

Program EVALPLOT
(Version 2021-1)

by

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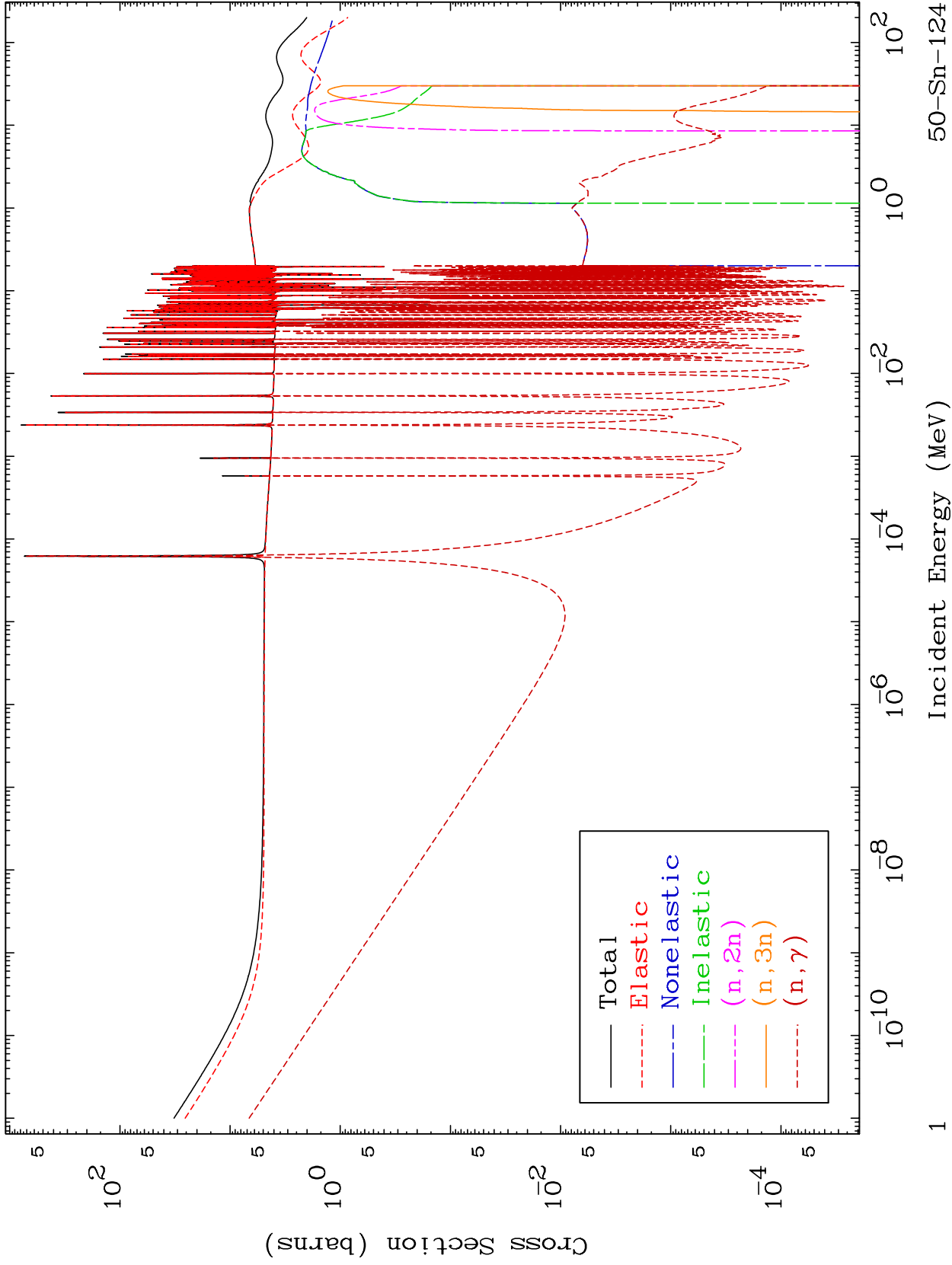
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Press Mouse Button to Start

MAT 5061

Neutron Major
293 Kelvin Cross Sections

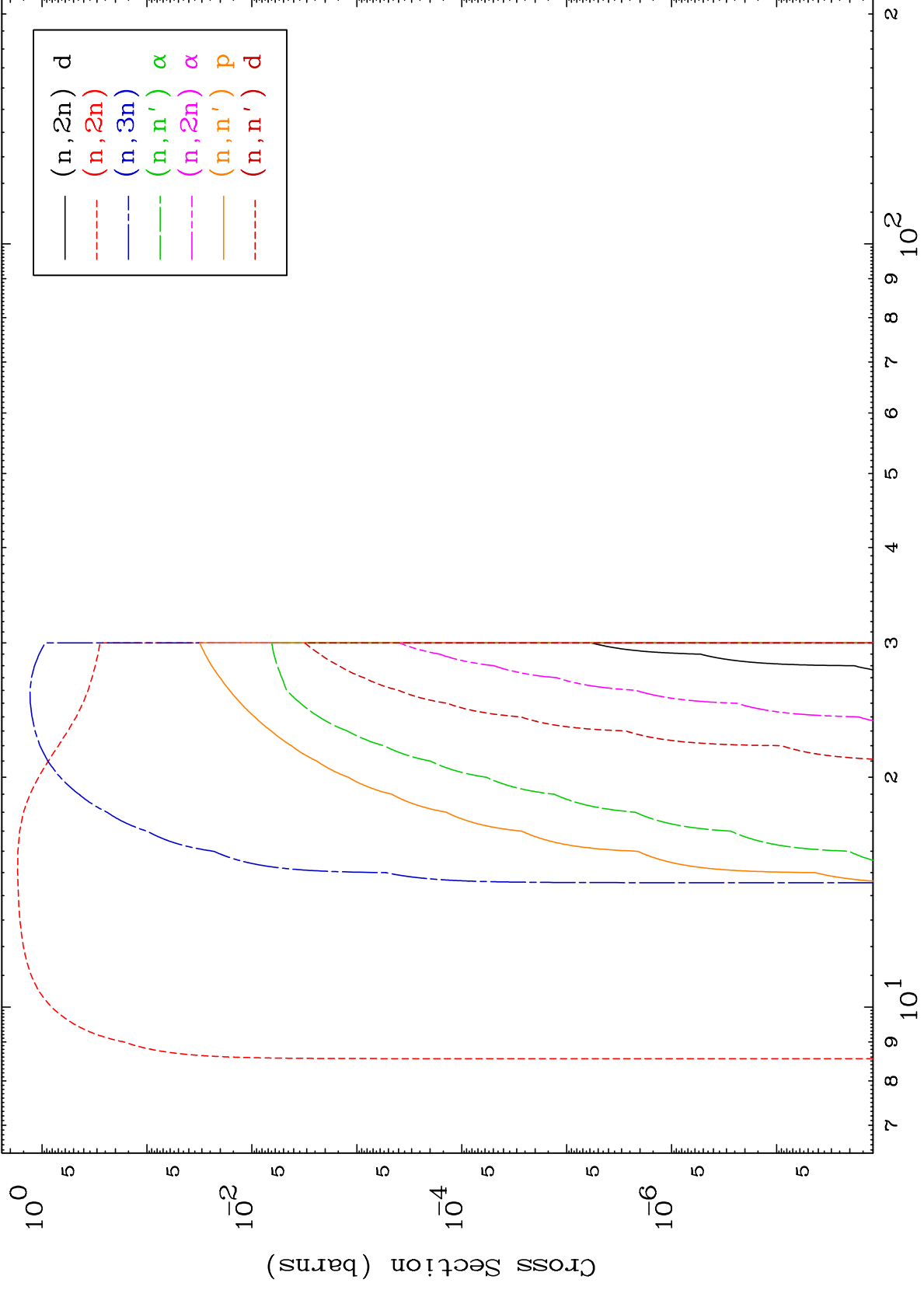
50-Sn-124



MAT 5061

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-124



2

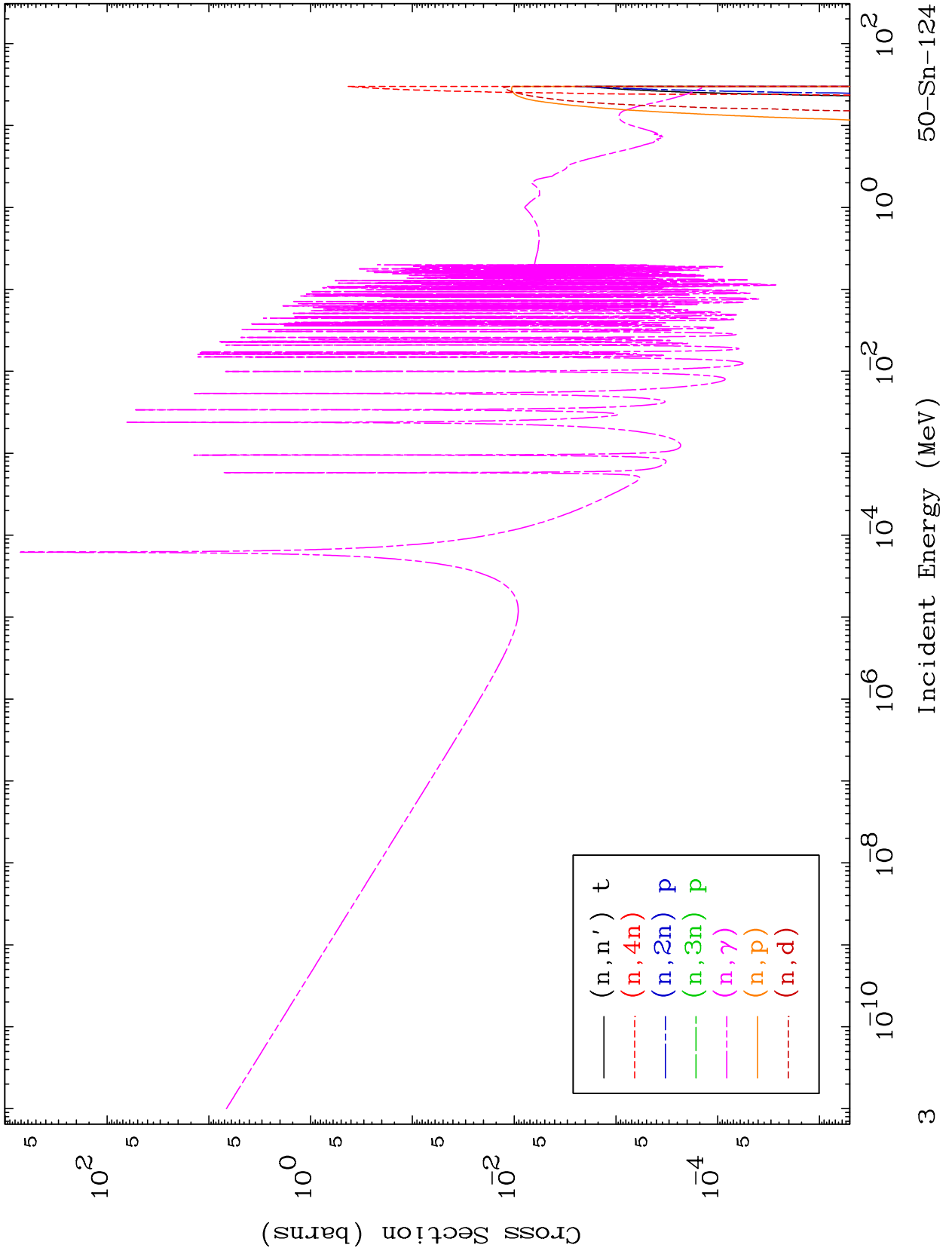
Incident Energy (MeV)

50-Sn-124

MAT 5061

Neutron Absorption
293 Kelvin Cross Sections

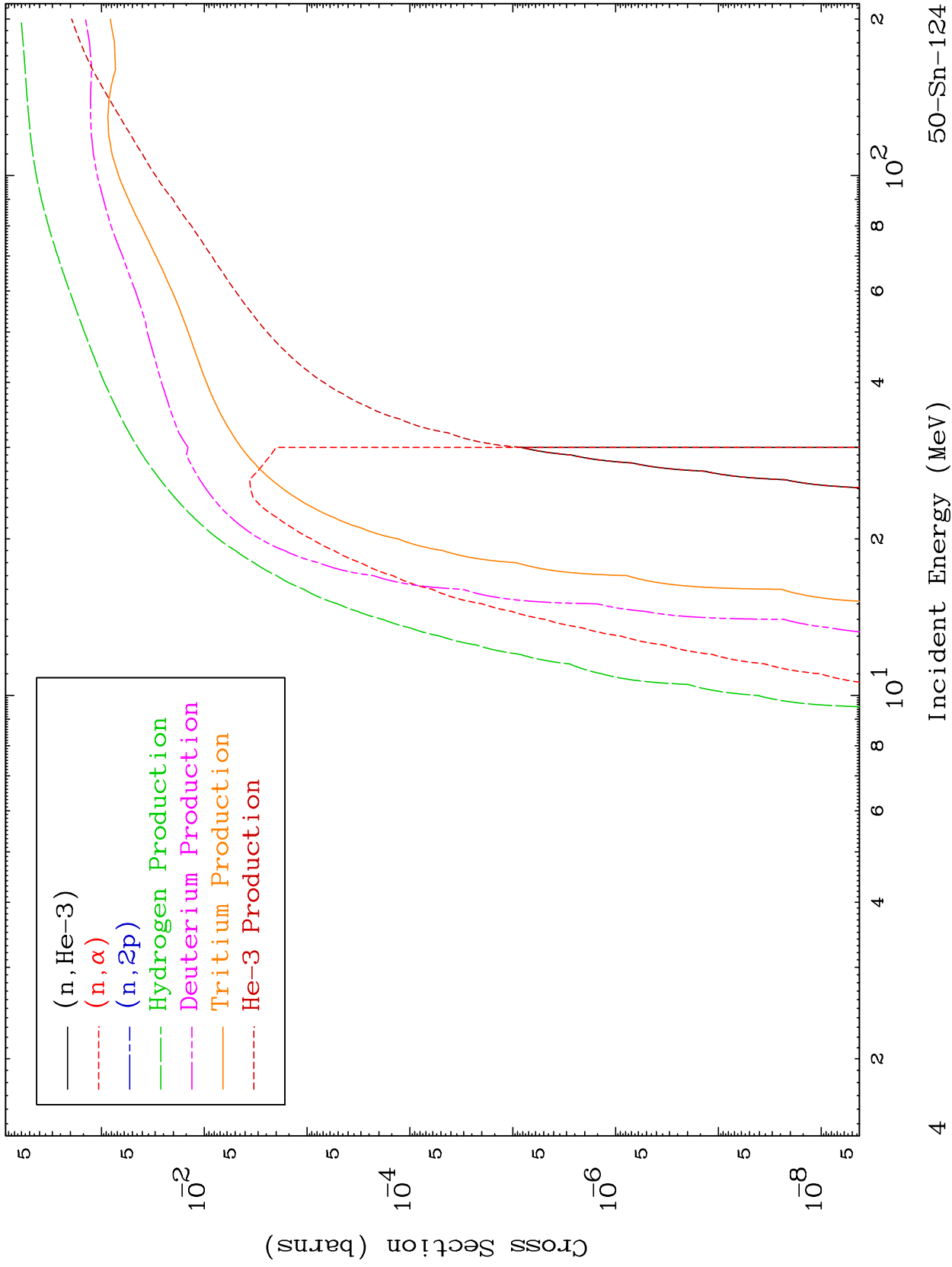
50-Sn-124



MAT 5061

Neutron Absorption
293 Kelvin Cross Sections

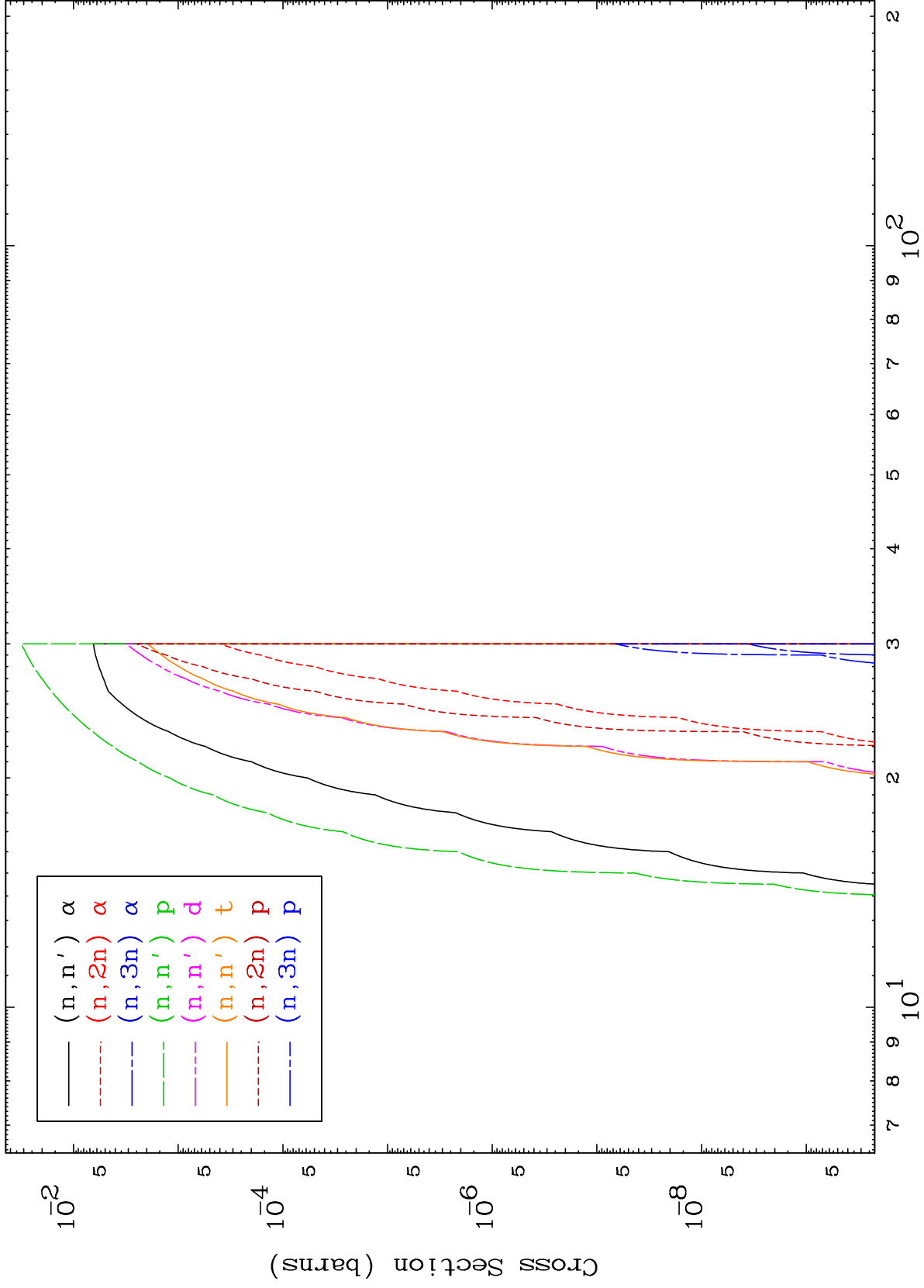
50-Sn-124



MAT 5061

Charged Particle
293 Kelvin Cross Sections

50-Sn-124



5

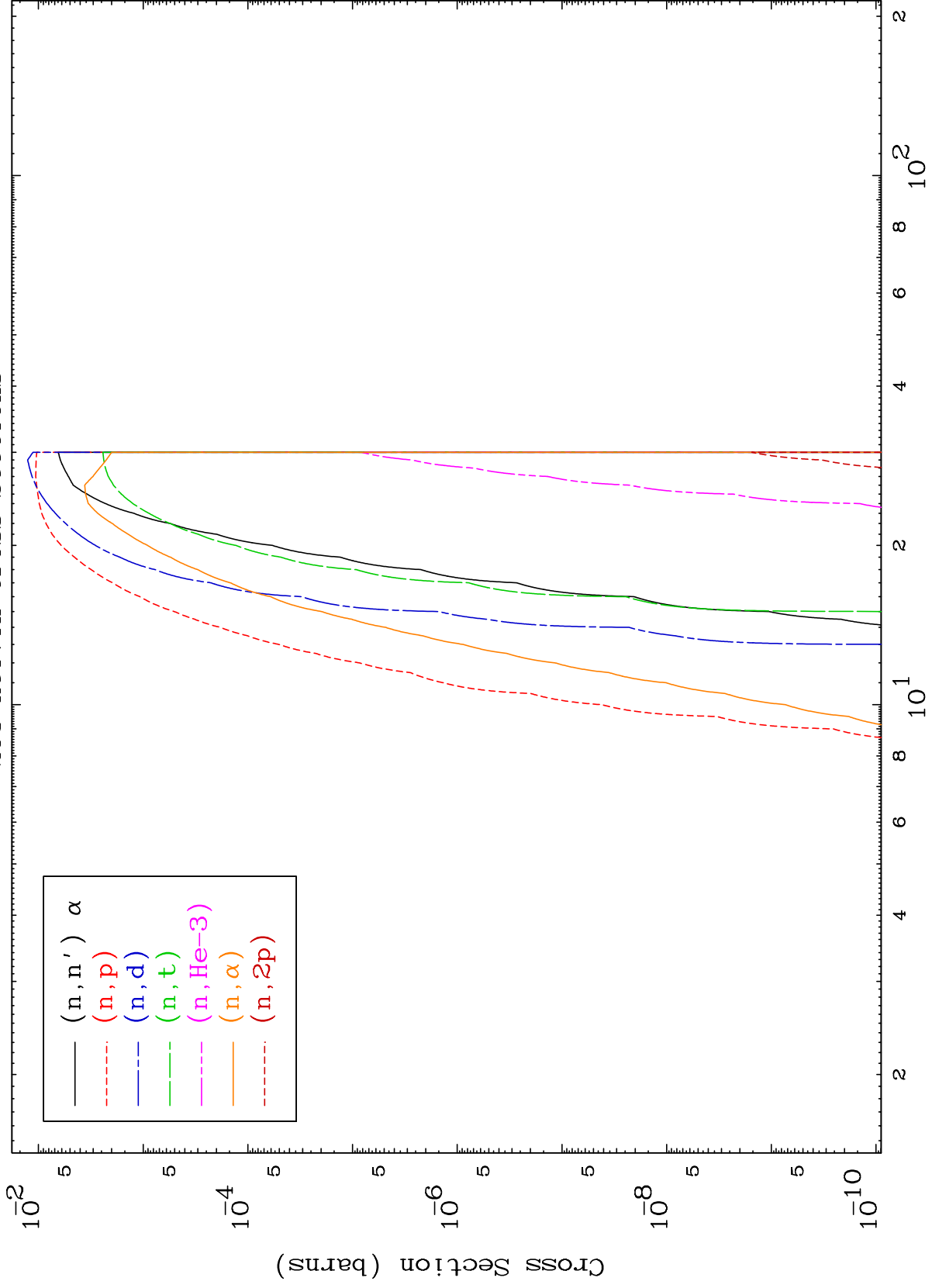
Incident Energy (MeV)

50-Sn-124

MAT 5061

Charged Particle
293 Kelvin Cross Sections

50-Sn-124



6

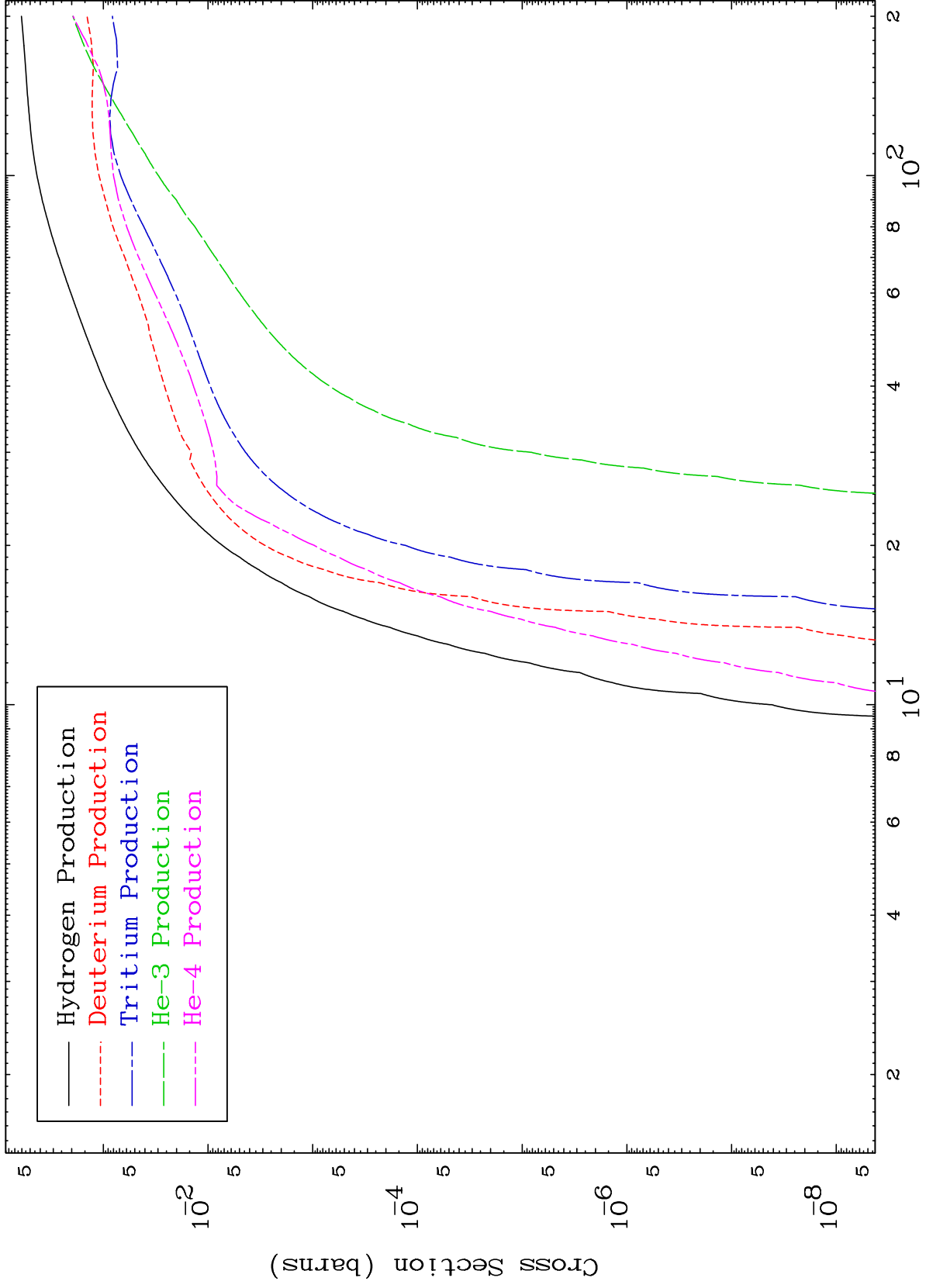
Incident Energy (MeV)

50-Sn-124

MAT 5061

Particle Production
293 Kelvin Cross Sections

50-Sn-124

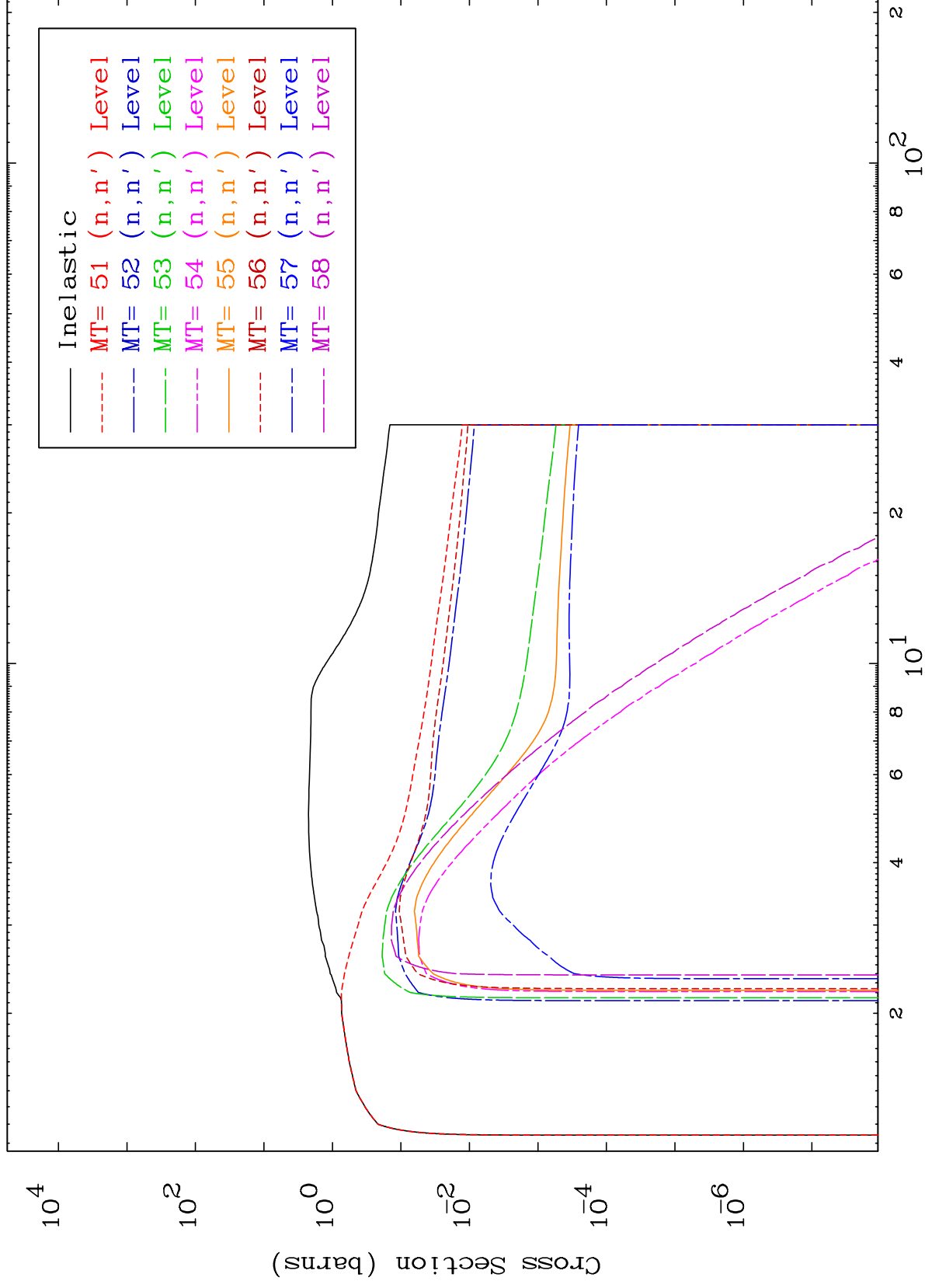


MAT 5061

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-124



8

Incident Energy (MeV)

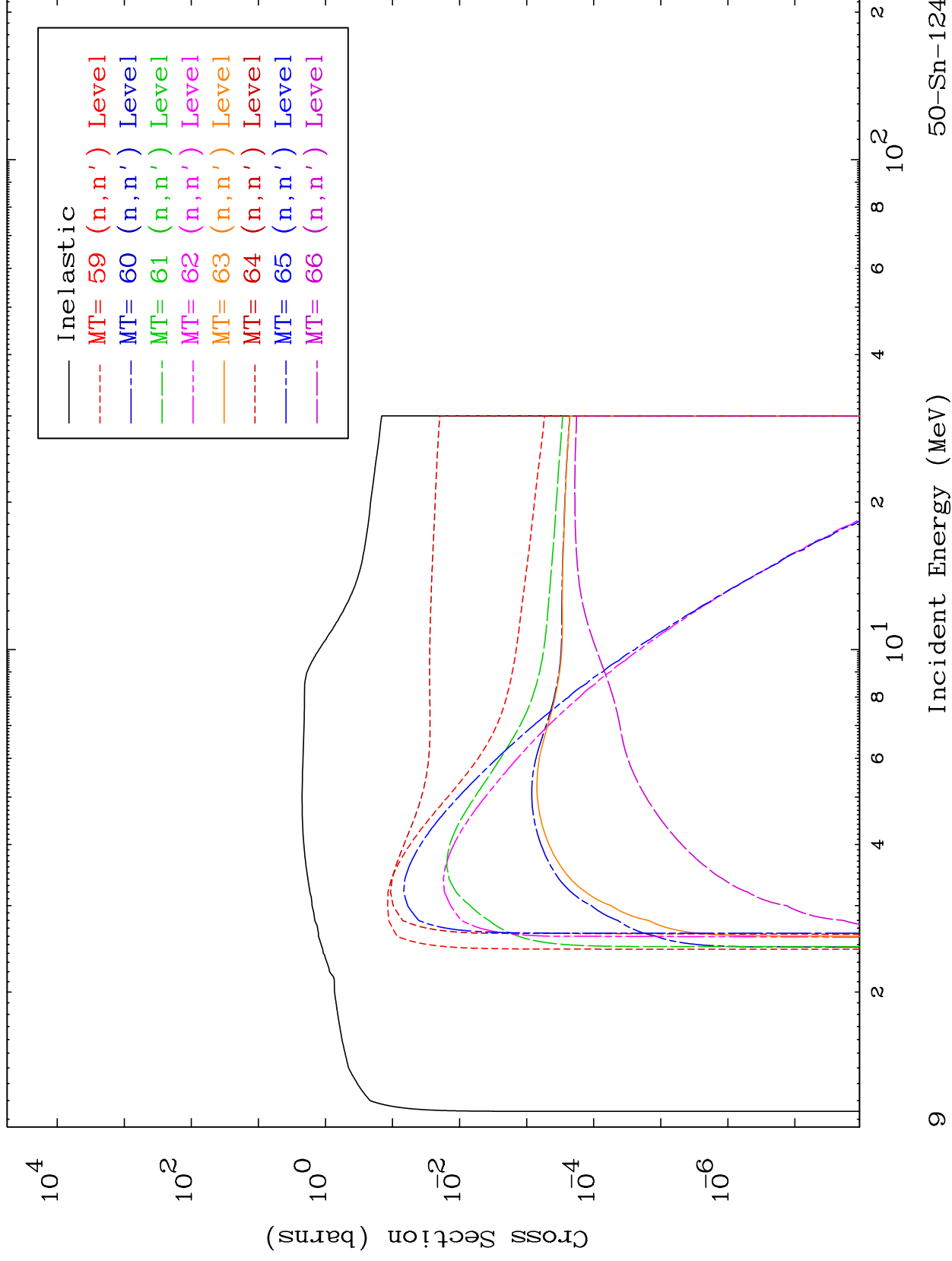
50-Sn-124

MAT 5061

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-124

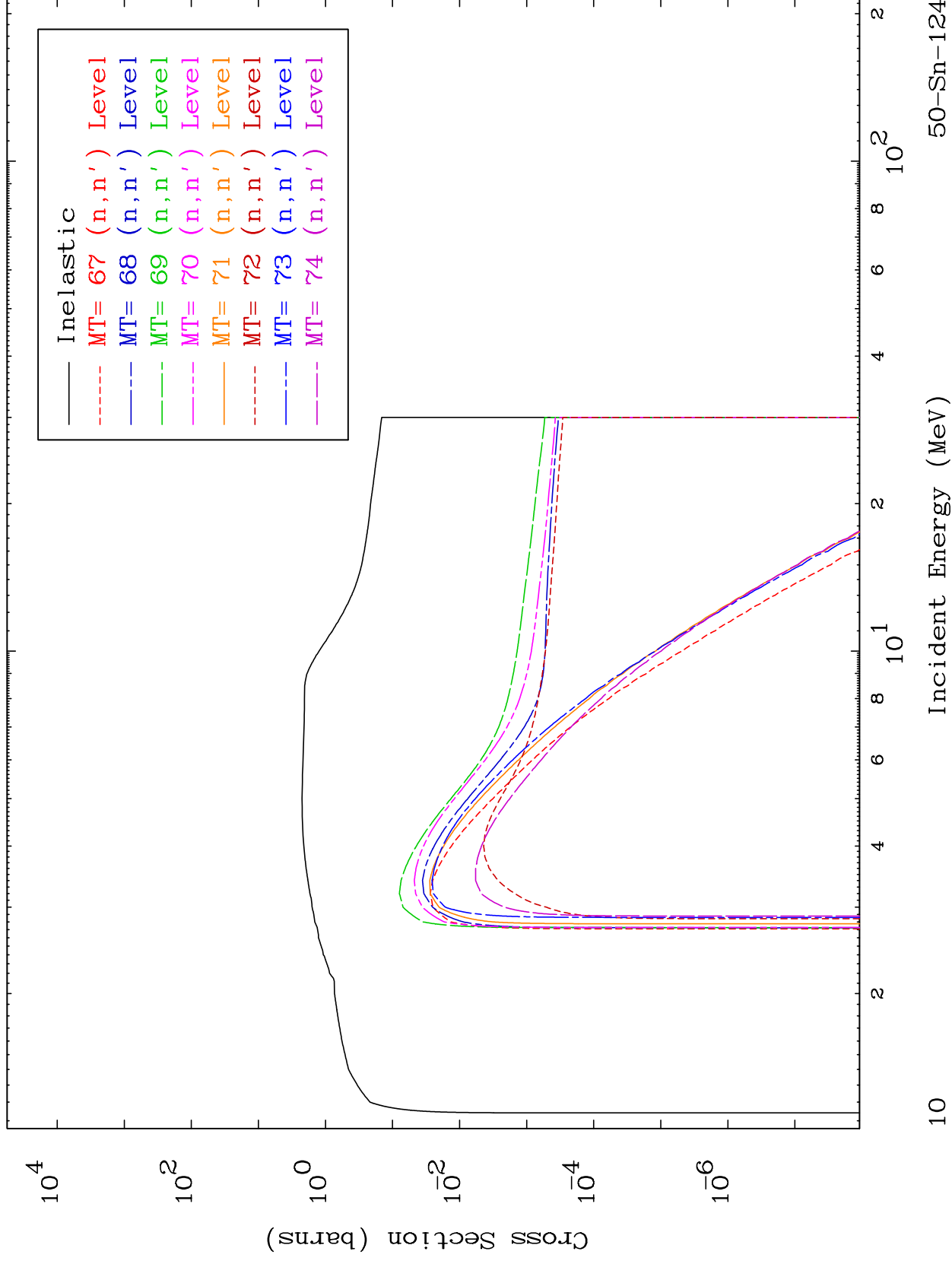


MAT 5061

(n,n') Levels

293 Kelvin Cross Sections

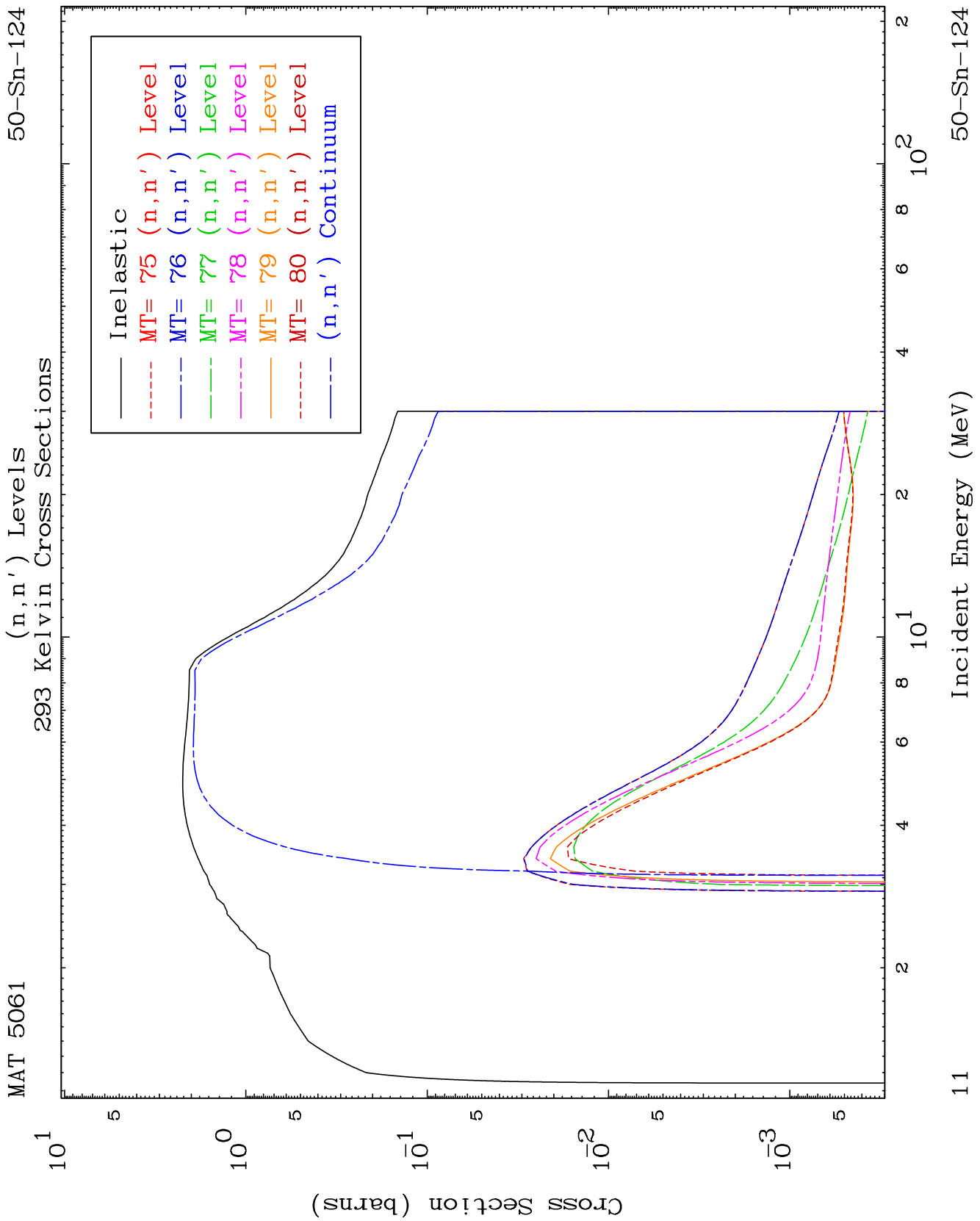
50-Sn-124



10

Incident Energy (MeV)

