

Program EVALPLOT
(Version 2021-1)

by

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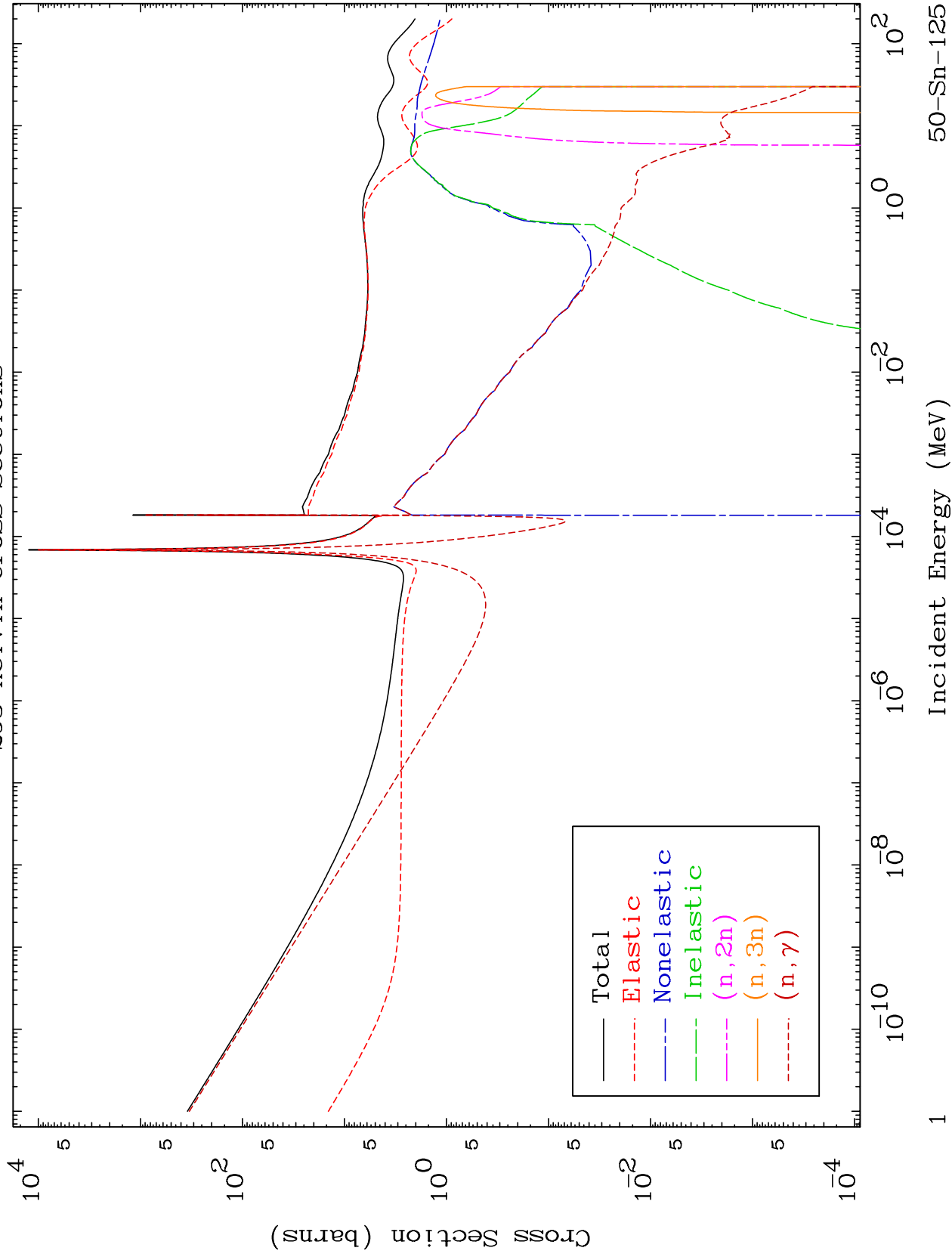
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Press Mouse Button to Start

MAT 5064

Neutron Major
293 Kelvin Cross Sections

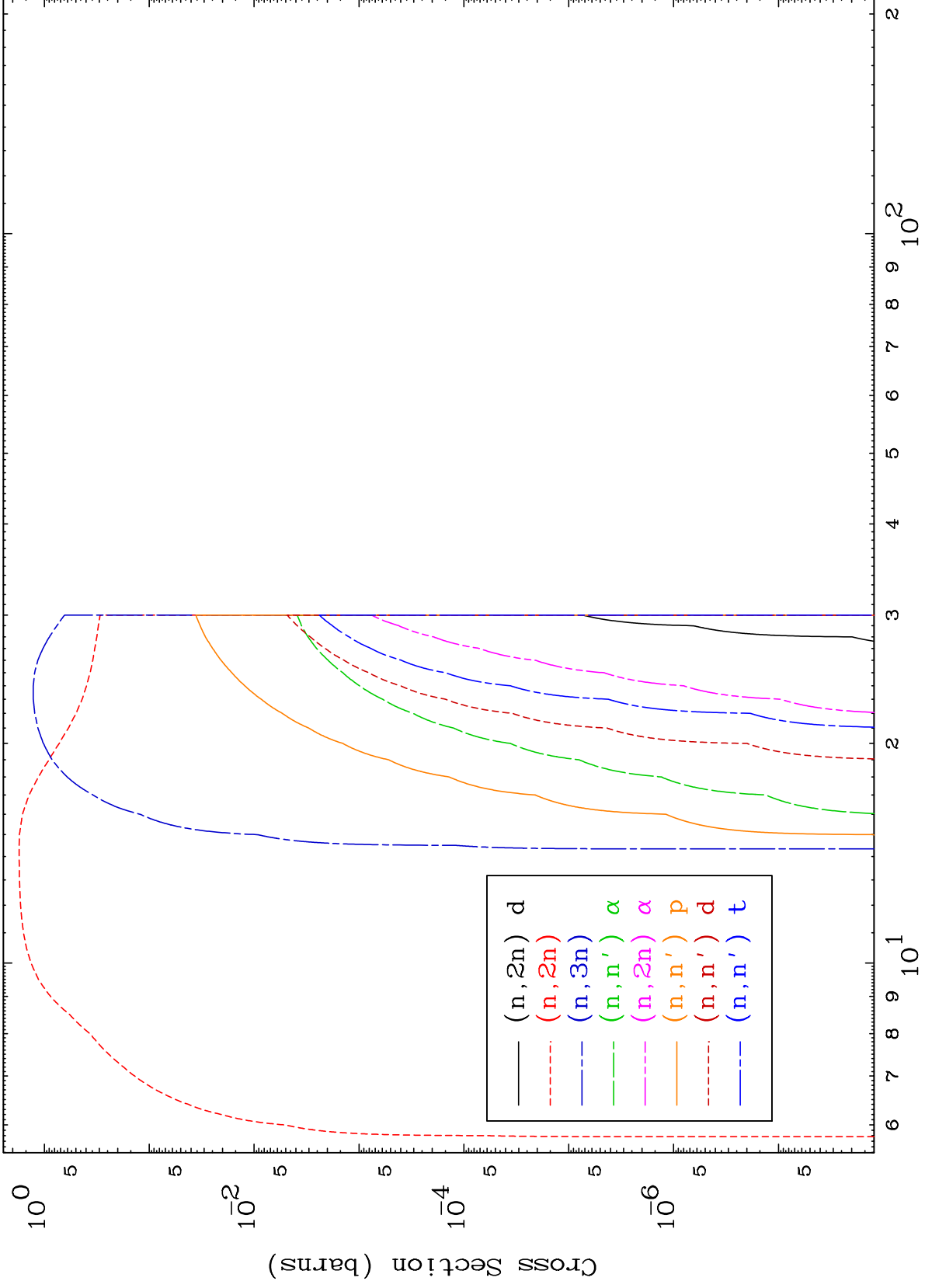
50-Sn-125



MAT 5064

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-125



2

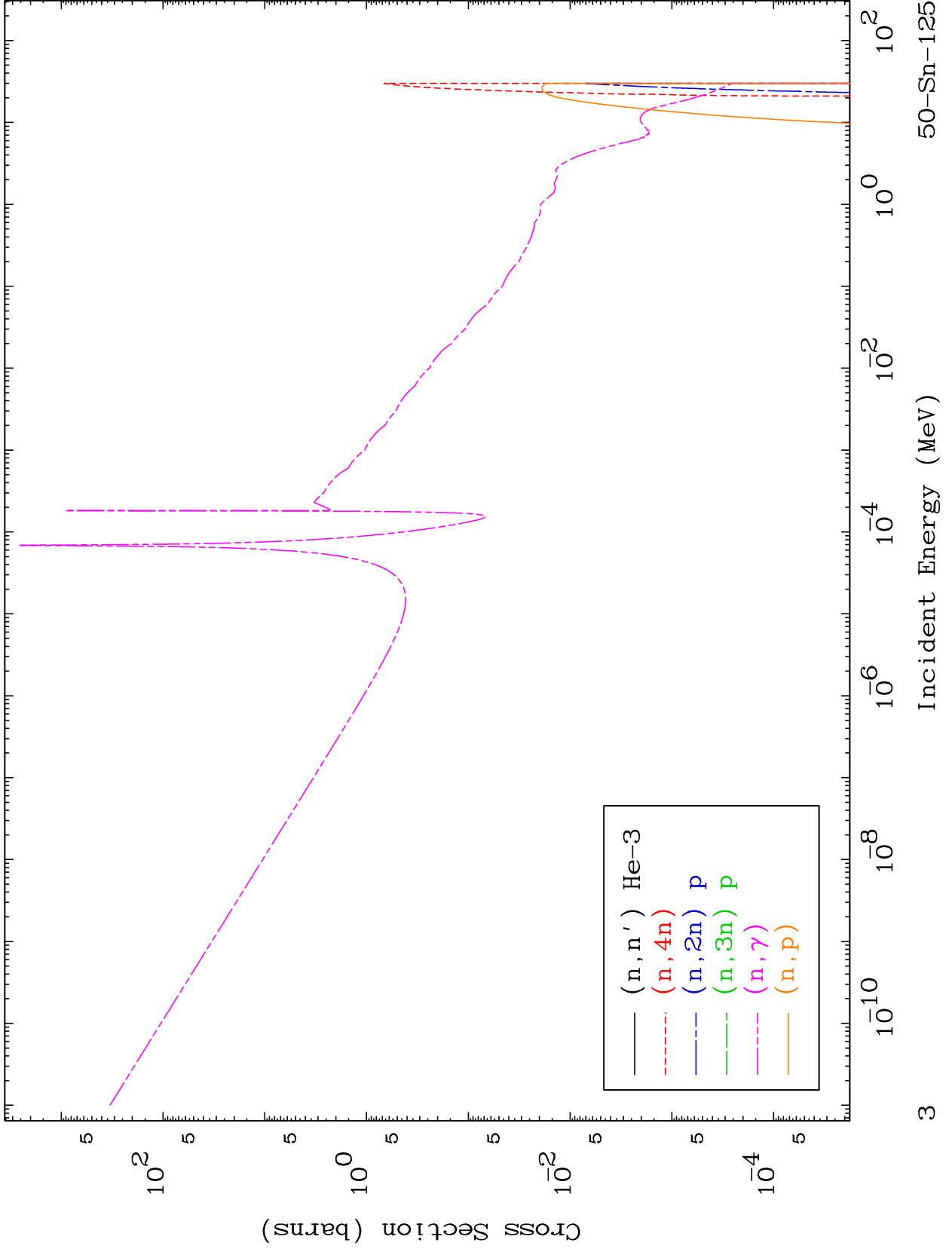
Incident Energy (MeV)

50-Sn-125

MAT 5064

Neutron Absorption
293 Kelvin Cross Sections

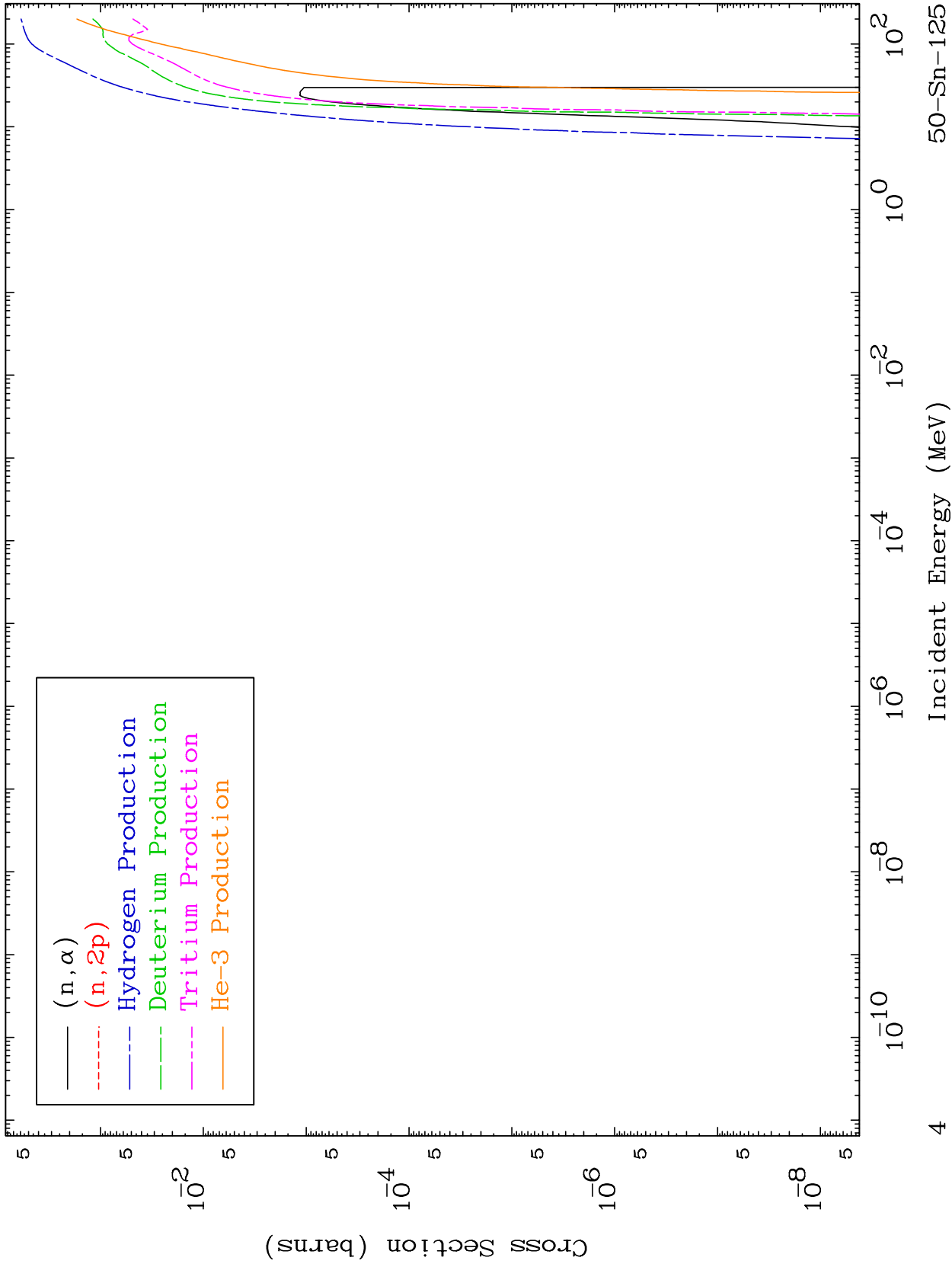
50-Sn-125



MAT 5064

Neutron Absorption
293 Kelvin Cross Sections

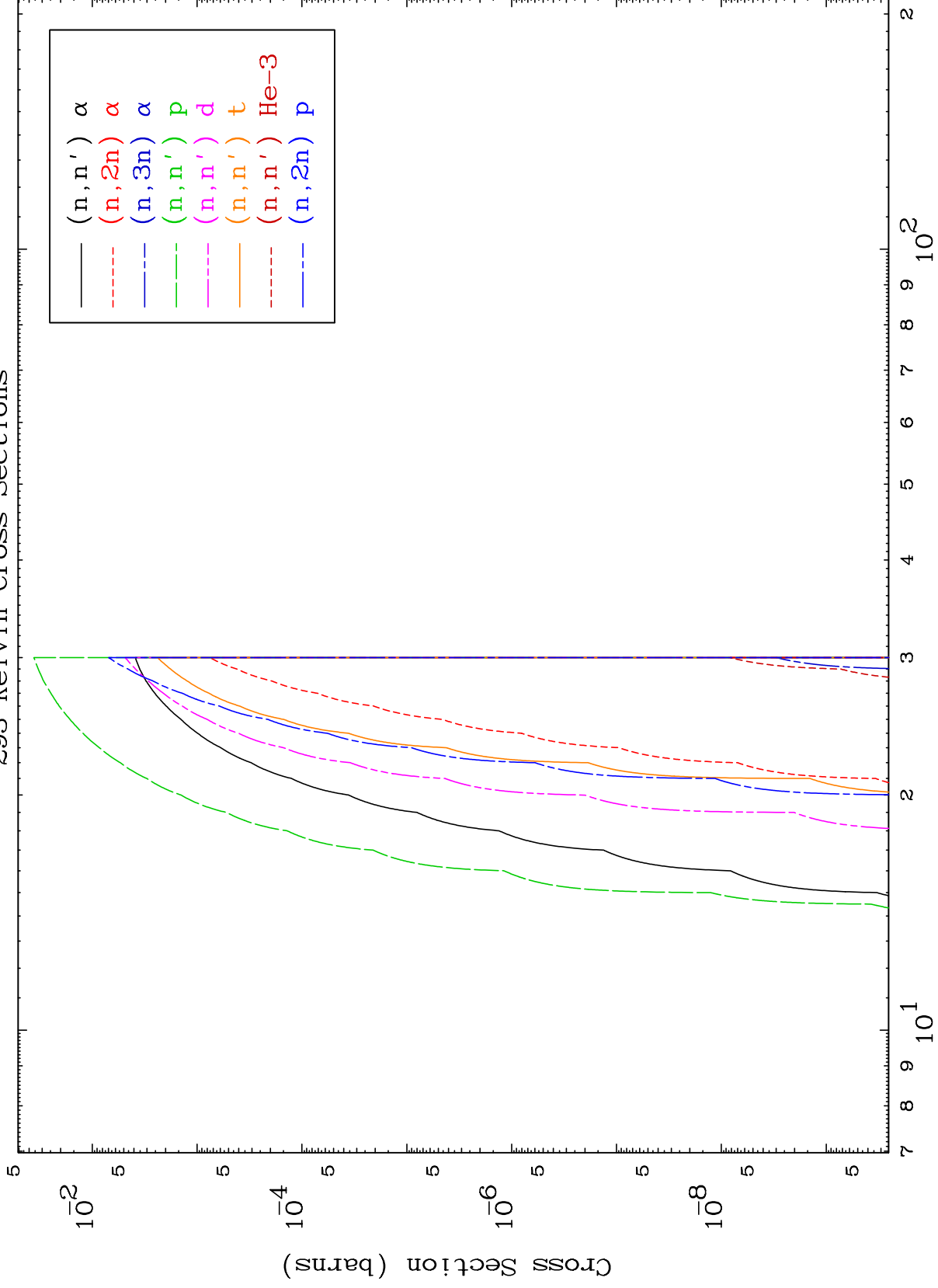
50-Sn-125



MAT 5064

Charged Particle
293 Kelvin Cross Sections

50-Sn-125



5

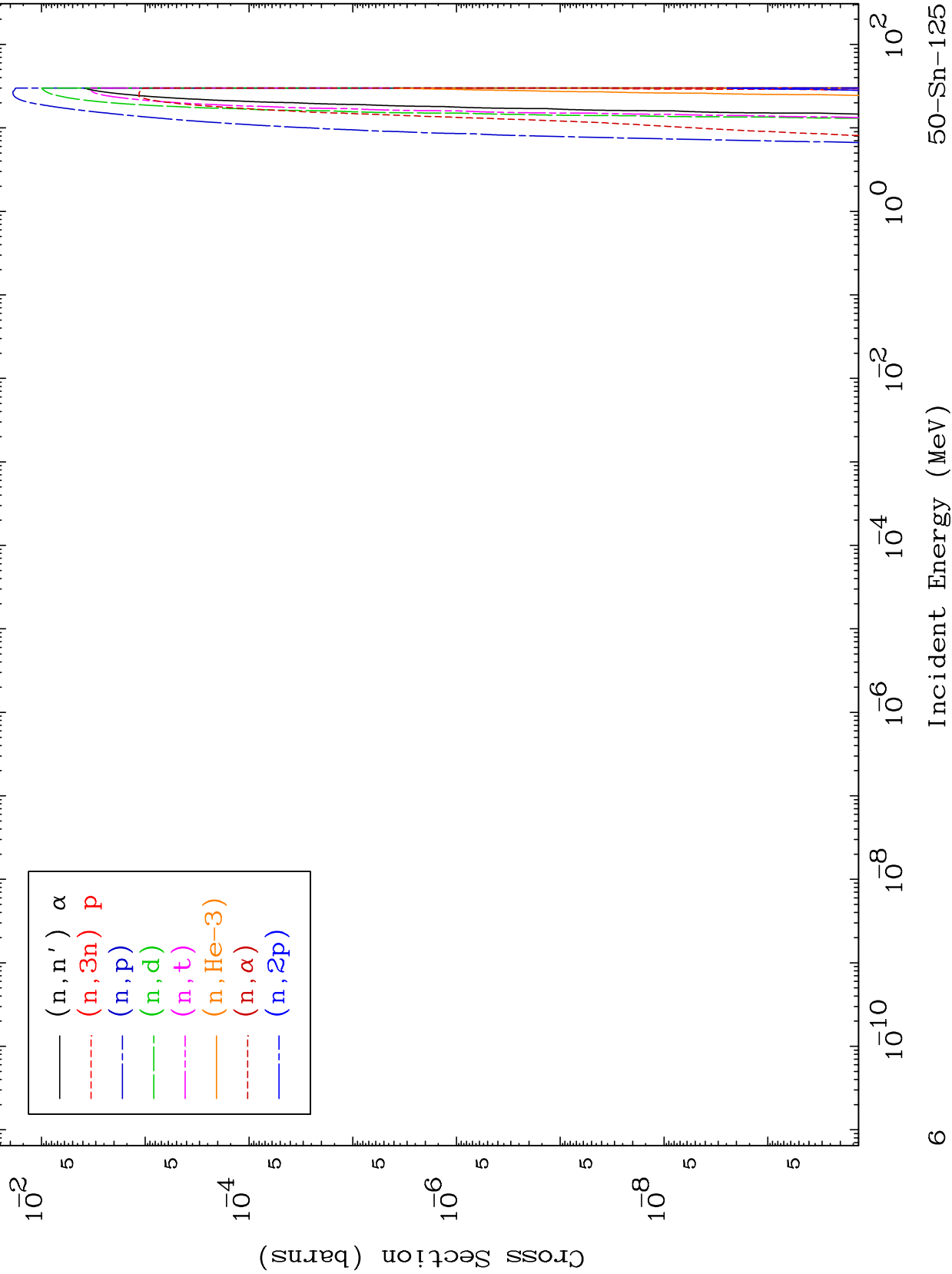
Incident Energy (MeV)

50-Sn-125

MAT 5064

Charged Particle
293 Kelvin Cross Sections

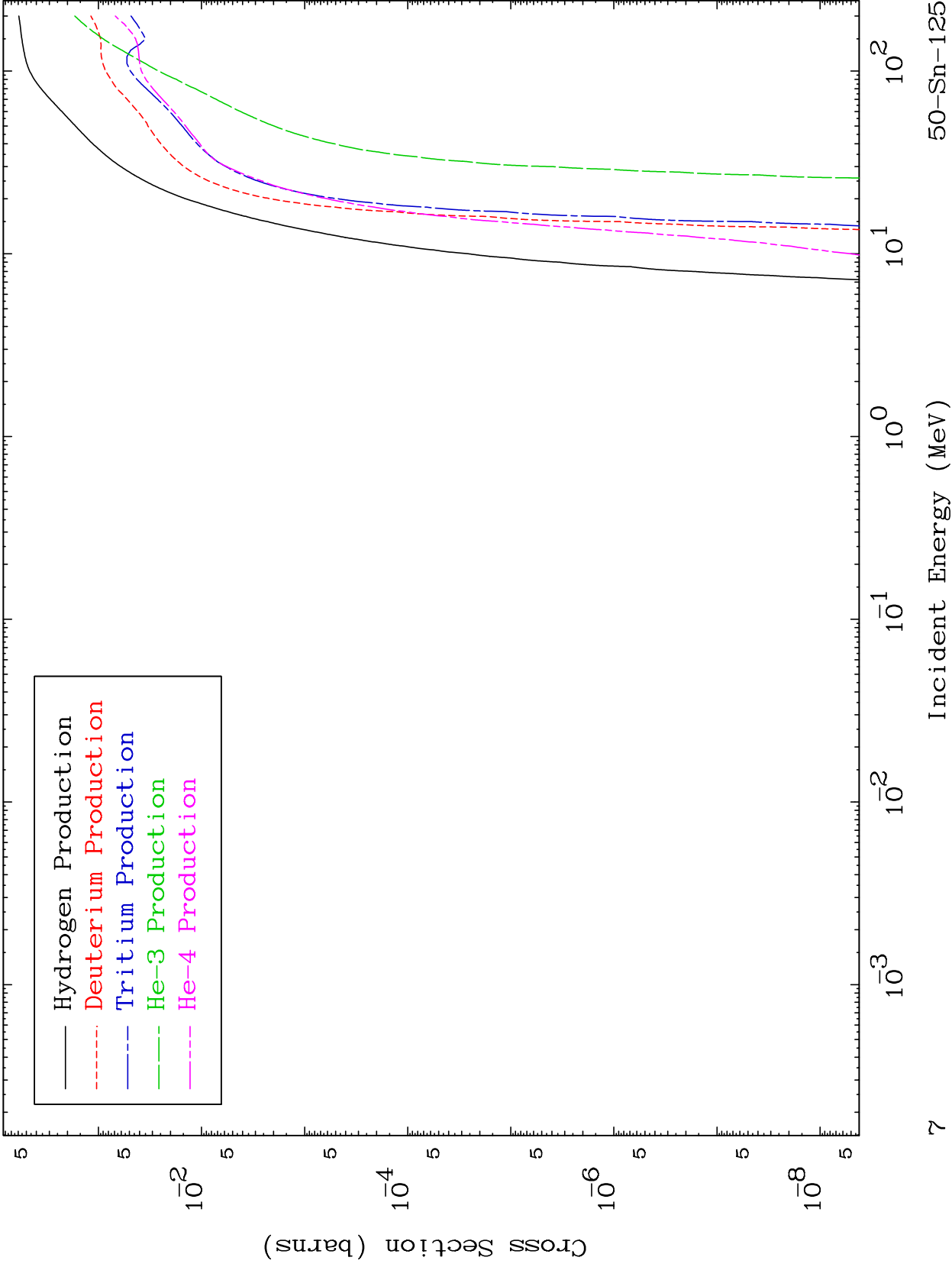
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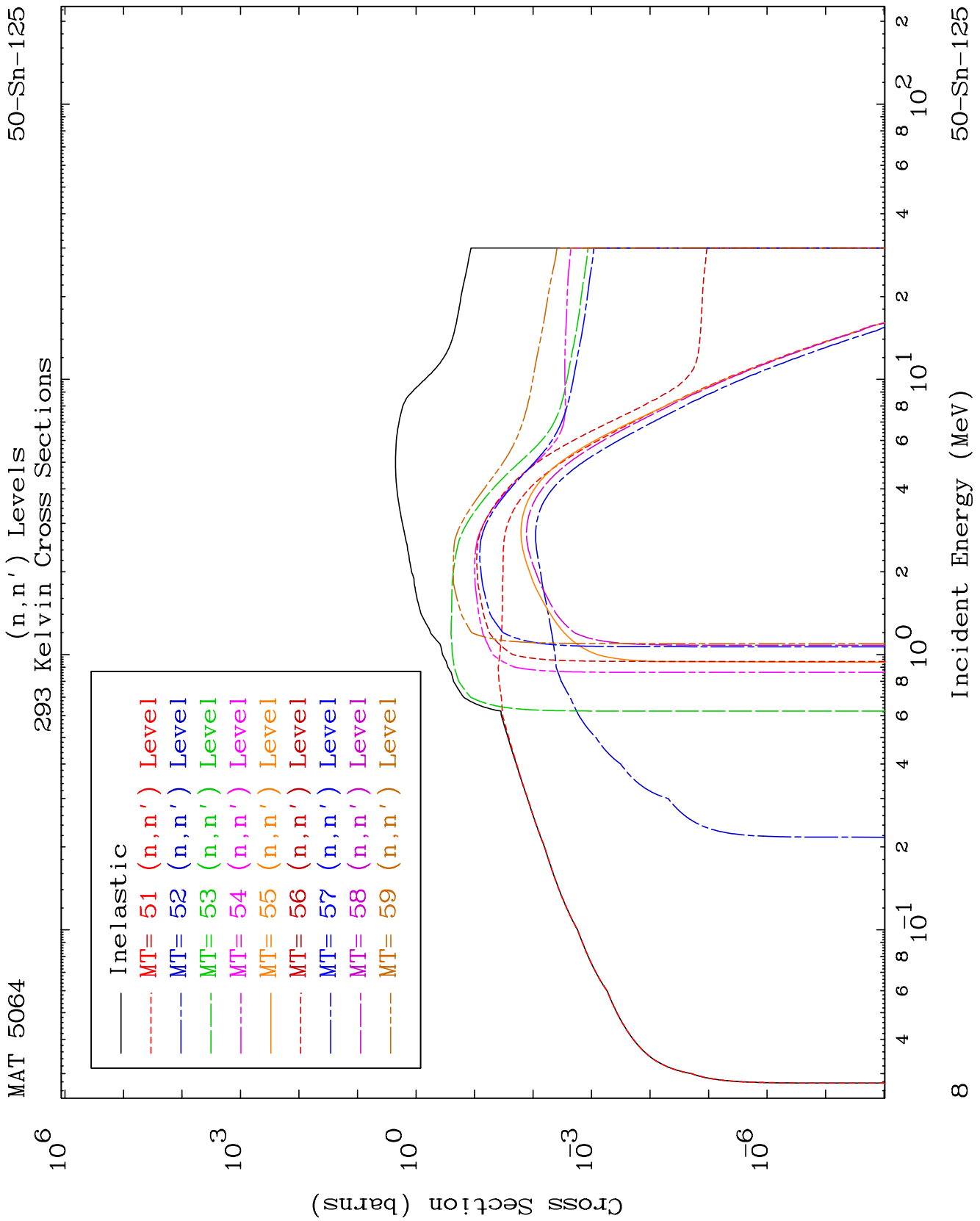


MAT 5064

Particle Production
293 Kelvin Cross Sections

50-Sn-125

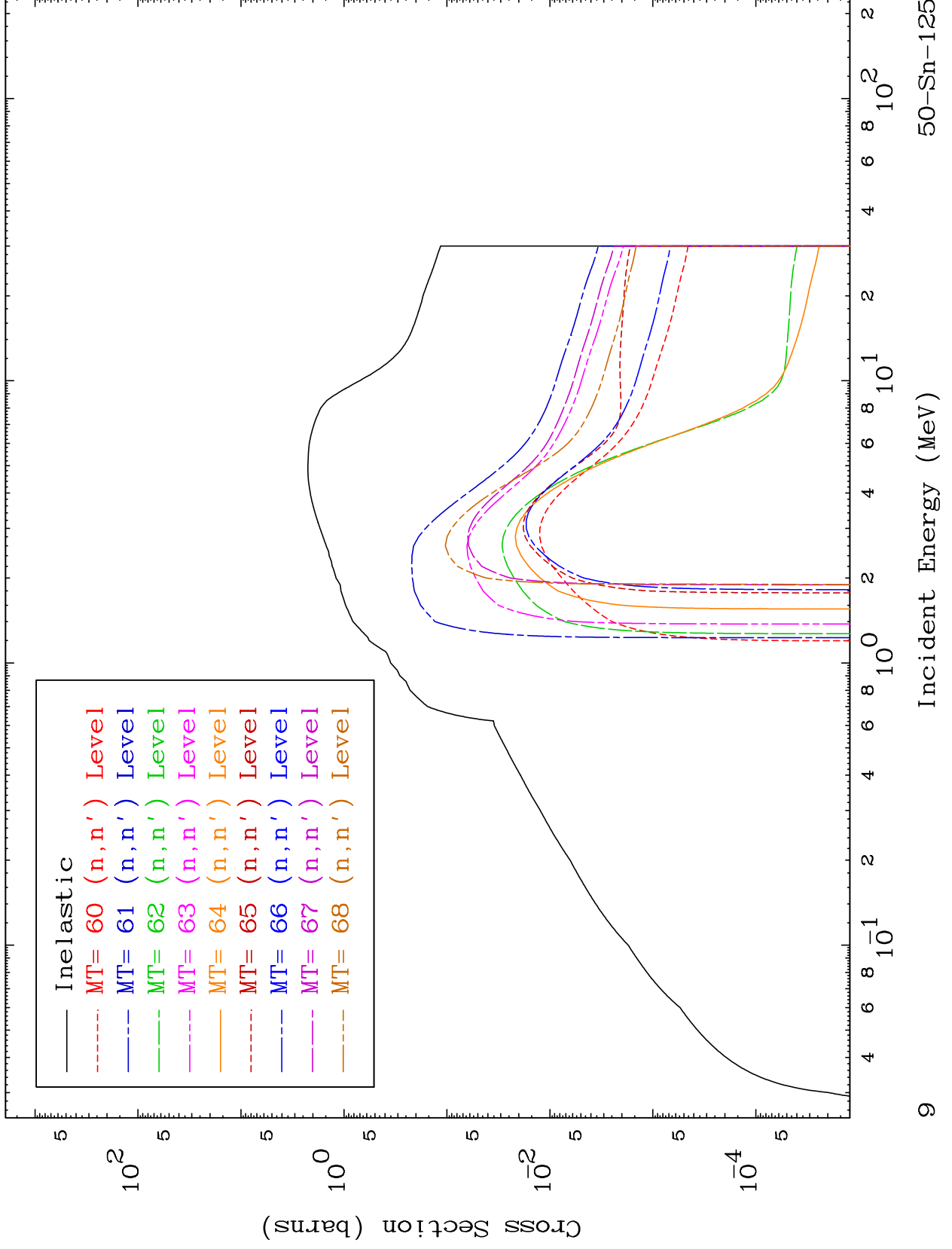




MAT 5064

(n,n') Levels
293 Kelvin Cross Sections

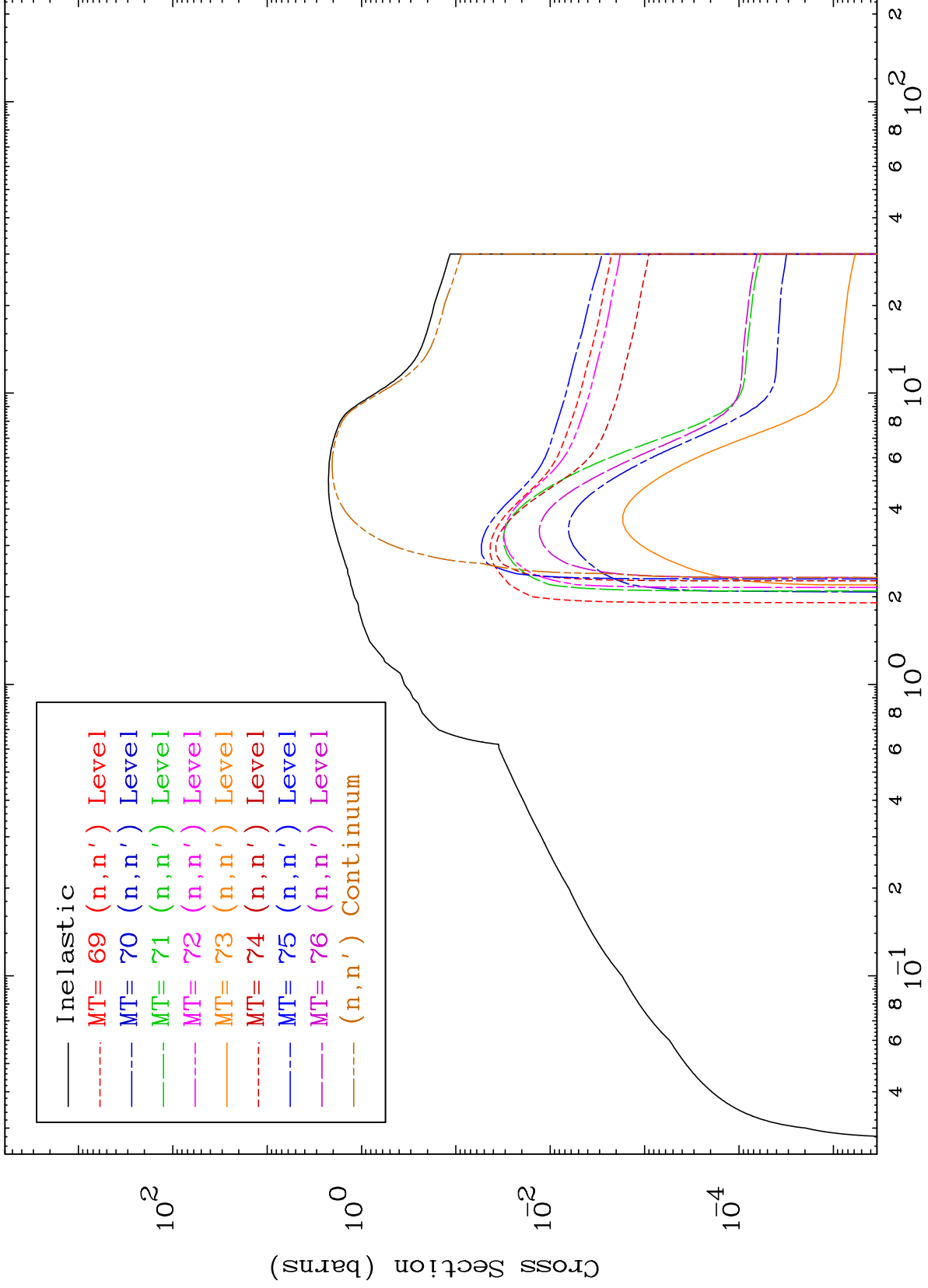
50-Sn-125



MAT 5064

(n,n') Levels
293 Kelvin Cross Sections

50-Sn-125



10

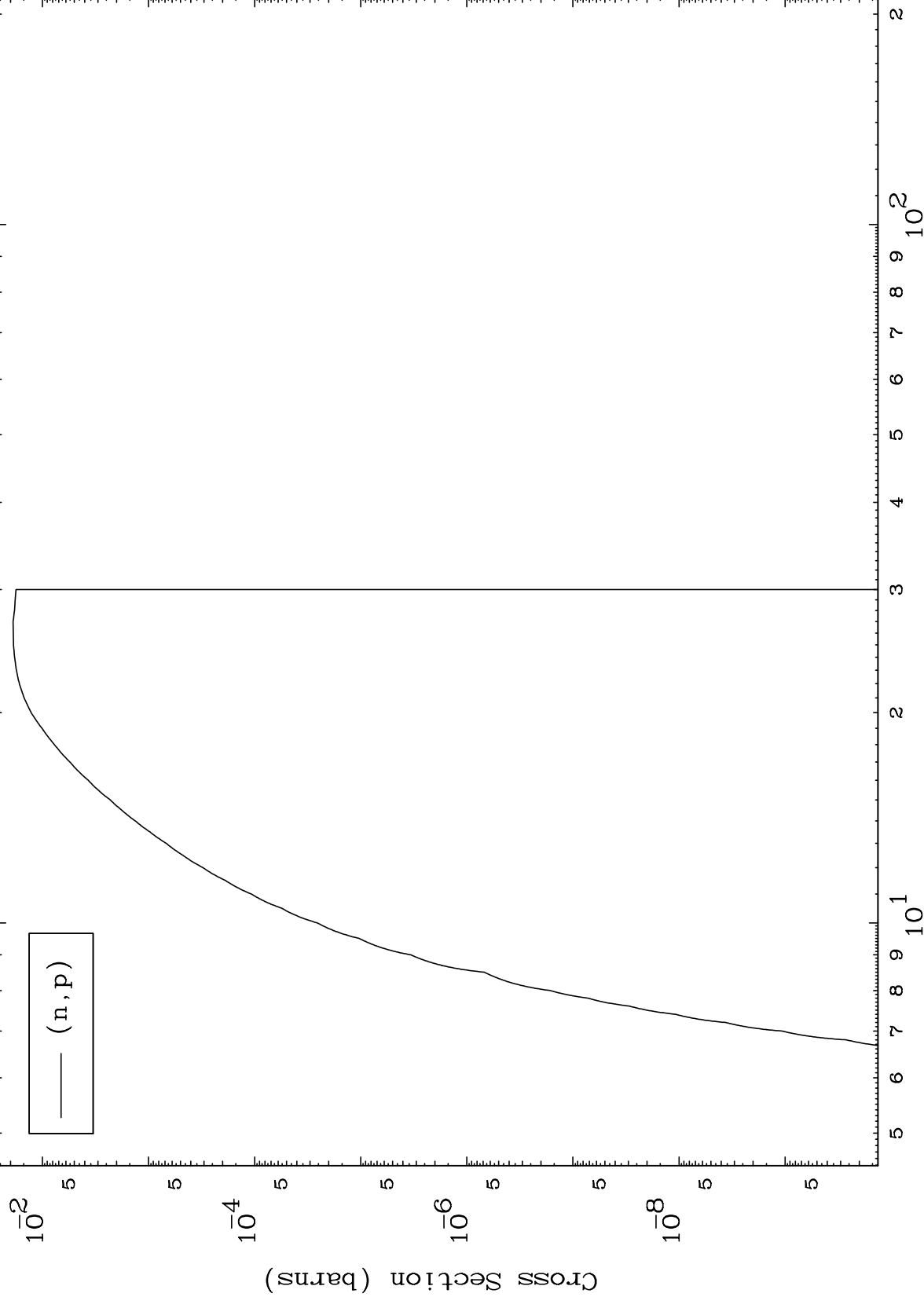
Incident Energy (MeV)

50-Sn-125

MAT 5064

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-125



11

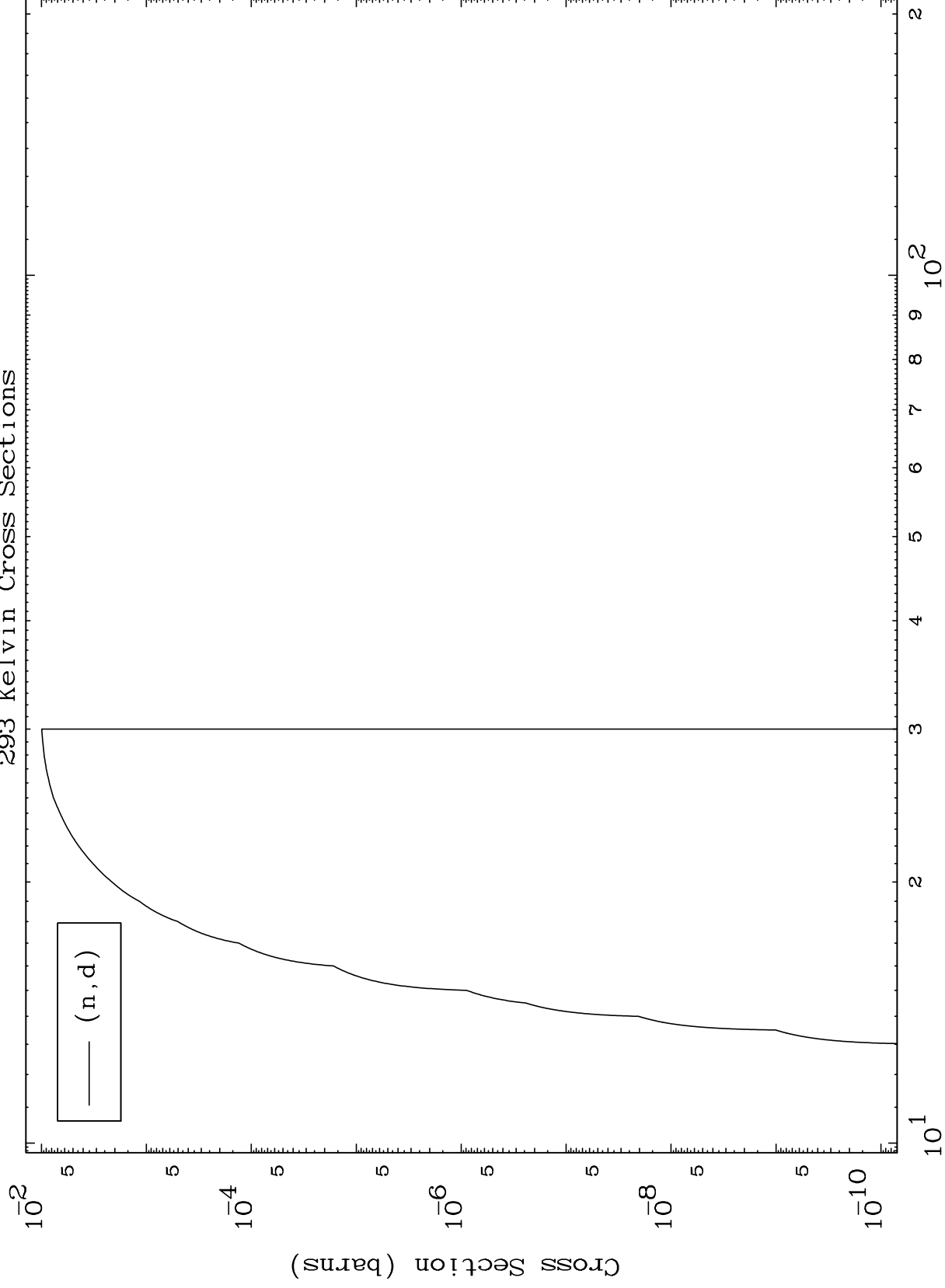
Incident Energy (MeV)

50-Sn-125

MAT 5064

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-125



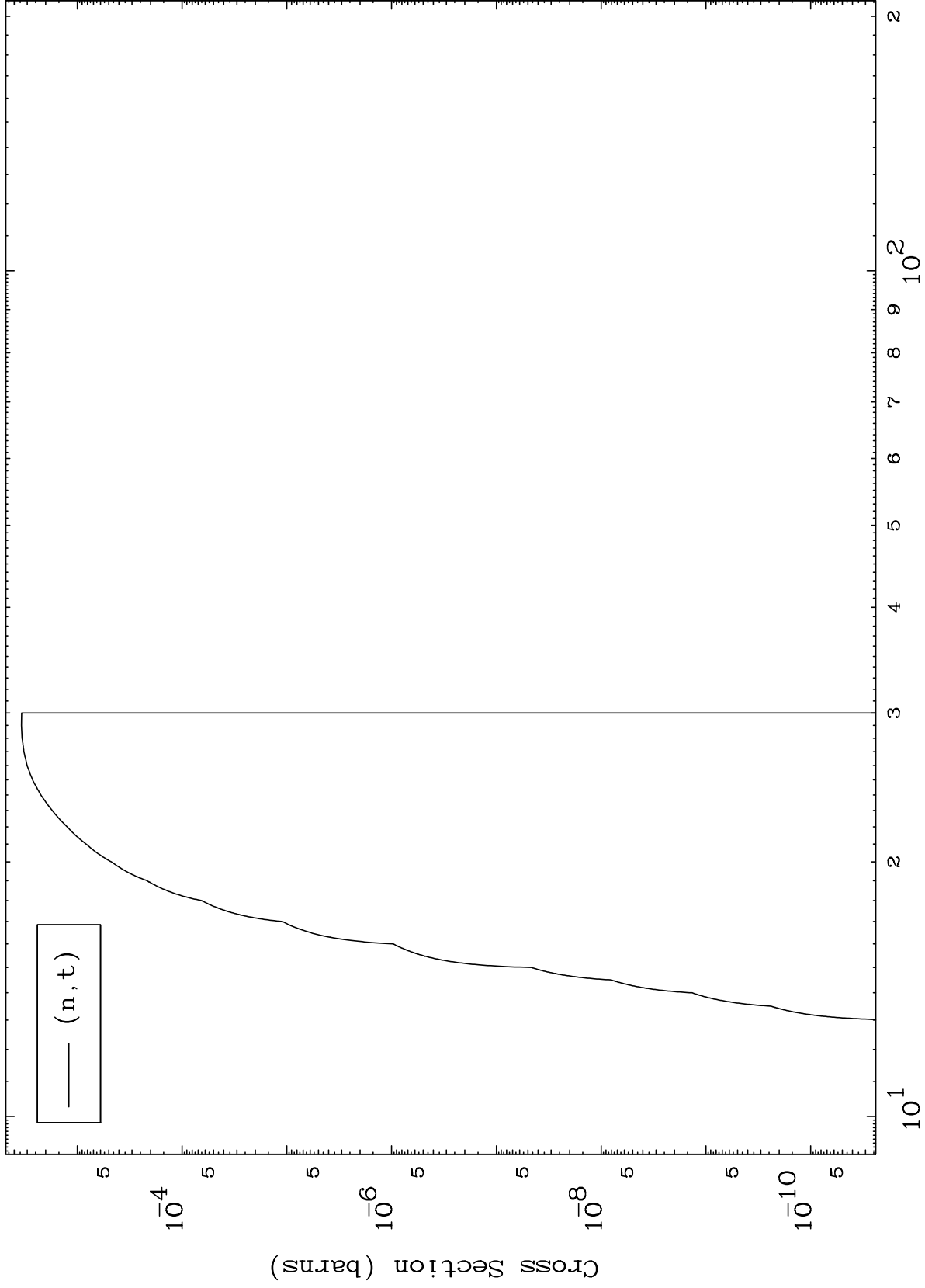
Incident Energy (MeV)

50-Sn-125

MAT 5064

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-125



13

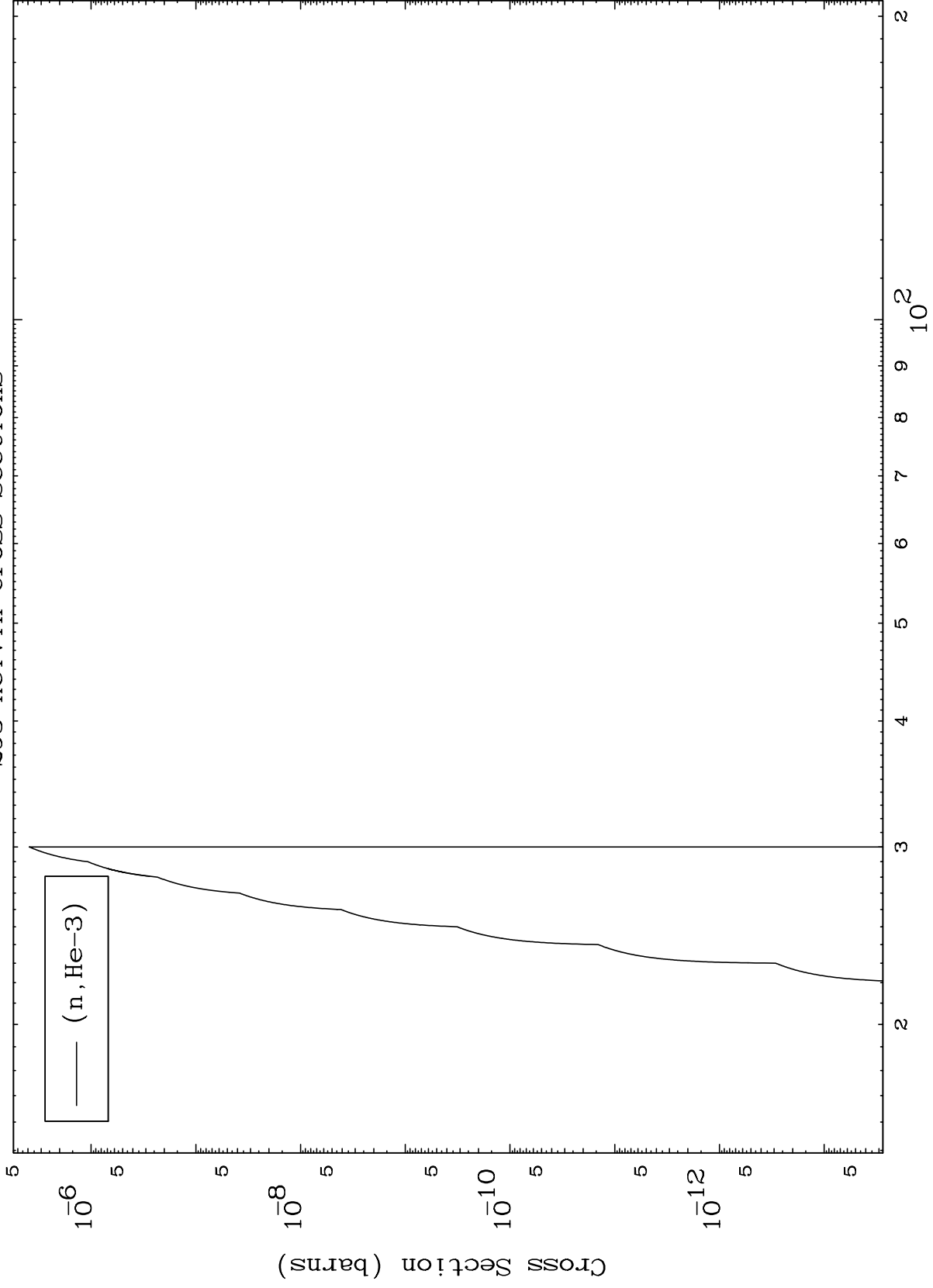
Incident Energy (MeV)

50-Sn-125

MAT 5064

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-125



14

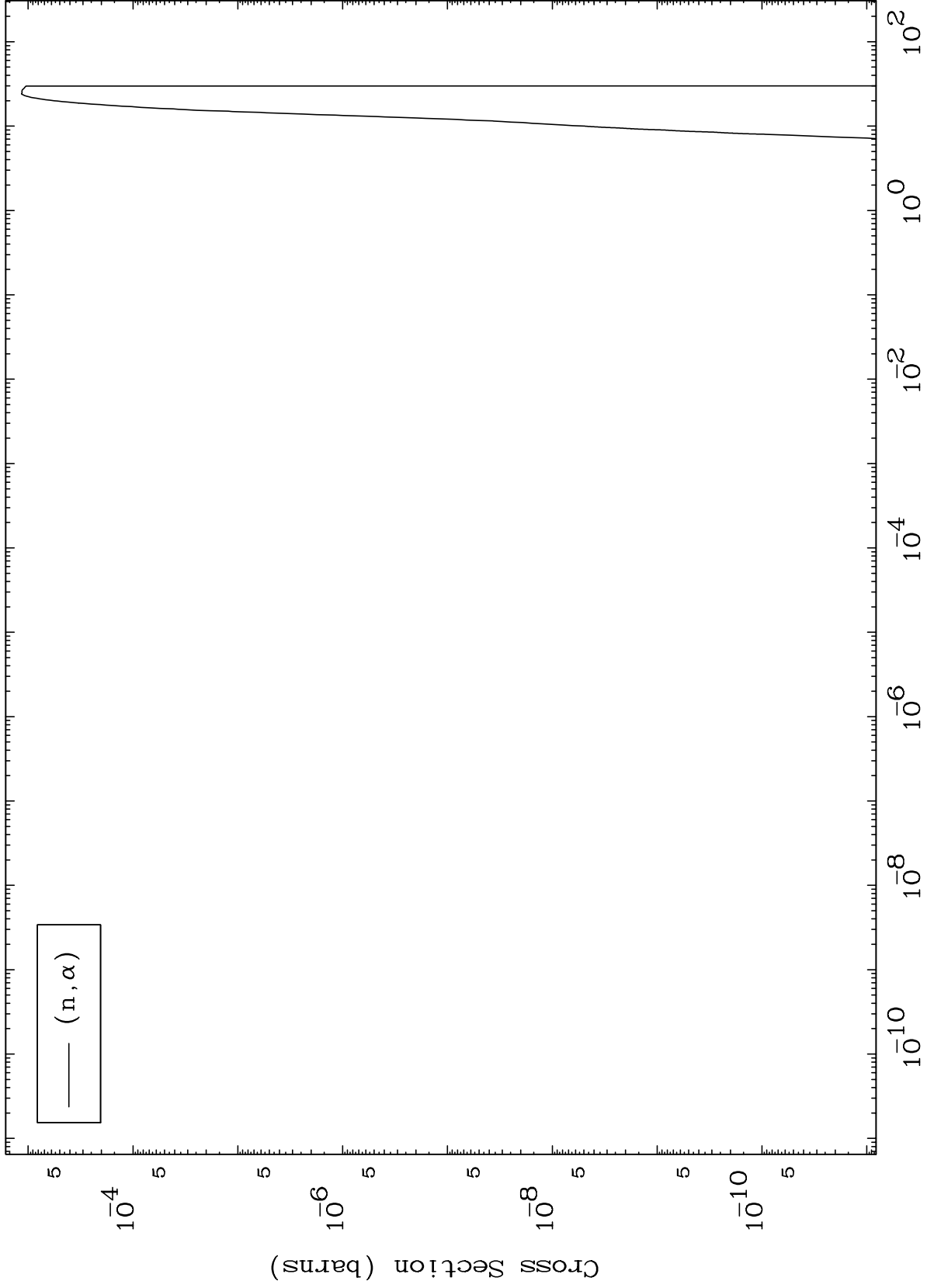
Incident Energy (MeV)

