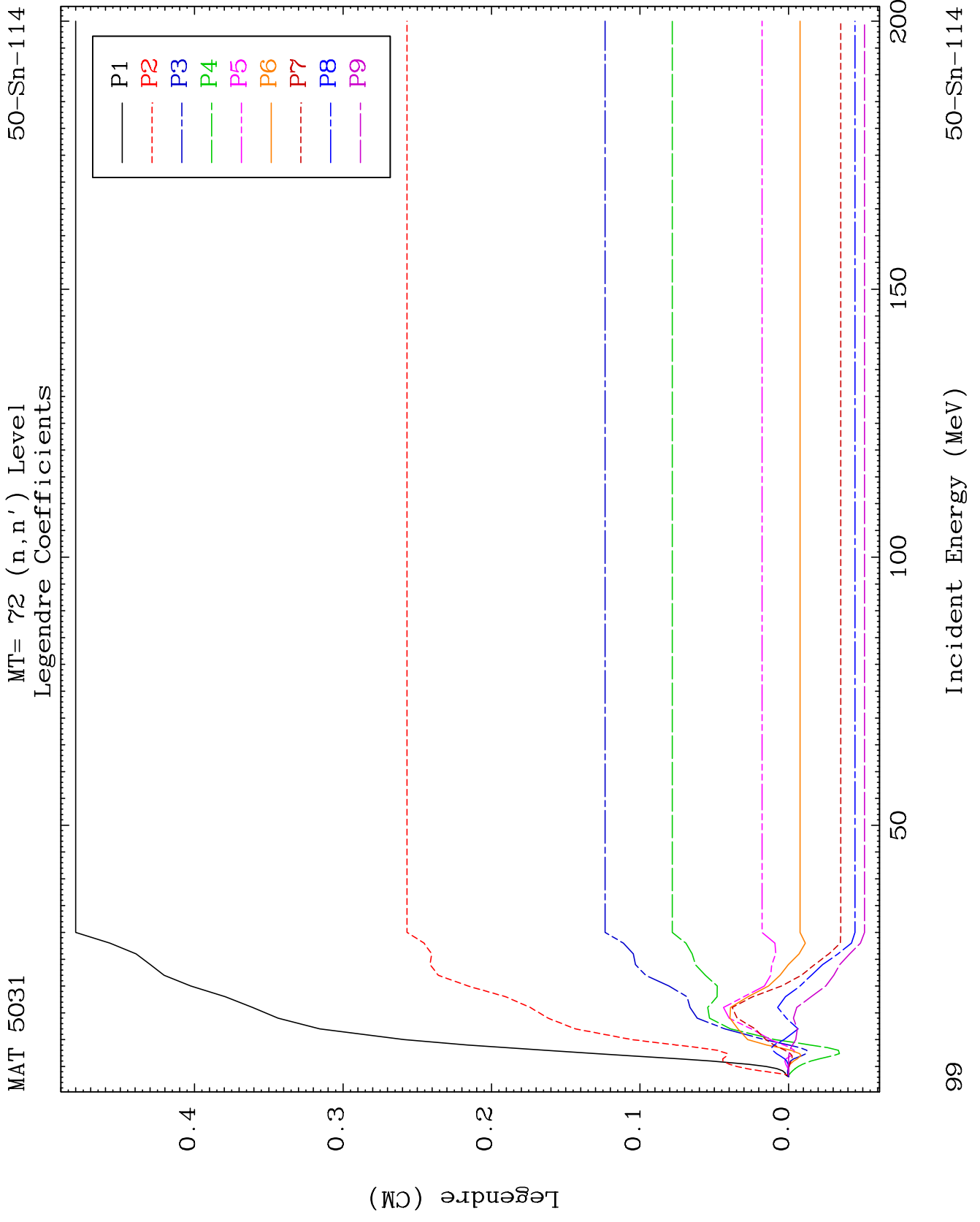
50-Sn-114

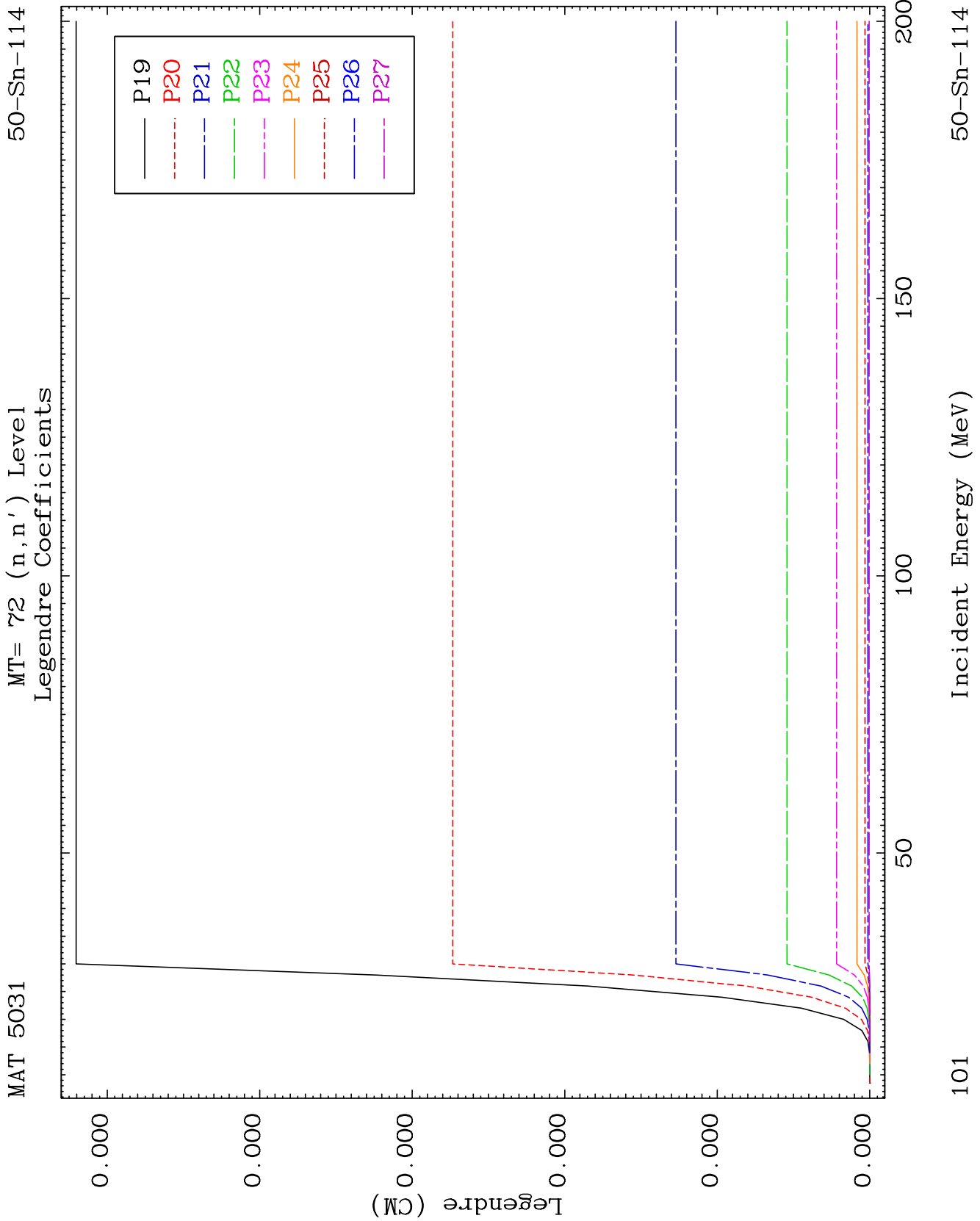


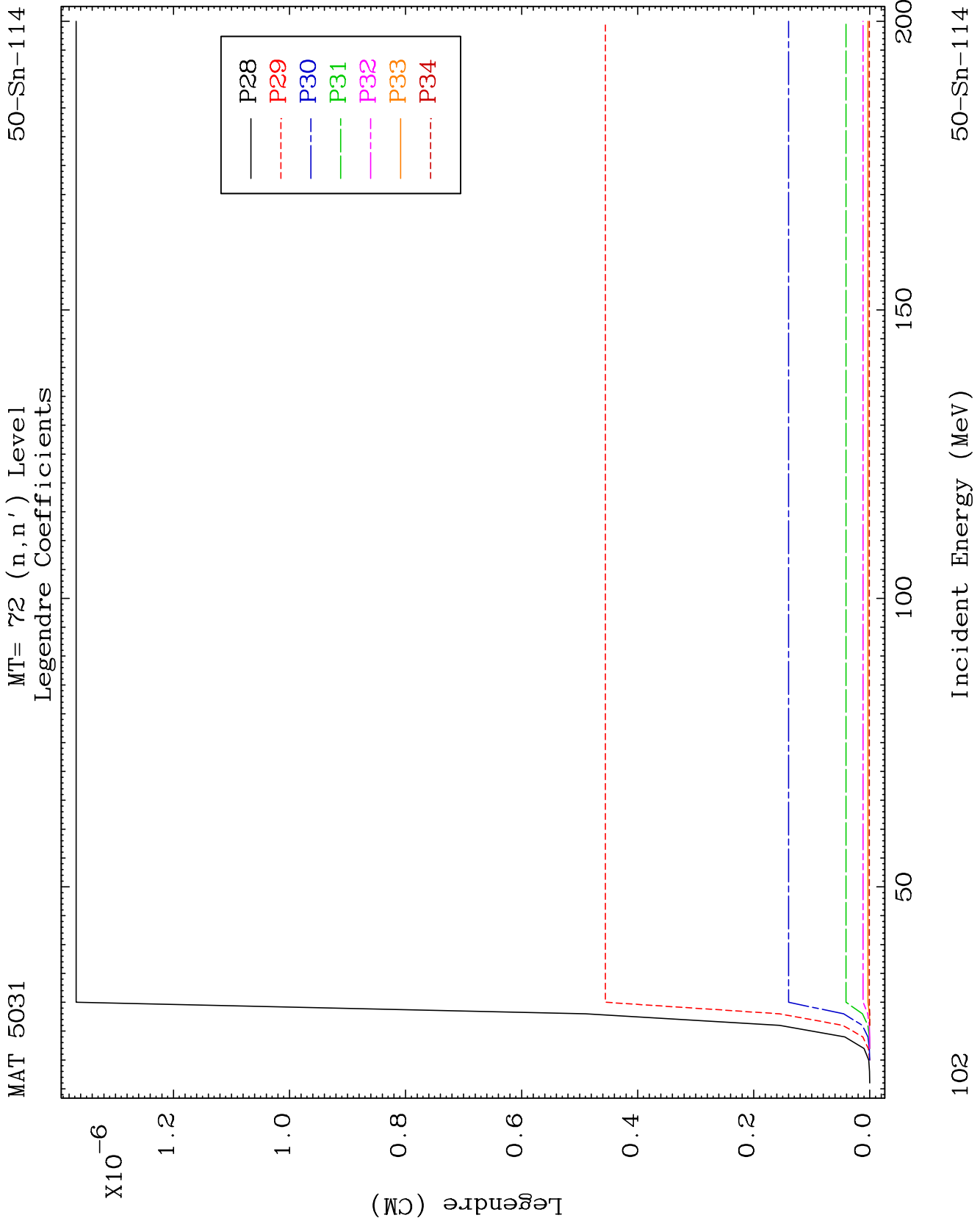
97

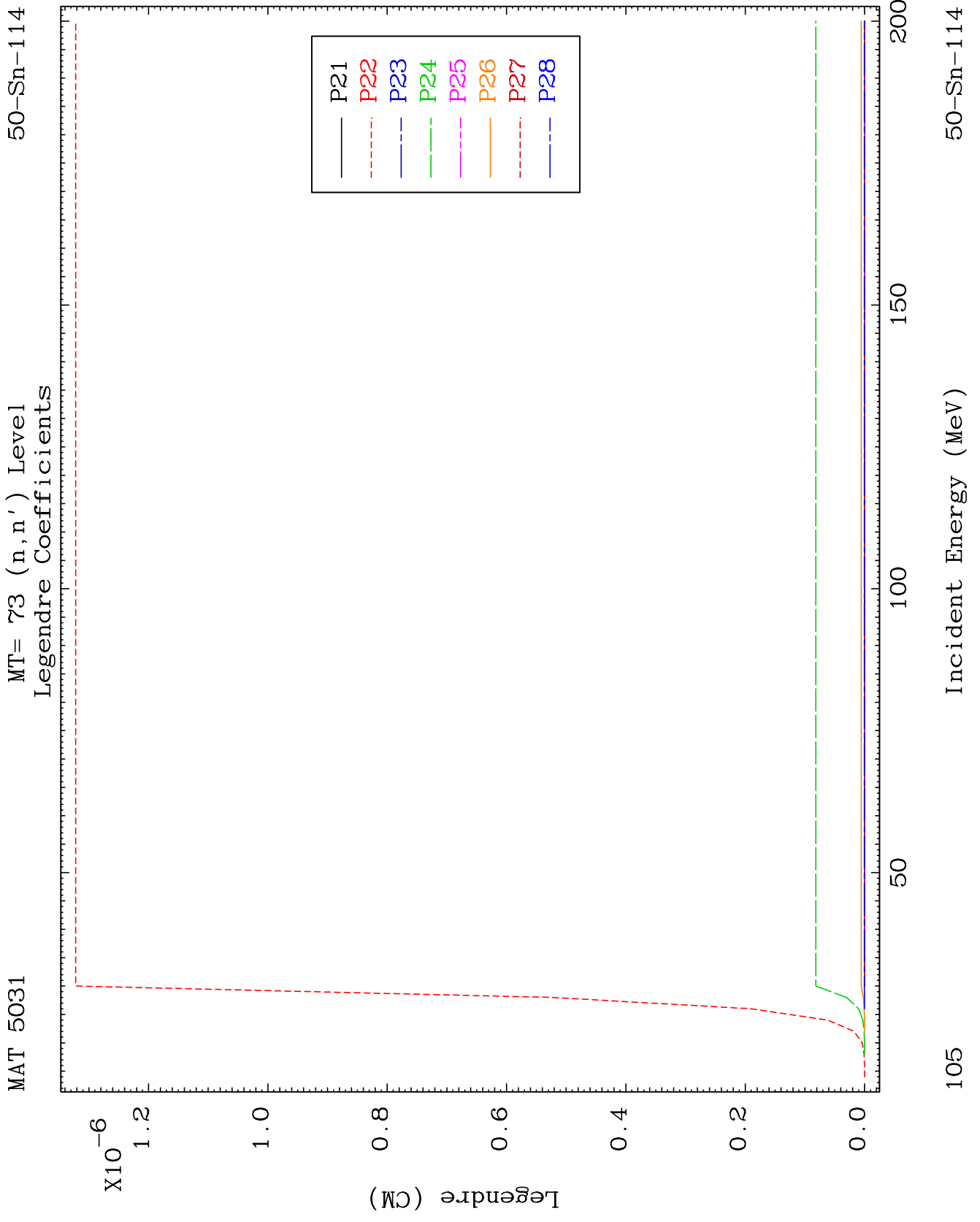
50-Sn-114

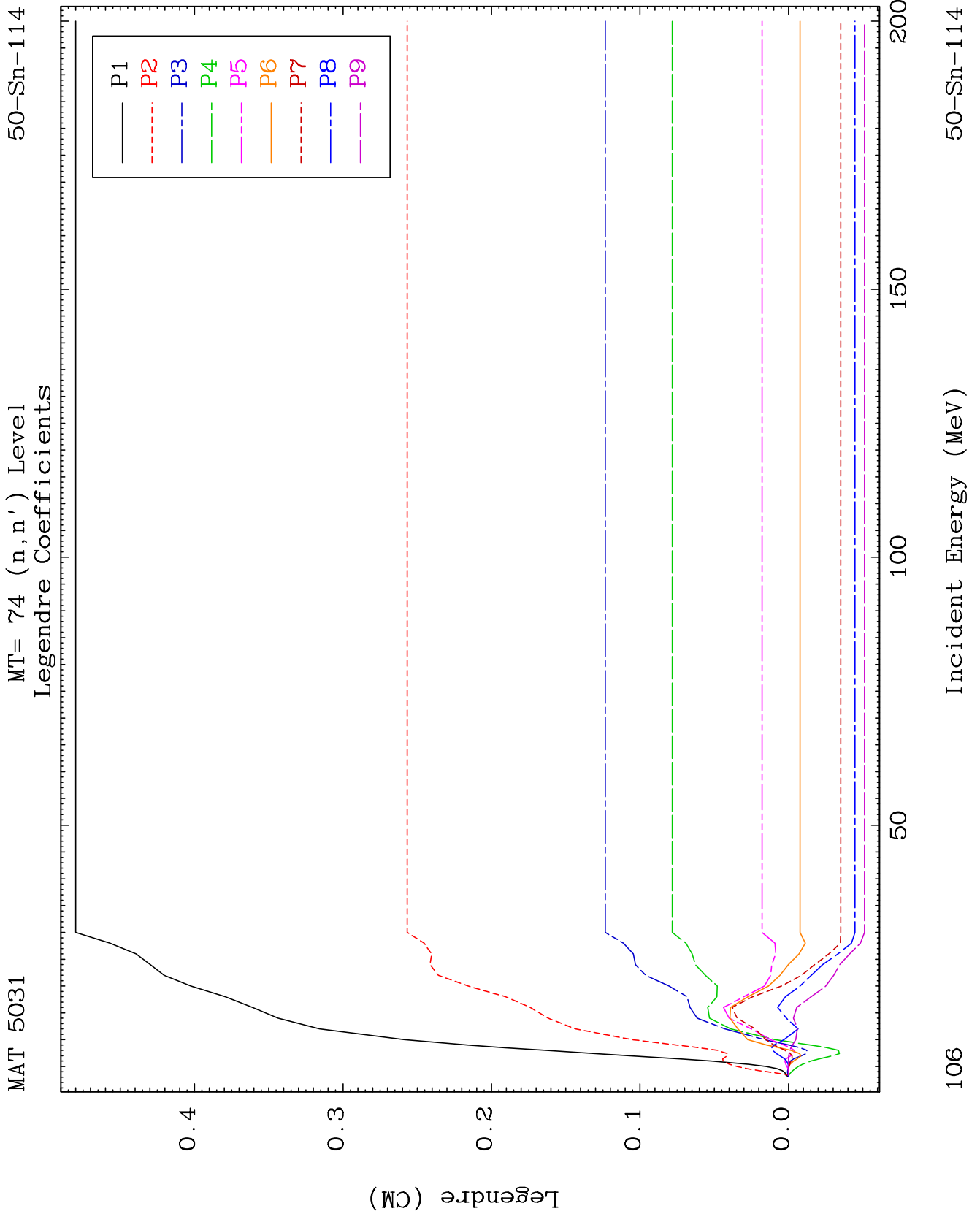








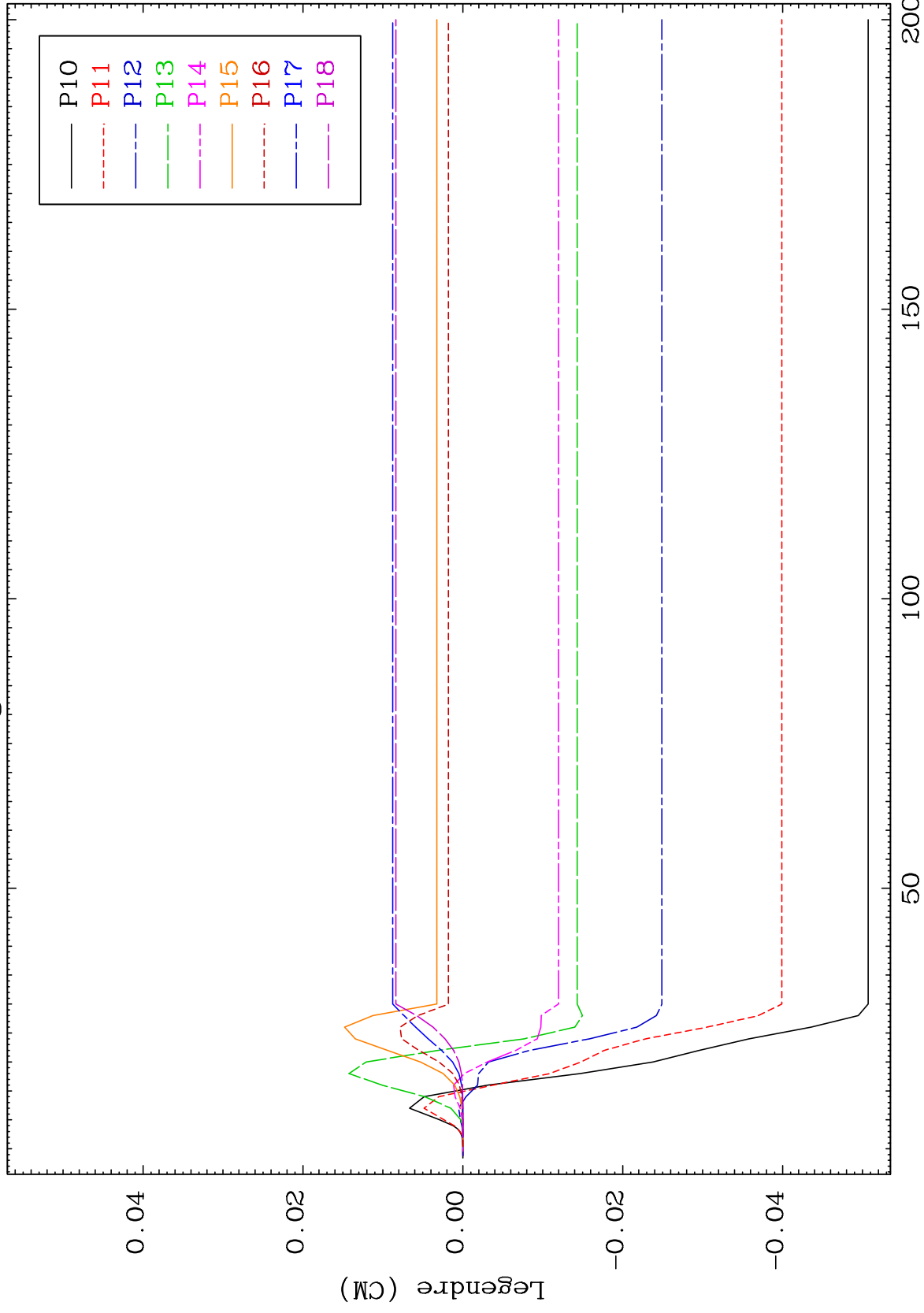




MAT 5031

MT= 74 (n,n') Level
Legendre Coefficients

50-Sn-114



107

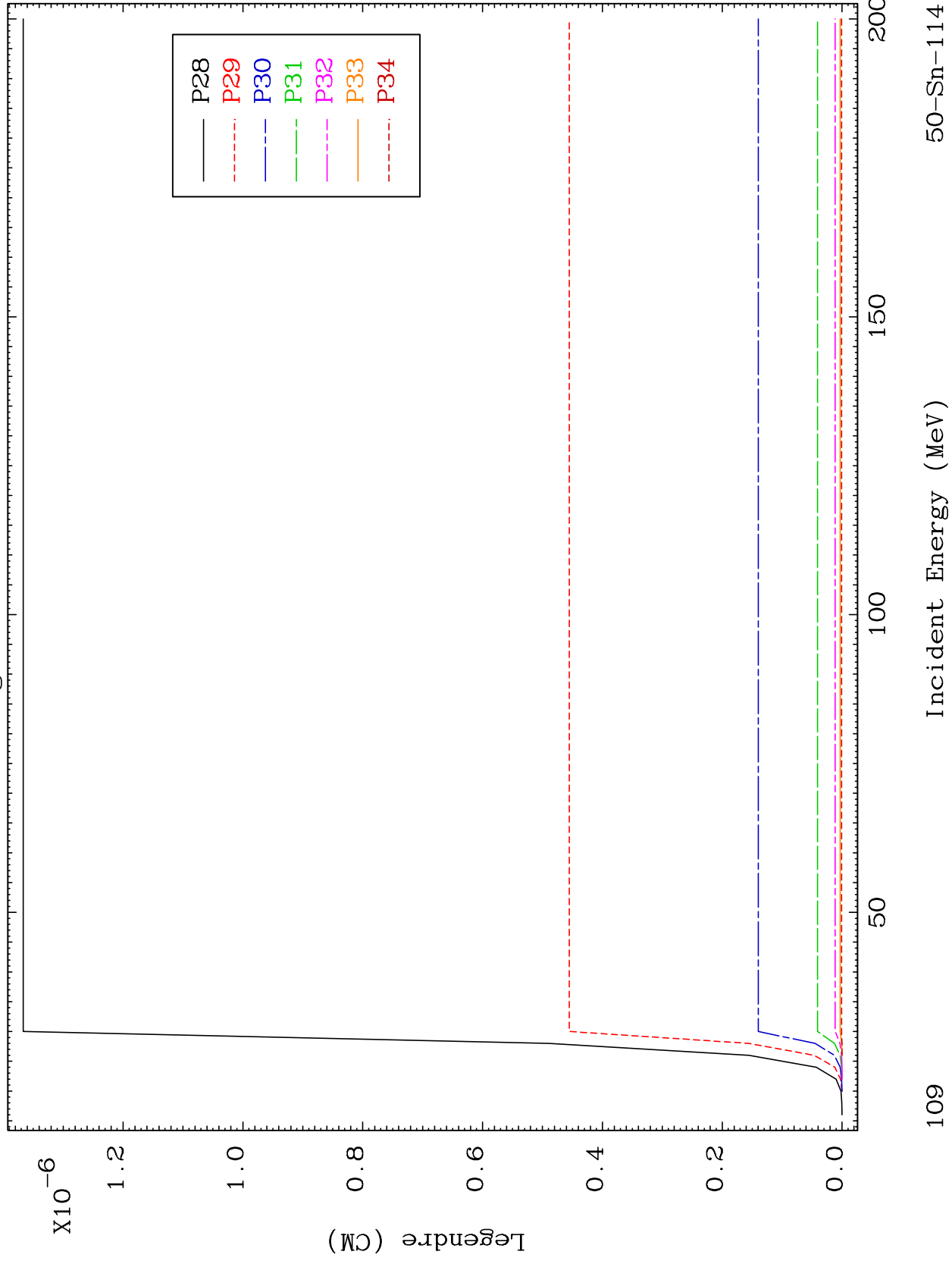
Incident Energy (MeV)