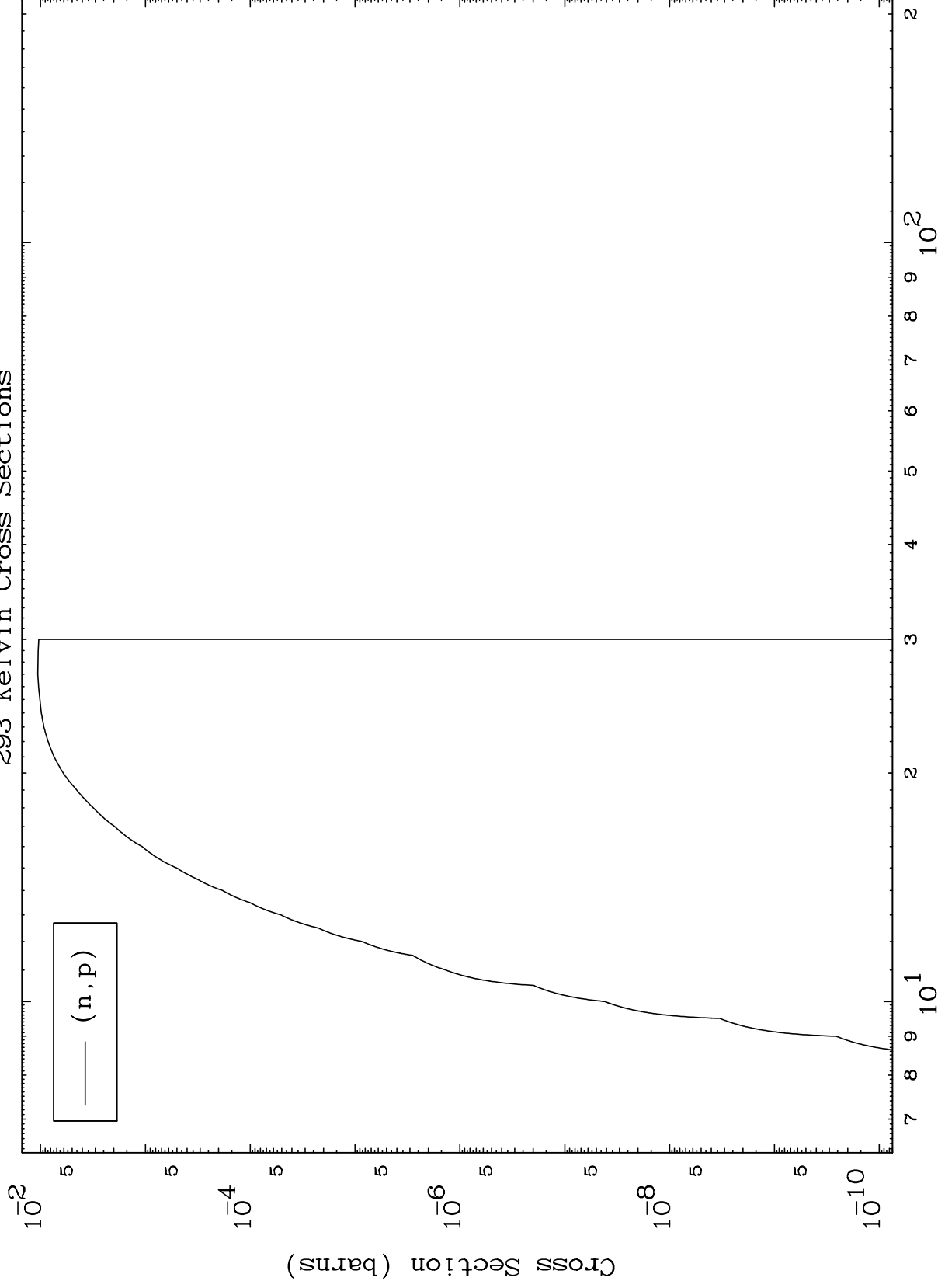
50-Sn-124



MAT 5061

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-124



12

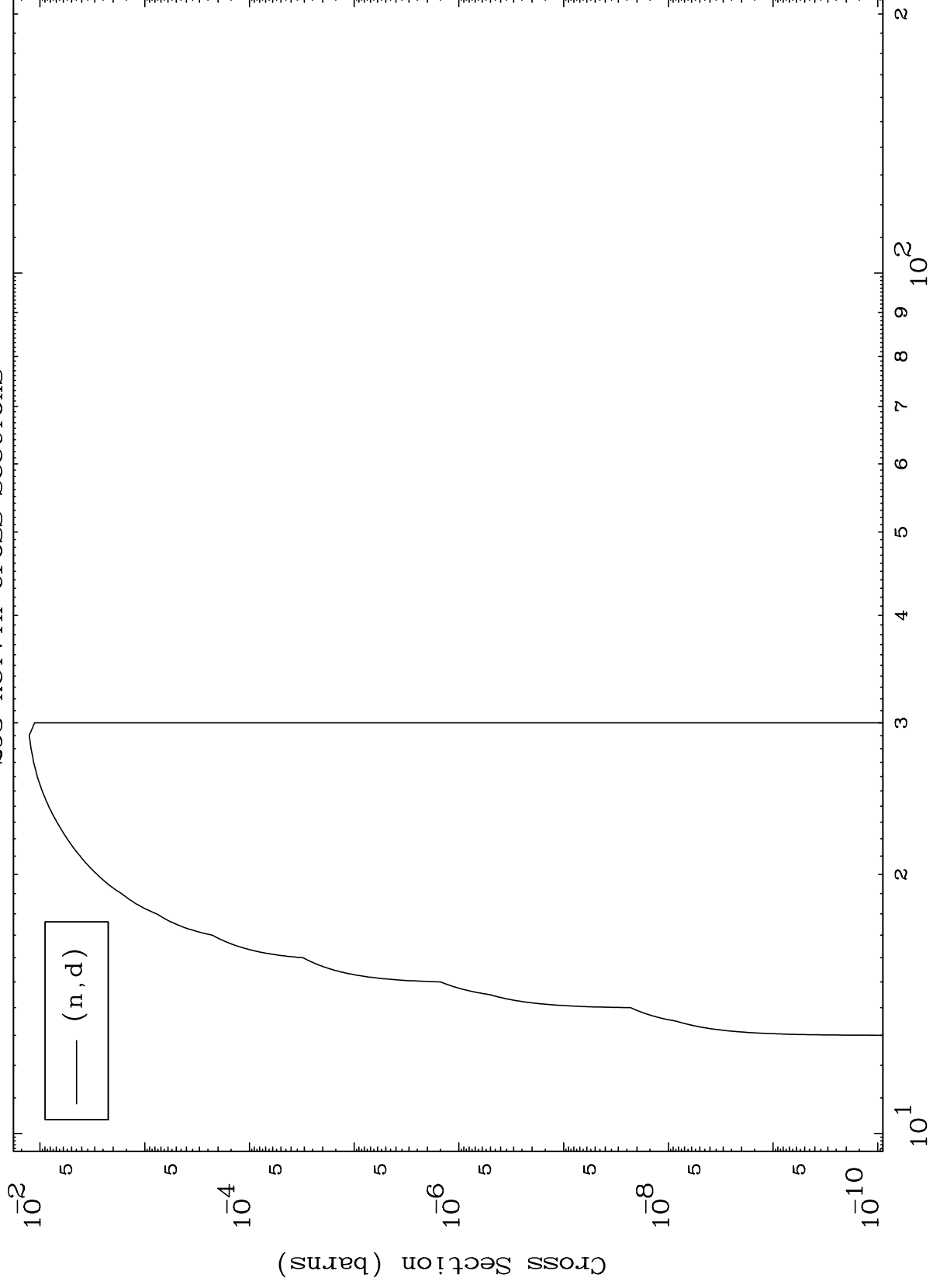
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-124



13

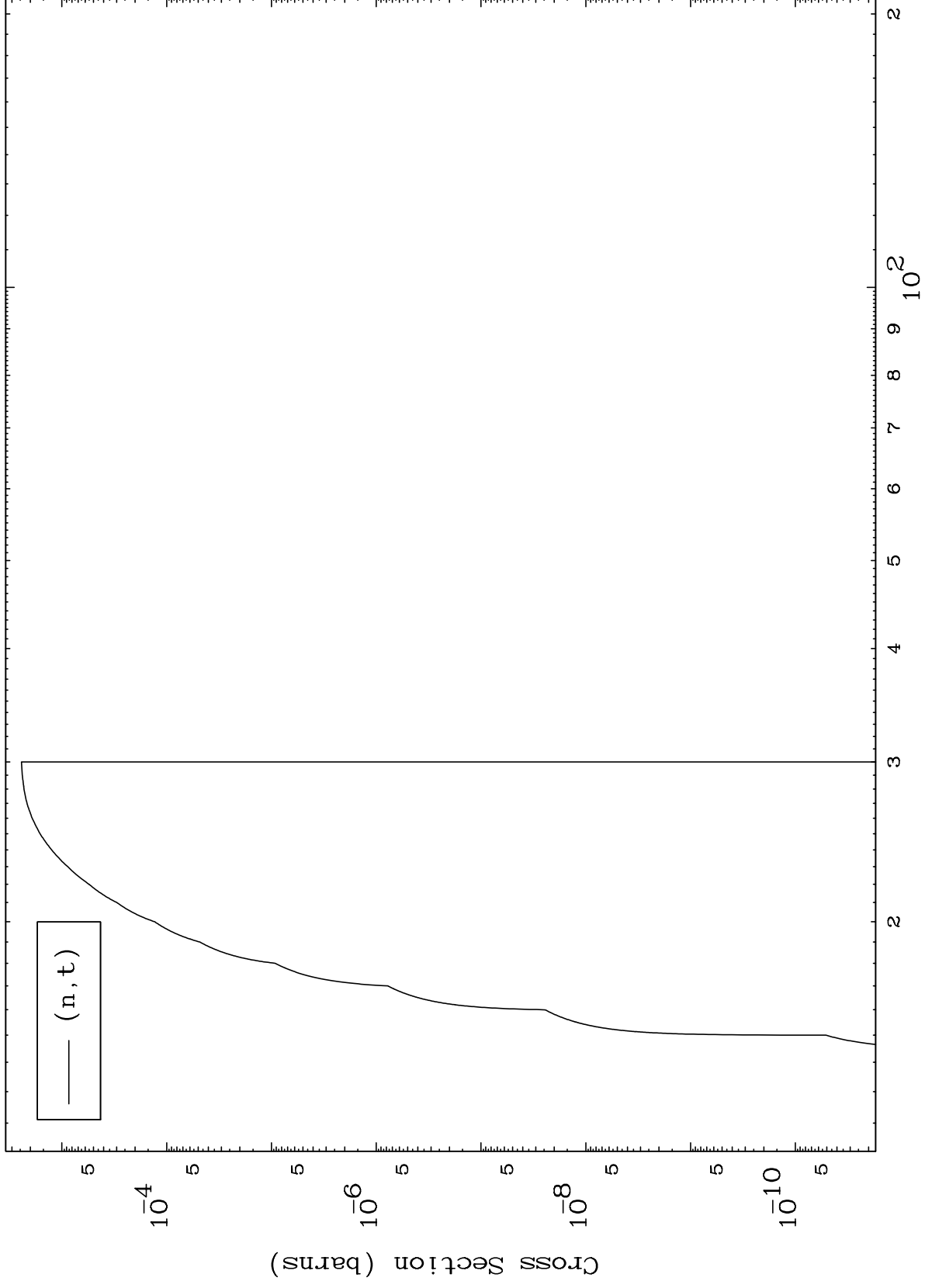
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-124



14

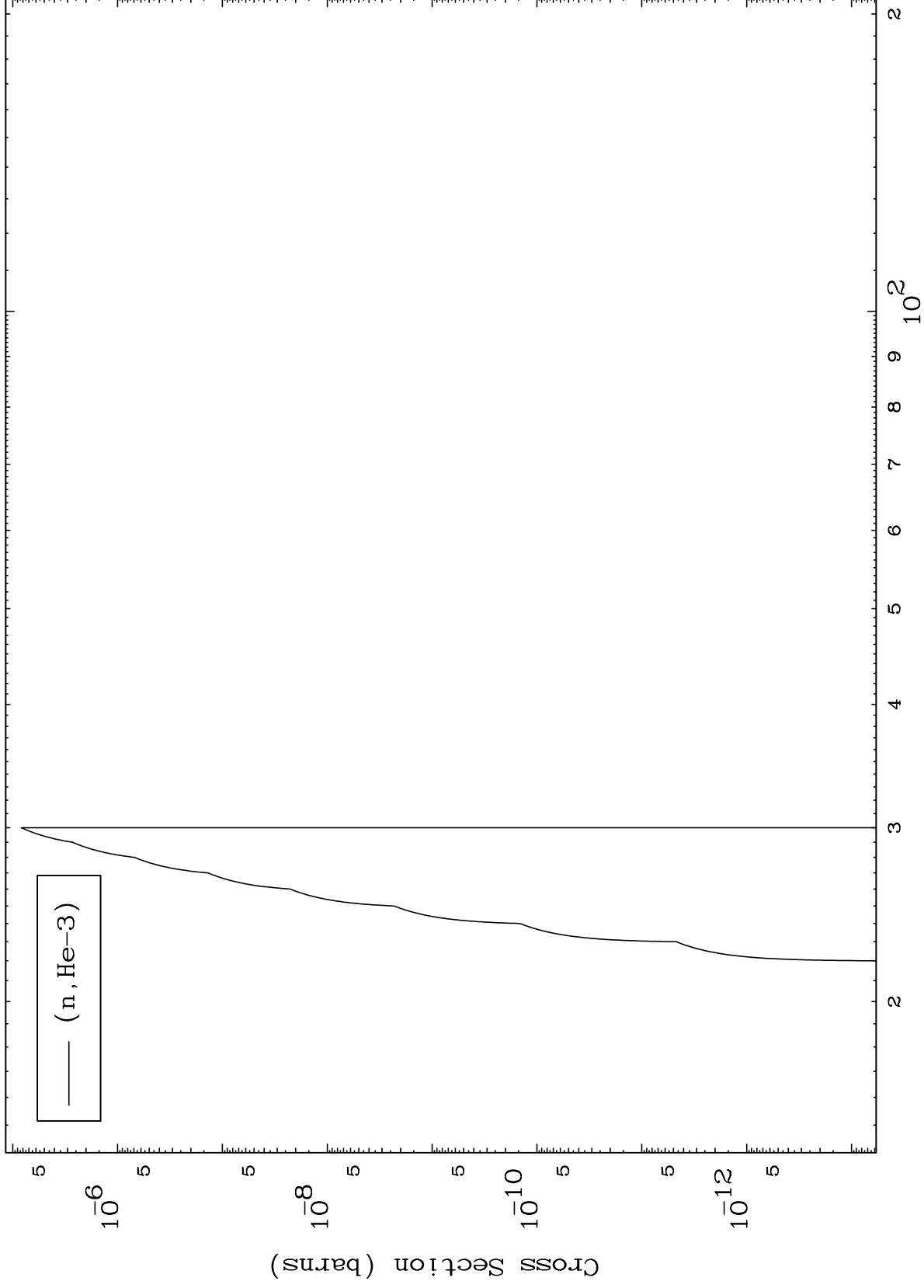
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-124



15

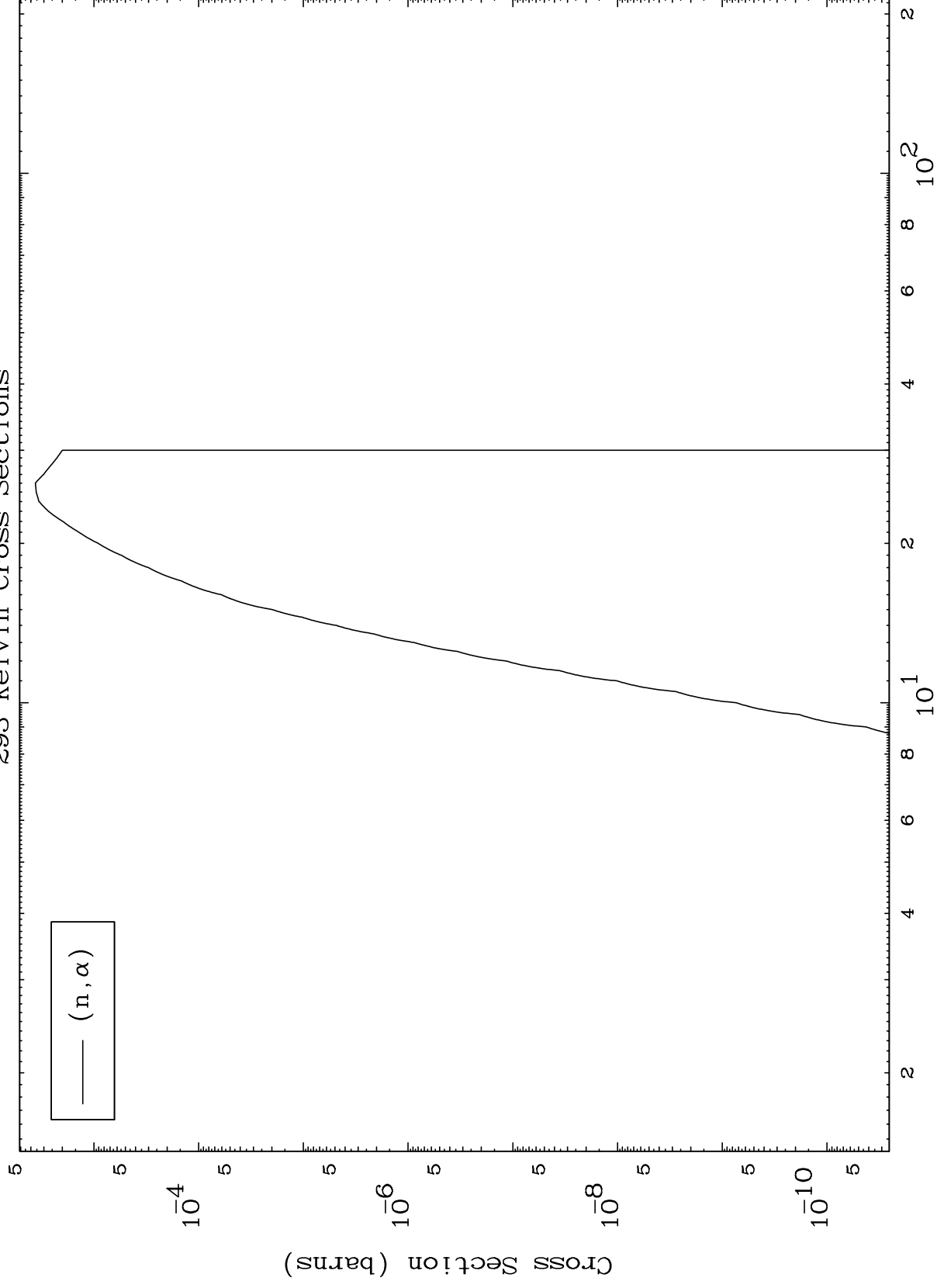
Incident Energy (MeV)

50-Sn-124

MAT 5061

(n, α) Levels
293 Kelvin Cross Sections

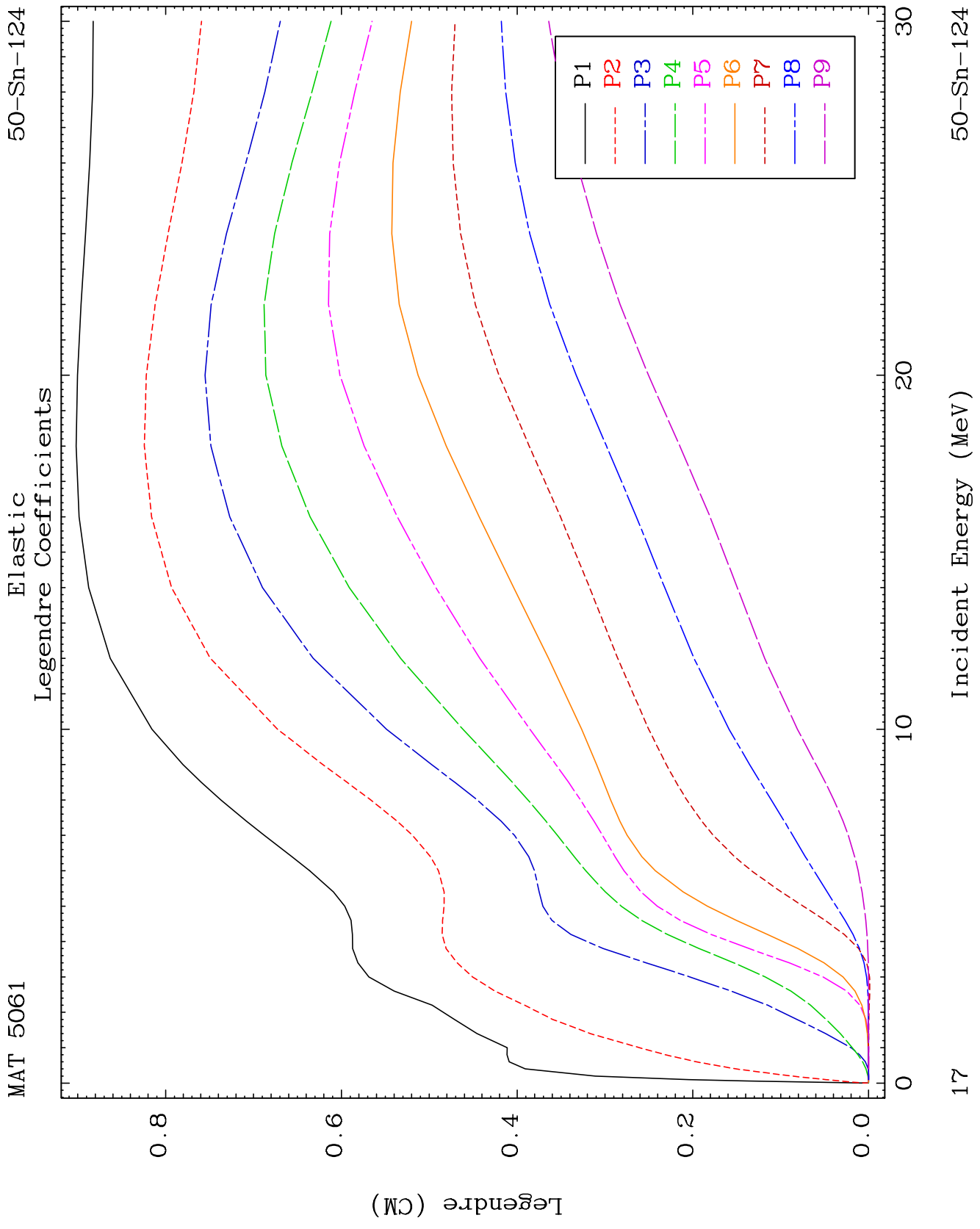
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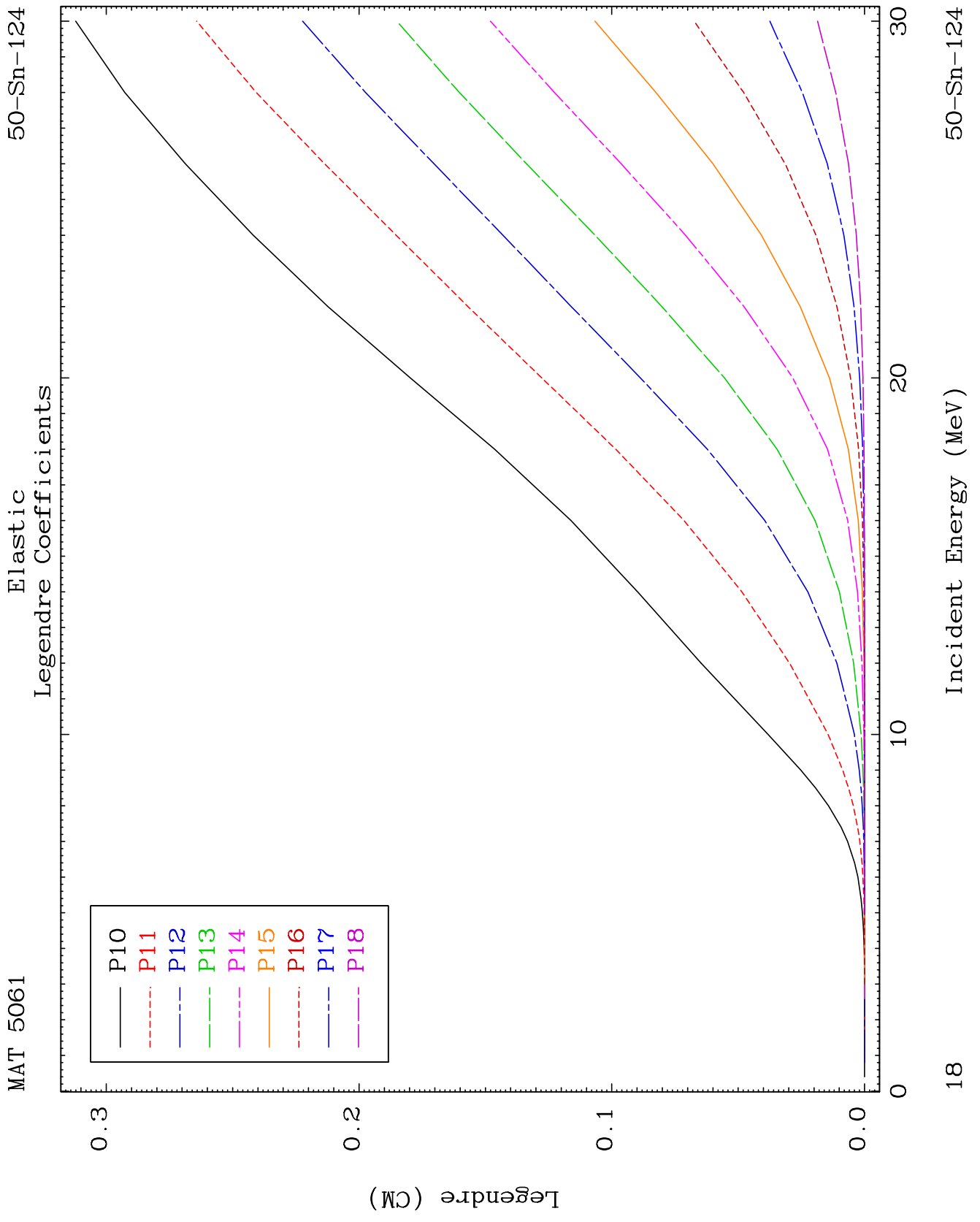


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Incident Energy (MeV)

50-Sn-124

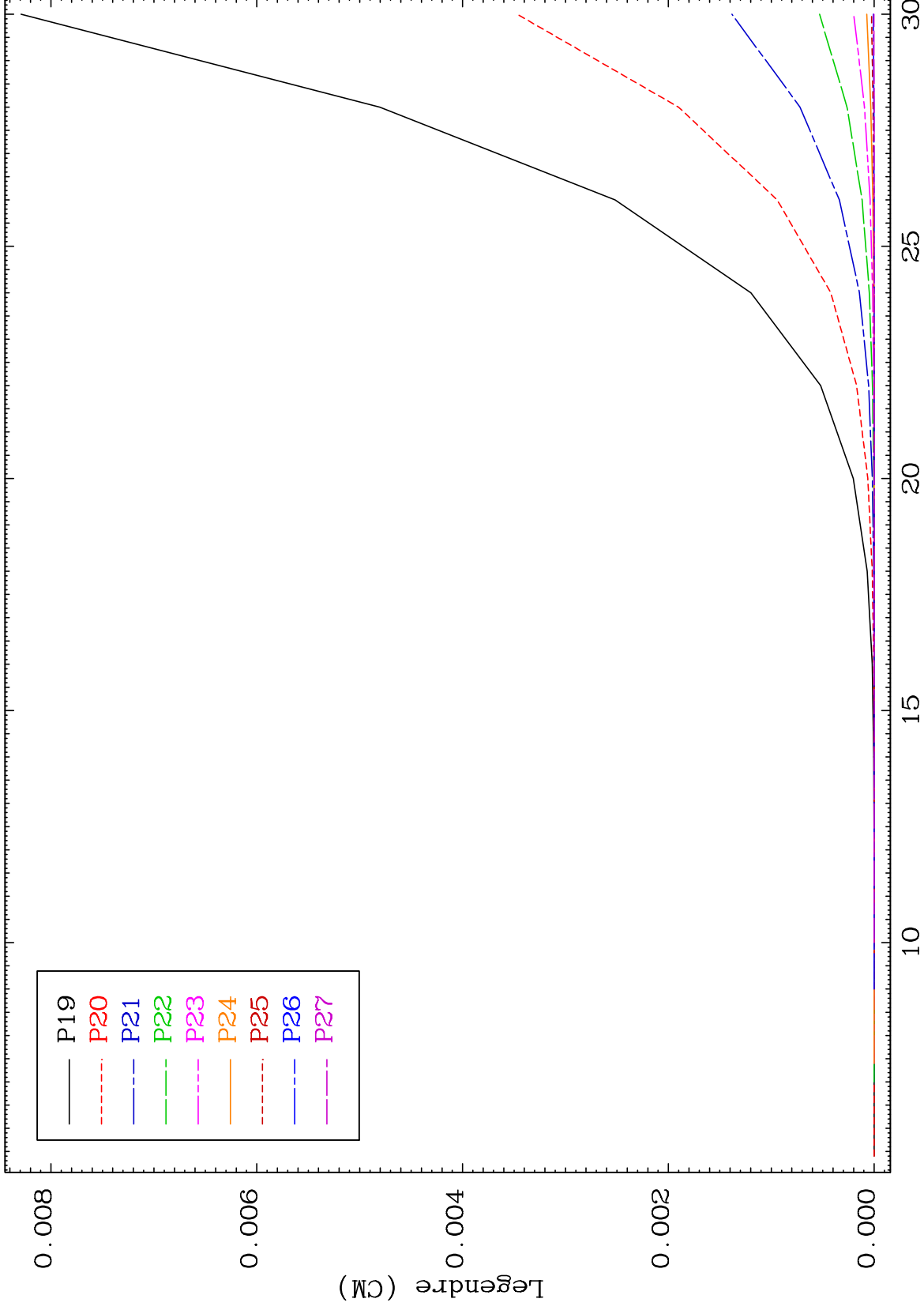




MAT 5061

Elastic
Legendre Coefficients

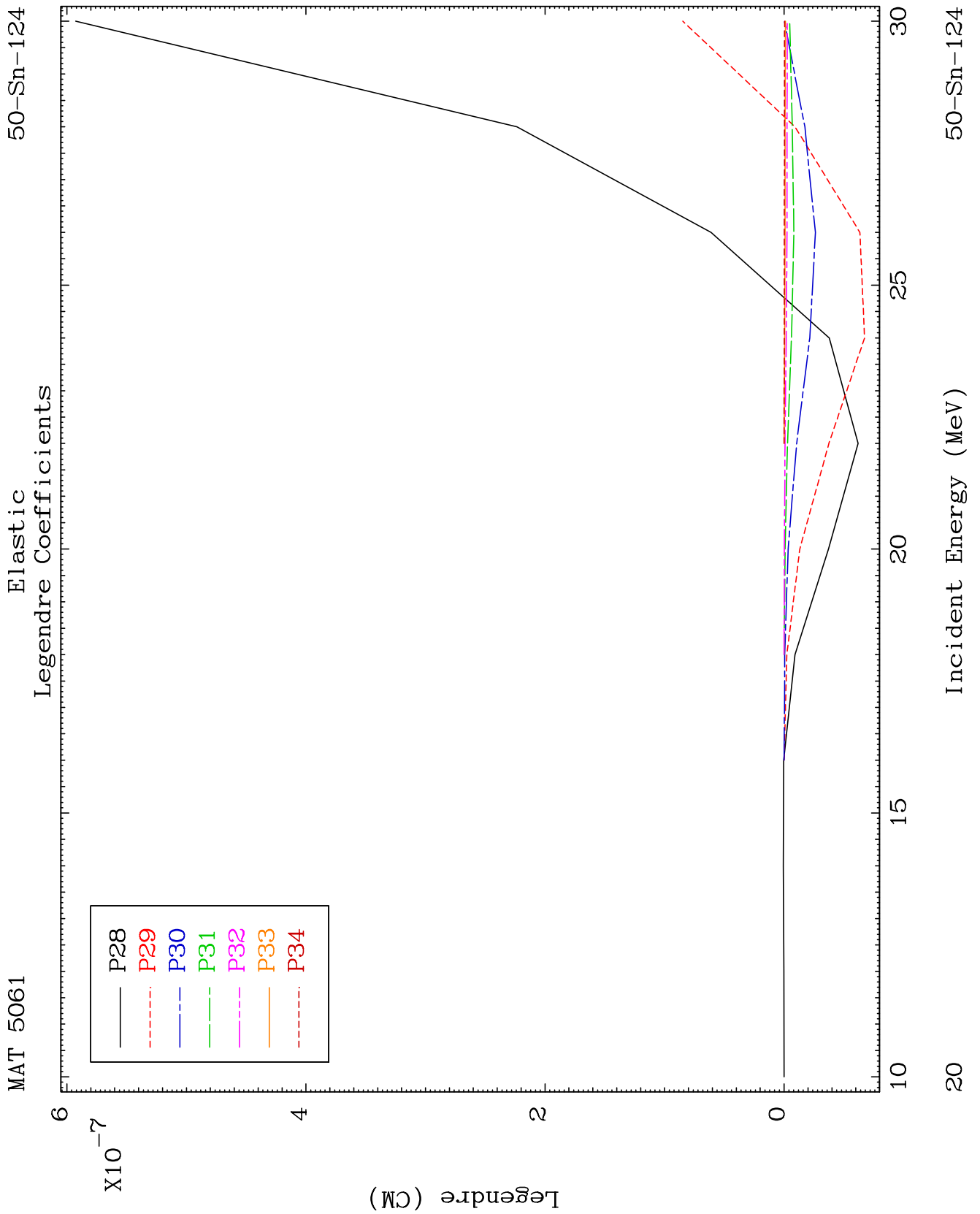
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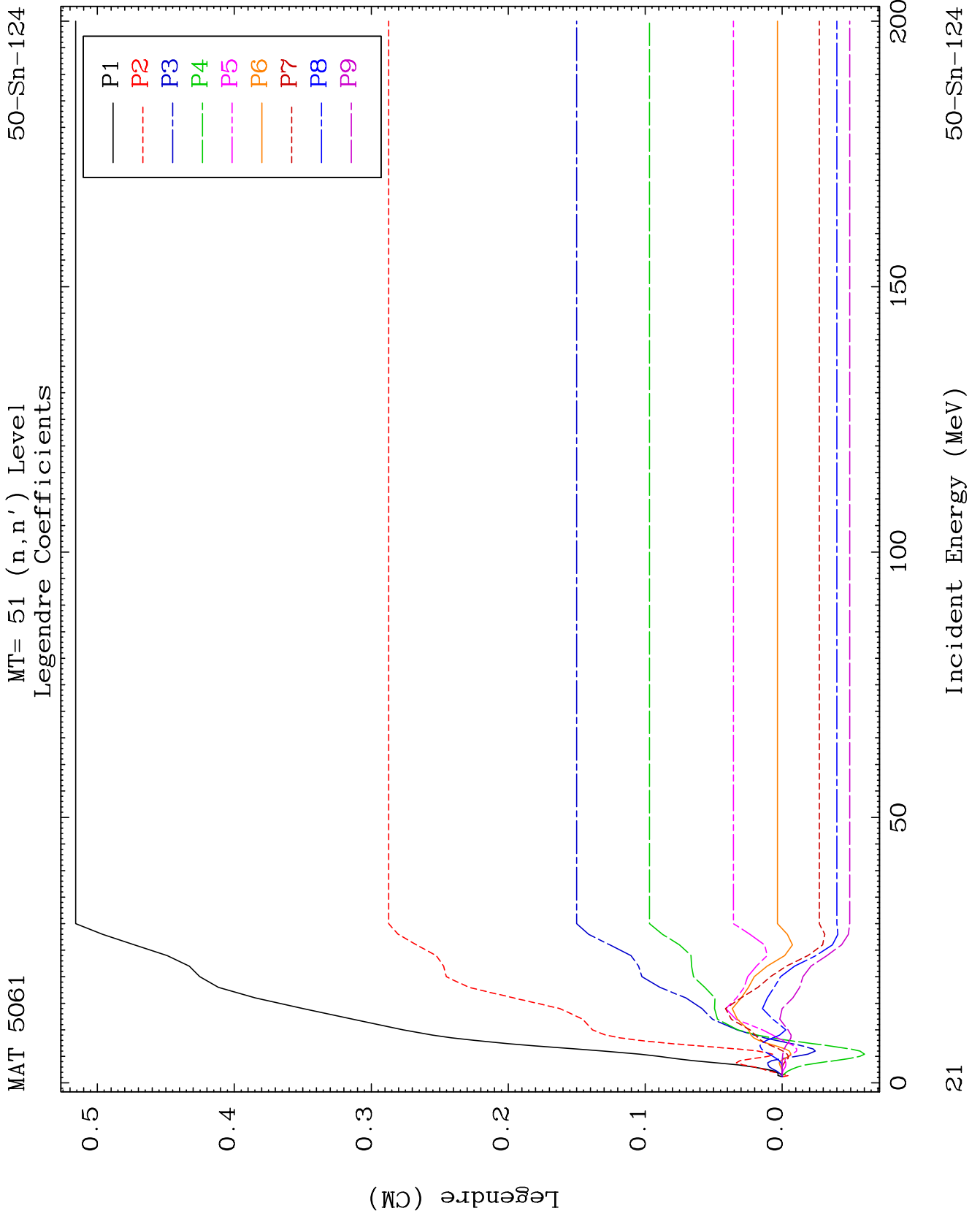