50-Sn-125

MAT 5064

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-125



15

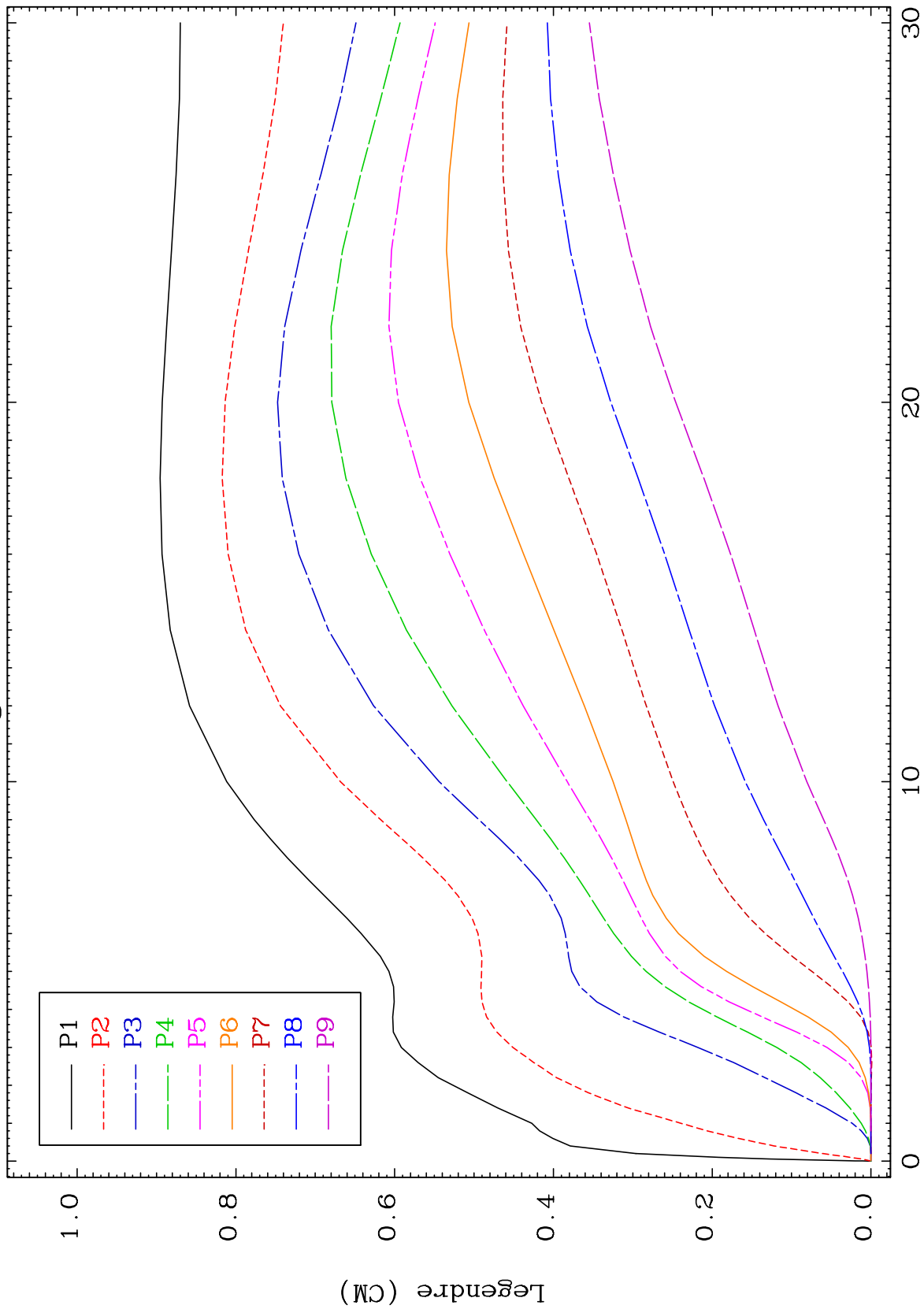
Incident Energy (MeV)

50-Sn-125

MAT 5064

Elastic Legendre Coefficients

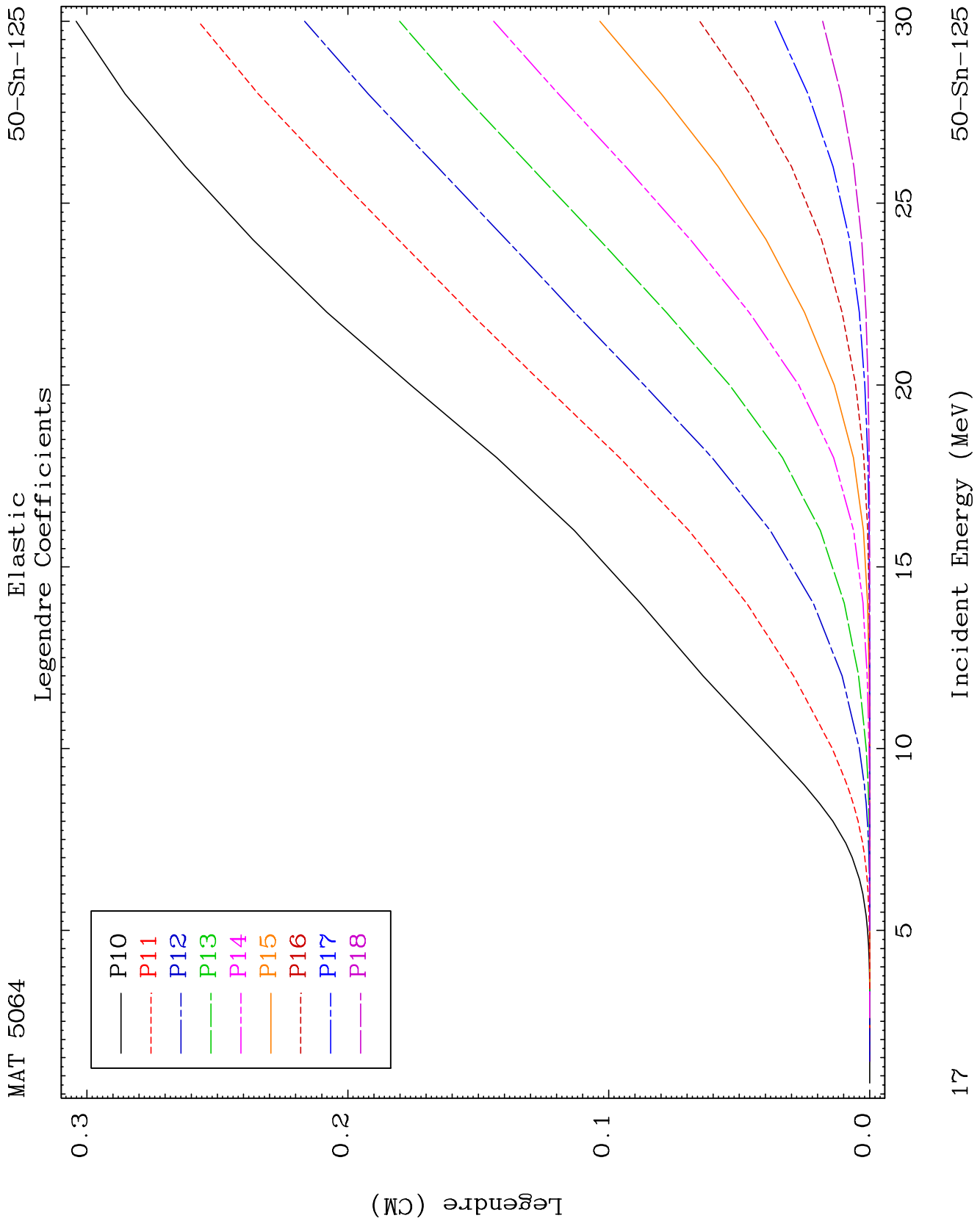
50-Sn-125



16

Incident Energy (MeV)

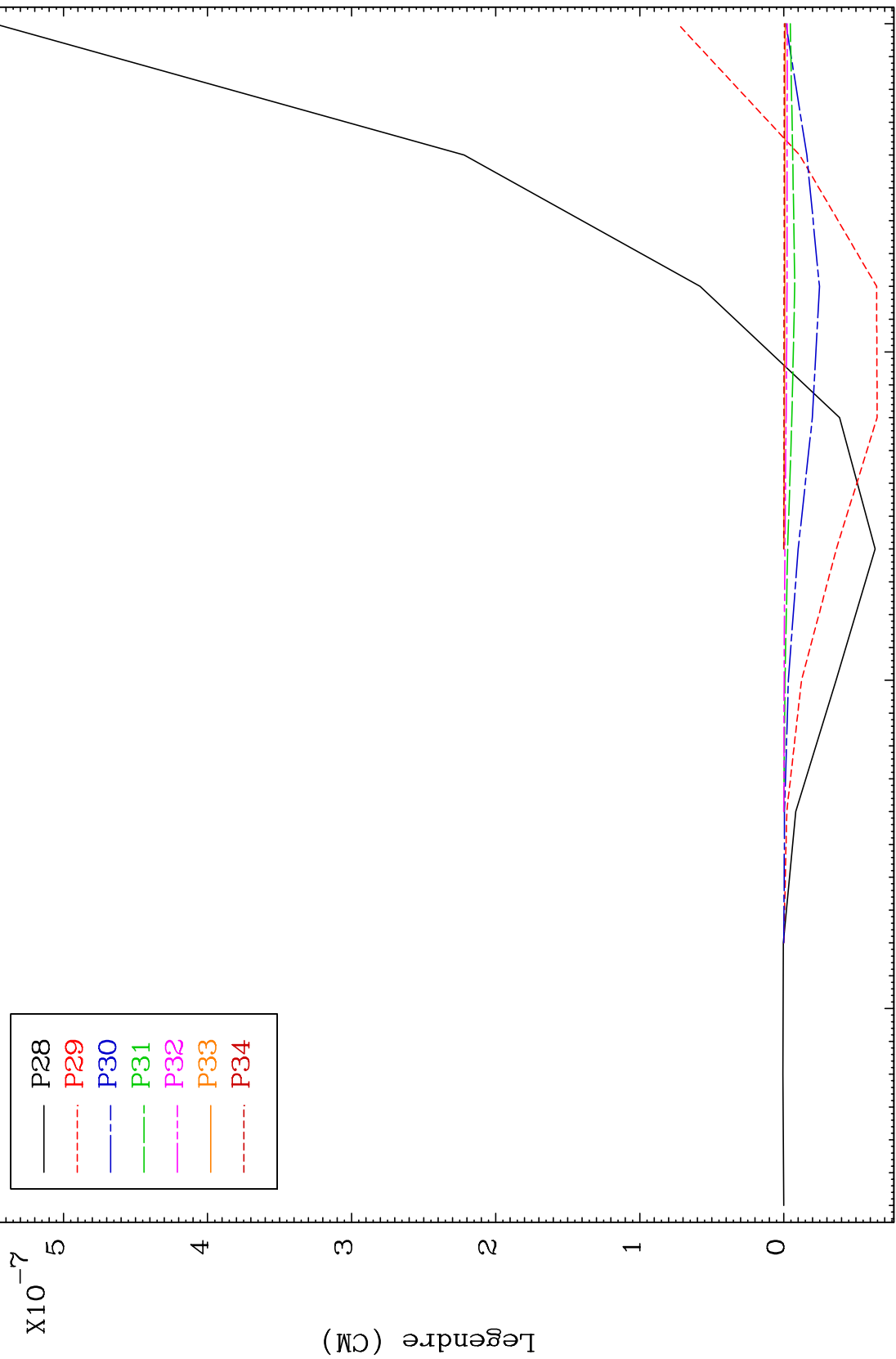
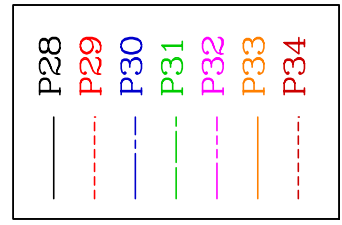
50-Sn-125



MAT 5064

Elastic Legendre Coefficients

50-Sn-125



19

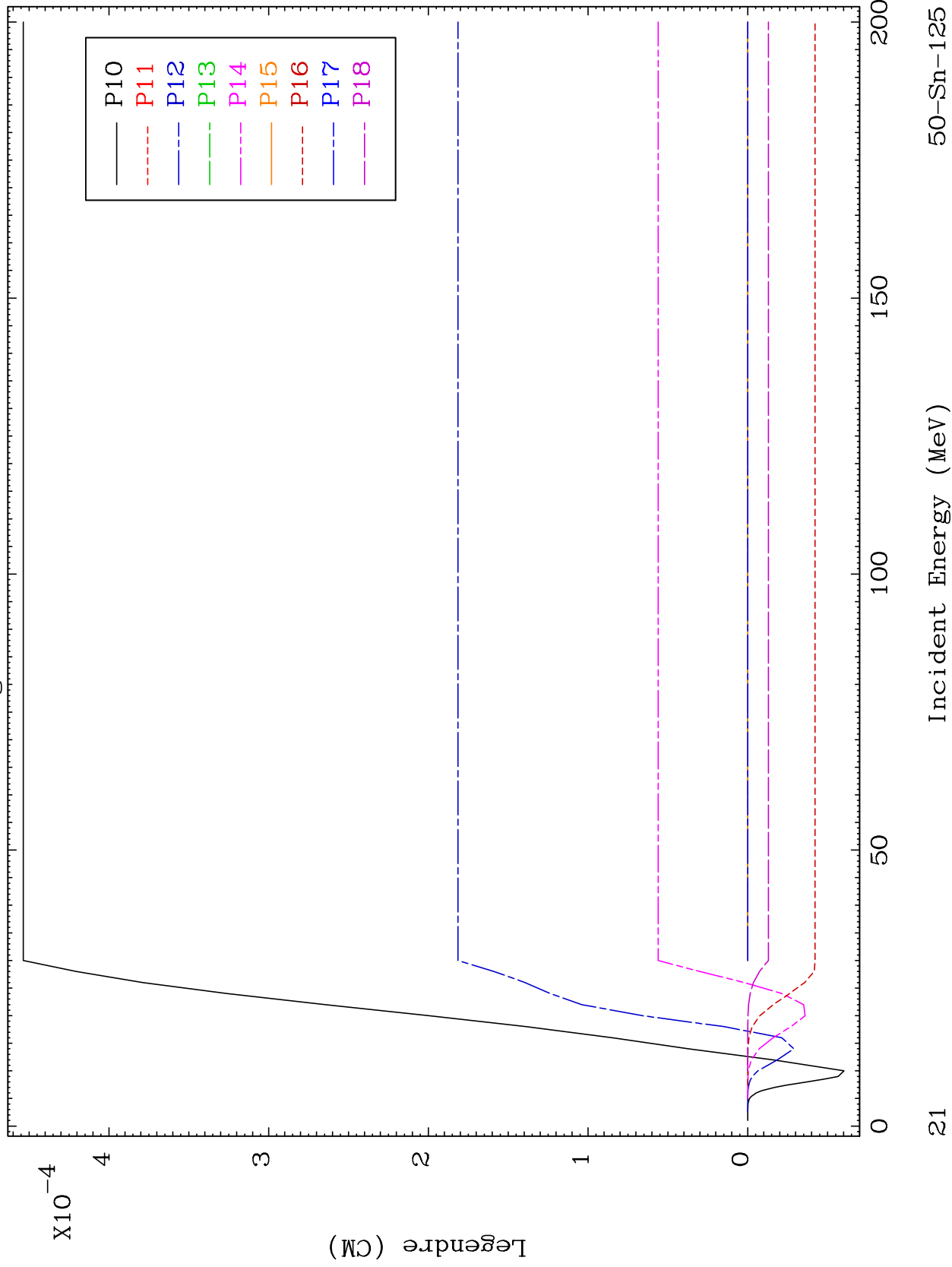
Incident Energy (MeV)

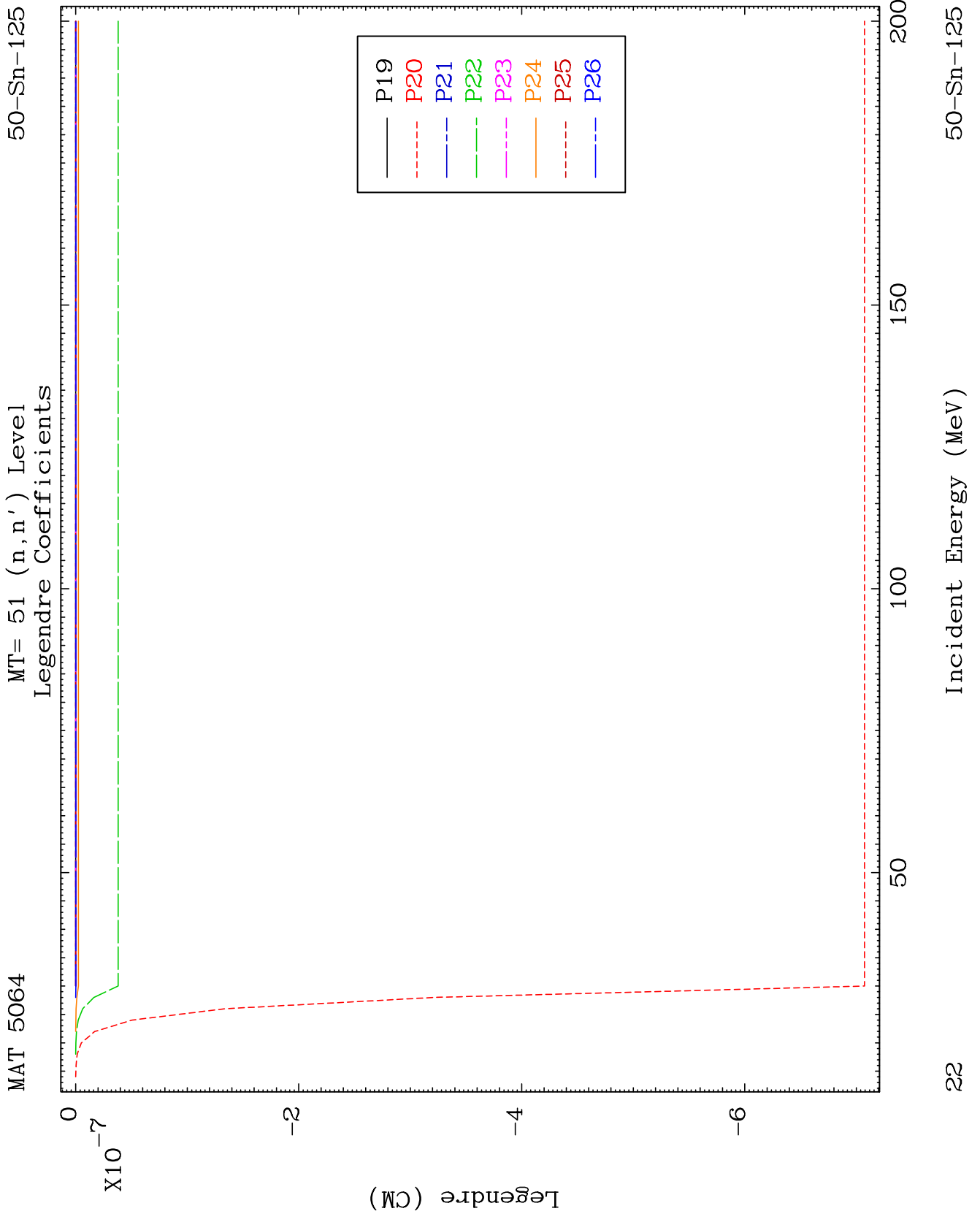
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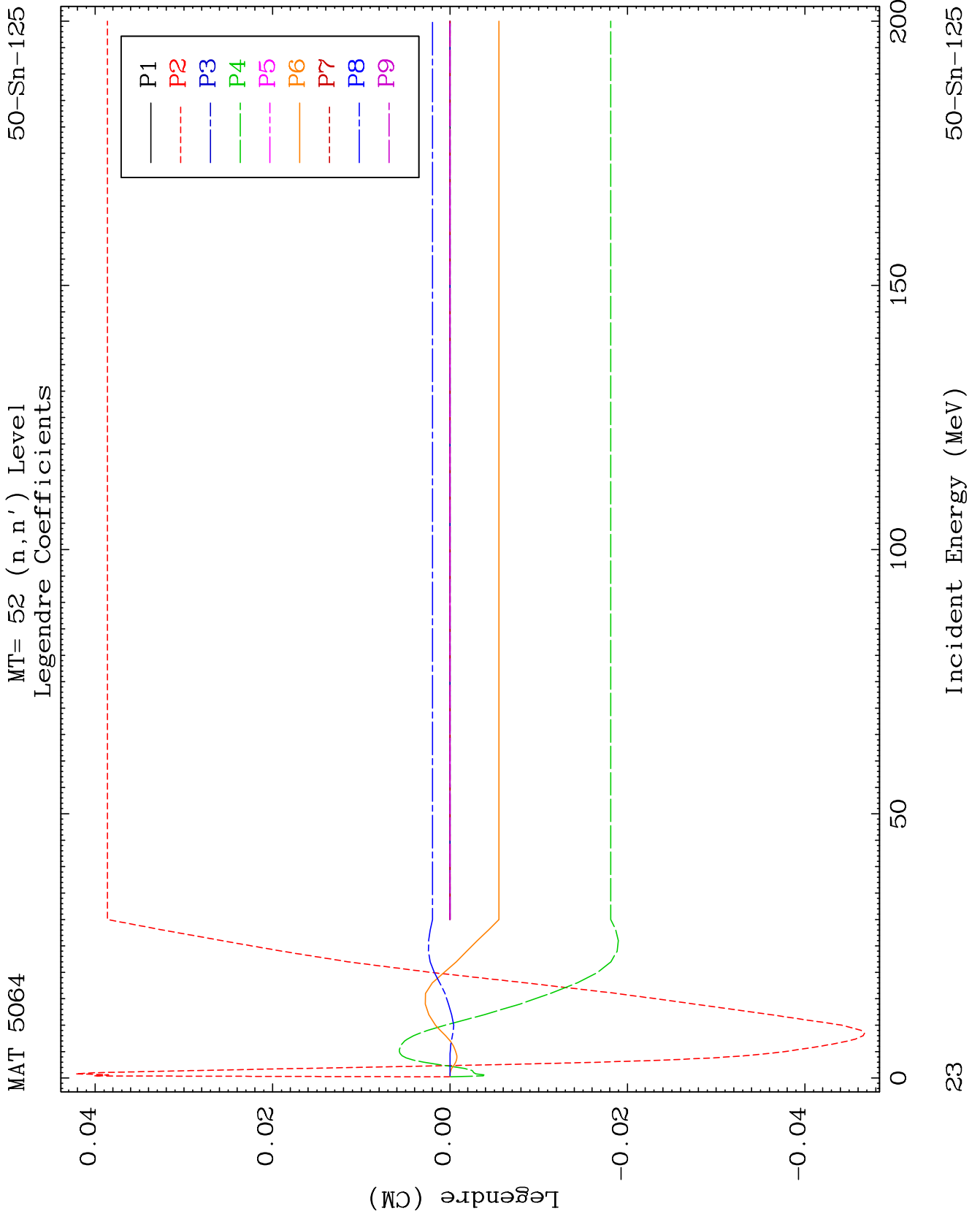
MAT 5064

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

50-Sn-125



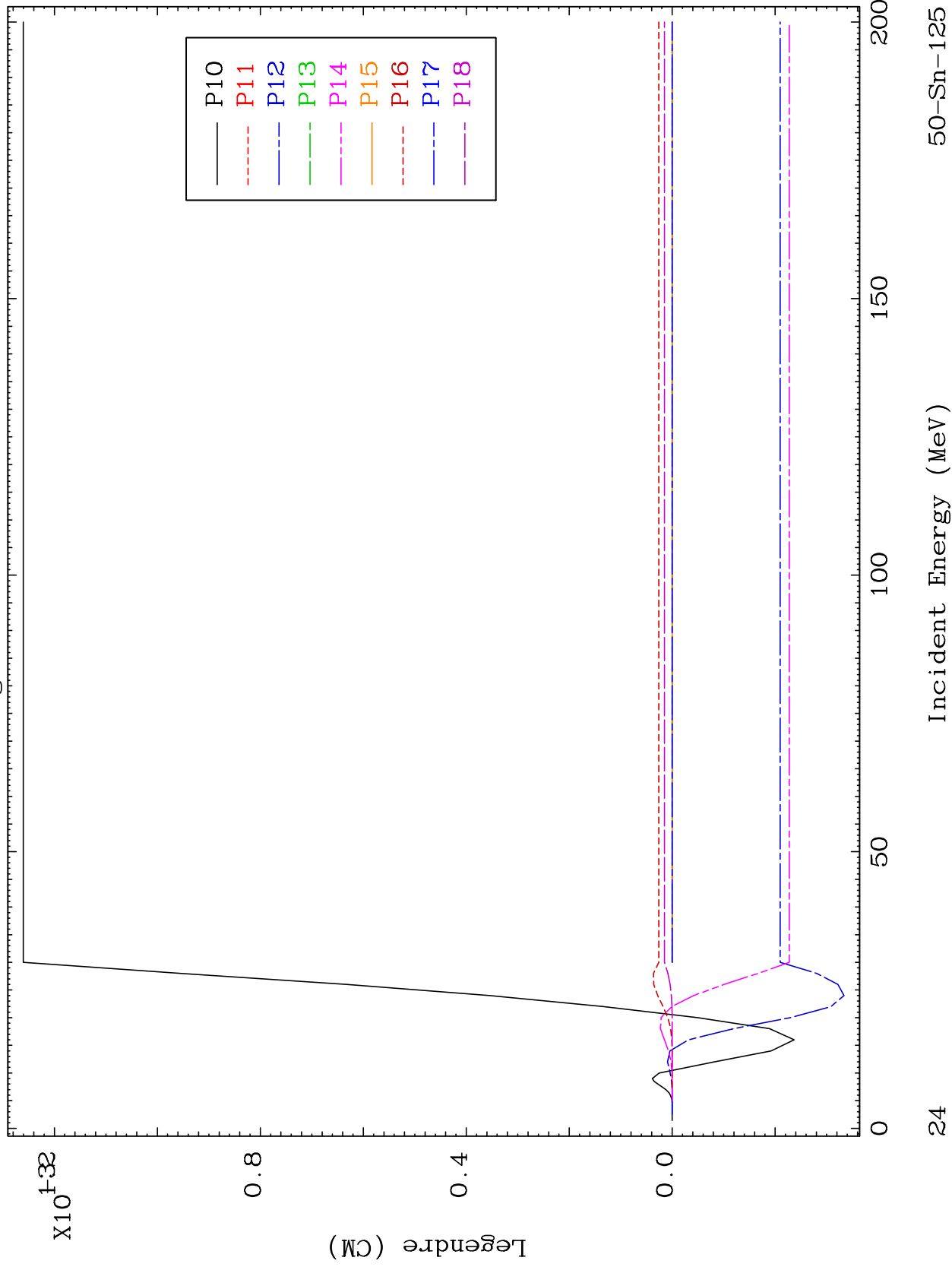


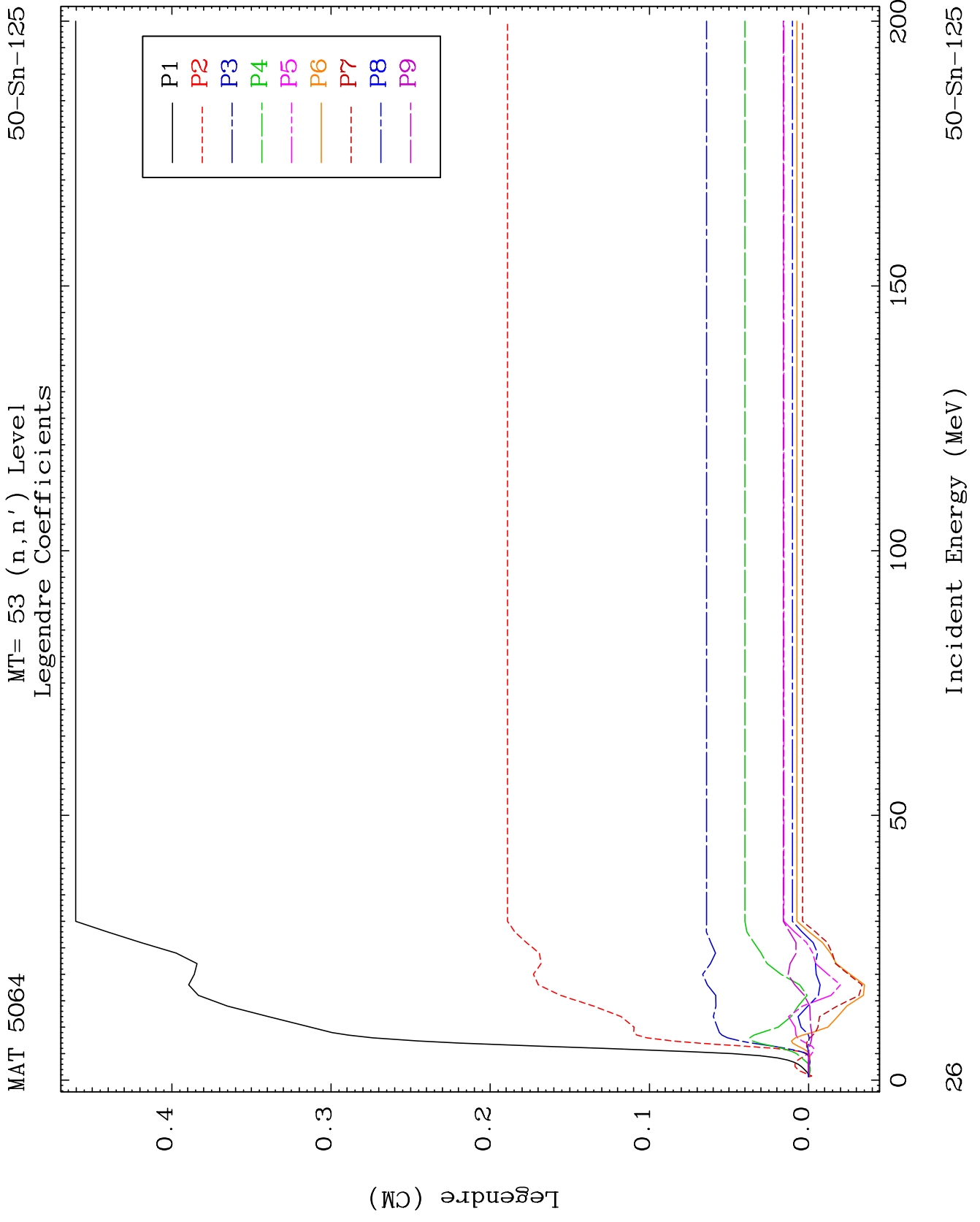


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MT= 52 (n,n') Level
Legendre Coefficients

50-Sn-125

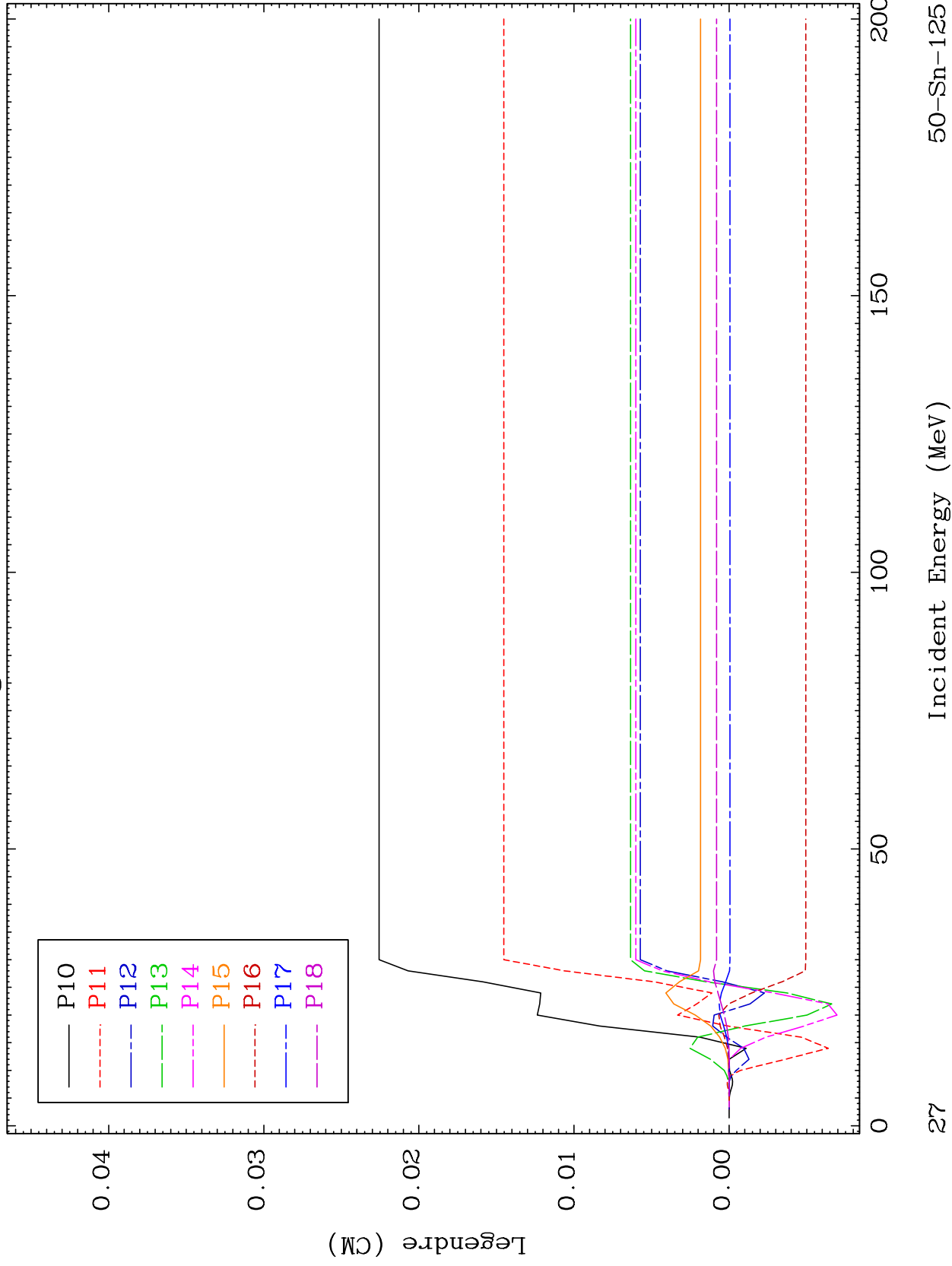




MAT 5064

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

50-Sn-125



27

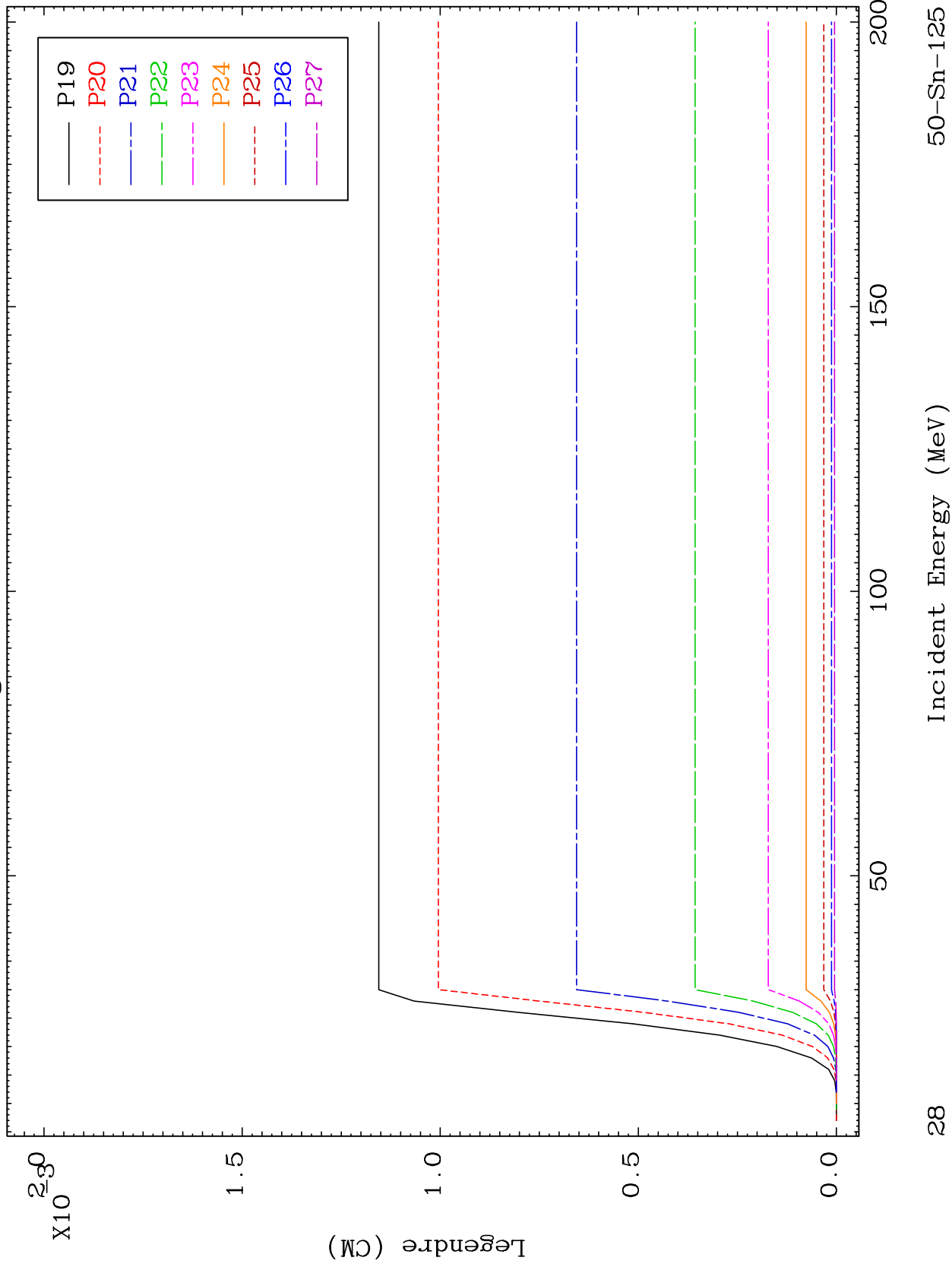
50-Sn-125

Incident Energy (MeV)

MAT 5064

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

50-Sn-125



28

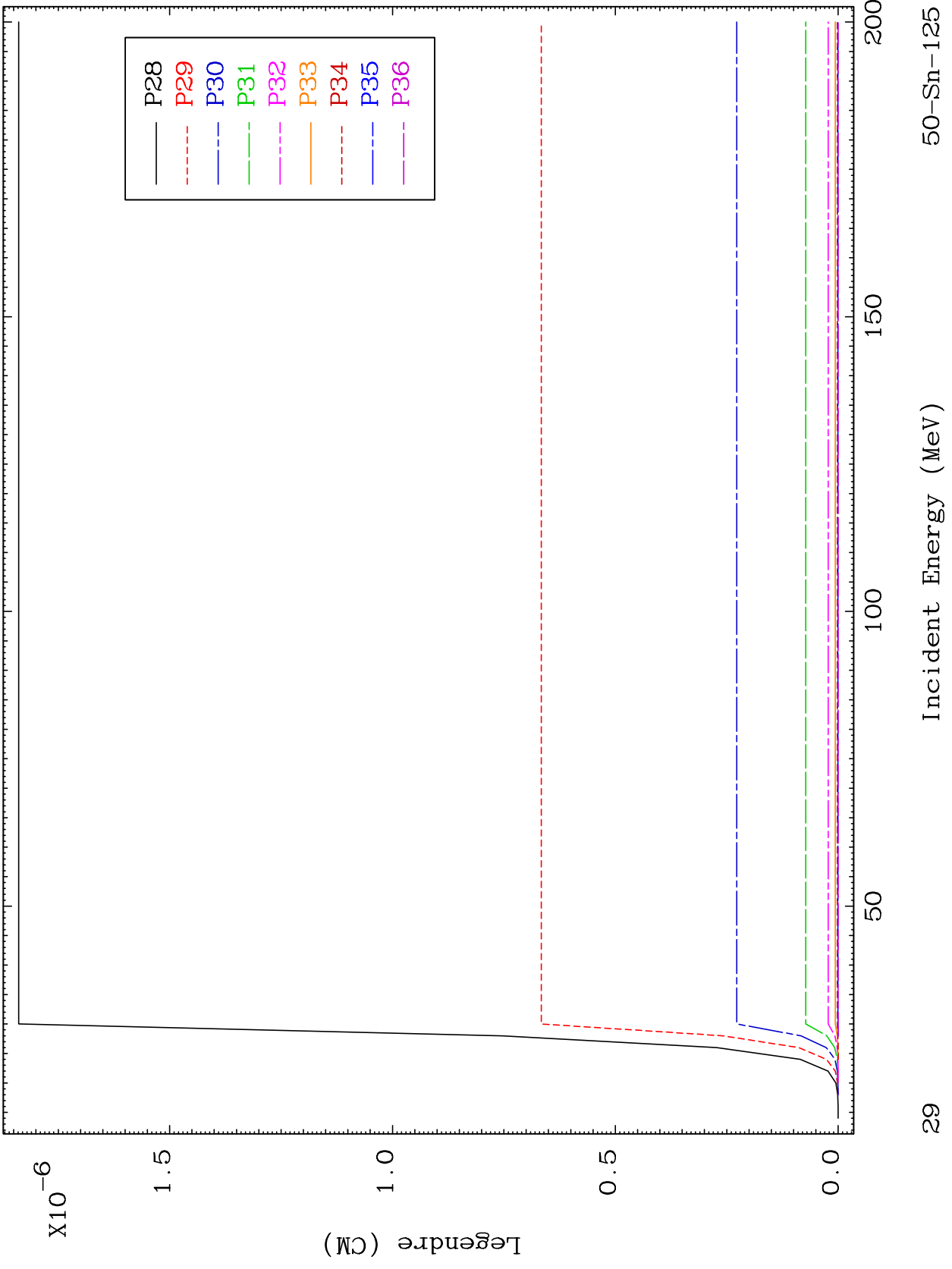
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

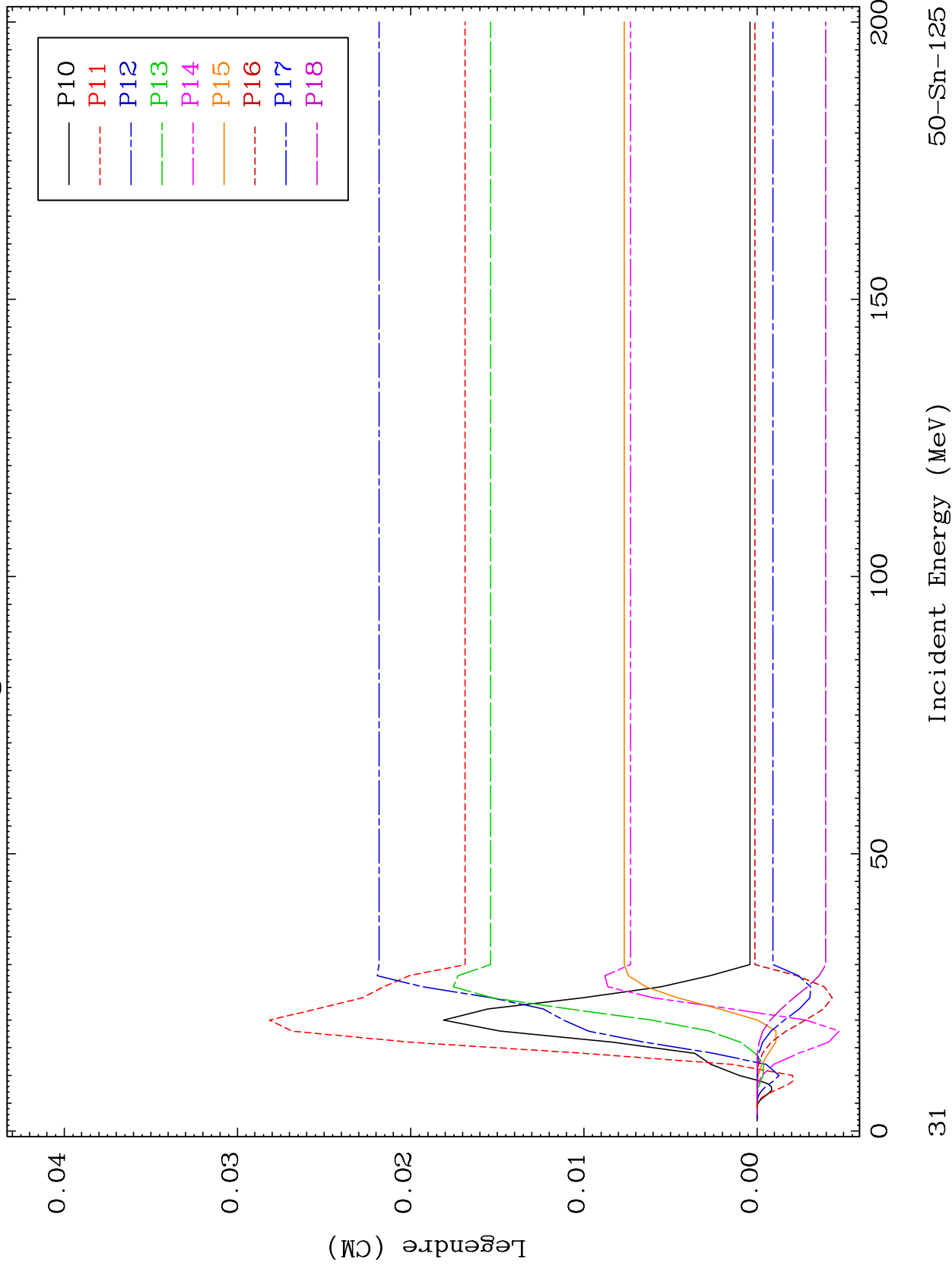
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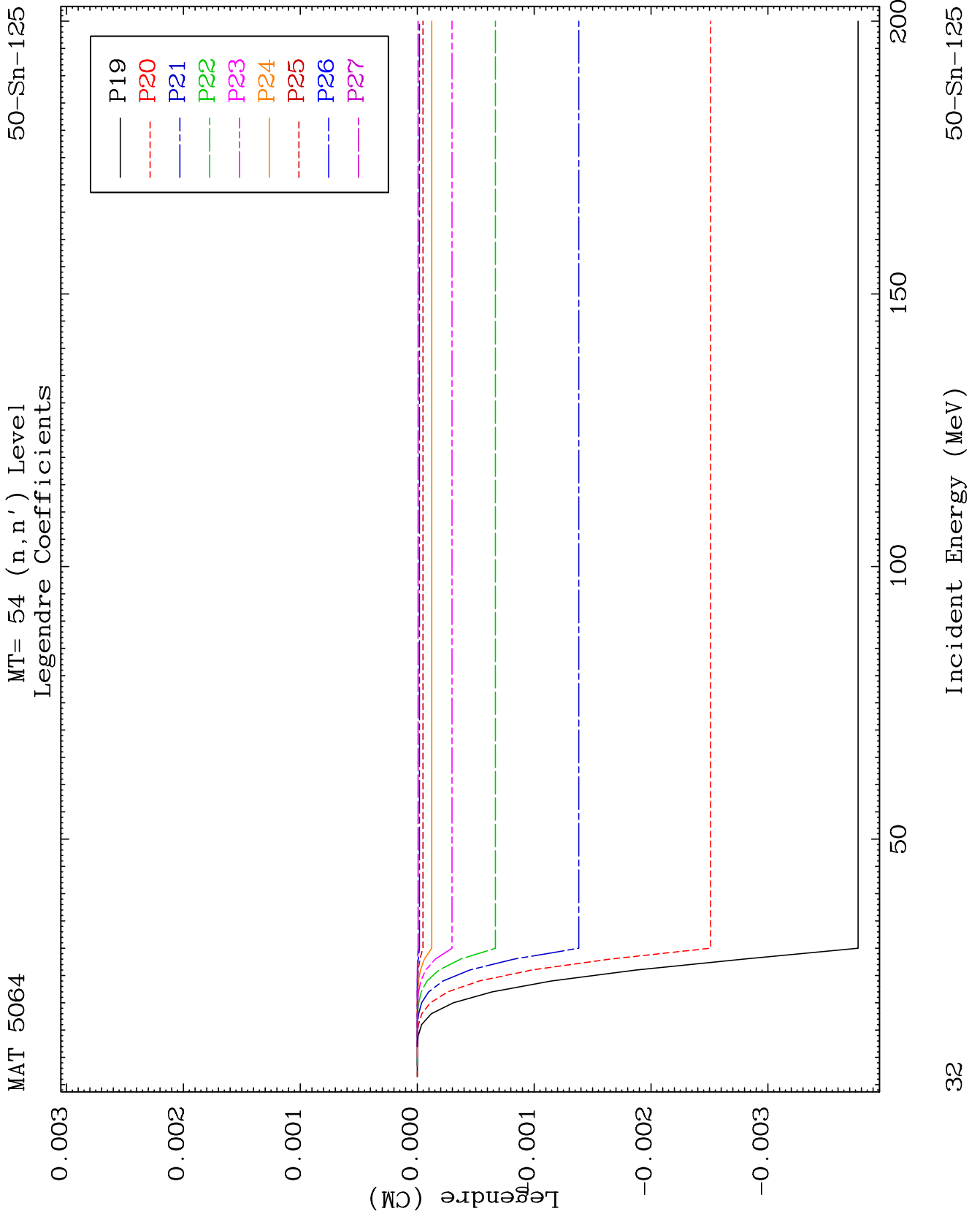


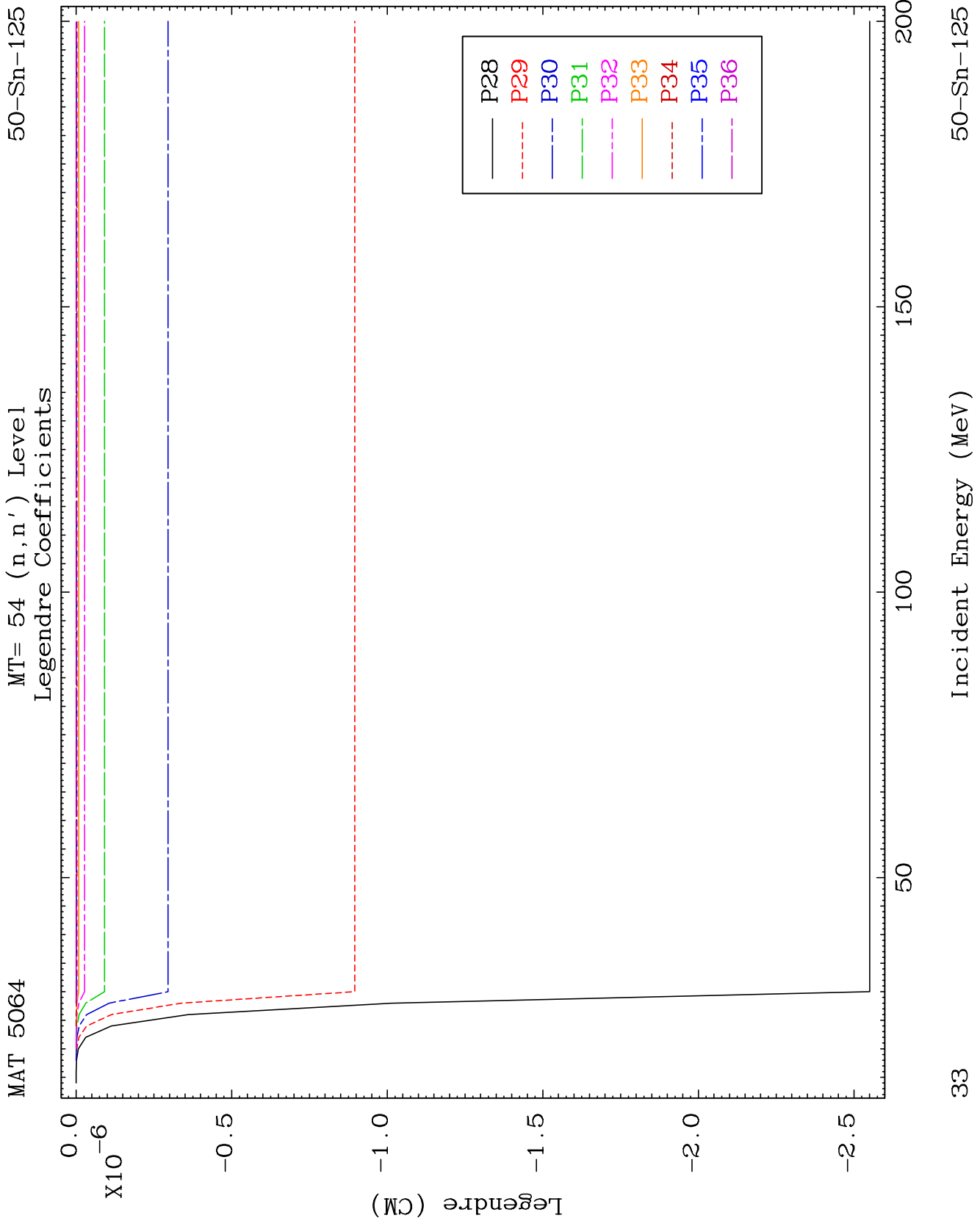
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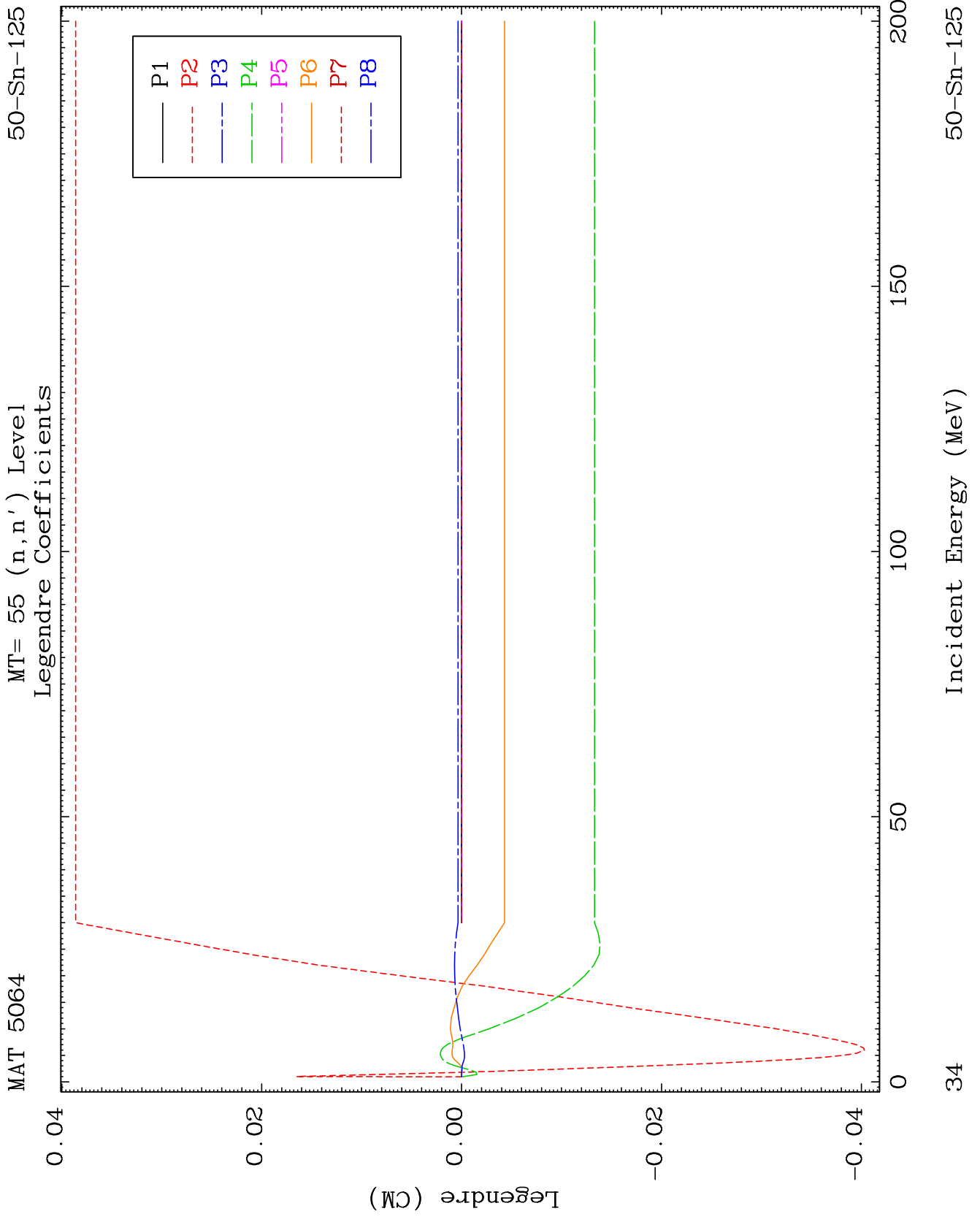
MT= 54 (n,n') Level
Legendre Coefficients