50-Sn-114

MAT 5031

MT= 74 (n,n') Level
Legendre Coefficients

50-Sn-114

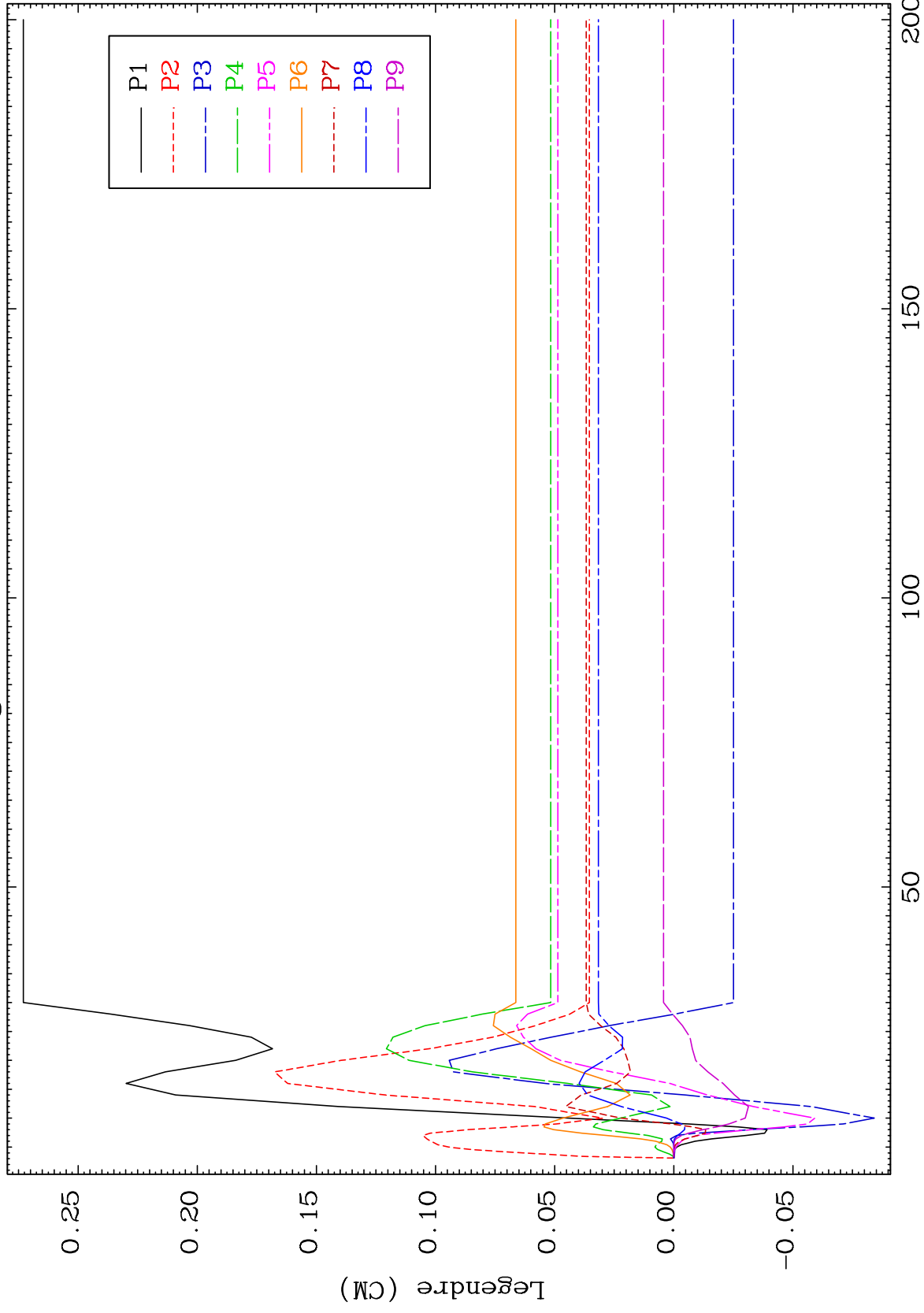


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MAT 5031

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

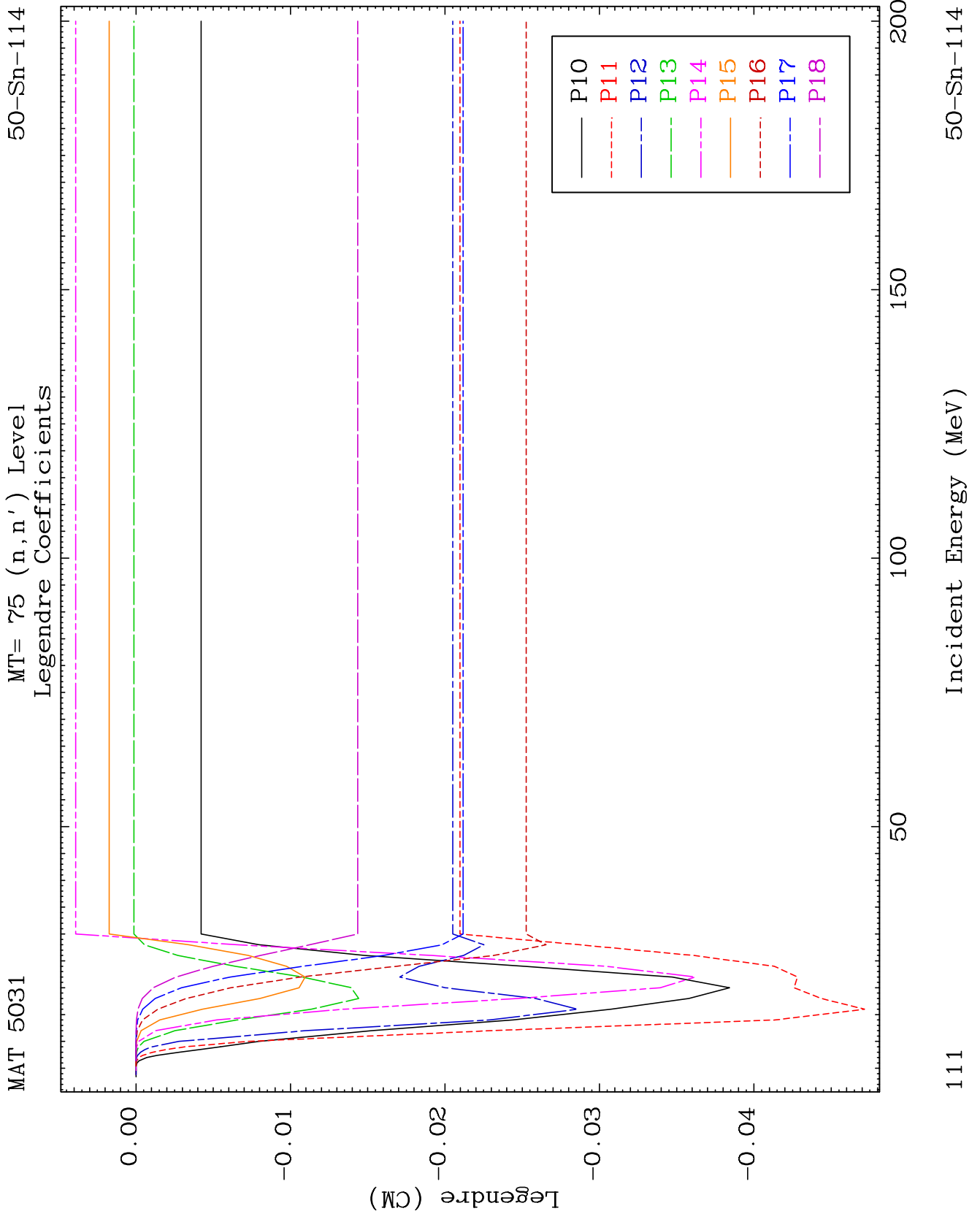
50-Sn-114

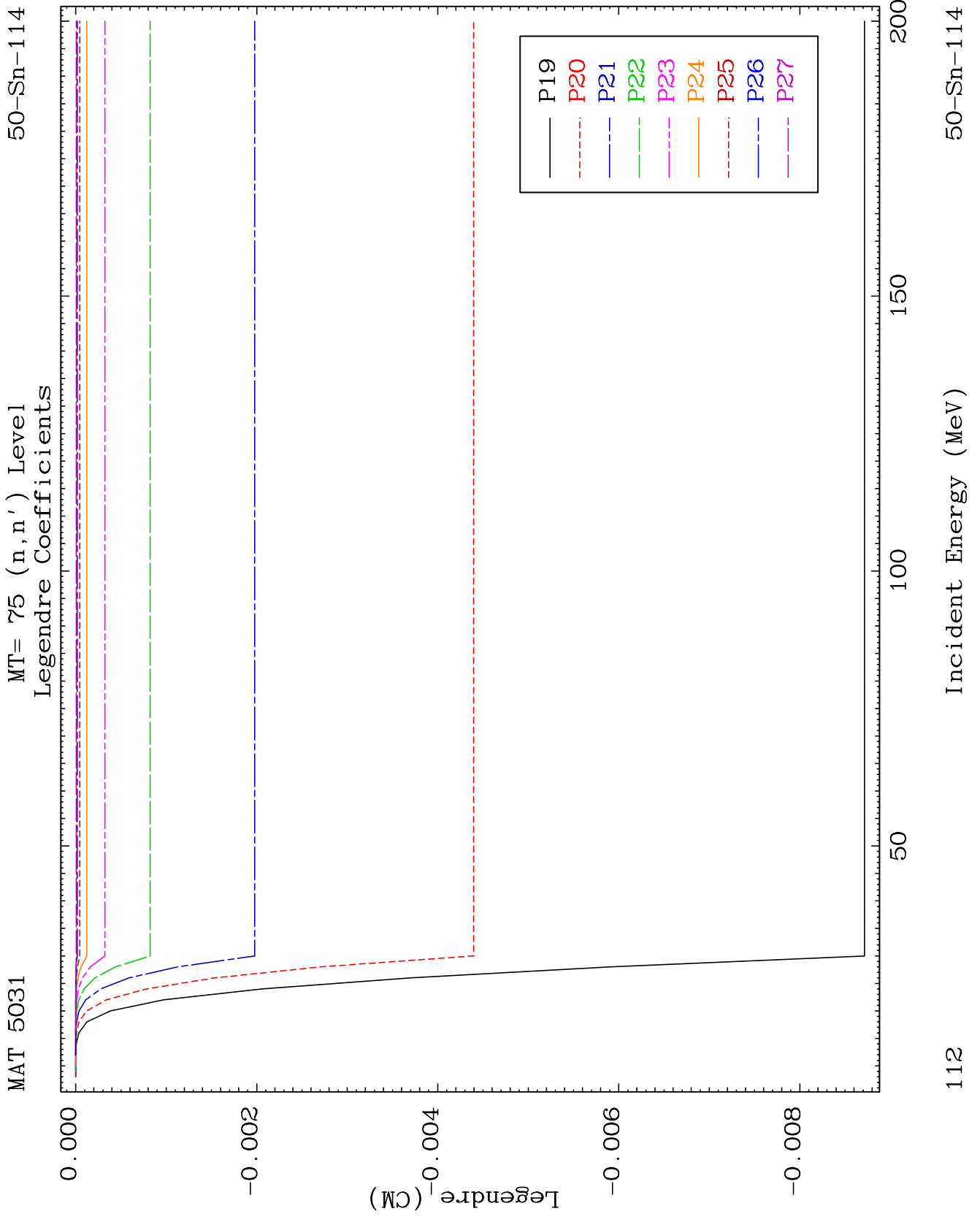


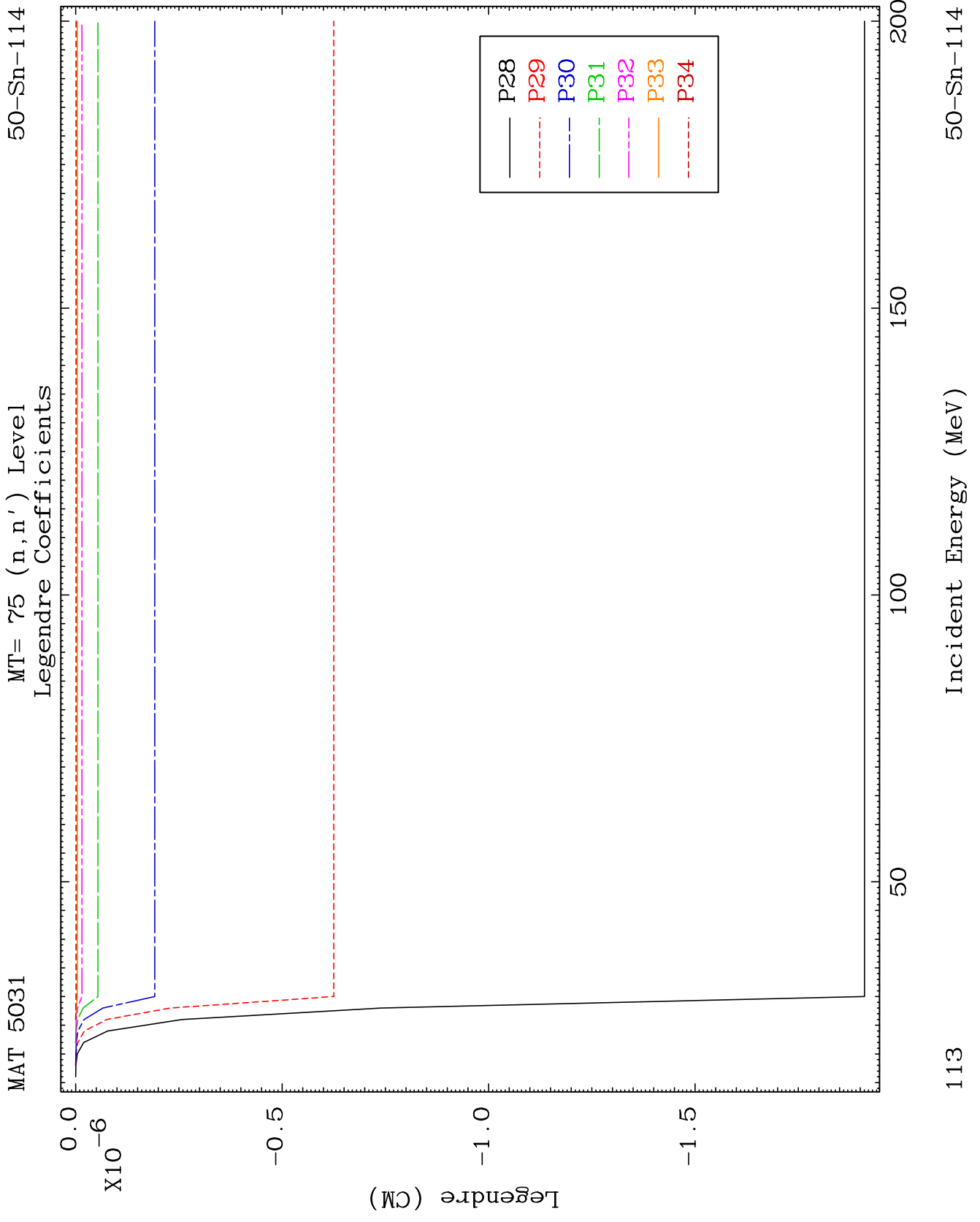
50-Sn-114

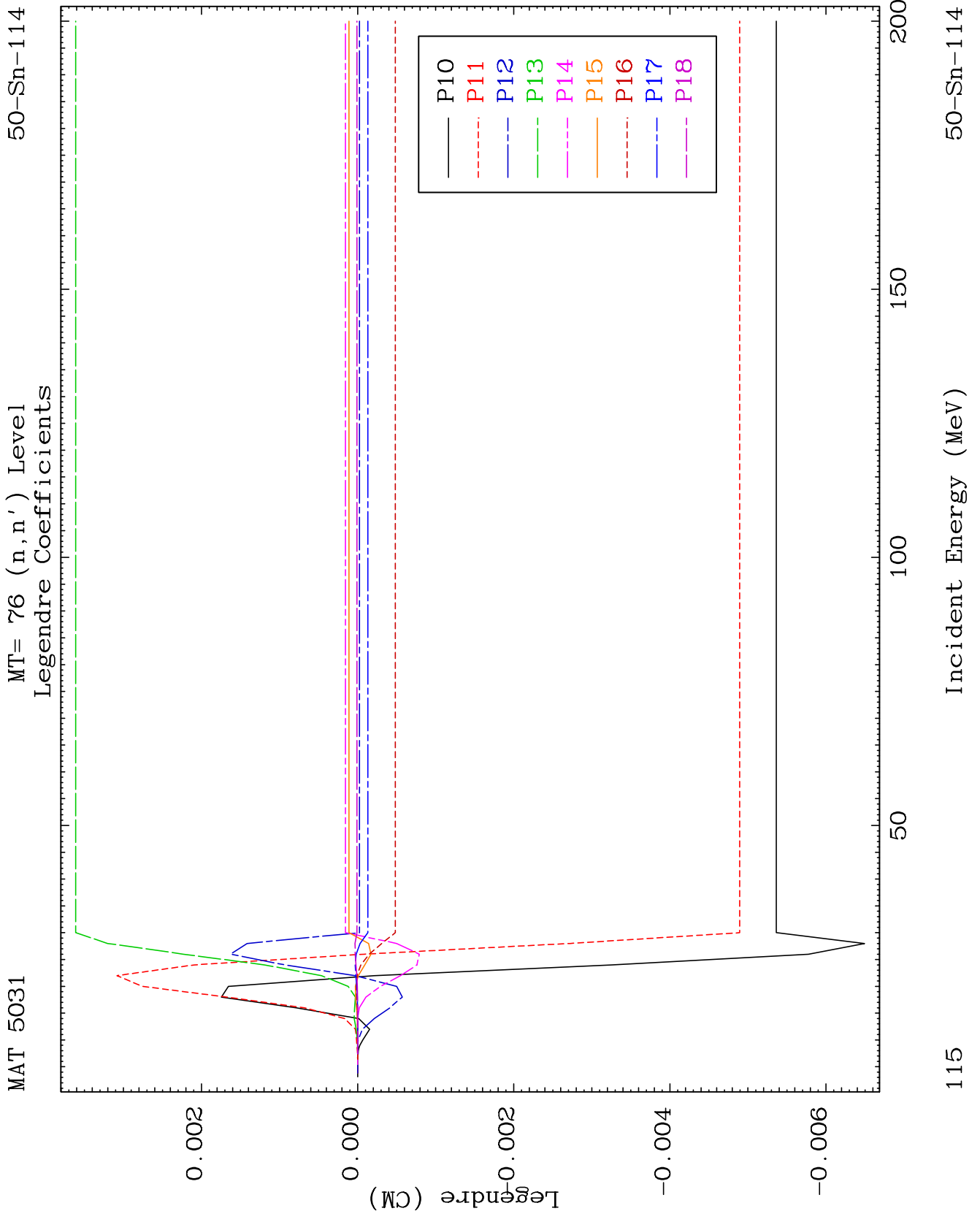
Incident Energy (MeV)

110





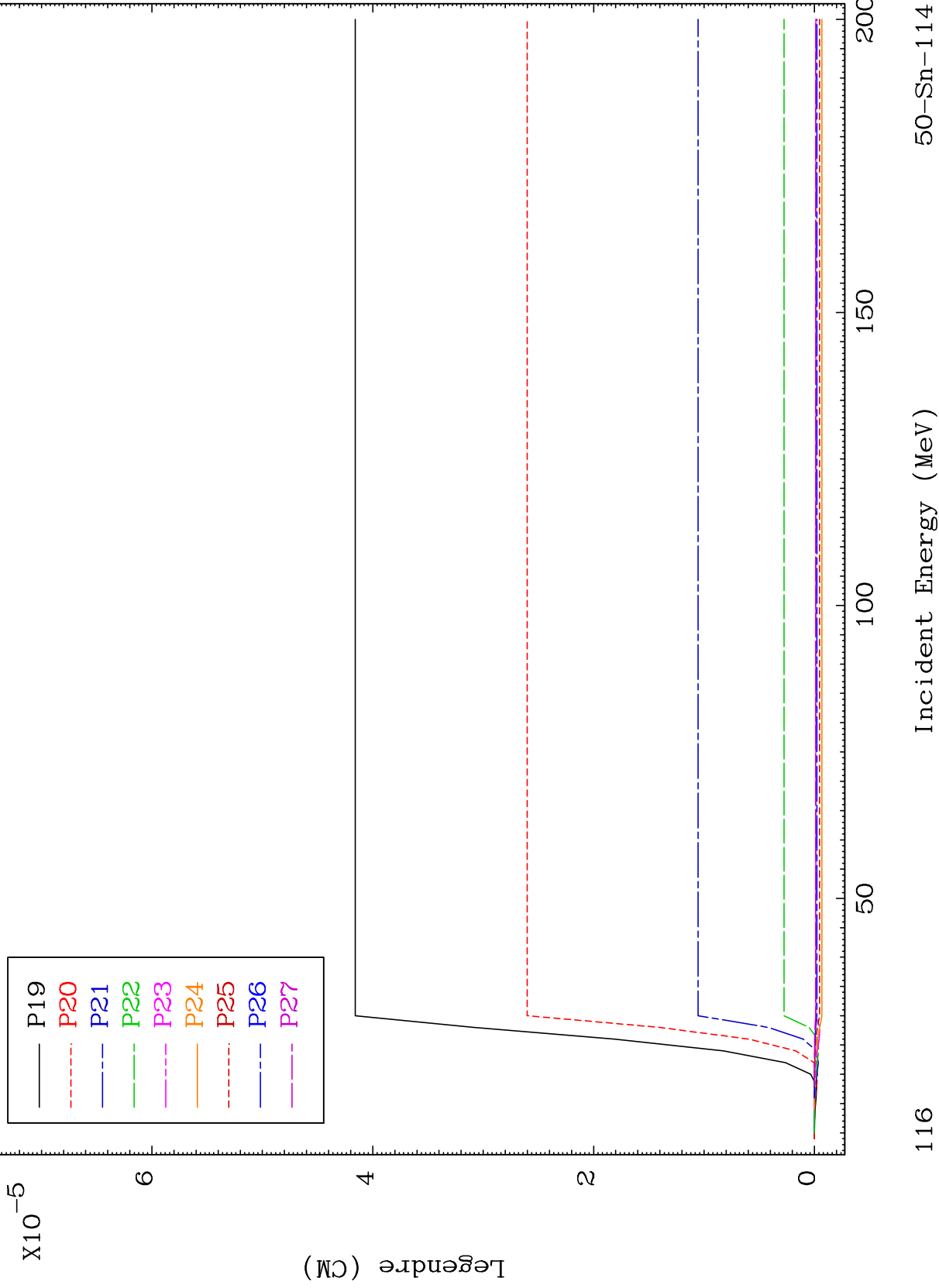
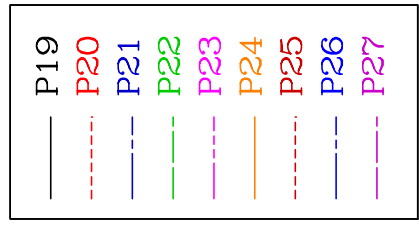




MAT 5031

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

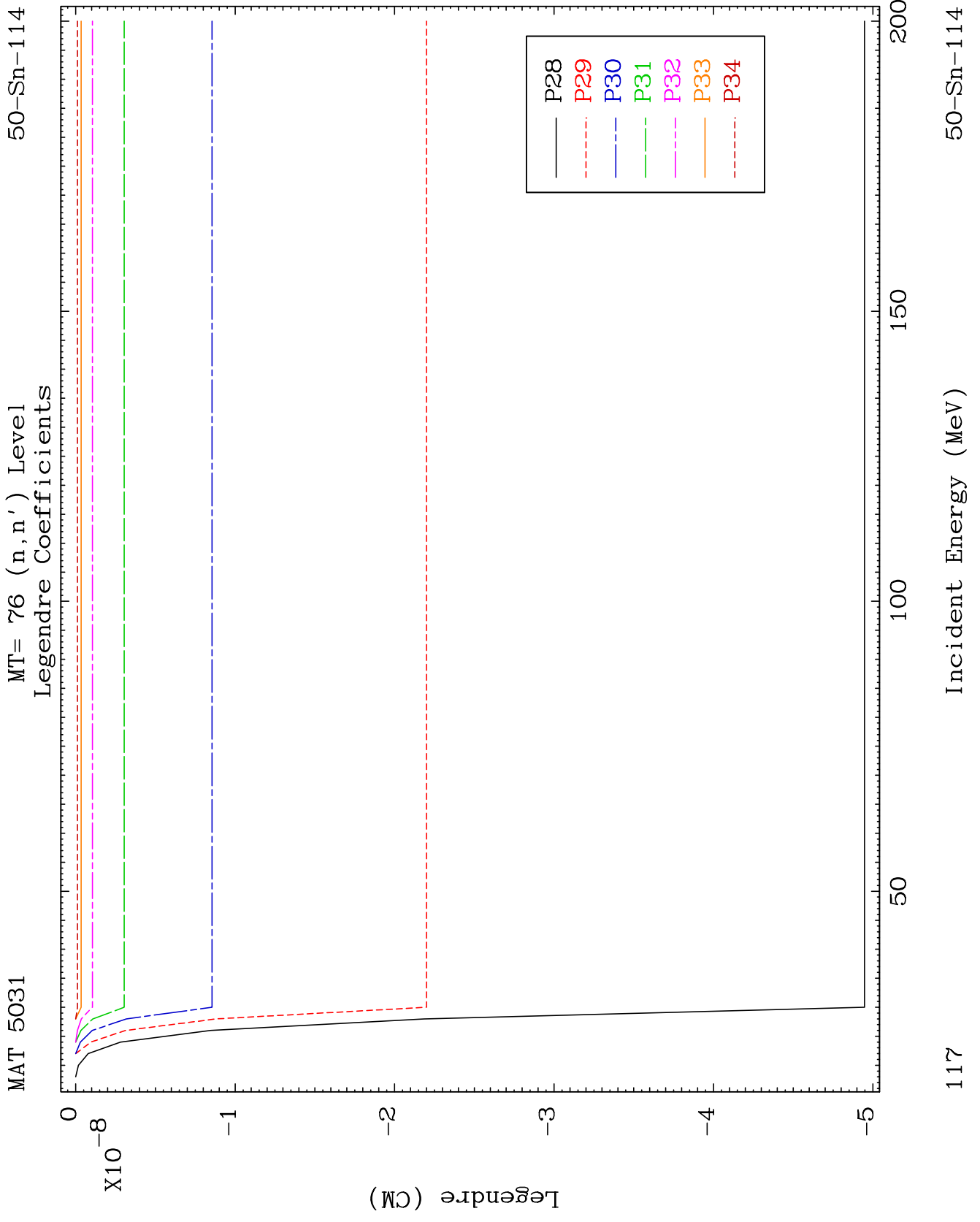
50-Sn-114

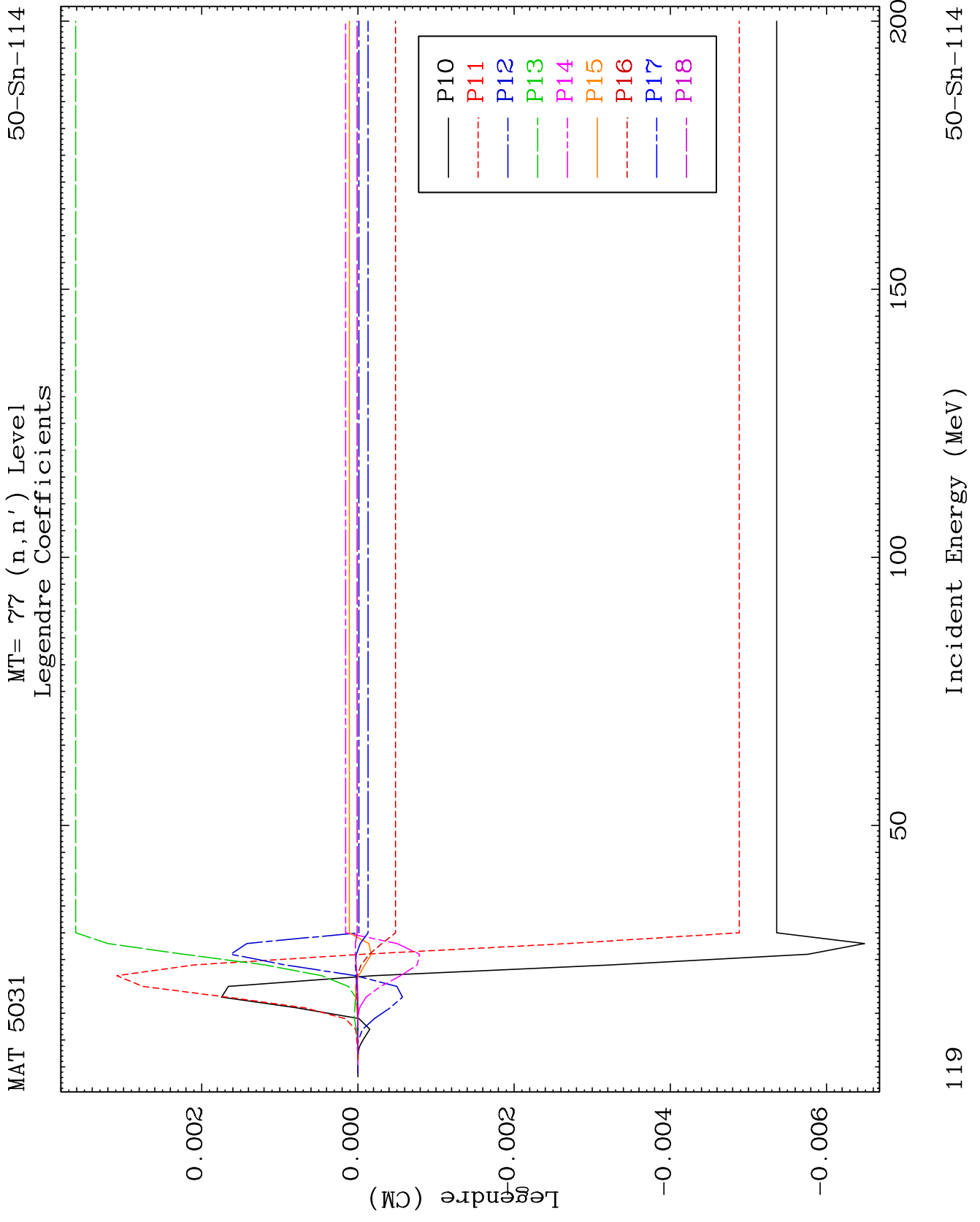


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Incident Energy (MeV)