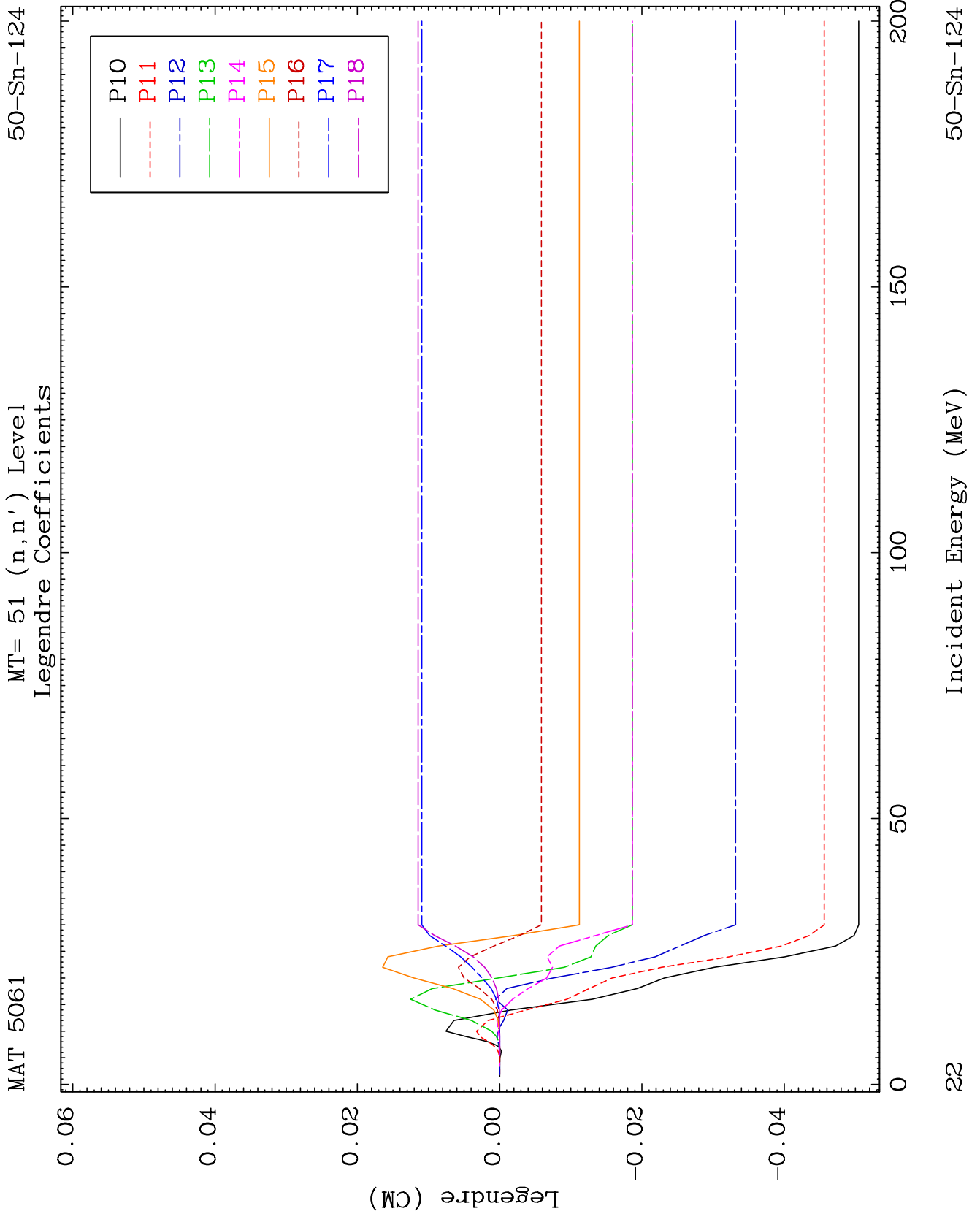
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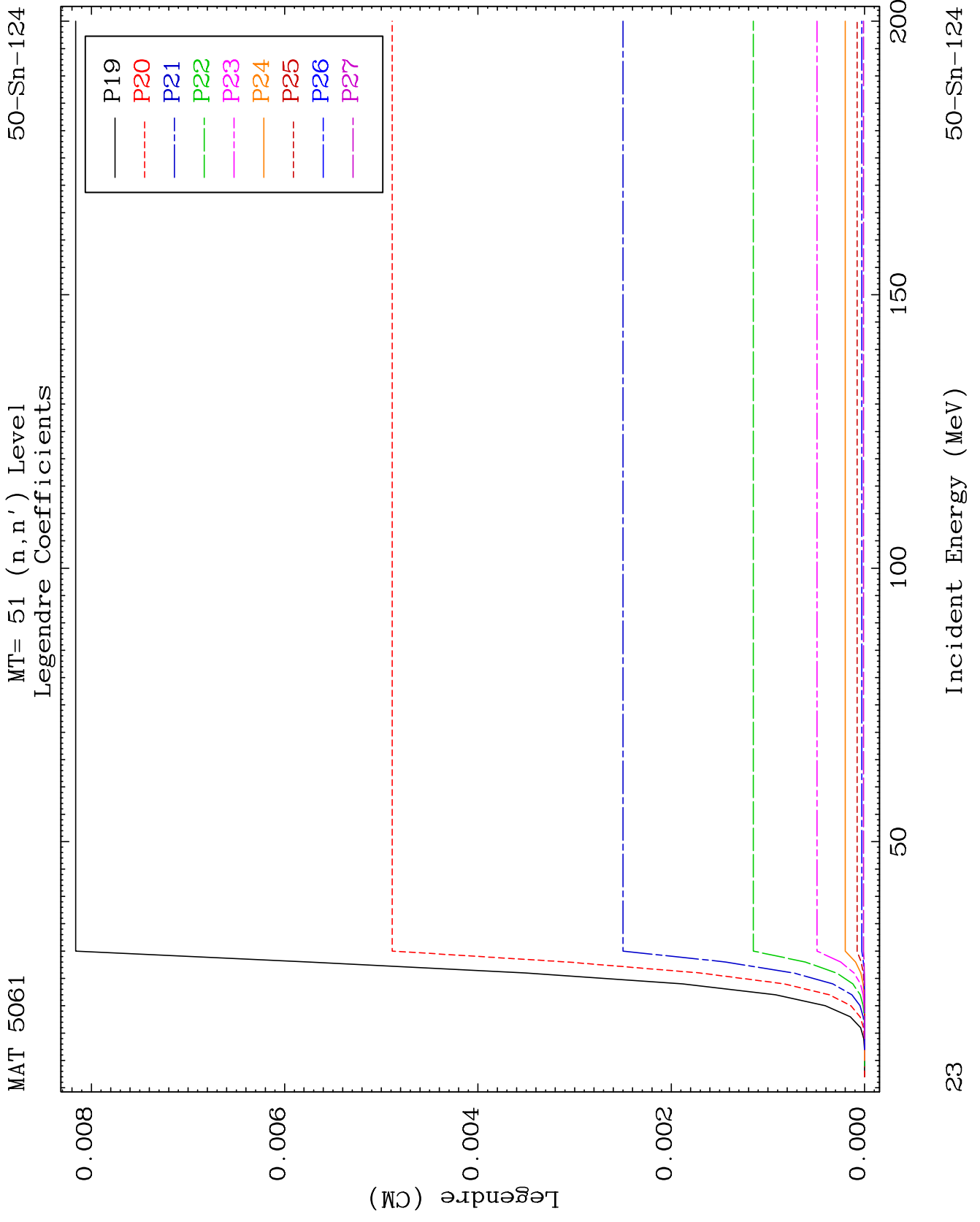
Incident Energy (MeV)

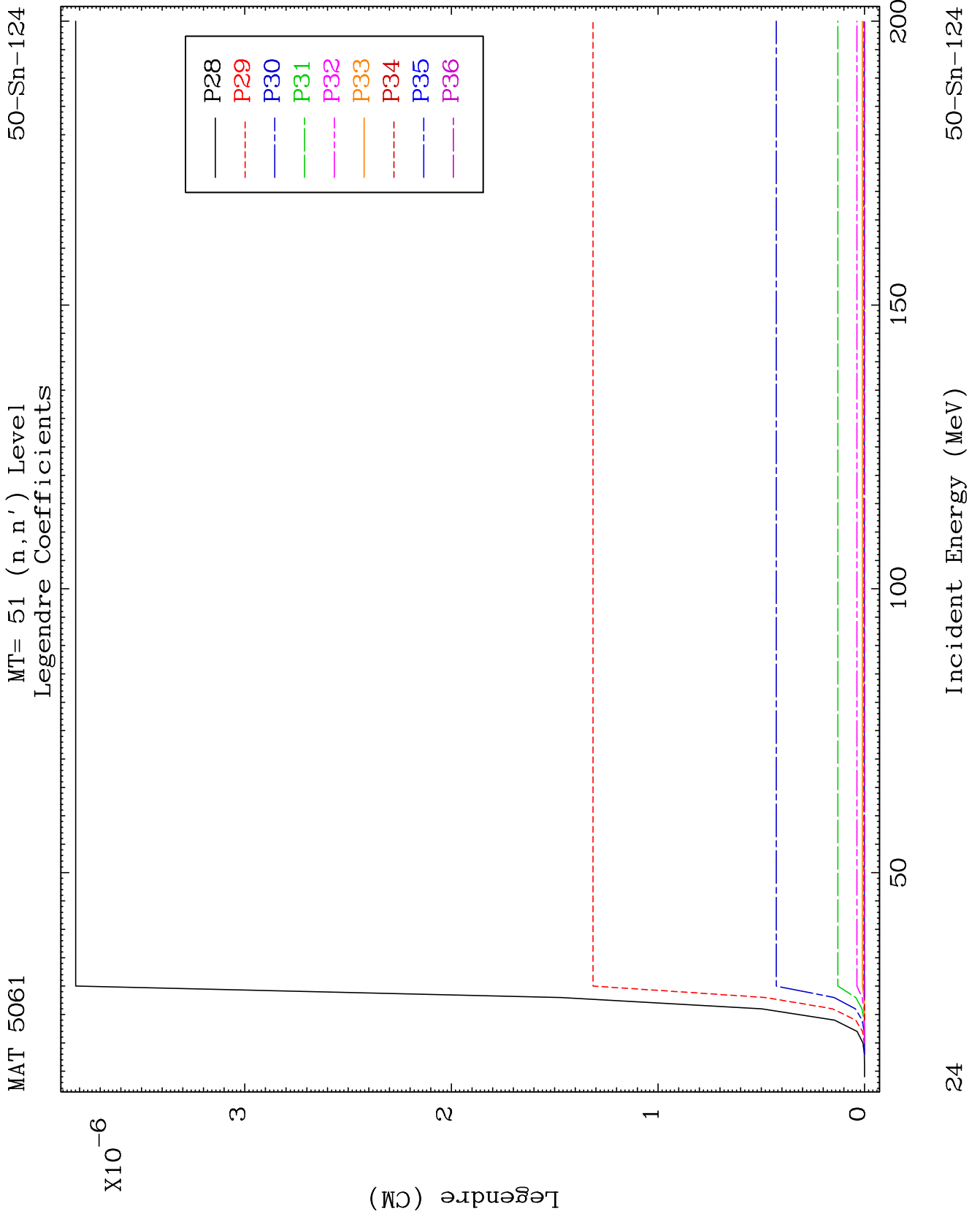
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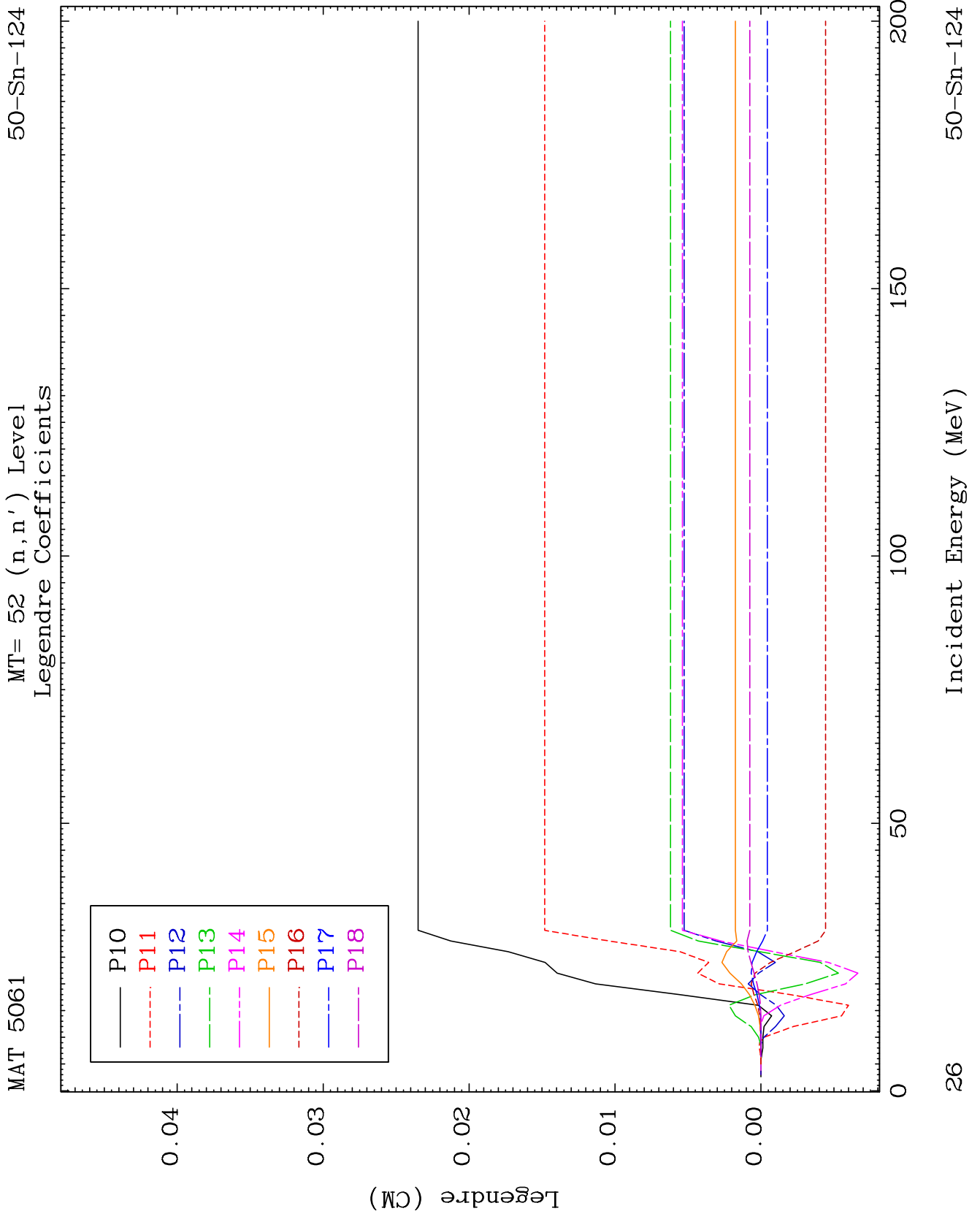








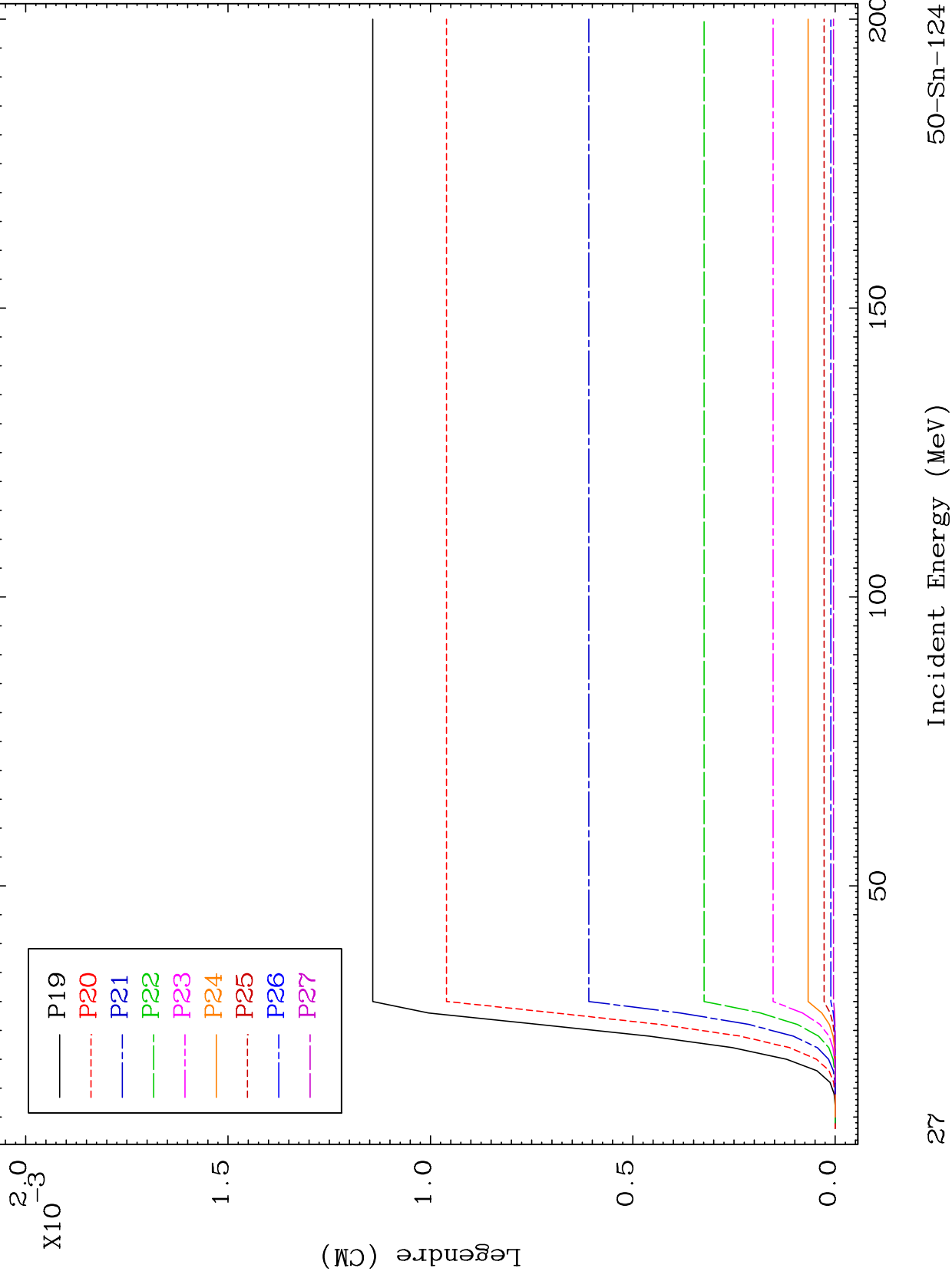


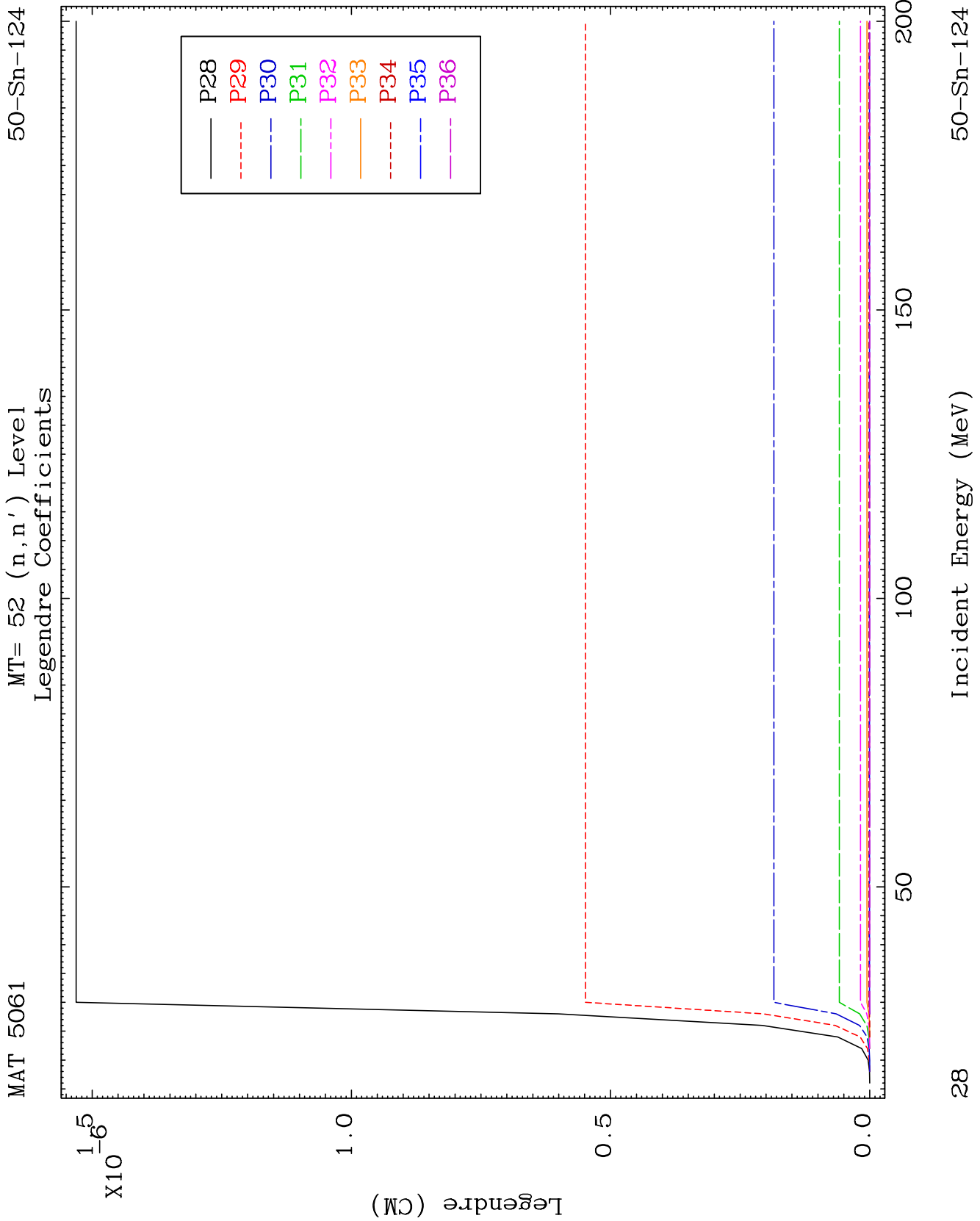


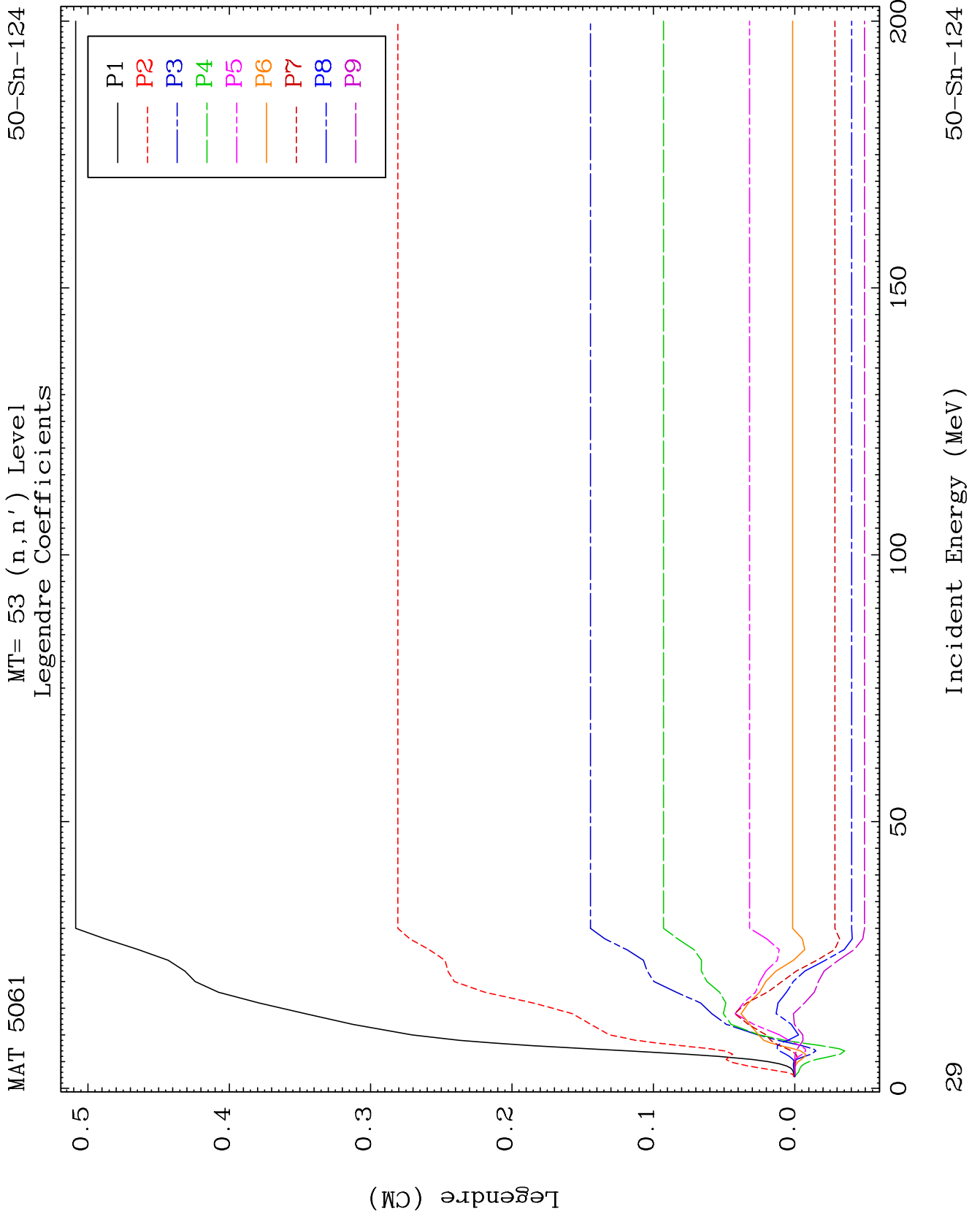
MAT 5061

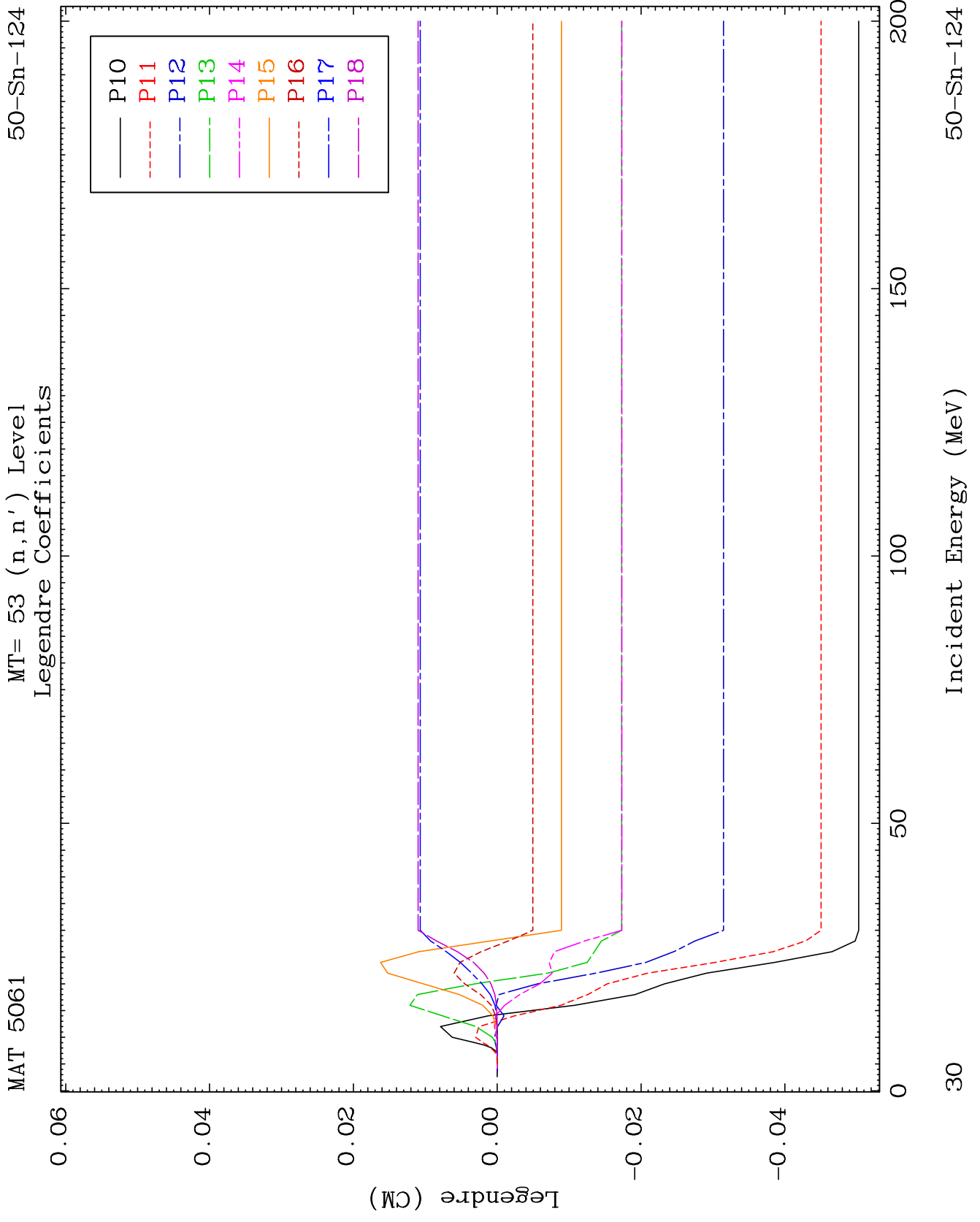
MT= 52 (n,n') Level
Legendre Coefficients