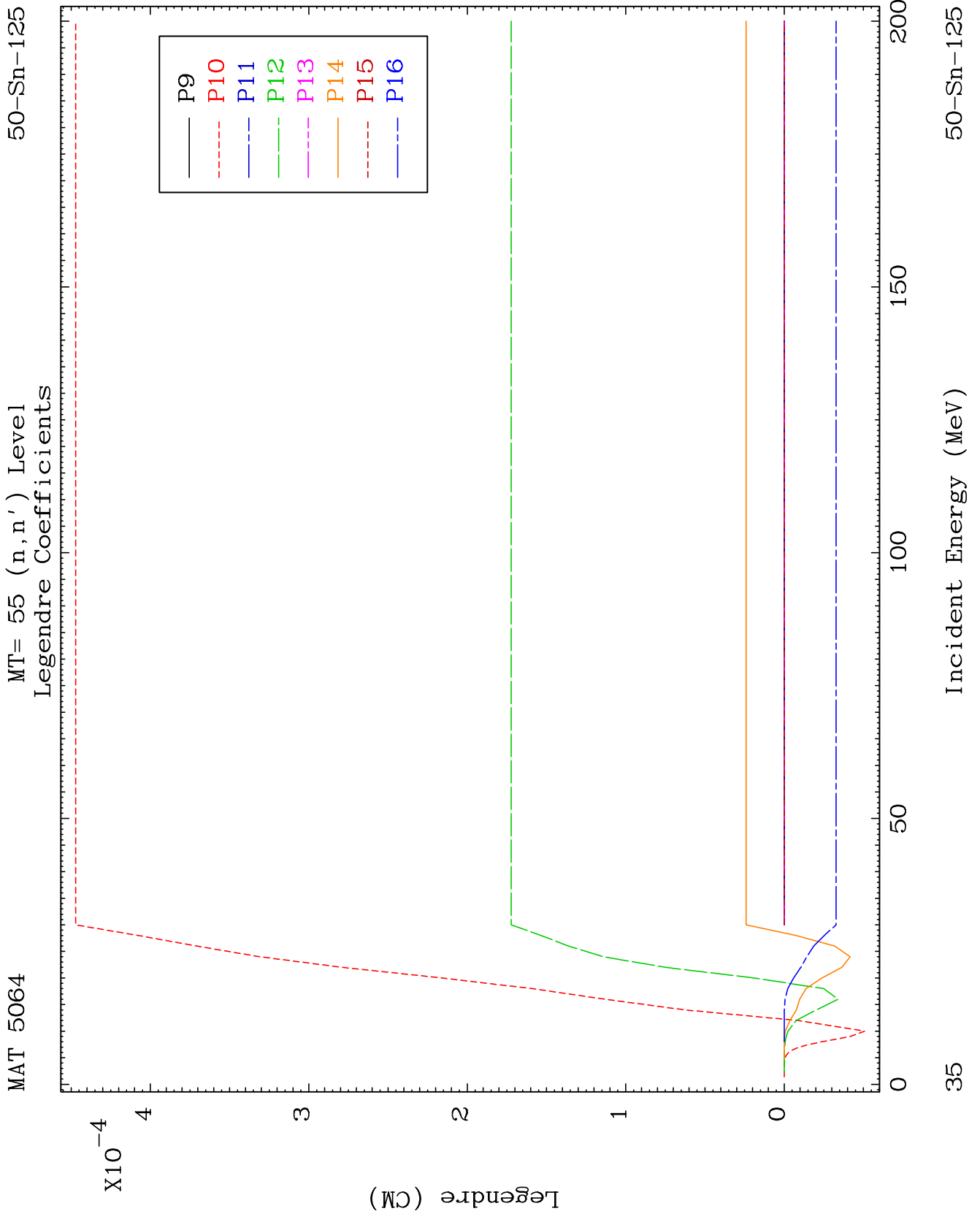
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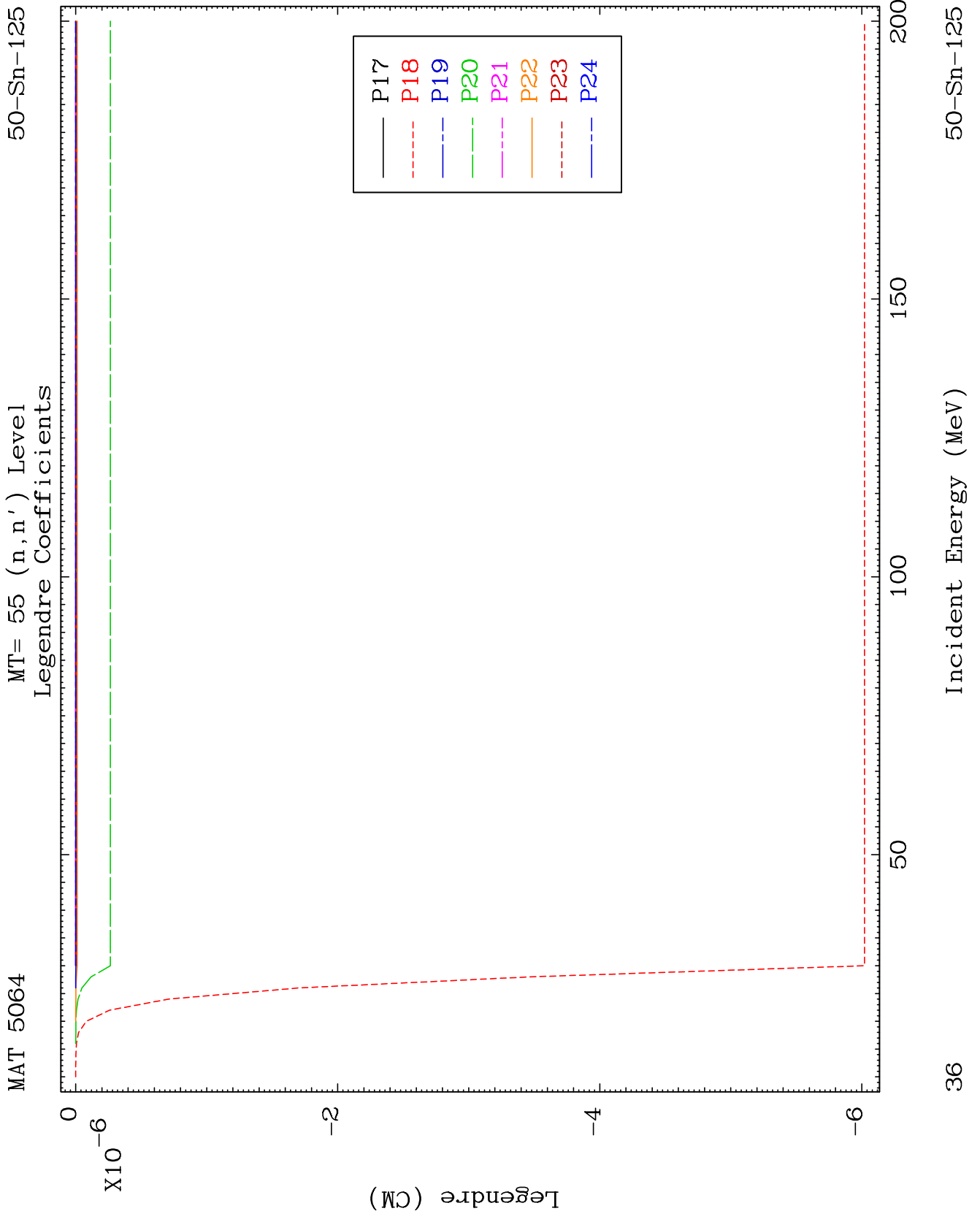


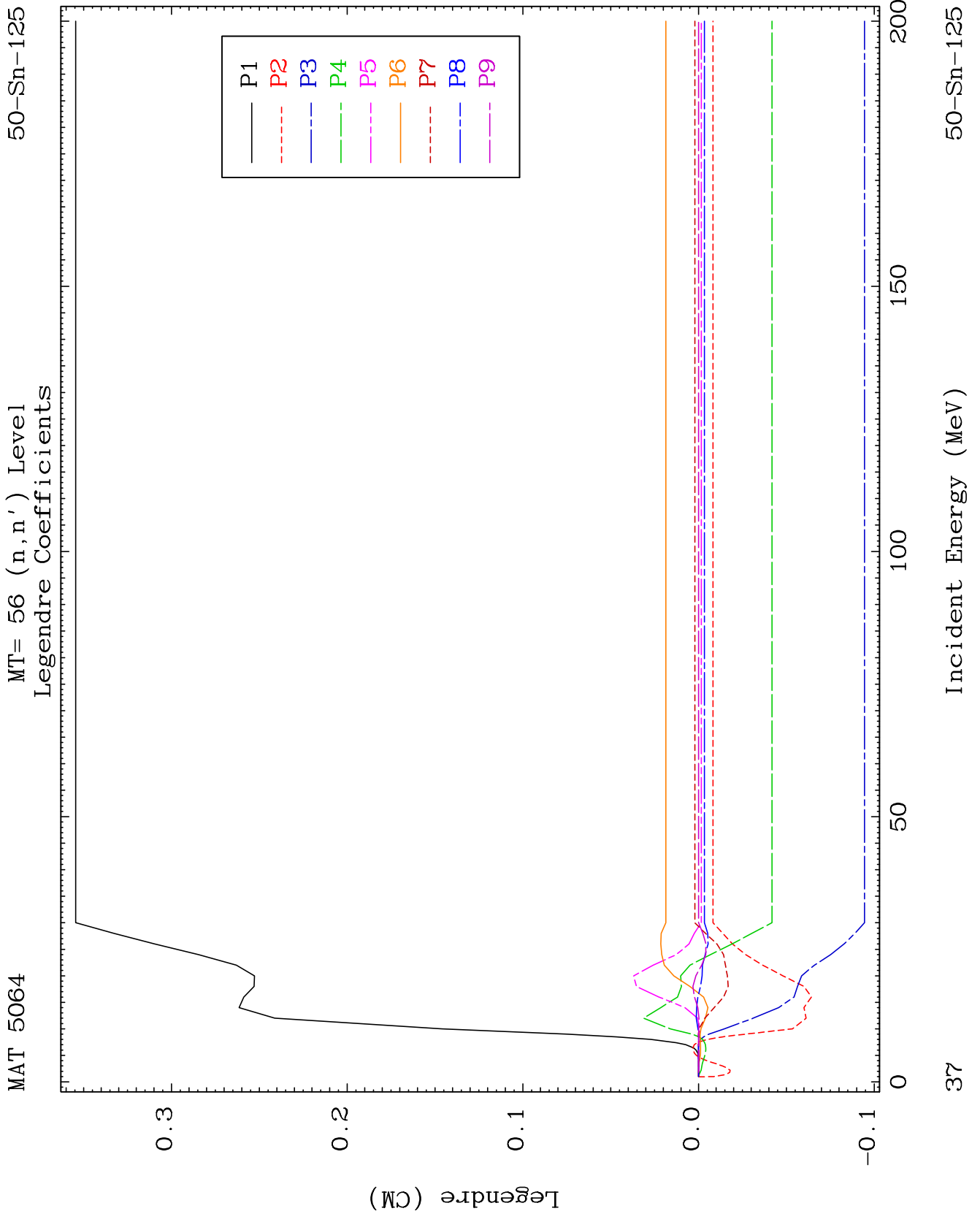








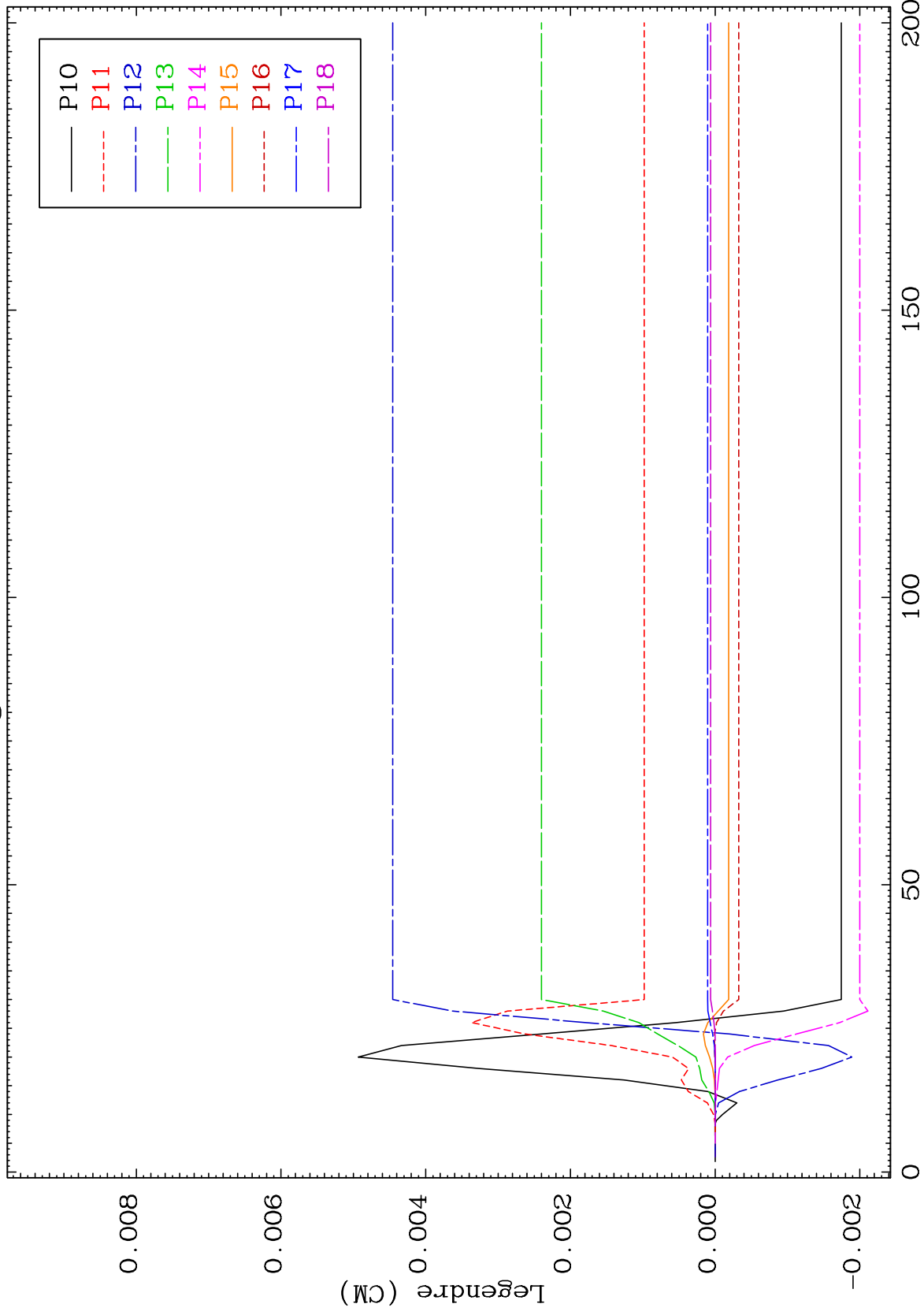




MAT 5064

MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-125



38

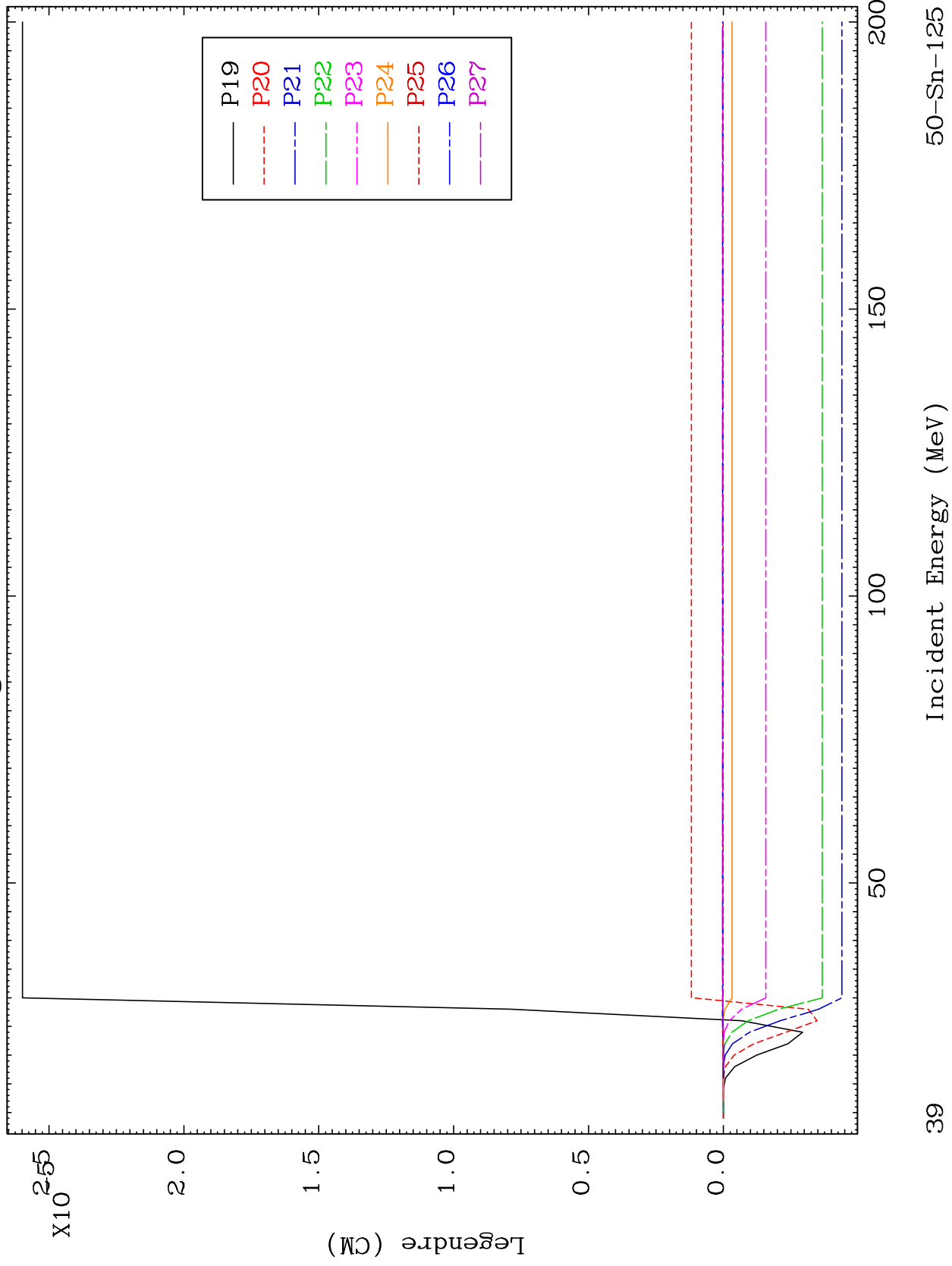
Incident Energy (MeV)

50-Sn-125

MAT 5064

MT= 56 (n,n') Level
Legendre Coefficients

50-Sn-125

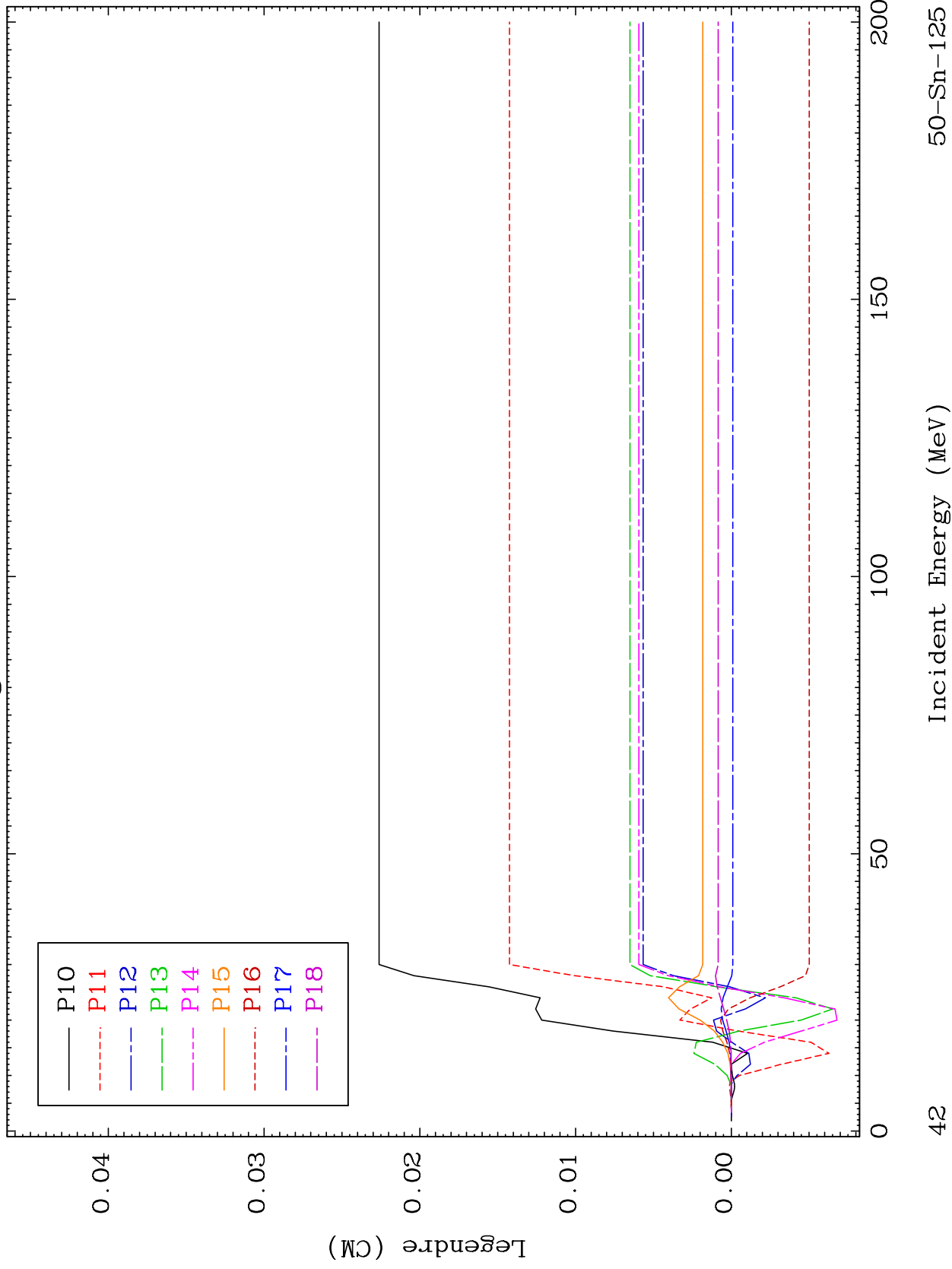


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MAT 5064

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

50-Sn-125



42

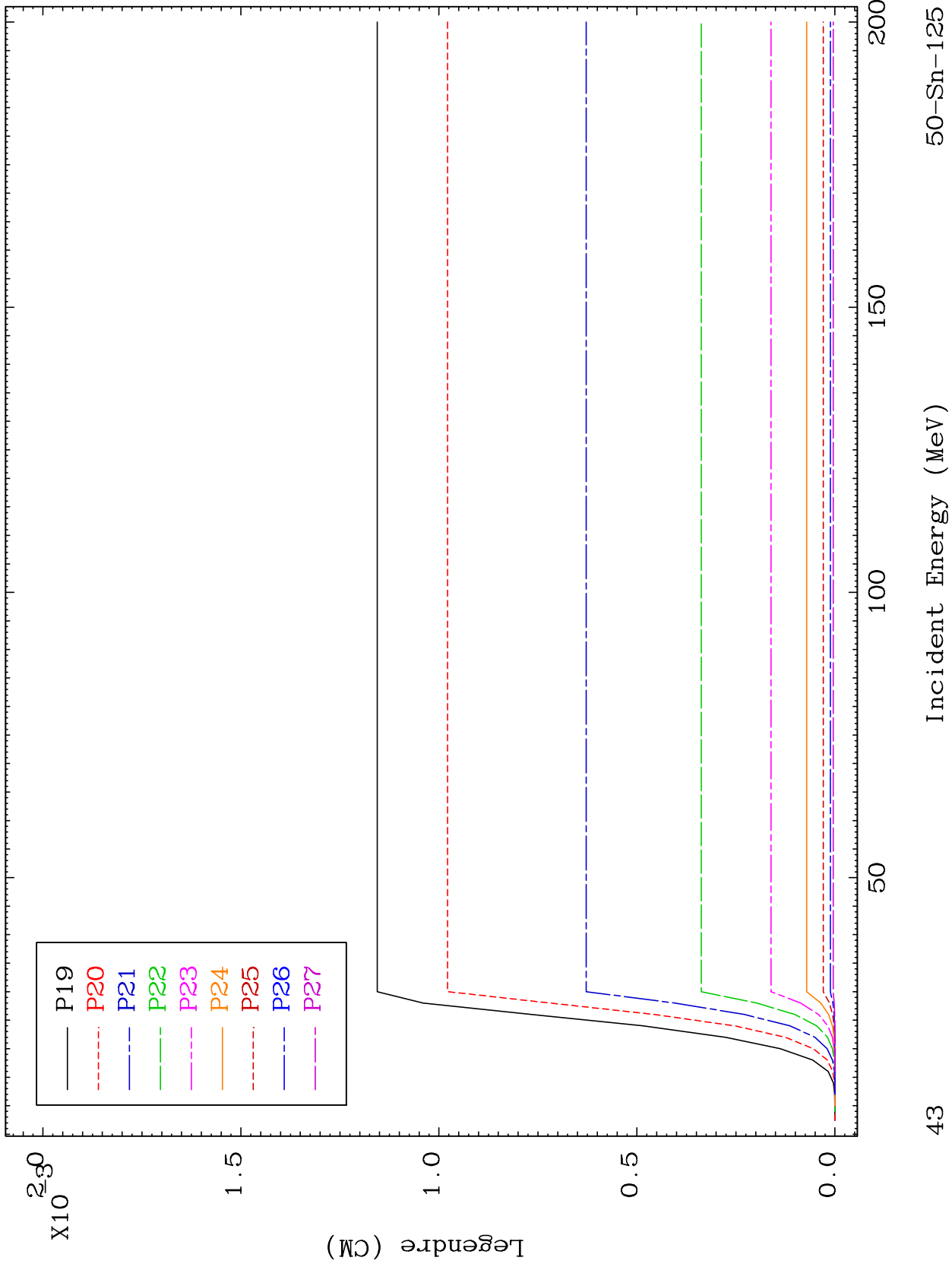
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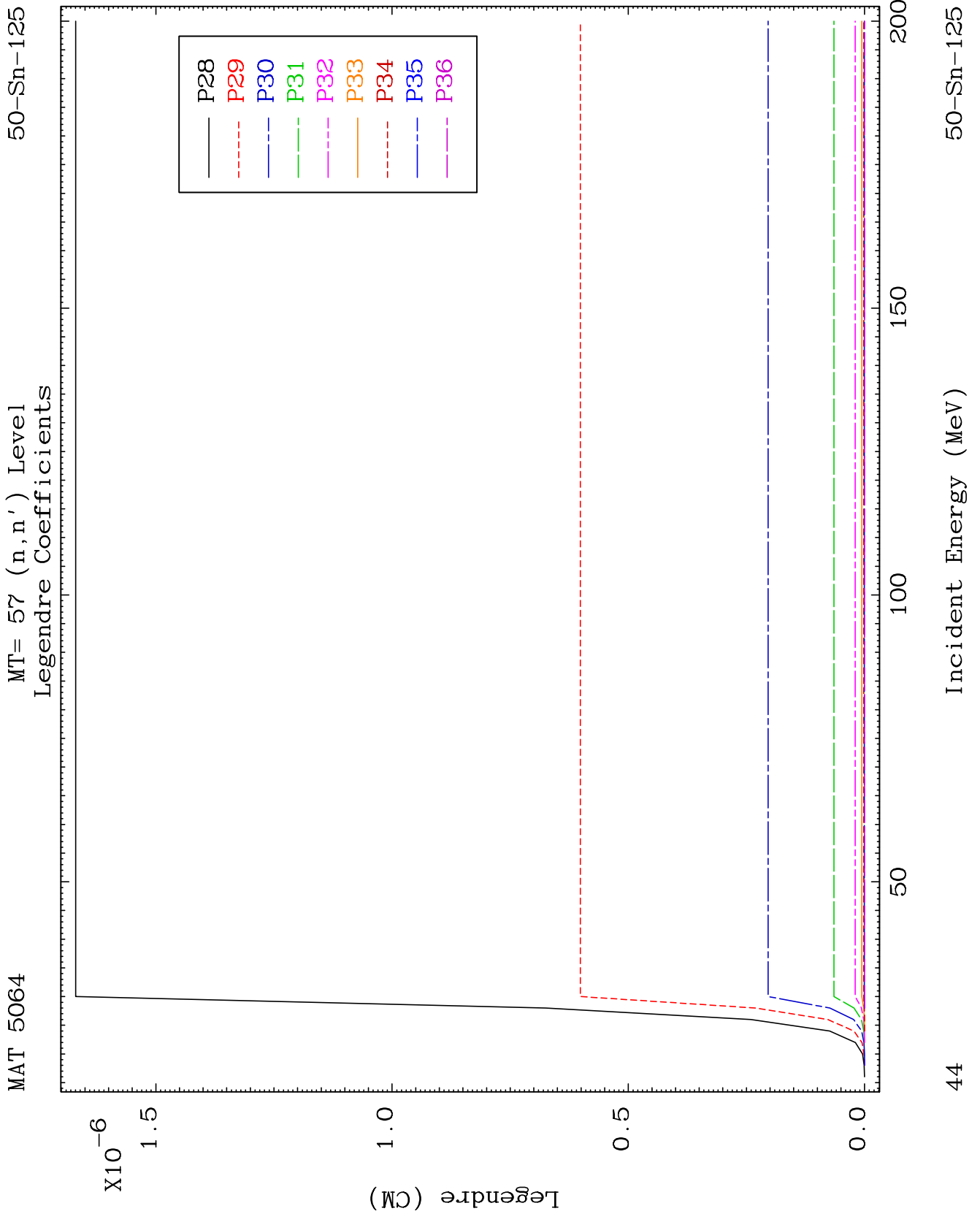
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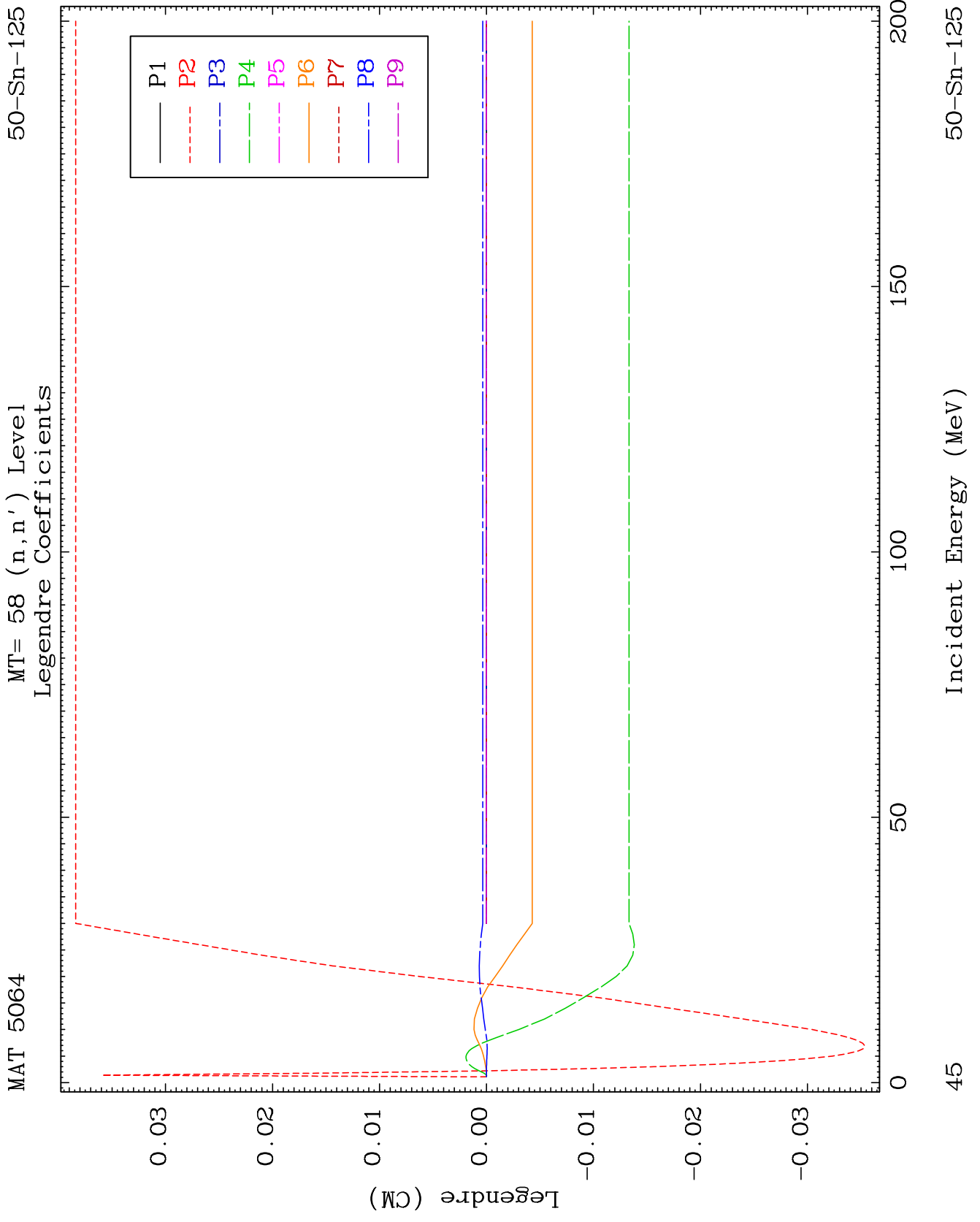
MAT 5064

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

50-Sn-125



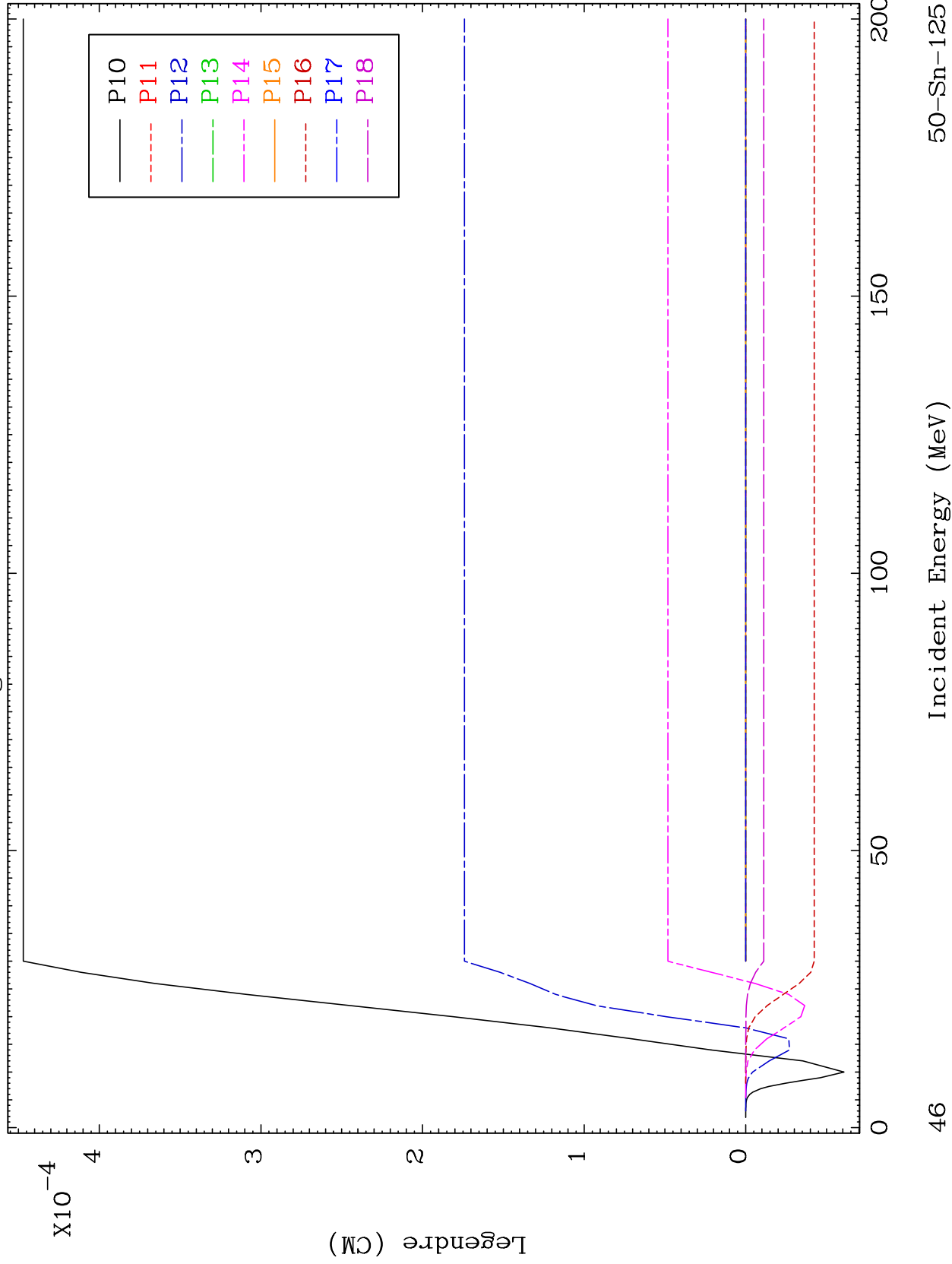


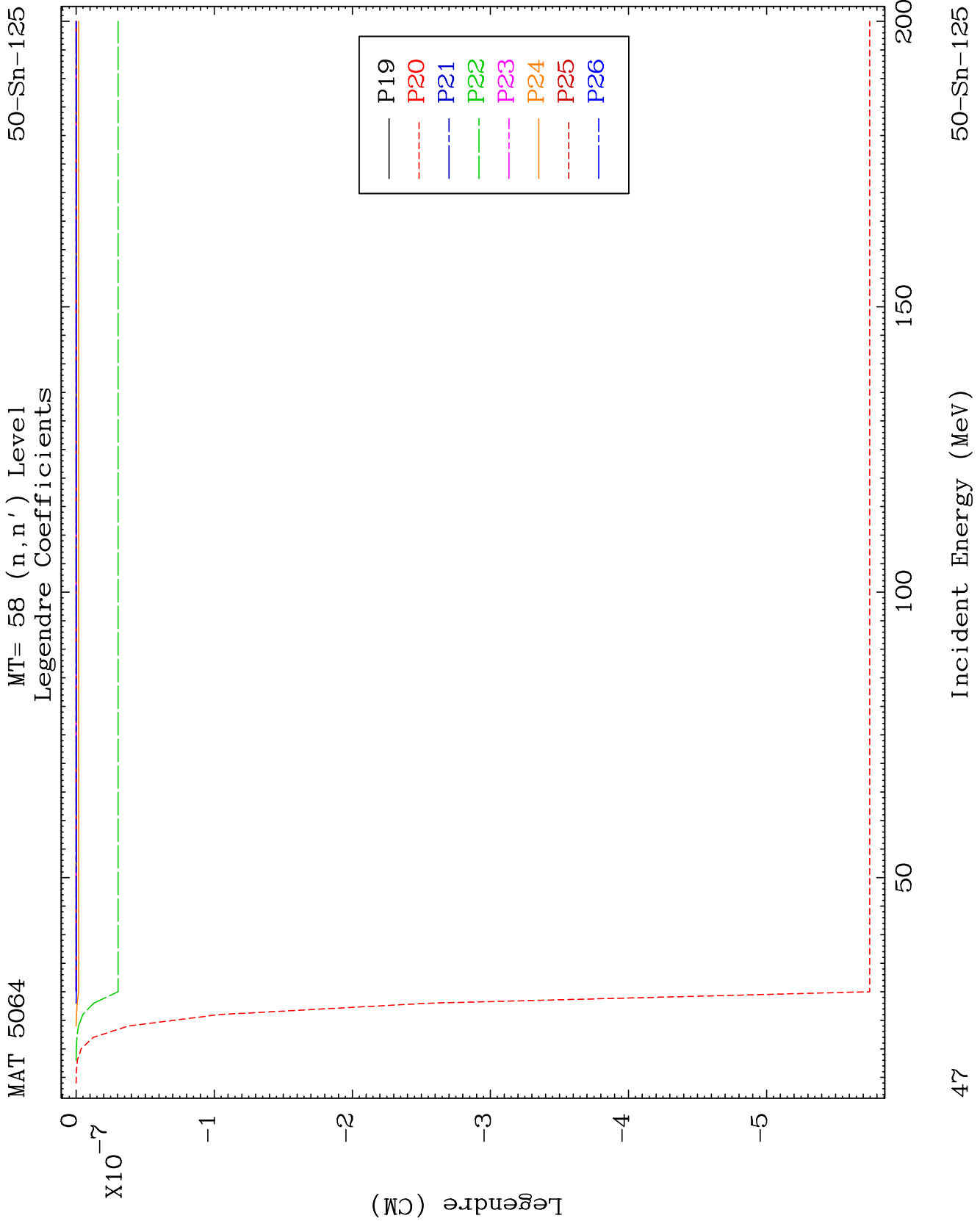


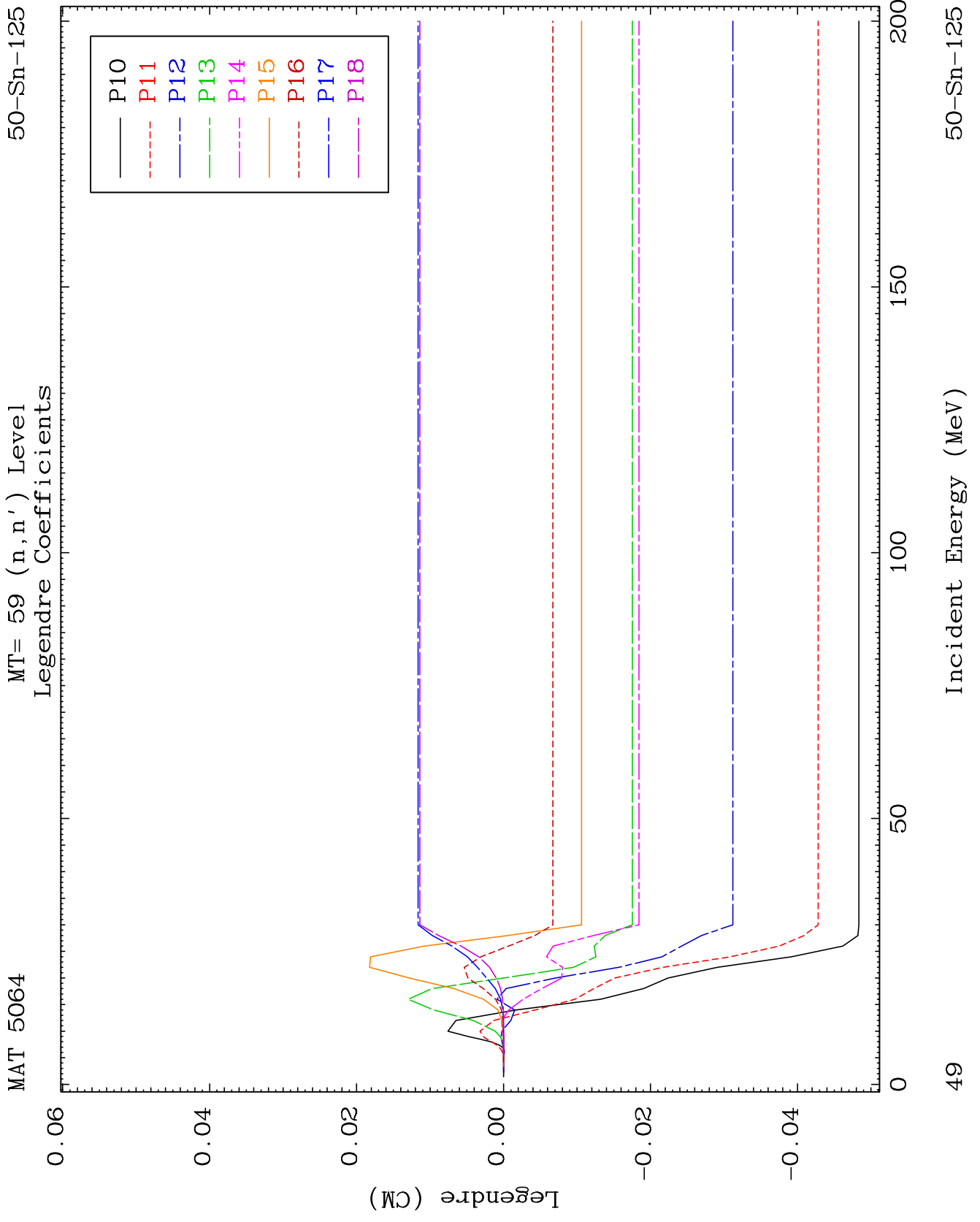
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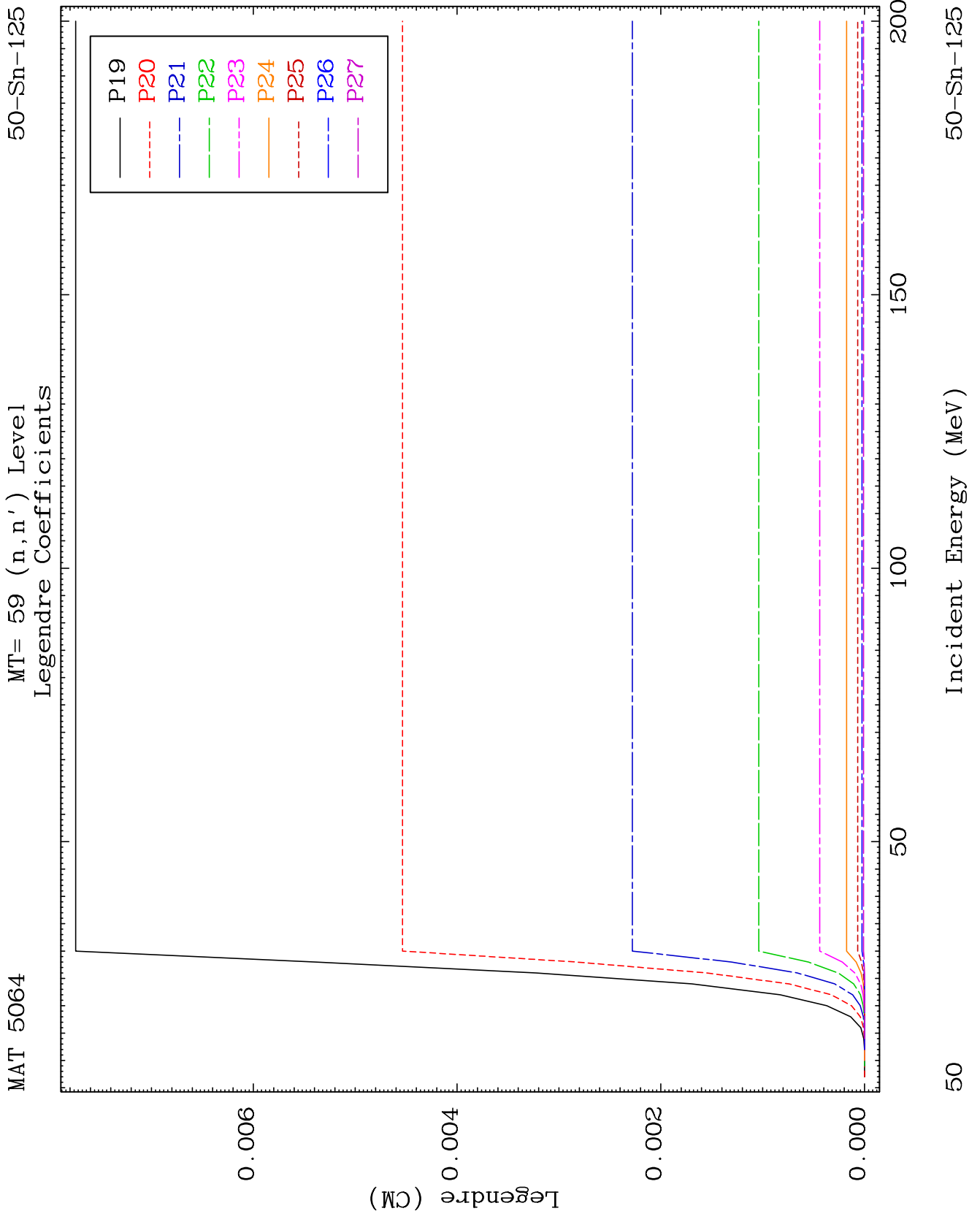
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Legendre Coefficients