50-Sn-114

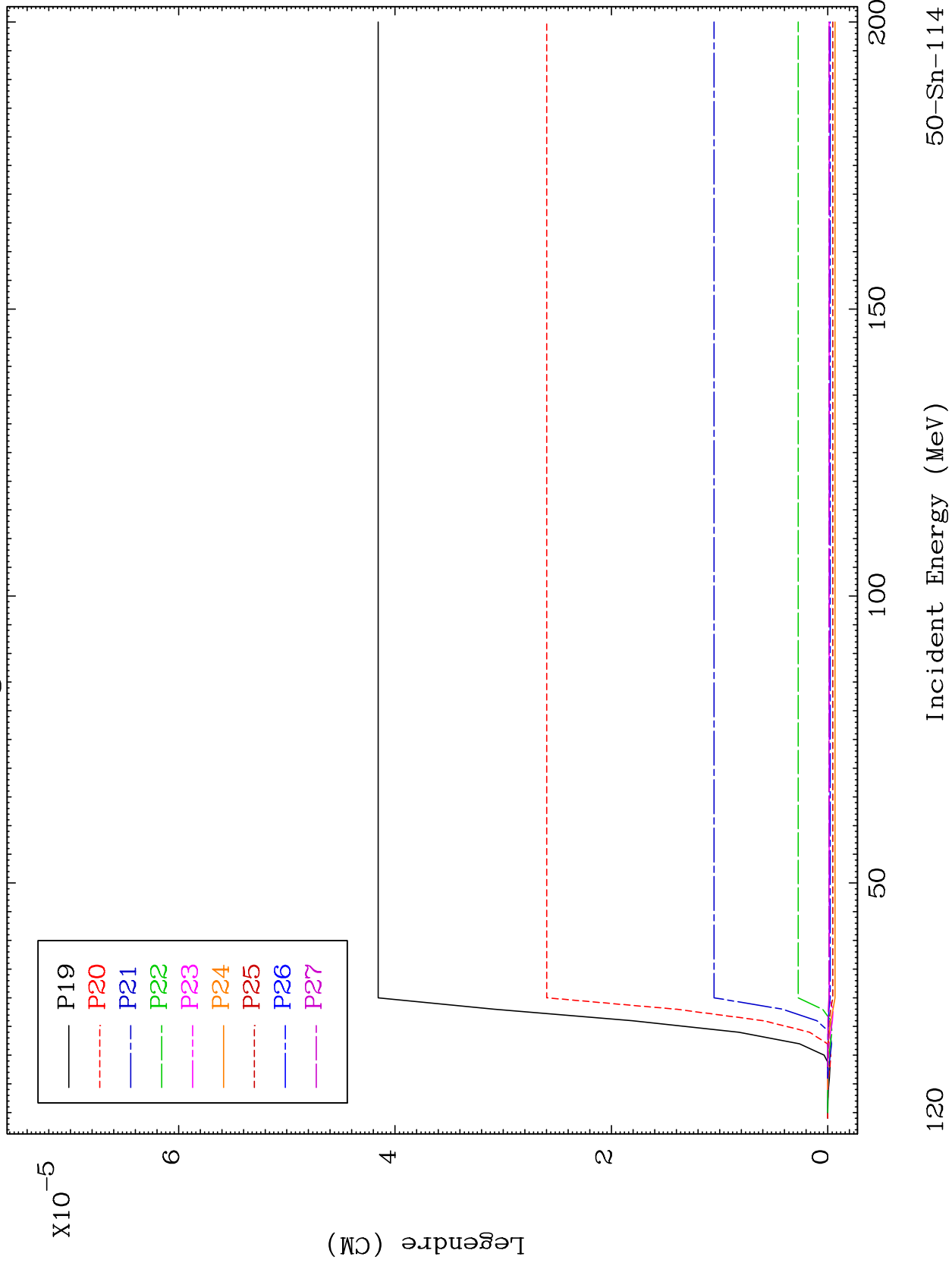


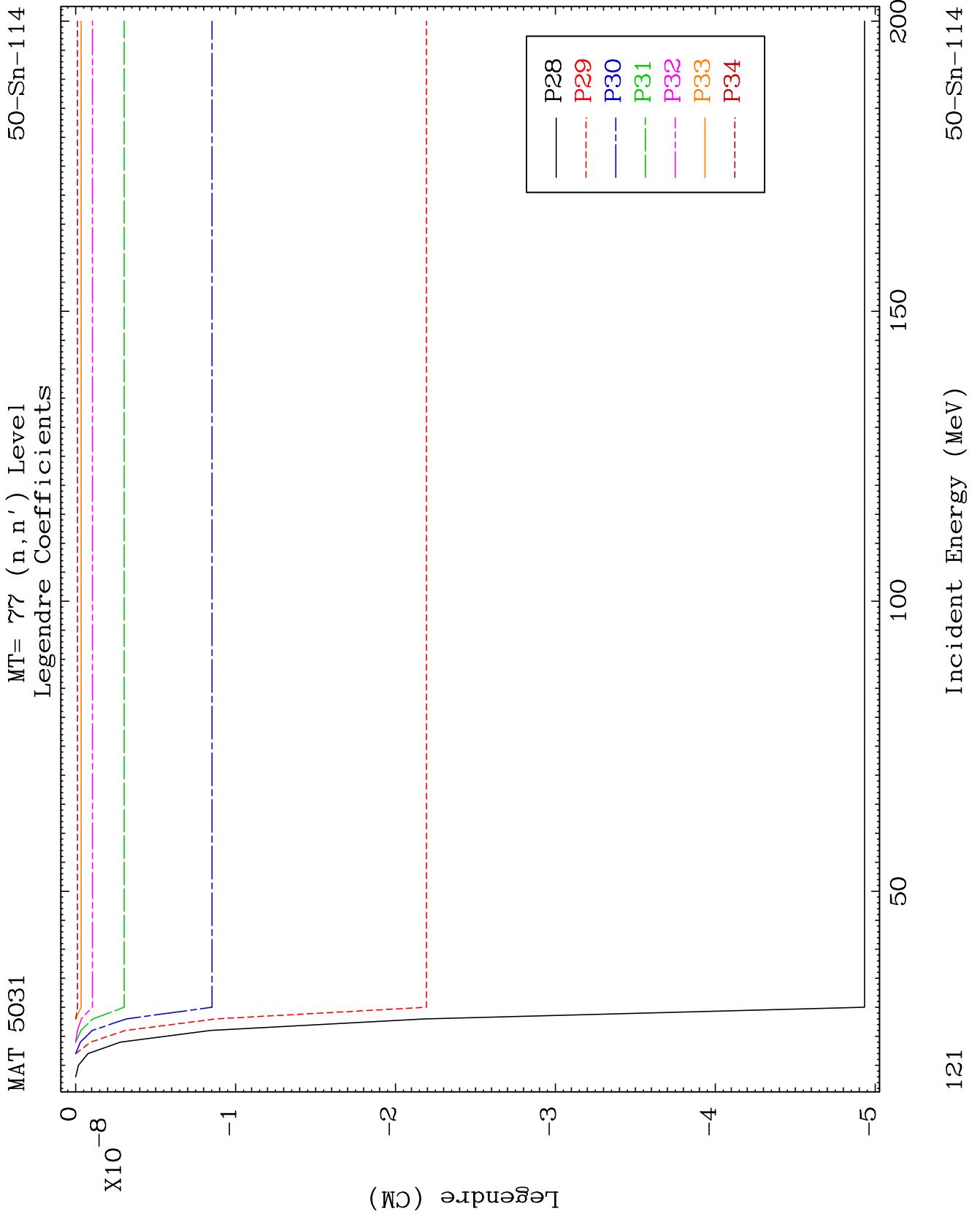


MAT 5031

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

50-Sn-114

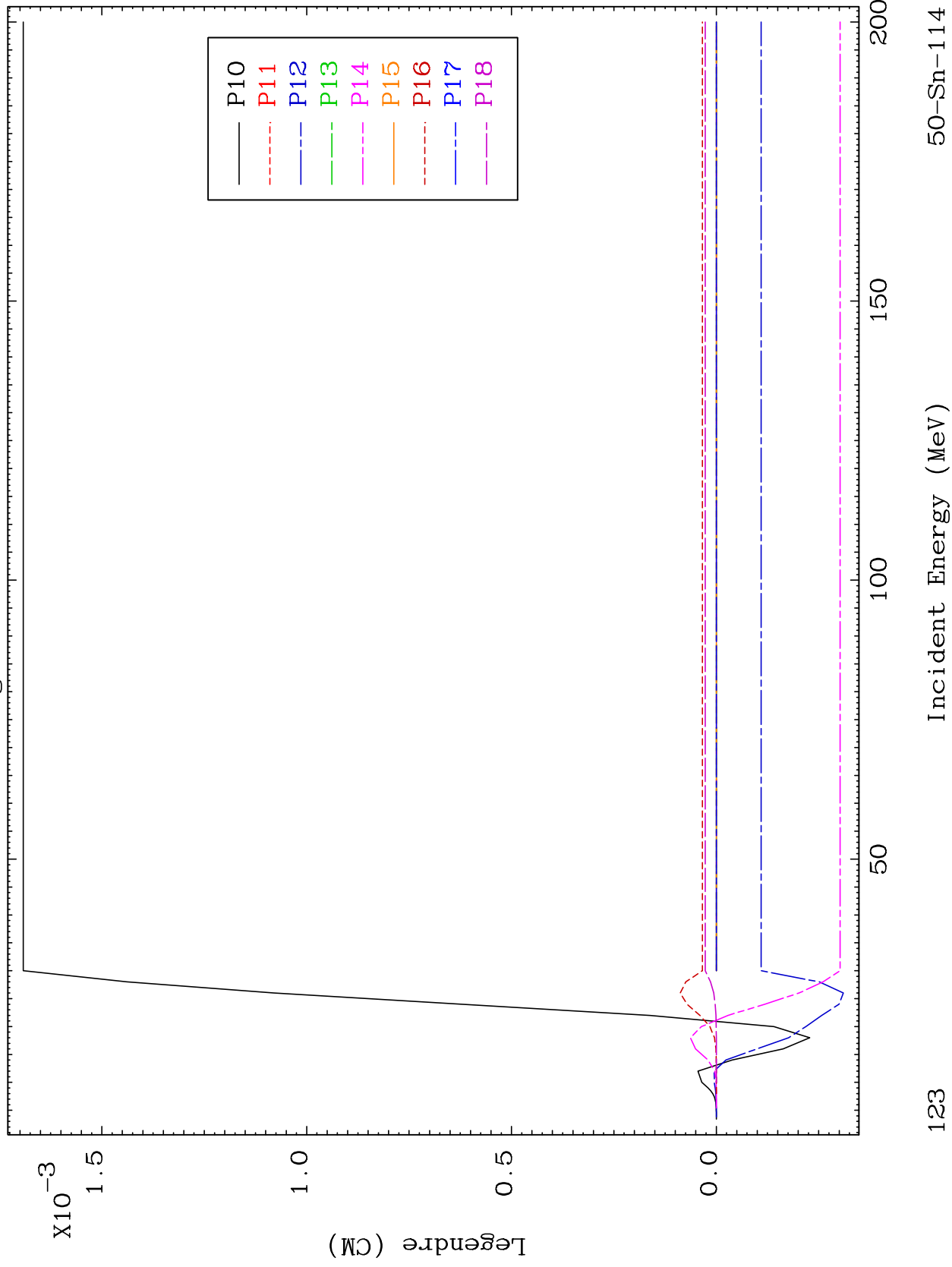




MAT 5031

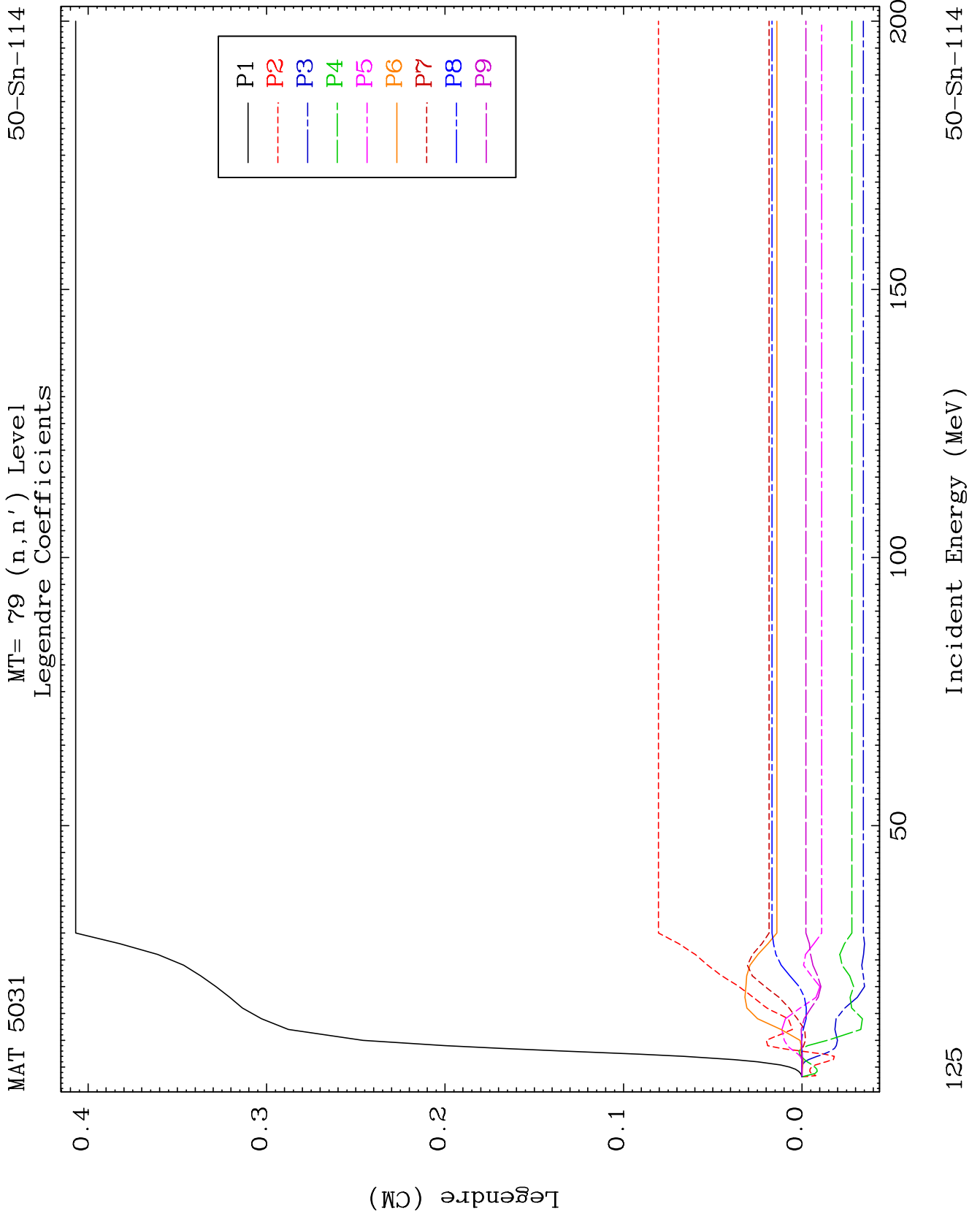
MT= 78 (n,n') Level
Legendre Coefficients