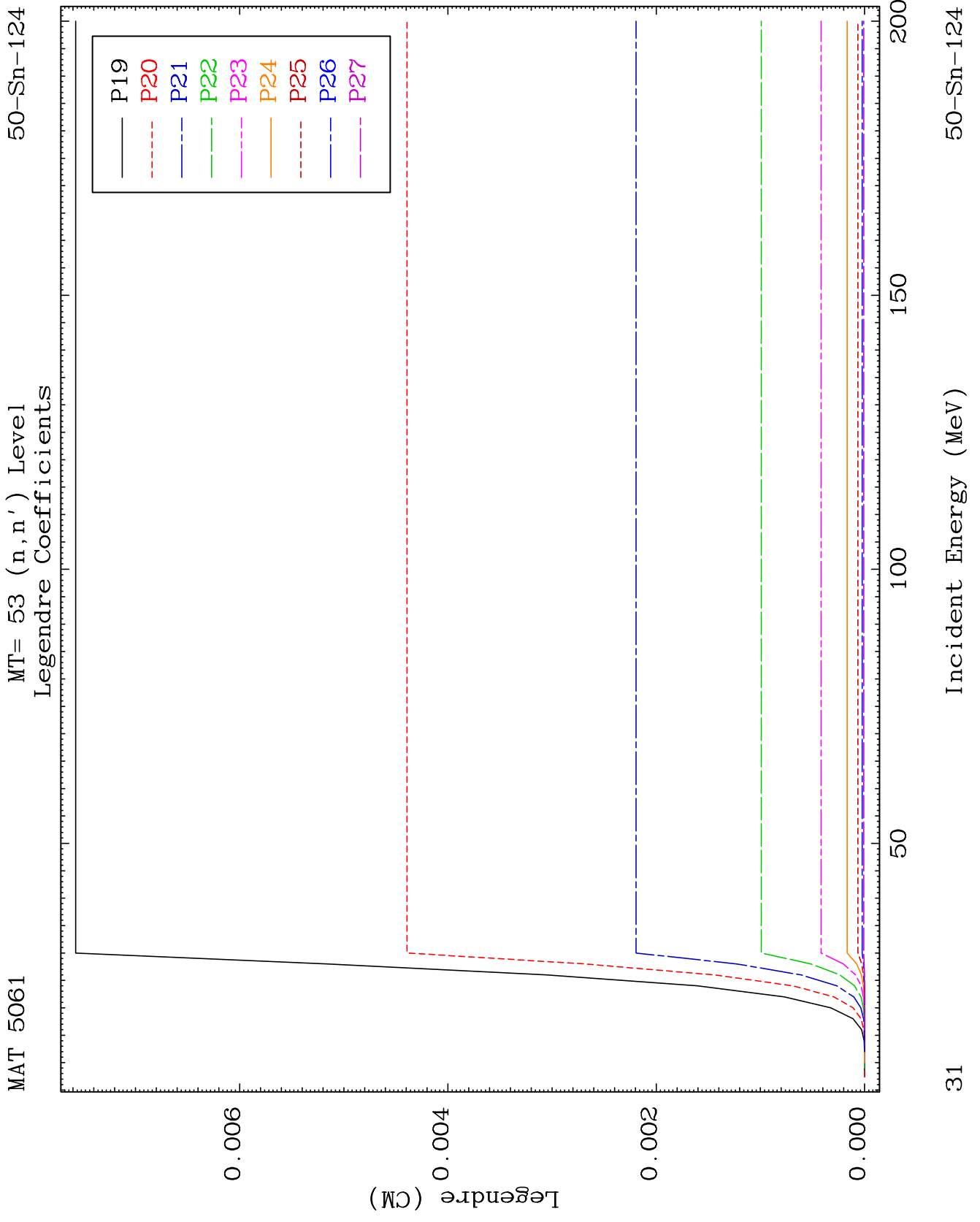
50-Sn-124







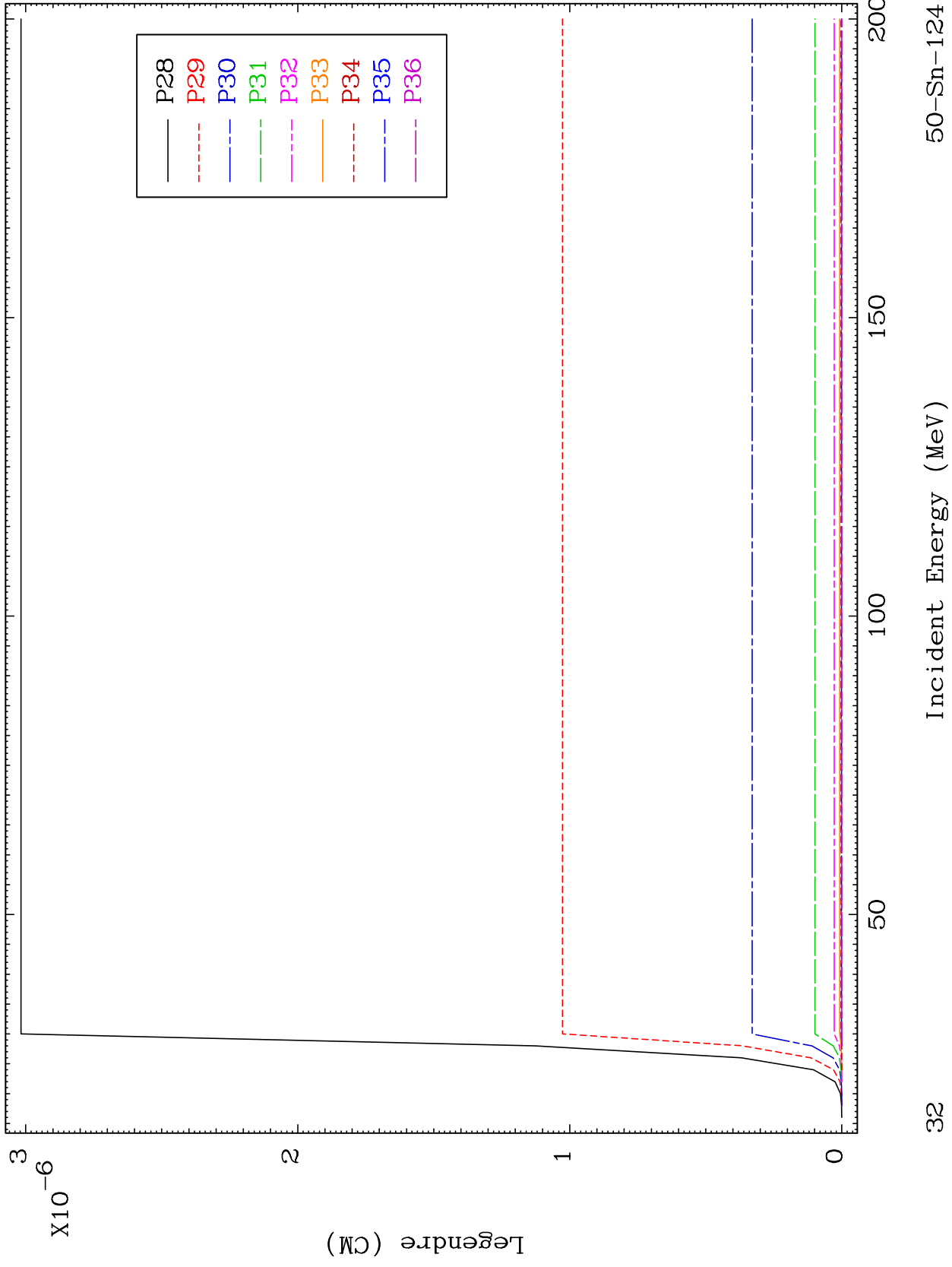


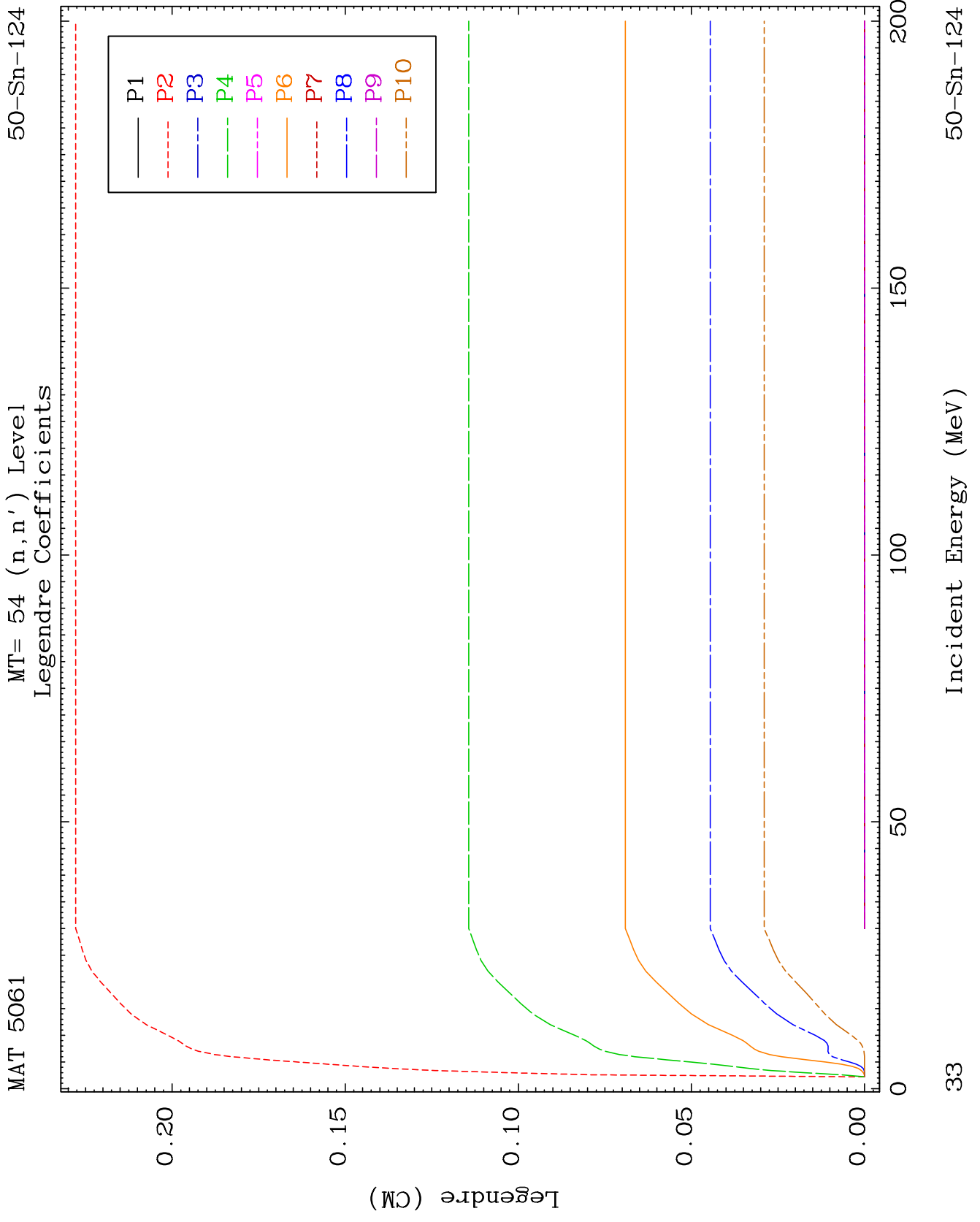


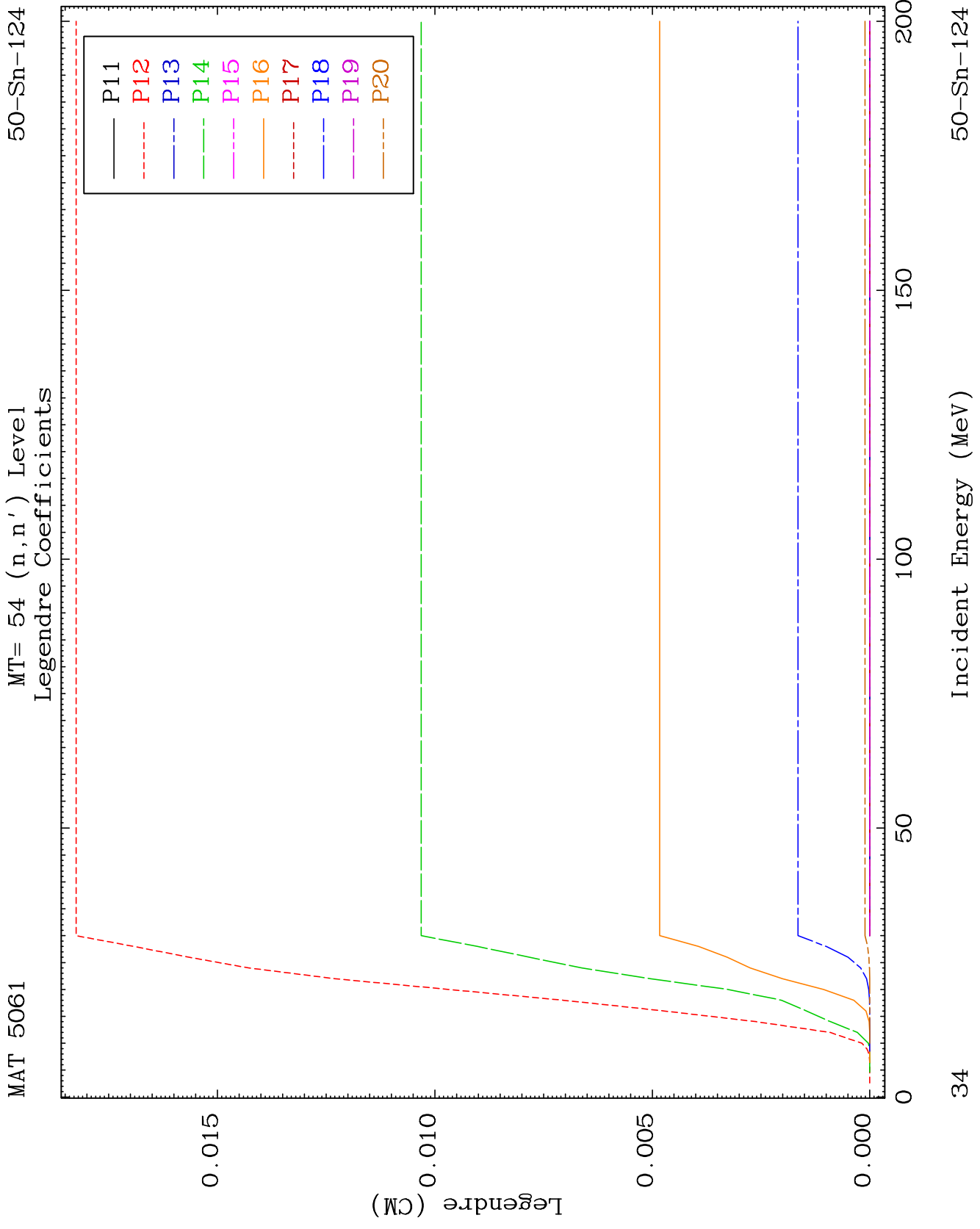
MAT 5061

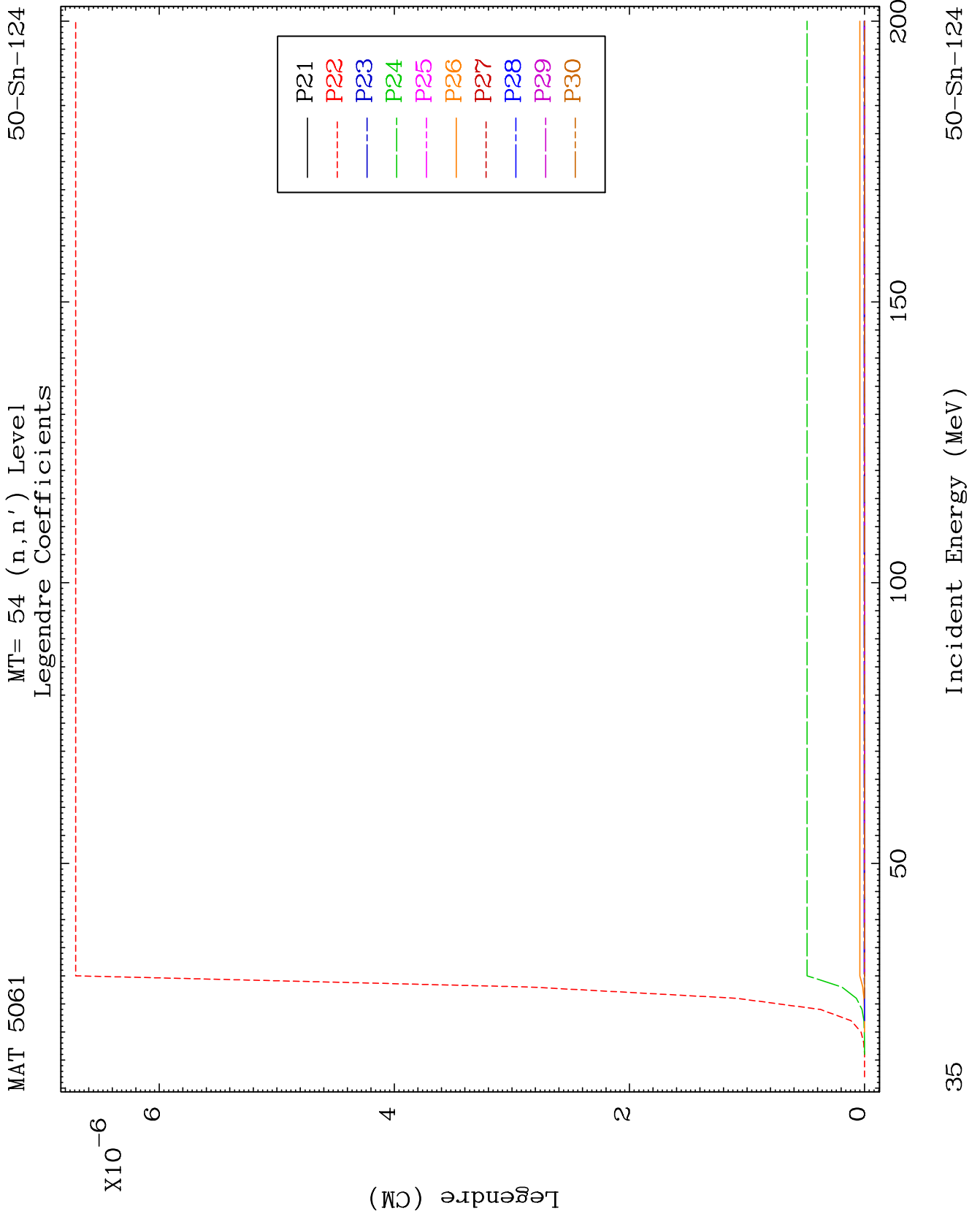
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-124





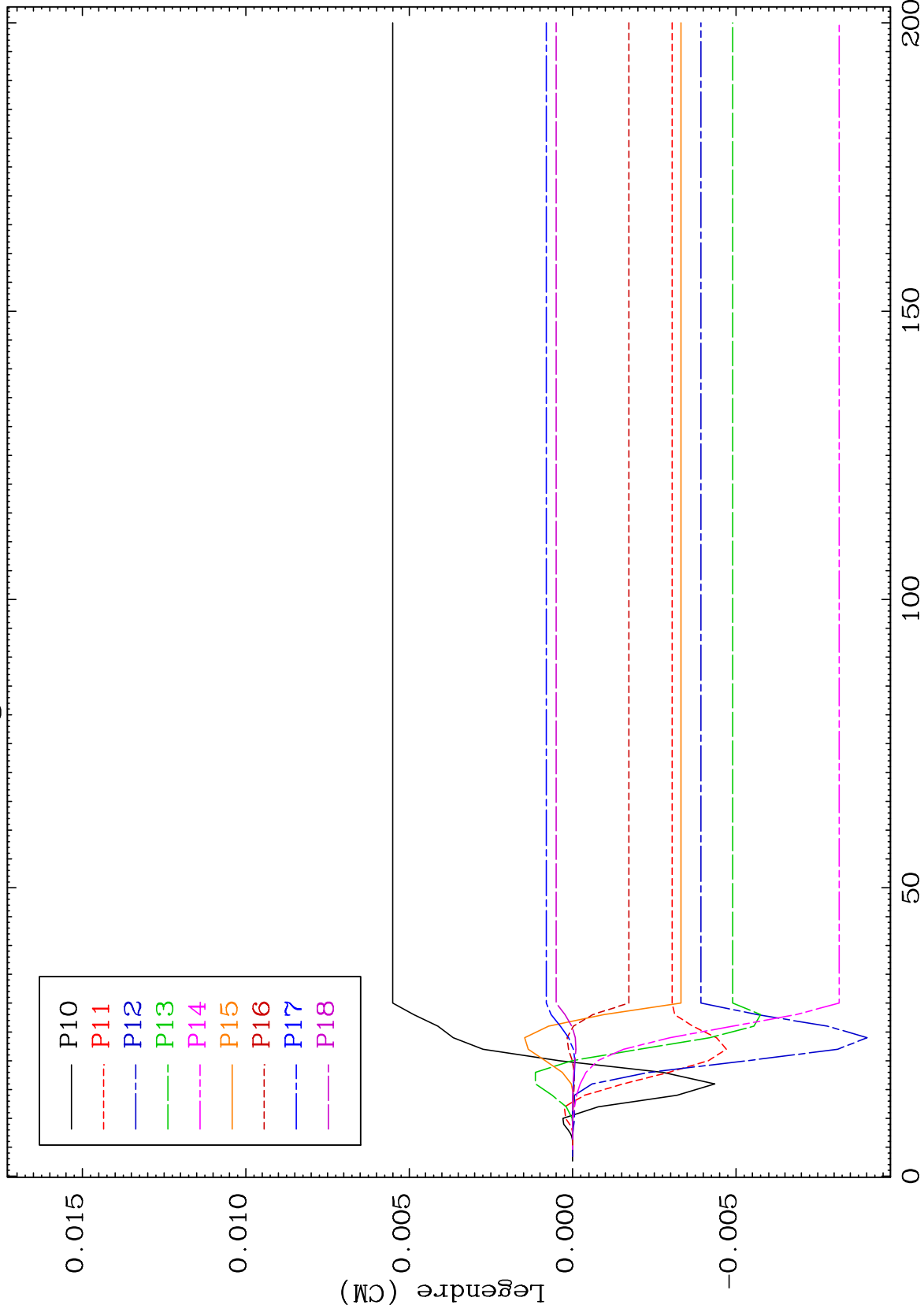




MAT 5061

MT= 55 (n,n') Level
Legendre Coefficients

50-Sn-124



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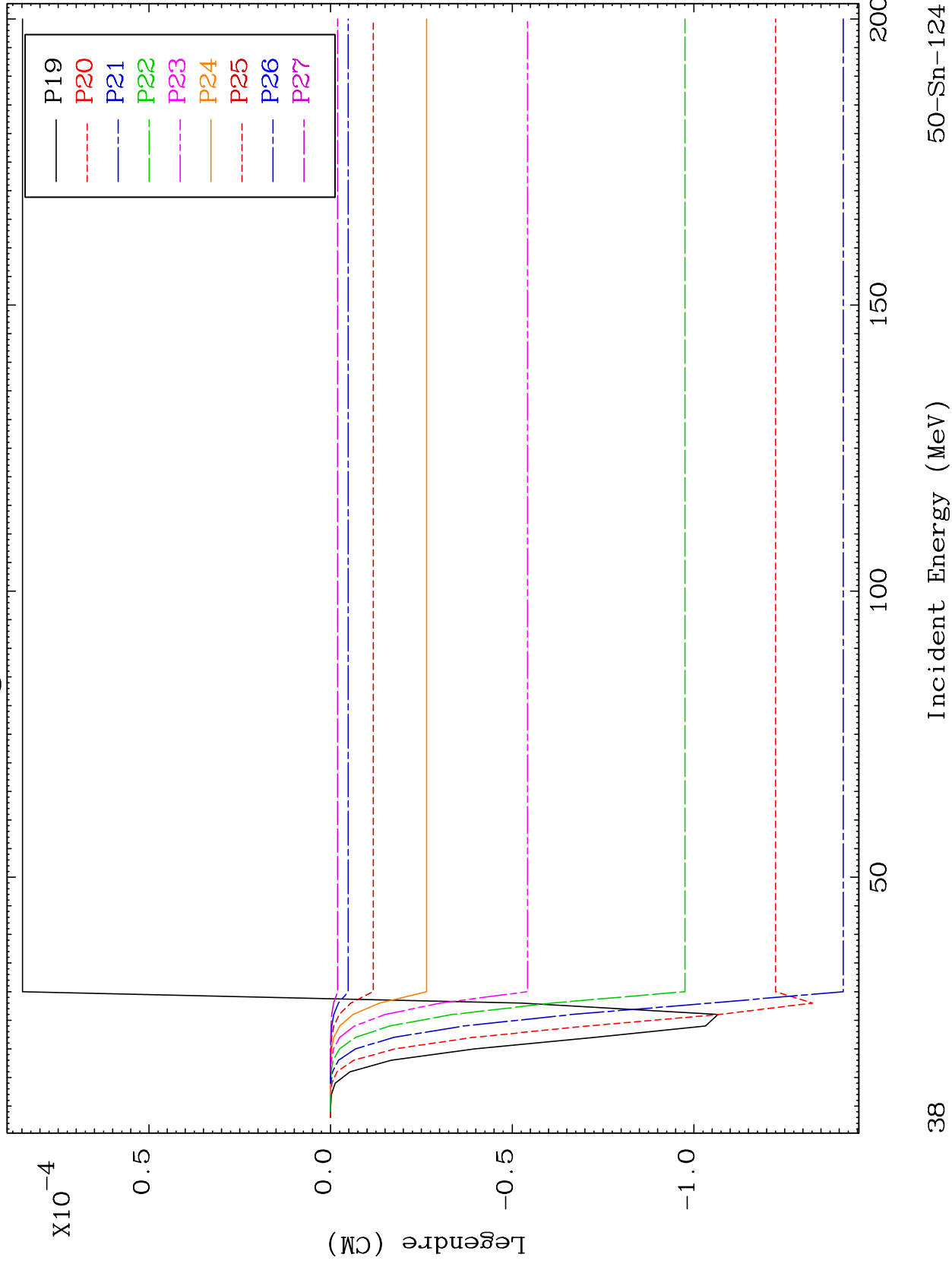
Incident Energy (MeV)

50-Sn-124

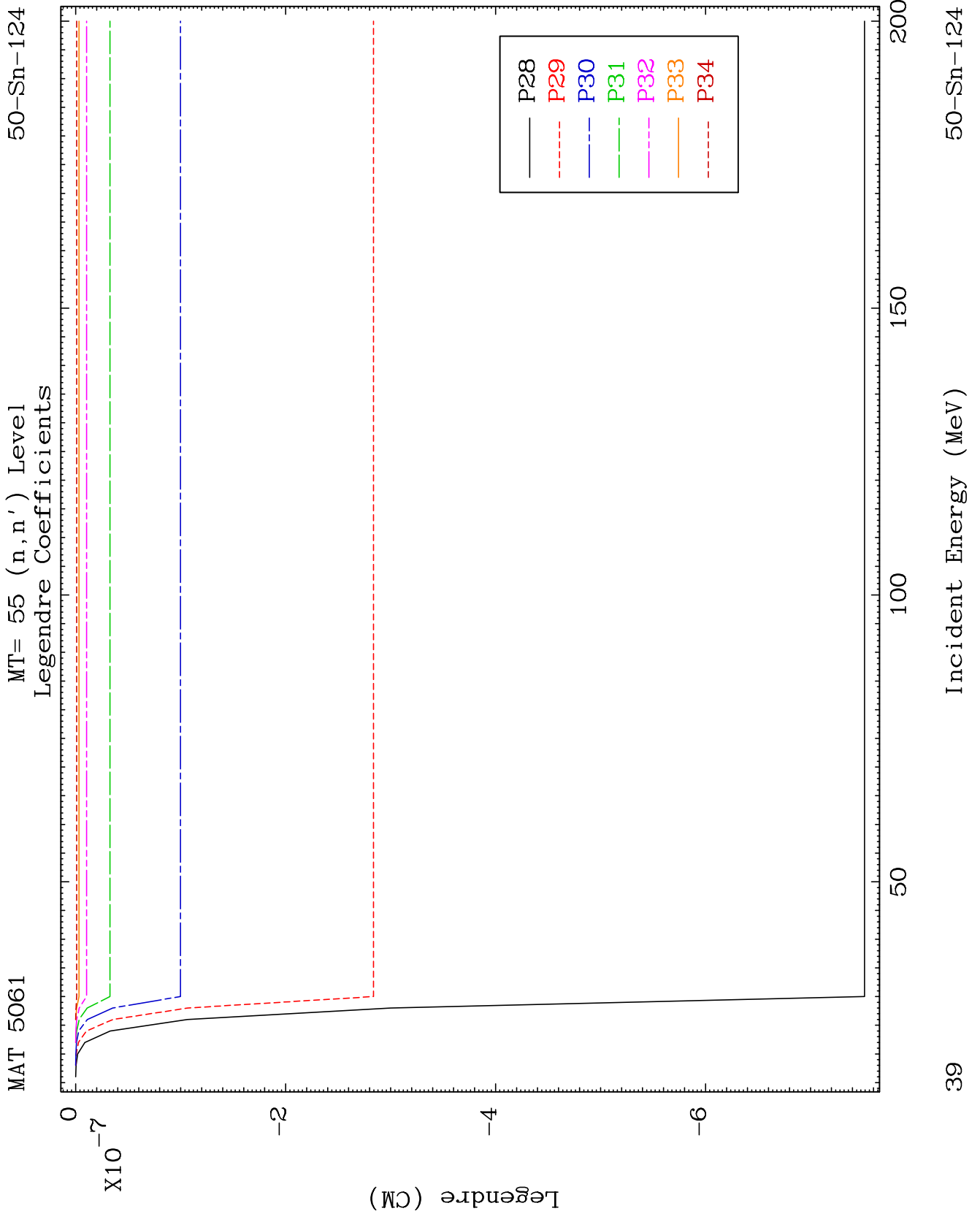
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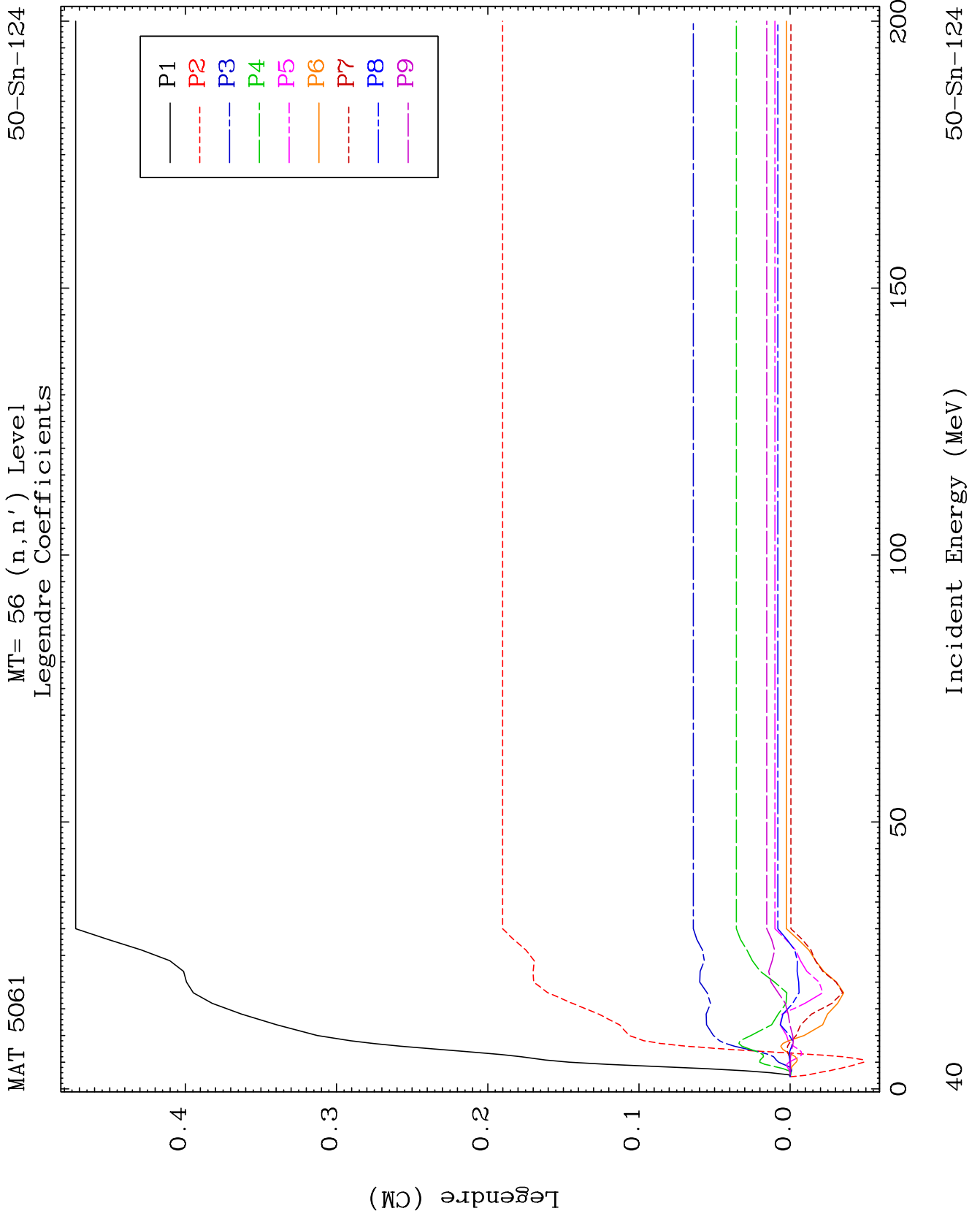
MT= 55 (n,n') Level
Legendre Coefficients

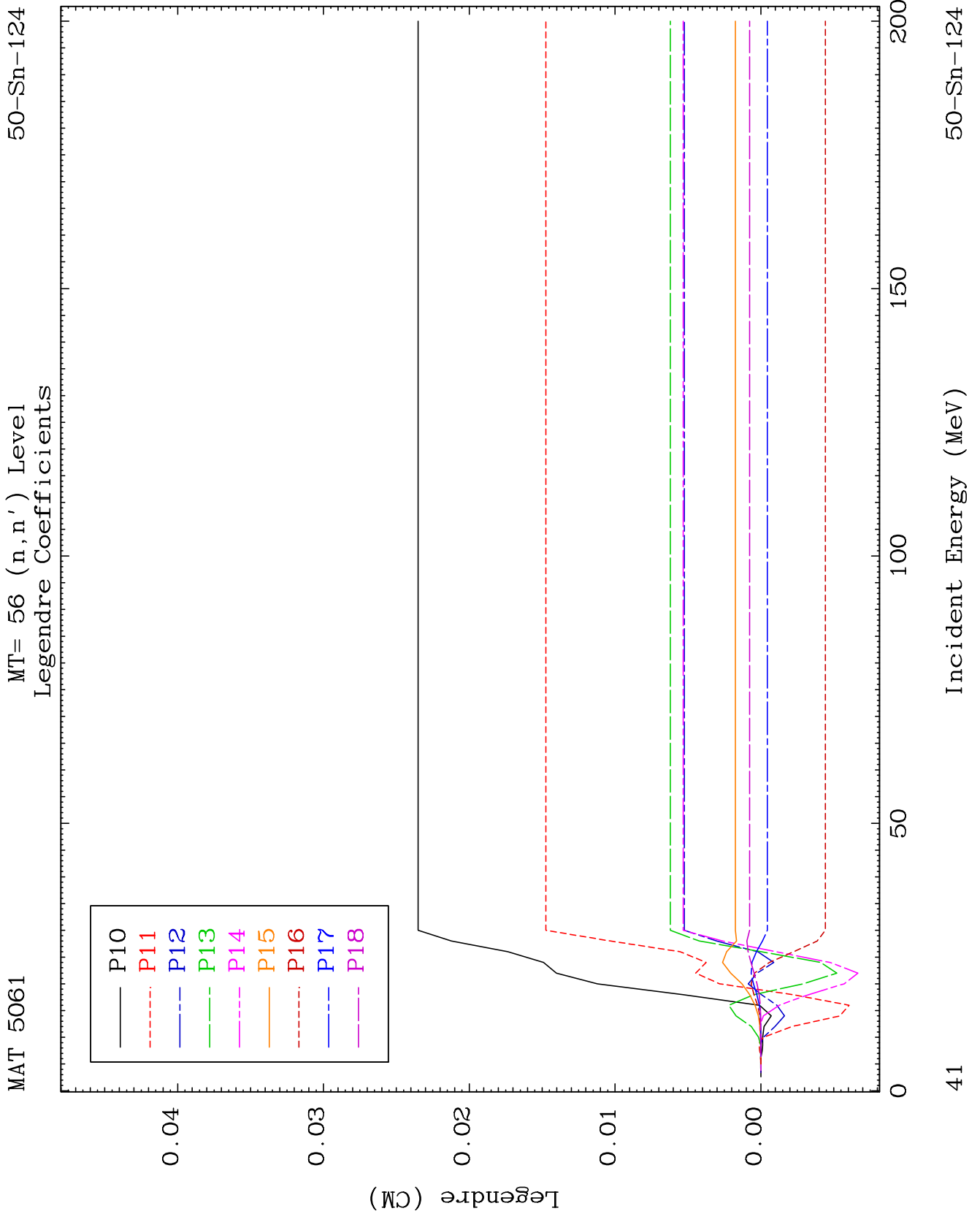
50-Sn-124



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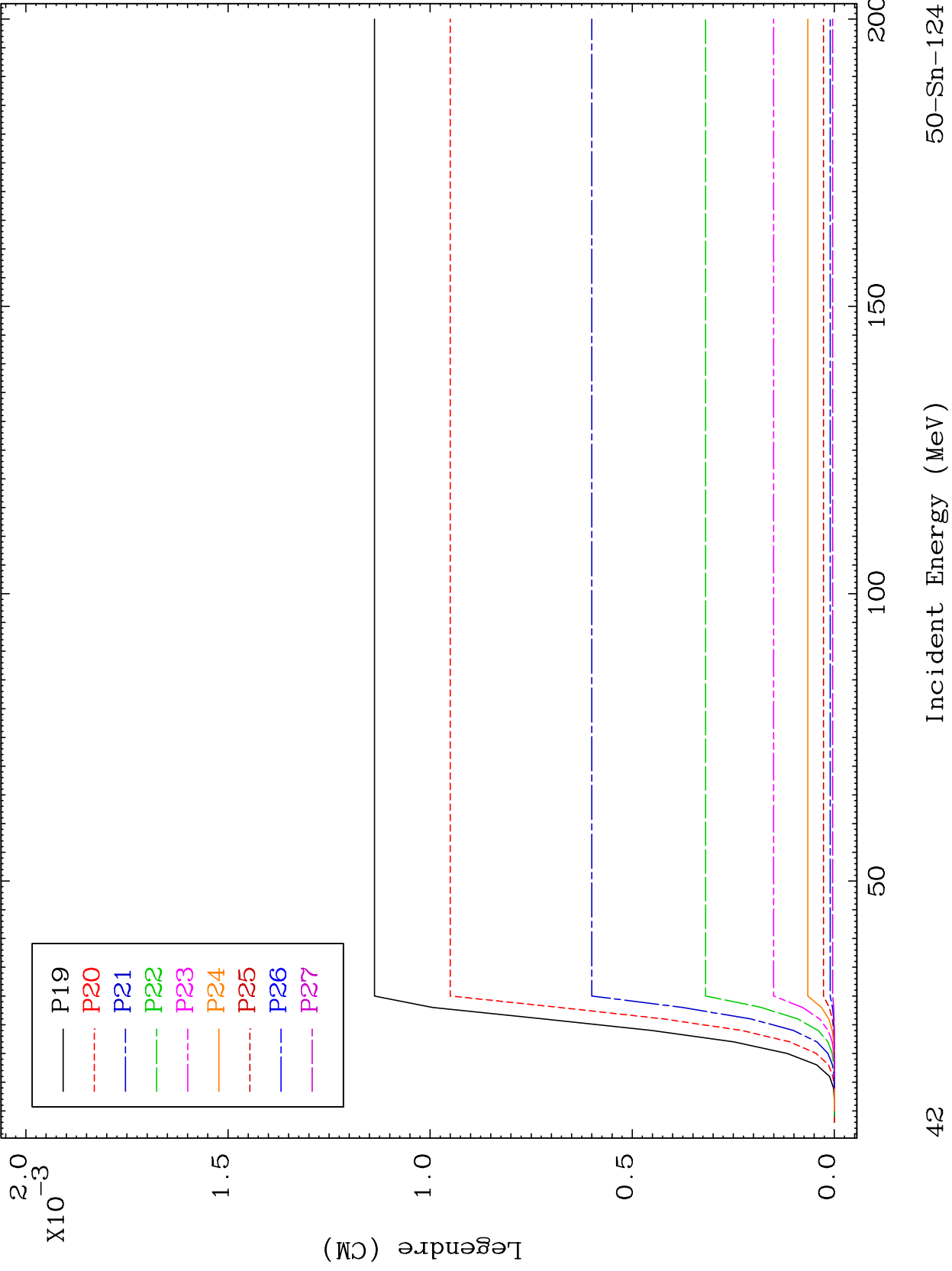