50-Sn-125





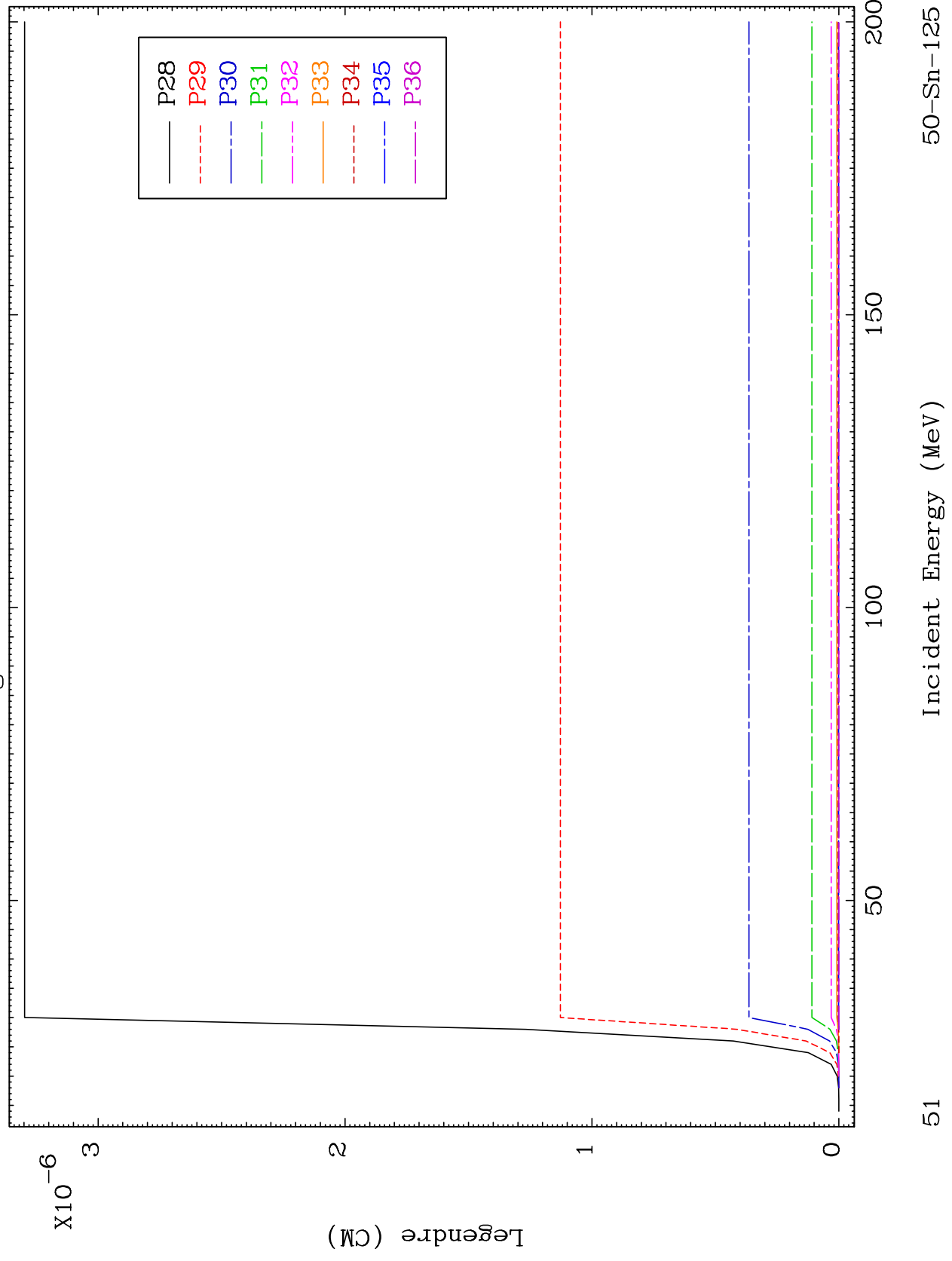




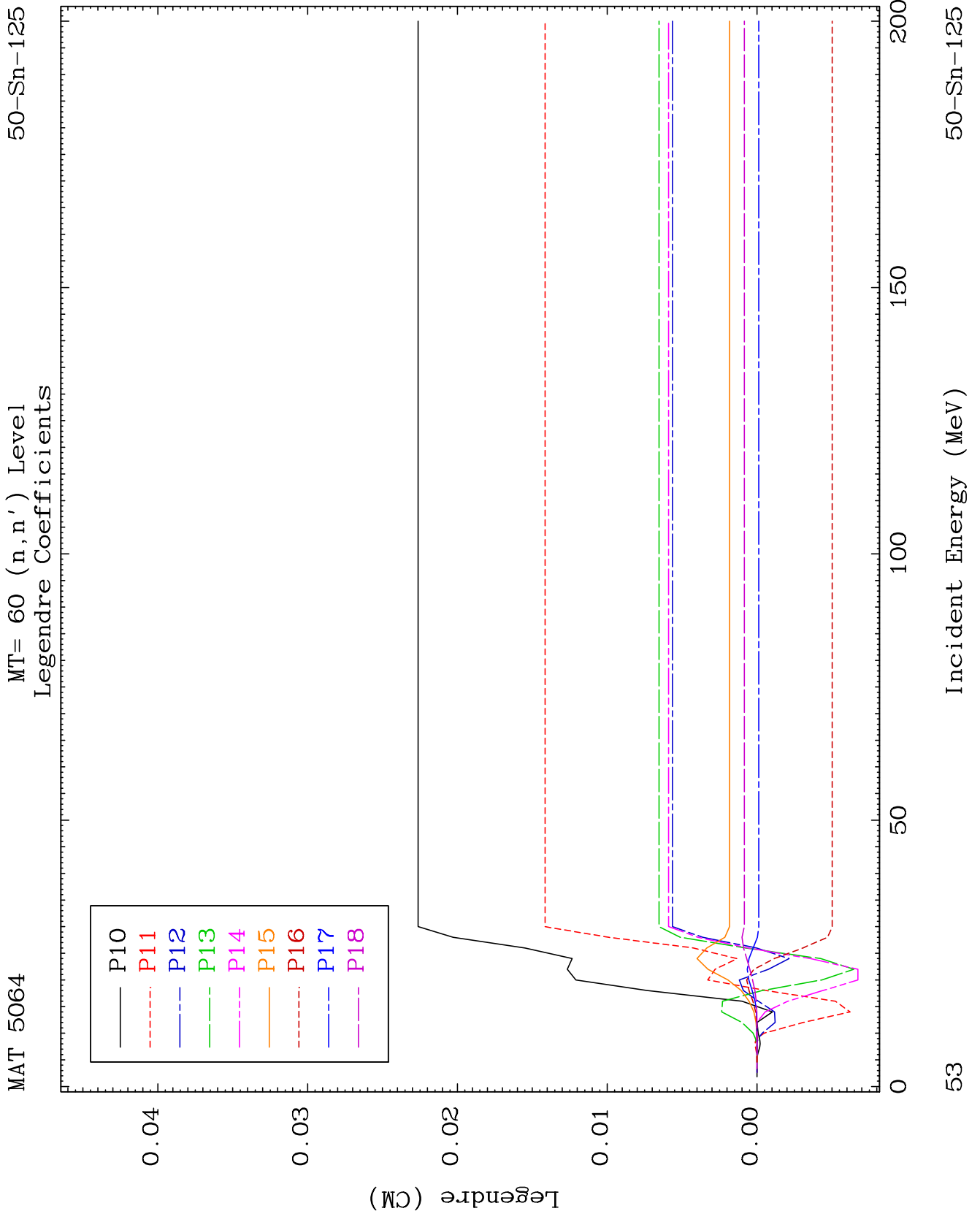
MAT 5064

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

50-Sn-125



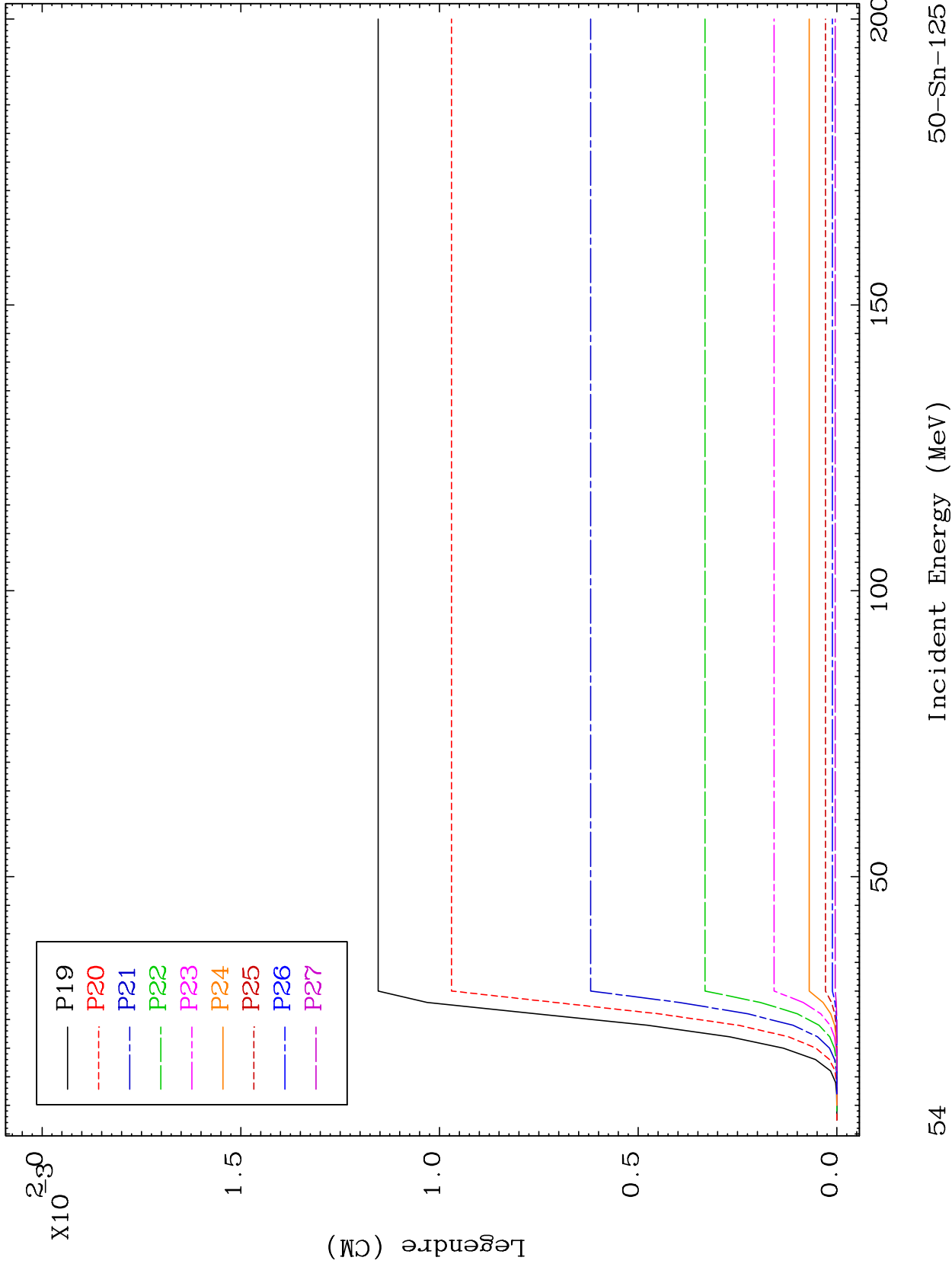
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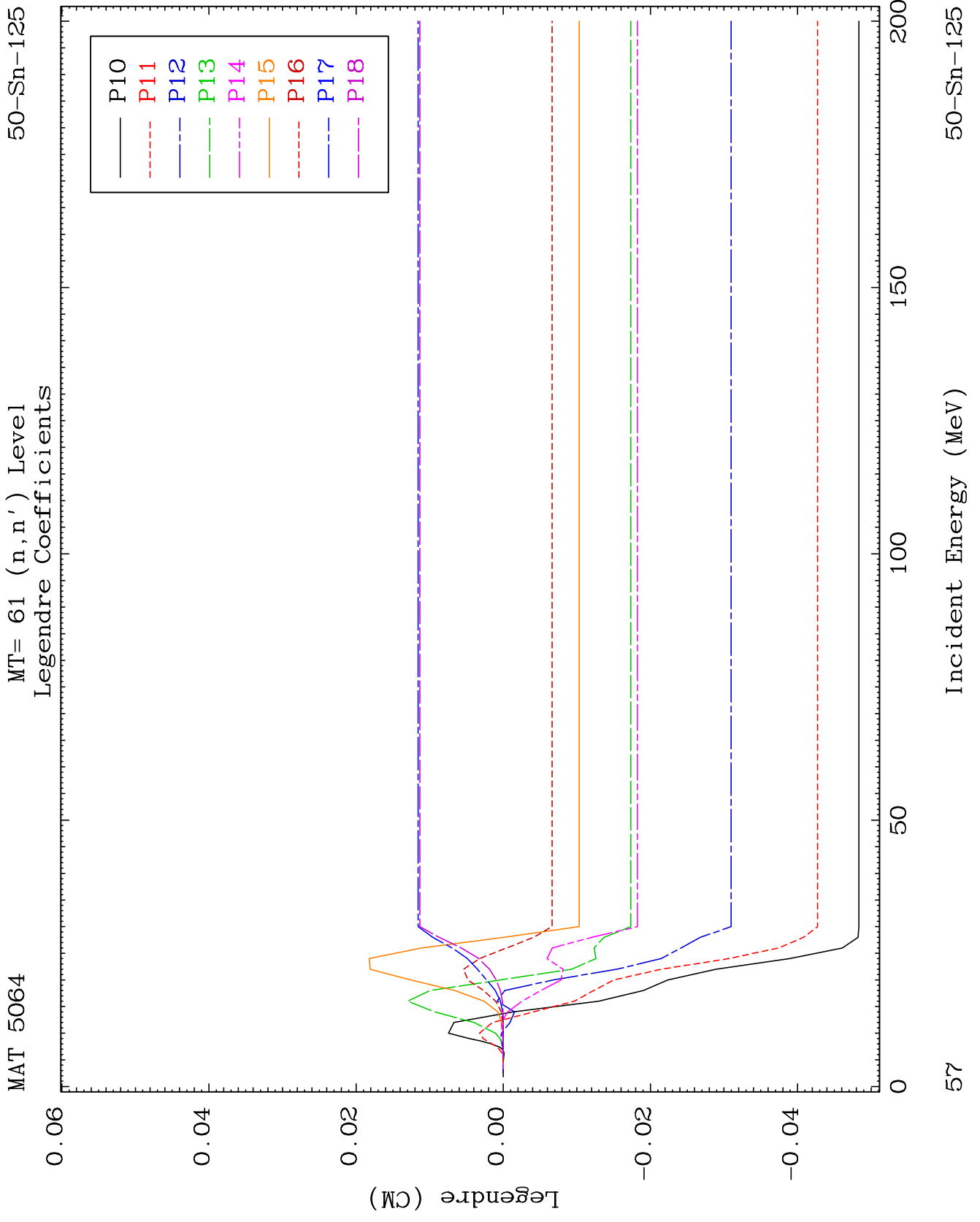
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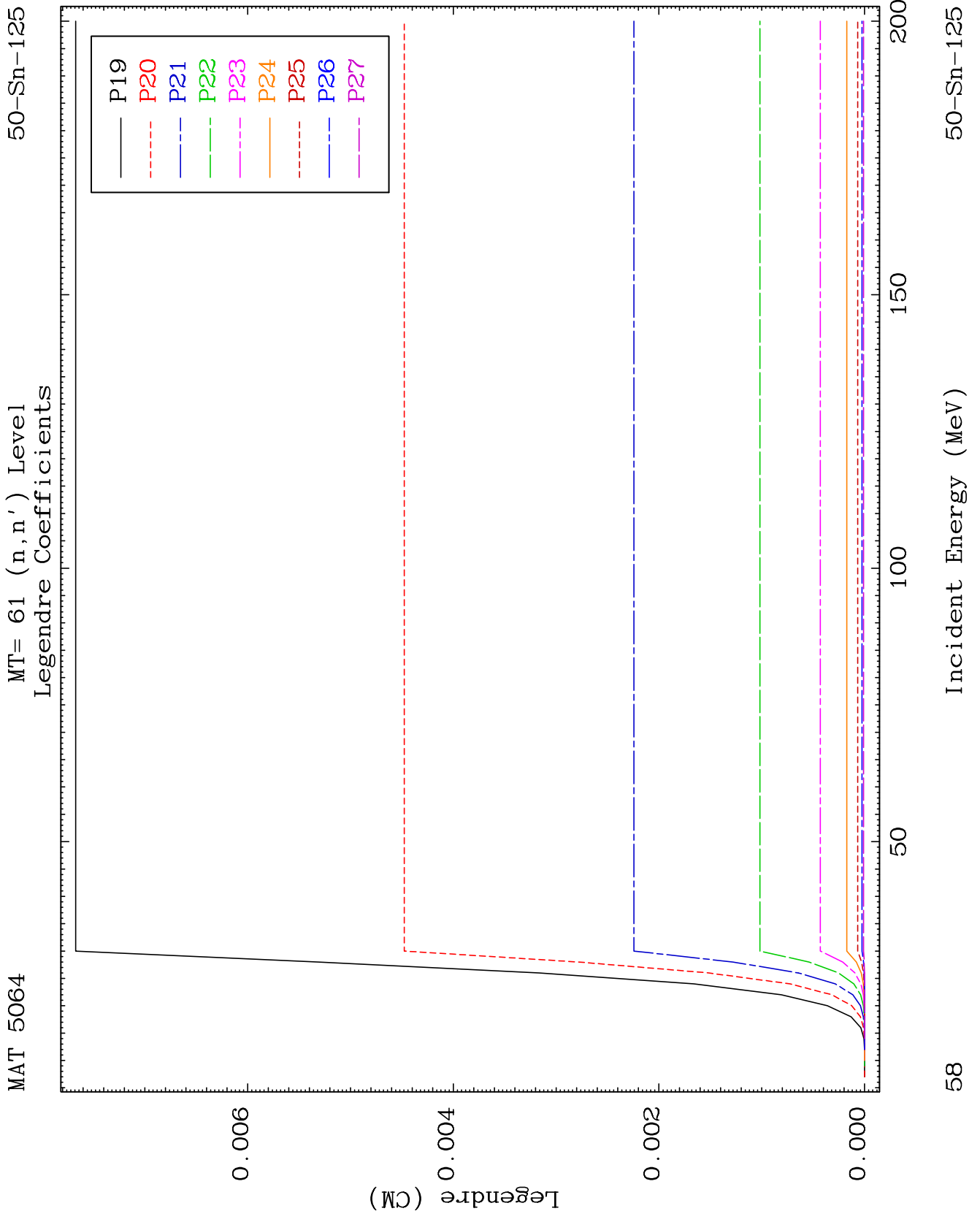
MT= 60 (n,n') Level
Legendre Coefficients

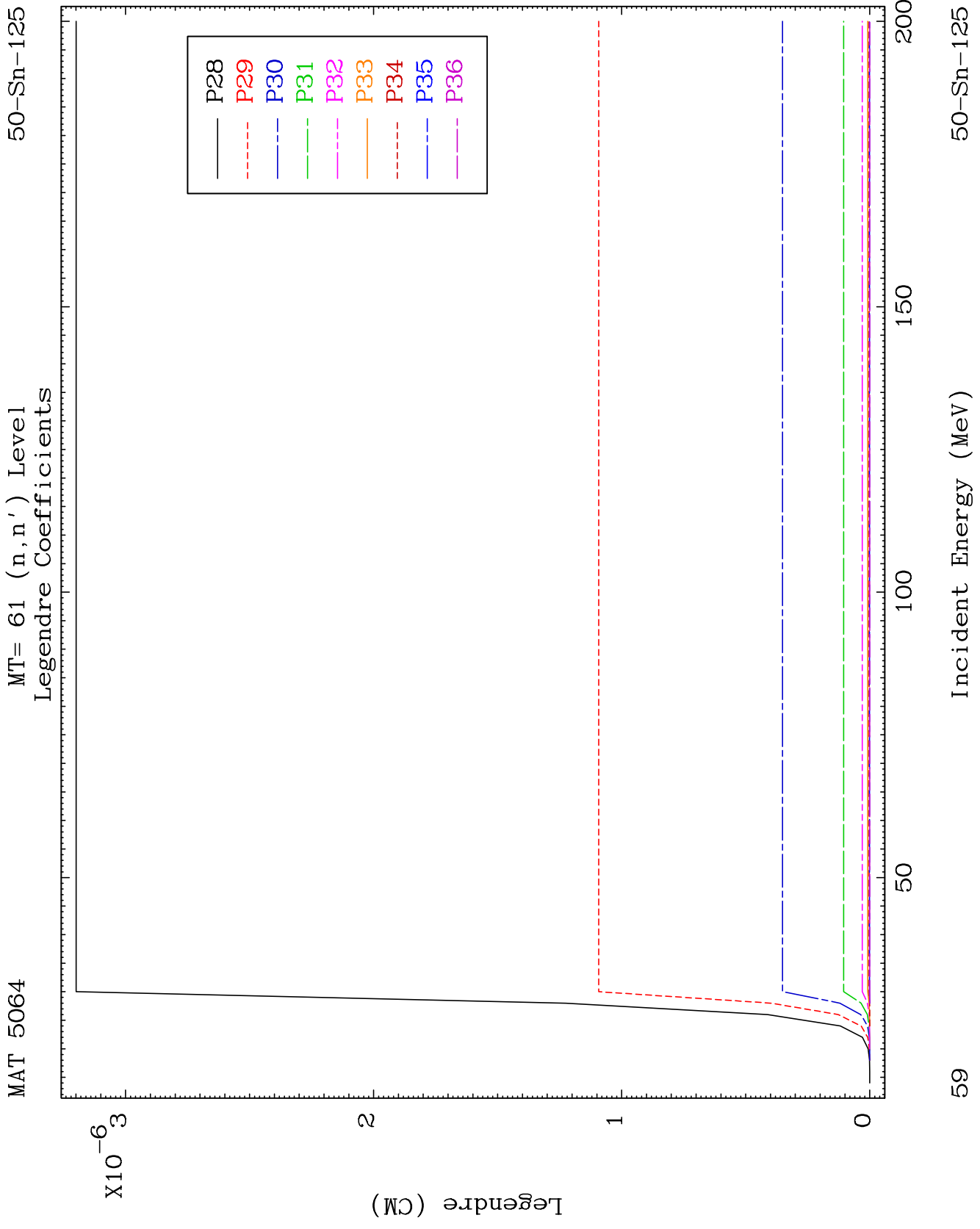
50-Sn-125



54



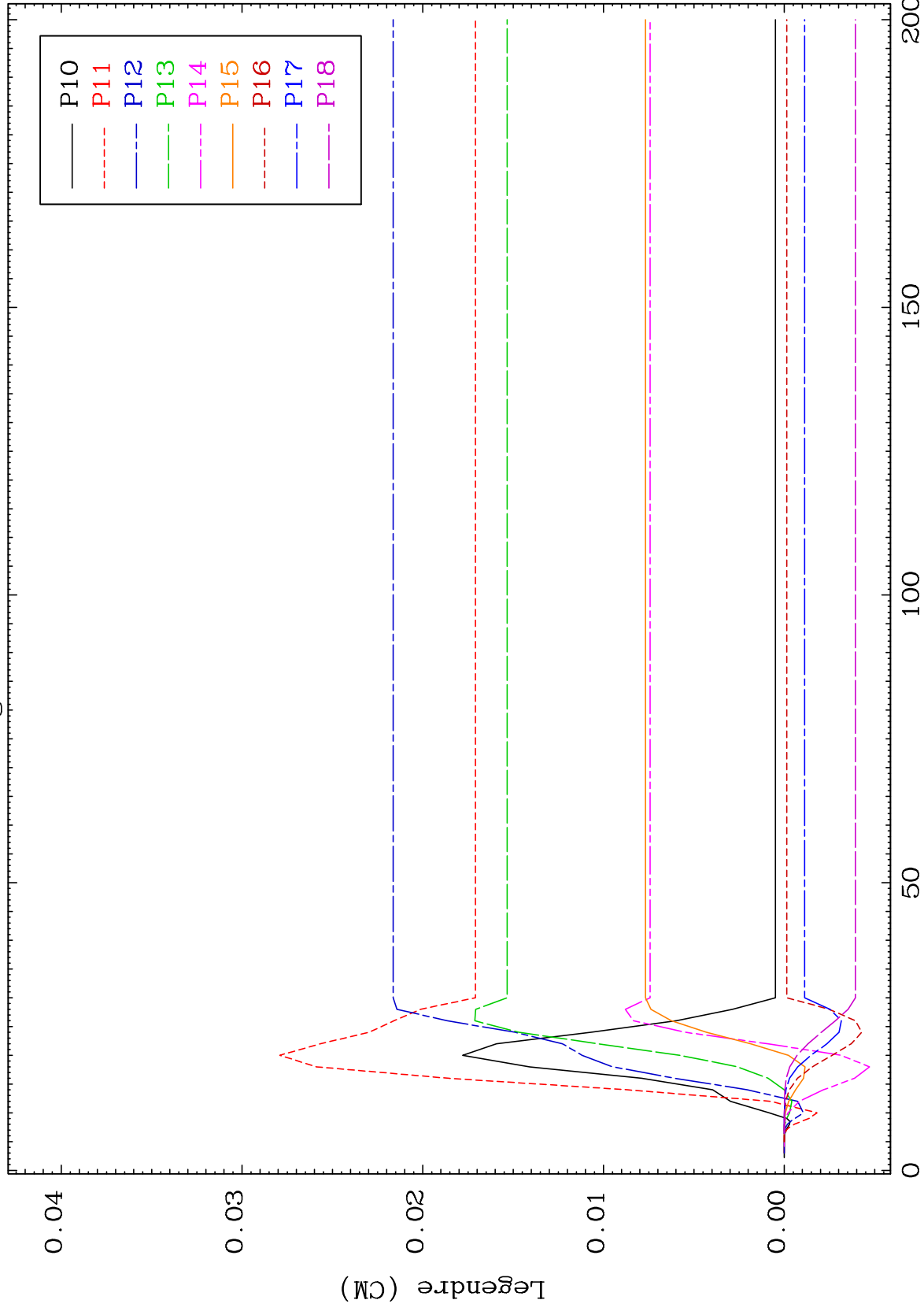




MAT 5064

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

50-Sn-125



61

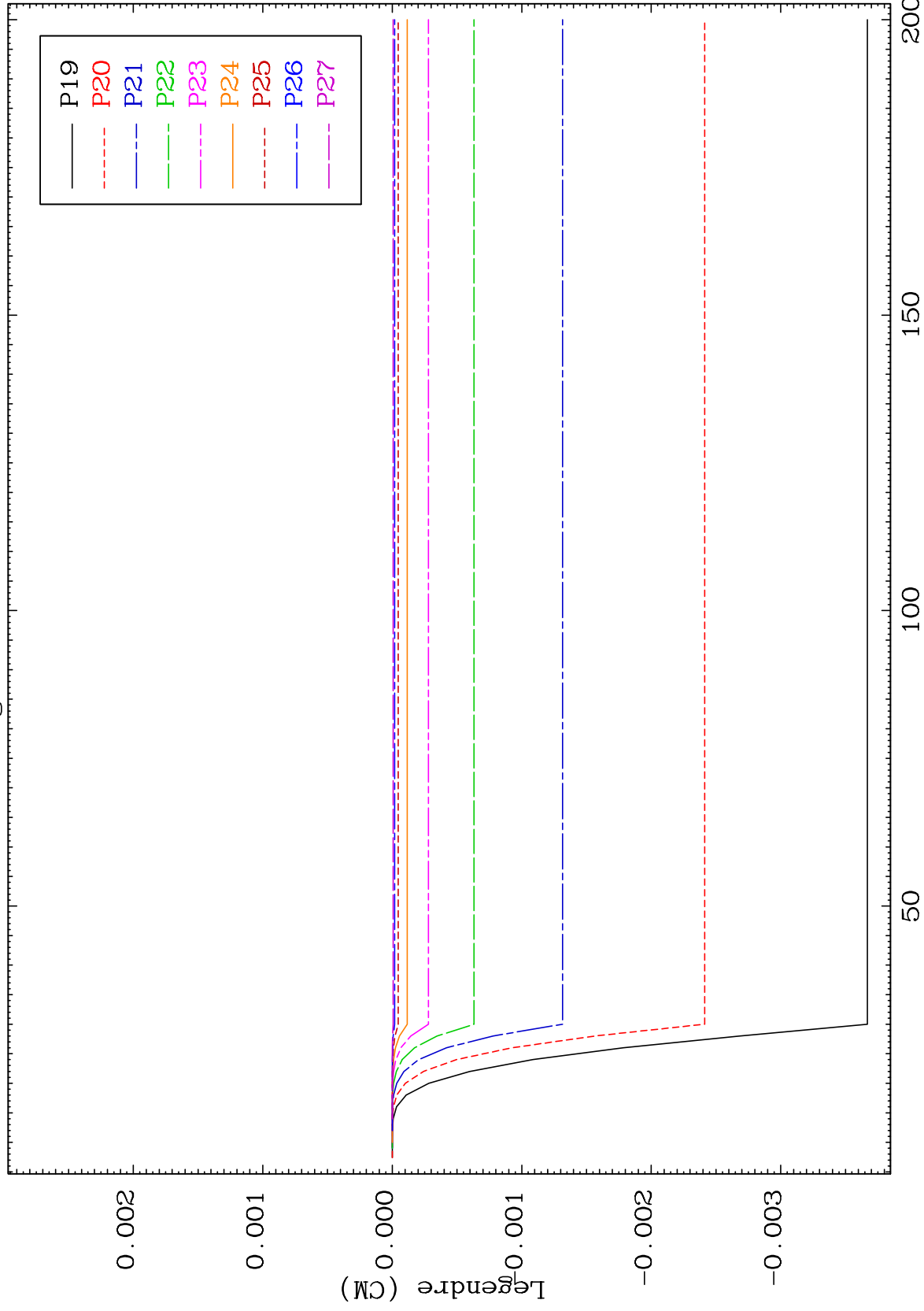
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

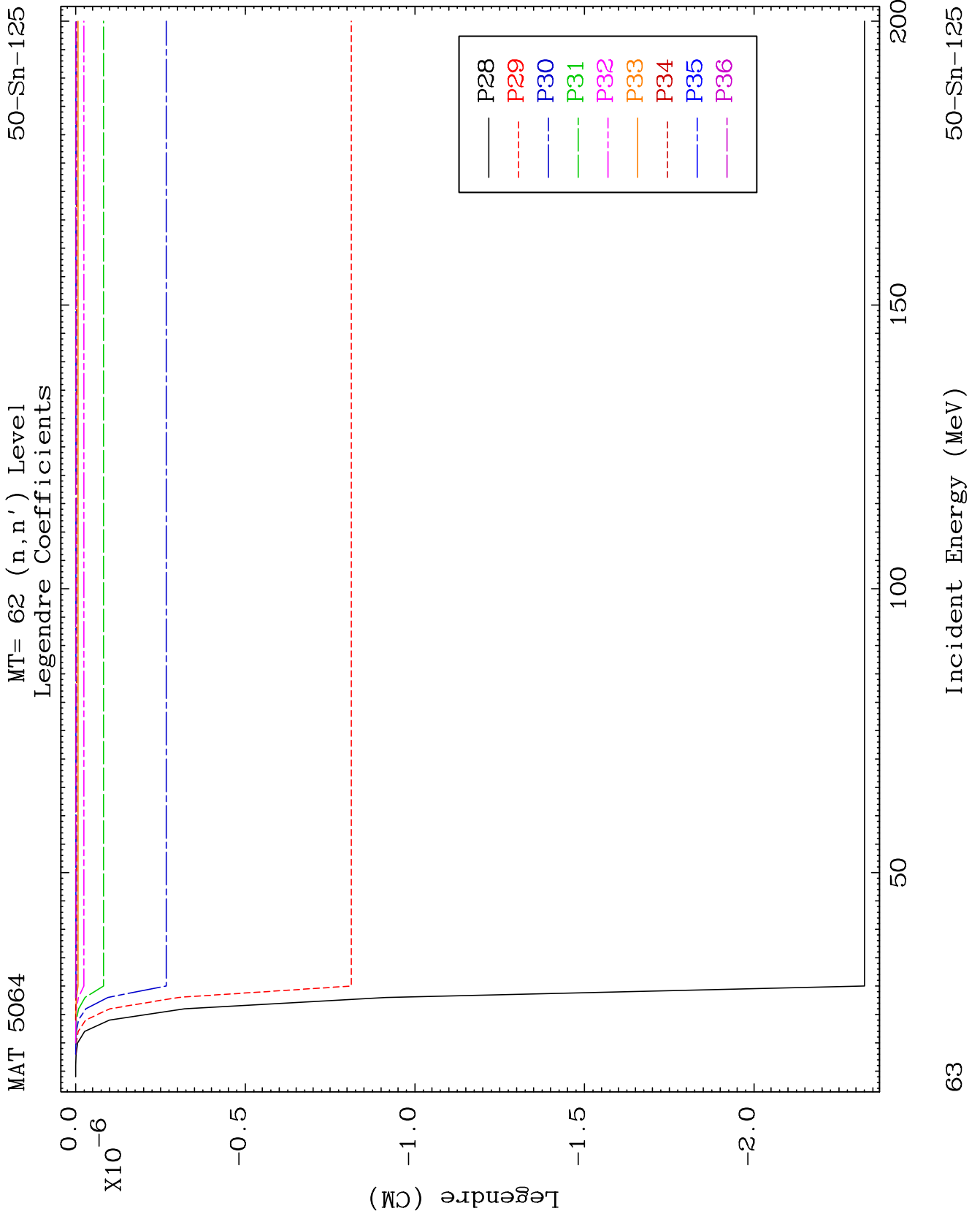
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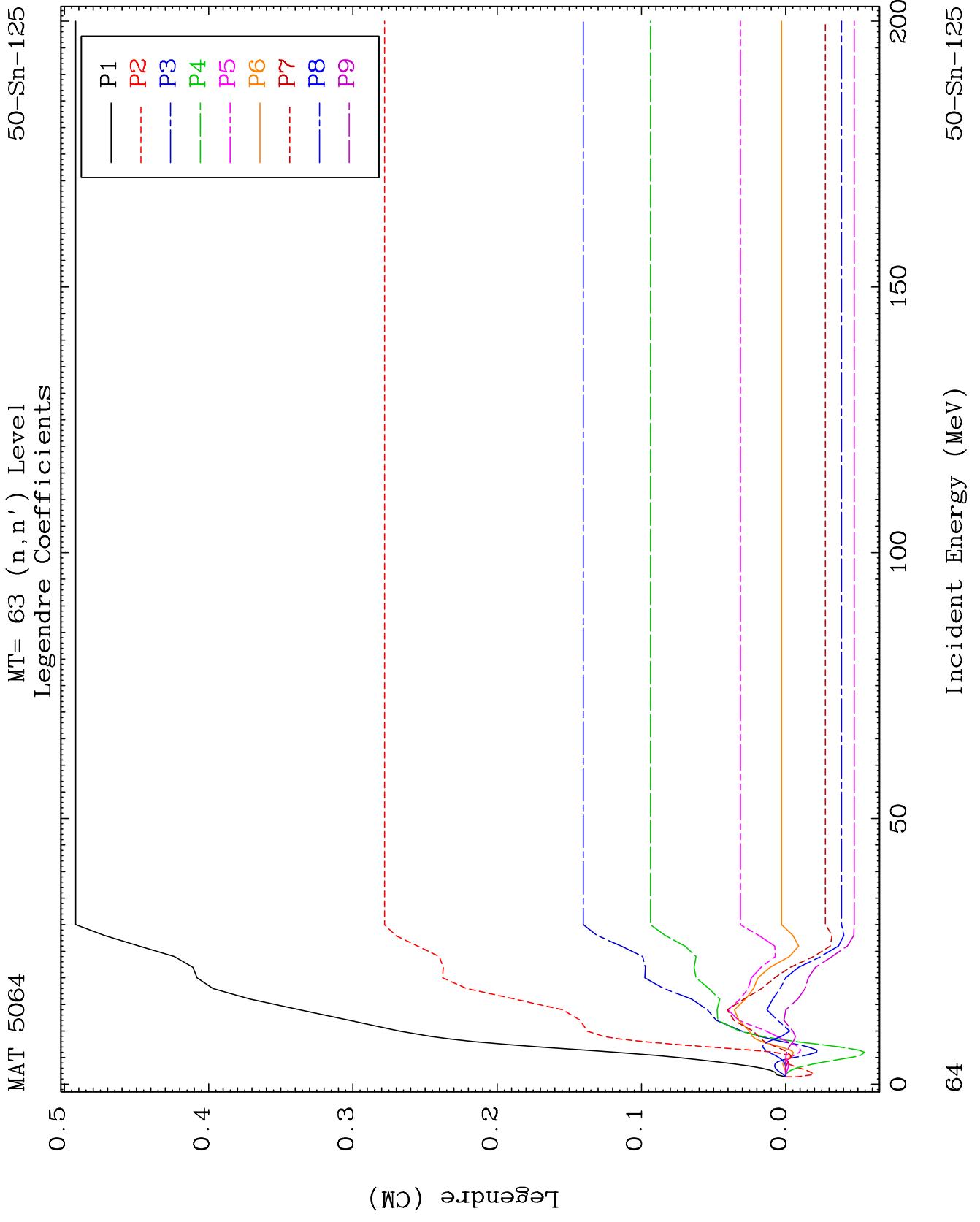


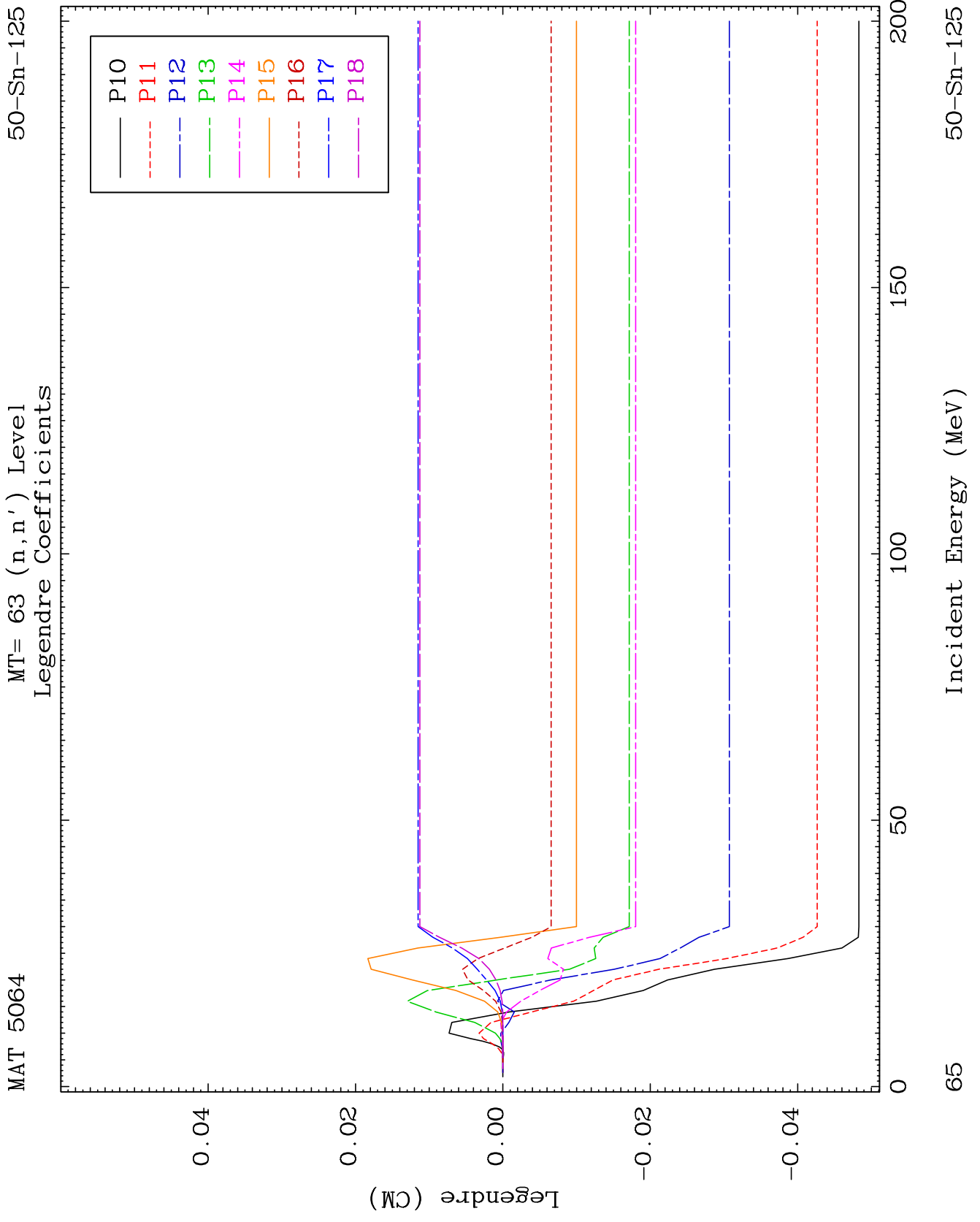
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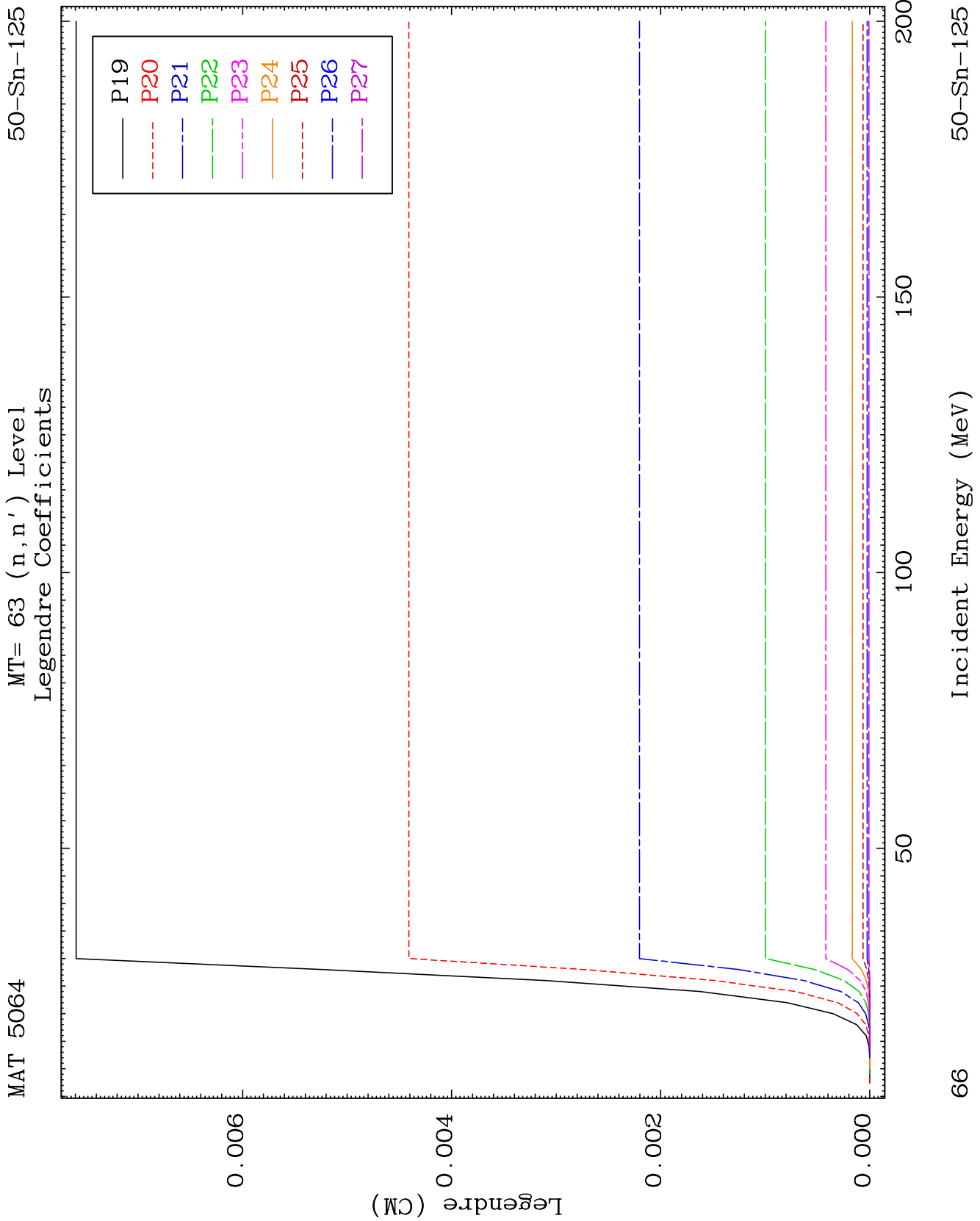
Incident Energy (MeV)

50-Sn-125





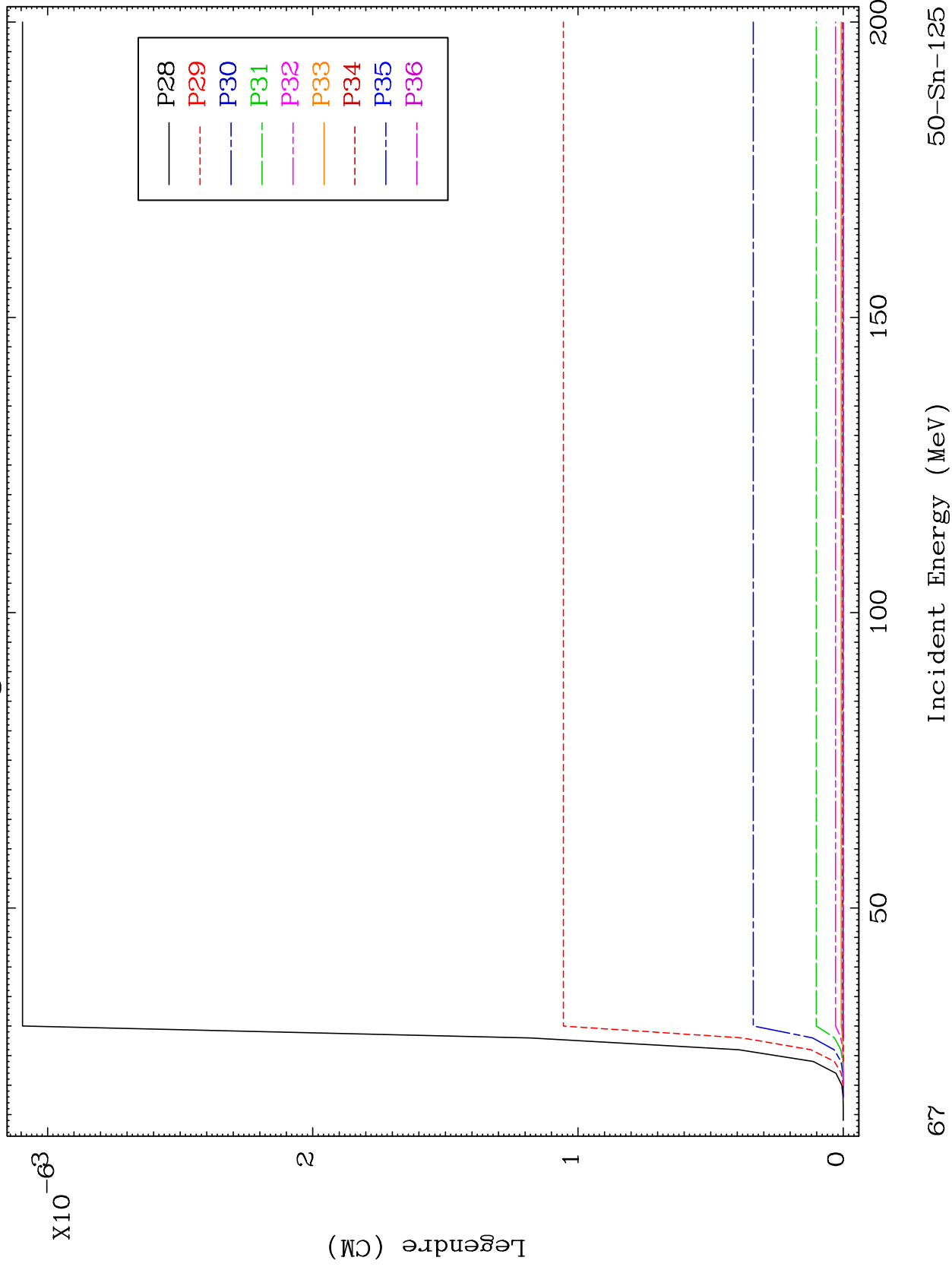


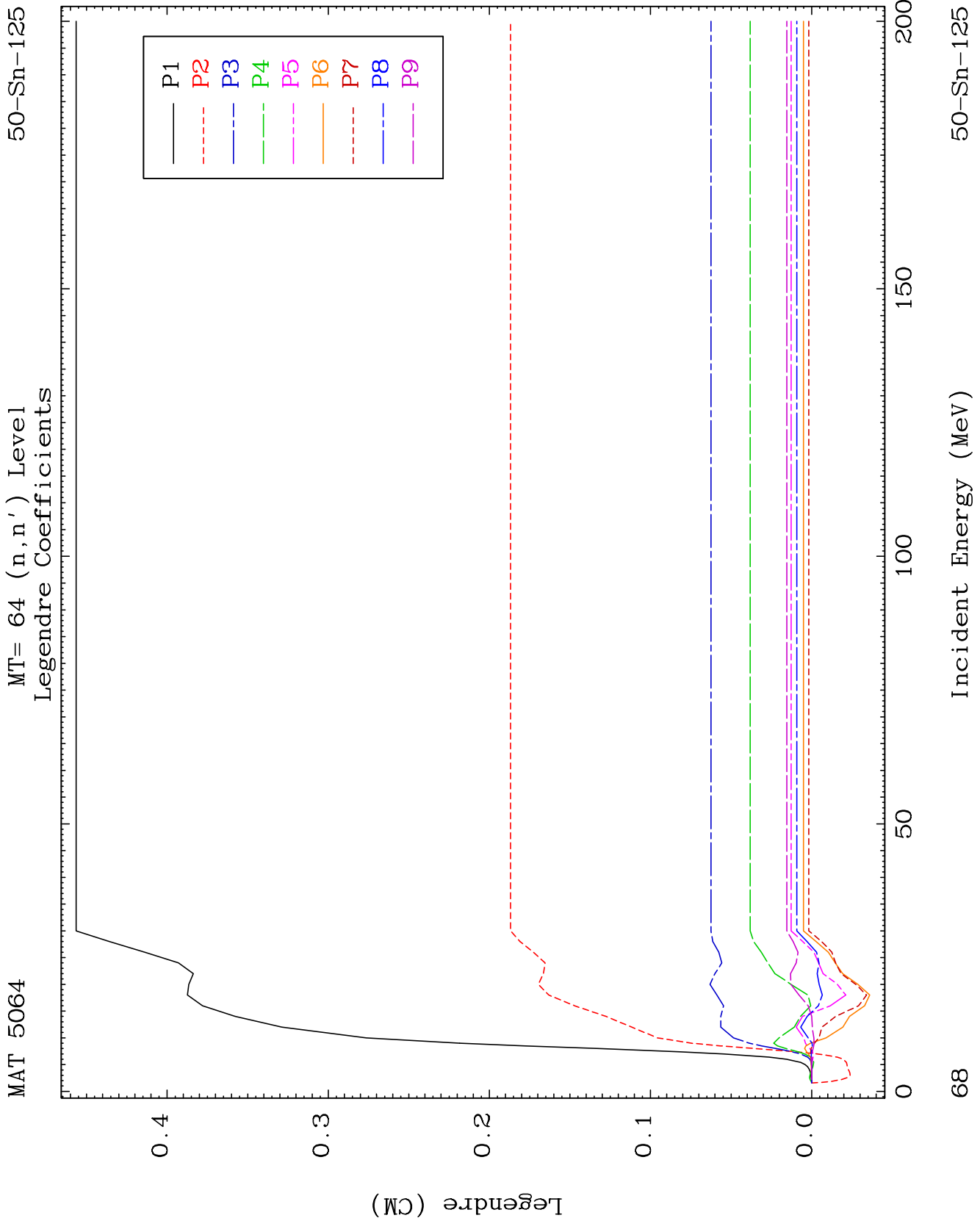


MAT 5064

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

50-Sn-125

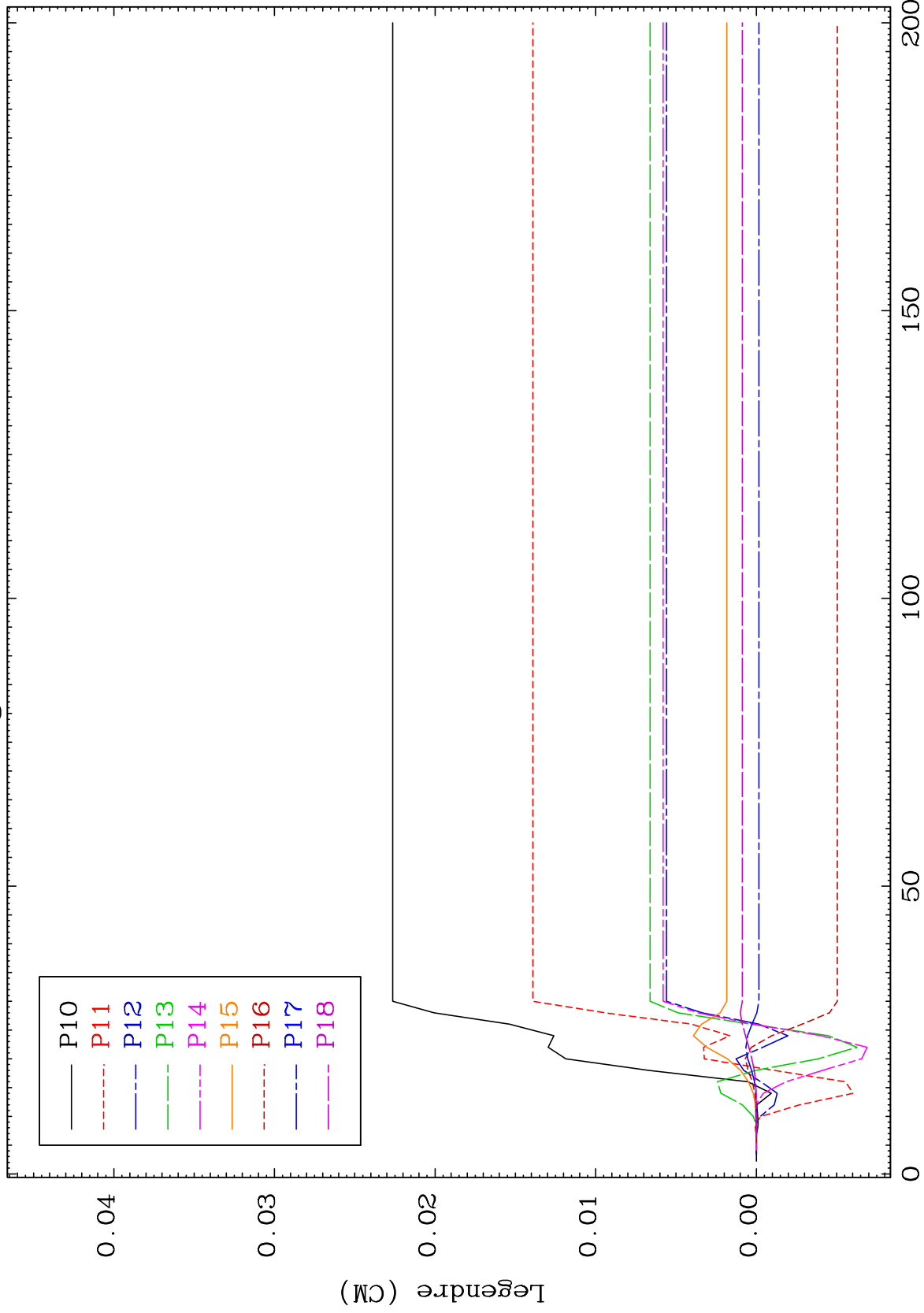




MAT 5064

50-Sn-125

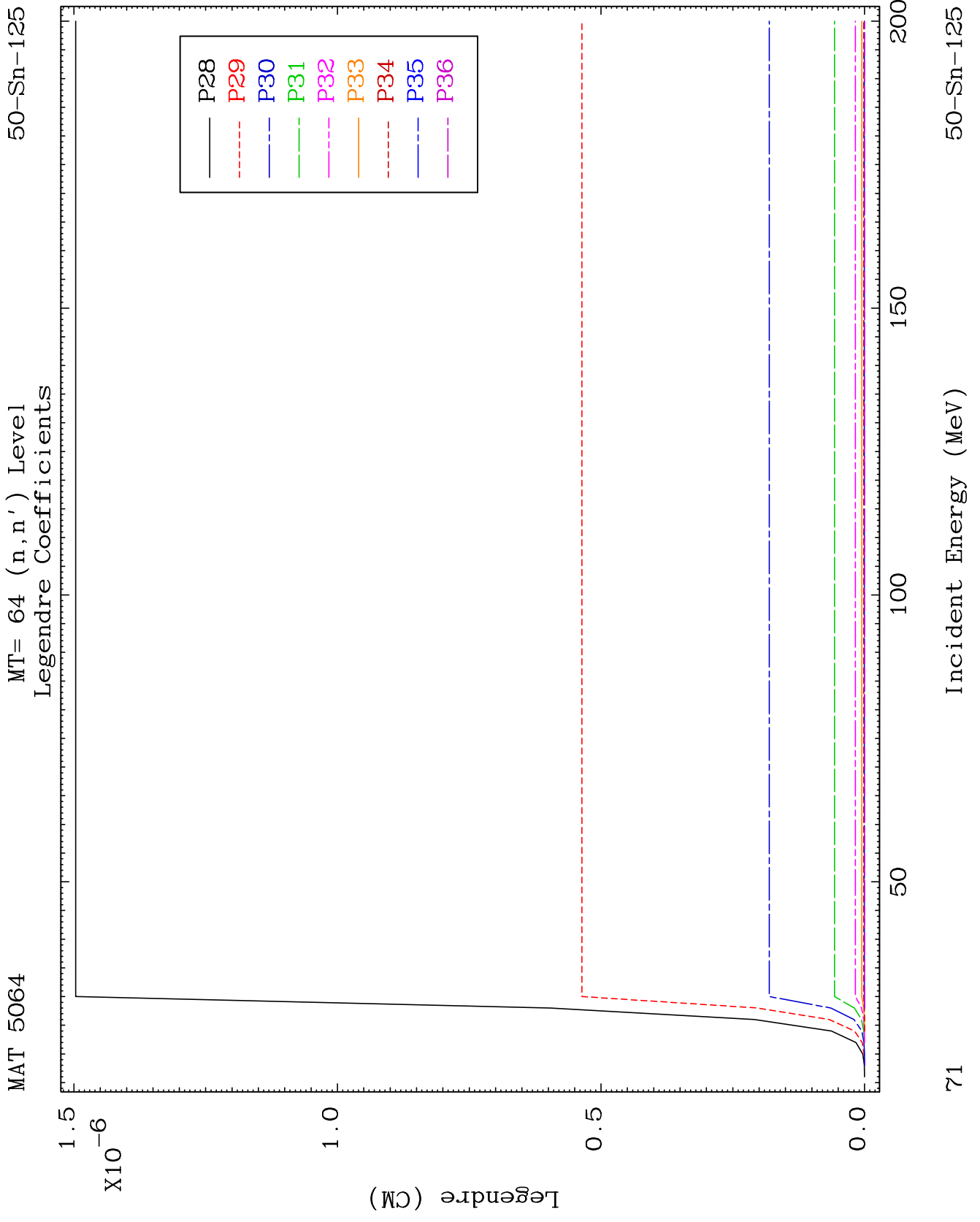
MT= 64 (n,n') Level
Legendre Coefficients