50-Sn-114



123

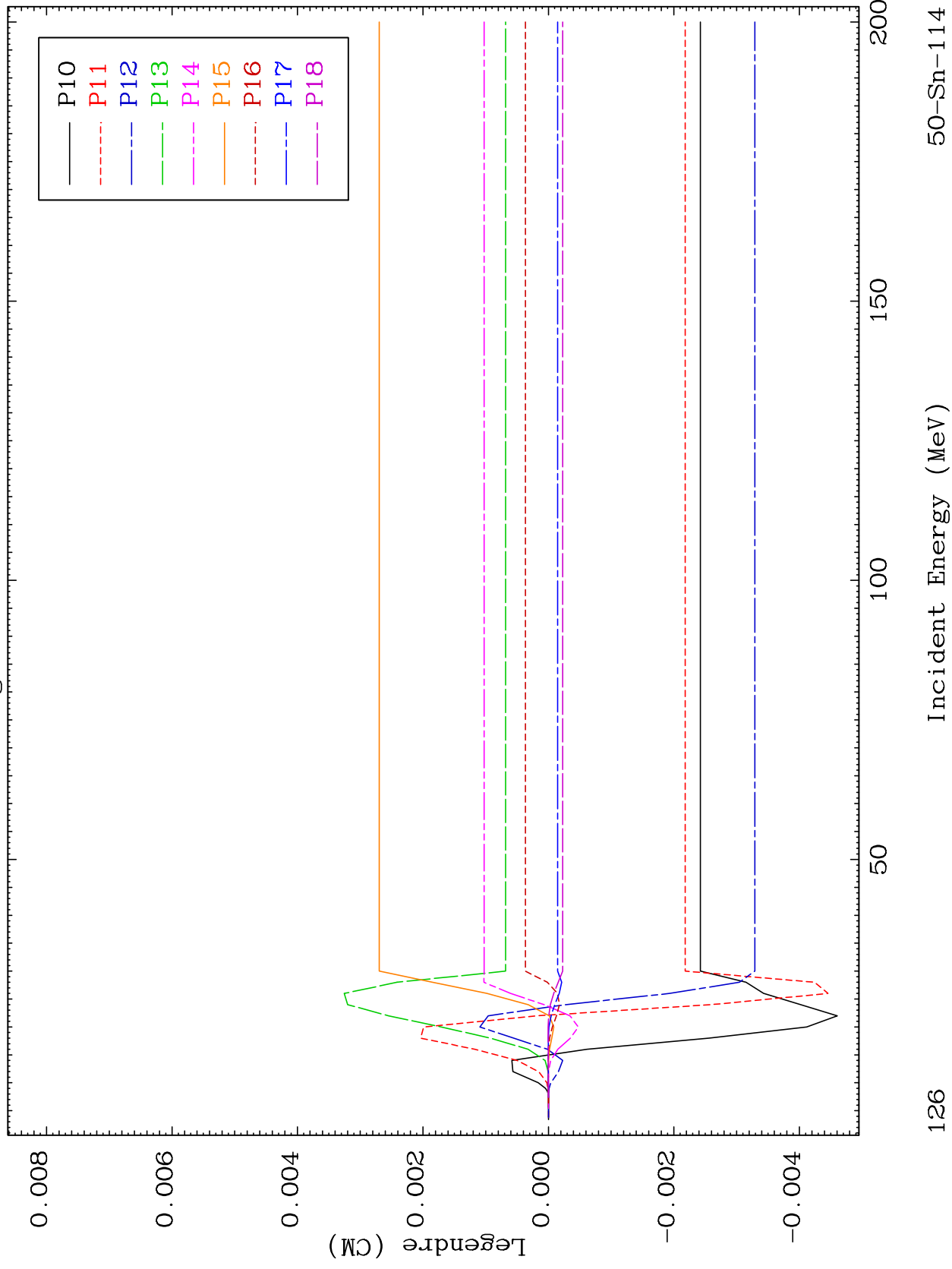
50-Sn-114



MAT 5031

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

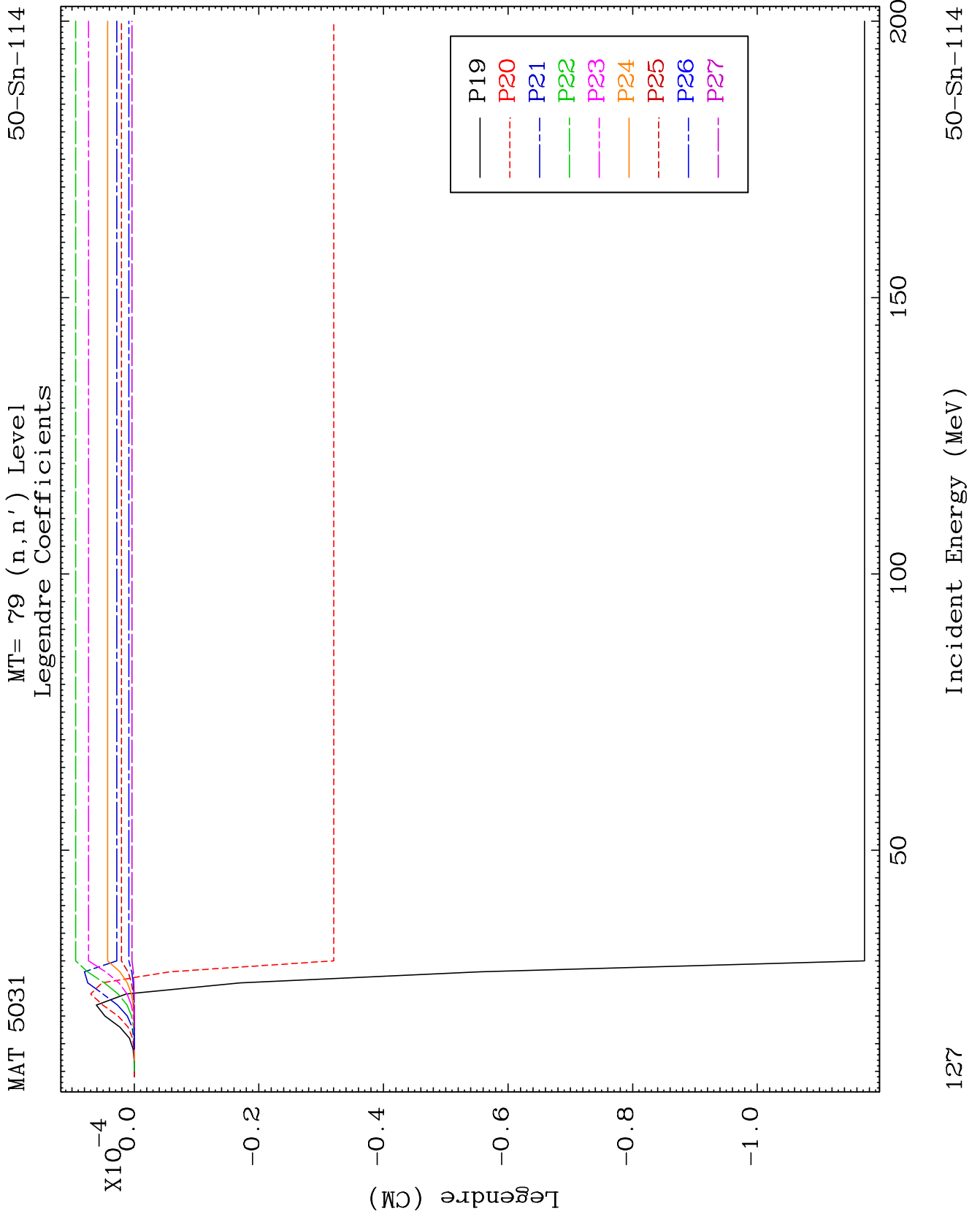
50-Sn-114

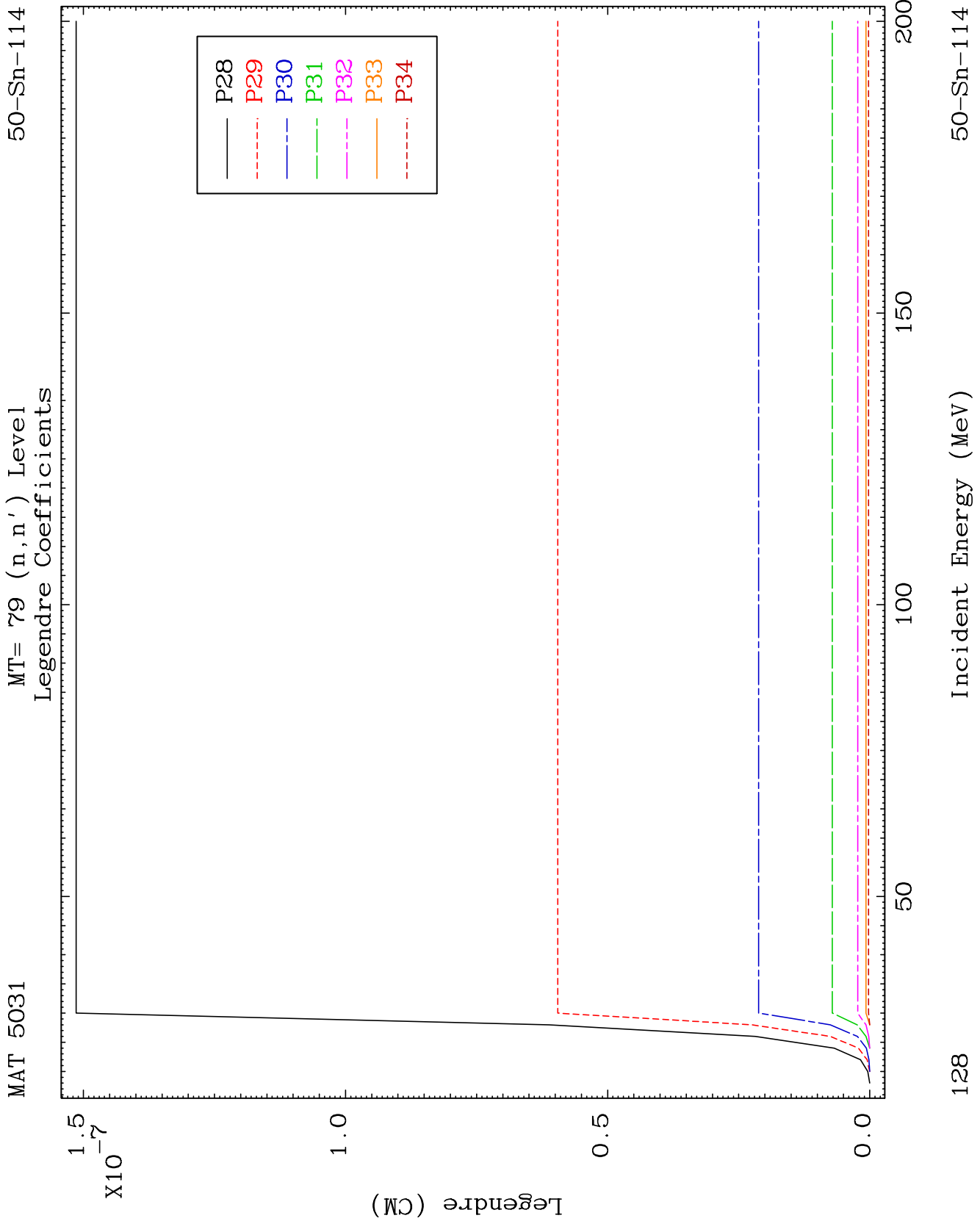


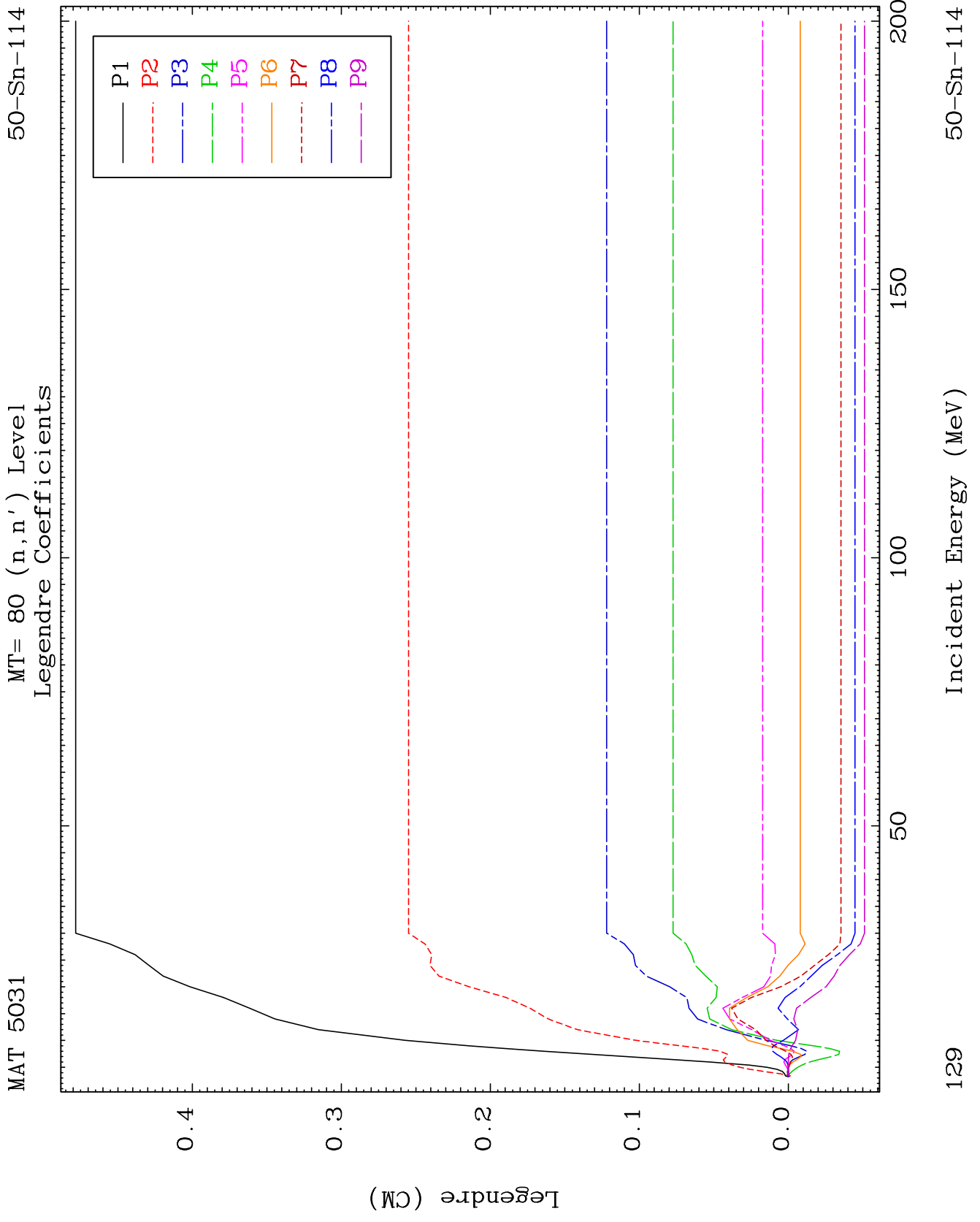
126

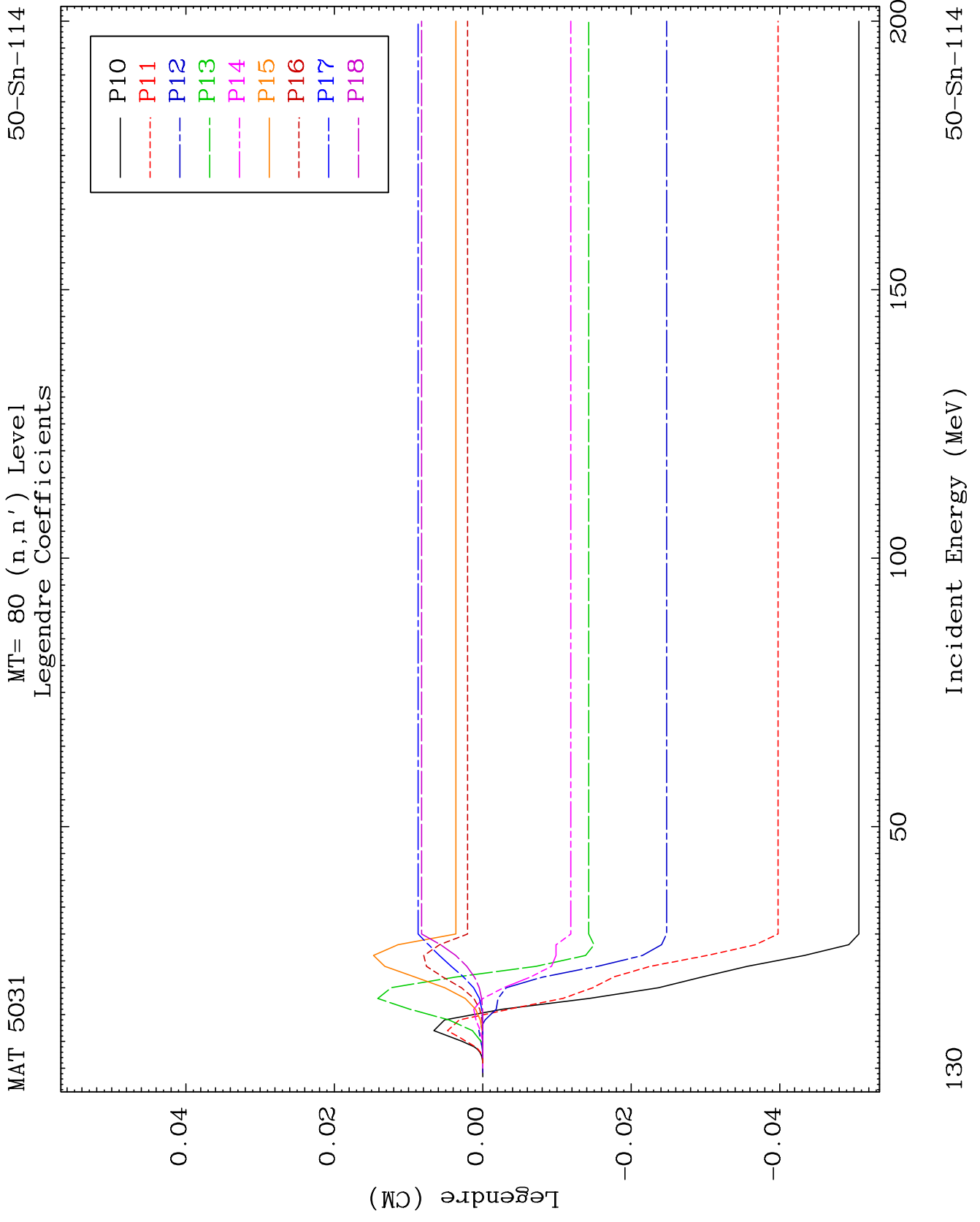