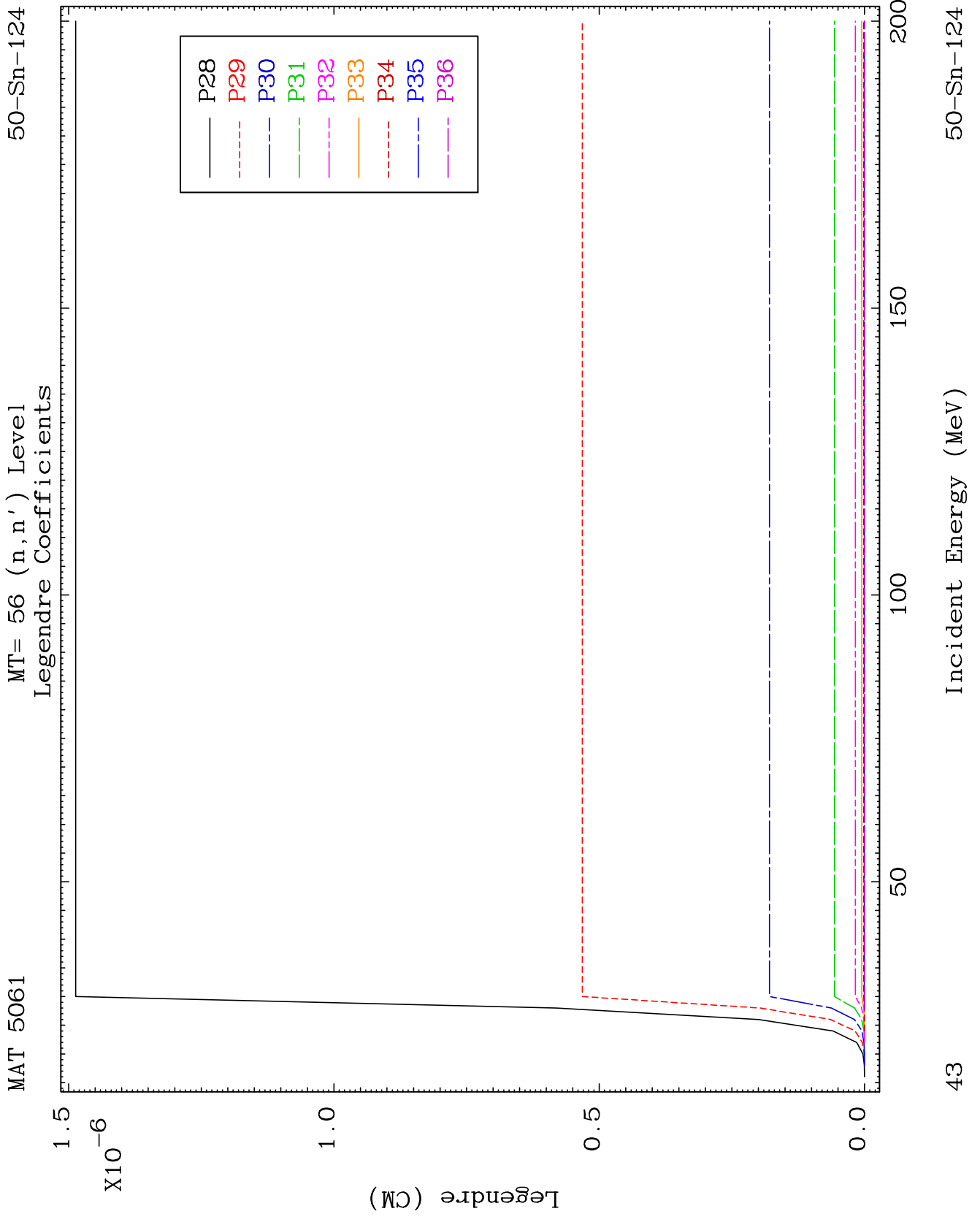


MAT 5061

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

50-Sn-124

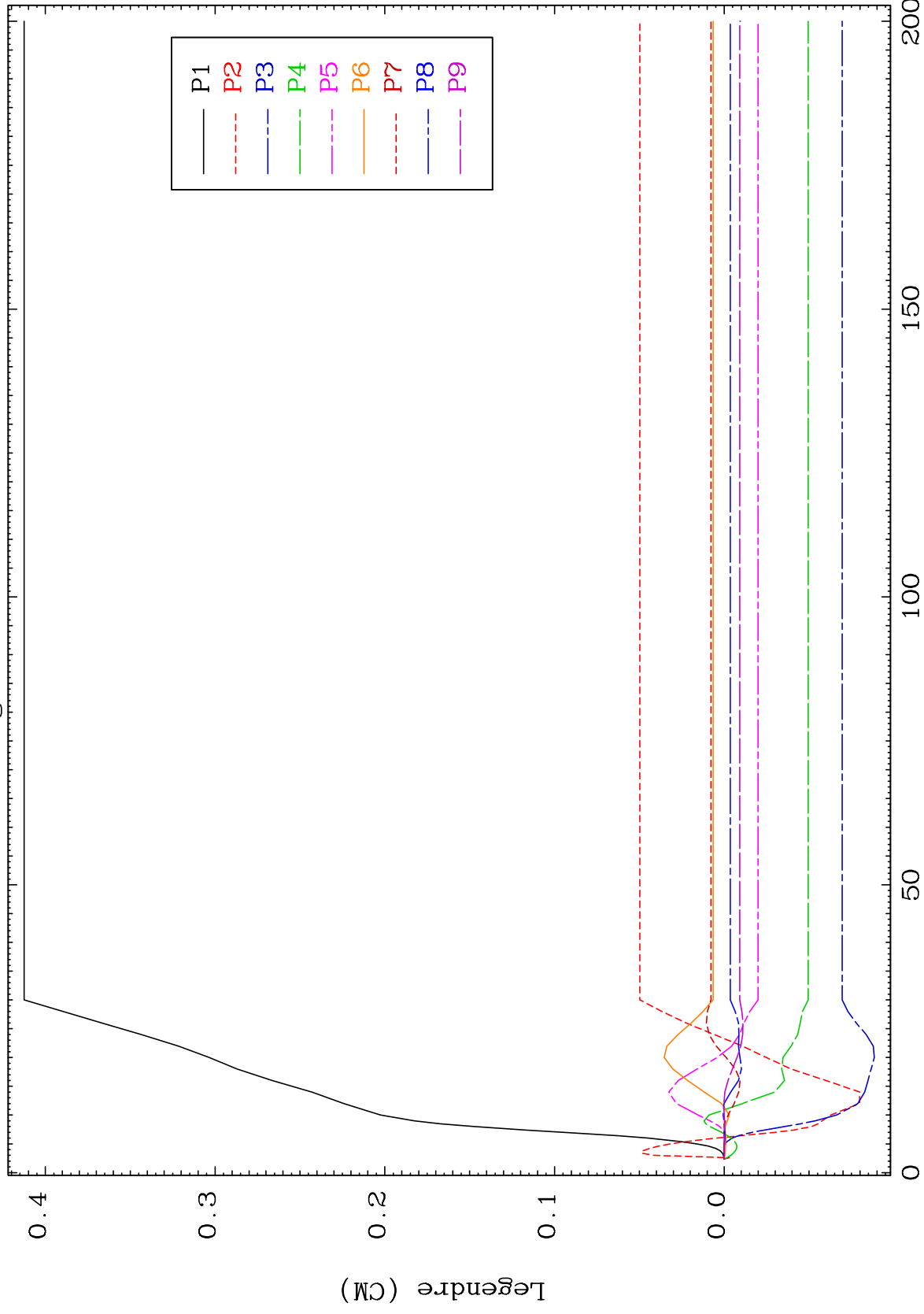




MAT 5061

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

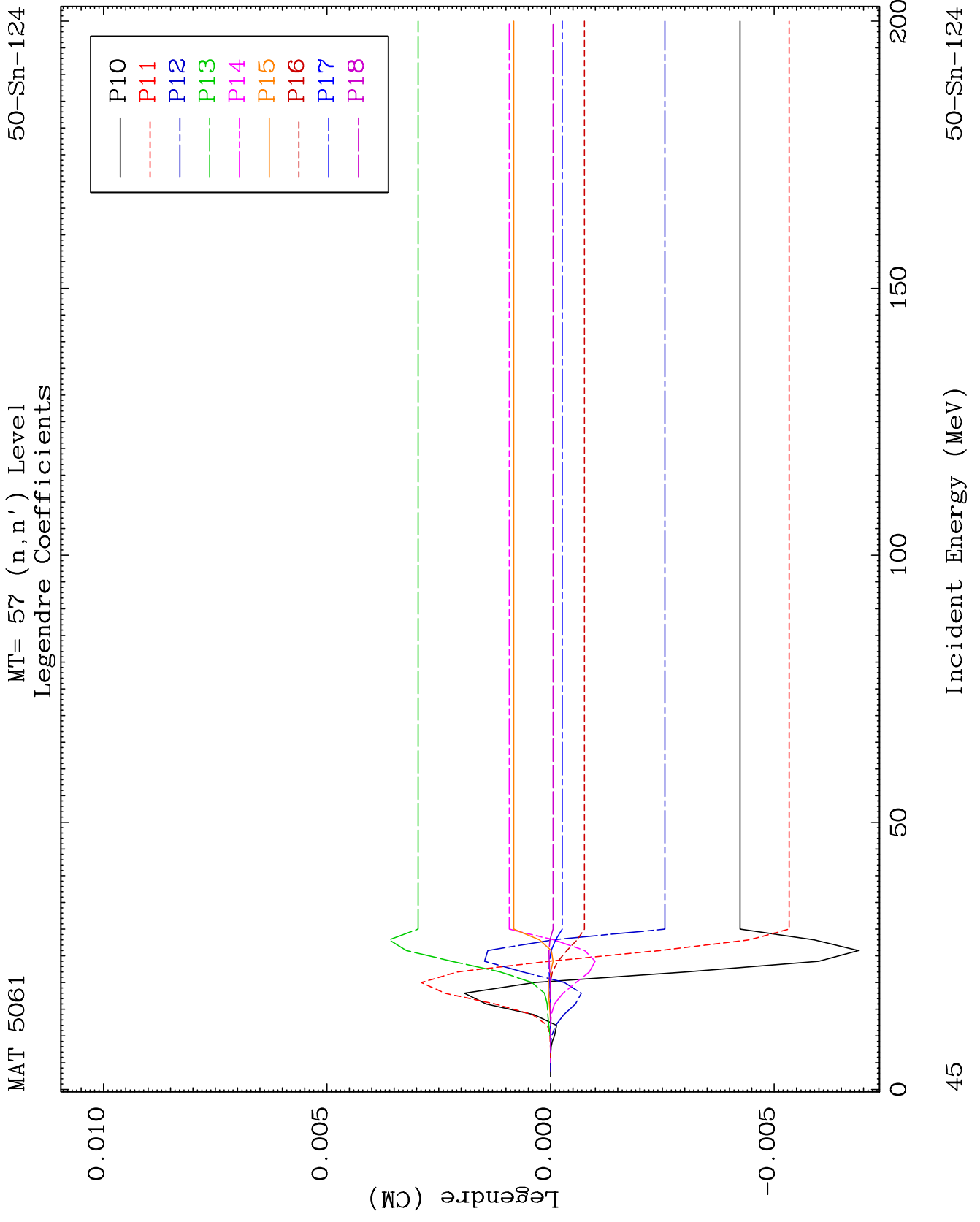
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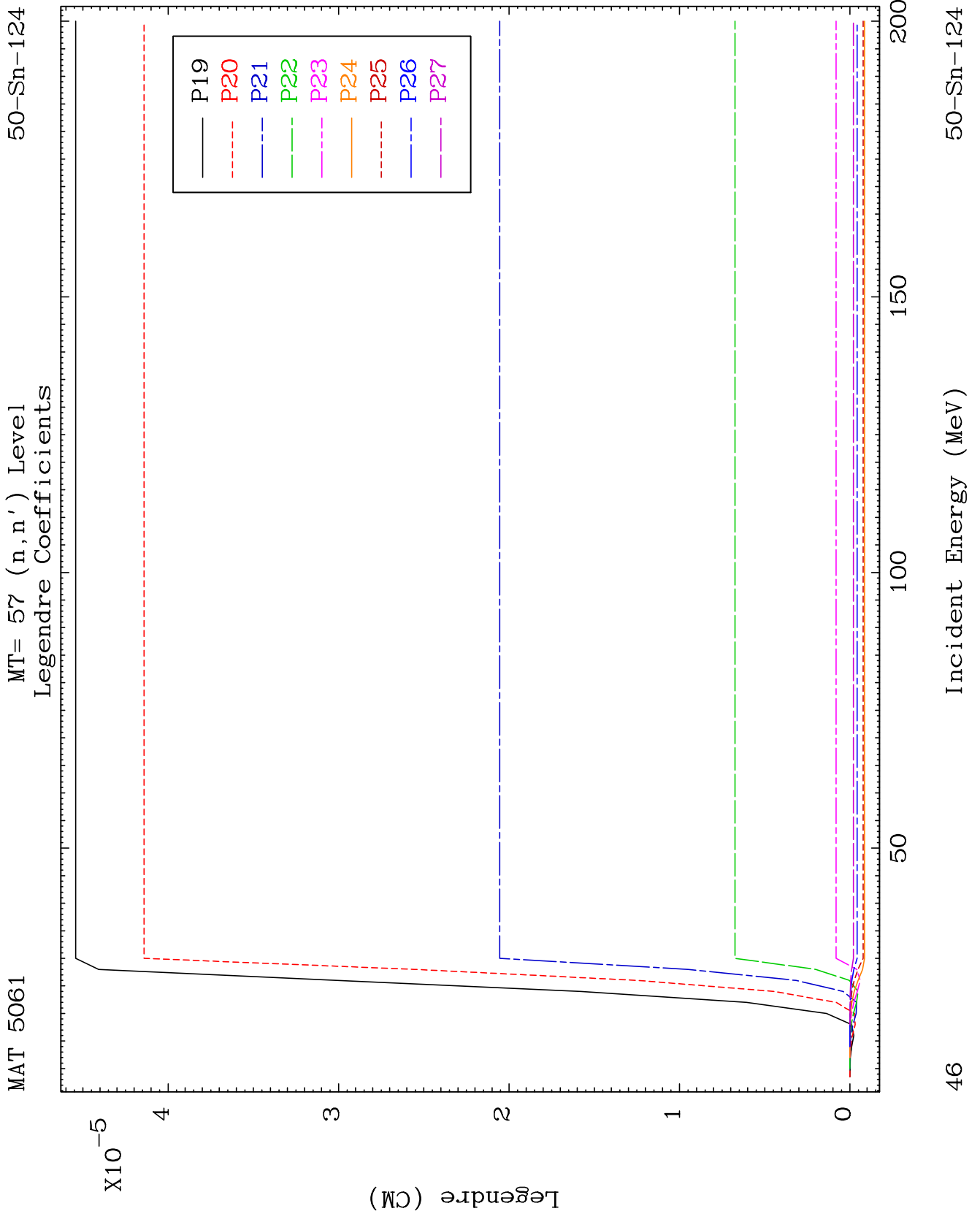


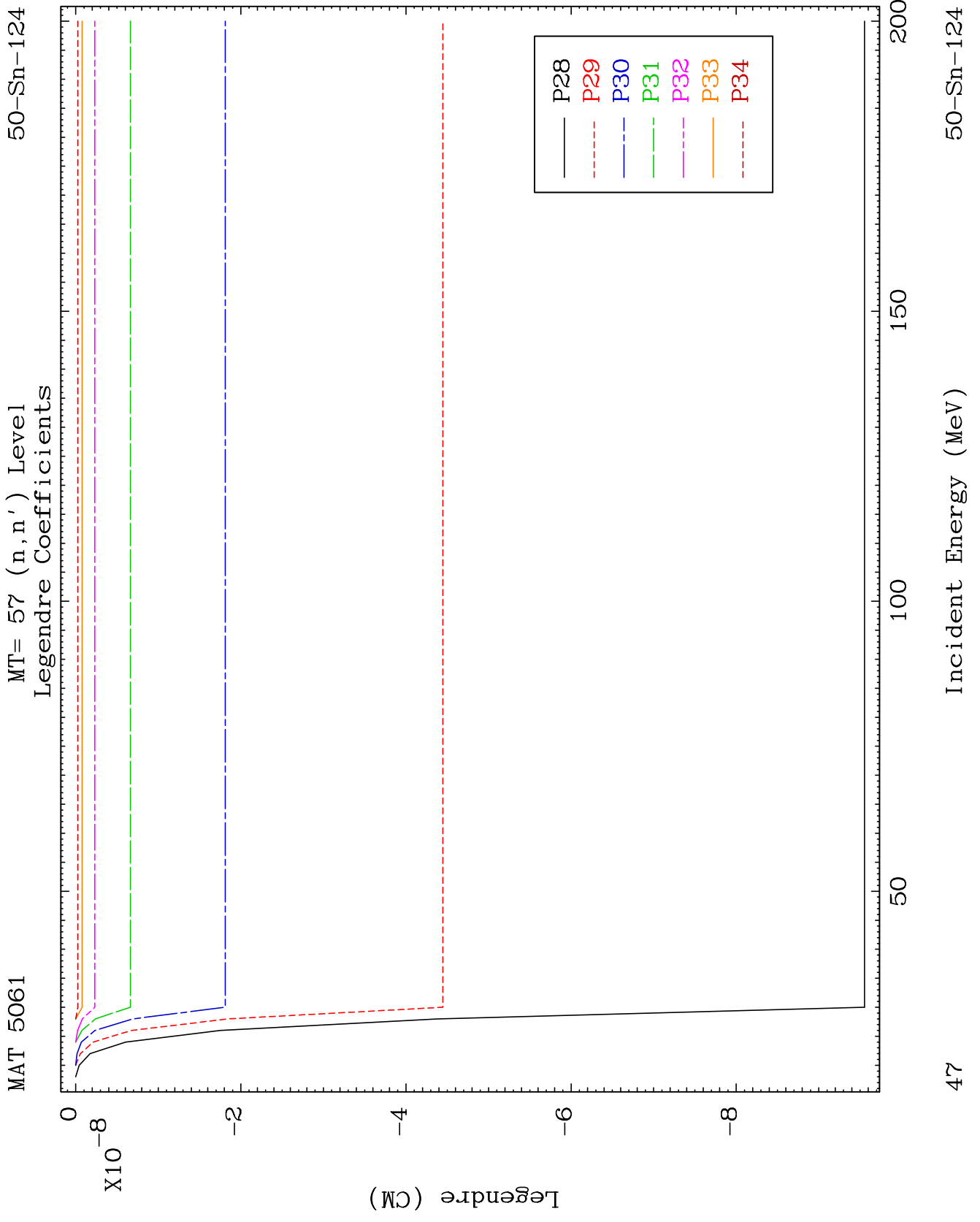
44

Incident Energy (MeV)

50-Sn-124



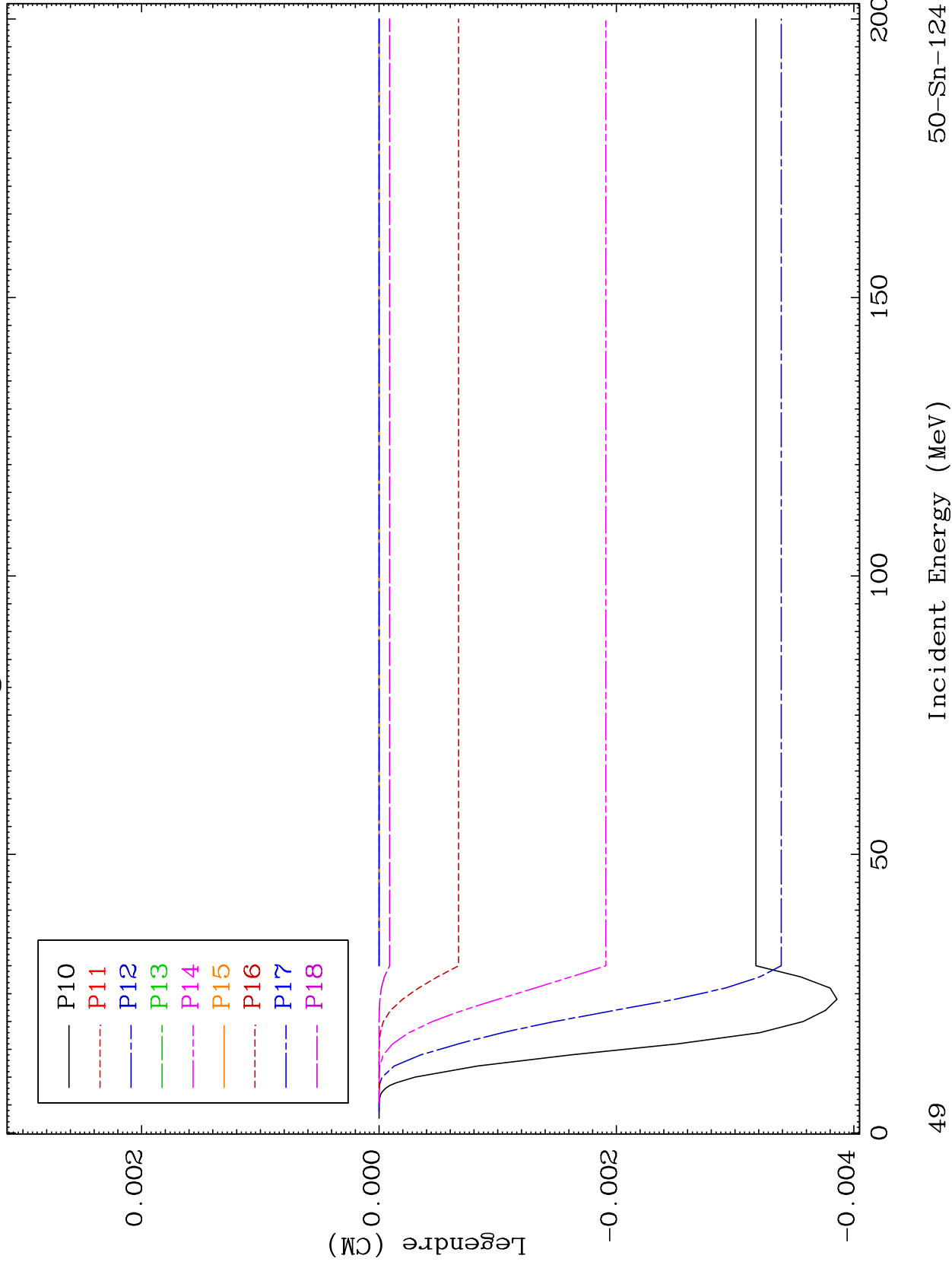




MAT 5061

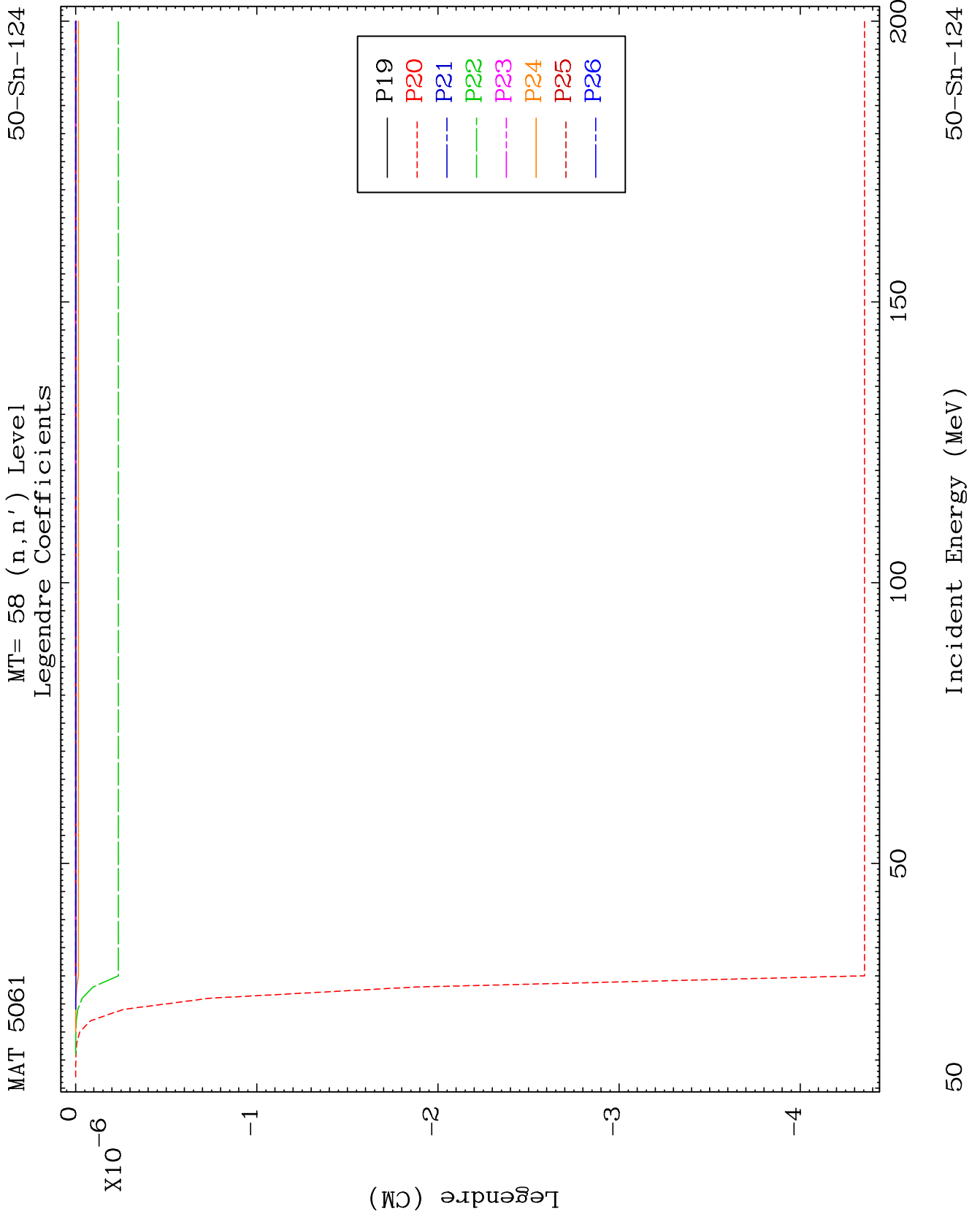
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Legendre Coefficients

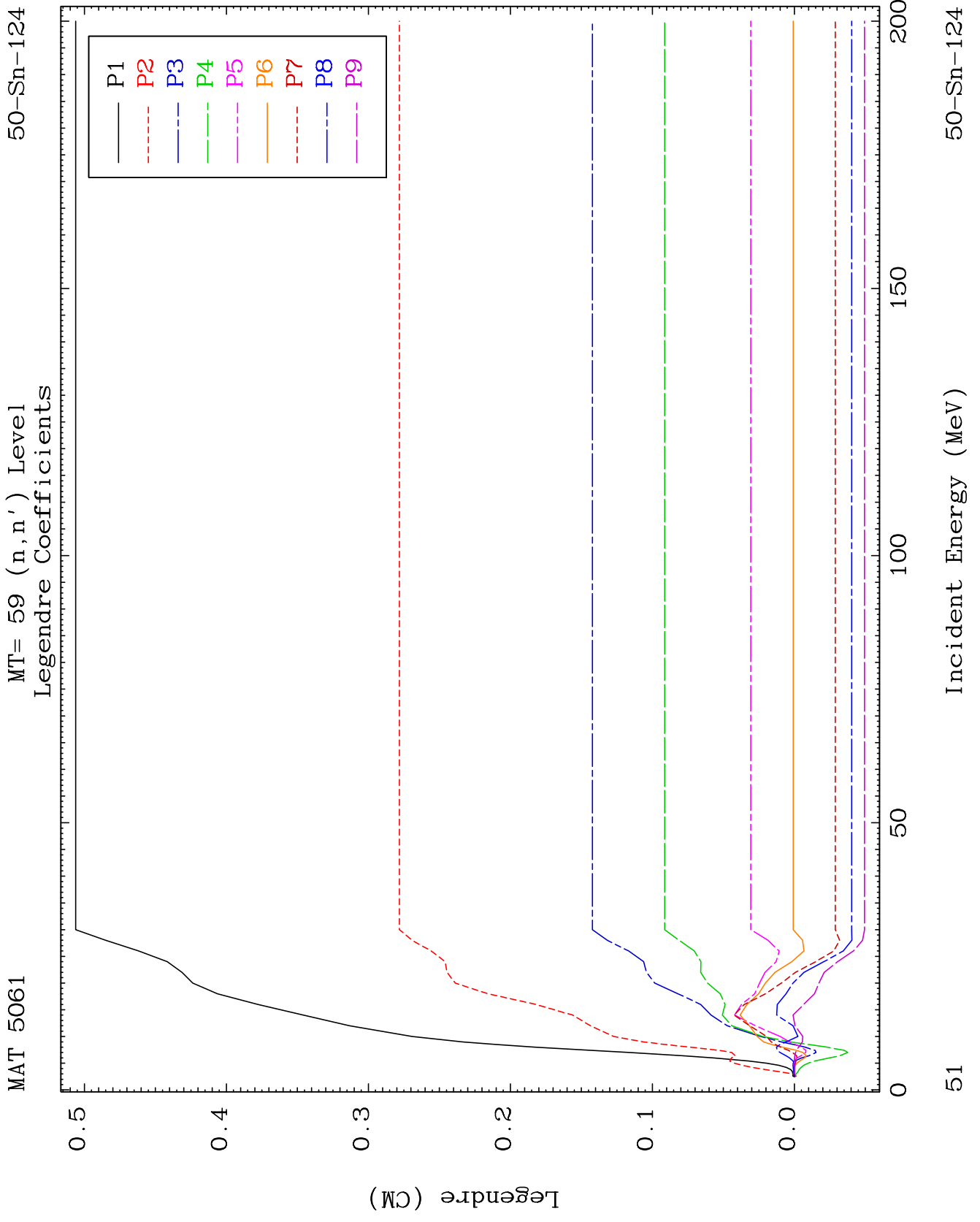
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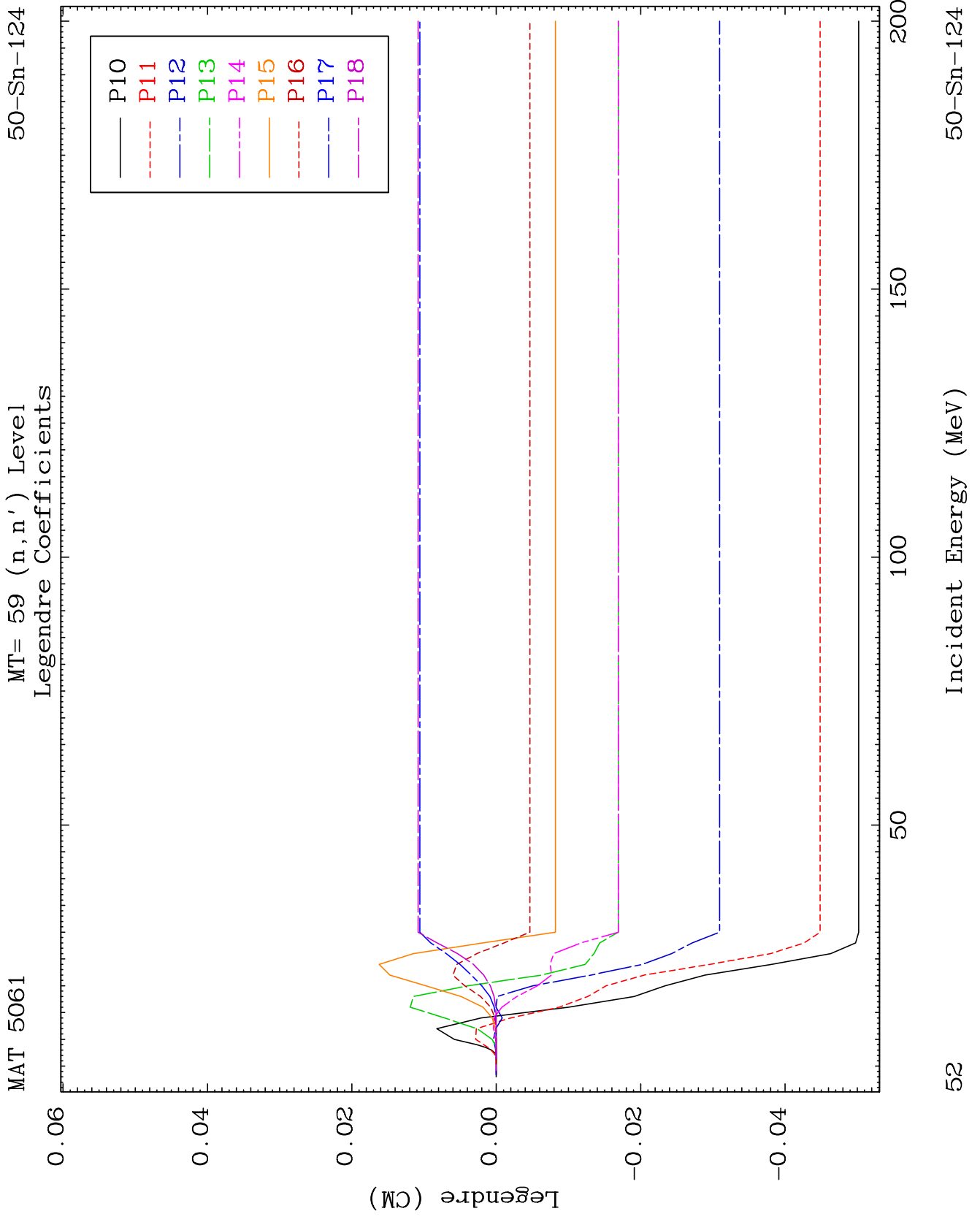