69

50-Sn-125

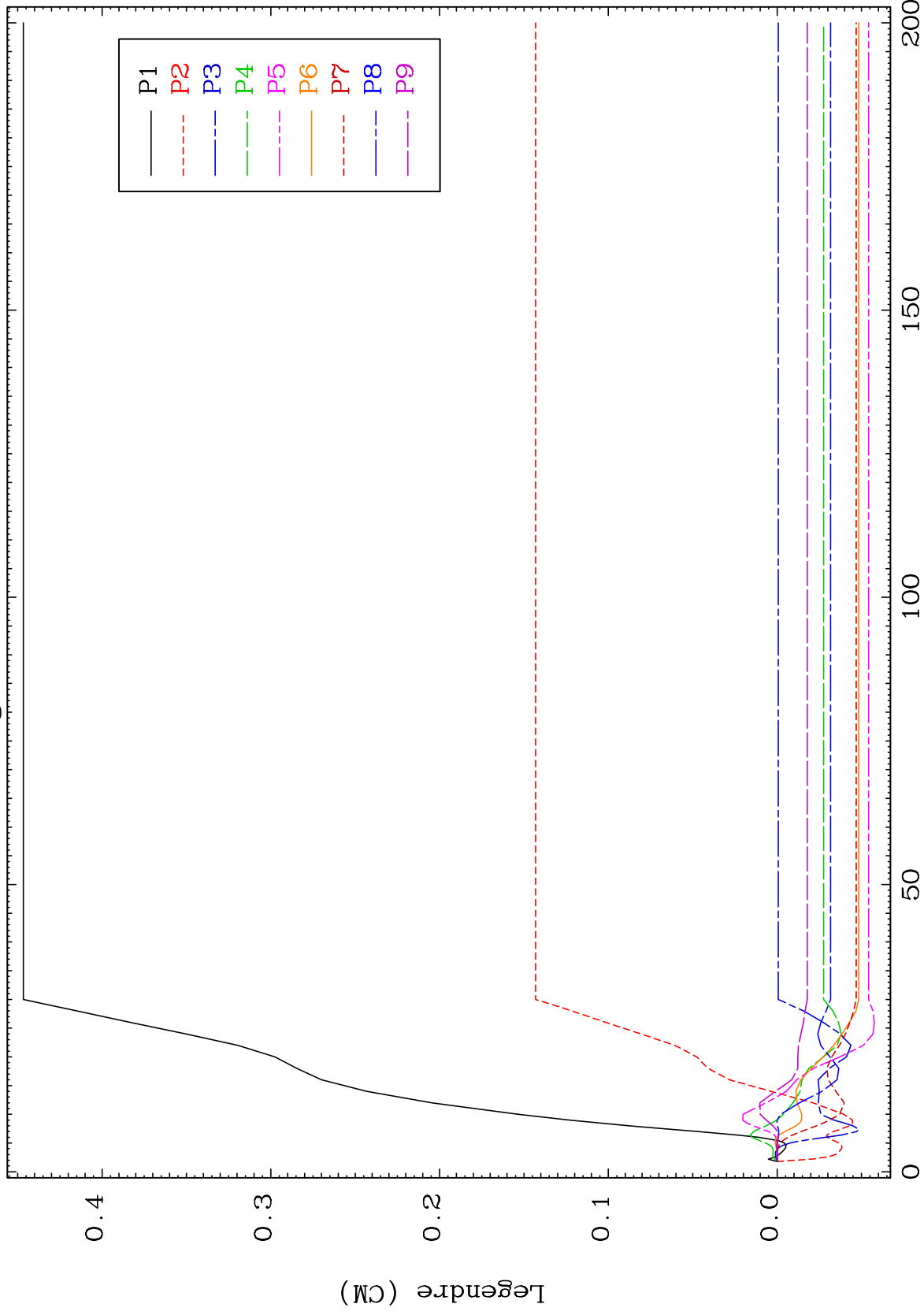
Incident Energy (MeV)



MAT 5064

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

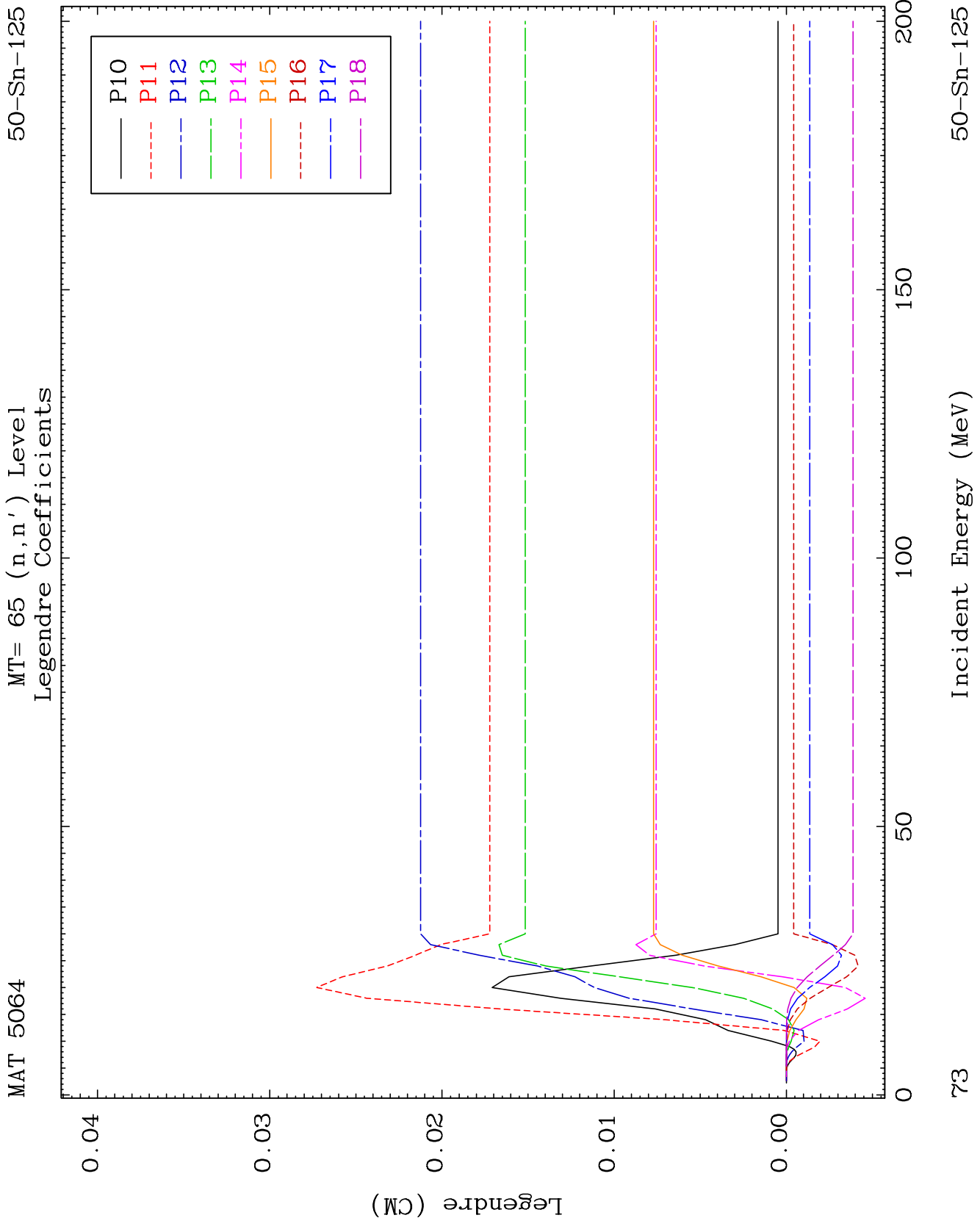
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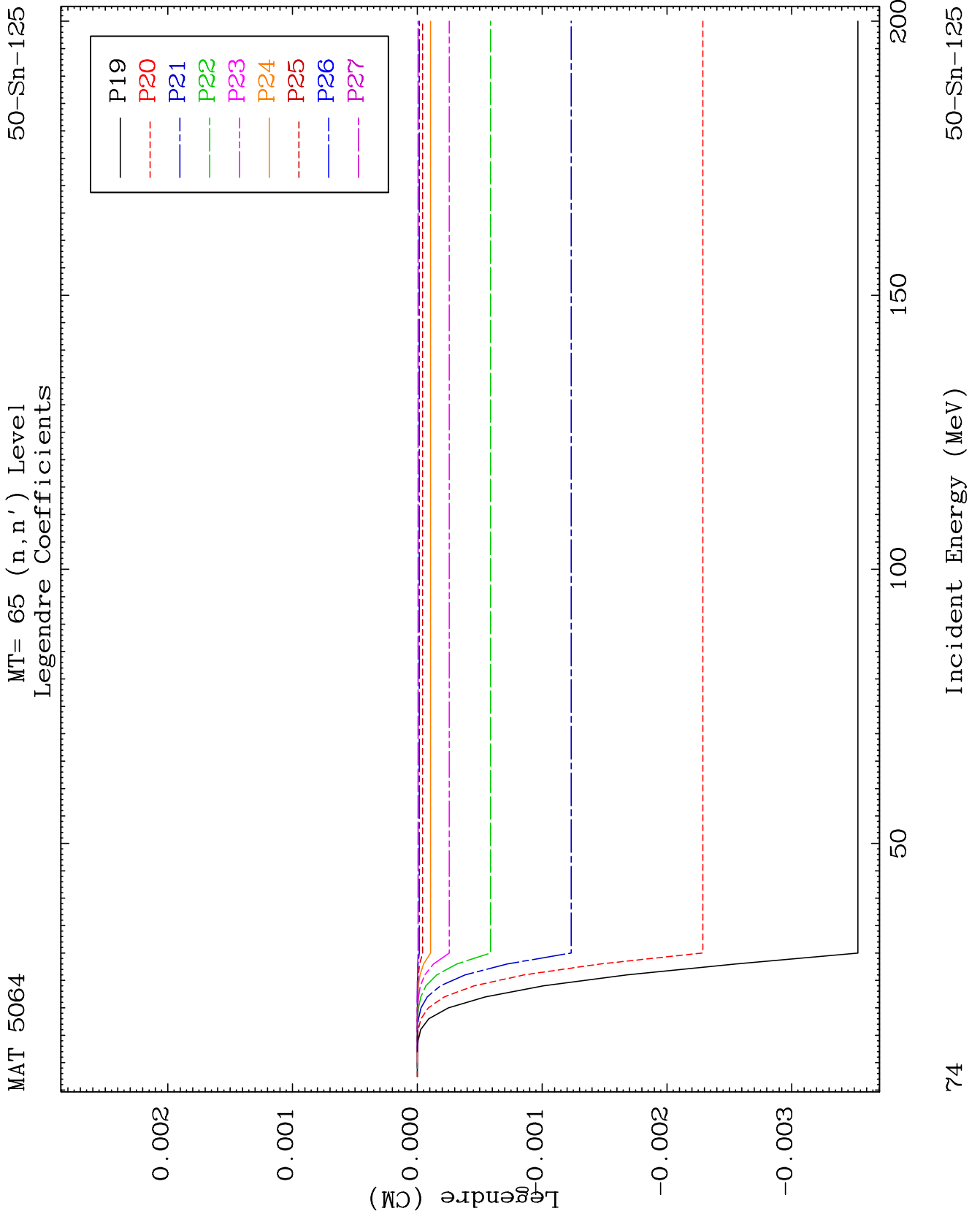


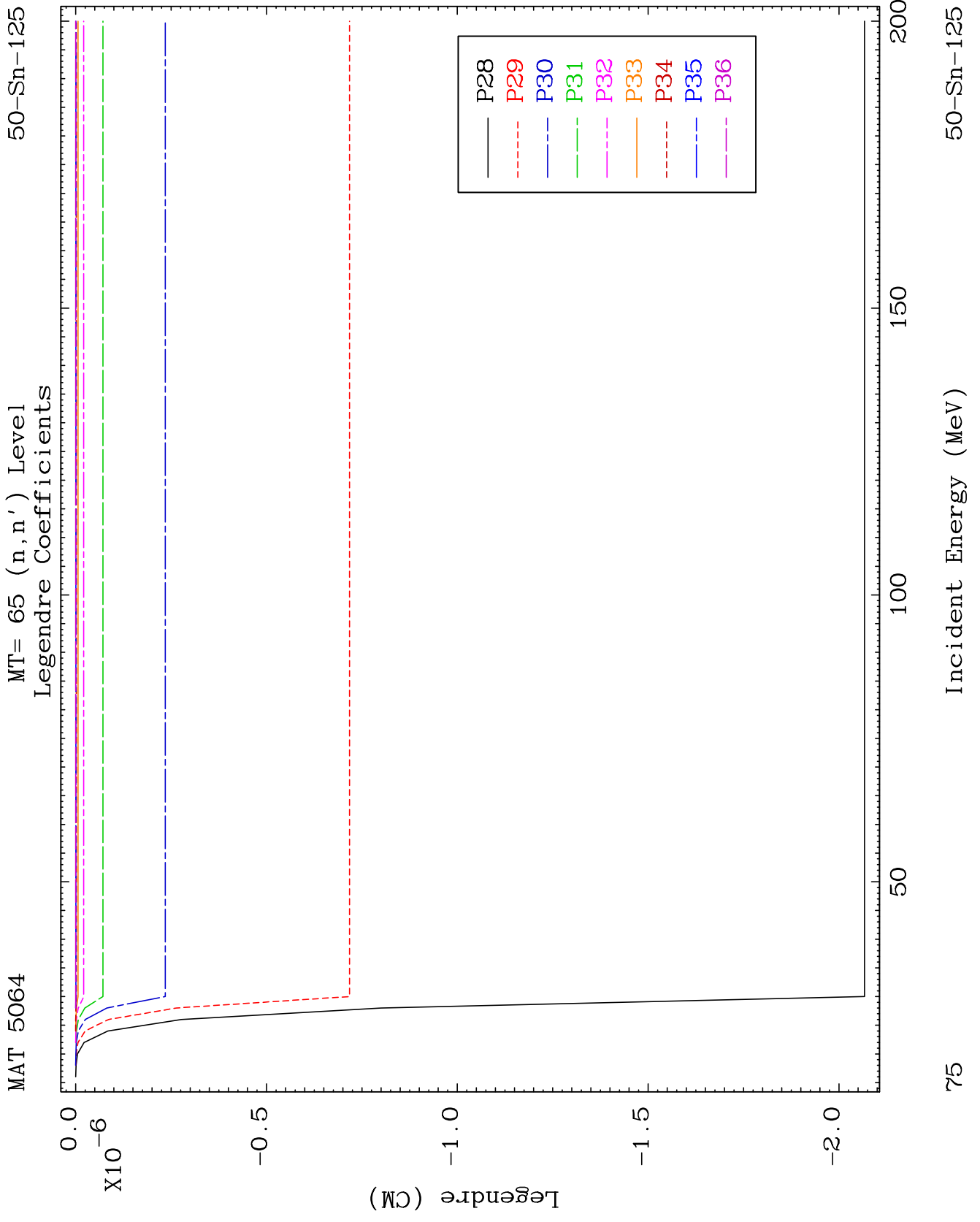
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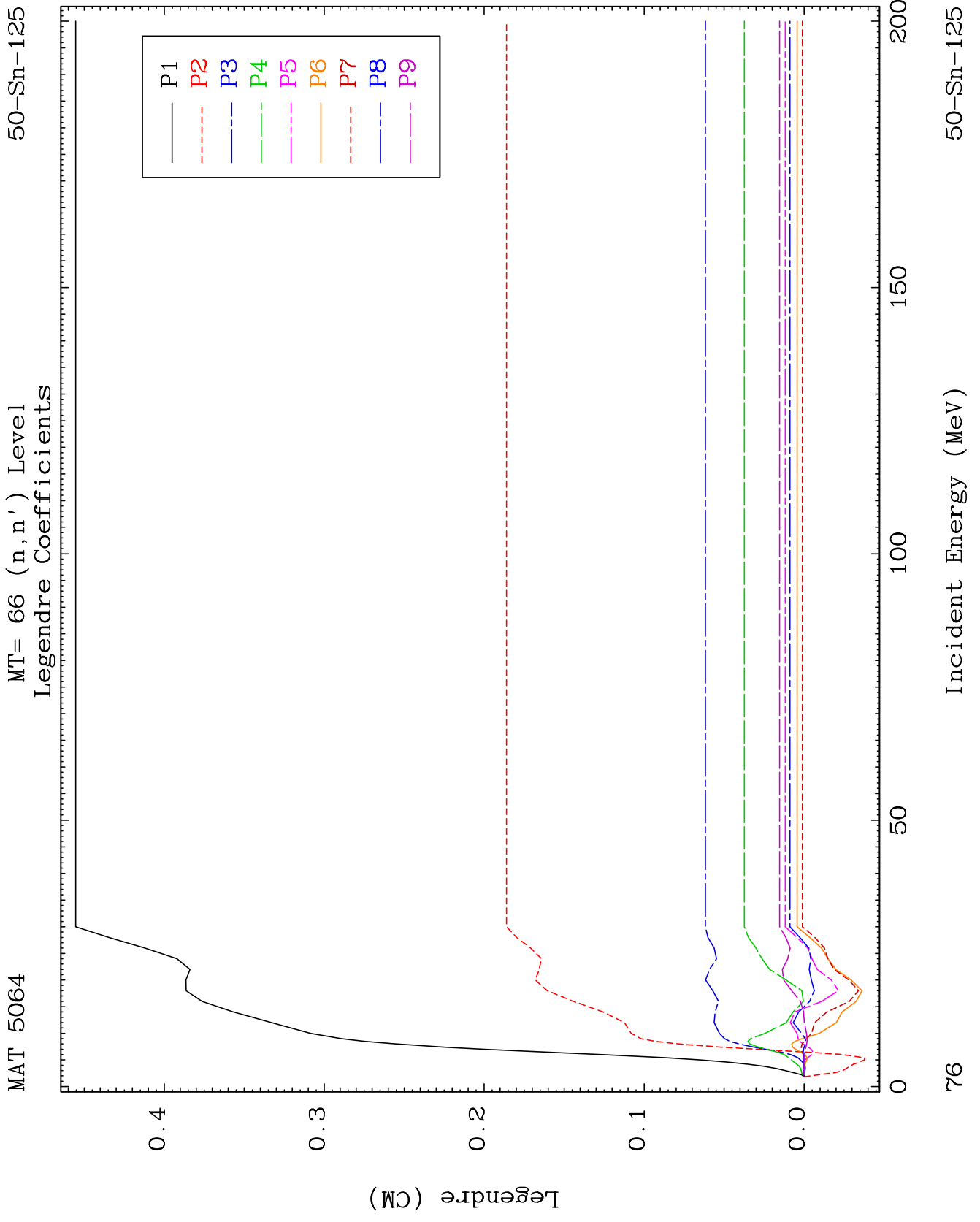
Incident Energy (MeV)

50-Sn-125





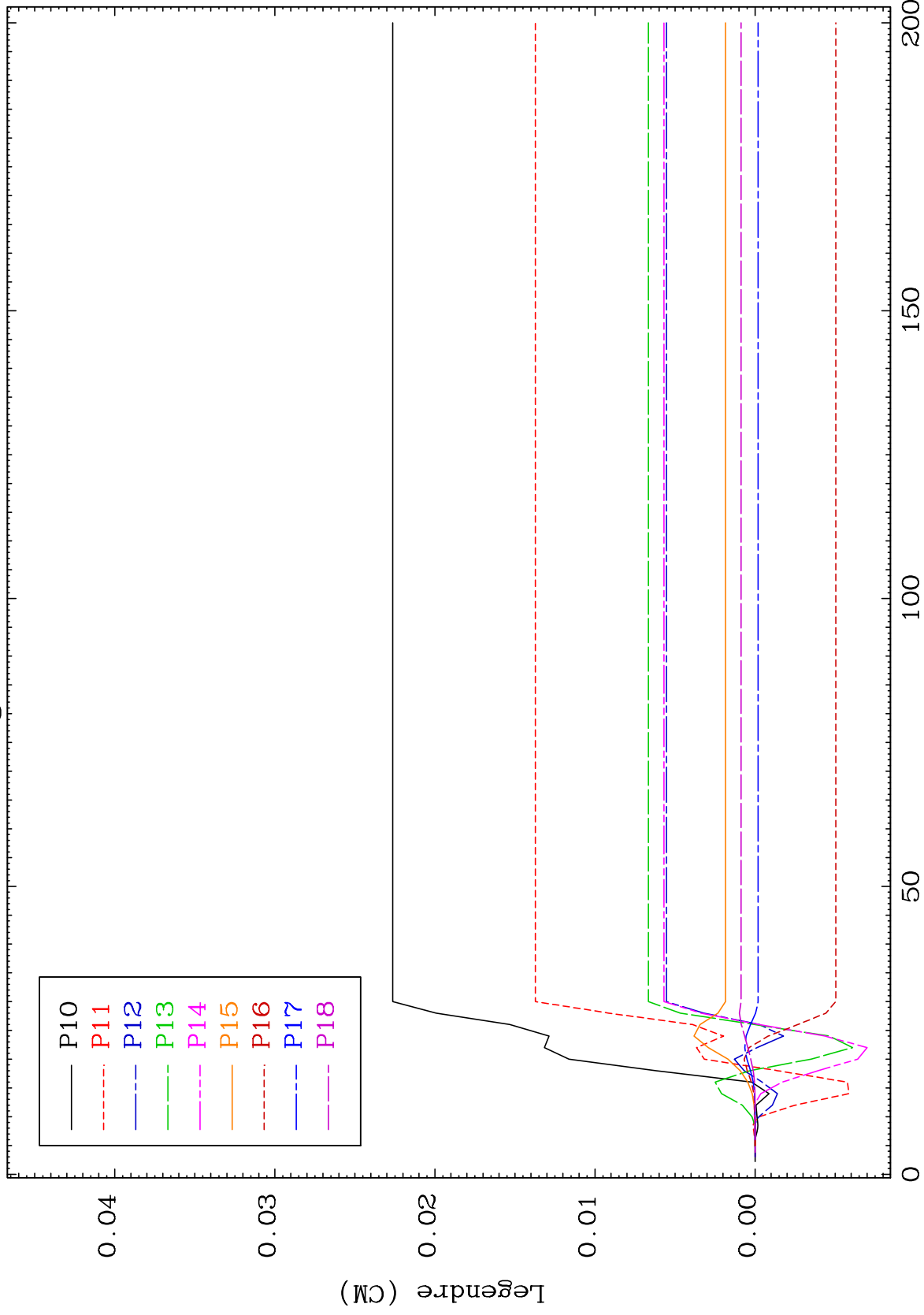




MAT 5064

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

50-Sn-125



77

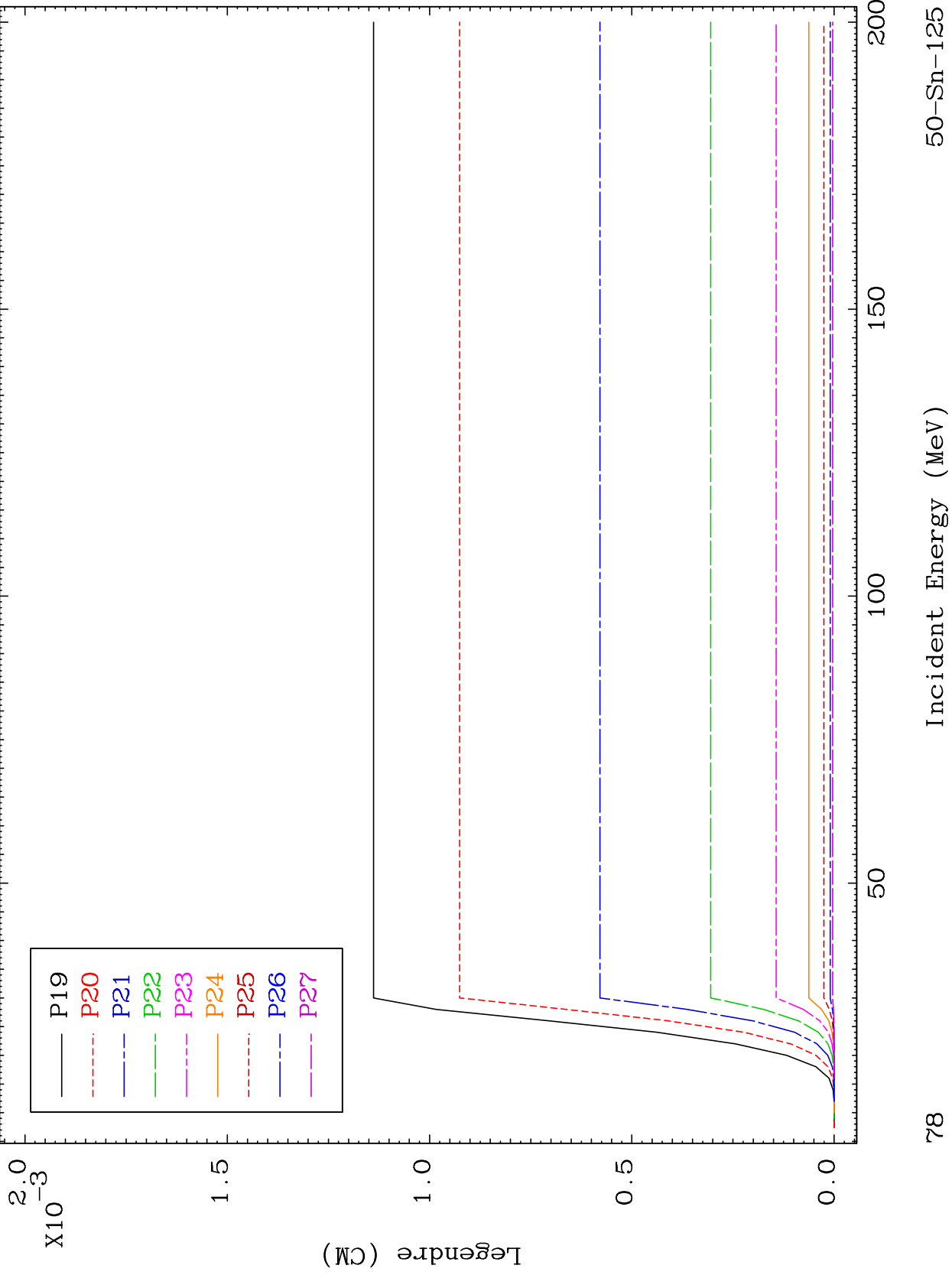
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

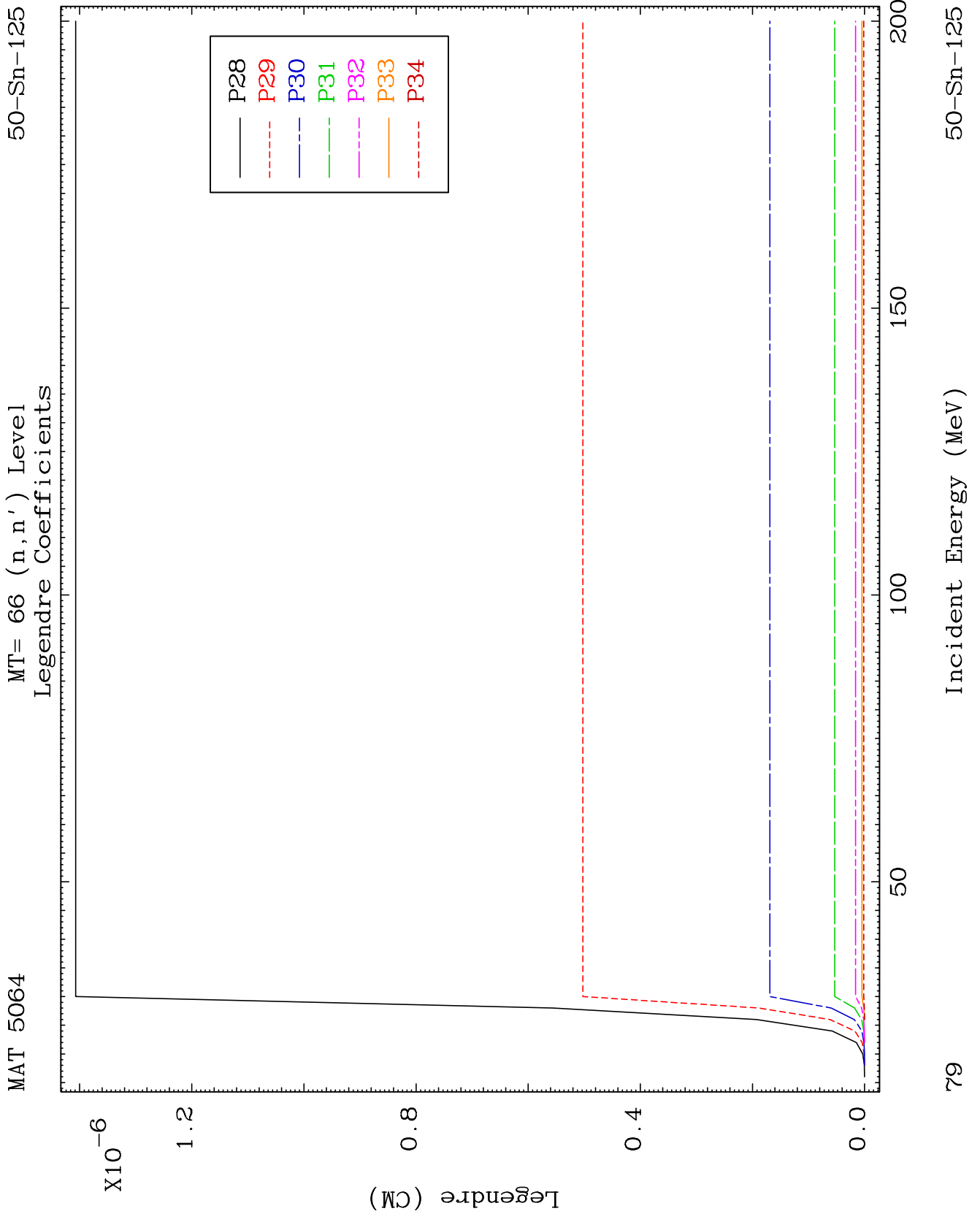
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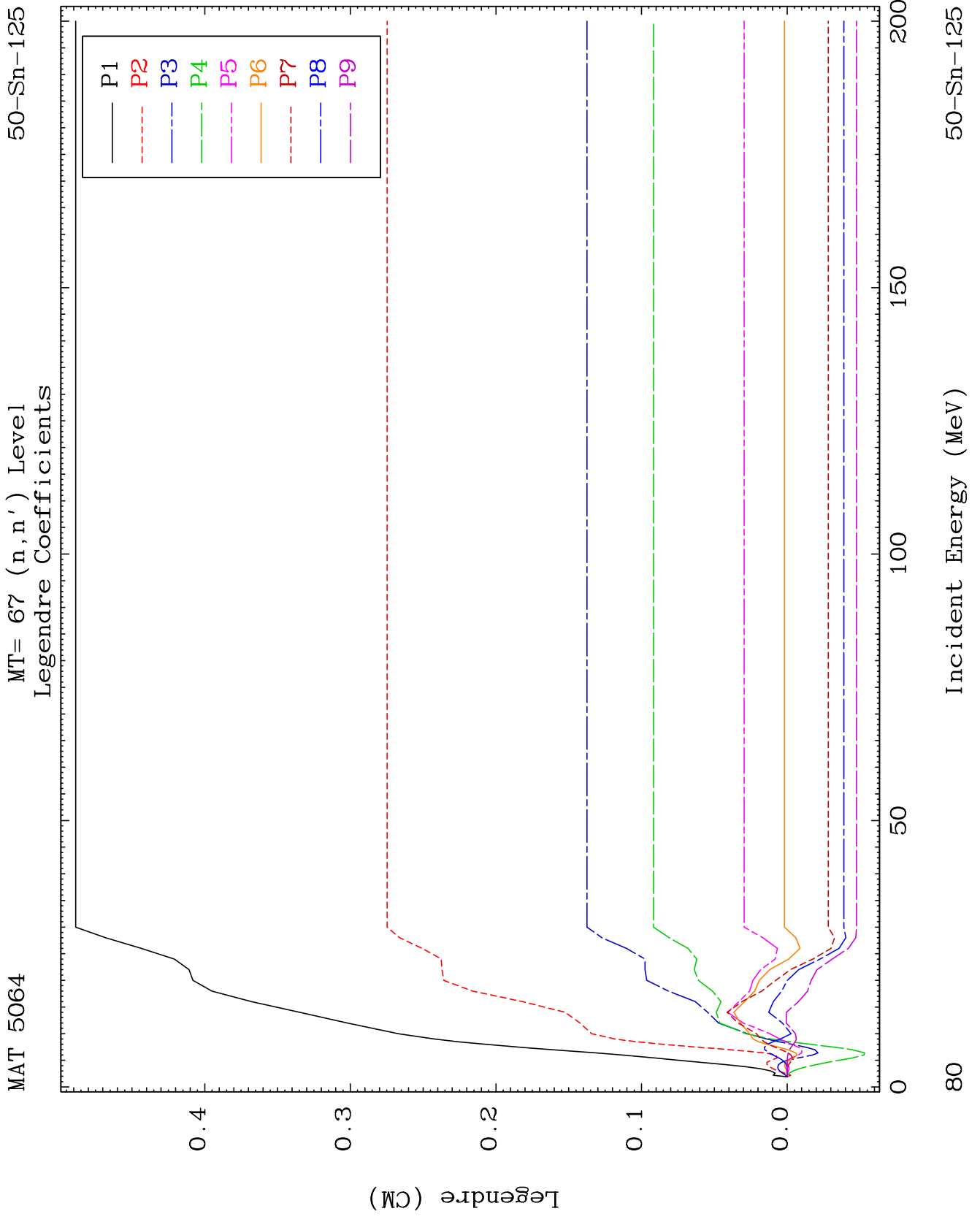


78

Incident Energy (MeV)

50-Sn-125

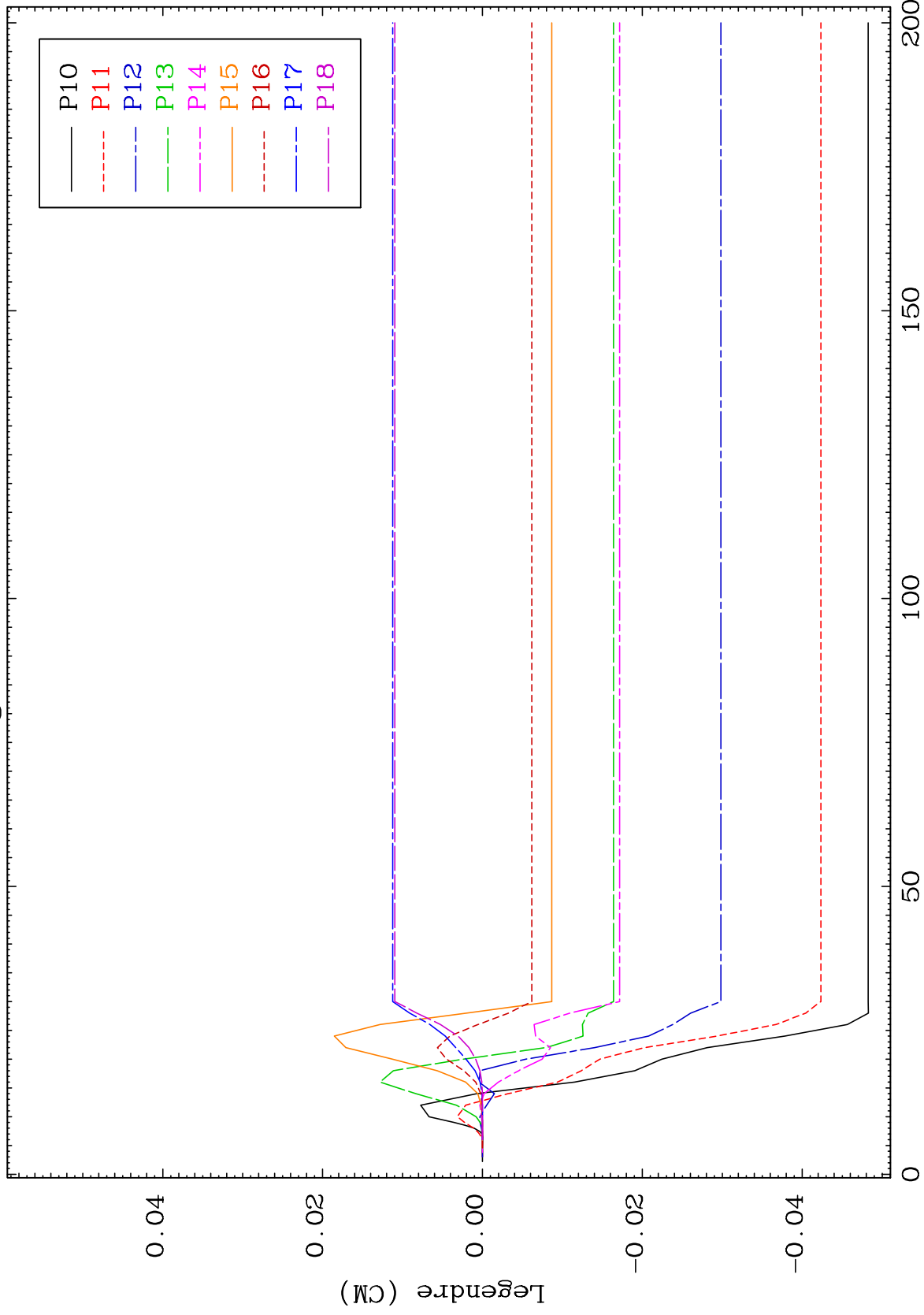




MAT 5064

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

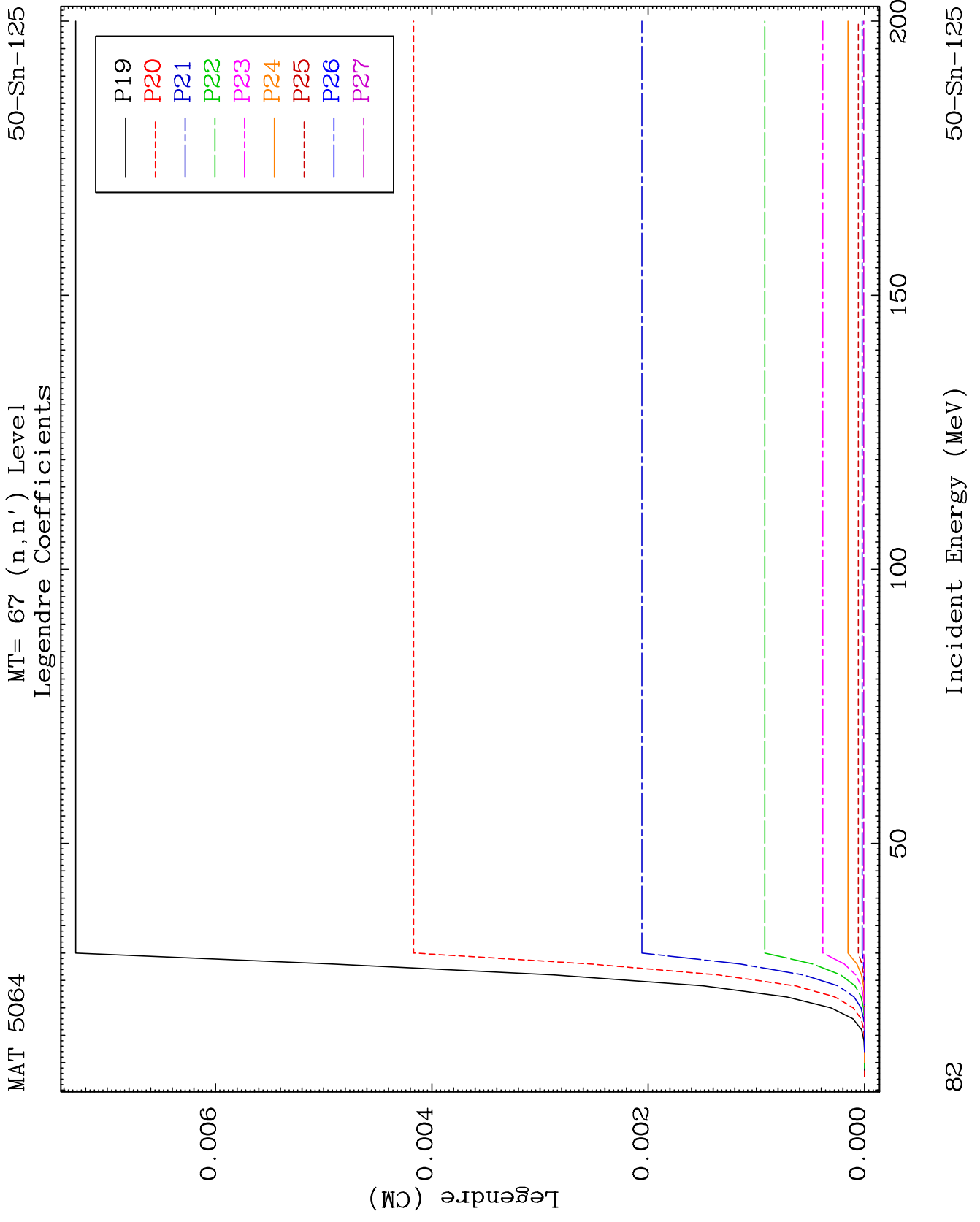
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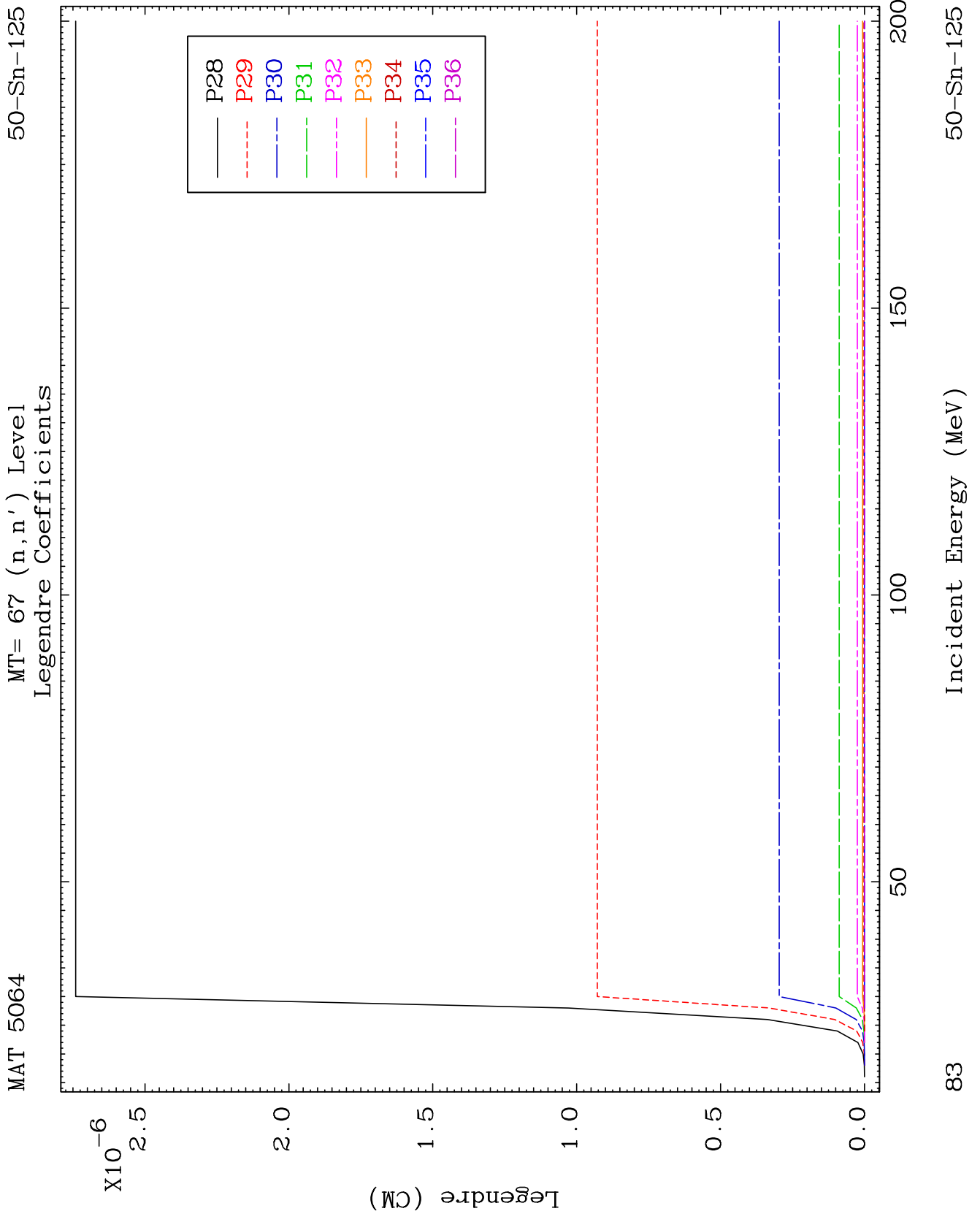


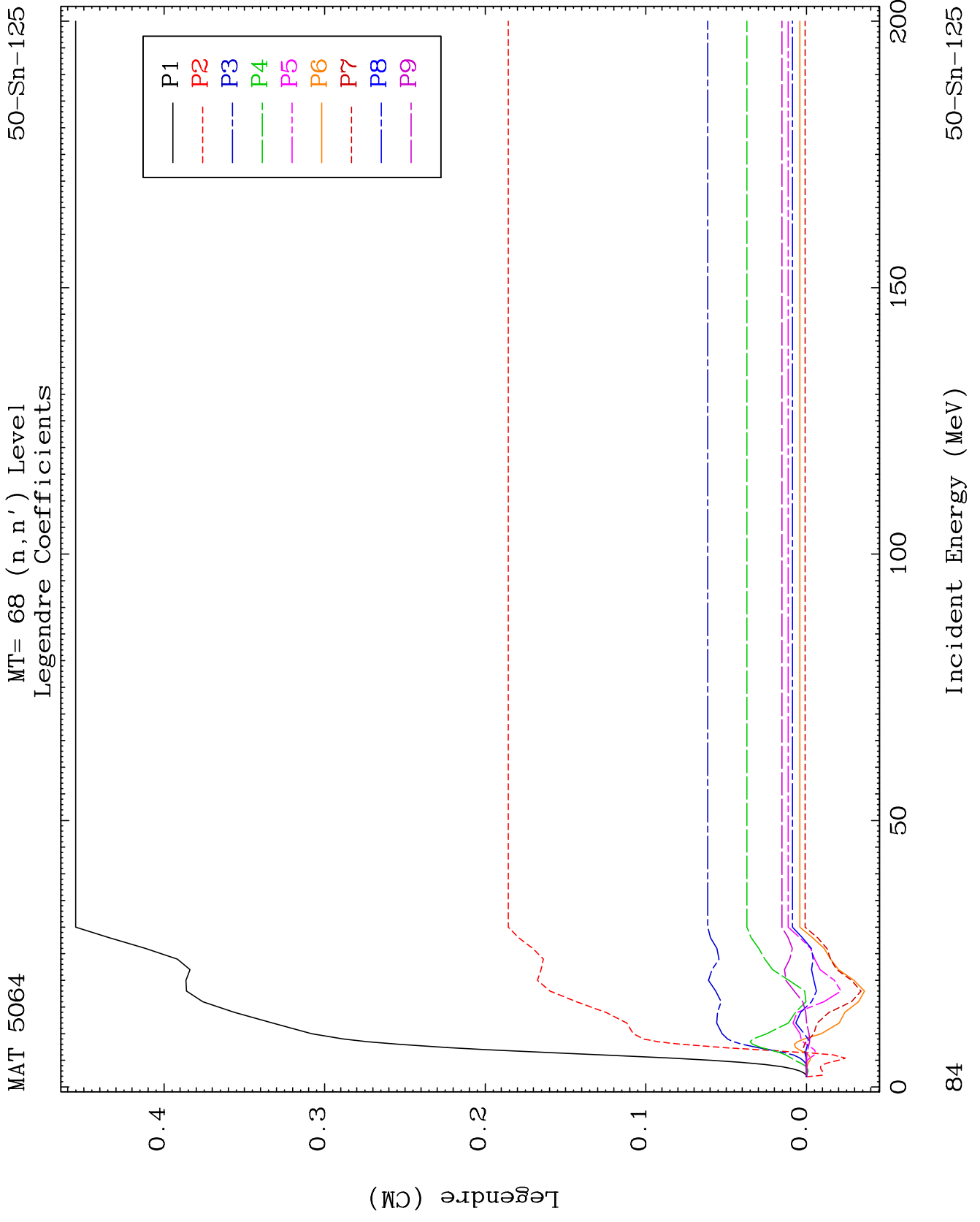
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Incident Energy (MeV)