Incident Energy (MeV)

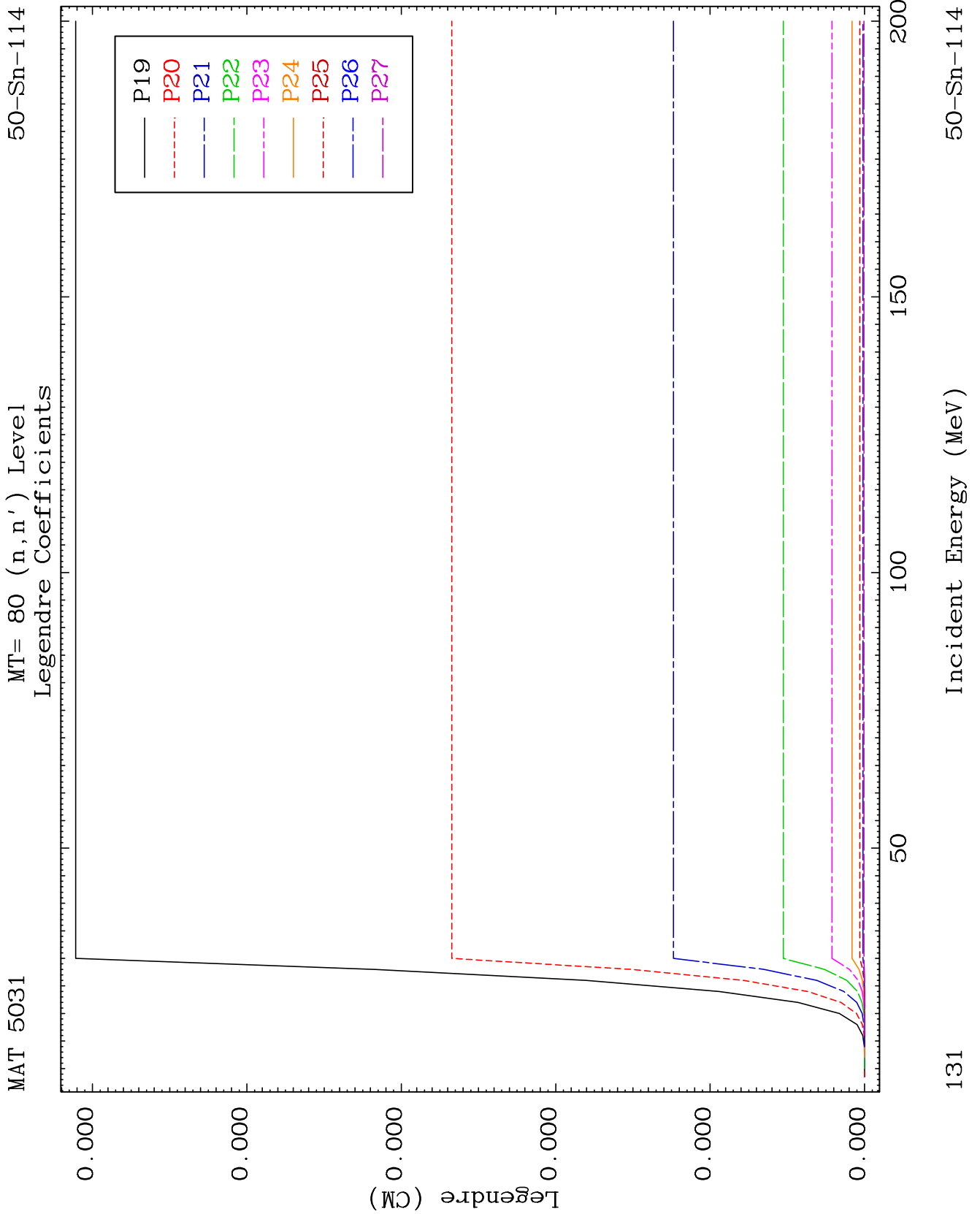
50-Sn-114

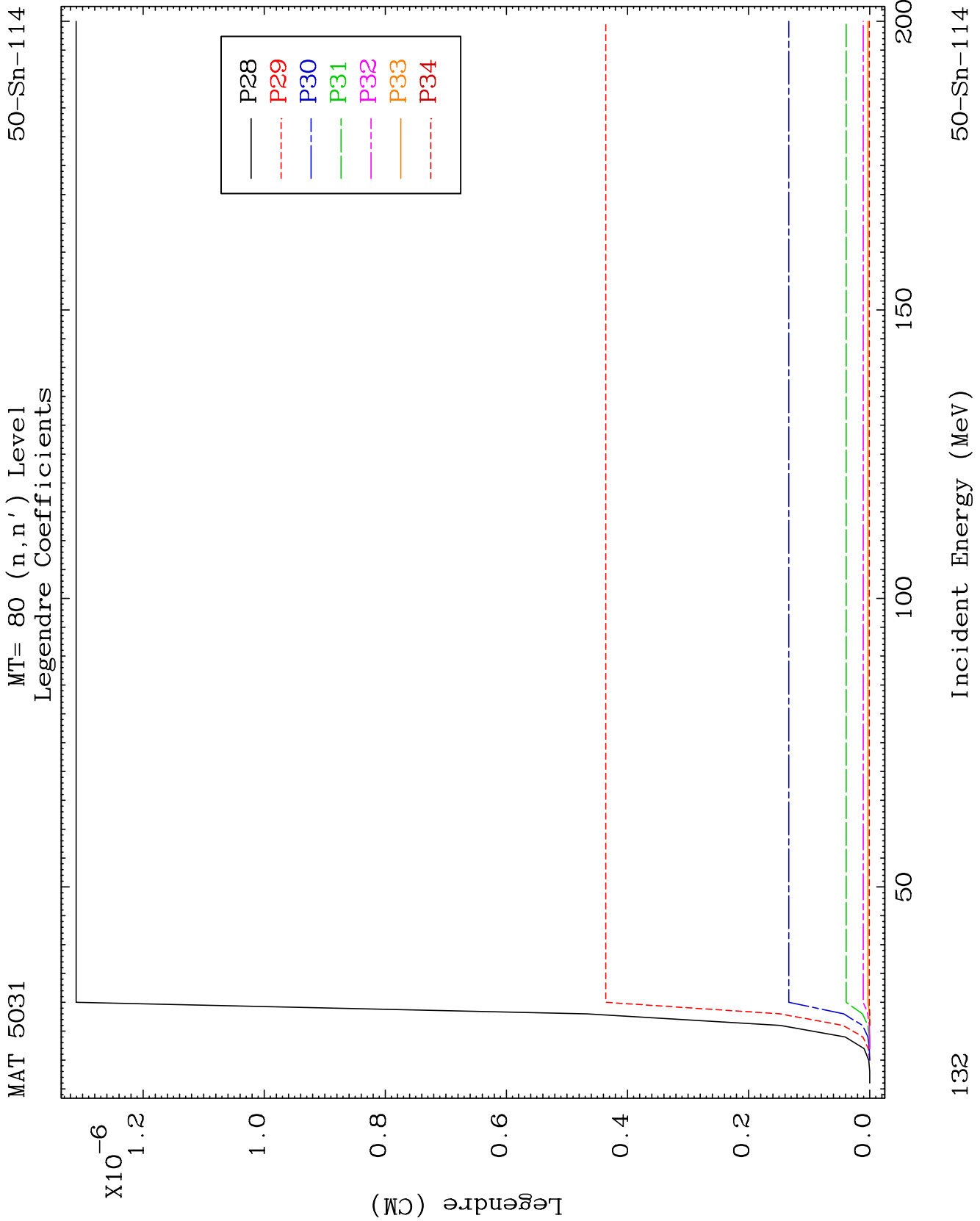




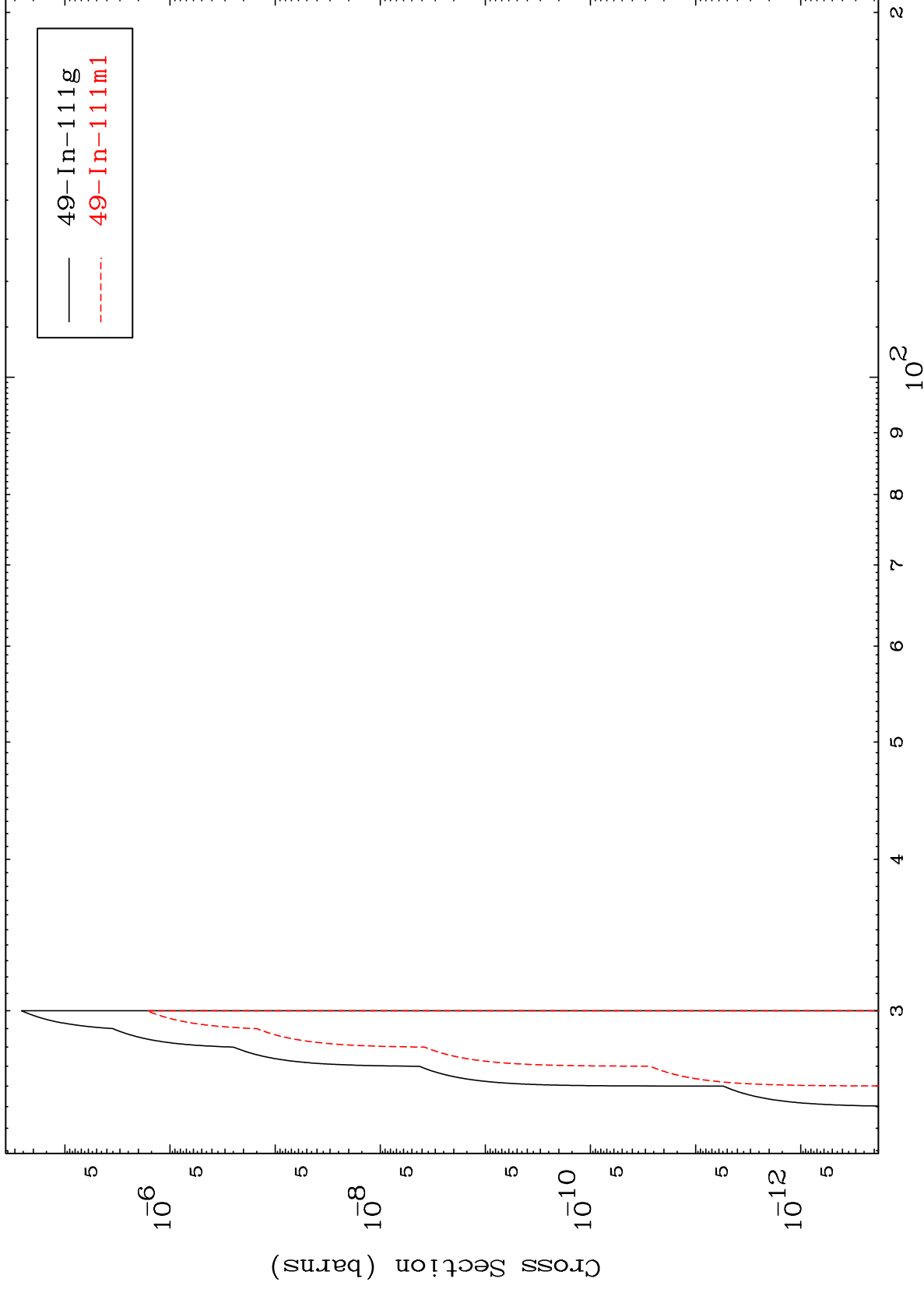








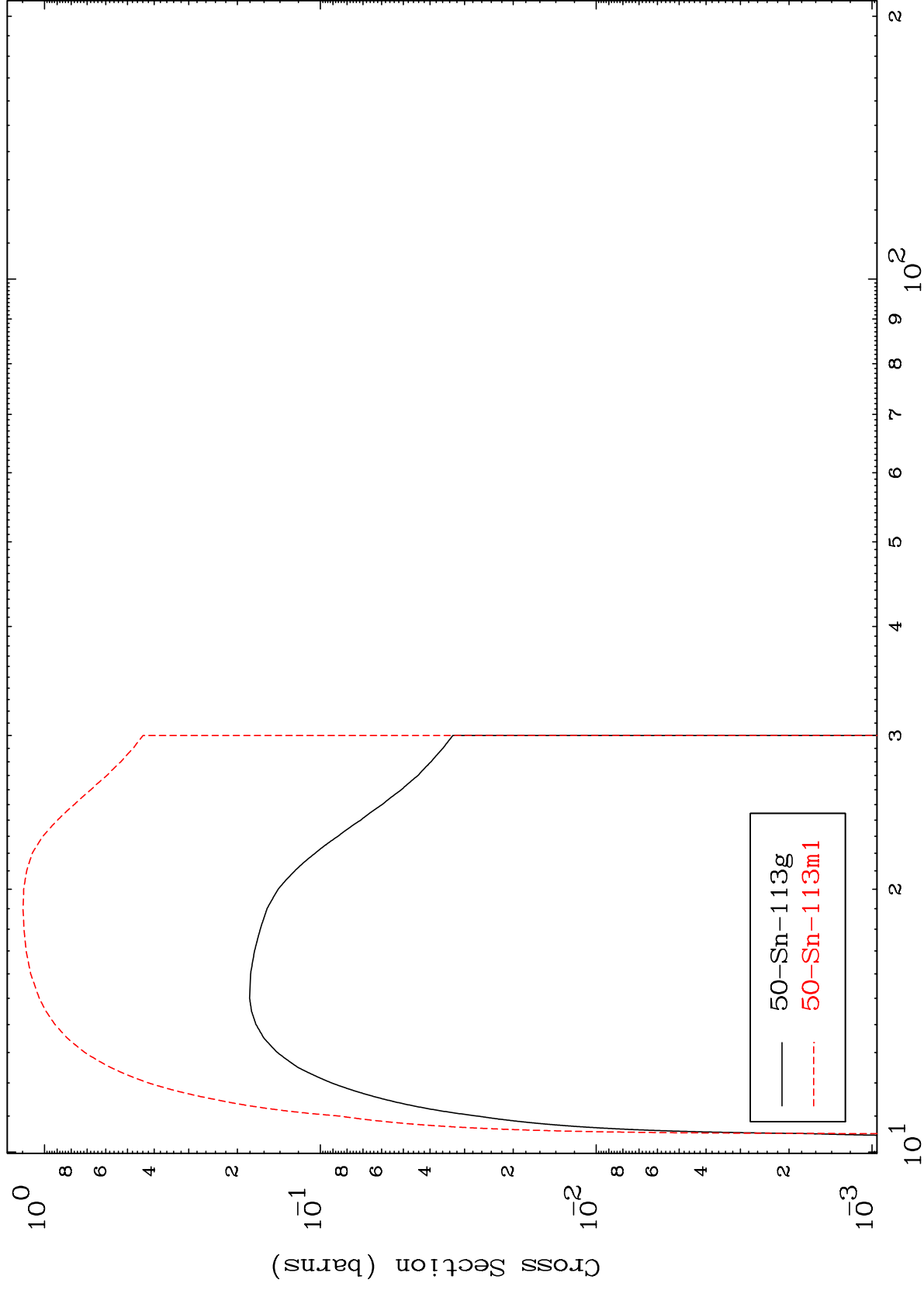
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,2n)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