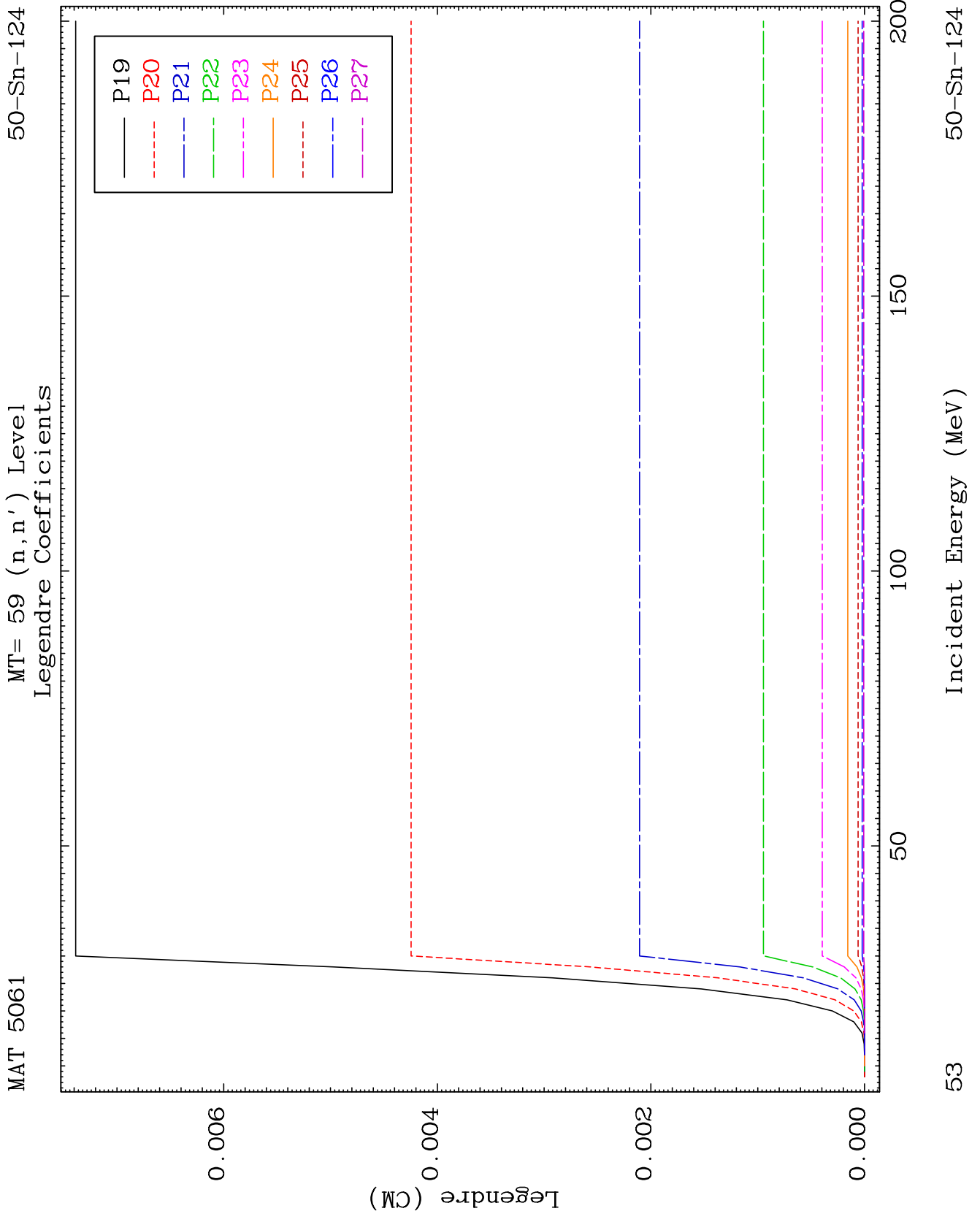
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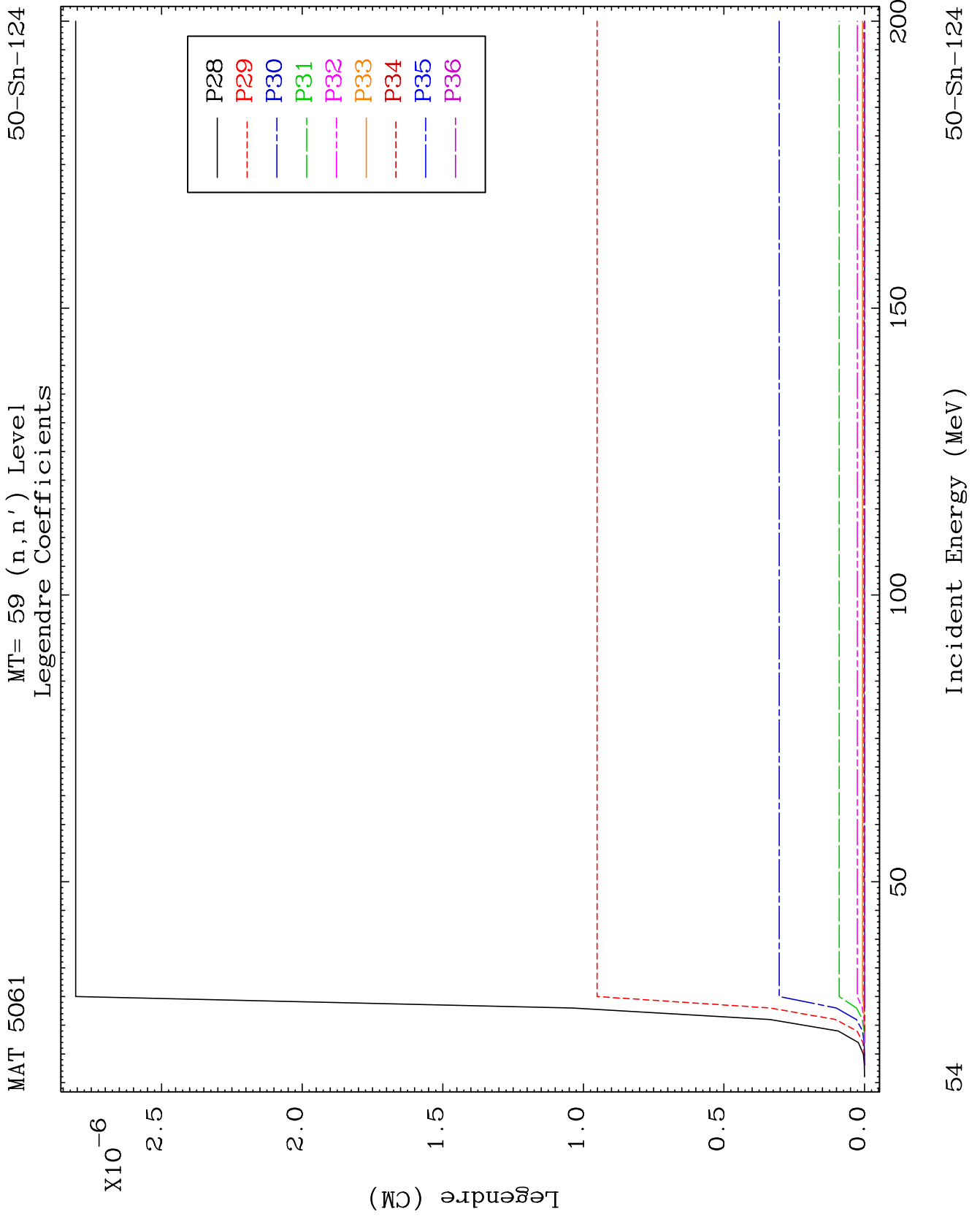
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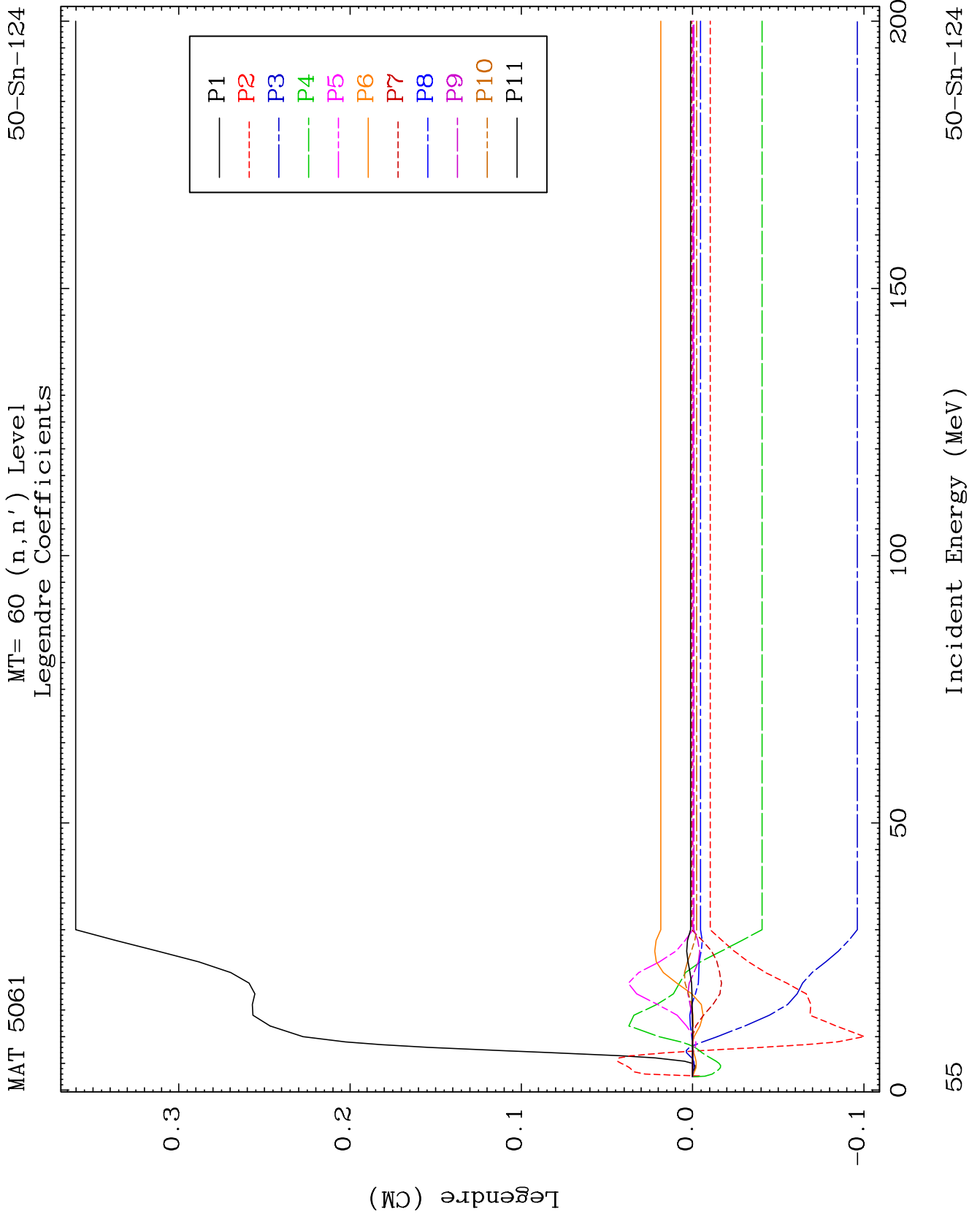








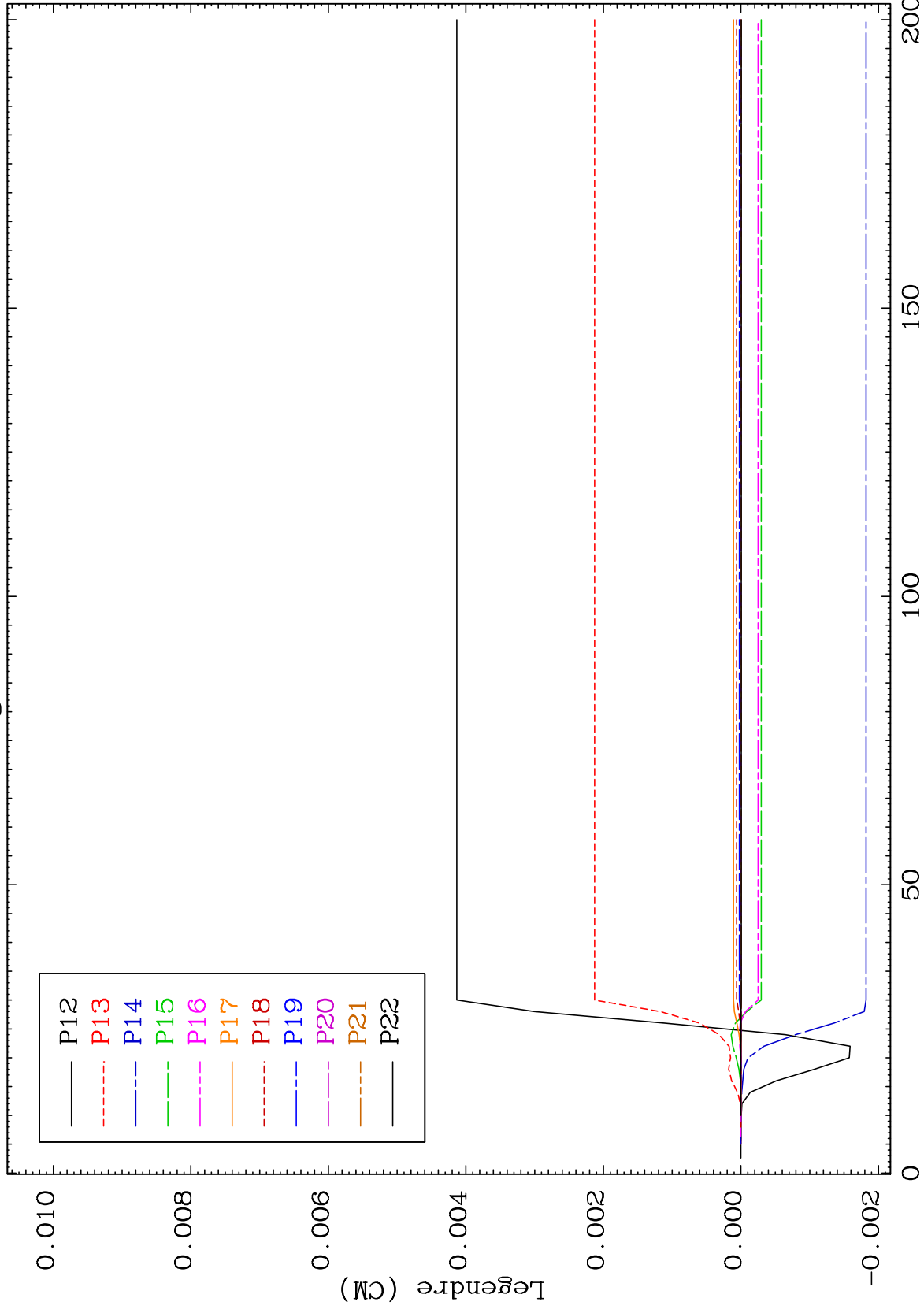




MAT 5061

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

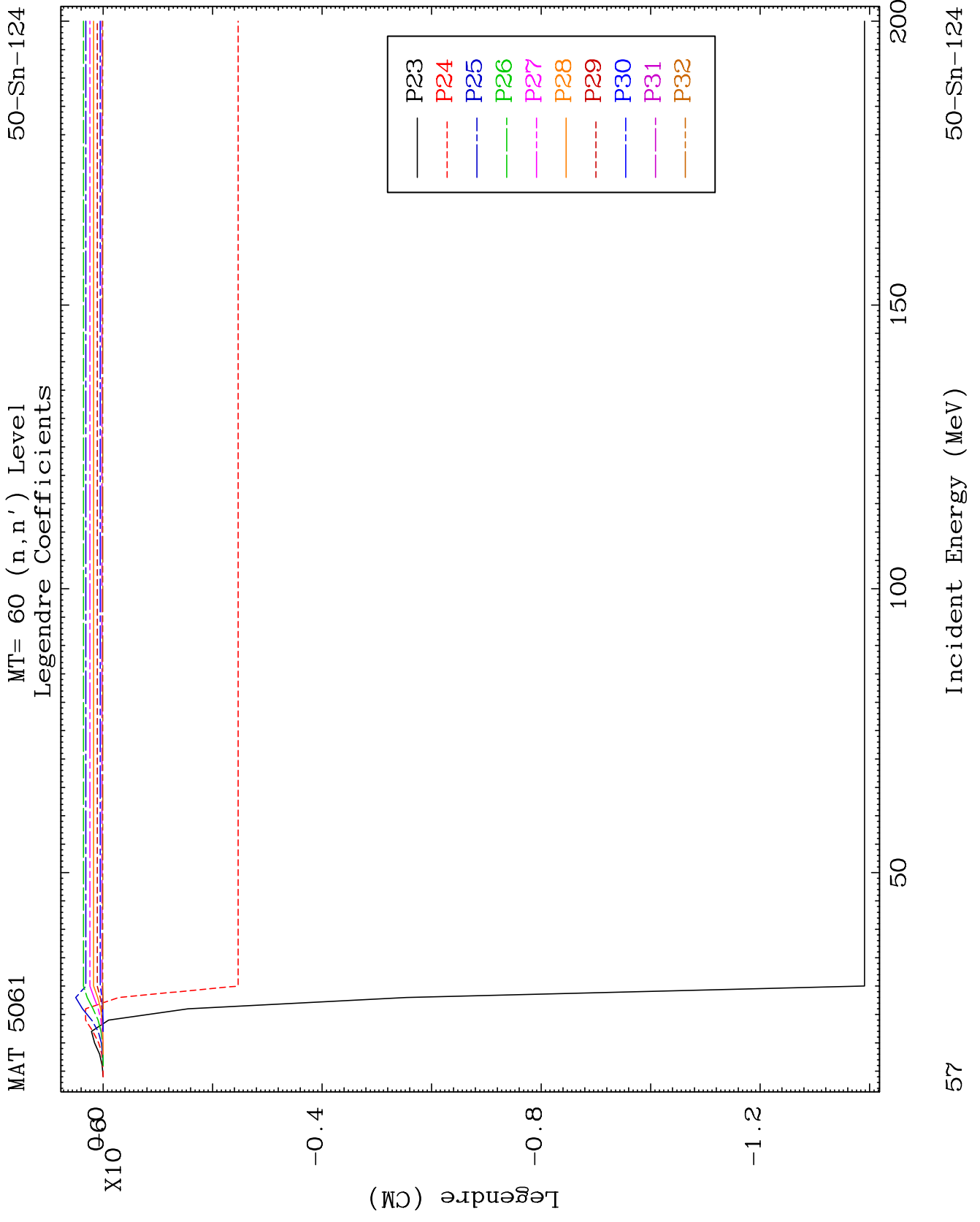
50-Sn-124



56

Incident Energy (MeV)

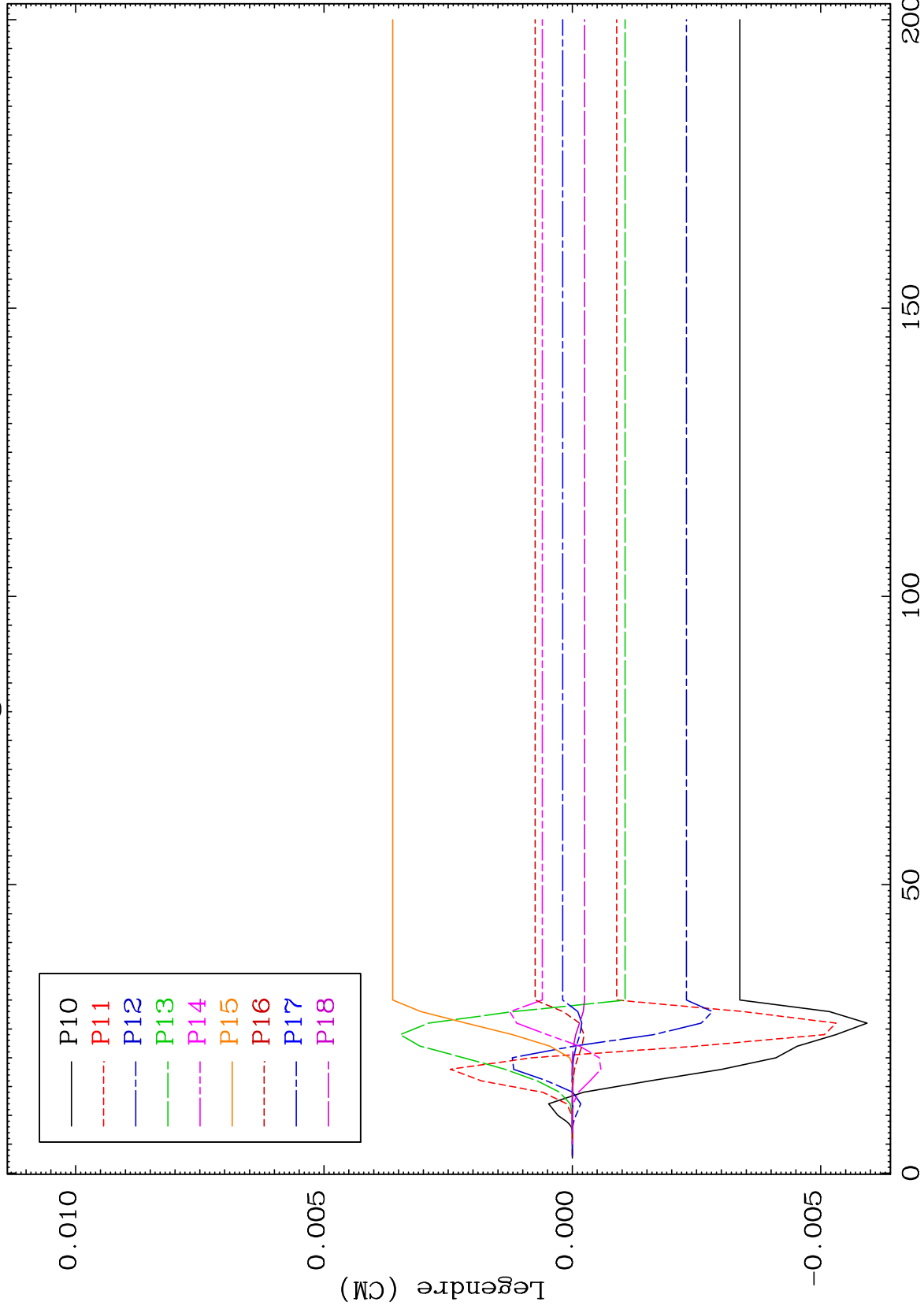
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MAT 5061

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

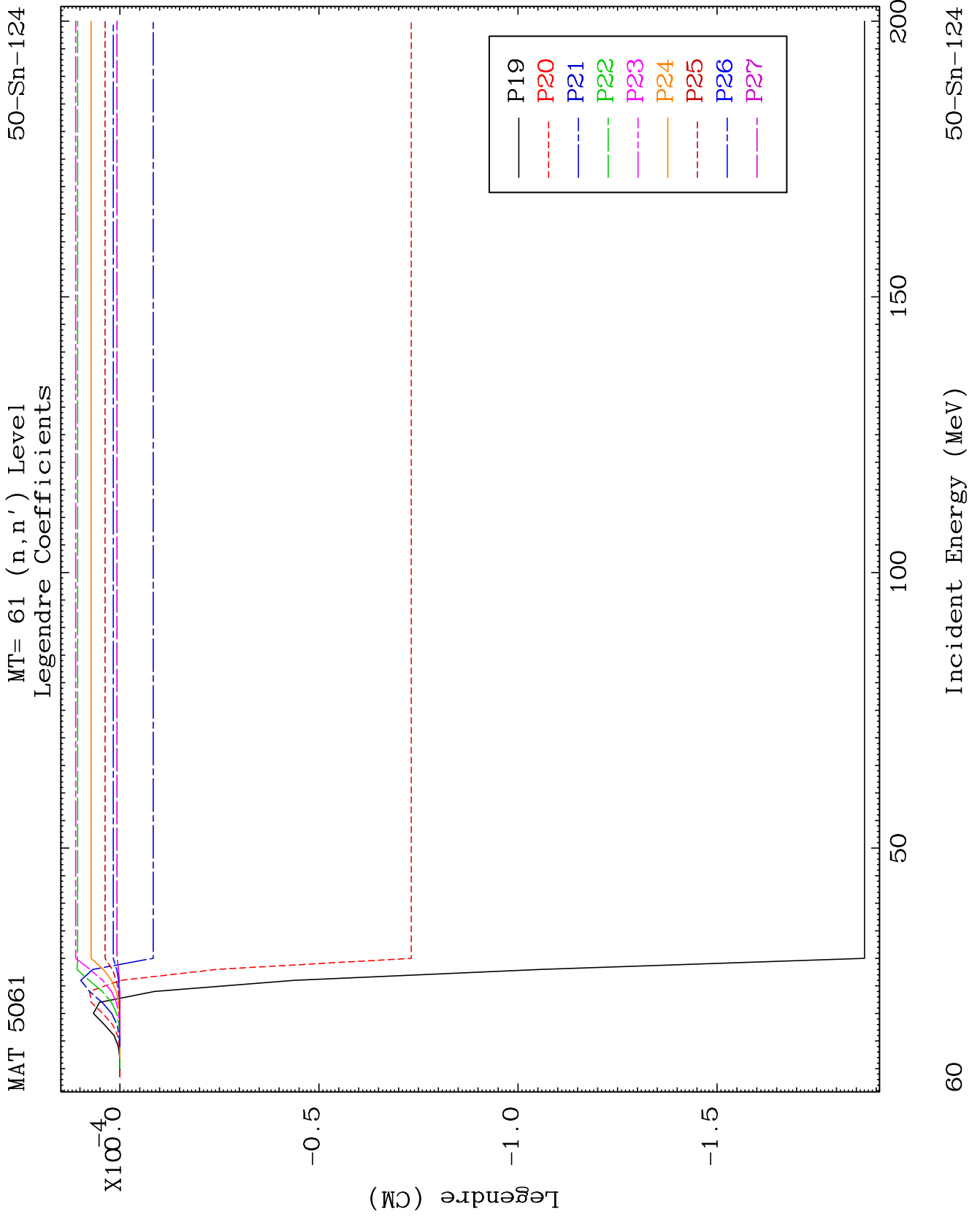
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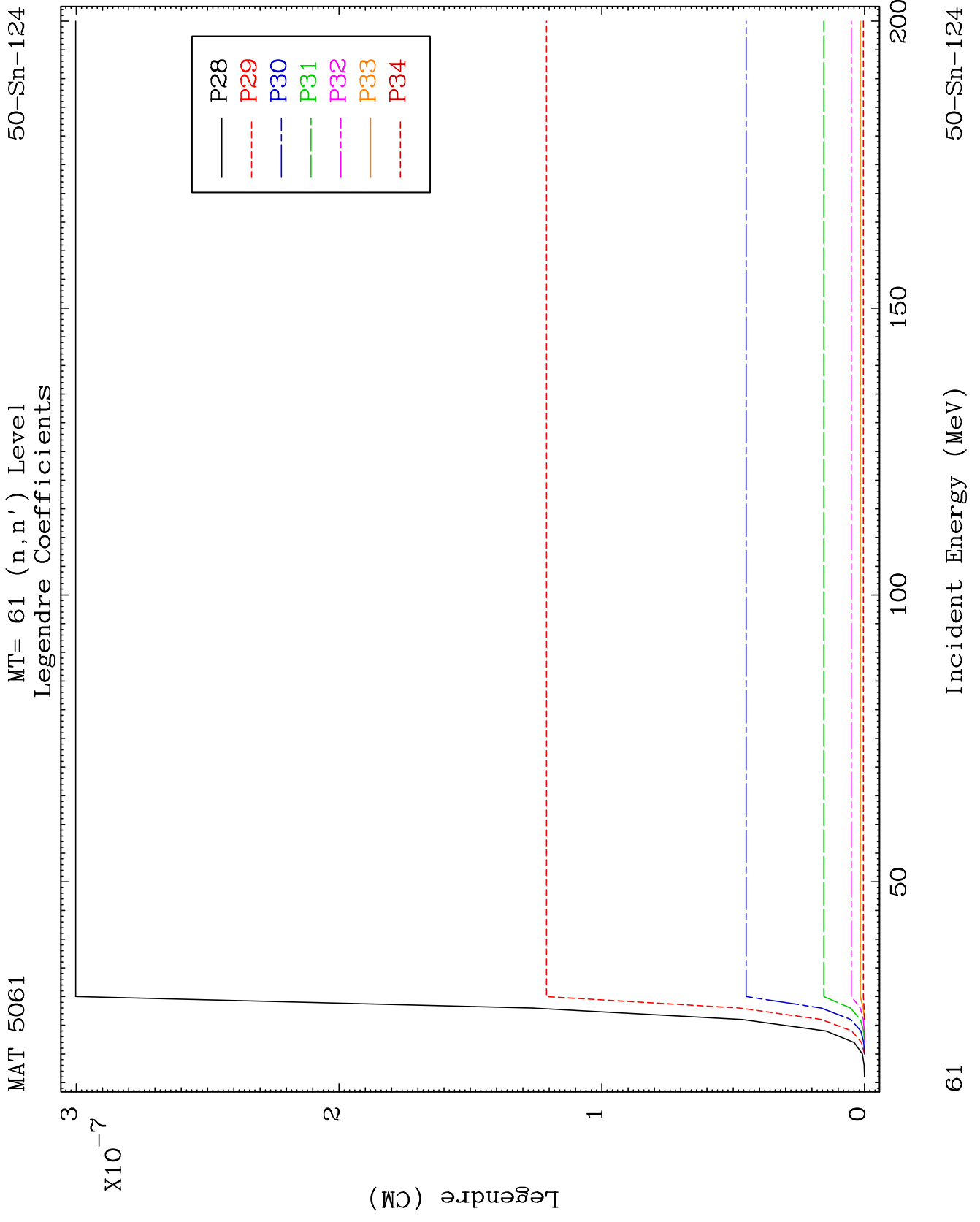


59

Incident Energy (MeV)

50-Sn-124

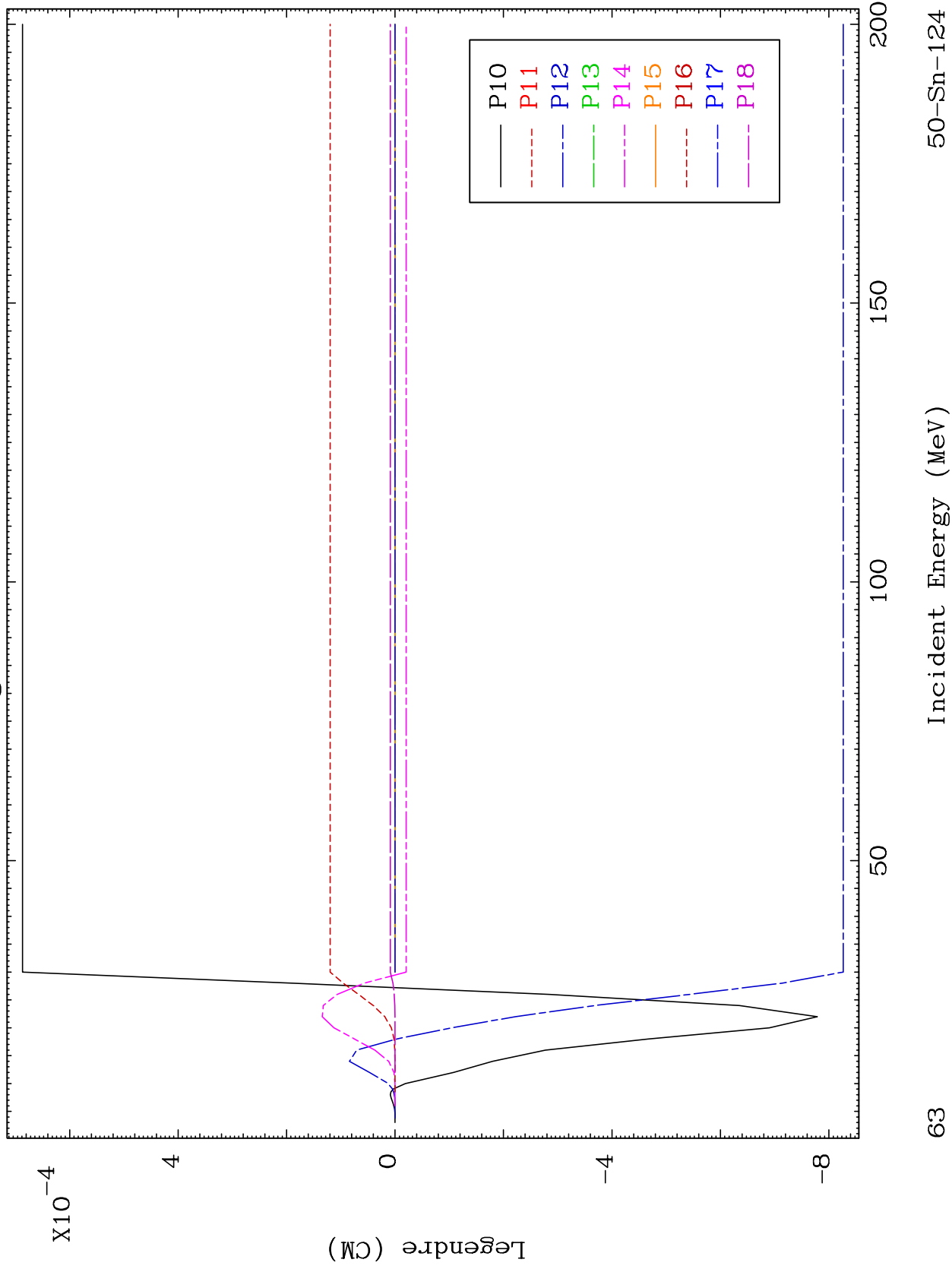




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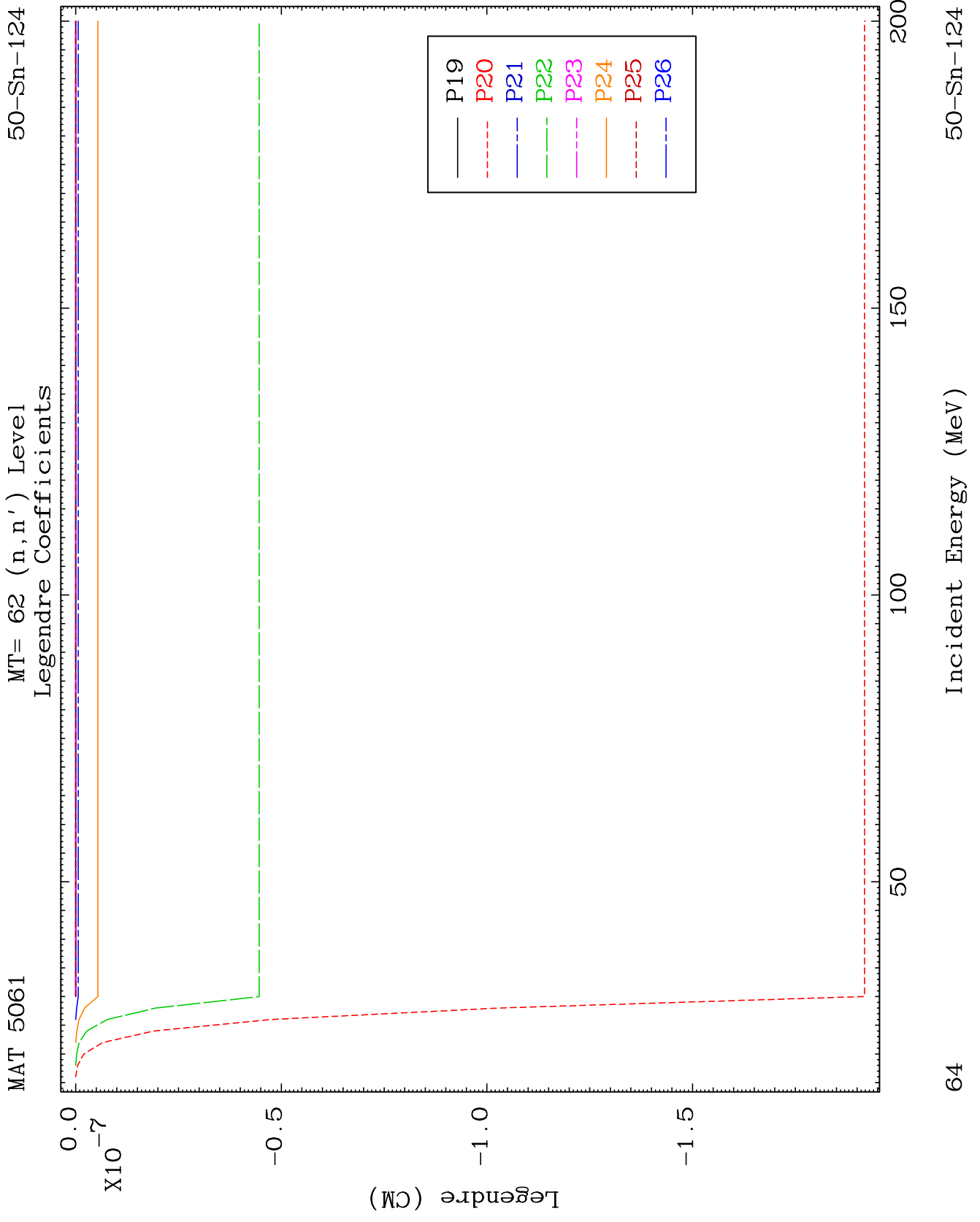
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Legendre Coefficients