50-Sn-125



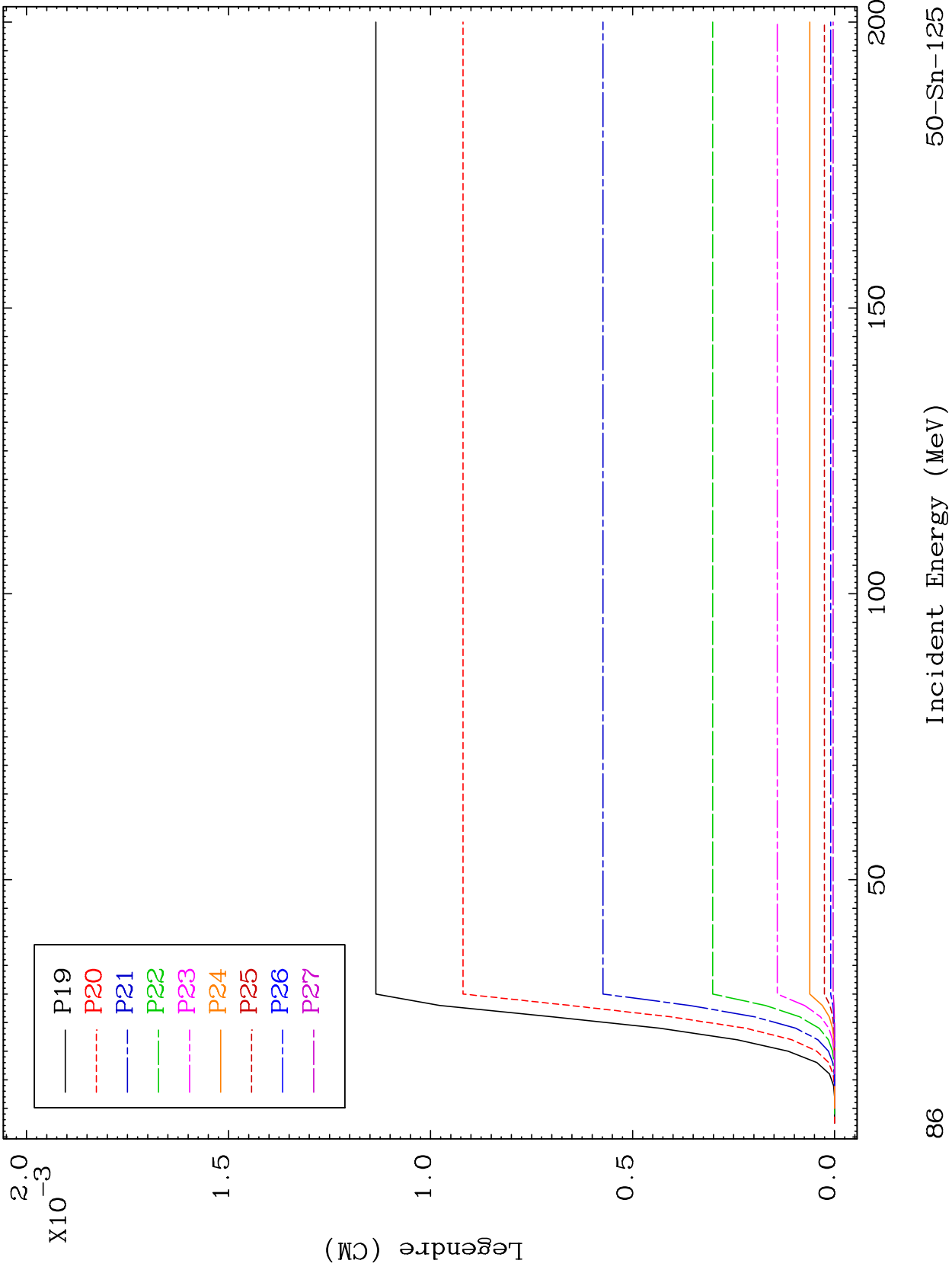


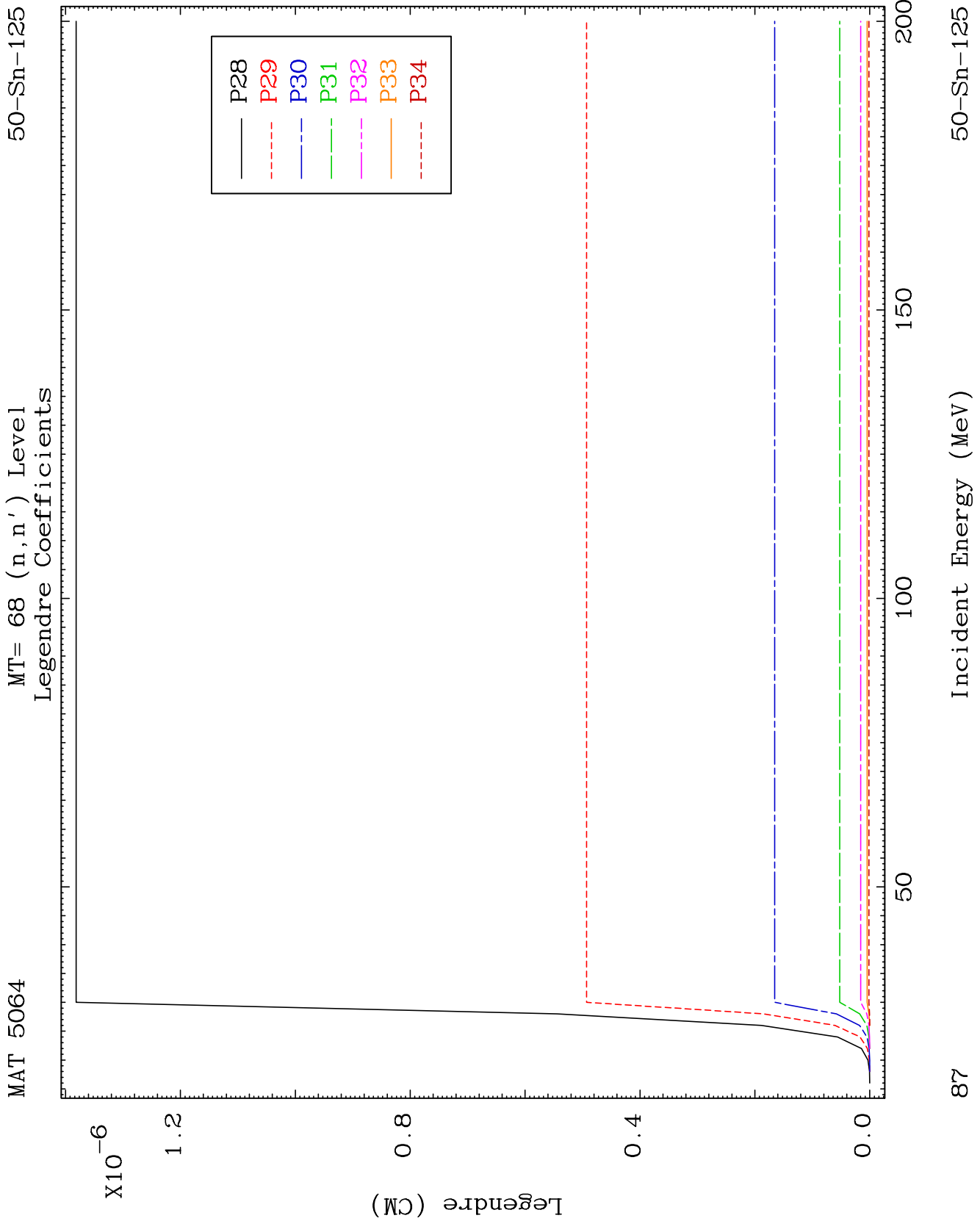


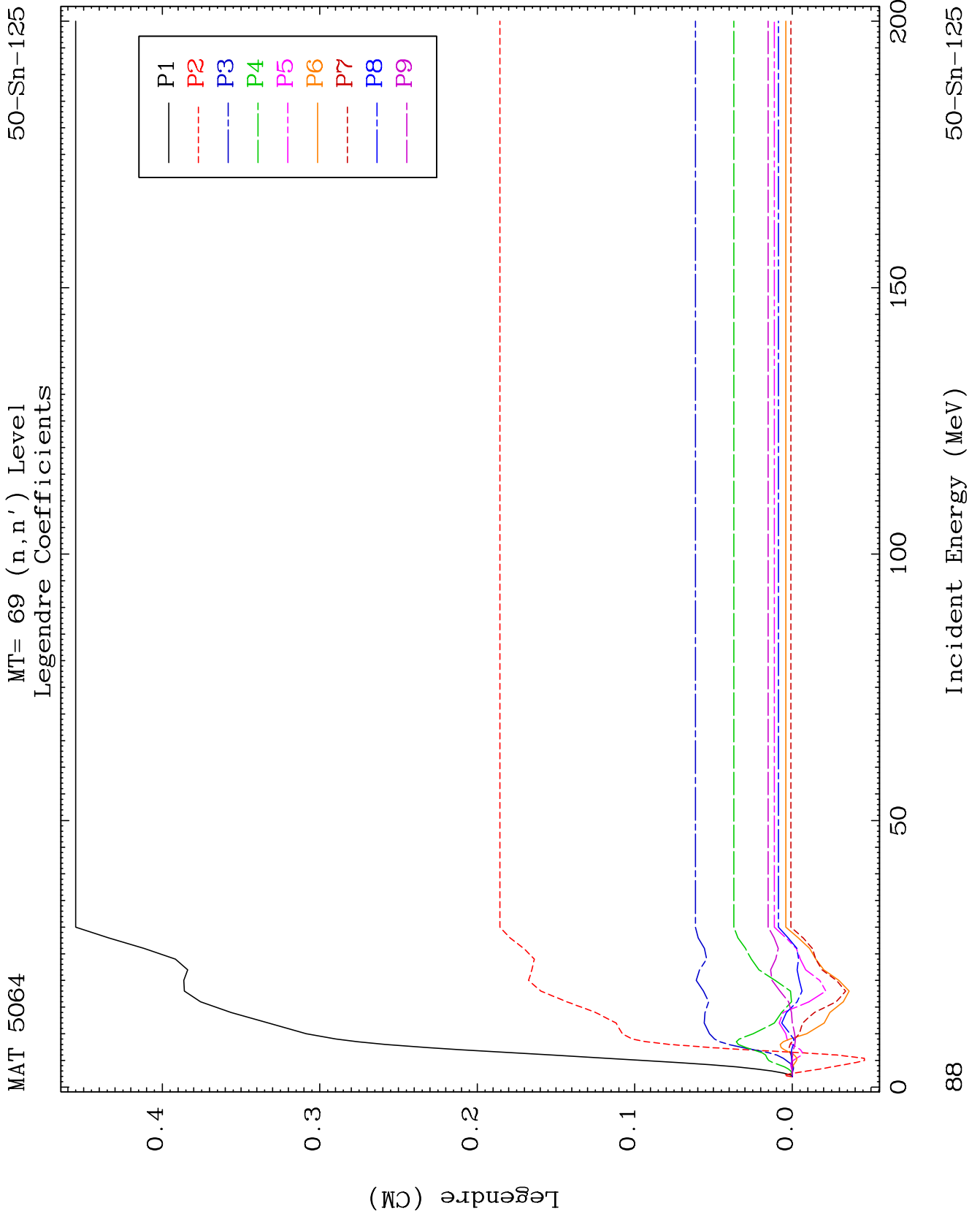
MAT 5064

MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-125



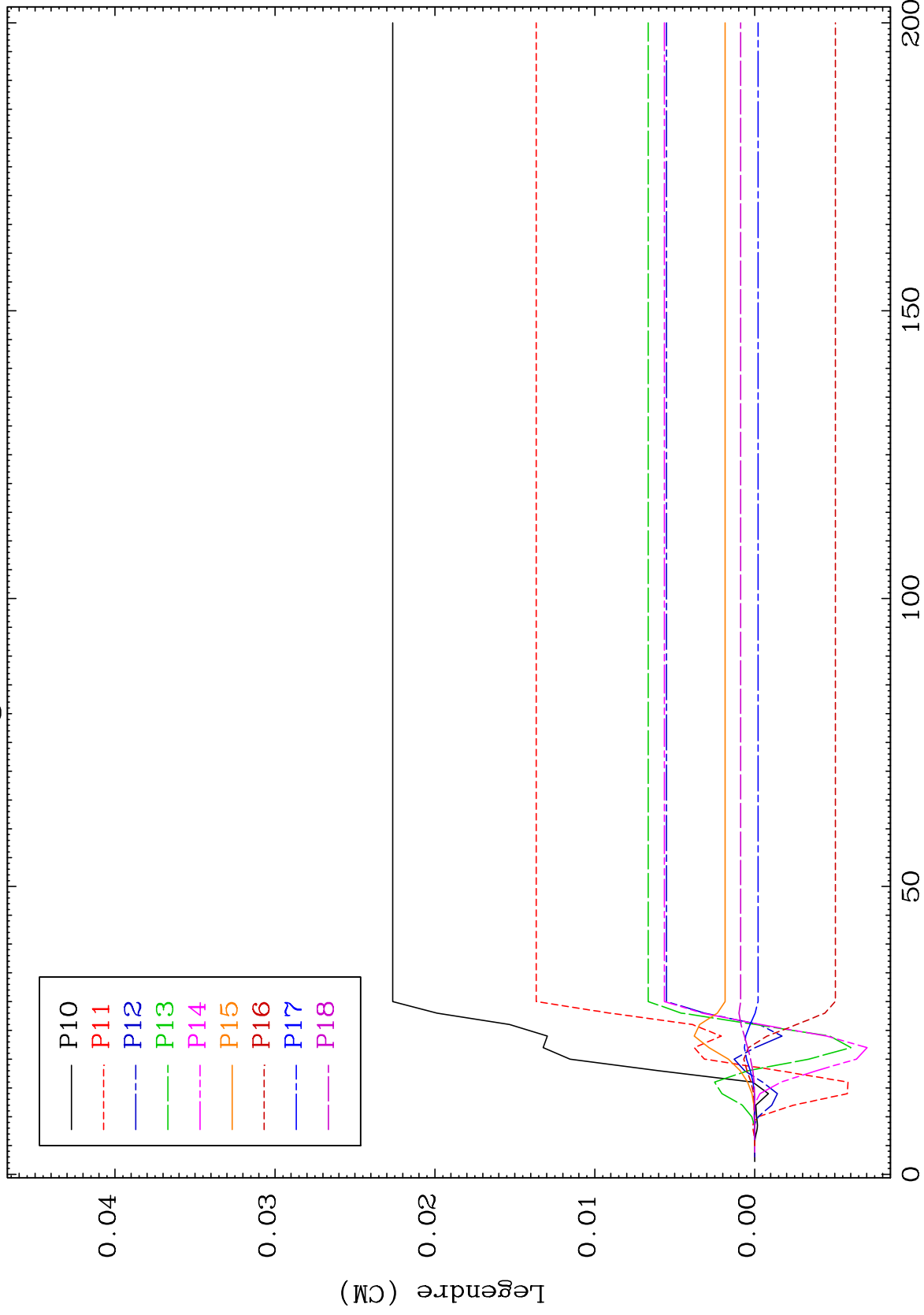




MAT 5064

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

50-Sn-125



89

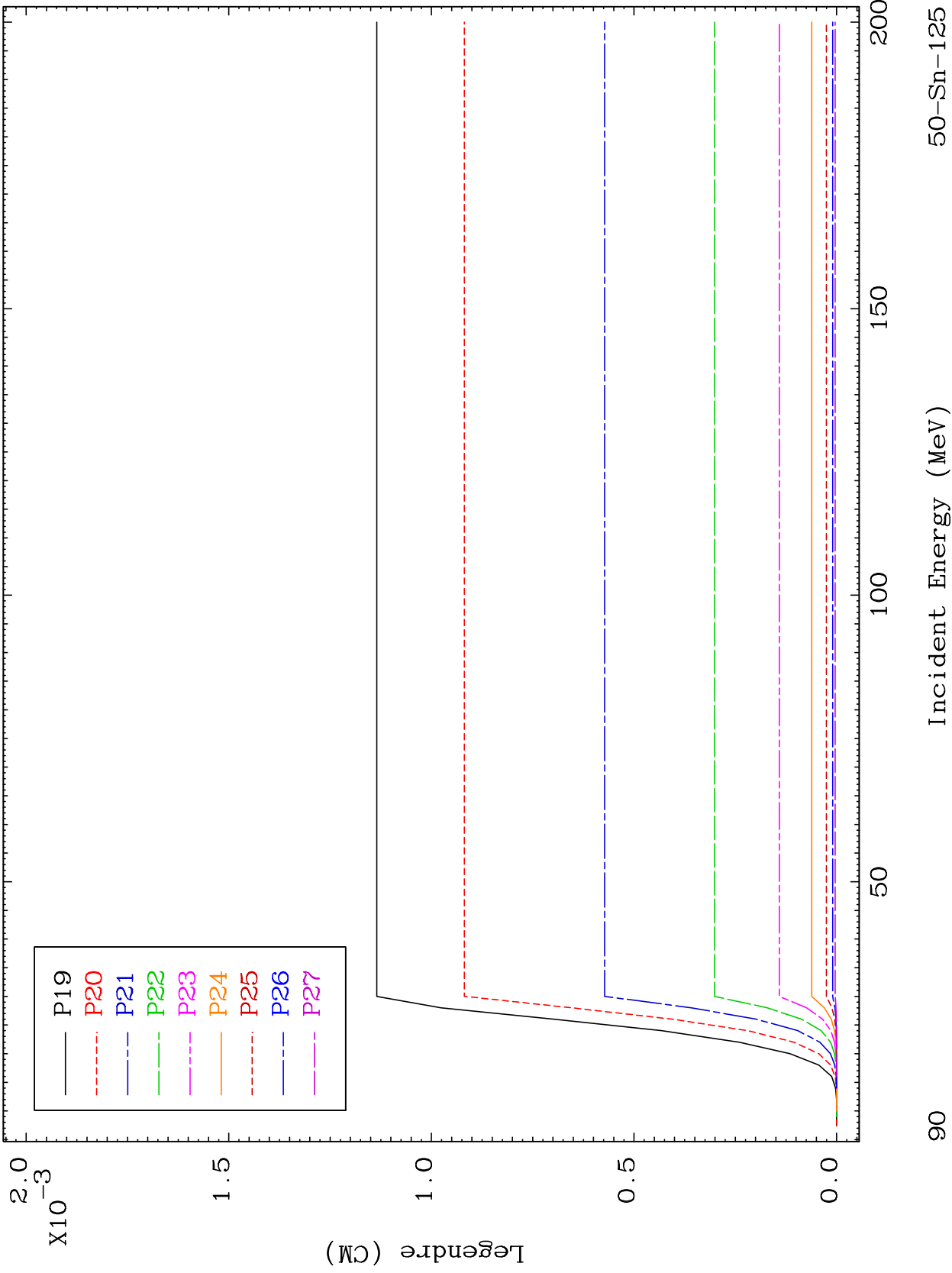
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

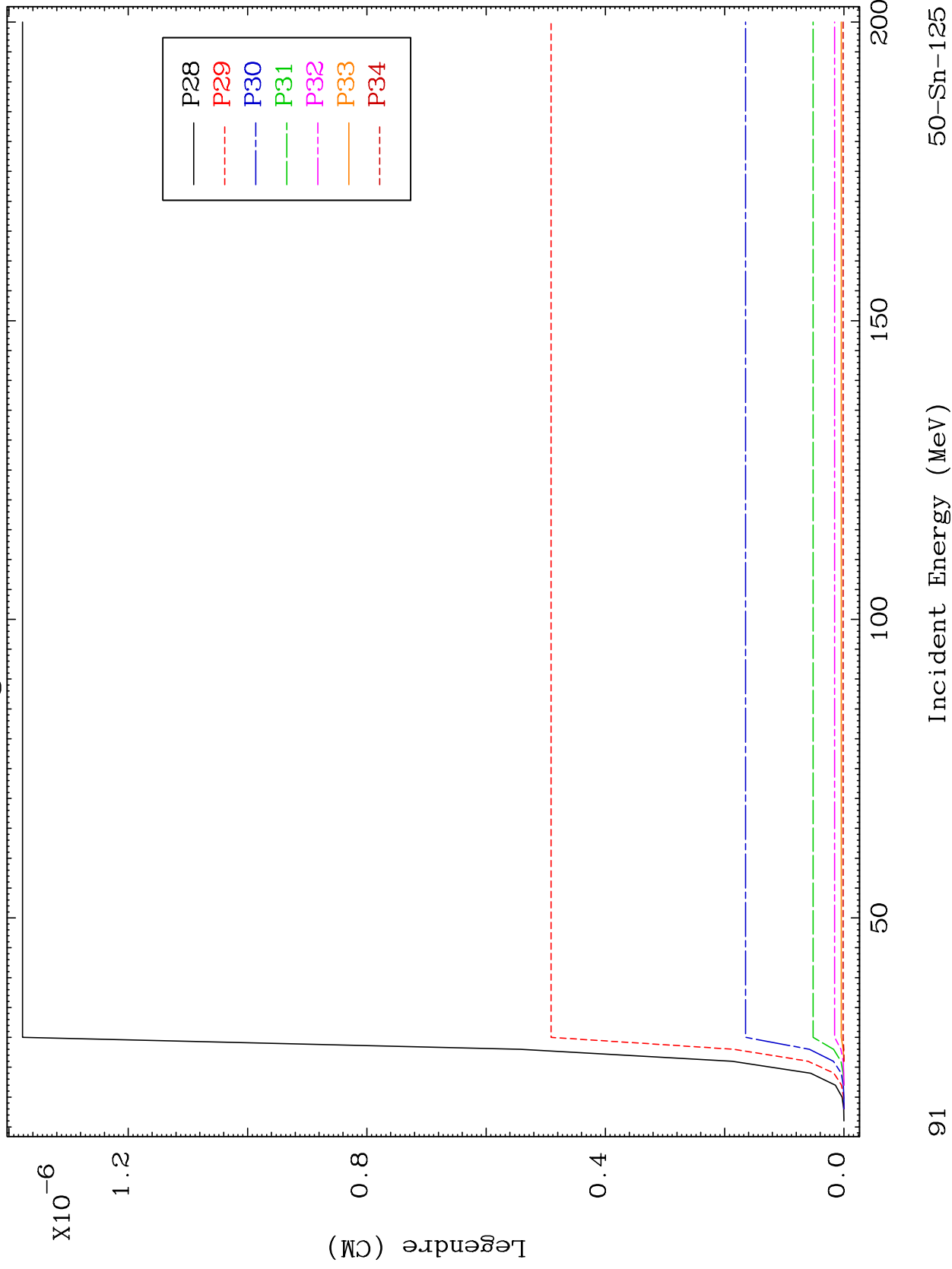
50-Sn-125



MAT 5064

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

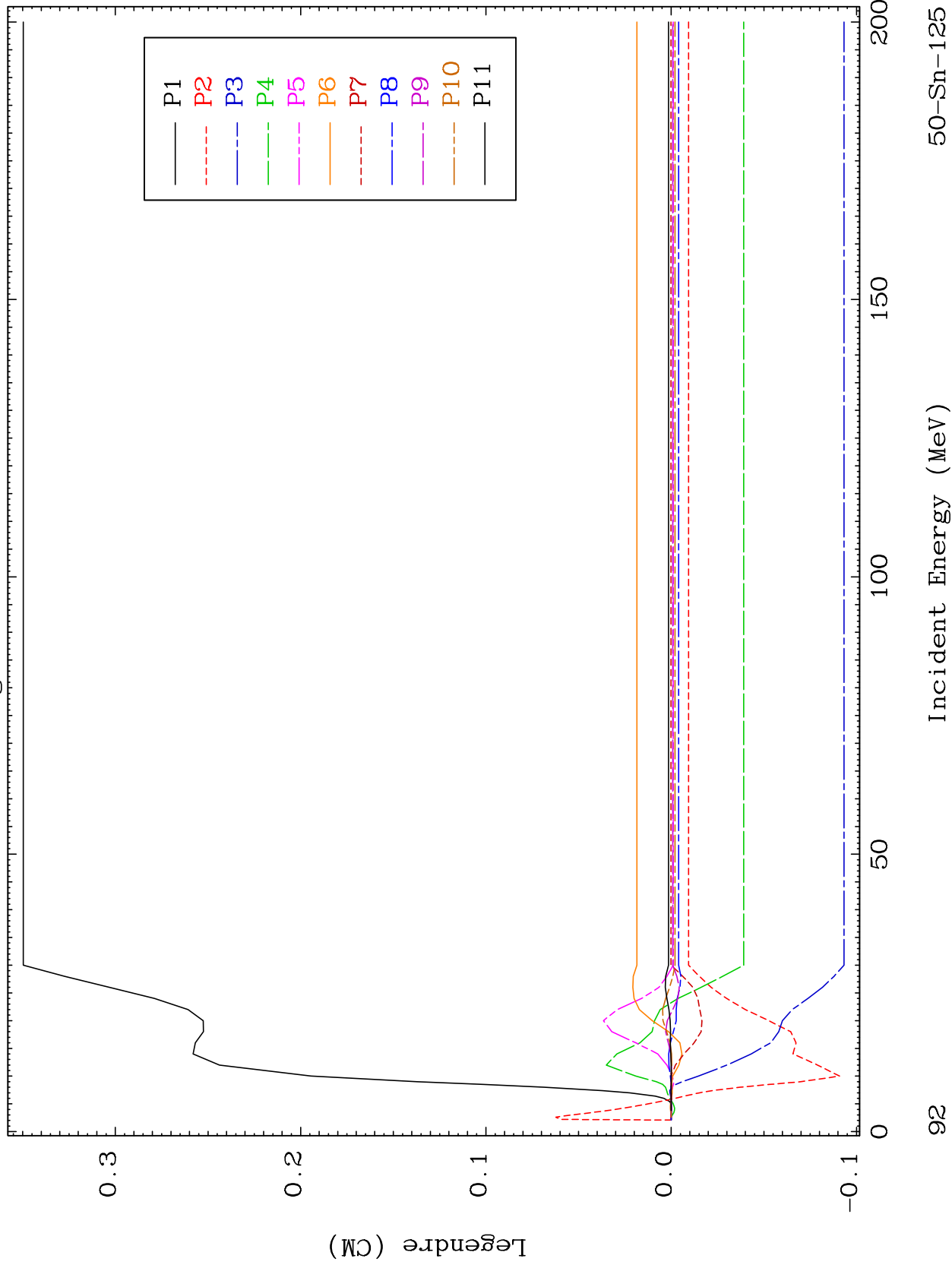
50-Sn-125



MAT 5064

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

50-Sn-125



92

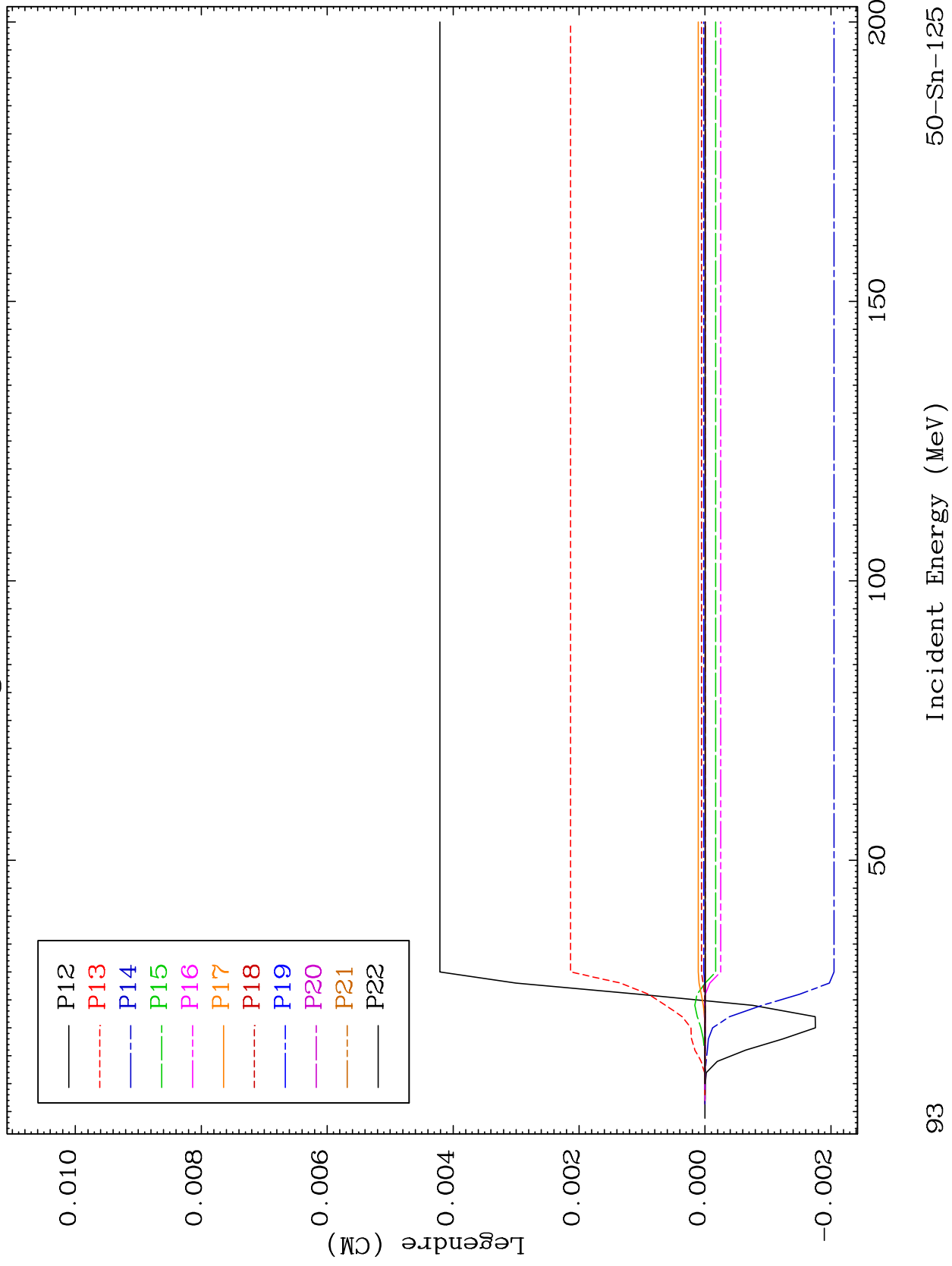
Incident Energy (MeV)

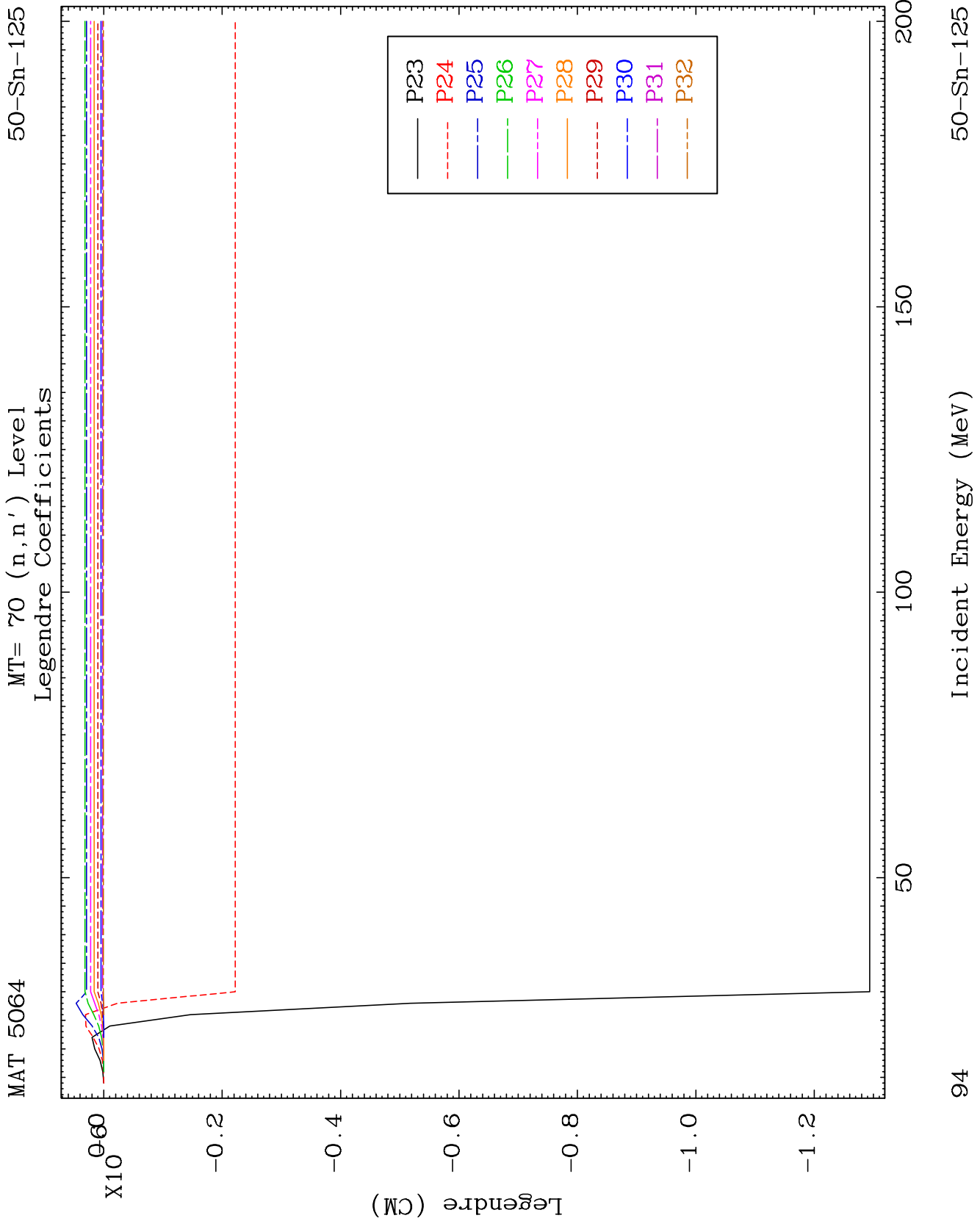
50-Sn-125

MAT 5064

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

50-Sn-125

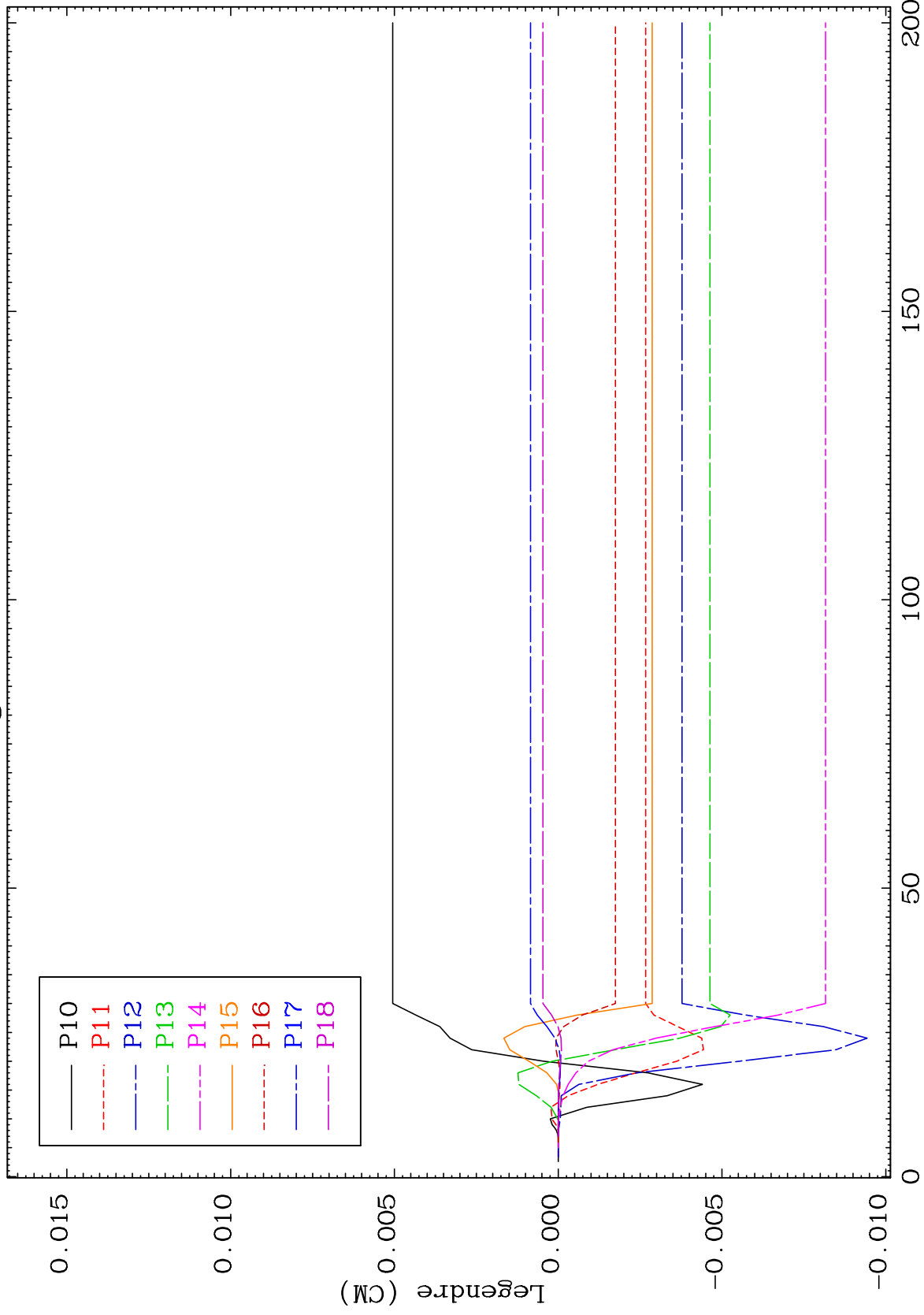




MAT 5064

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

50-Sn-125



96

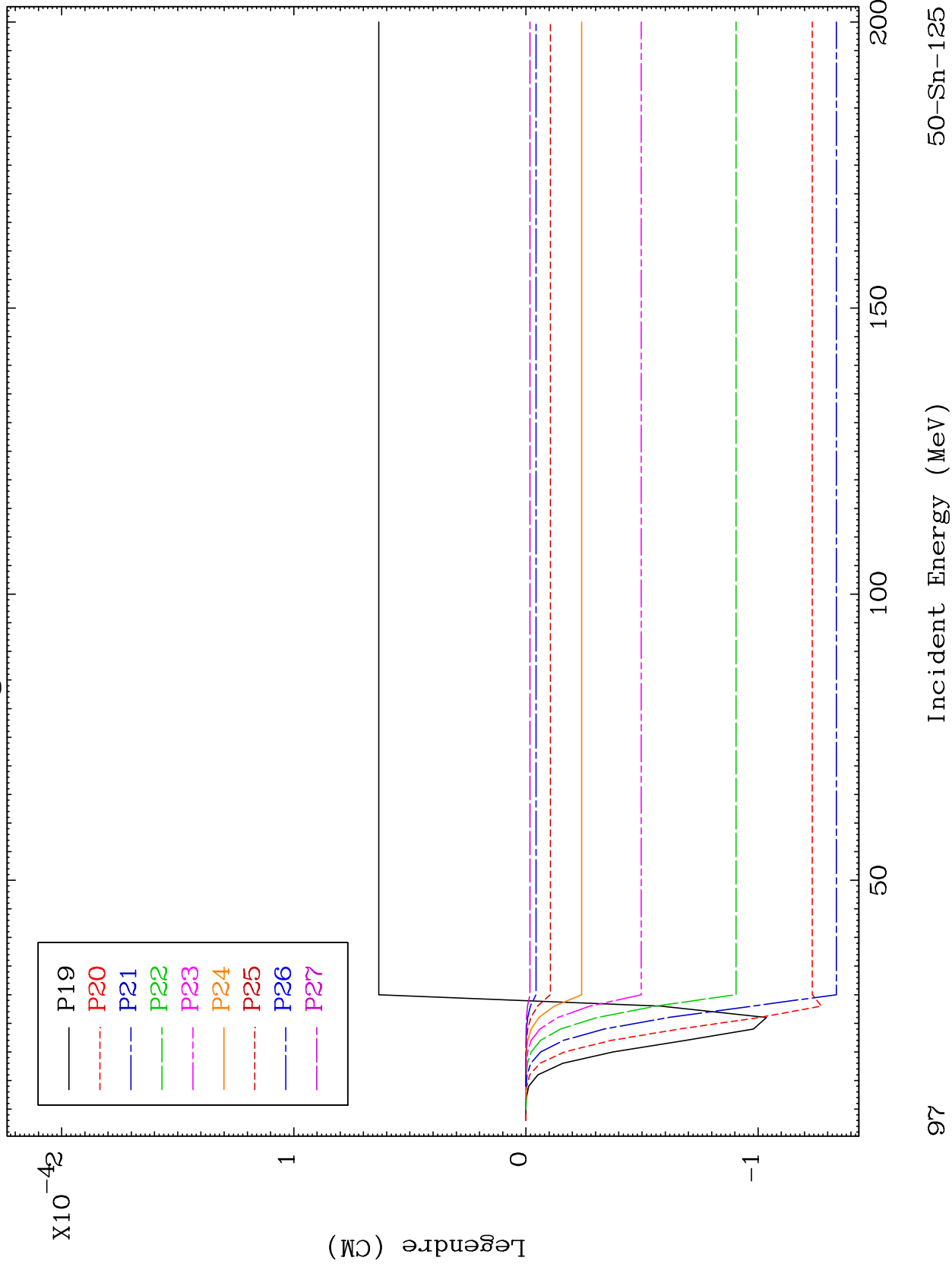
Incident Energy (MeV)

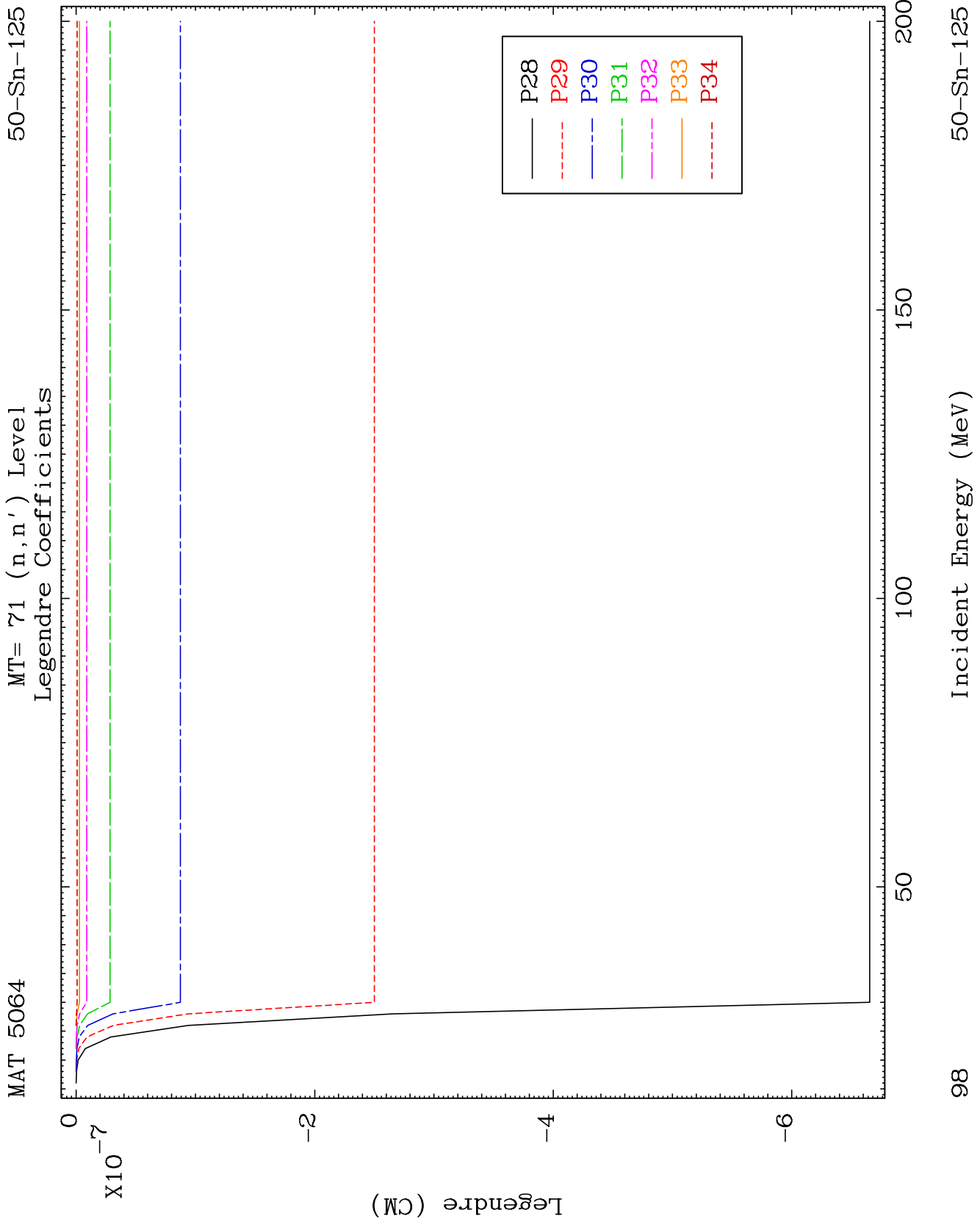
50-Sn-125

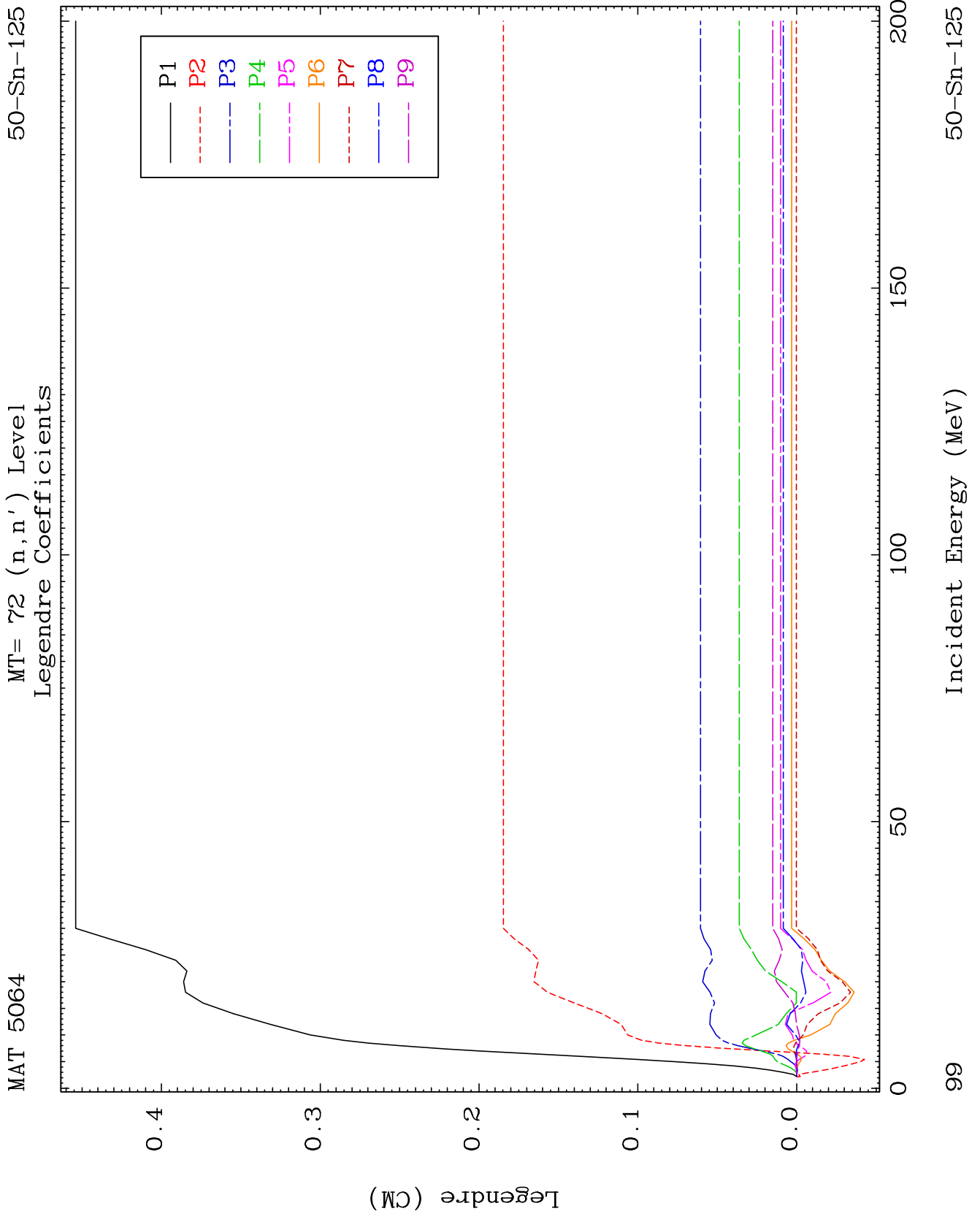
MAT 5064

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

50-Sn-125



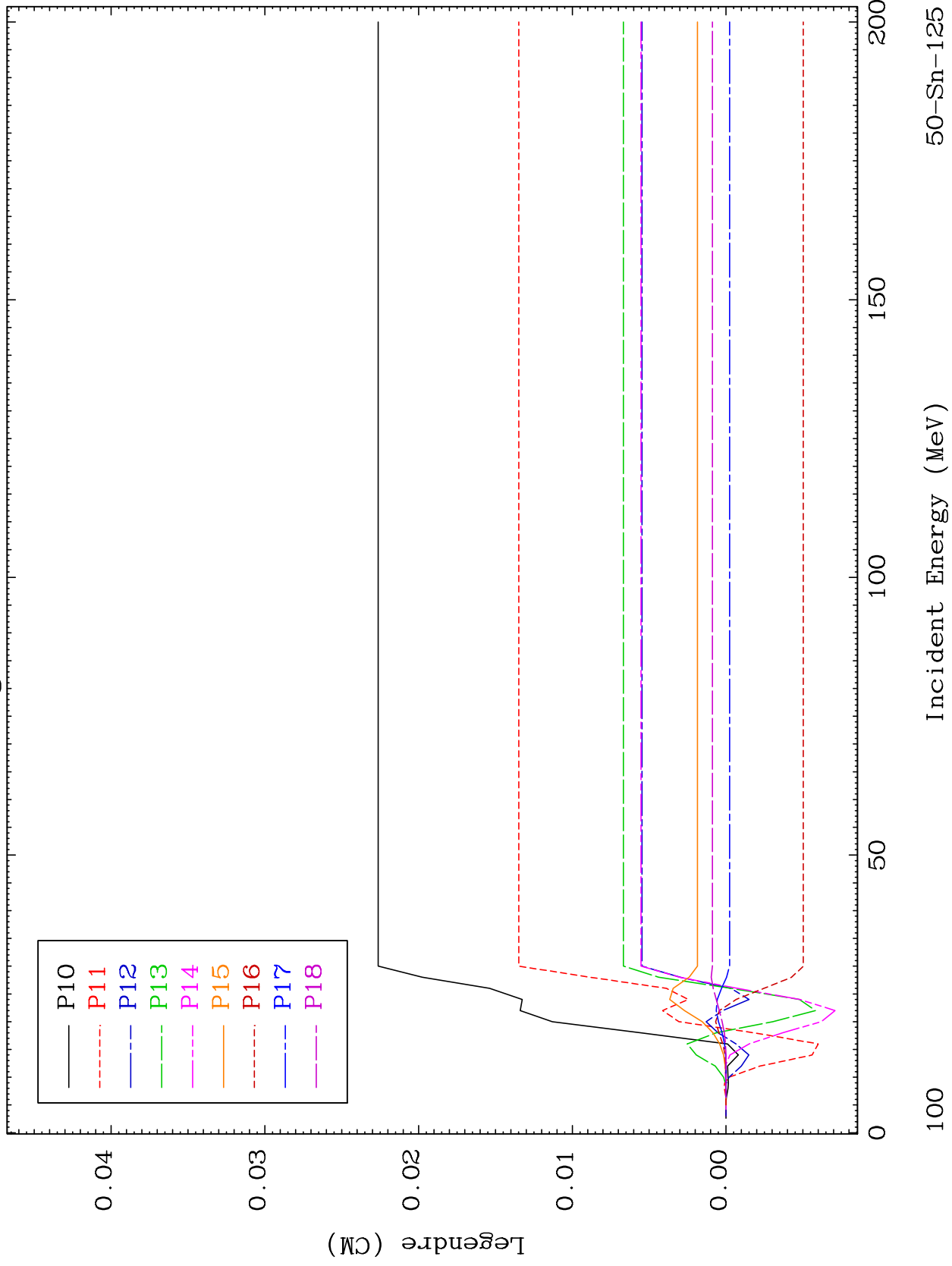


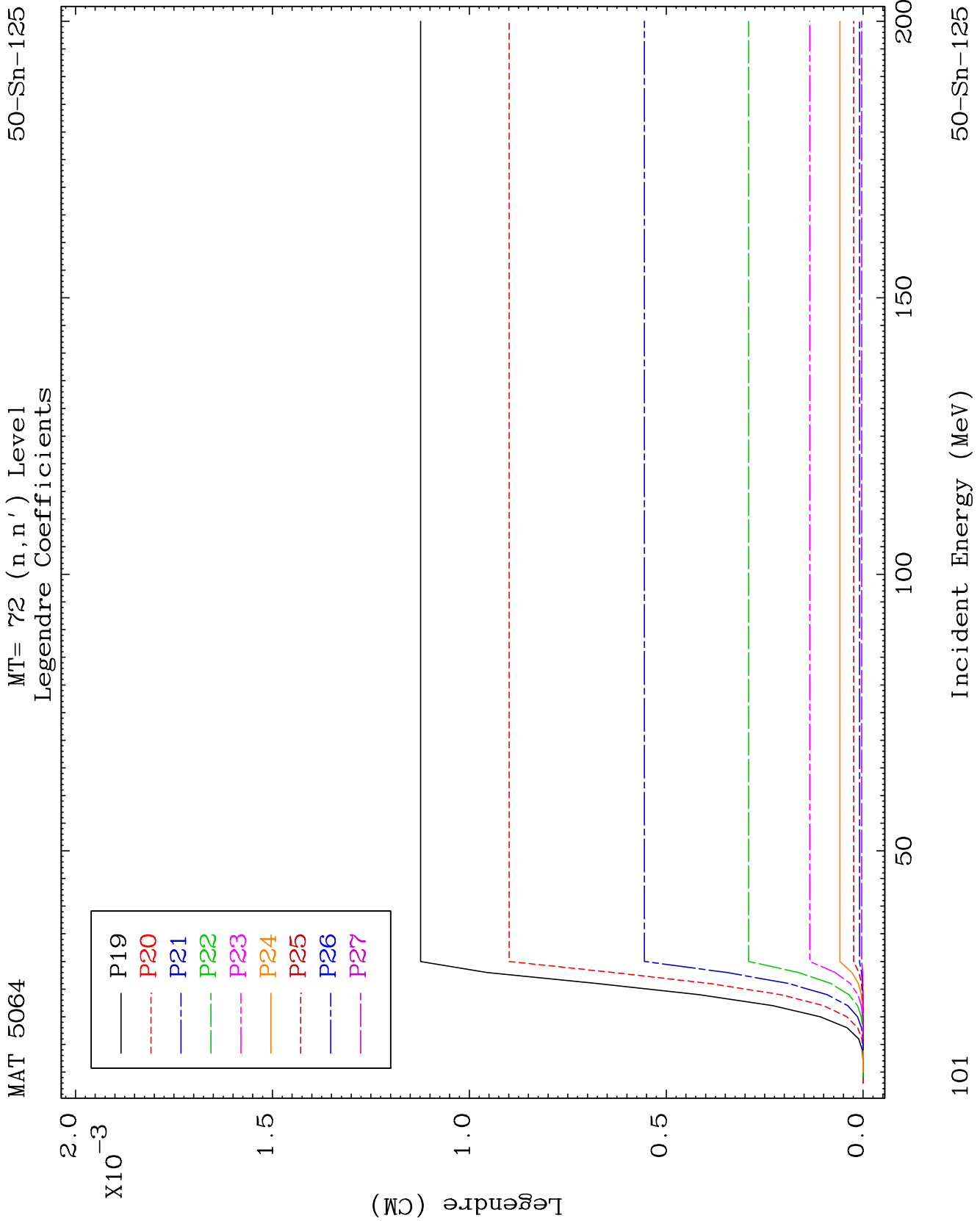


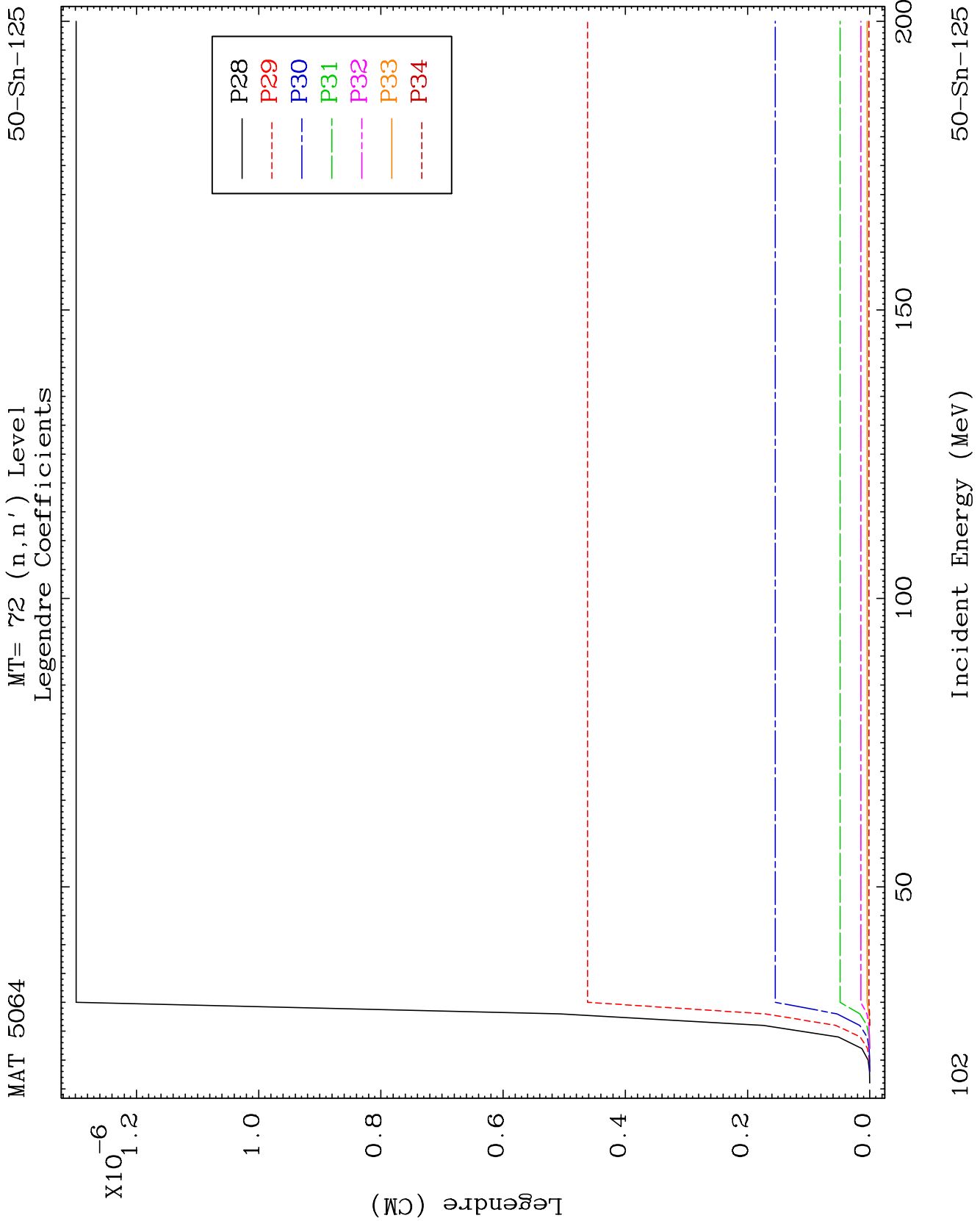
MAT 5064

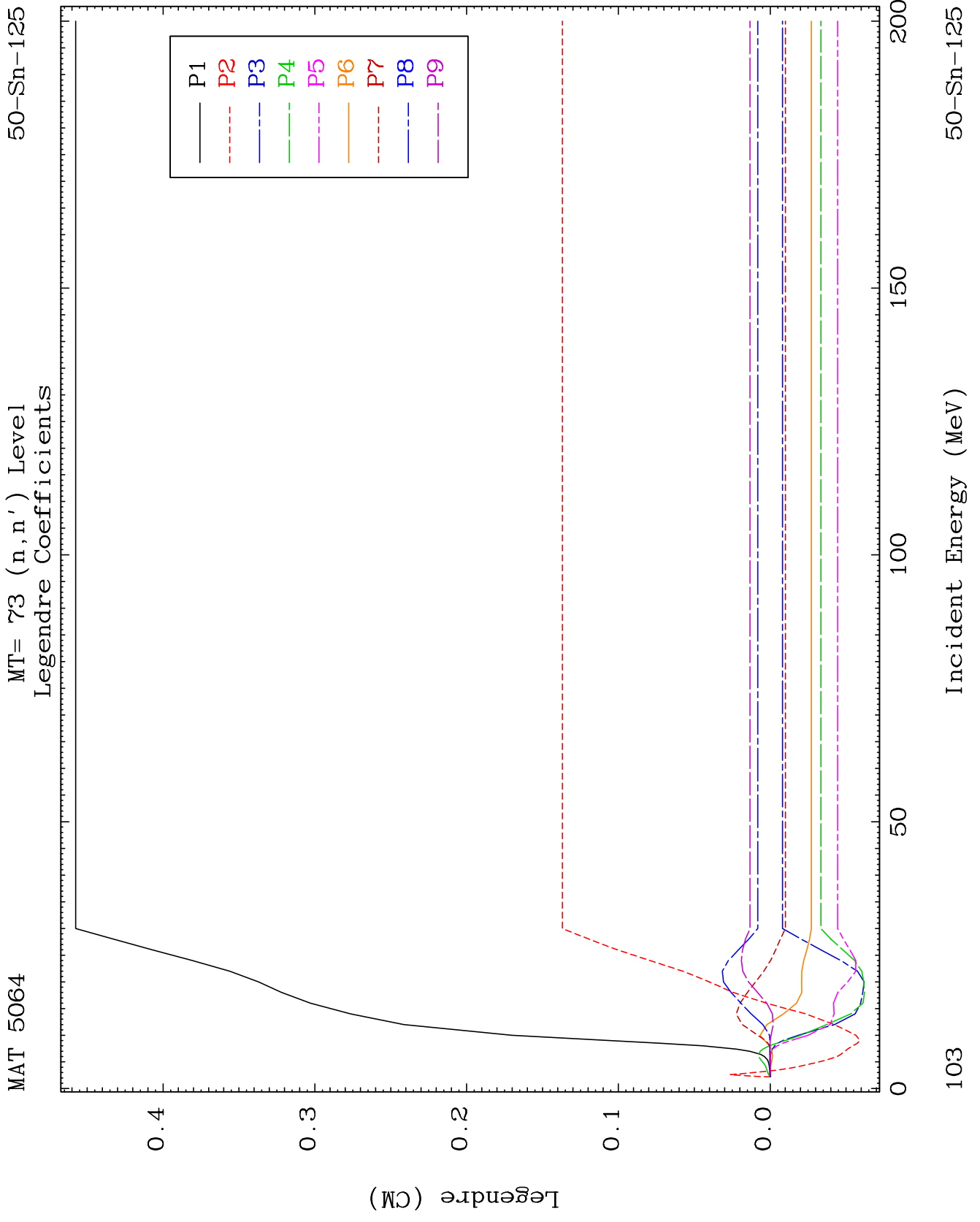
MT= 72 (n,n') Level
Legendre Coefficients