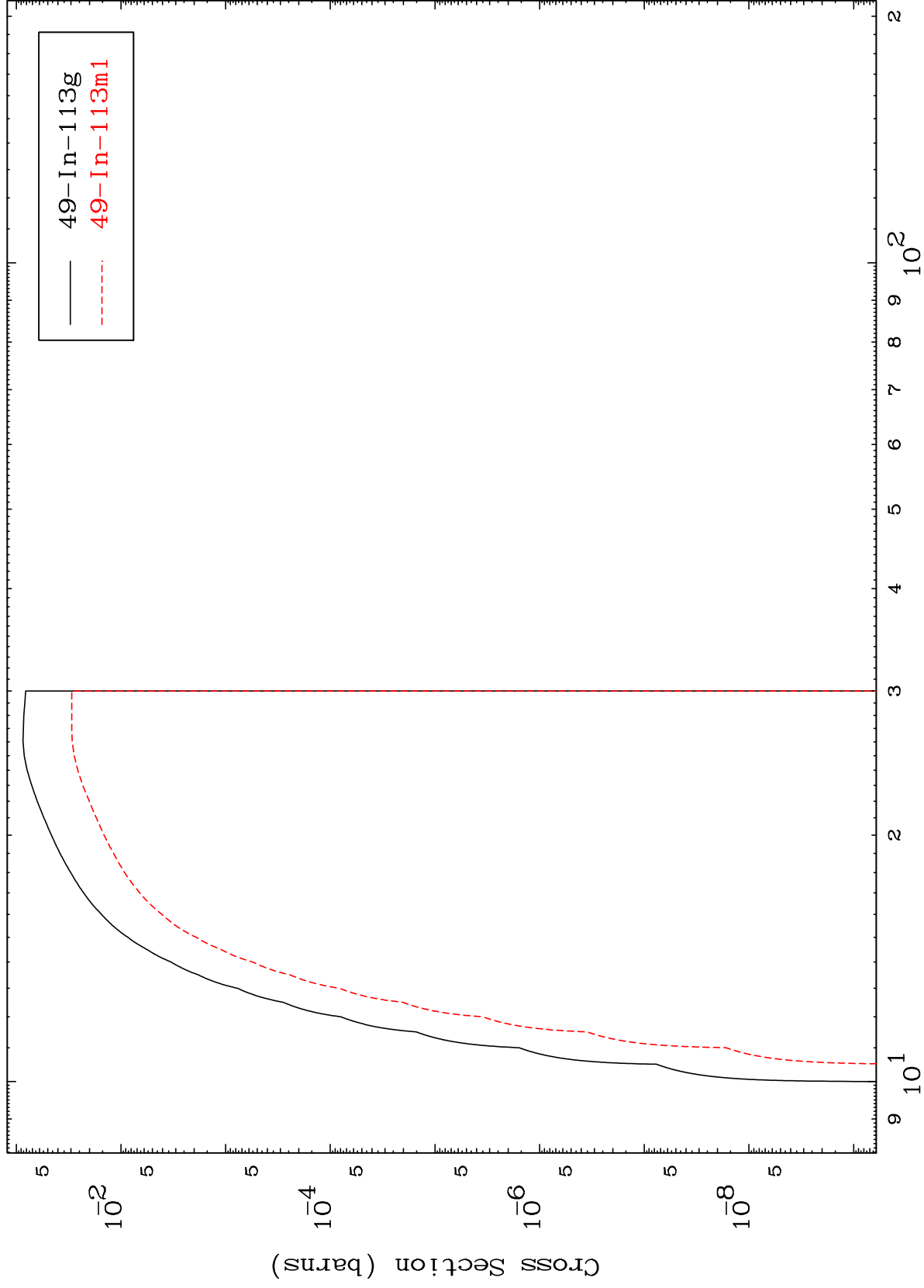
134

MAT 5031

50-Sn-114

(n,n') p

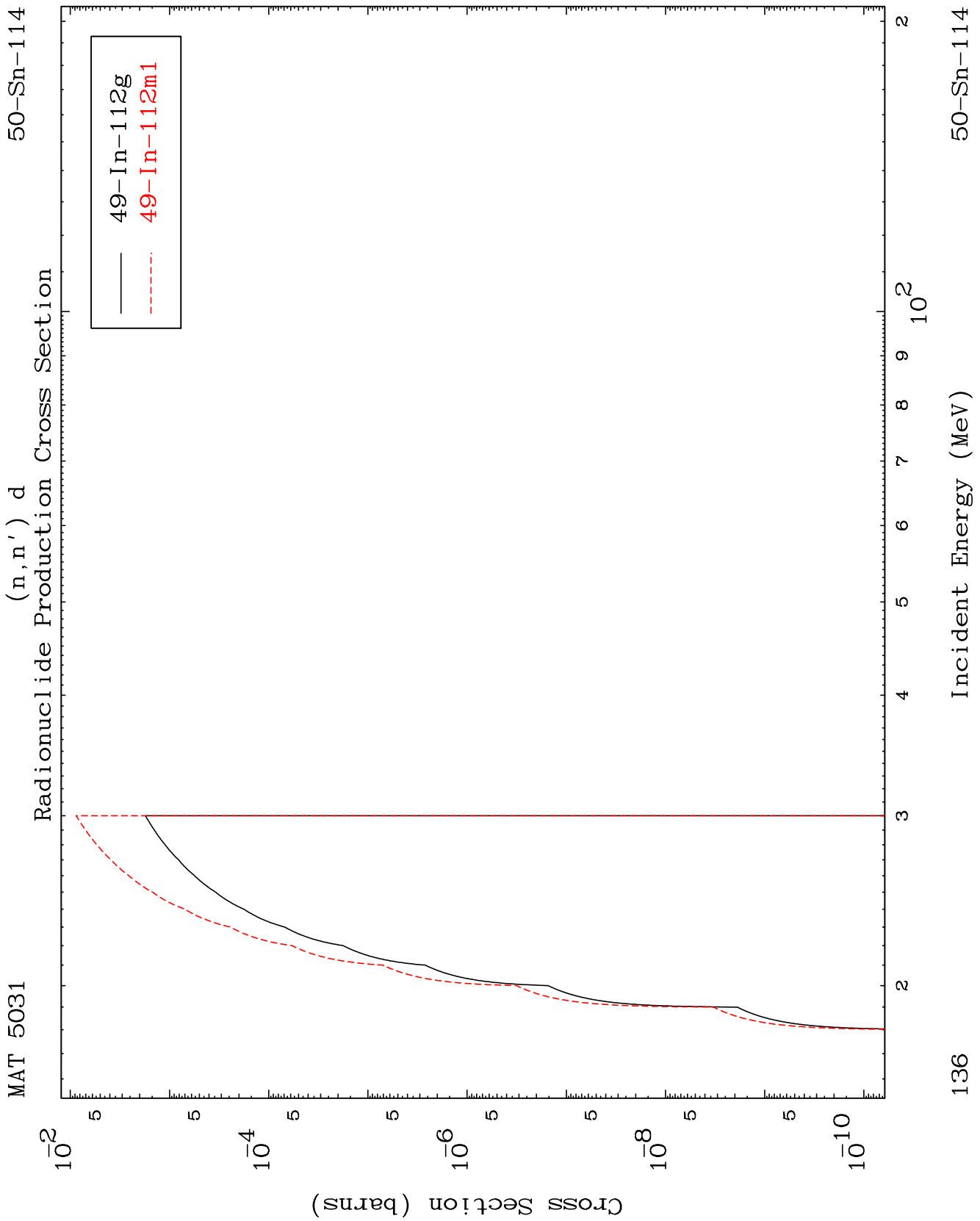
Radionuclide Production Cross Section



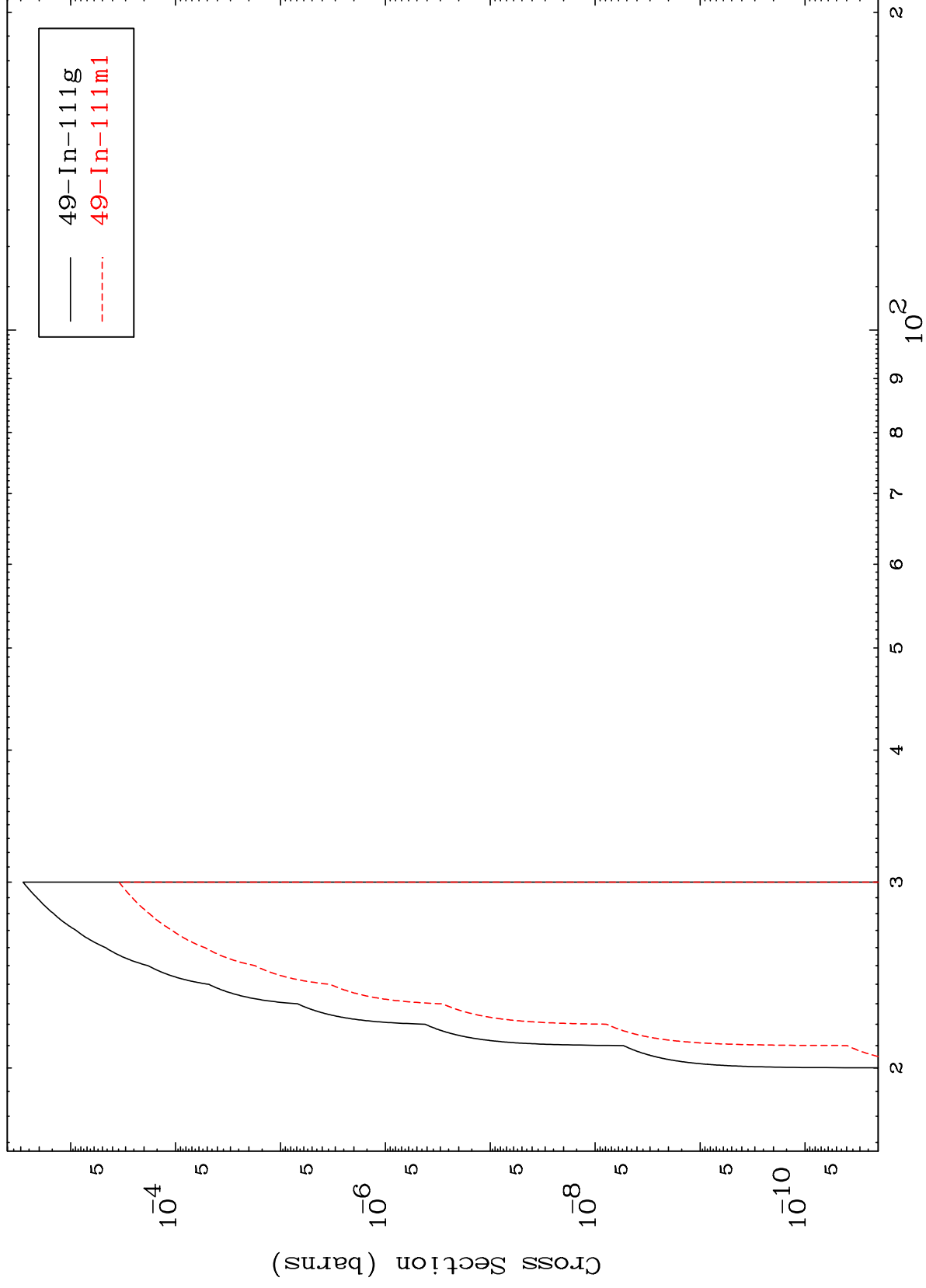
50-Sn-114

Incident Energy (MeV)

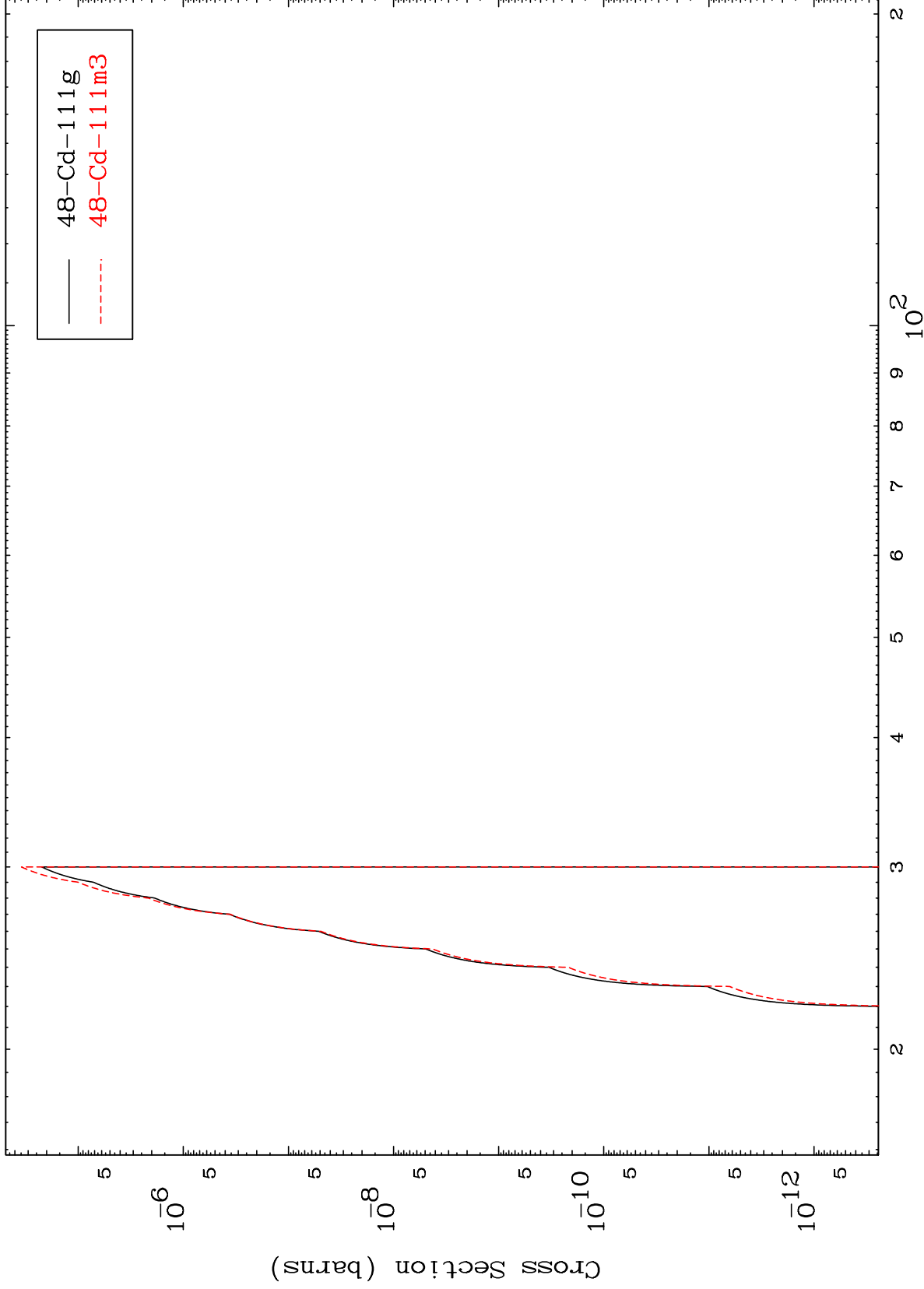
135



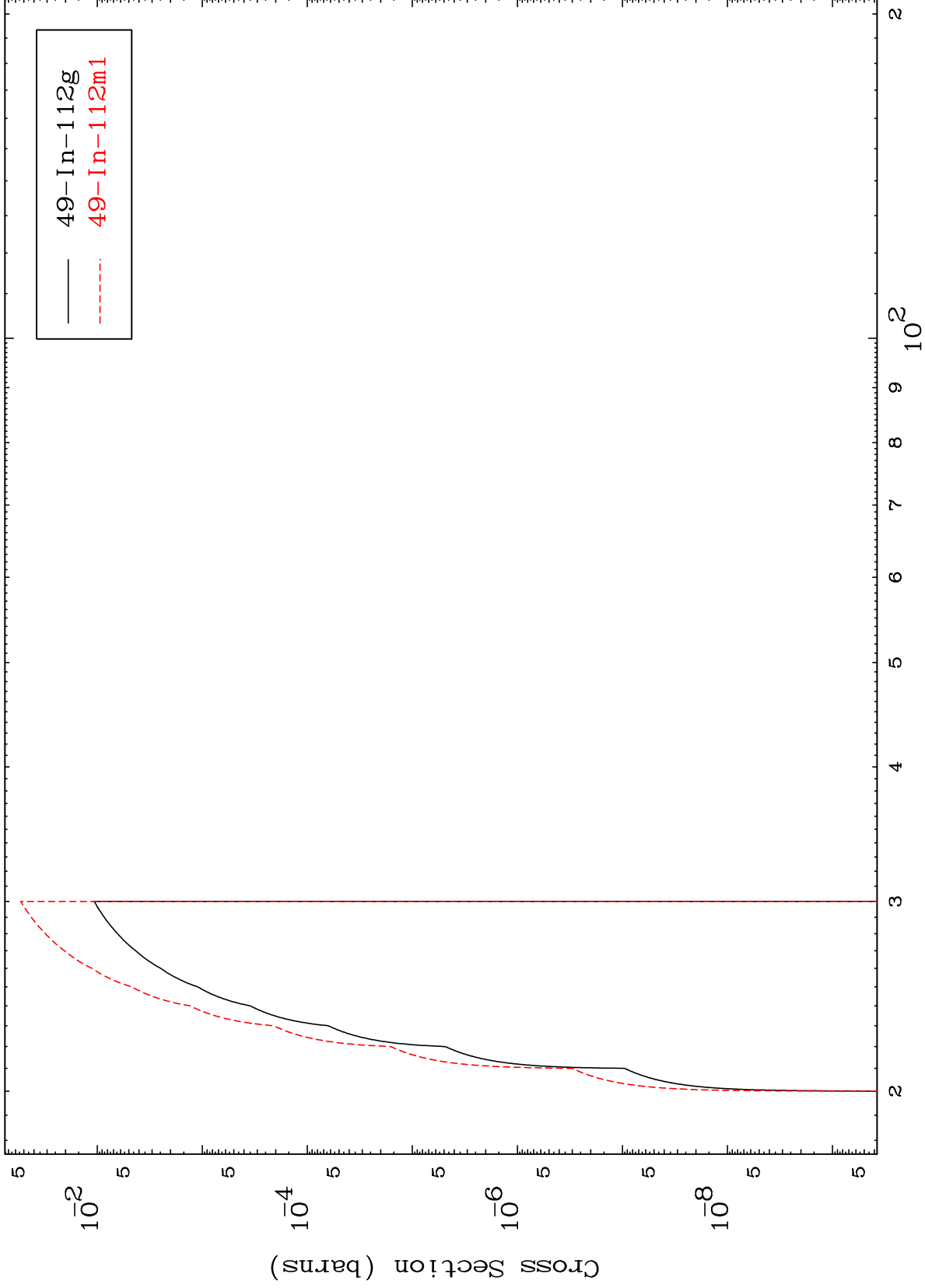
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