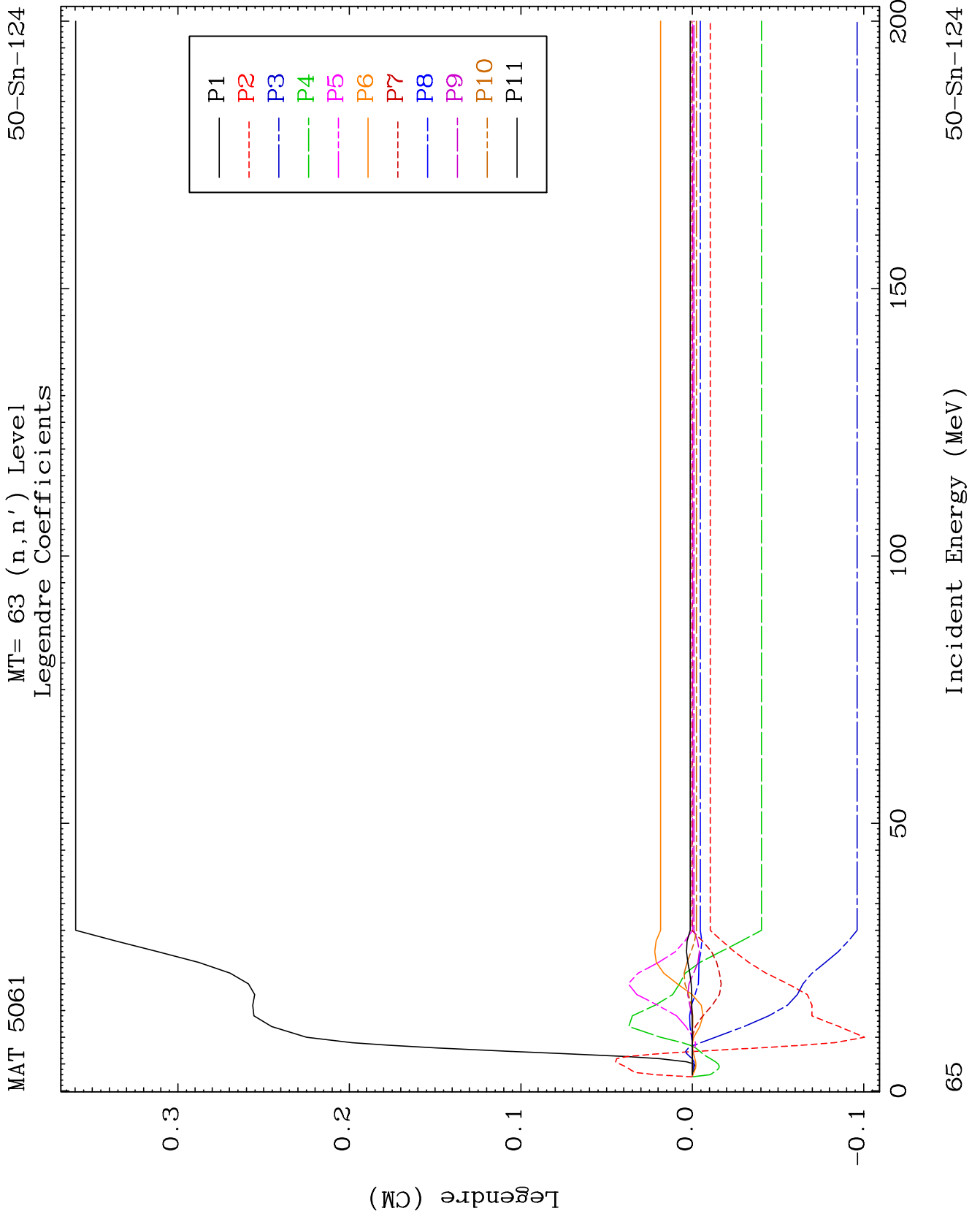
50-Sn-124



63

50-Sn-124

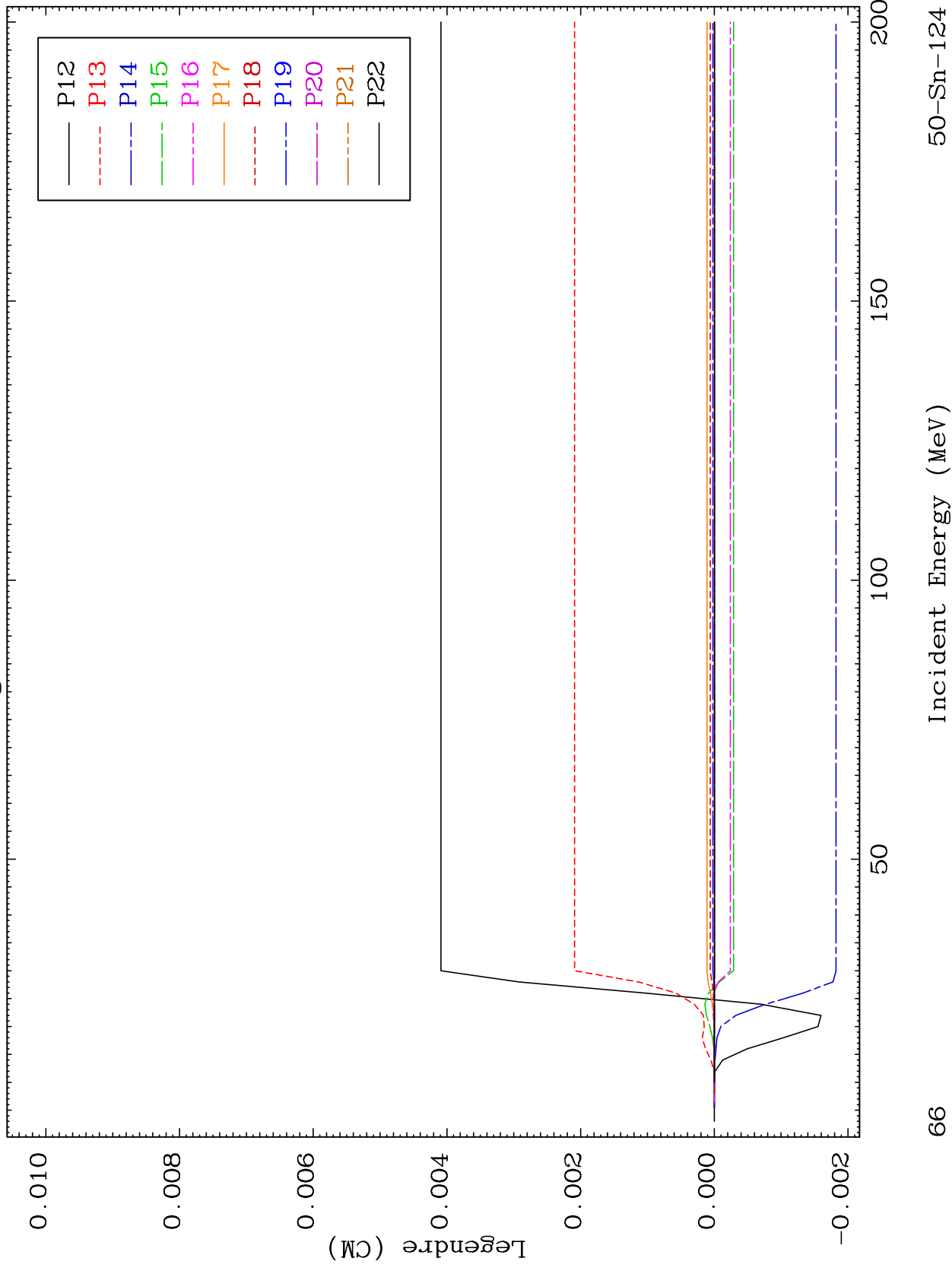




MAT 5061

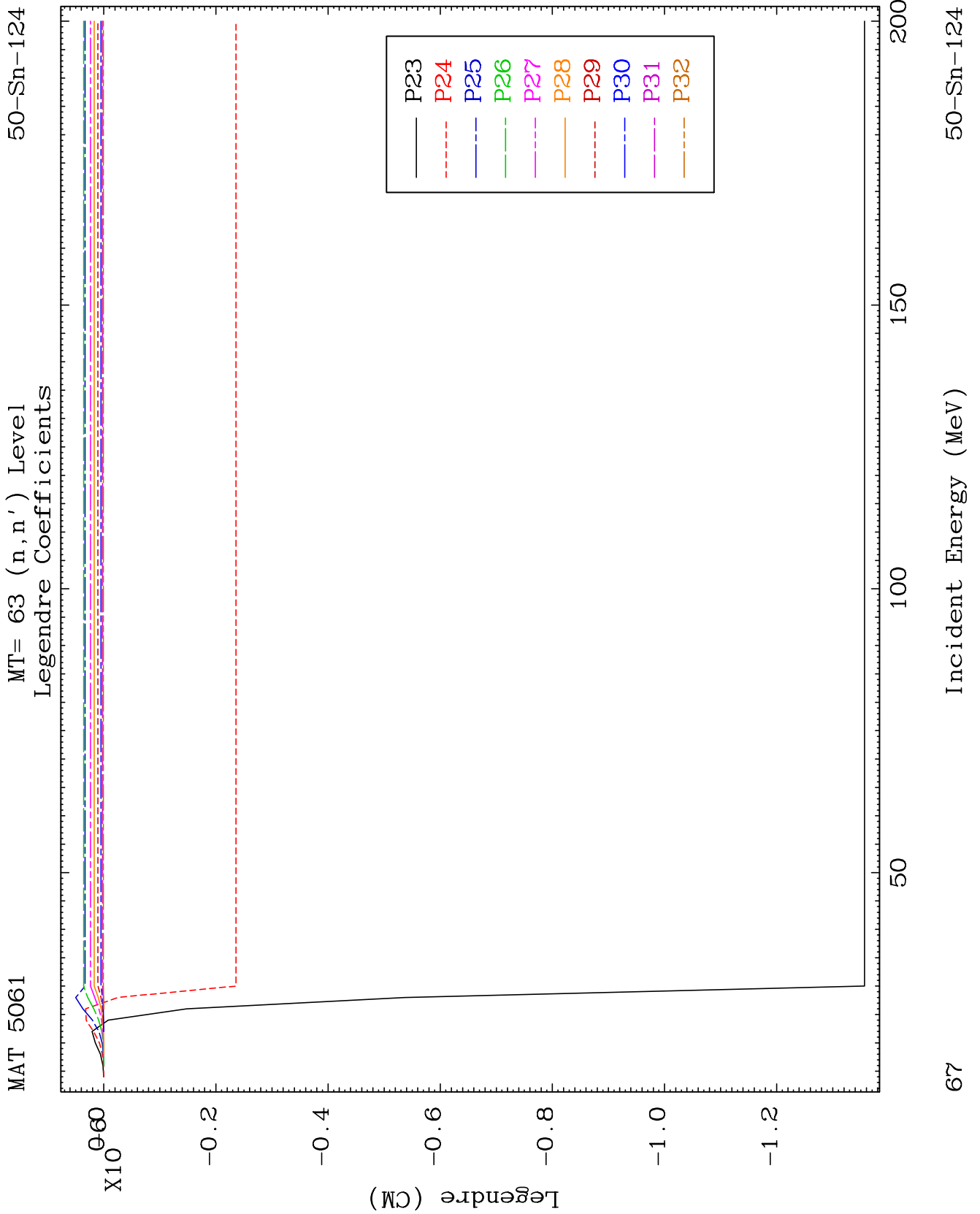
MT= 63 (n,n') Level
Legendre Coefficients

50-Sn-124



66

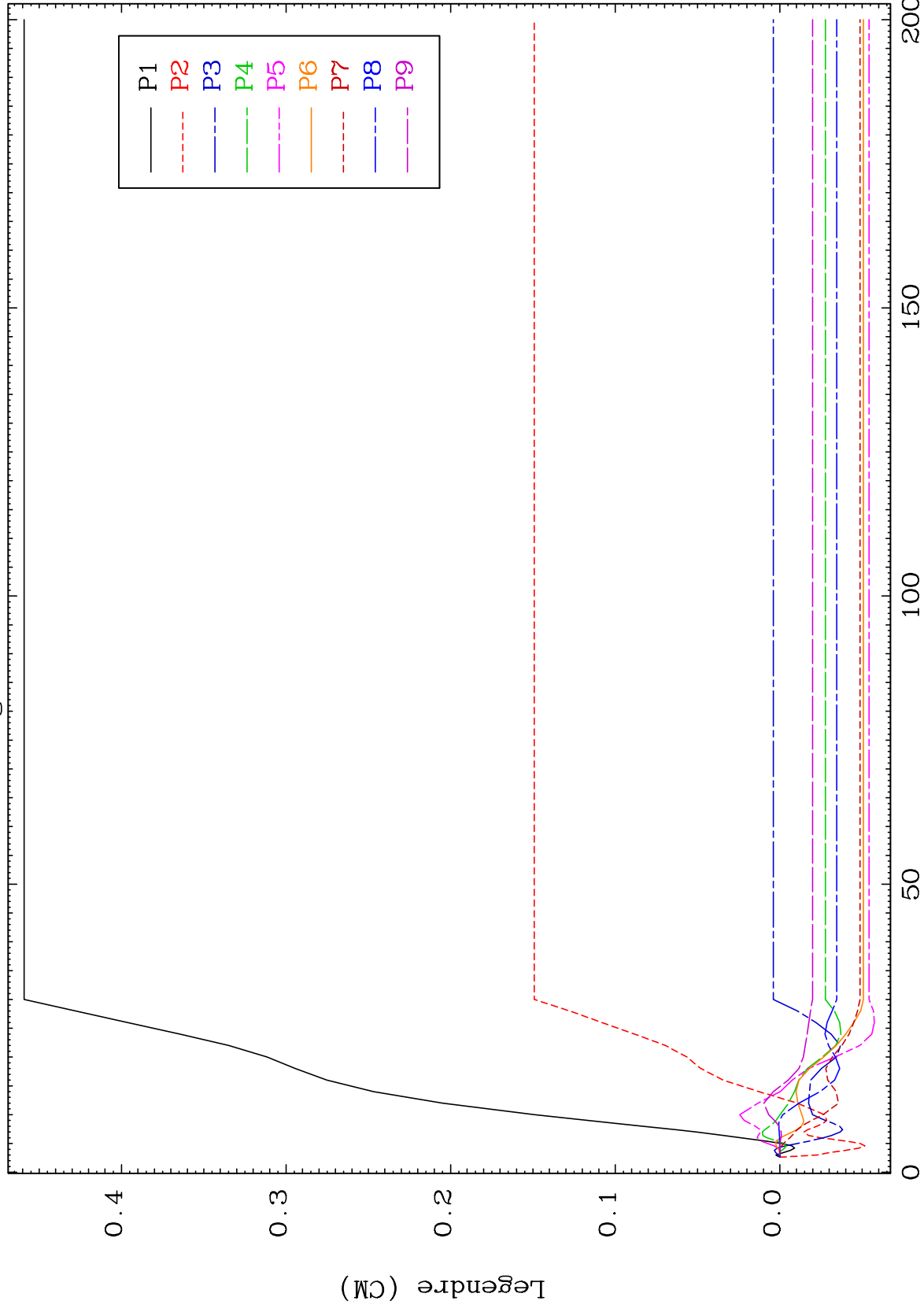
50-Sn-124



MAT 5061

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

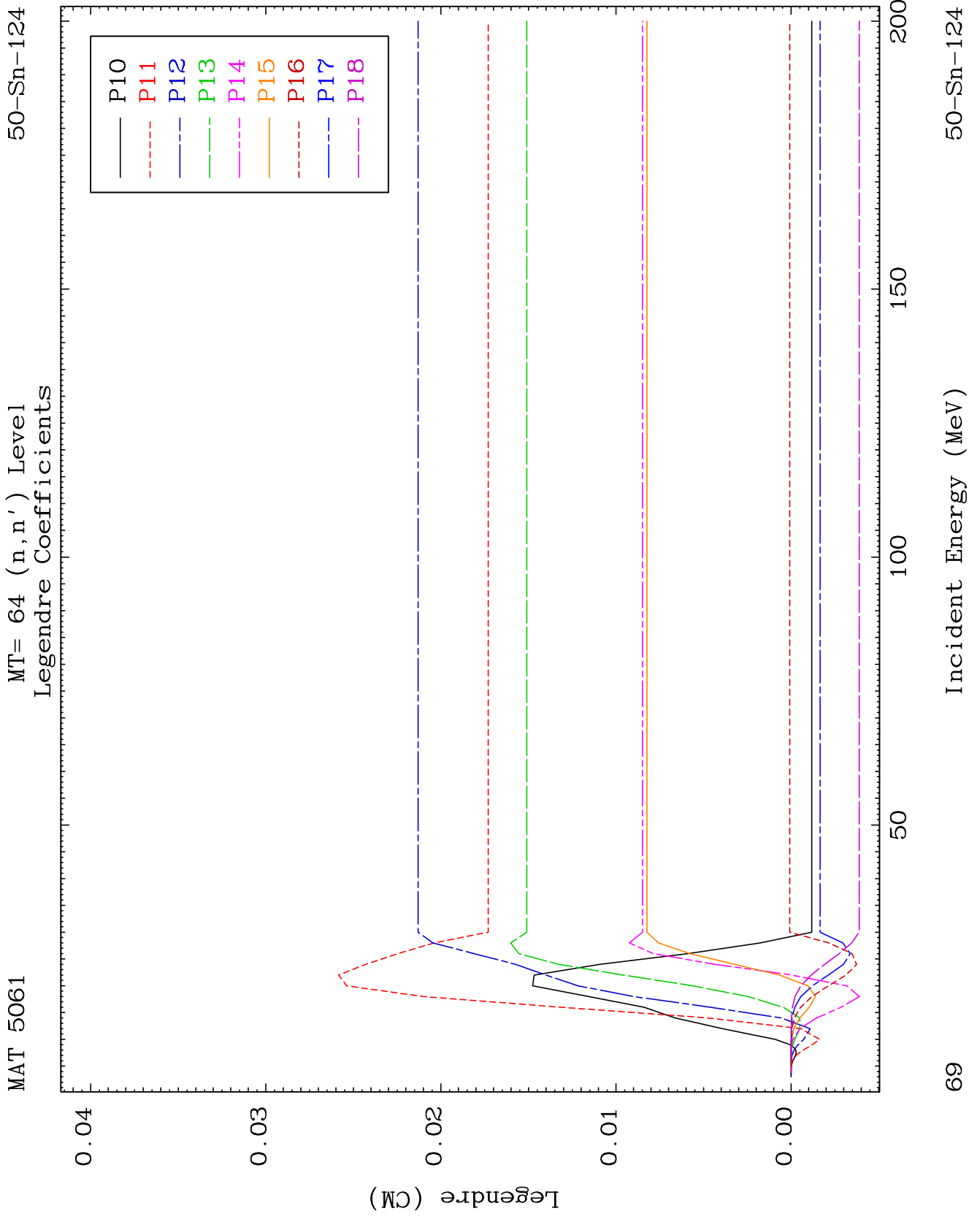
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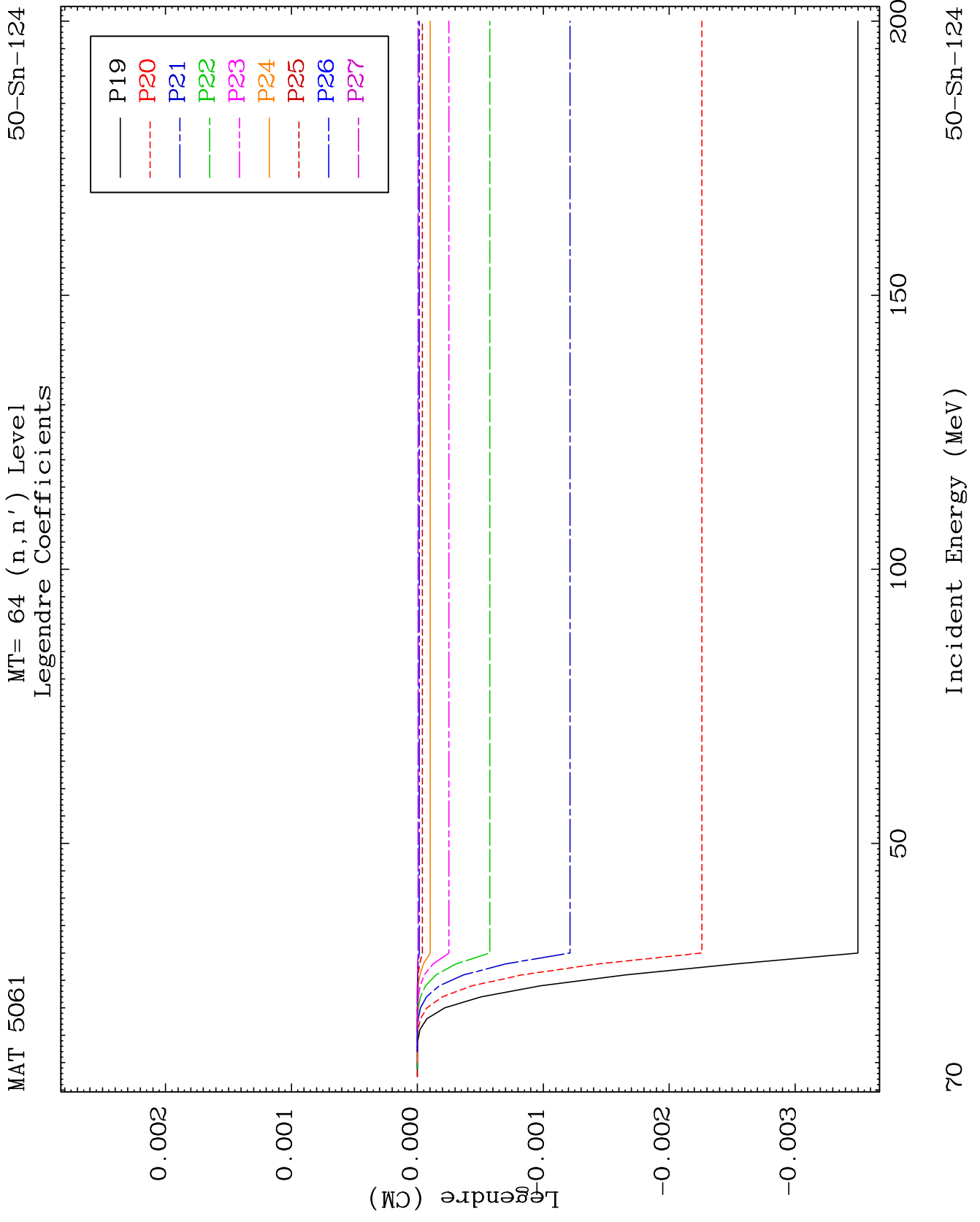


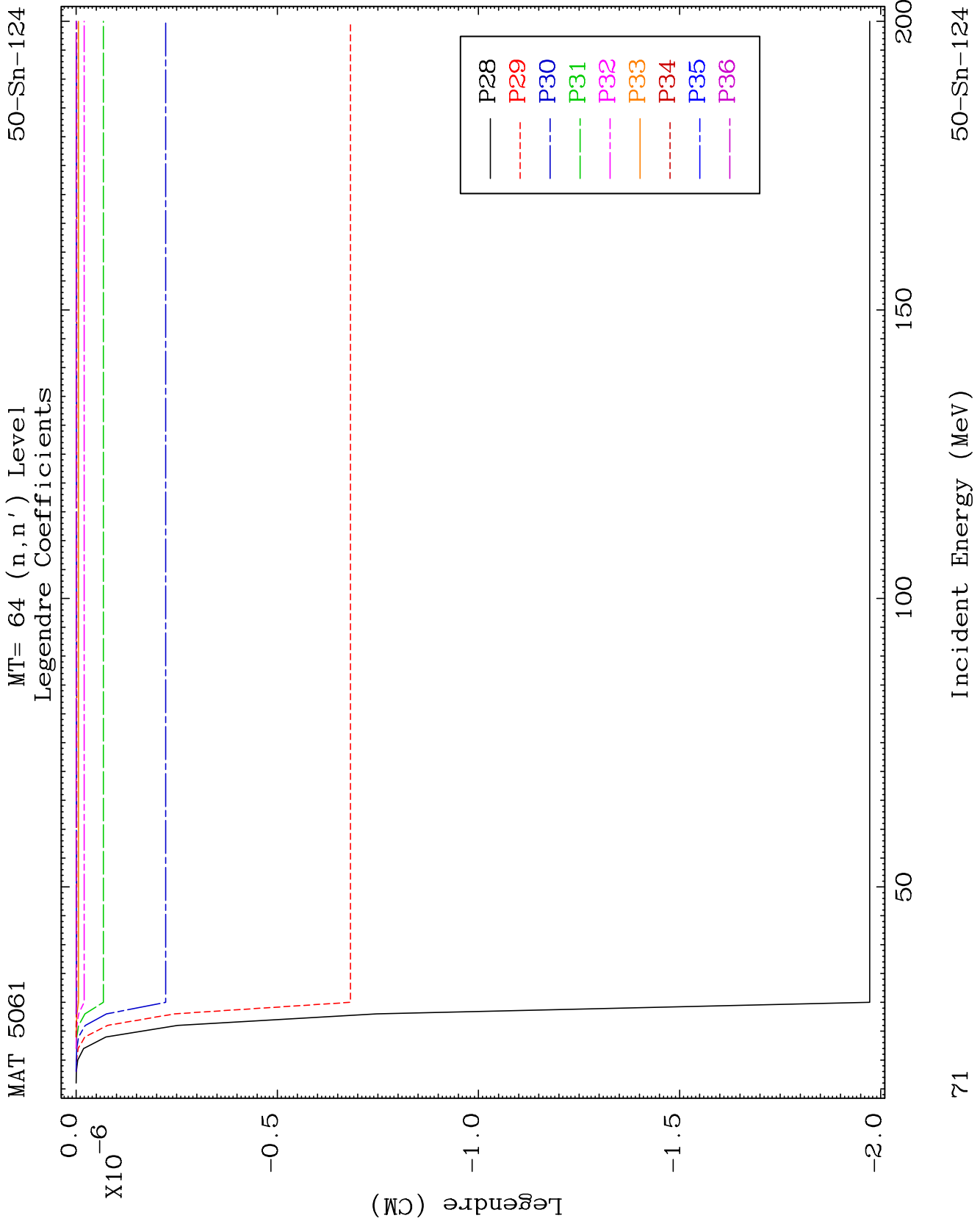
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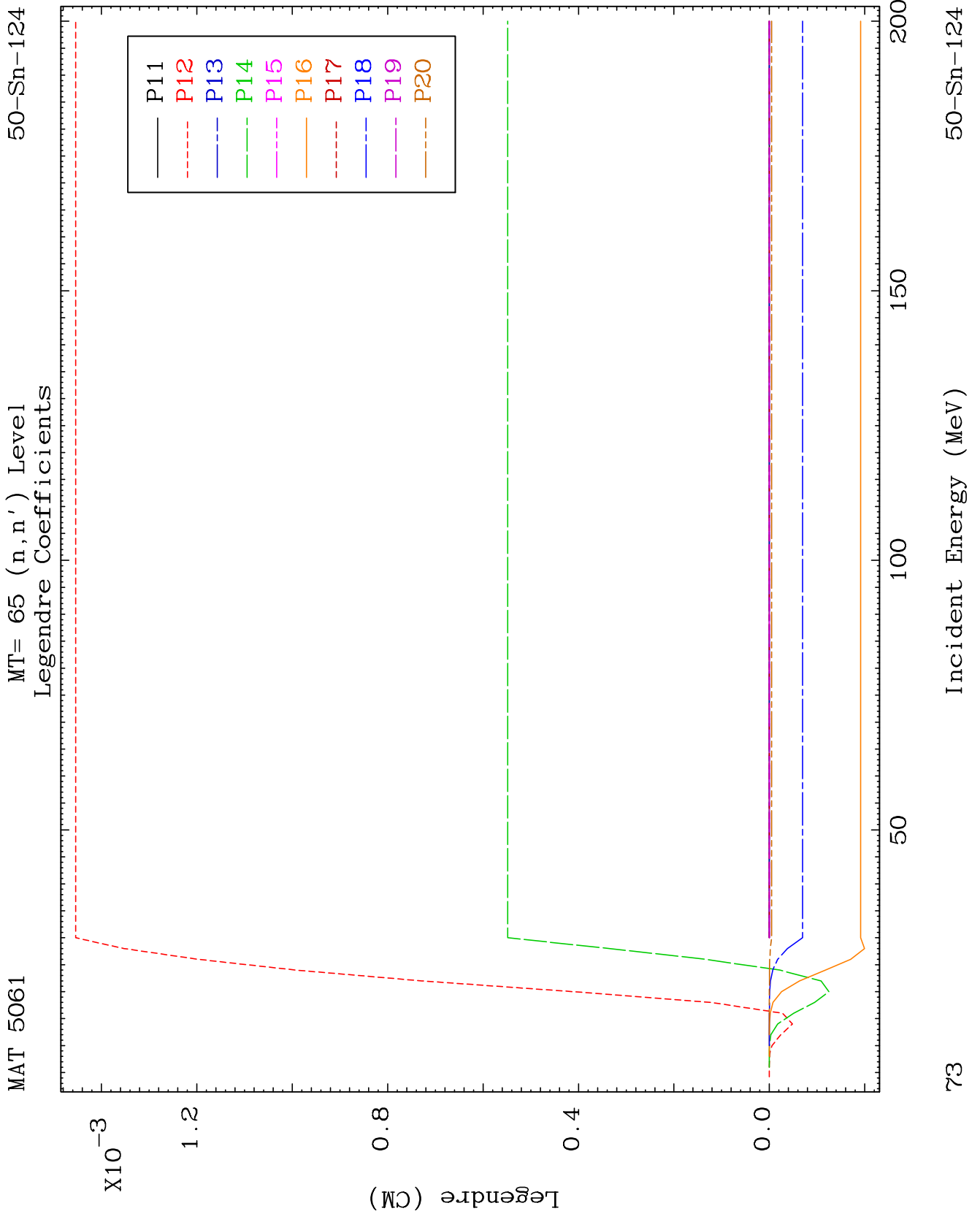
Incident Energy (MeV)

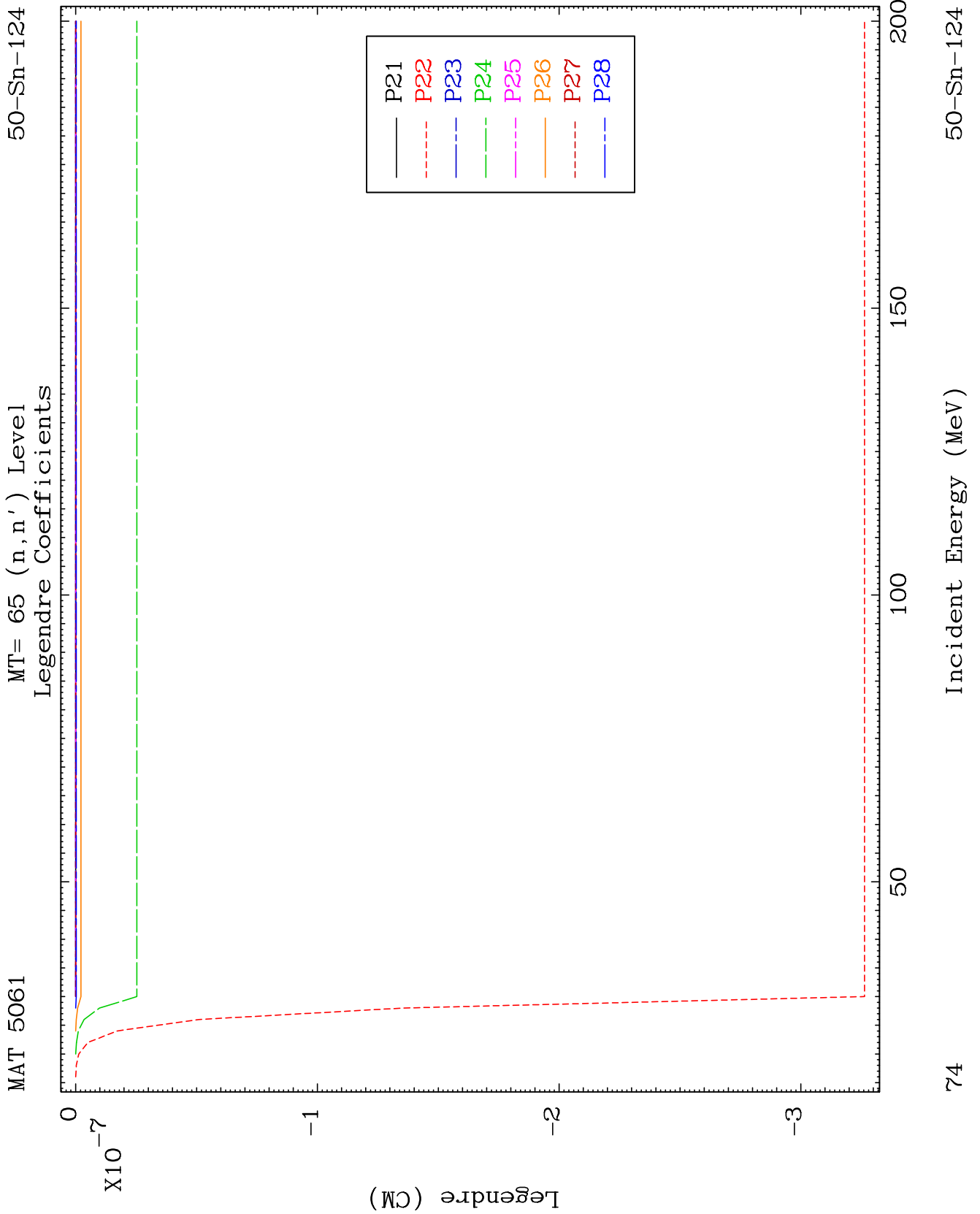
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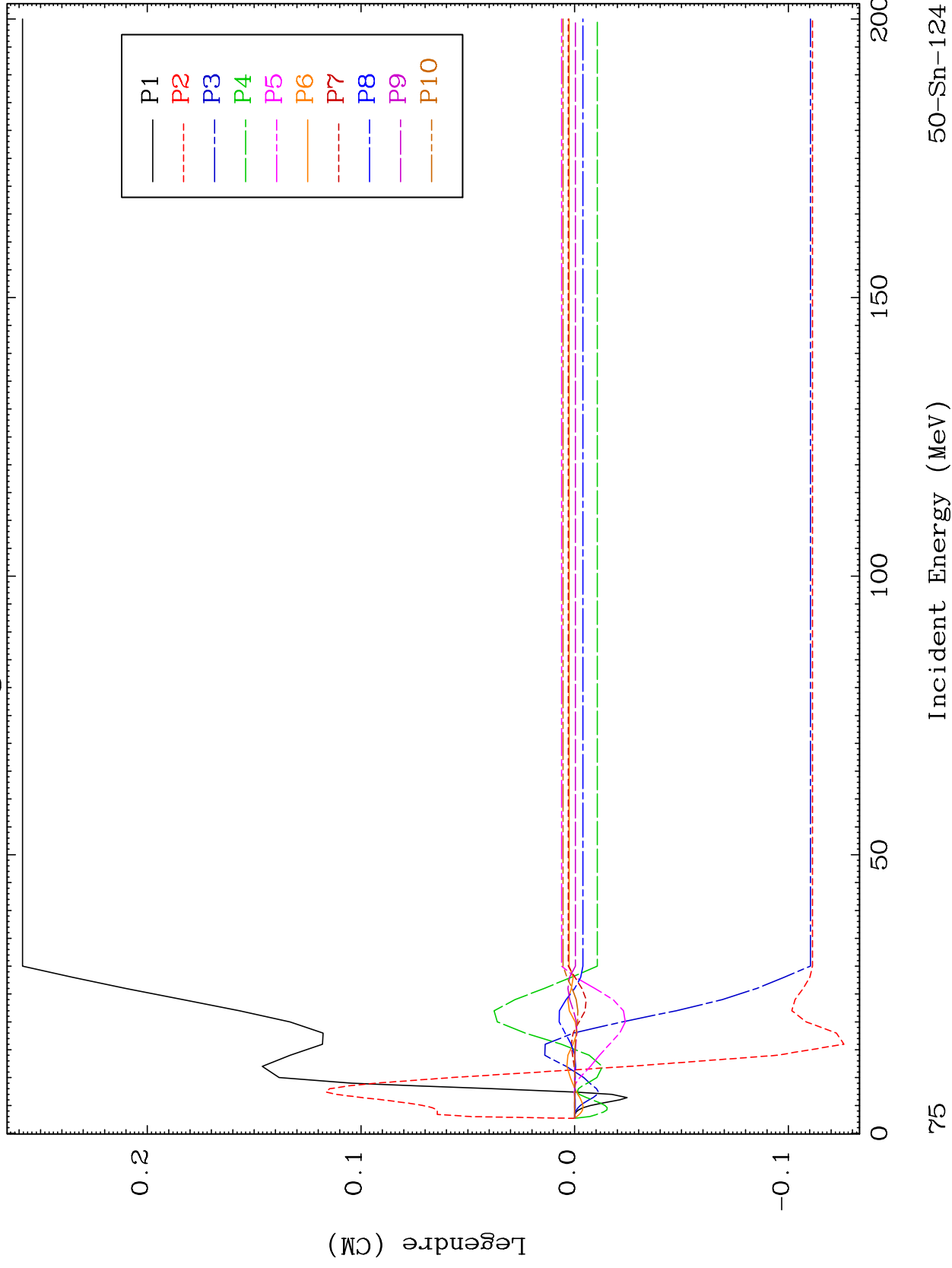




MAT 5061

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

50-Sn-124



75

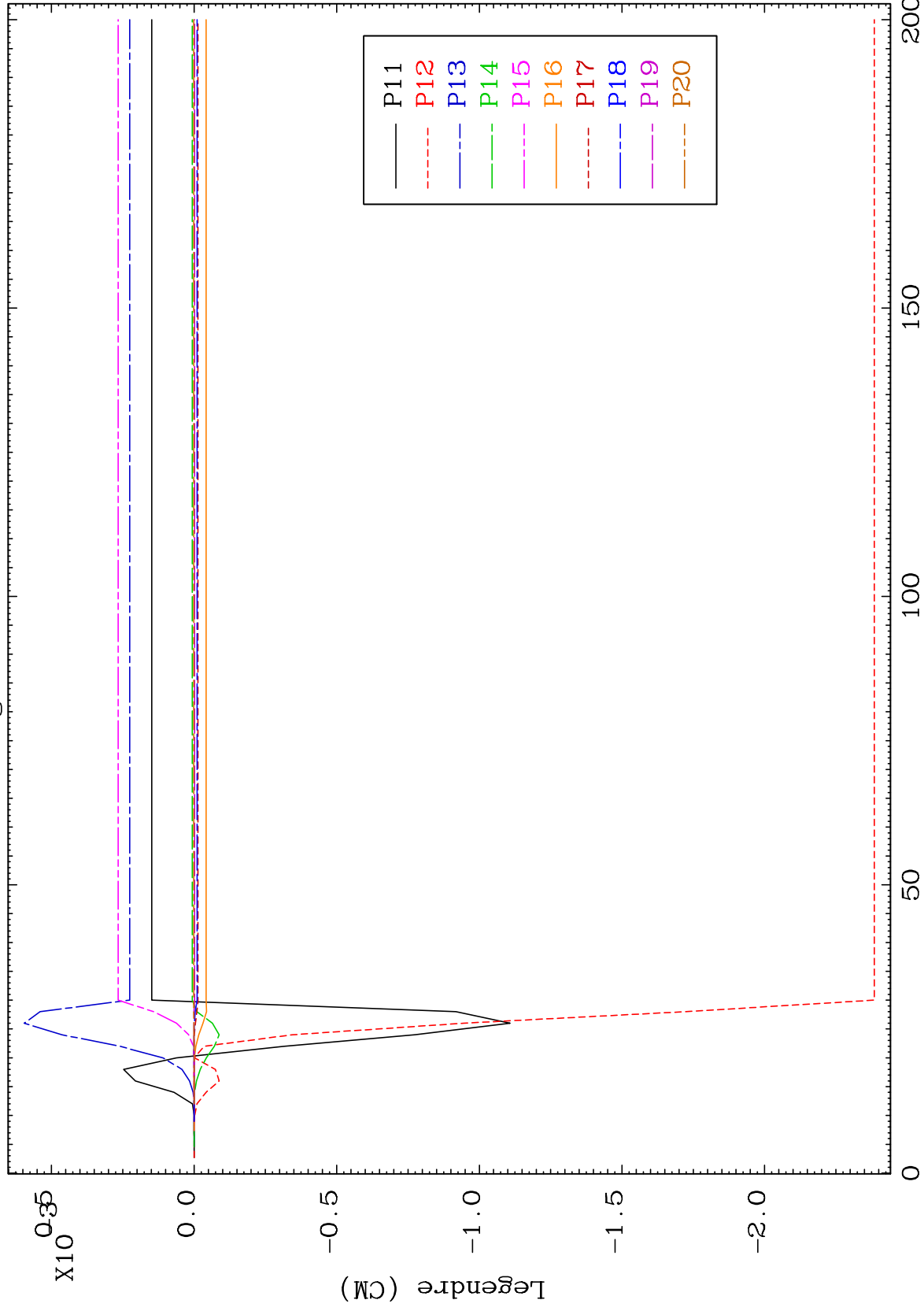
Incident Energy (MeV)