50-Sn-125





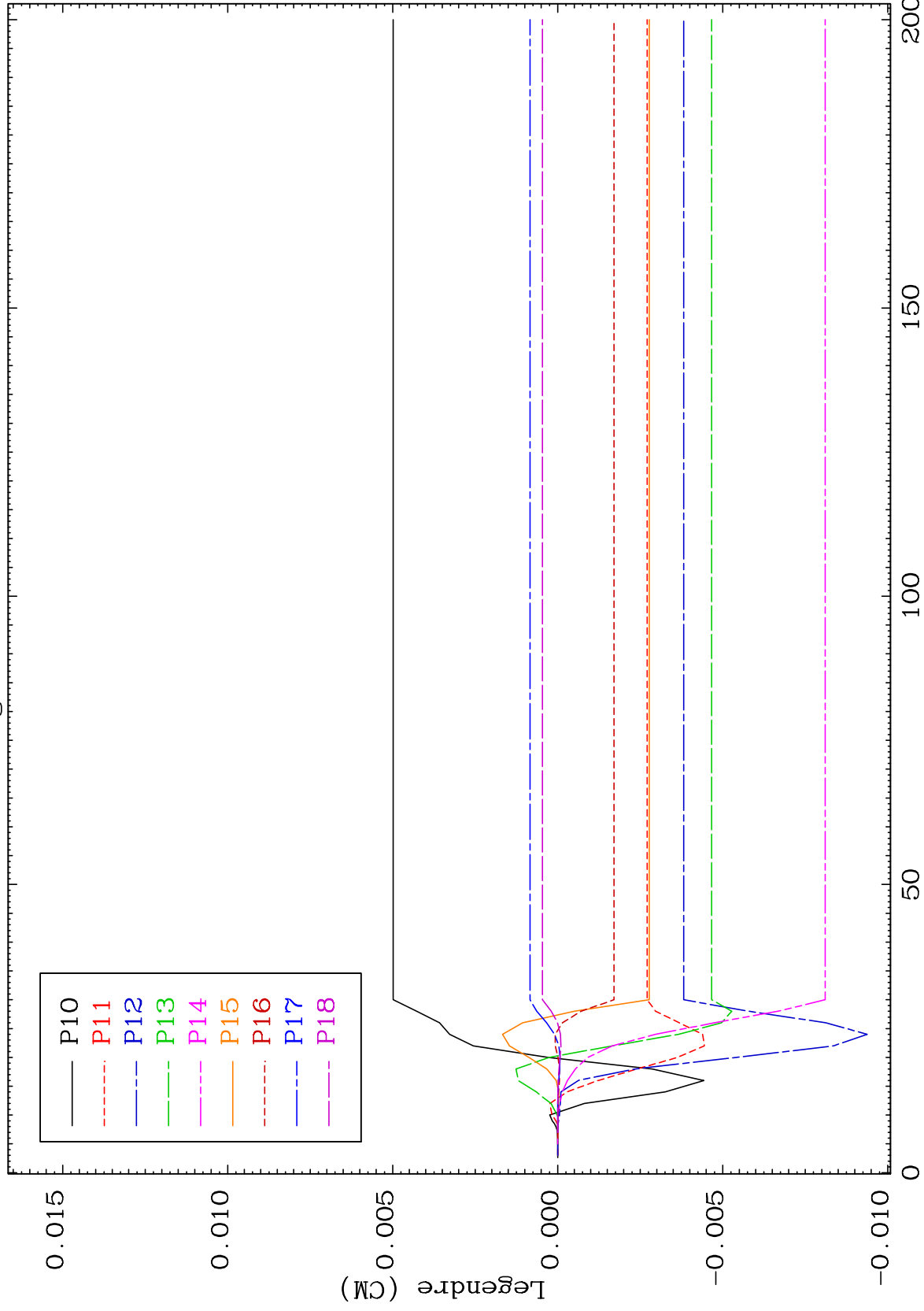




MAT 5064

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

50-Sn-125



104

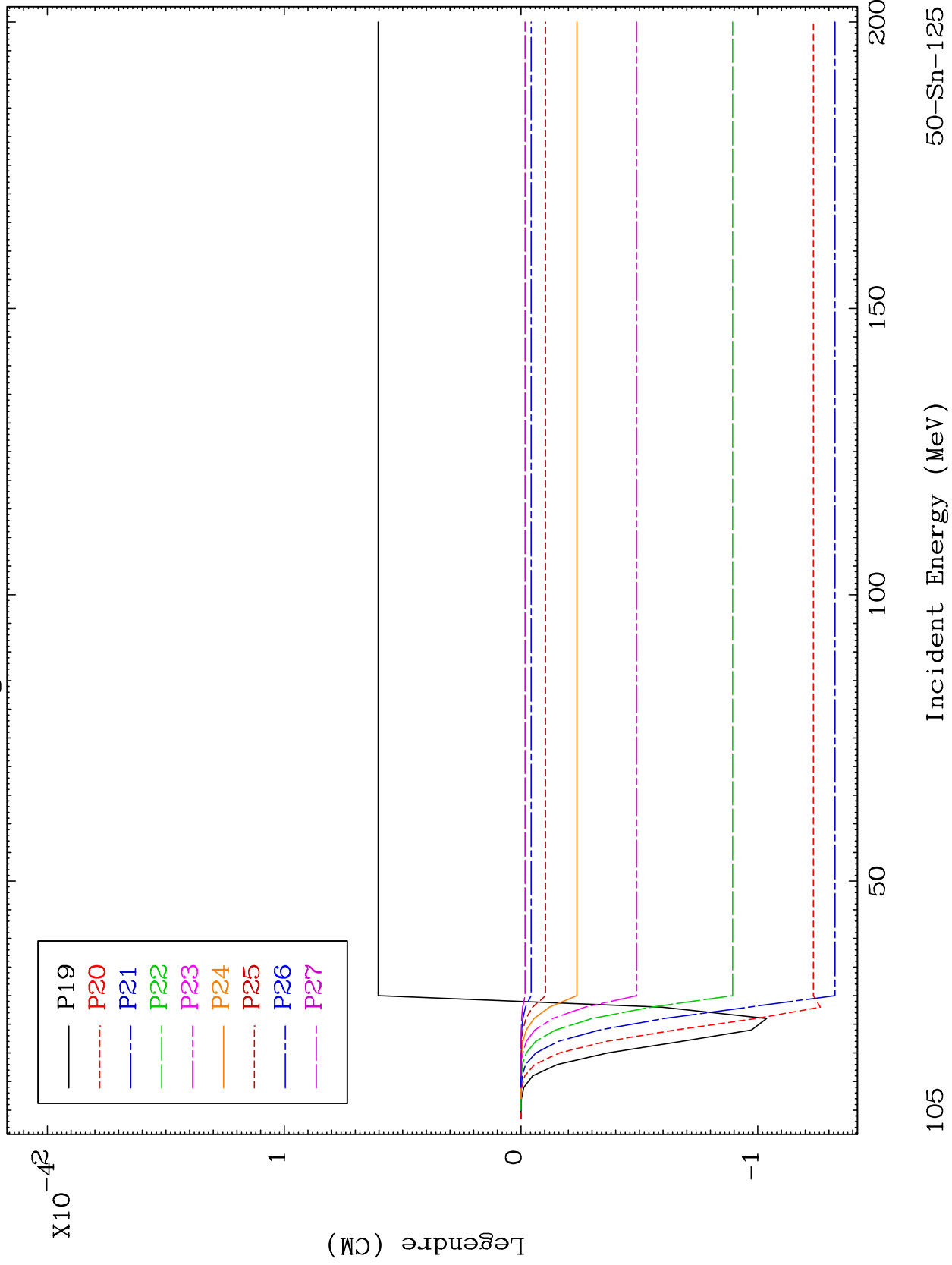
Incident Energy (MeV)

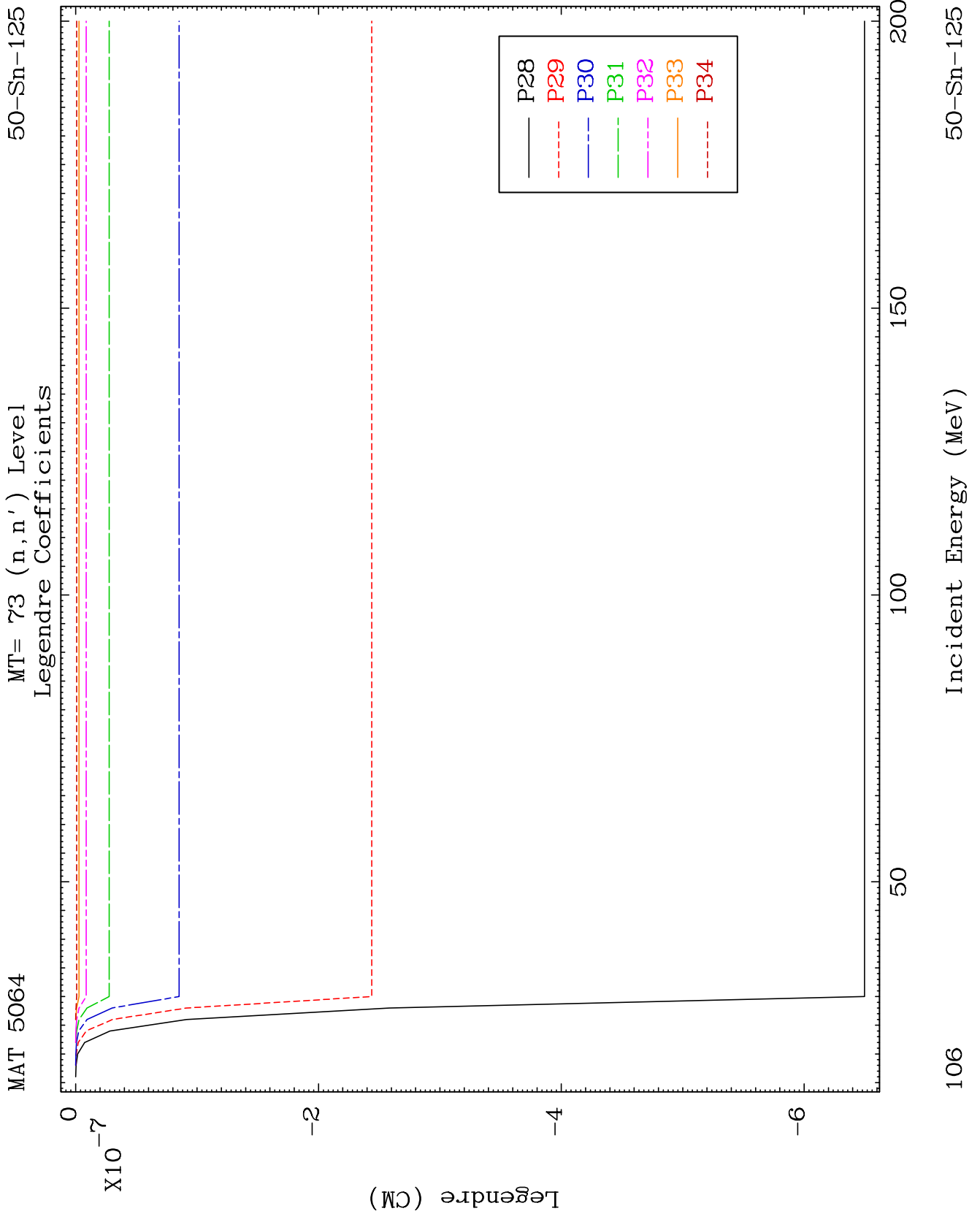
50-Sn-125

MAT 5064

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

50-Sn-125

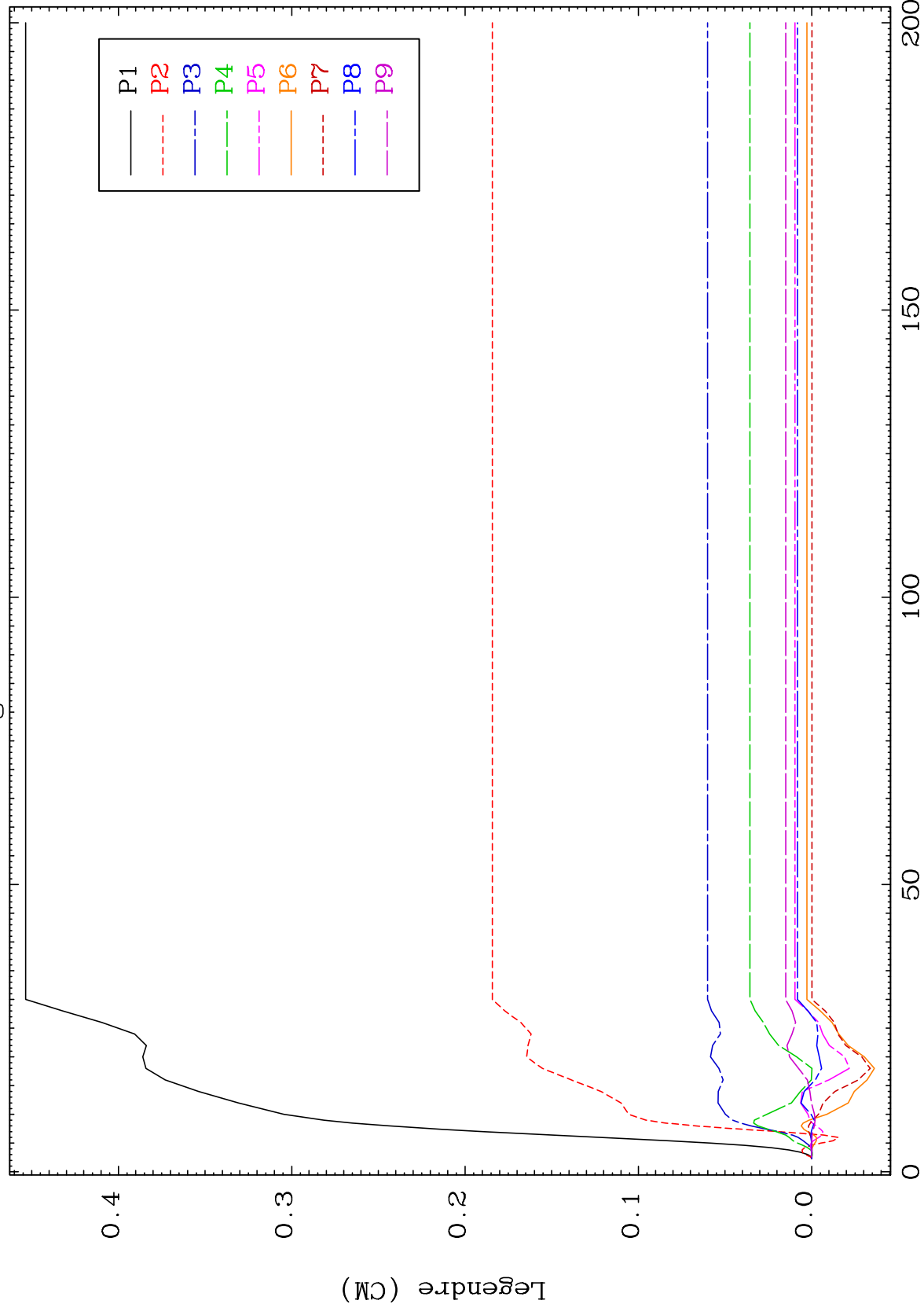




MAT 5064

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

50-Sn-125



107

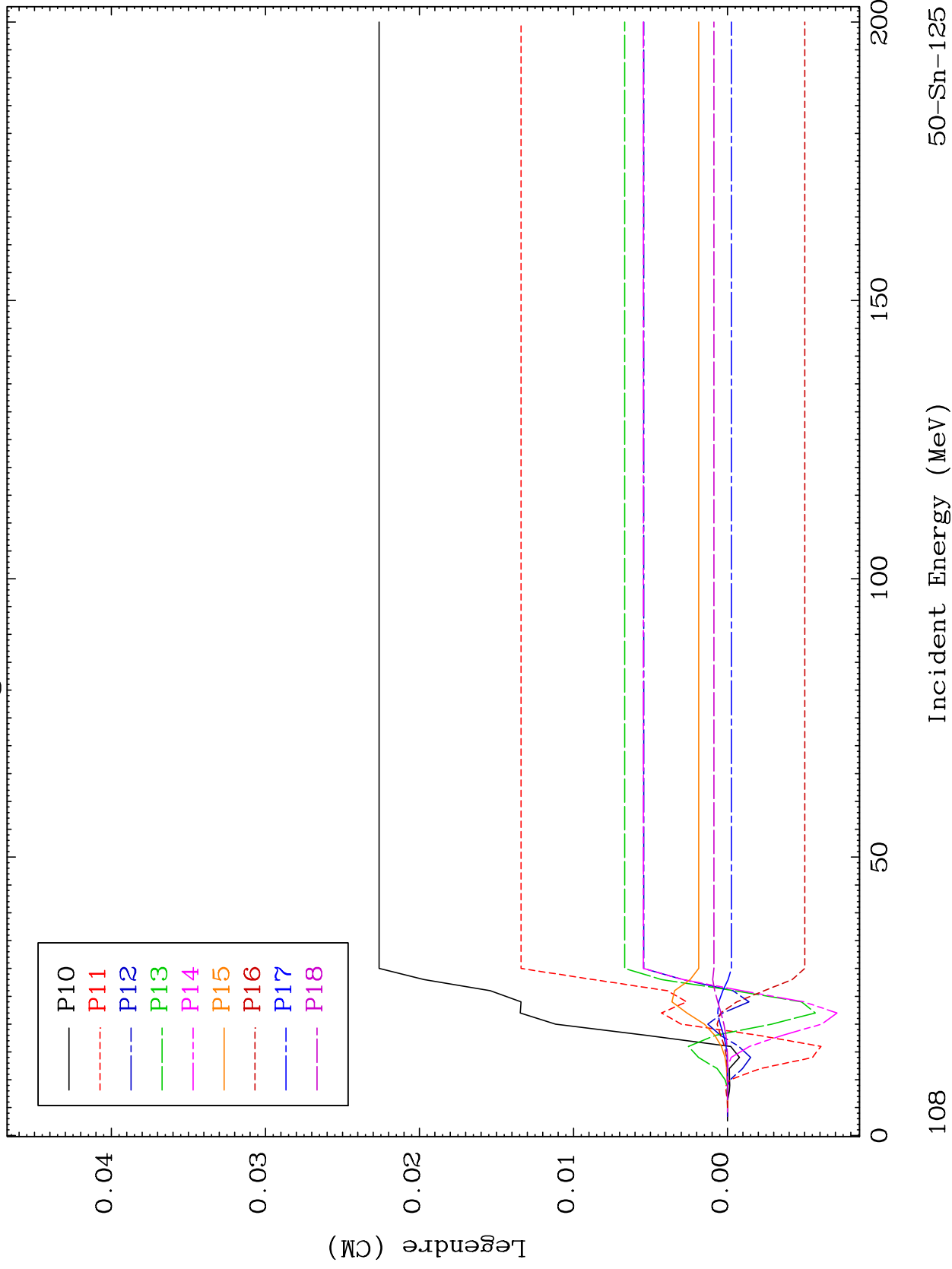
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

50-Sn-125



108

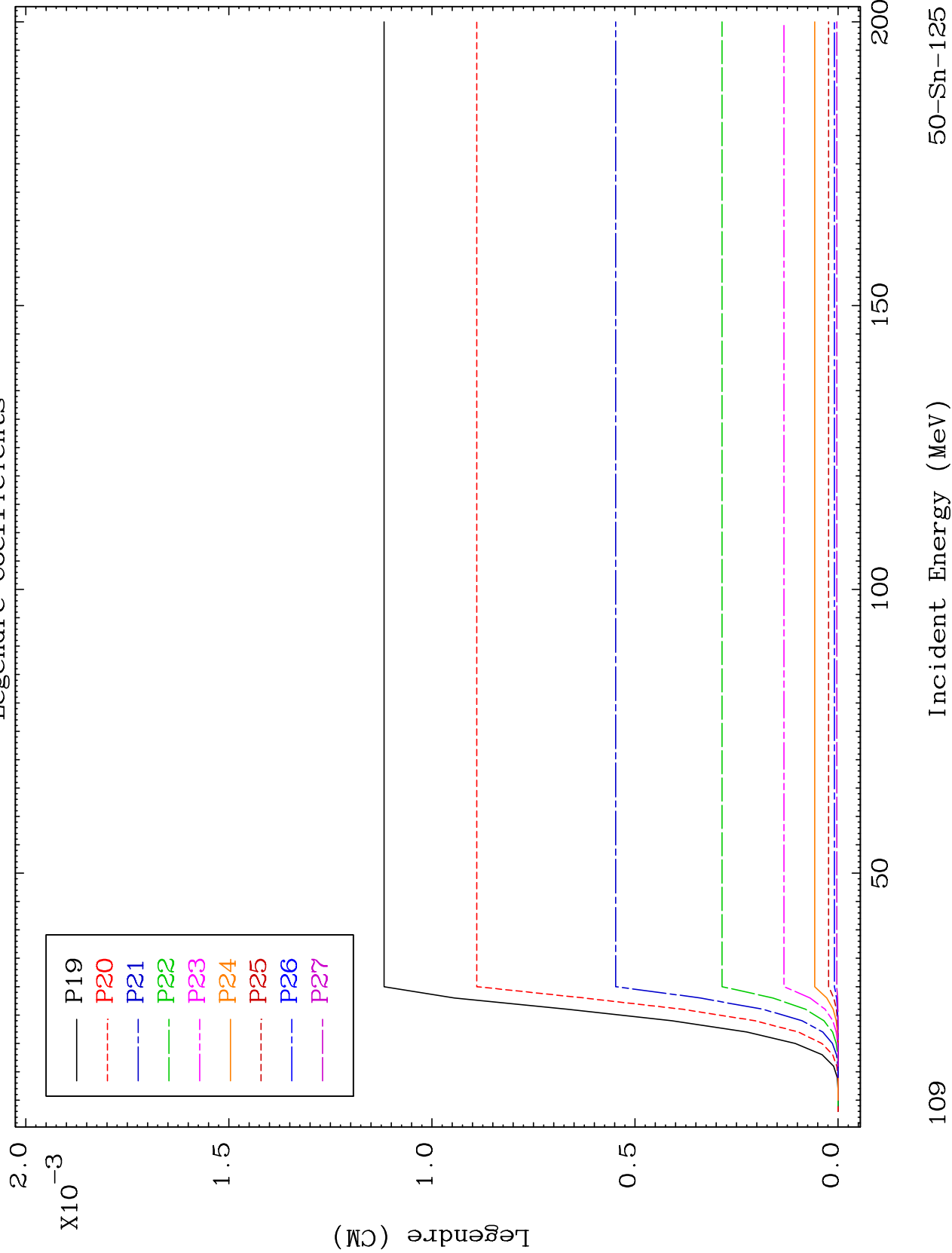
Incident Energy (MeV)

50-Sn-125

MAT 5064

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

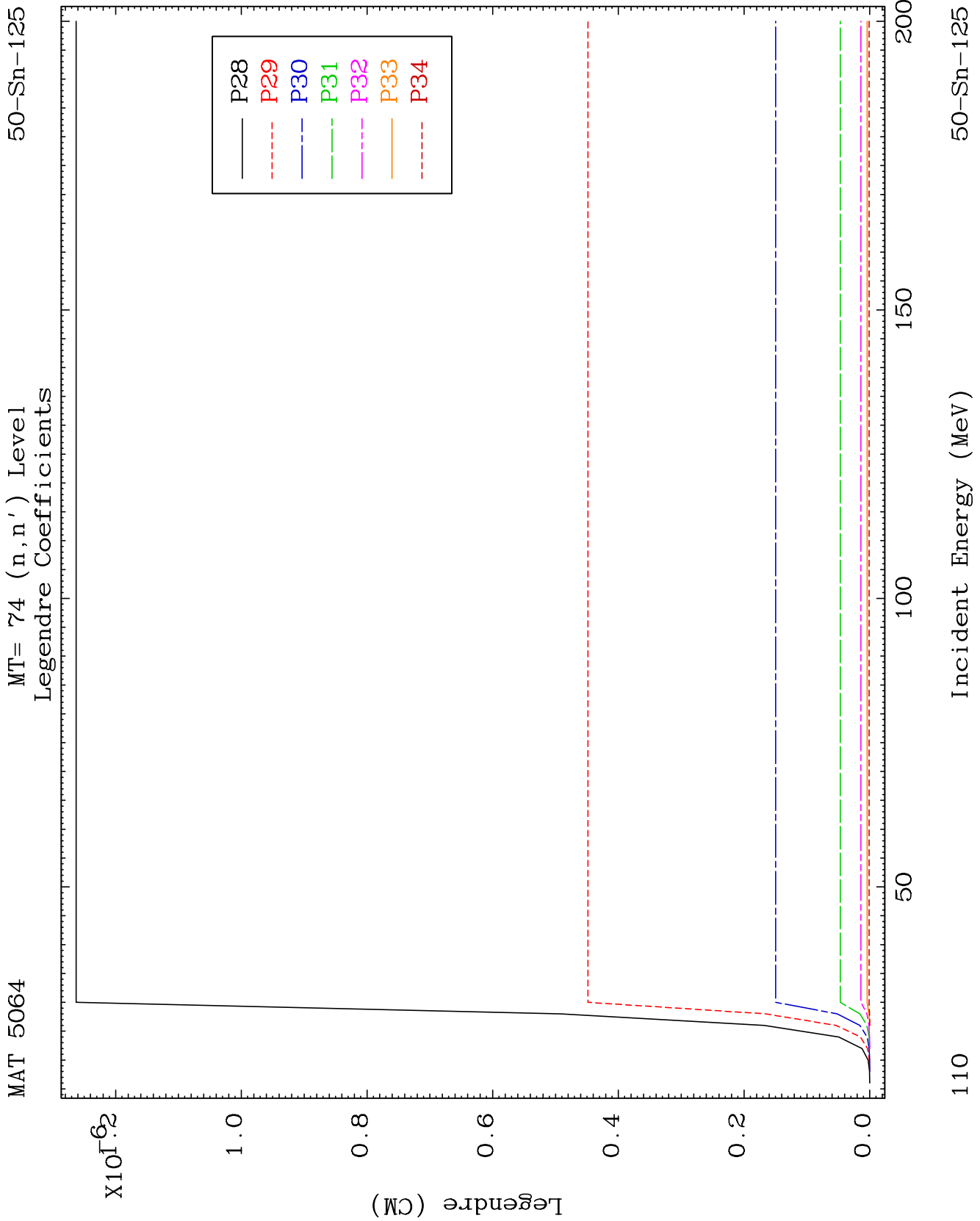
50-Sn-125

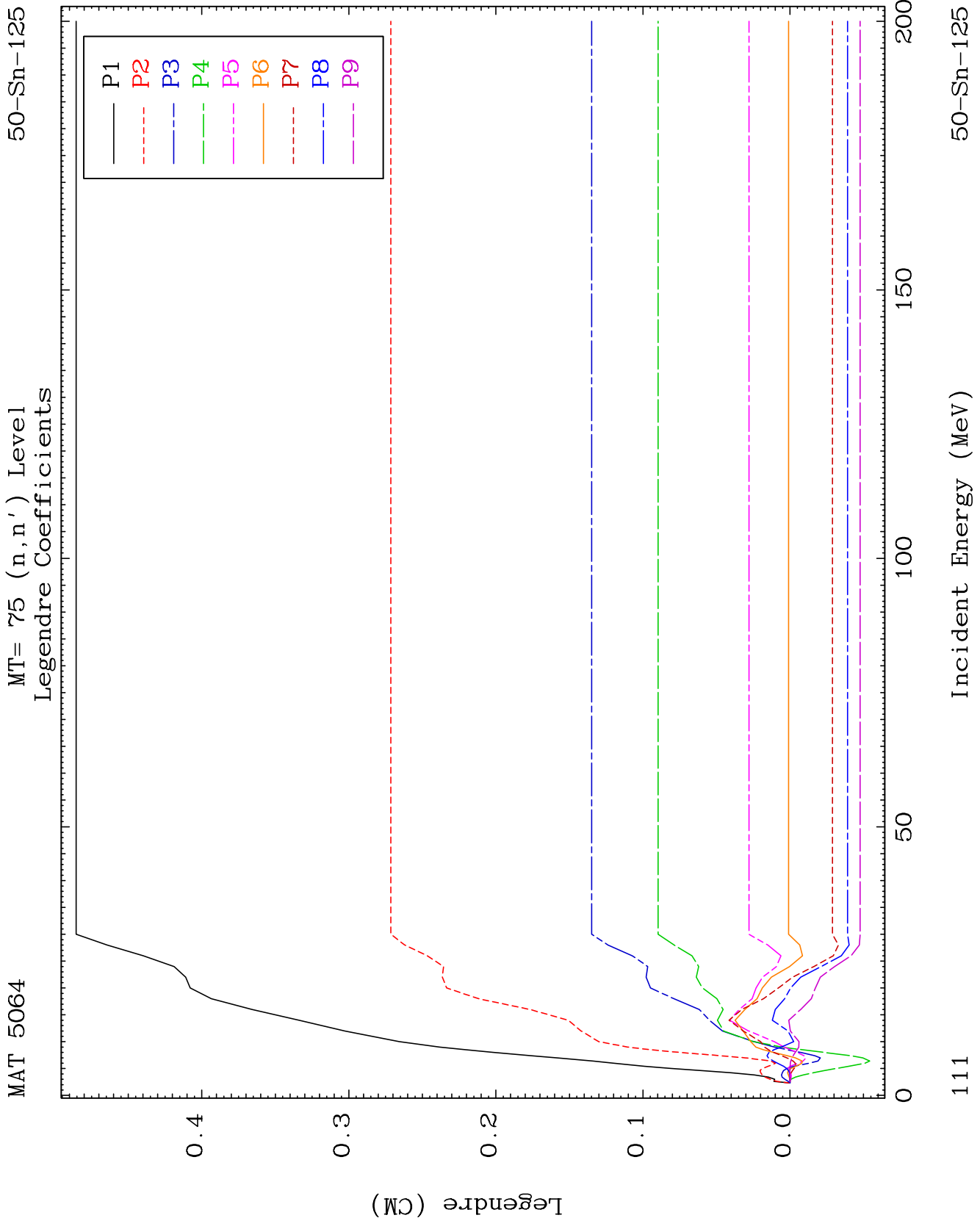


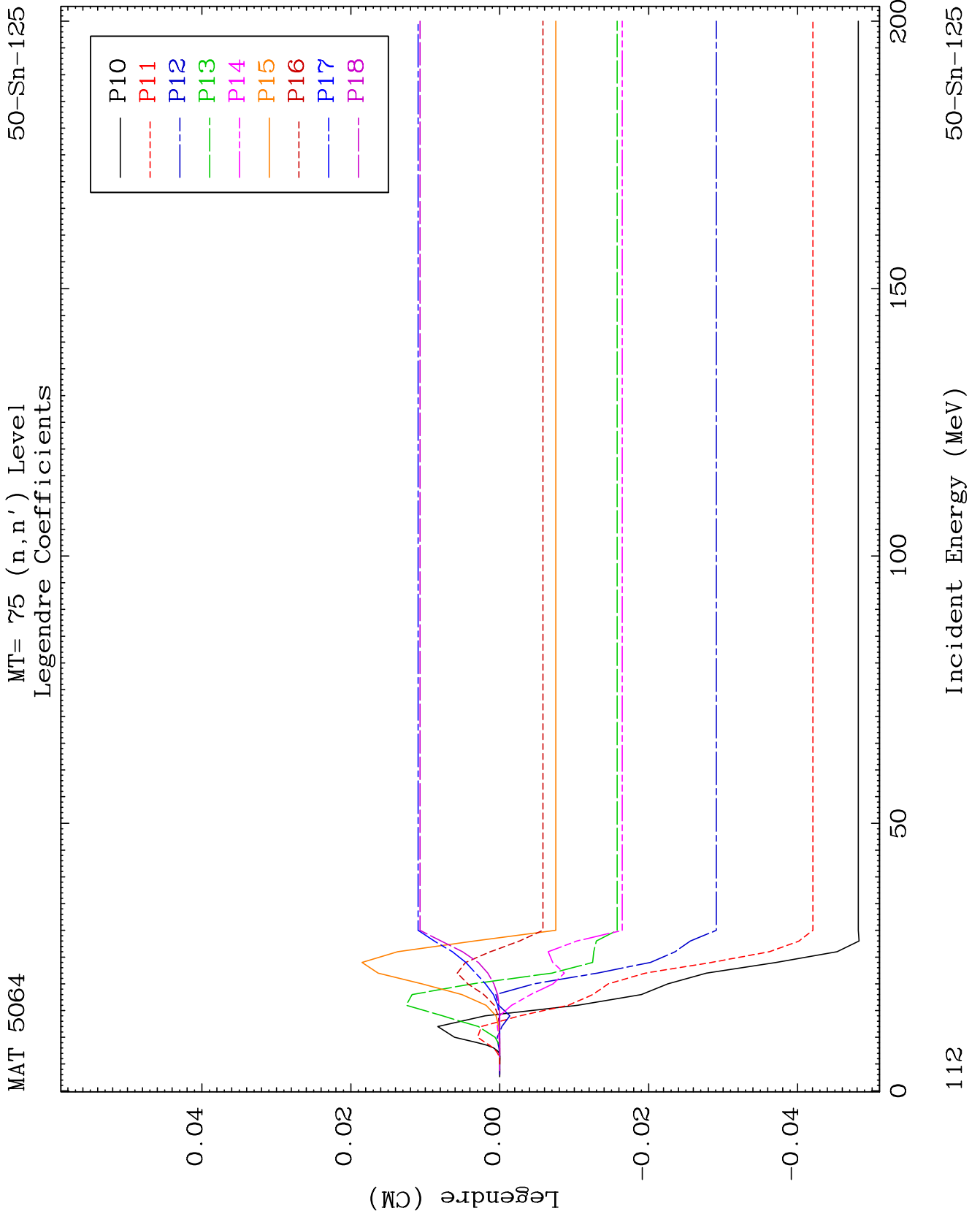
109

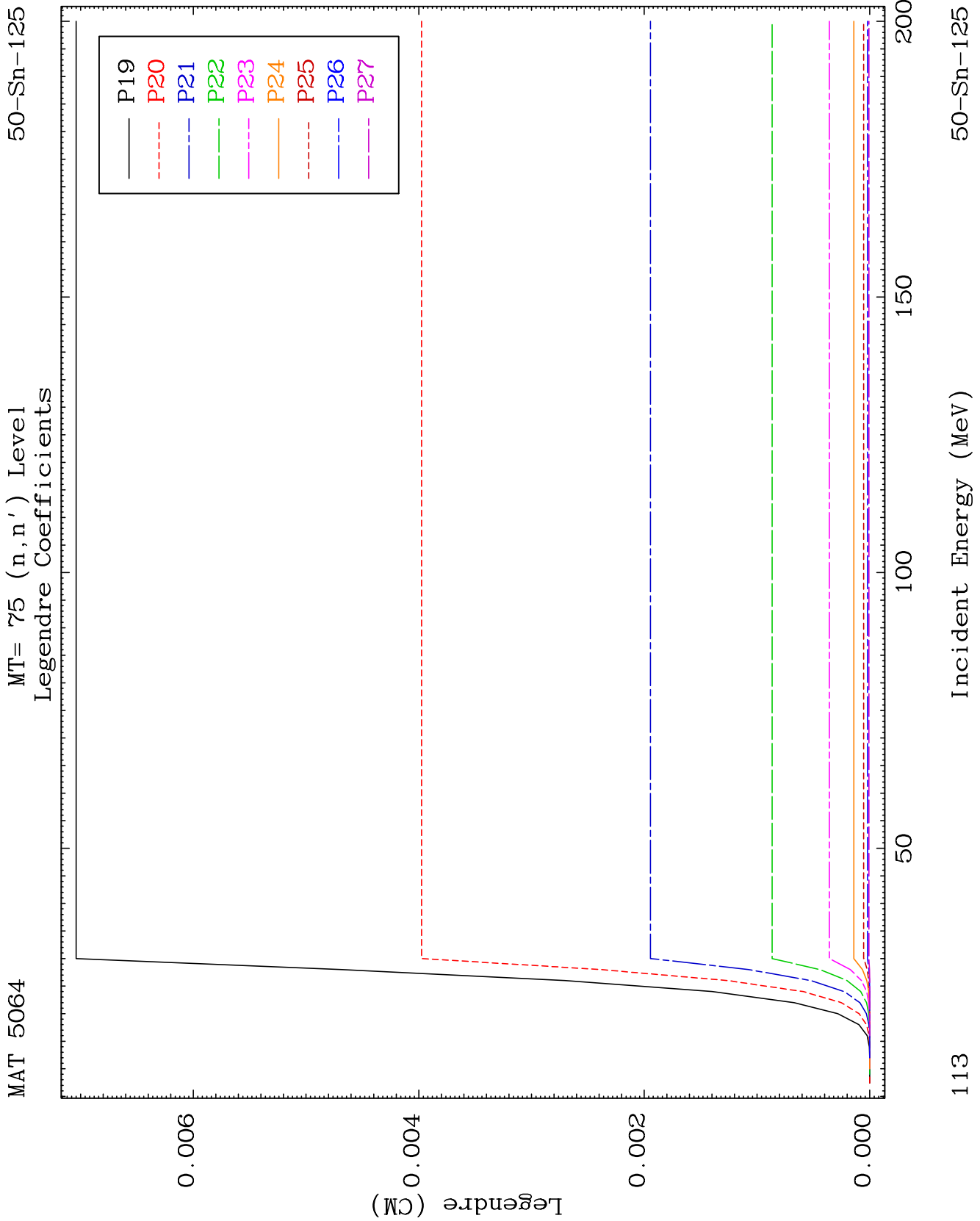
Incident Energy (MeV)

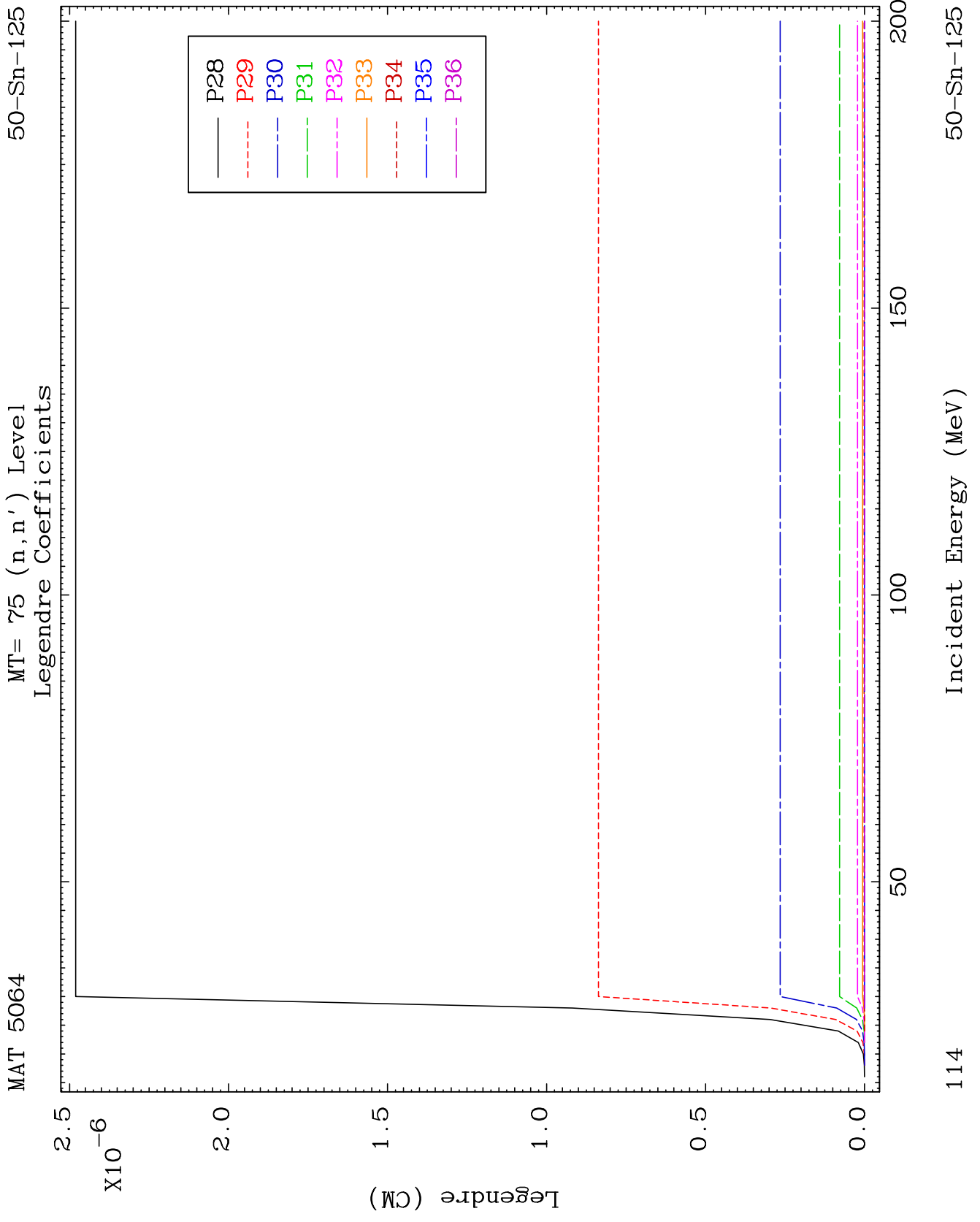
50-Sn-125

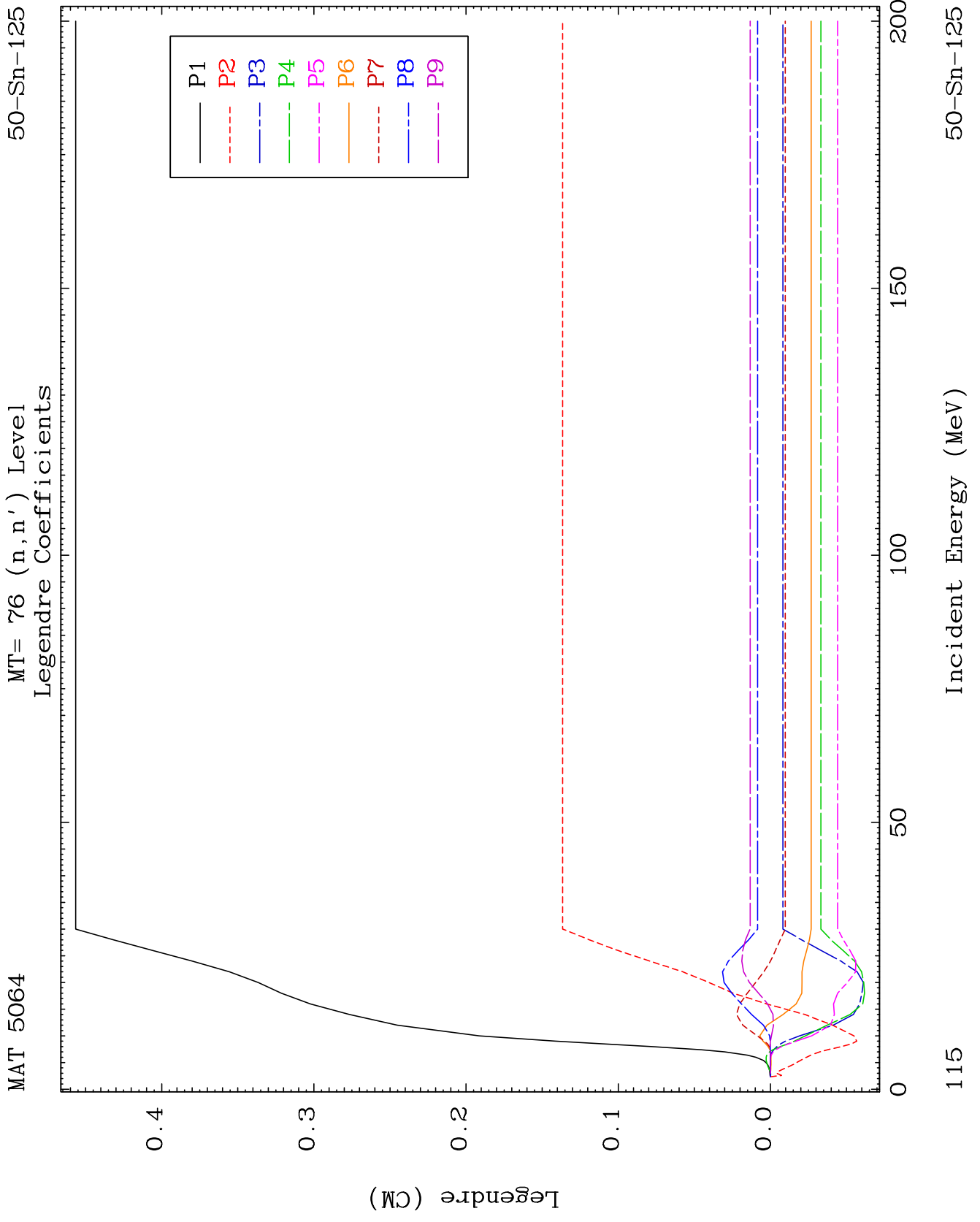








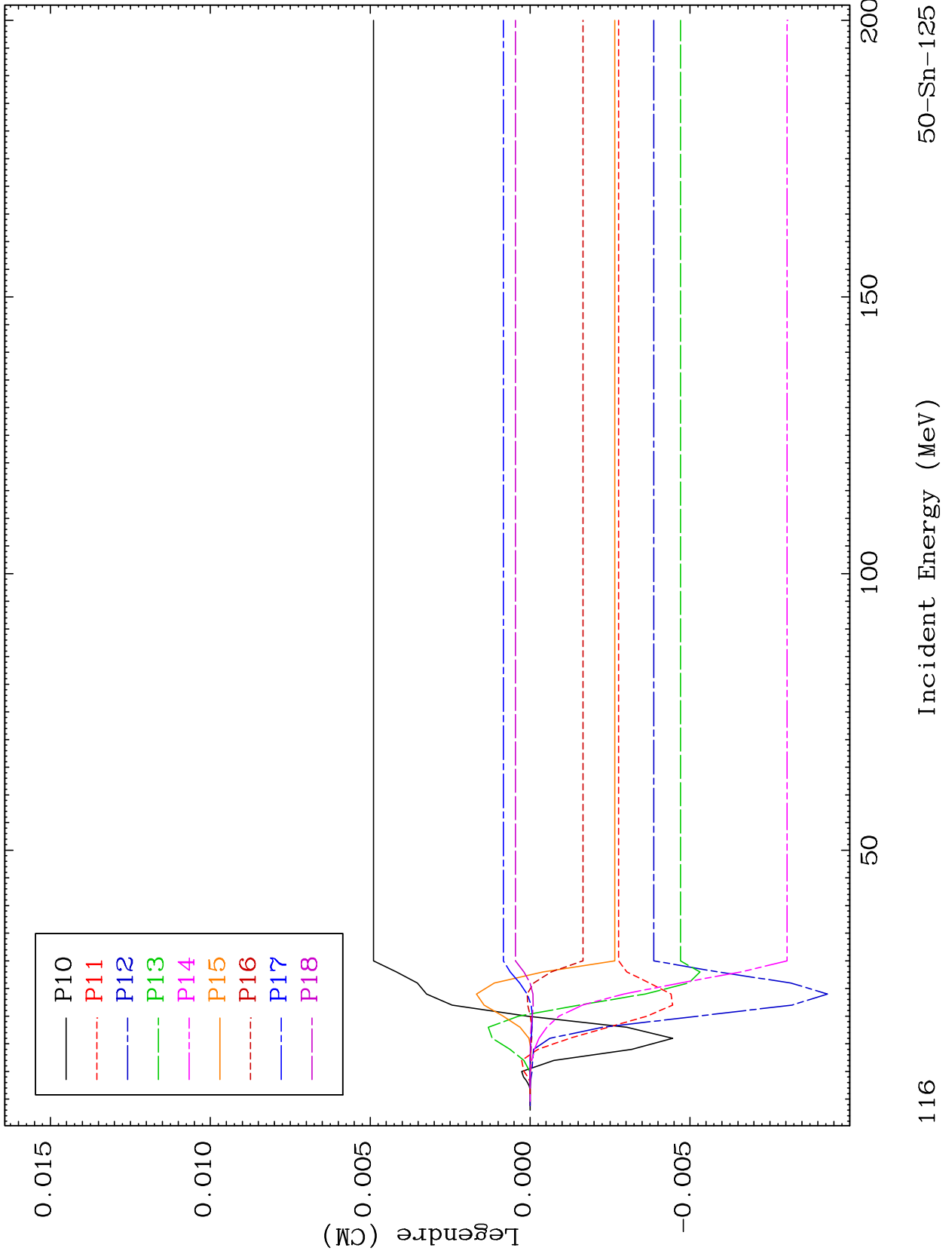




MAT 5064

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

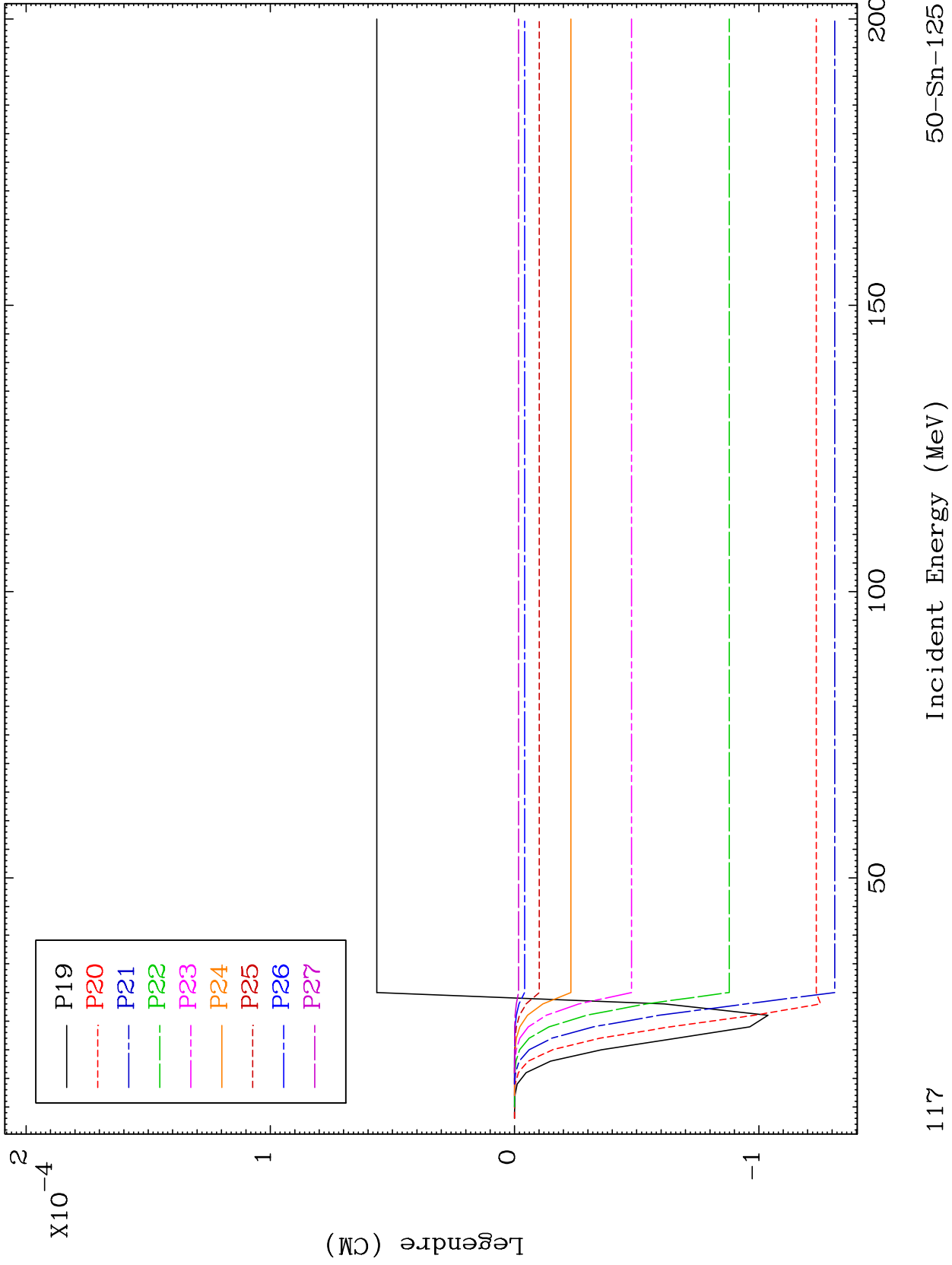
50-Sn-125

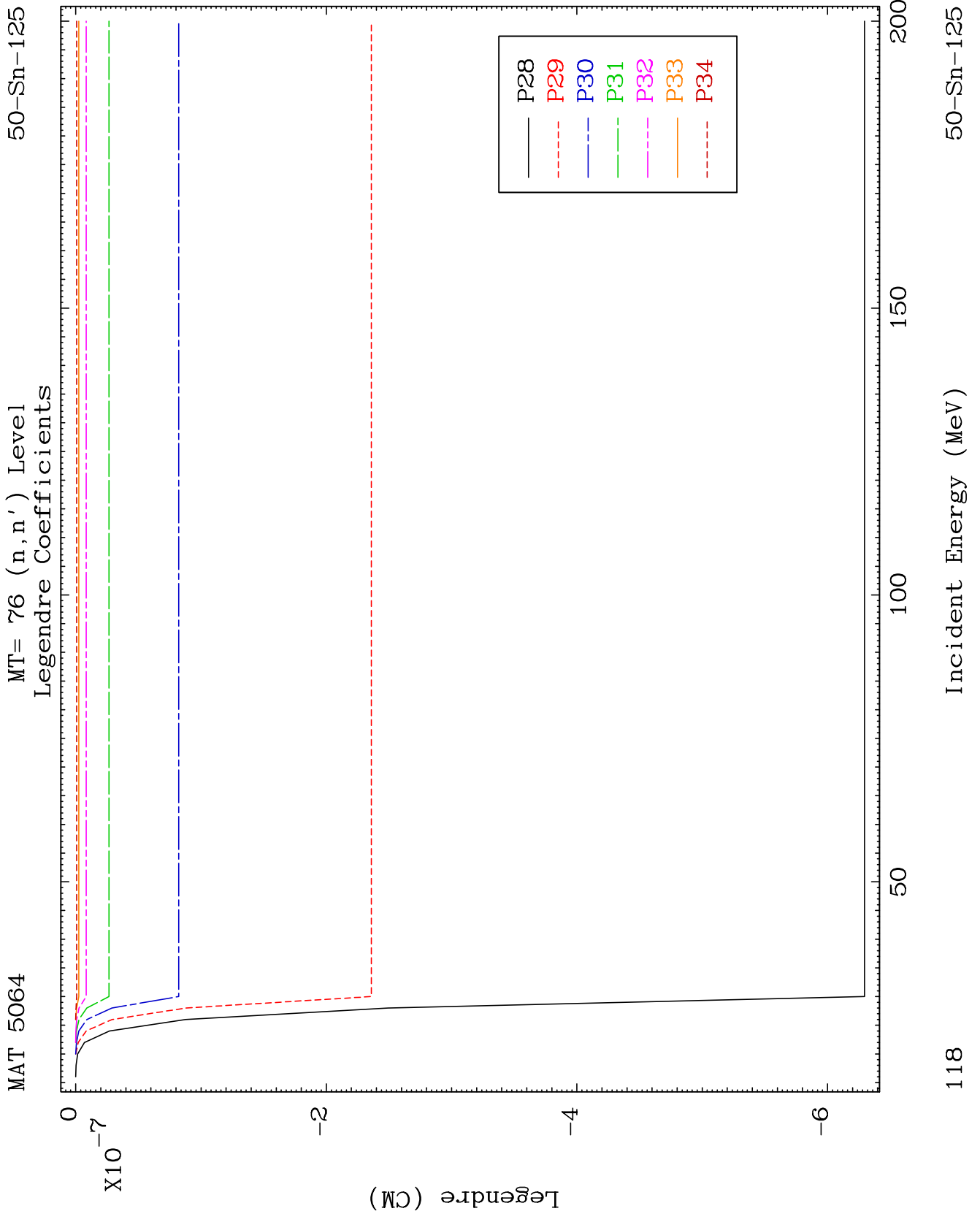


MAT 5064

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

50-Sn-125

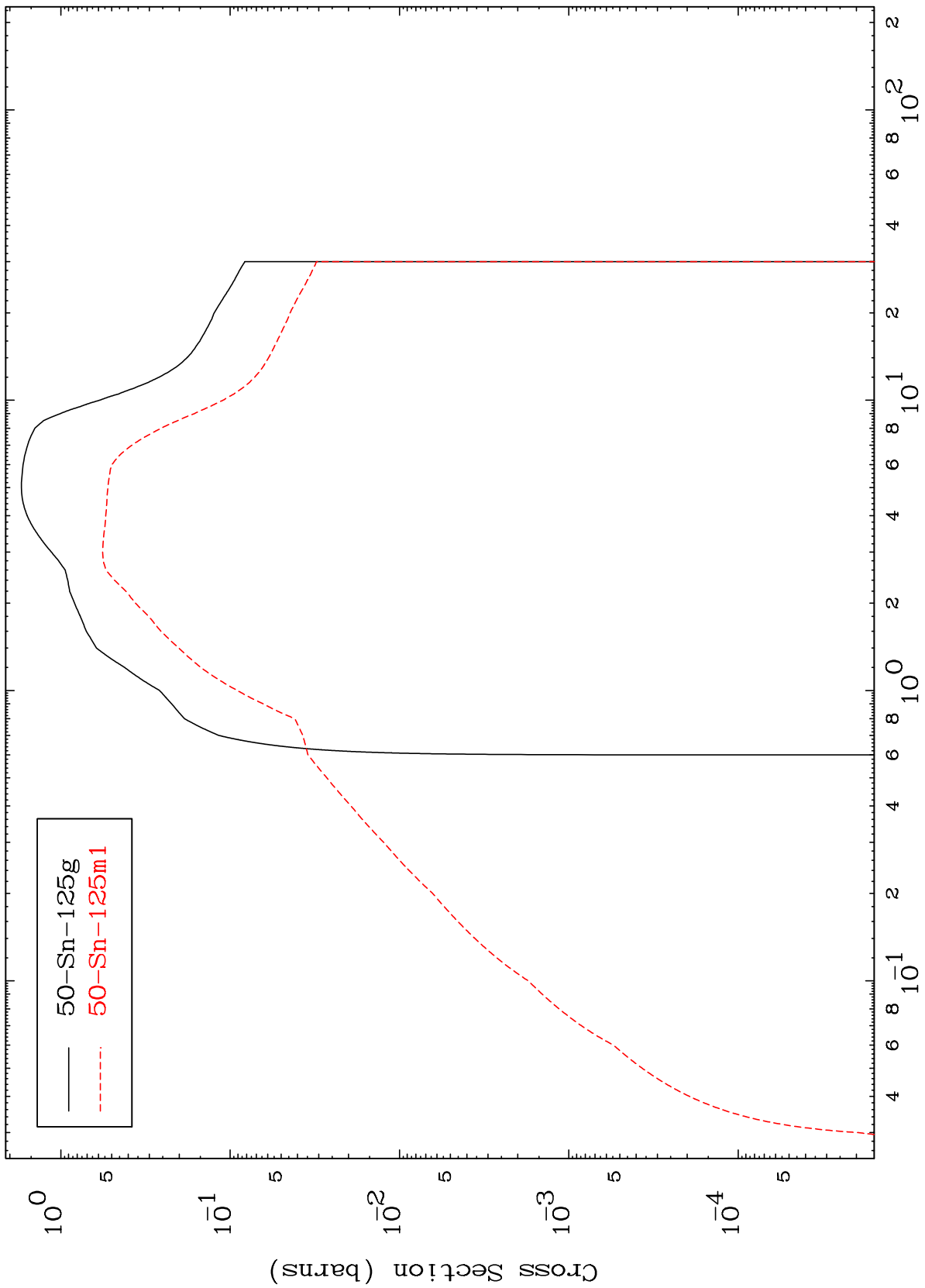




MAT 5064

50-Sn-125

Inelastic
Radionuclide Production Cross Section



— 50-Sn-125g
- - - 50-Sn-125m1

50-Sn-125

Incident Energy (MeV)