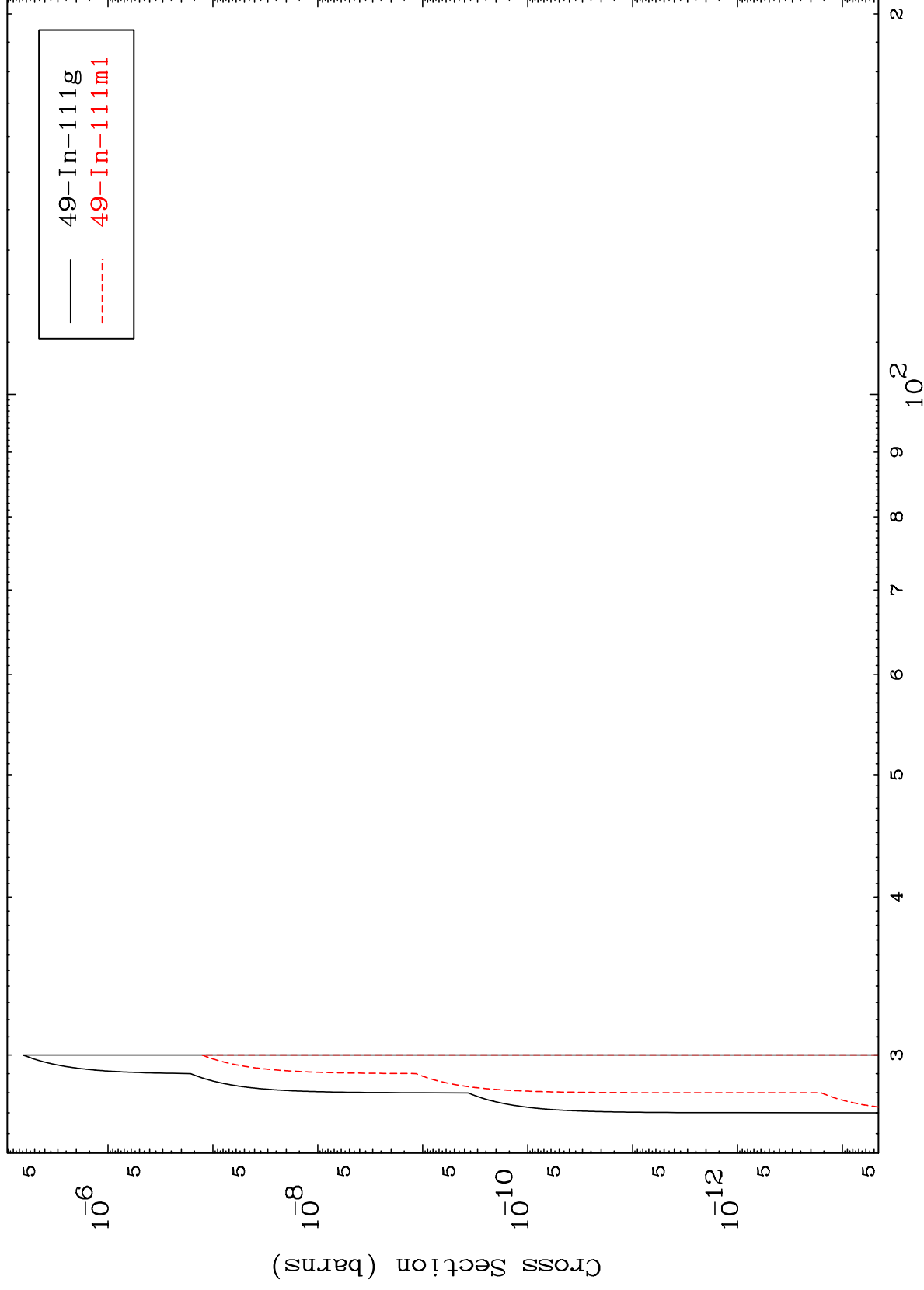


MAT 5031

(n,3n) p

50-Sn-114

Radionuclide Production Cross Section



140

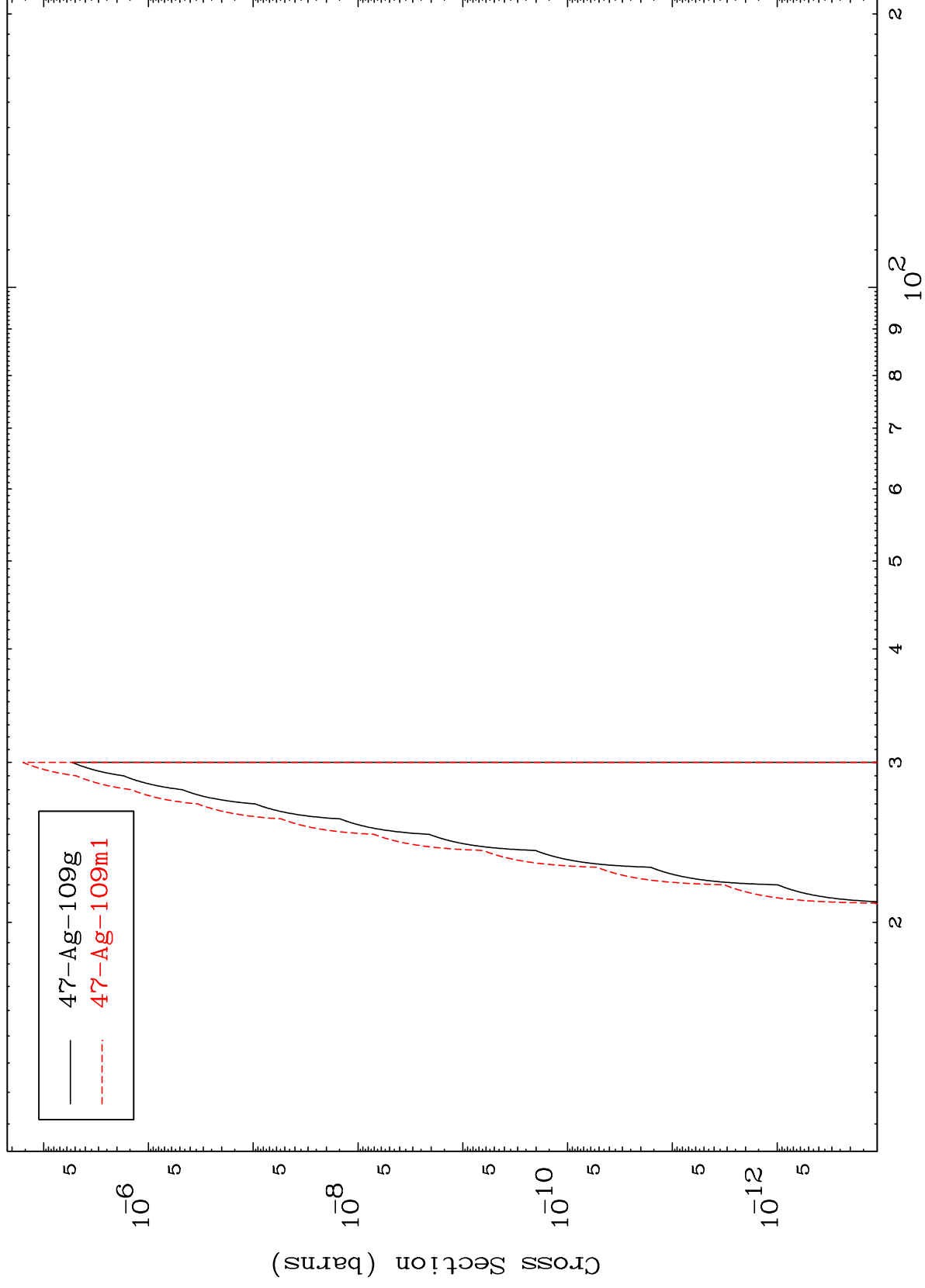
Incident Energy (MeV)

50-Sn-114

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50-Sn-114

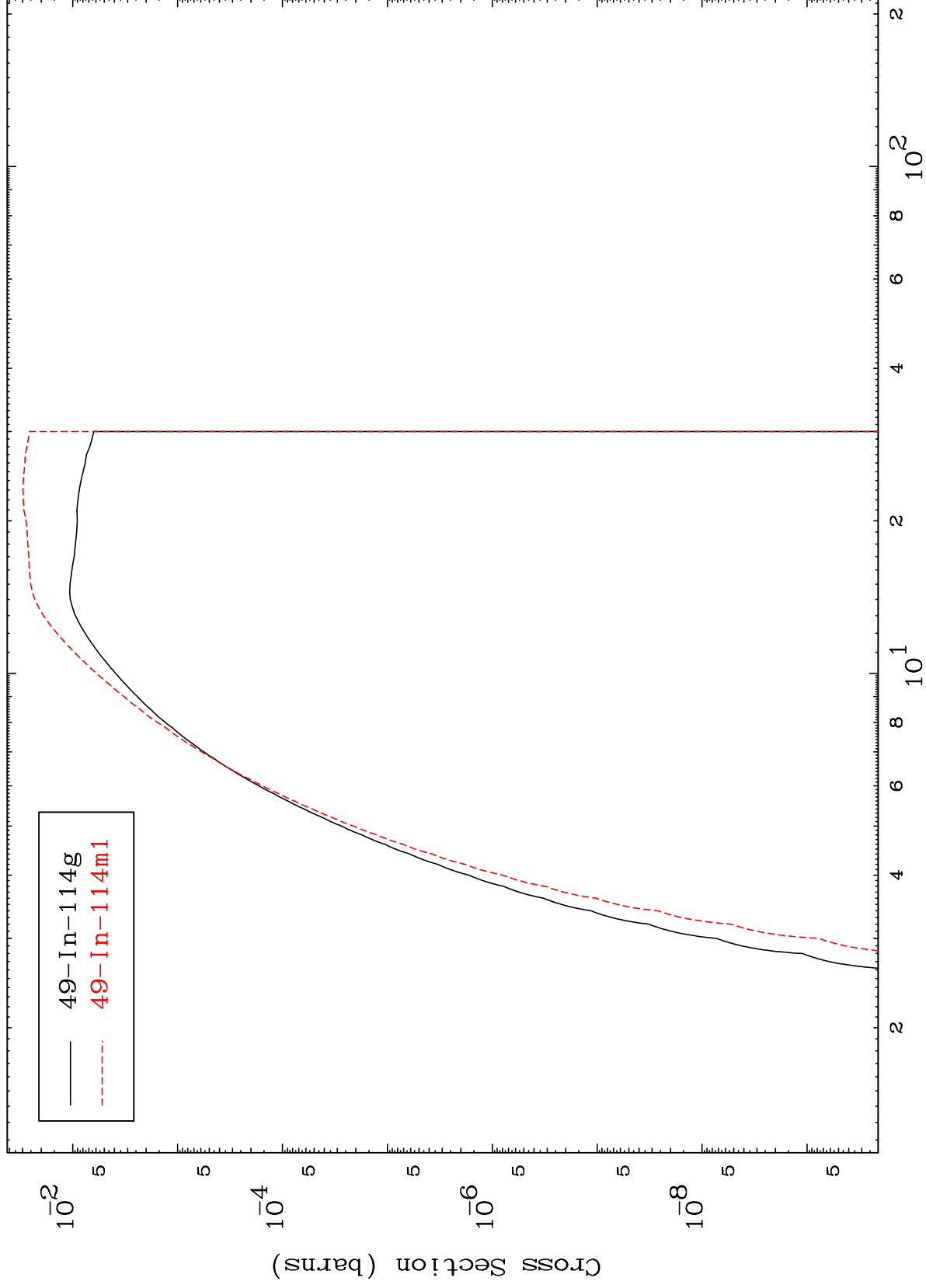
(n,n') p α
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,p)
Radionuclide Production Cross Section



142

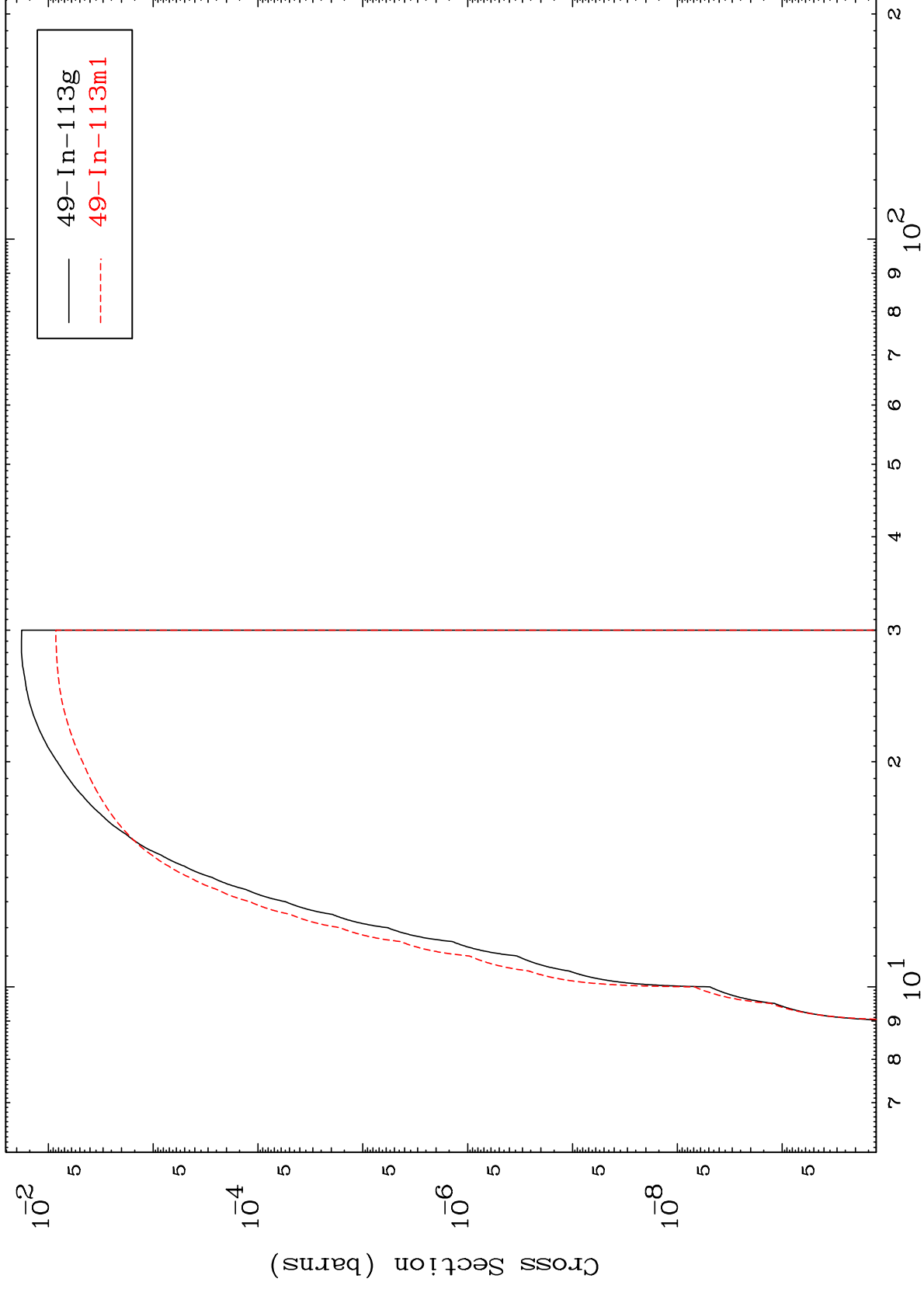
50-Sn-114

Incident Energy (MeV)

MAT 5031

50-Sn-114

(n,d)
Radionuclide Production Cross Section



143

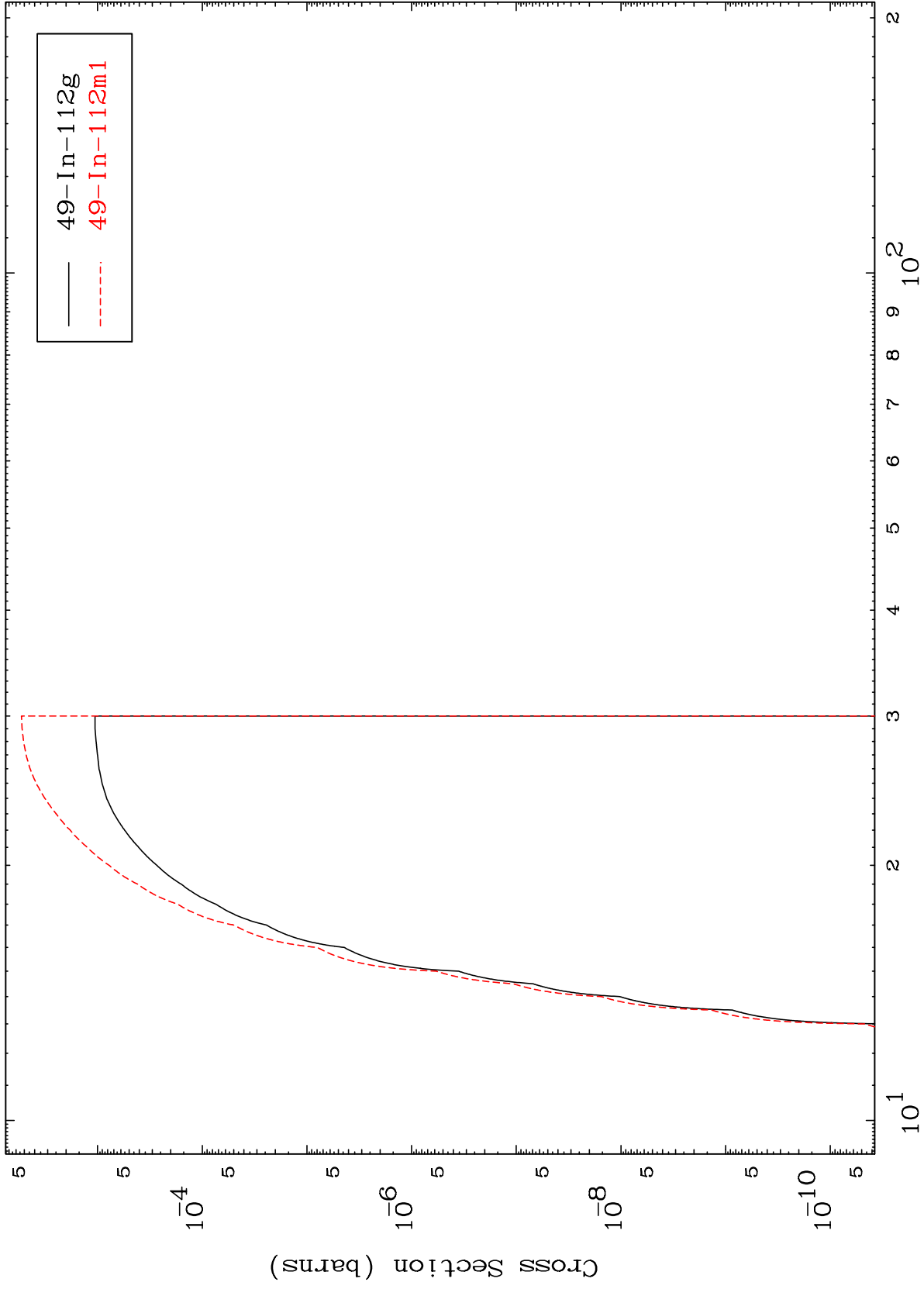
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,t)
Radionuclide Production Cross Section



50-Sn-114

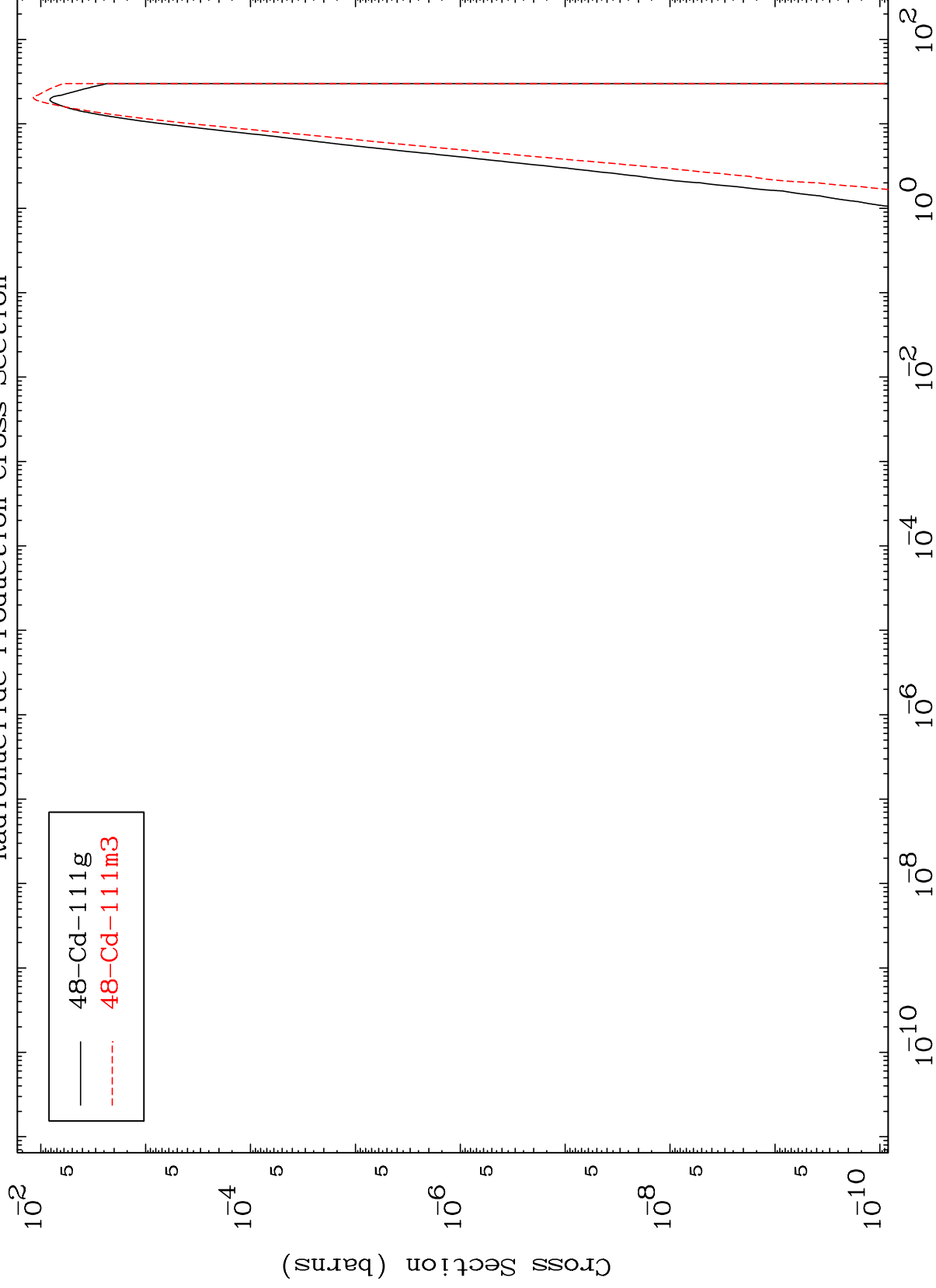
Incident Energy (MeV)

144

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50-Sn-114

Radionuclide Production Cross Section
(n, α)



145

Incident Energy (MeV)

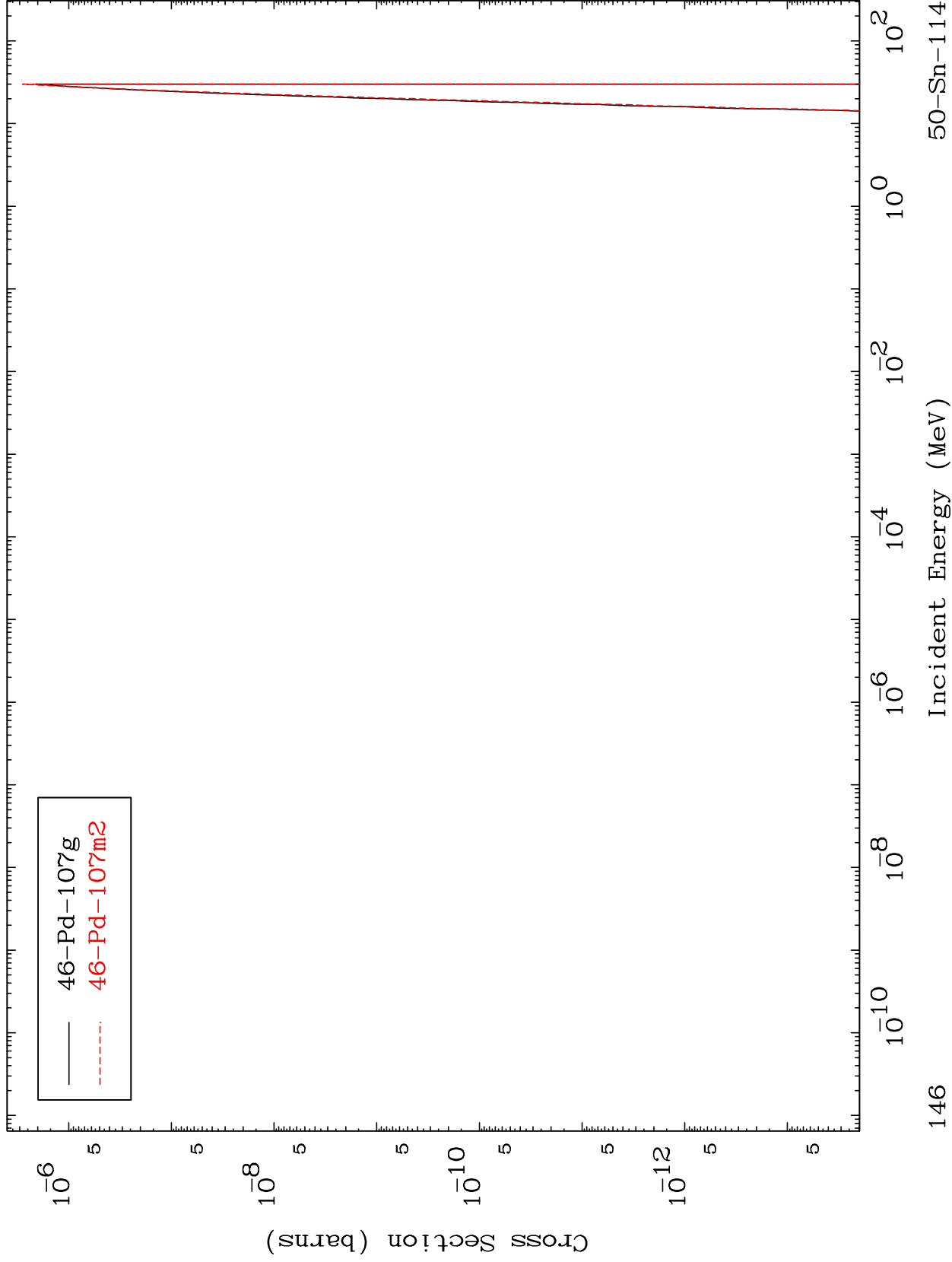
50-Sn-114

MAT 5031

(n,2α)

50-Sn-114

Radionuclide Production Cross Section

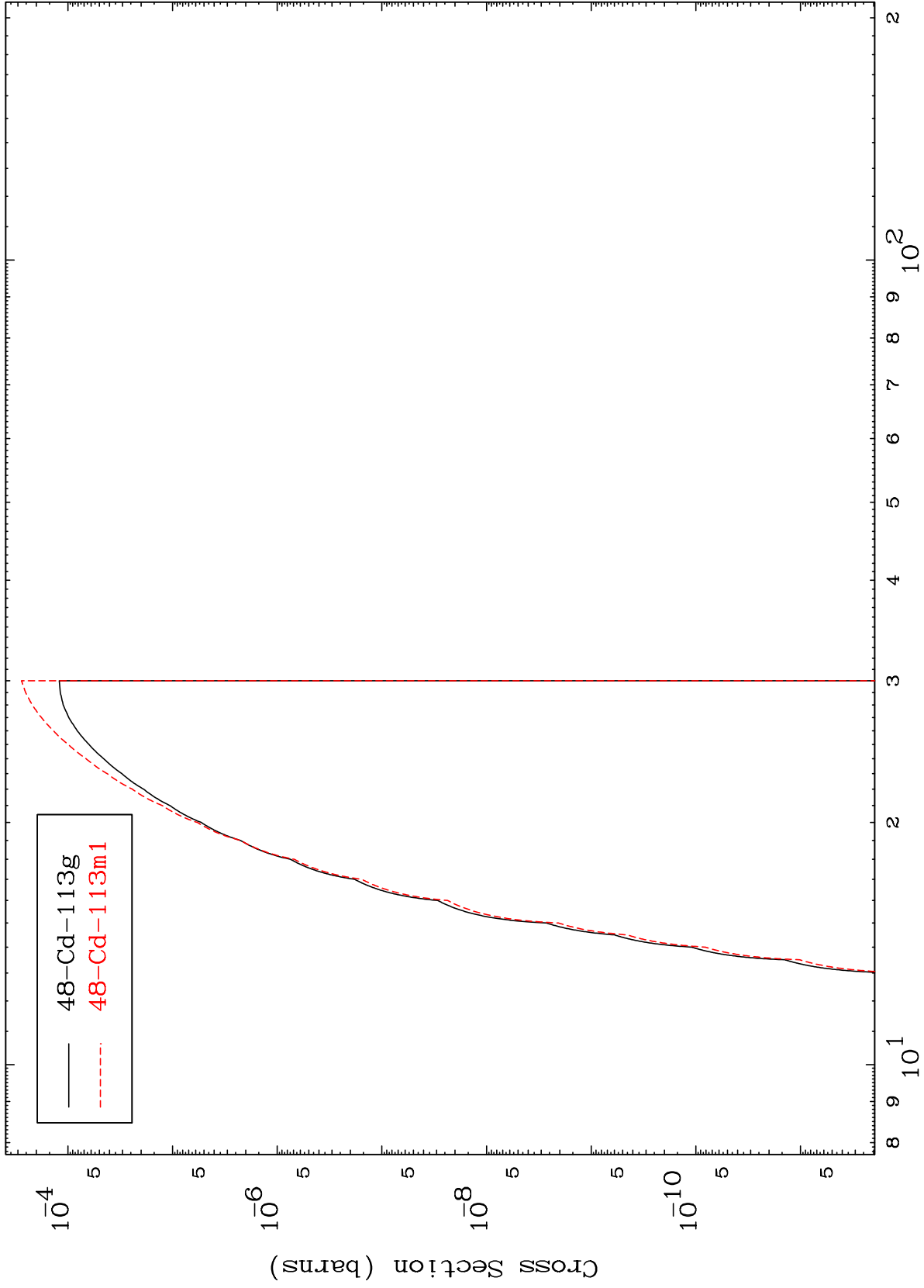


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MAT 5031

50-Sn-114

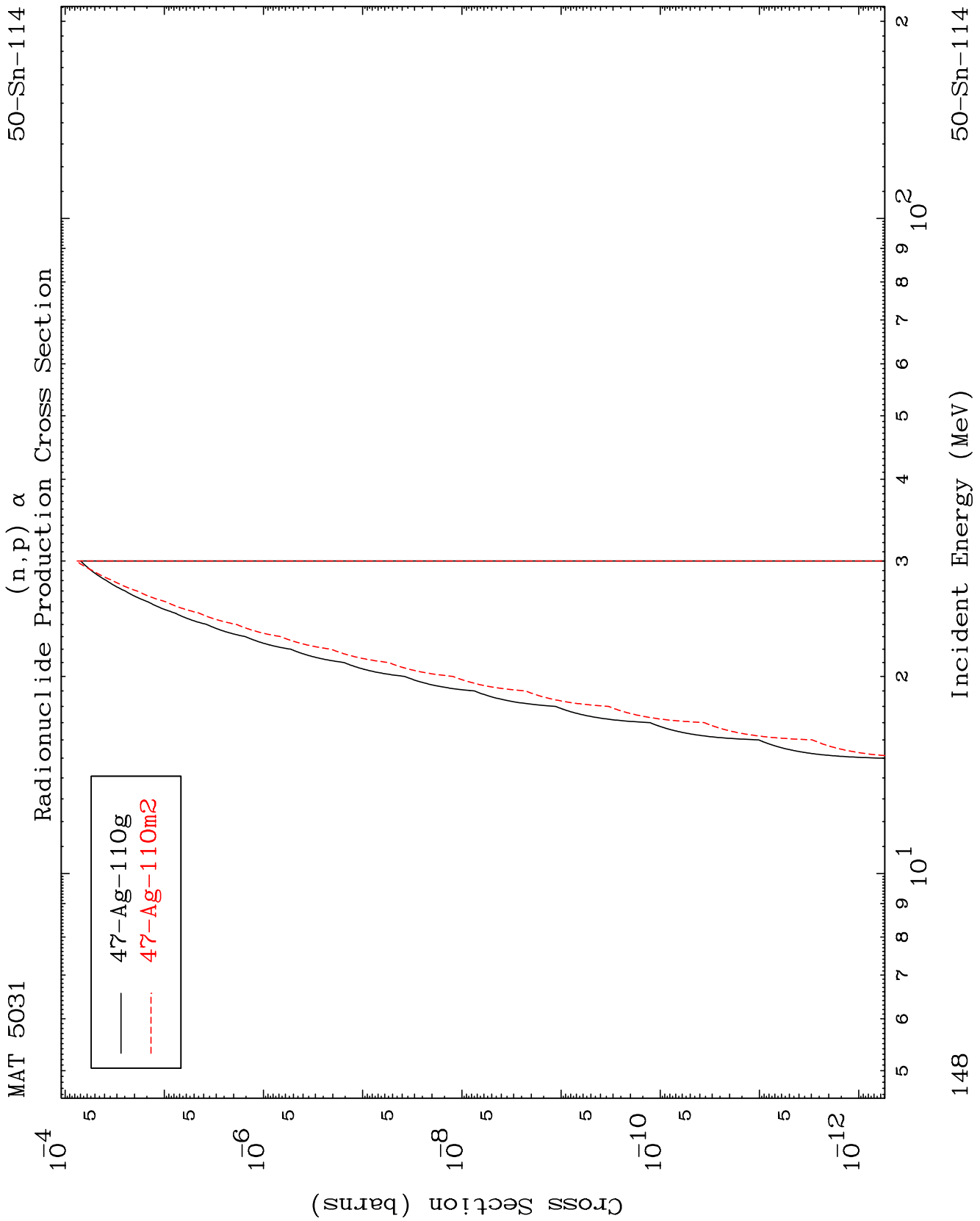
(n,2p)
Radionuclide Production Cross Section



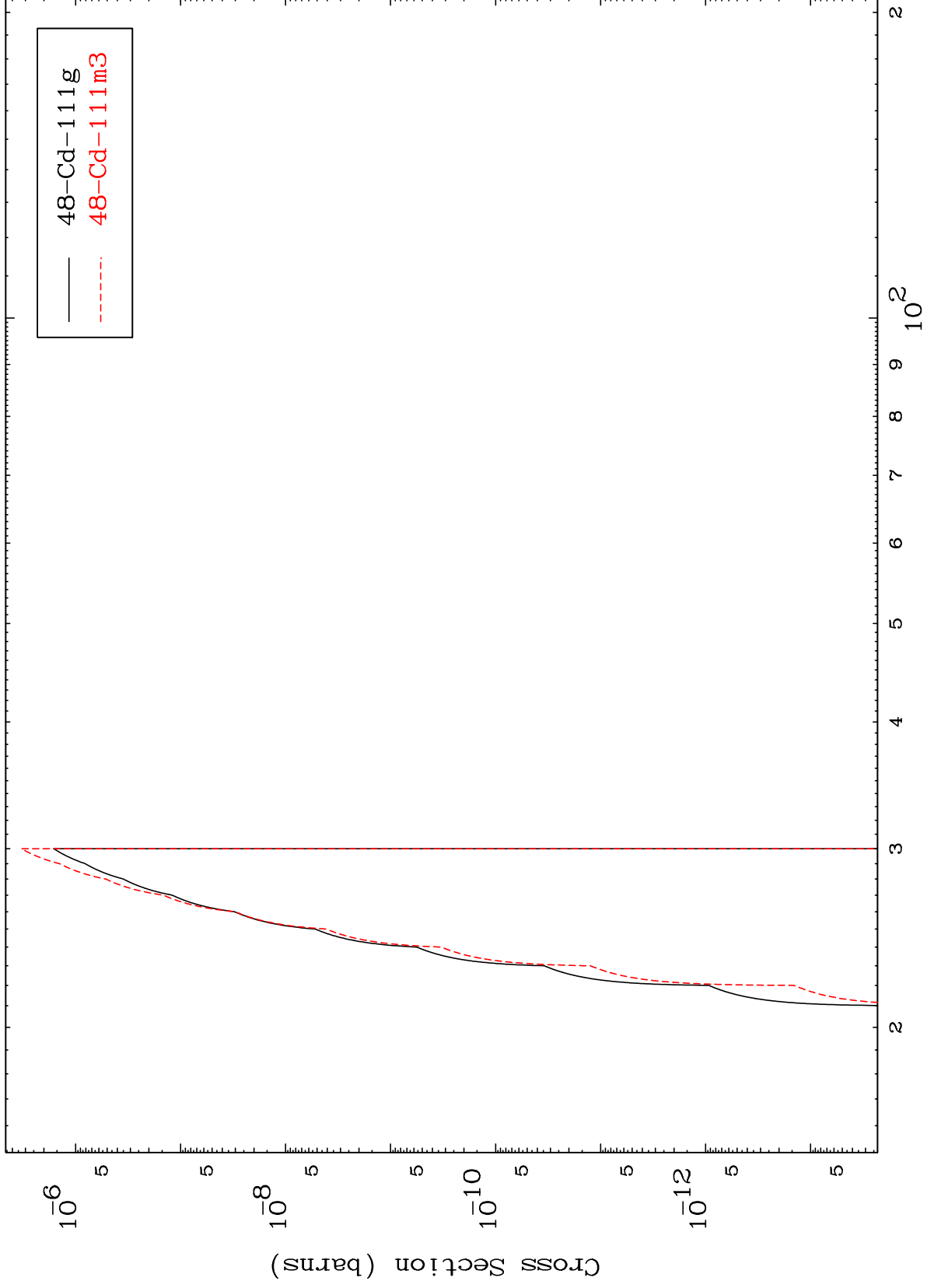
147

Incident Energy (MeV)

50-Sn-114



Radionuclide Production Cross Section

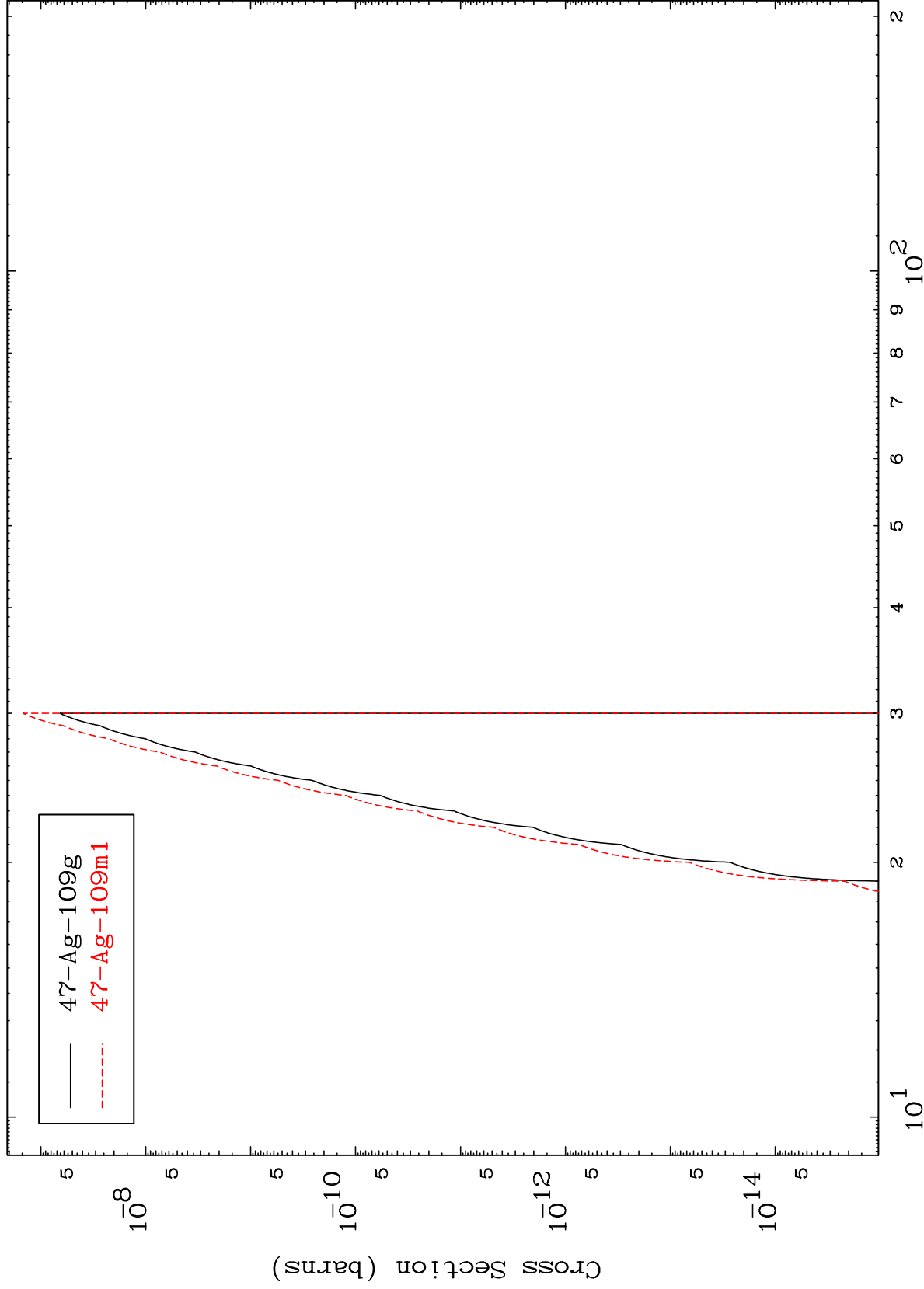


MAT 5031

(n,d) α

50-Sn-114

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-114