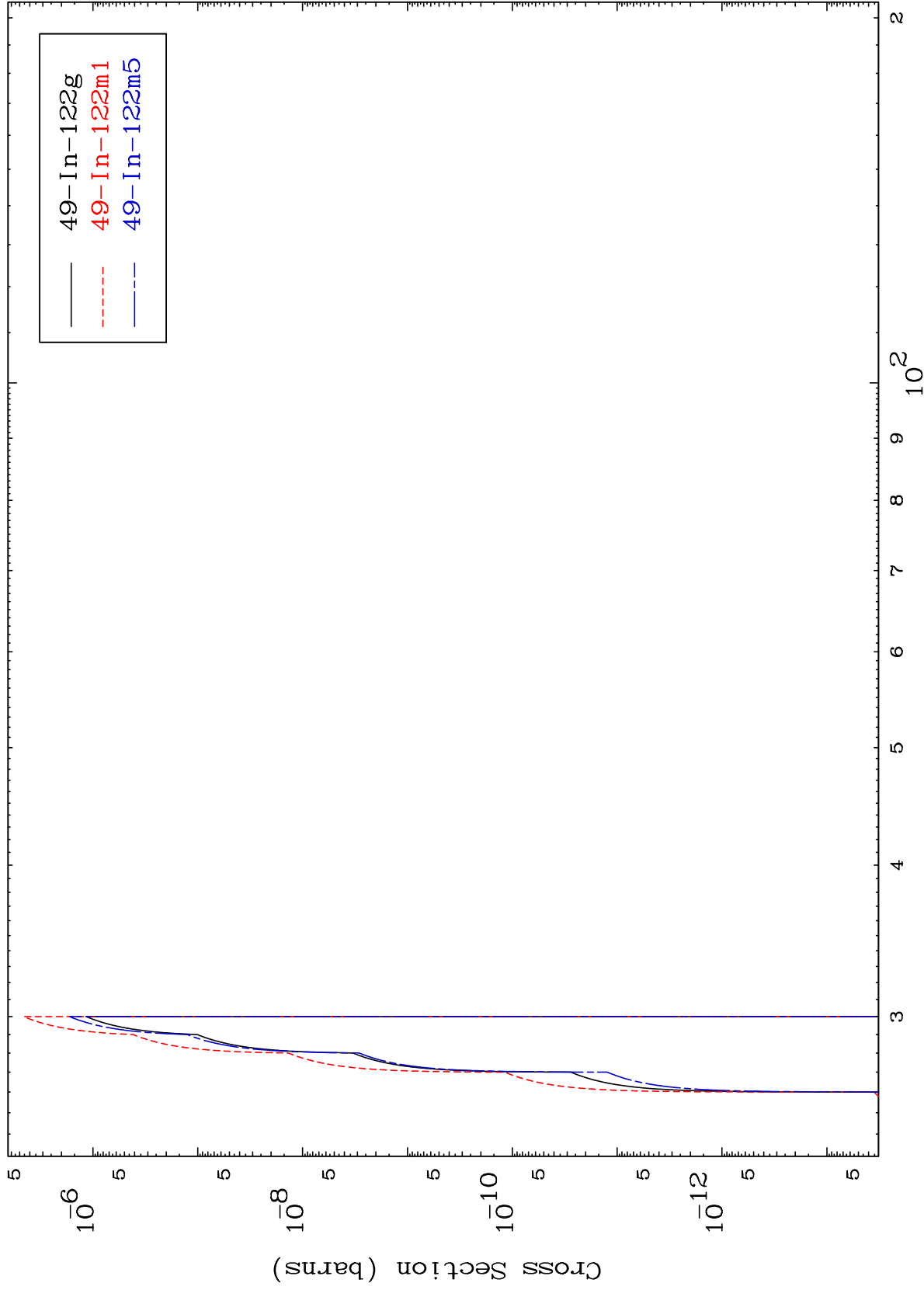
119

MAT 5064

(n,2n) d

50-Sn-125

Radionuclide Production Cross Section



120

Incident Energy (MeV)

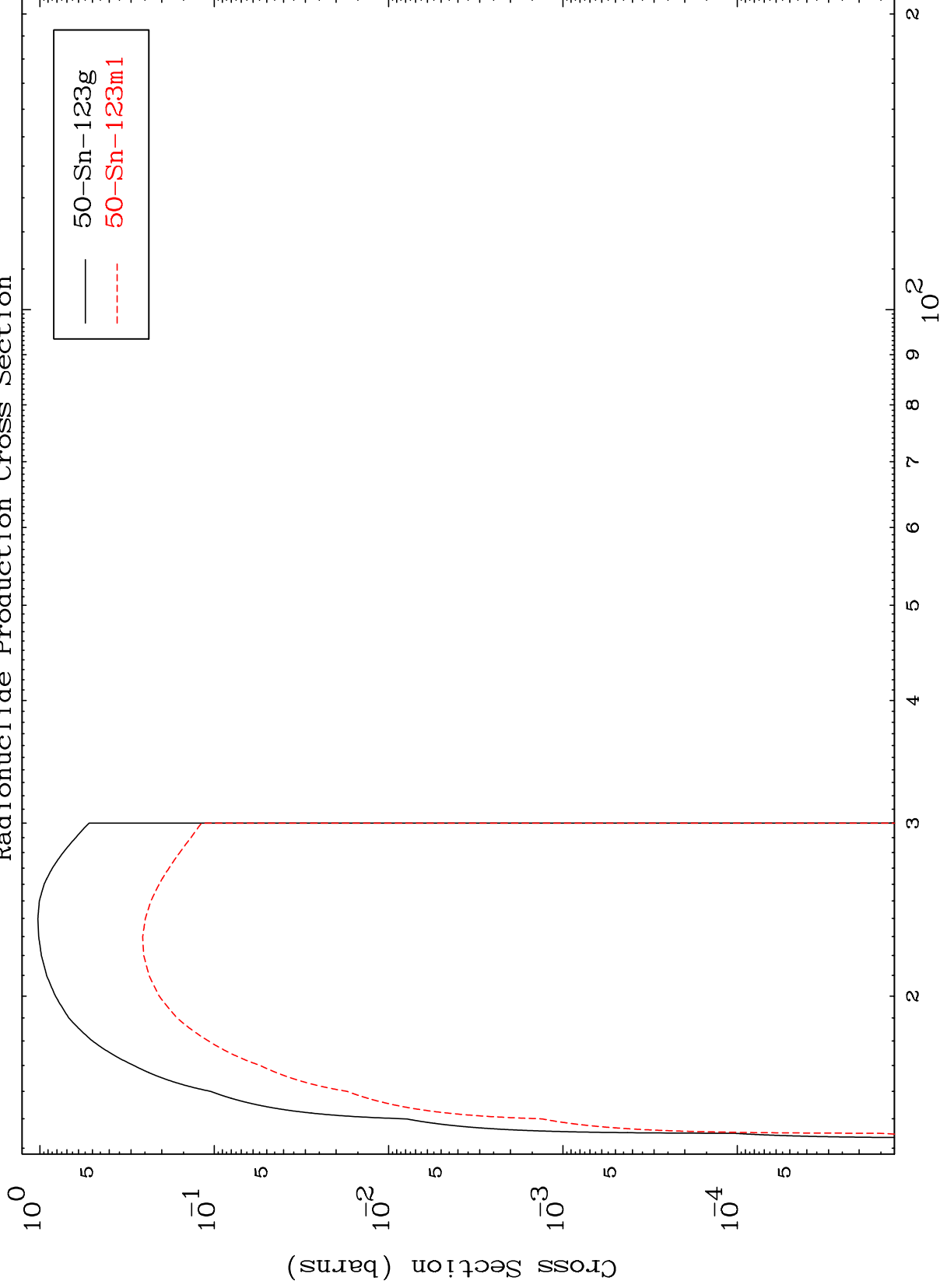
50-Sn-125

MAT 5064

(n,3n)

50-Sn-125

Radionuclide Production Cross Section



121

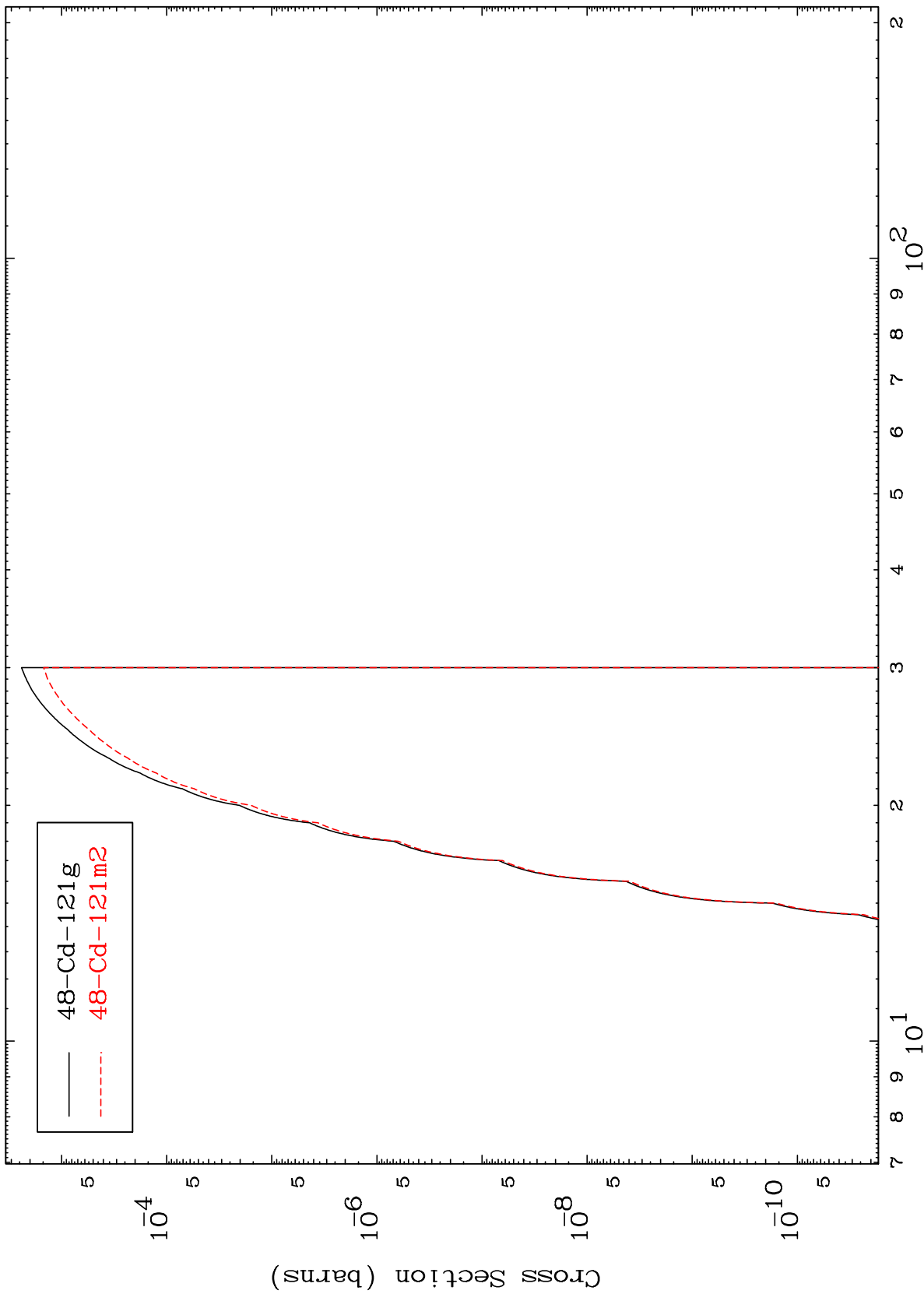
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

(n,n') α
Radionuclide Production Cross Section



50-Sn-125

Incident Energy (MeV)

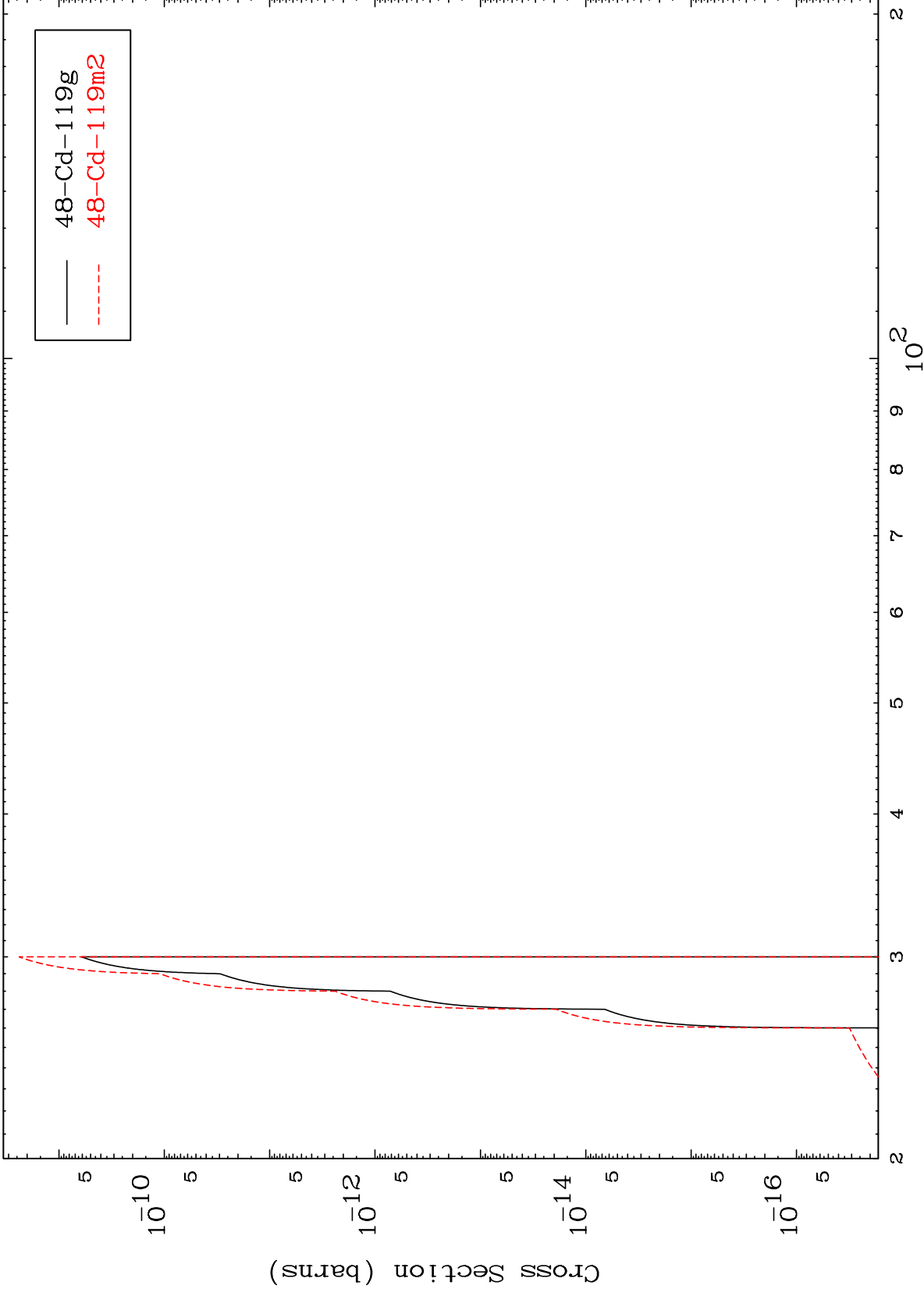
122

MAT 5064

(n,3n) α

50-Sn-125

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

123

Incident Energy (MeV)

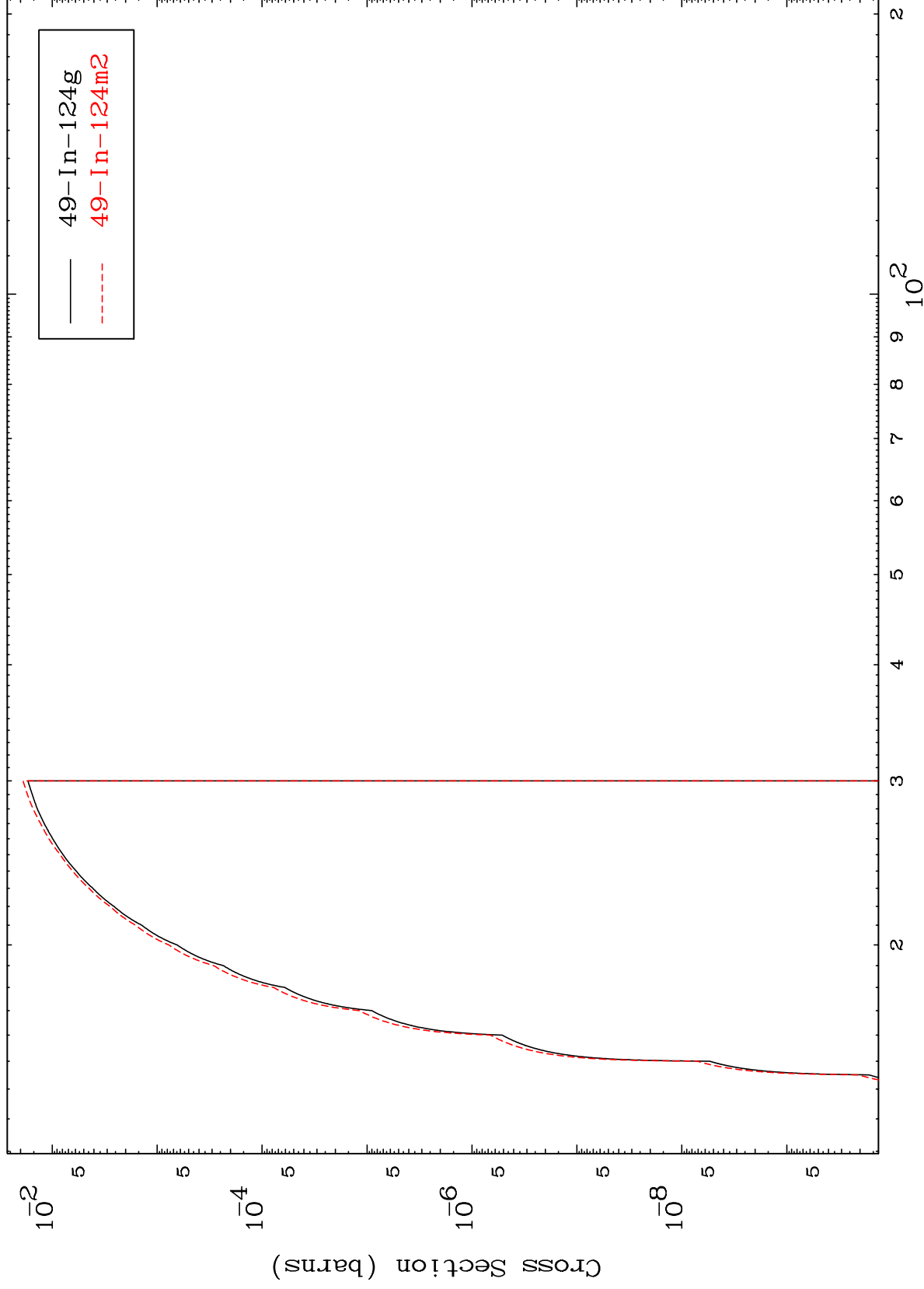
50-Sn-125

MAT 5064

(n,n') p

50-Sn-125

Radionuclide Production Cross Section



124

Incident Energy (MeV)

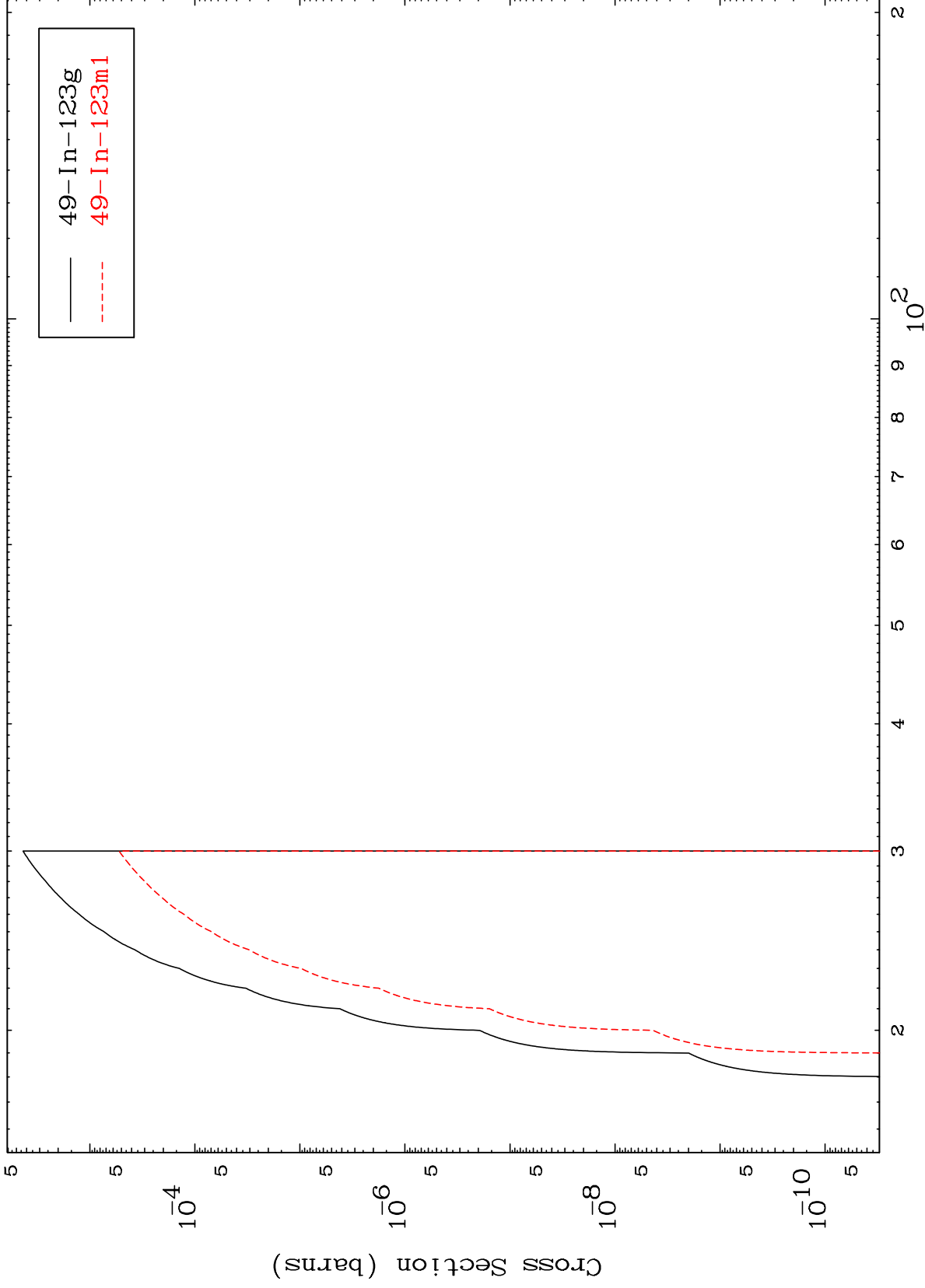
50-Sn-125

MAT 5064

(n,n') d

50-Sn-125

Radionuclide Production Cross Section

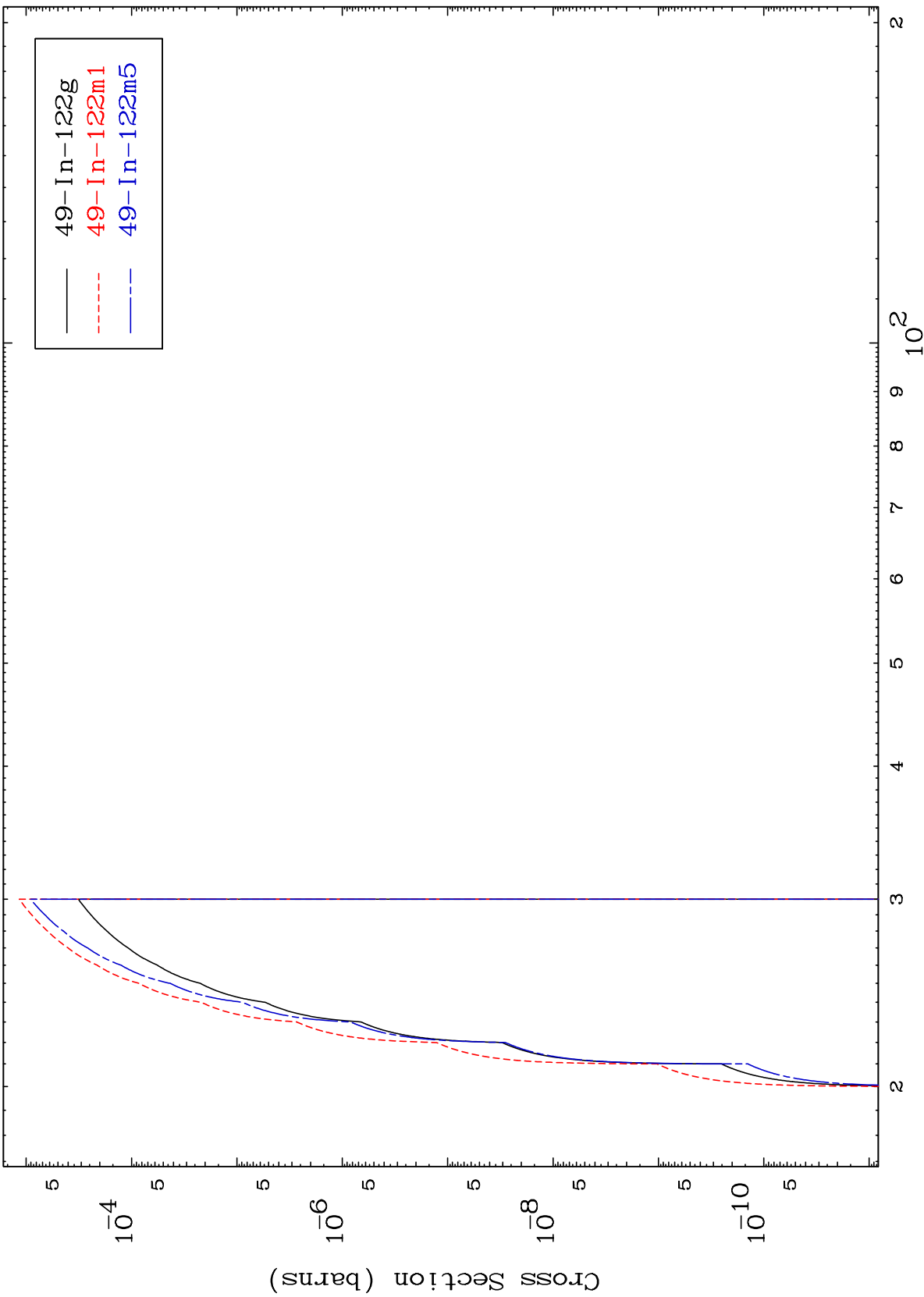


125

Incident Energy (MeV)

50-Sn-125

Radionuclide Production Cross Section

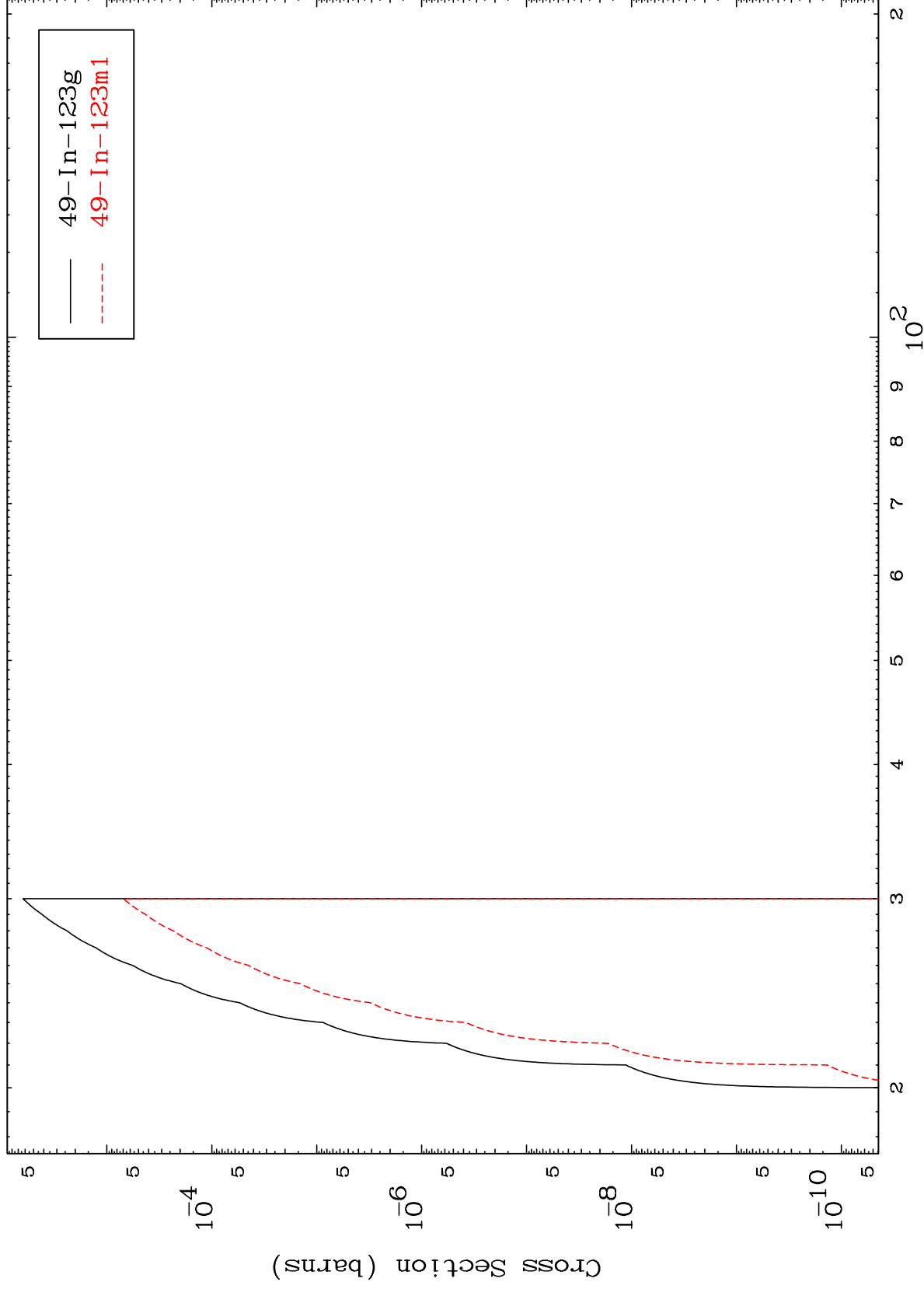


MAT 5064

(n,2n) p

50-Sn-125

Radionuclide Production Cross Section



127

Incident Energy (MeV)

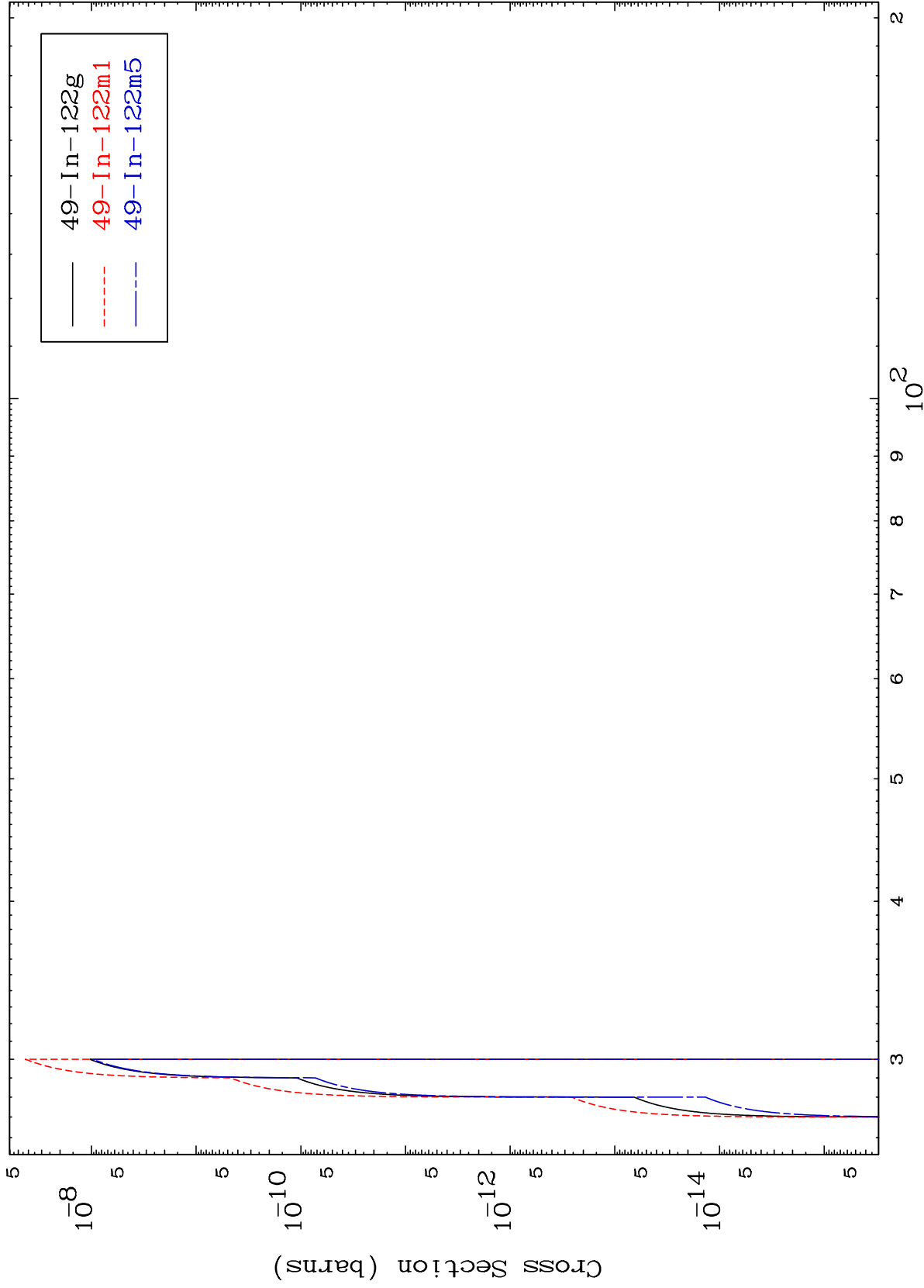
50-Sn-125

MAT 5064

(n,3n) p

50-Sn-125

Radionuclide Production Cross Section



128

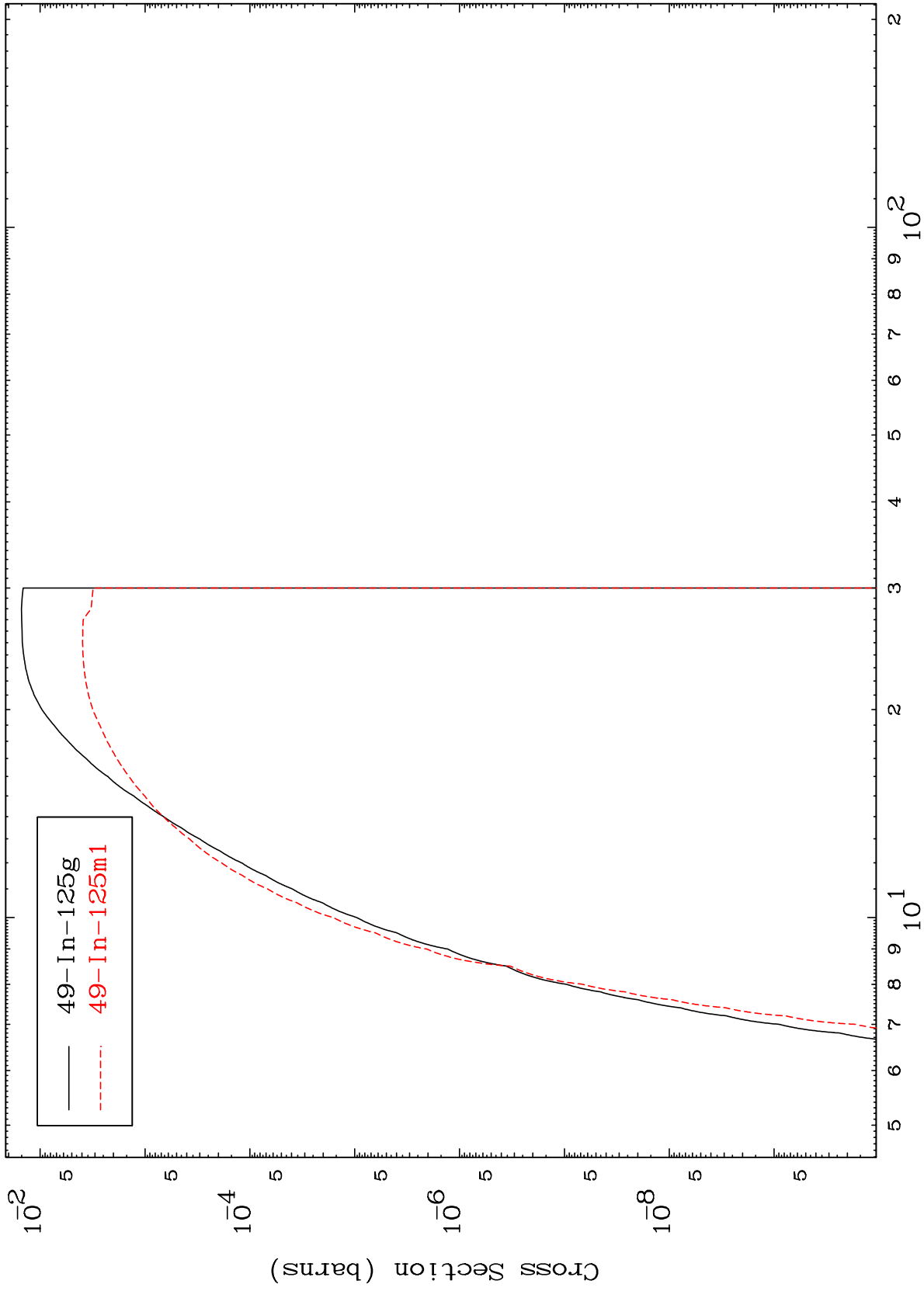
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

(n,p)
Radionuclide Production Cross Section



129

Incident Energy (MeV)

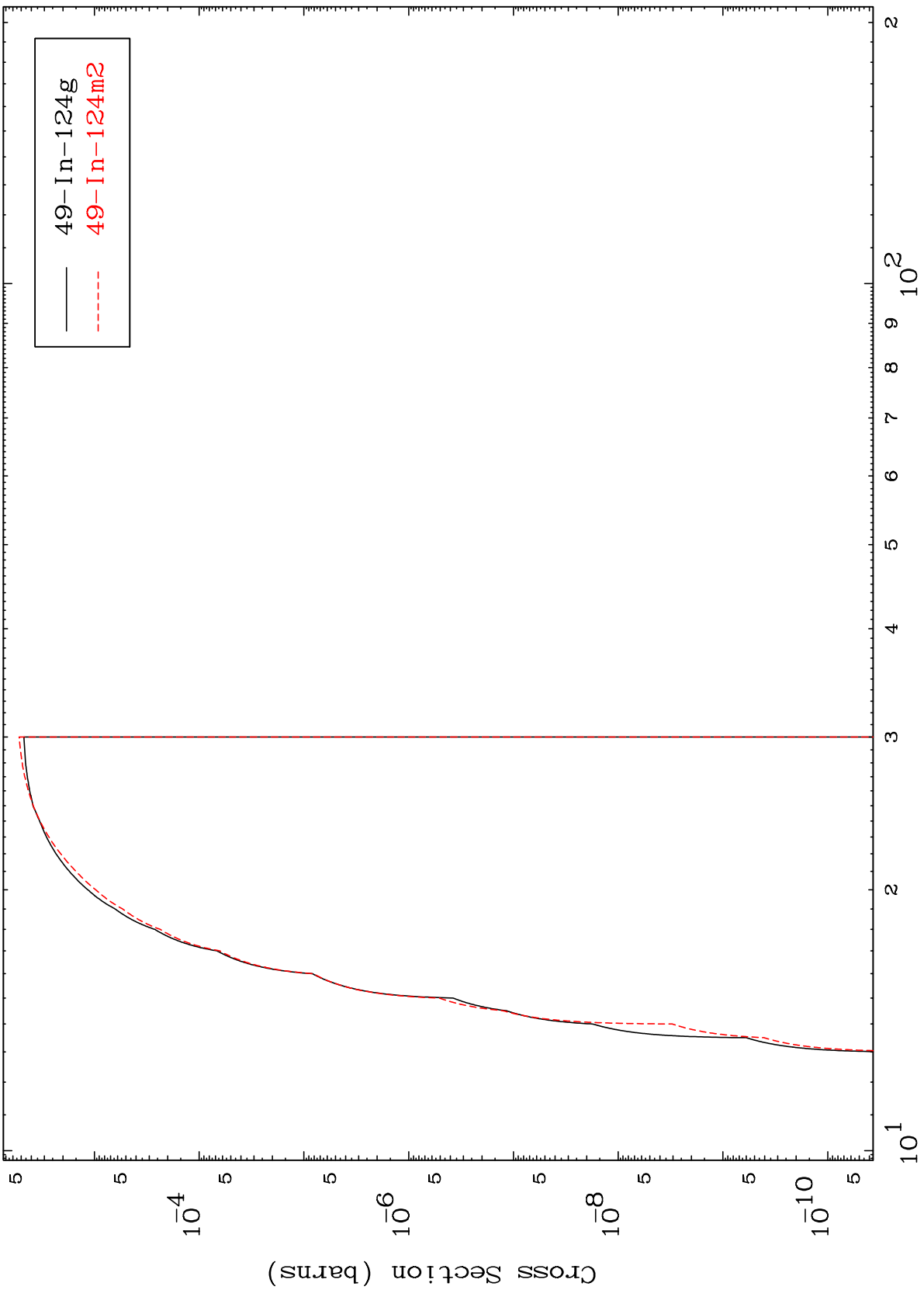
50-Sn-125

MAT 5064

(n,d)

50-Sn-125

Radionuclide Production Cross Section



Incident Energy (MeV)

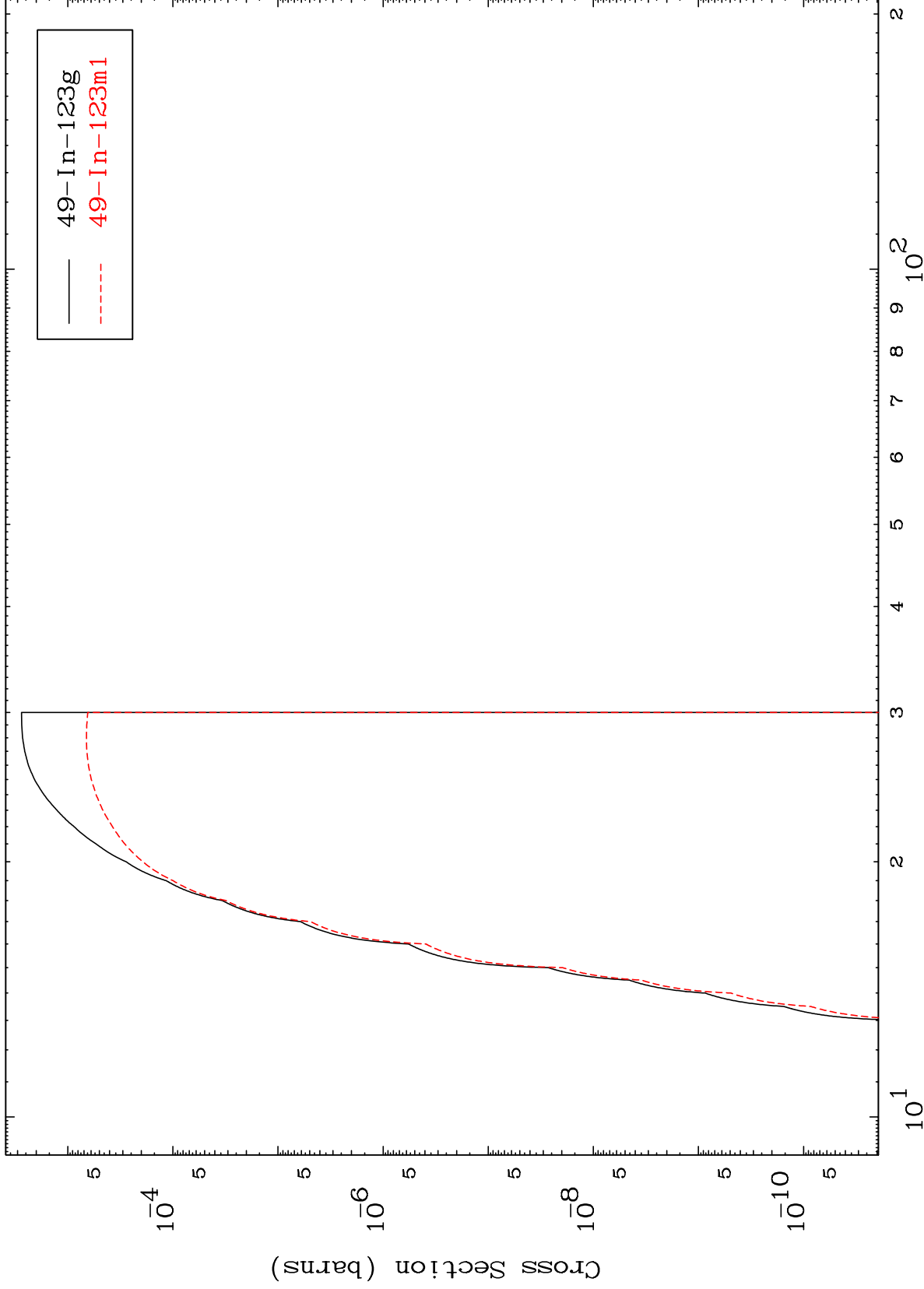
50-Sn-125

MAT 5064

(n, t)

50-Sn-125

Radionuclide Production Cross Section



131

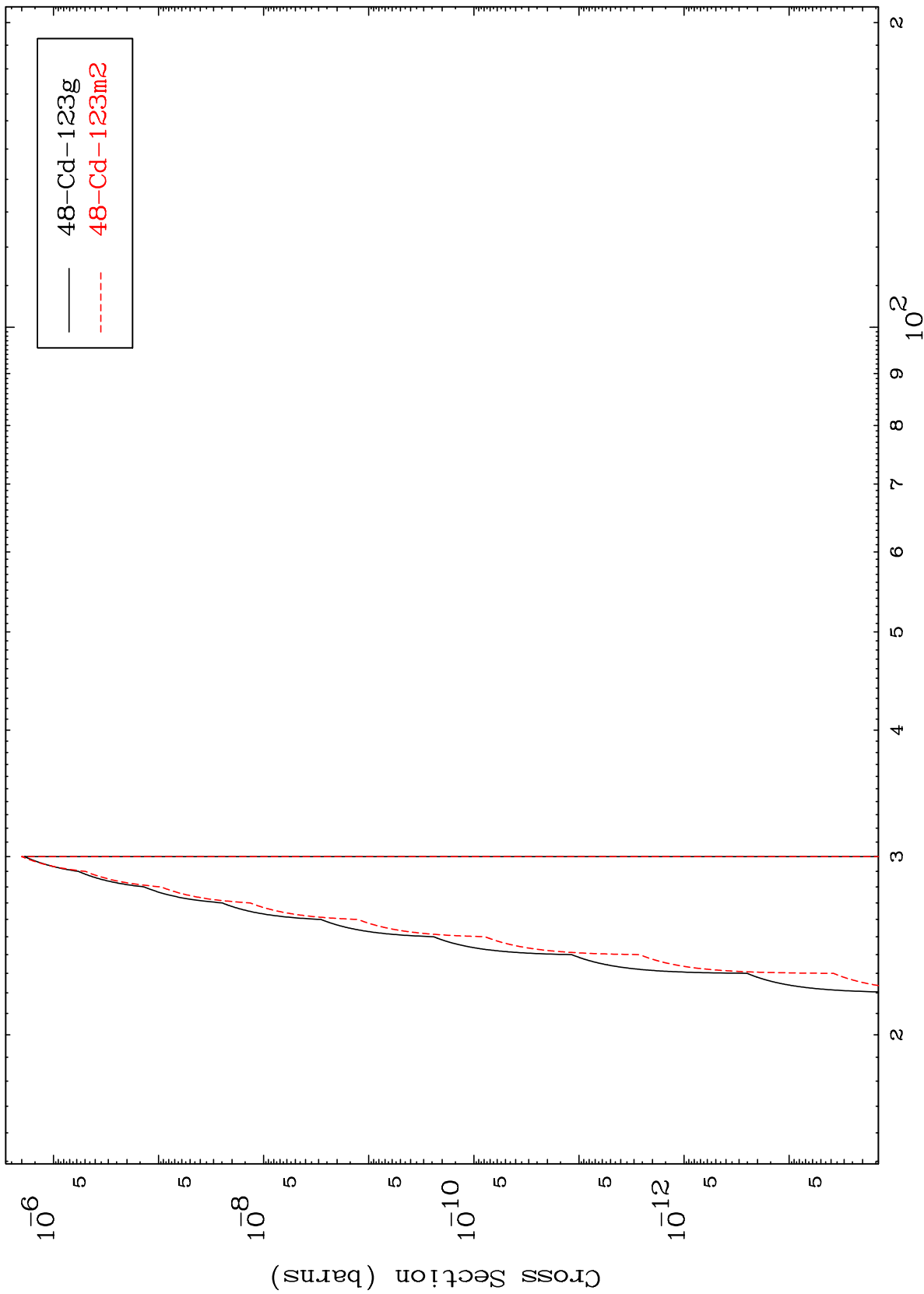
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

(n,He-3)
Radionuclide Production Cross Section



132

50-Sn-125

Incident Energy (MeV)