50-Sn-124

MAT 5061

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

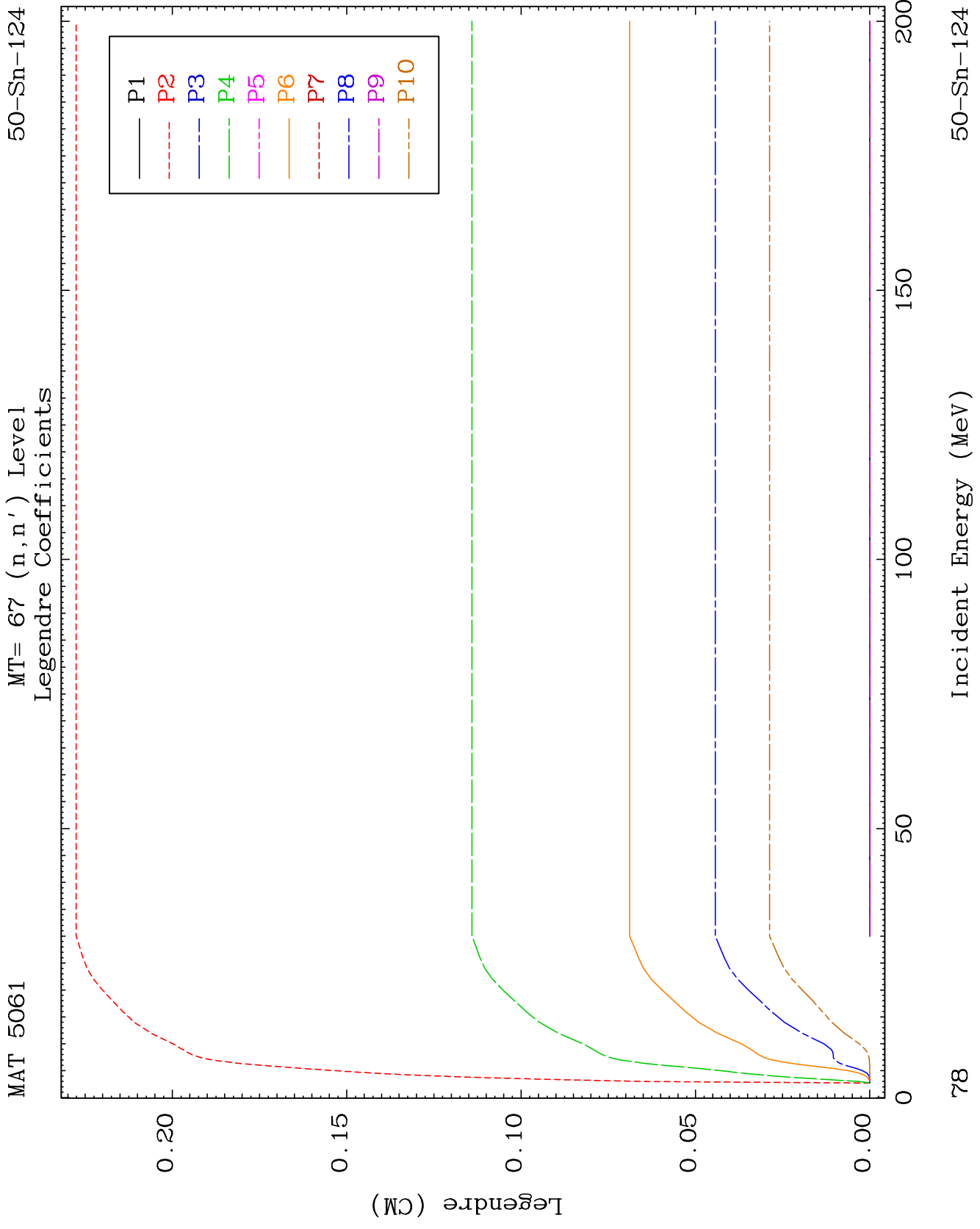
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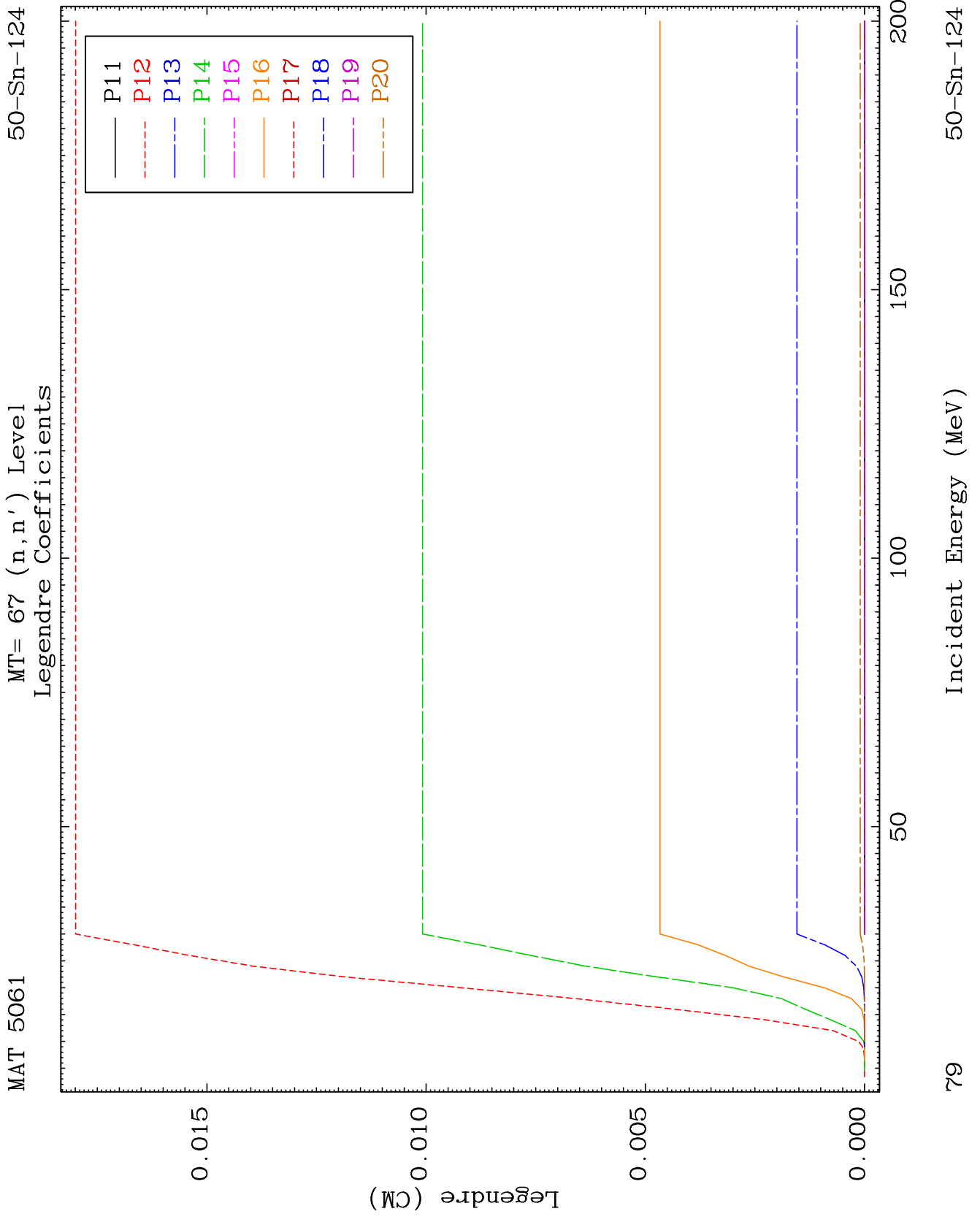


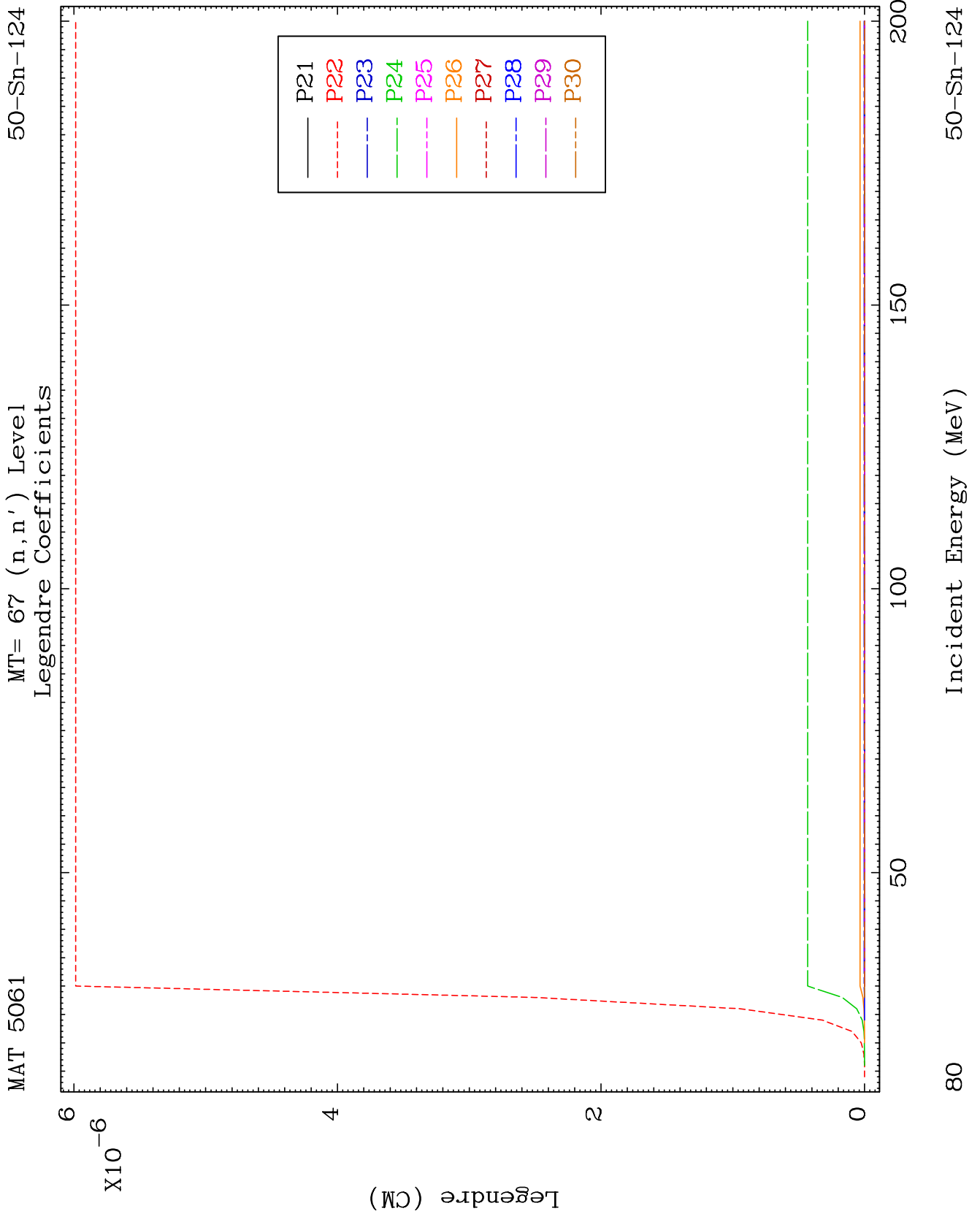
76

Incident Energy (MeV)

50-Sn-124



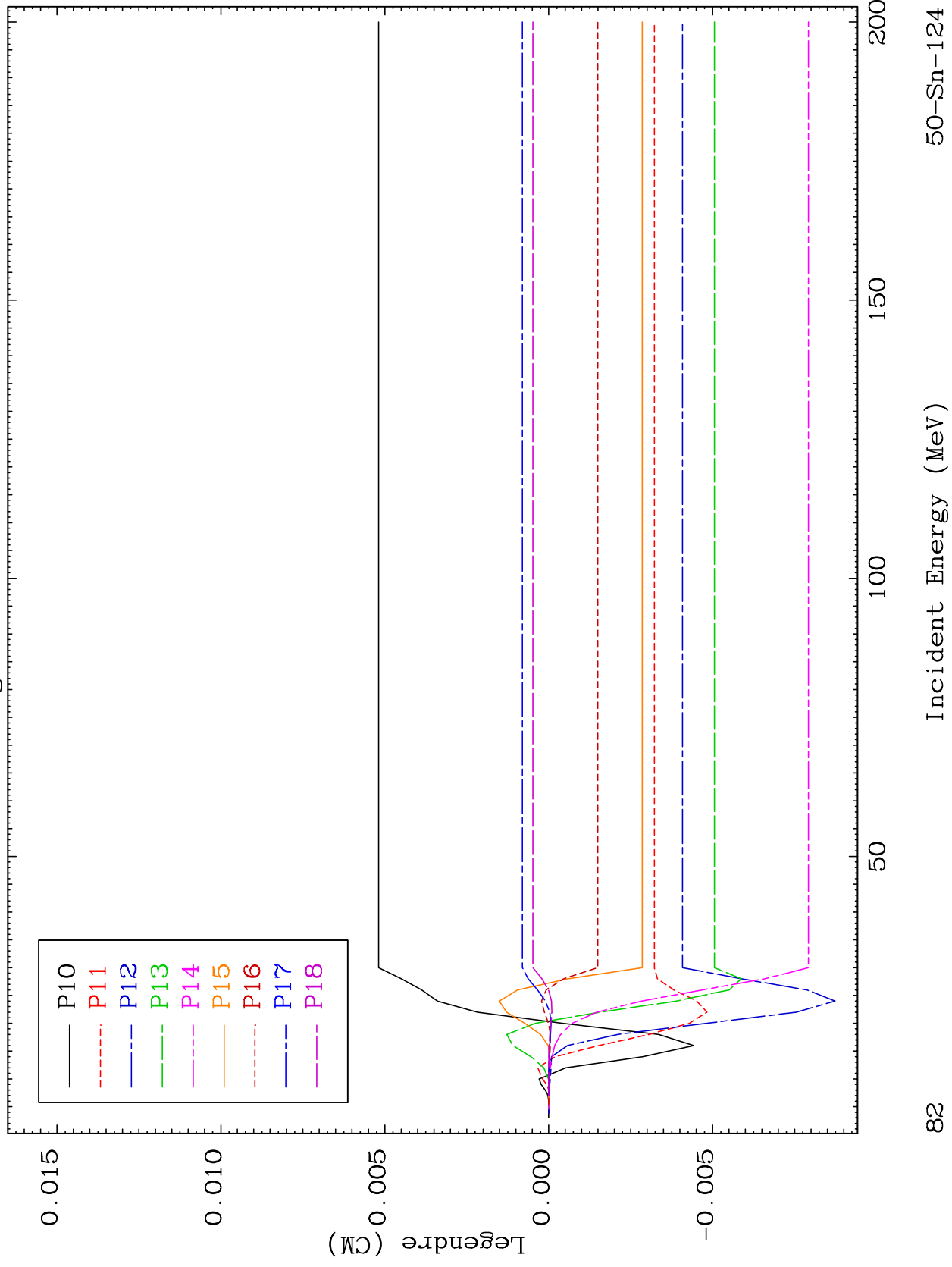




MAT 5061

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

50-Sn-124

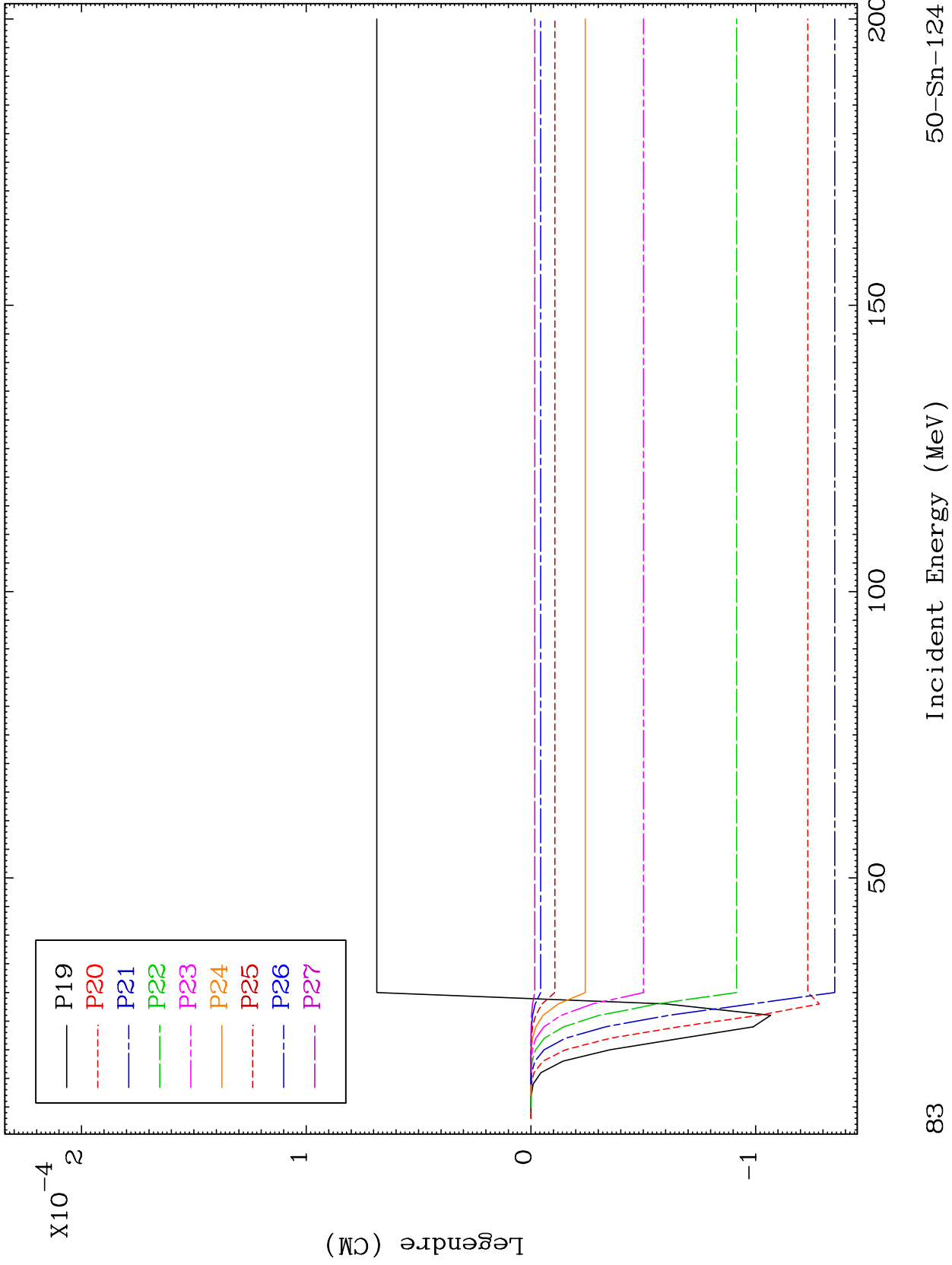


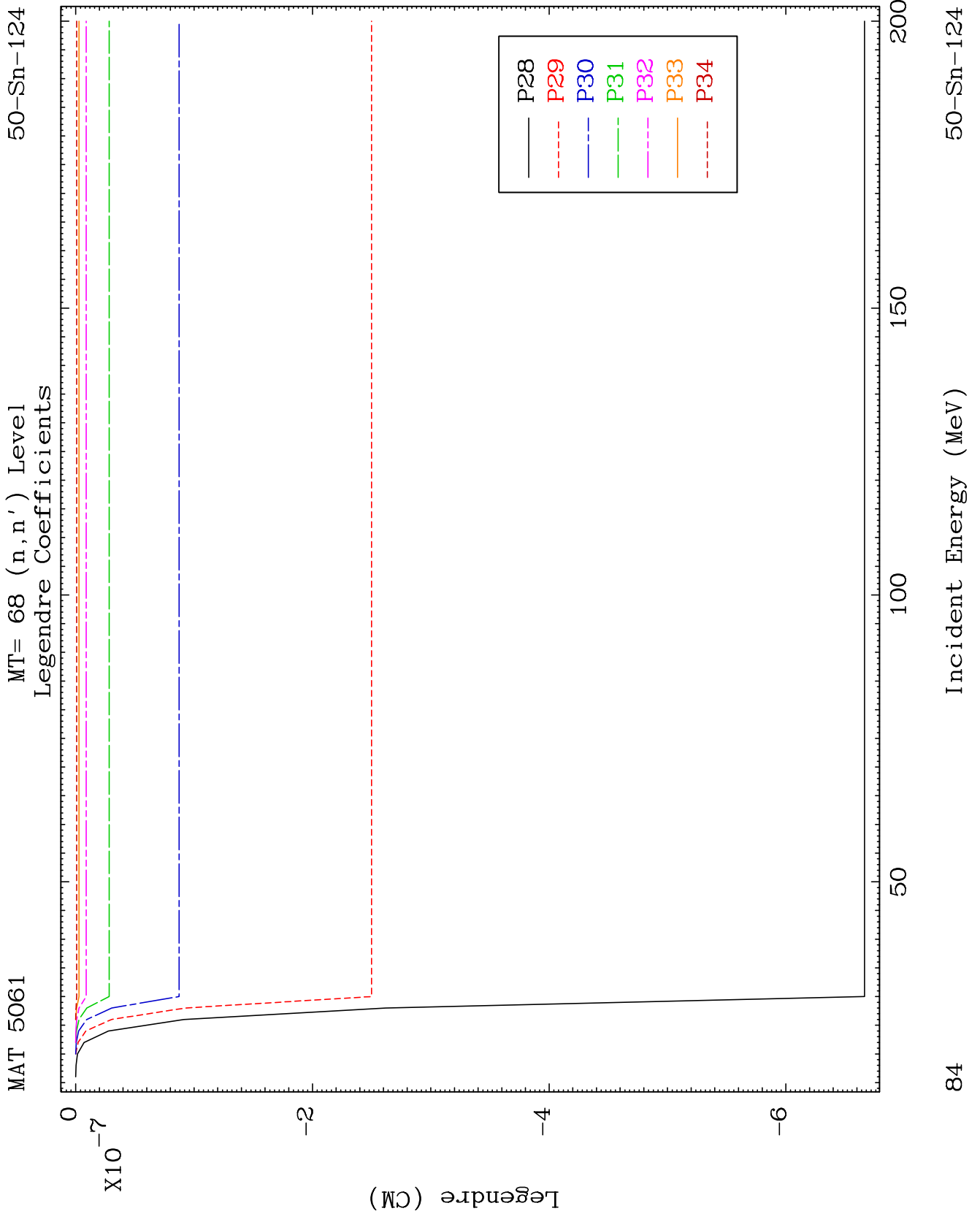
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MAT 5061

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

50-Sn-124

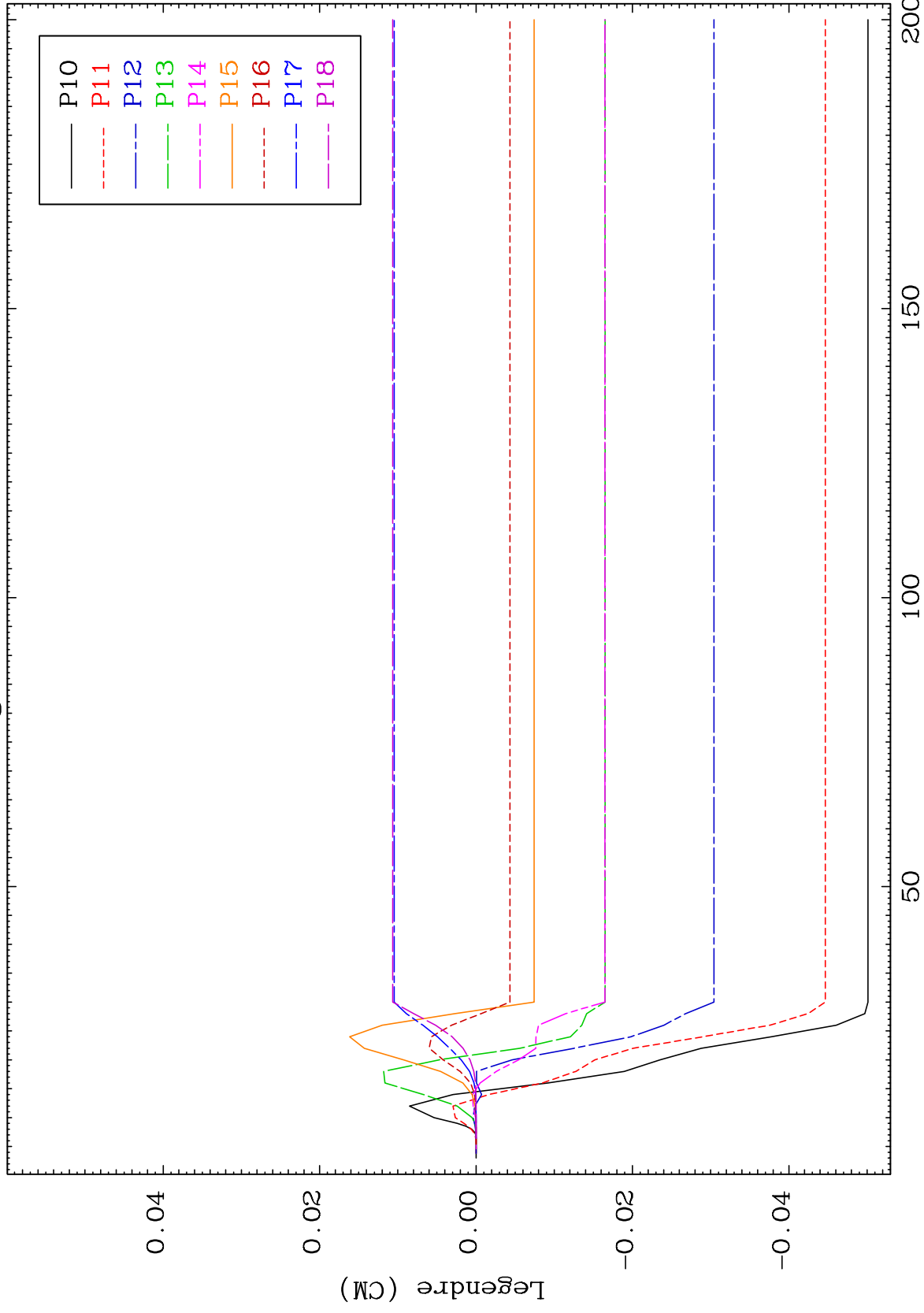




MAT 5061

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

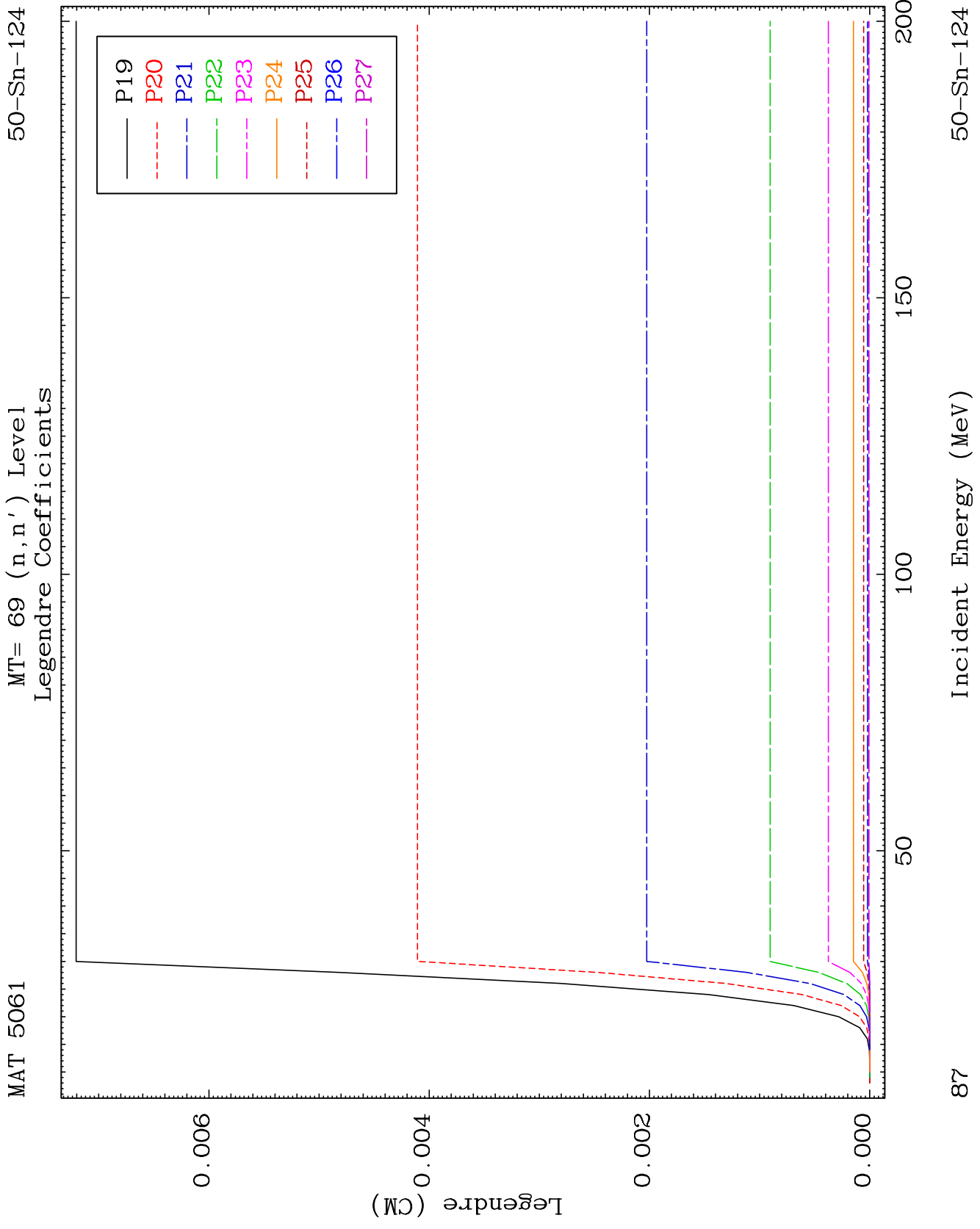
50-Sn-124

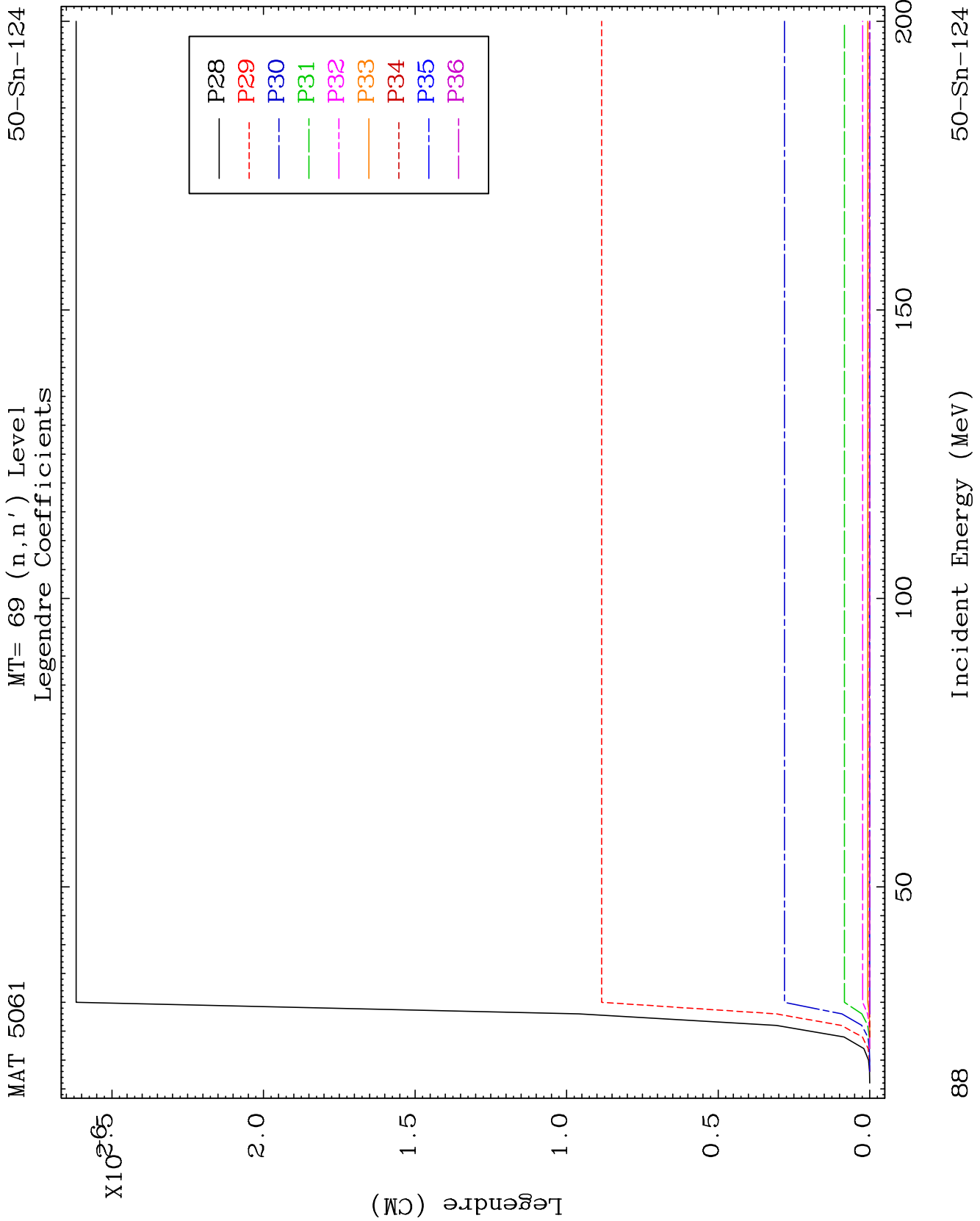


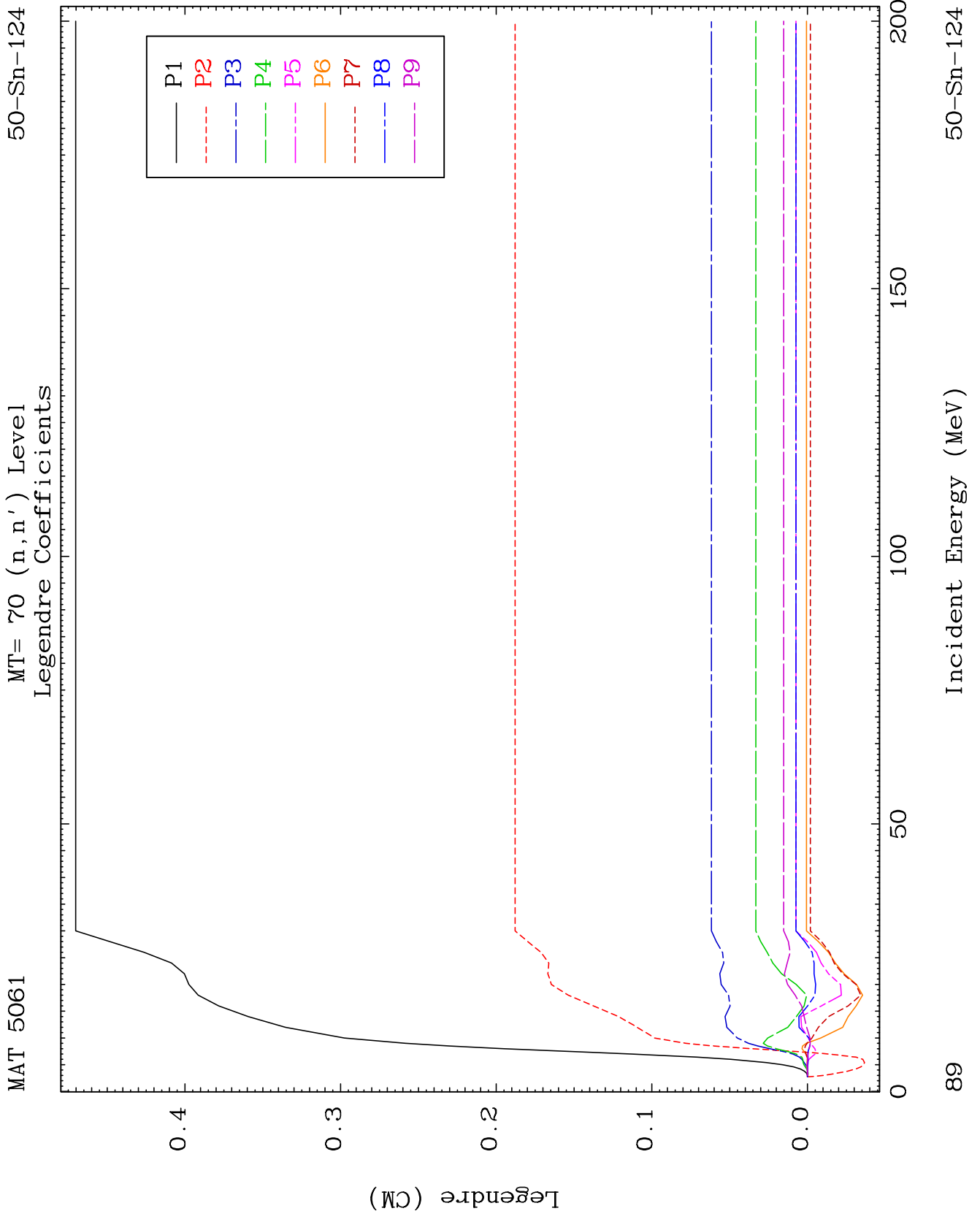
86

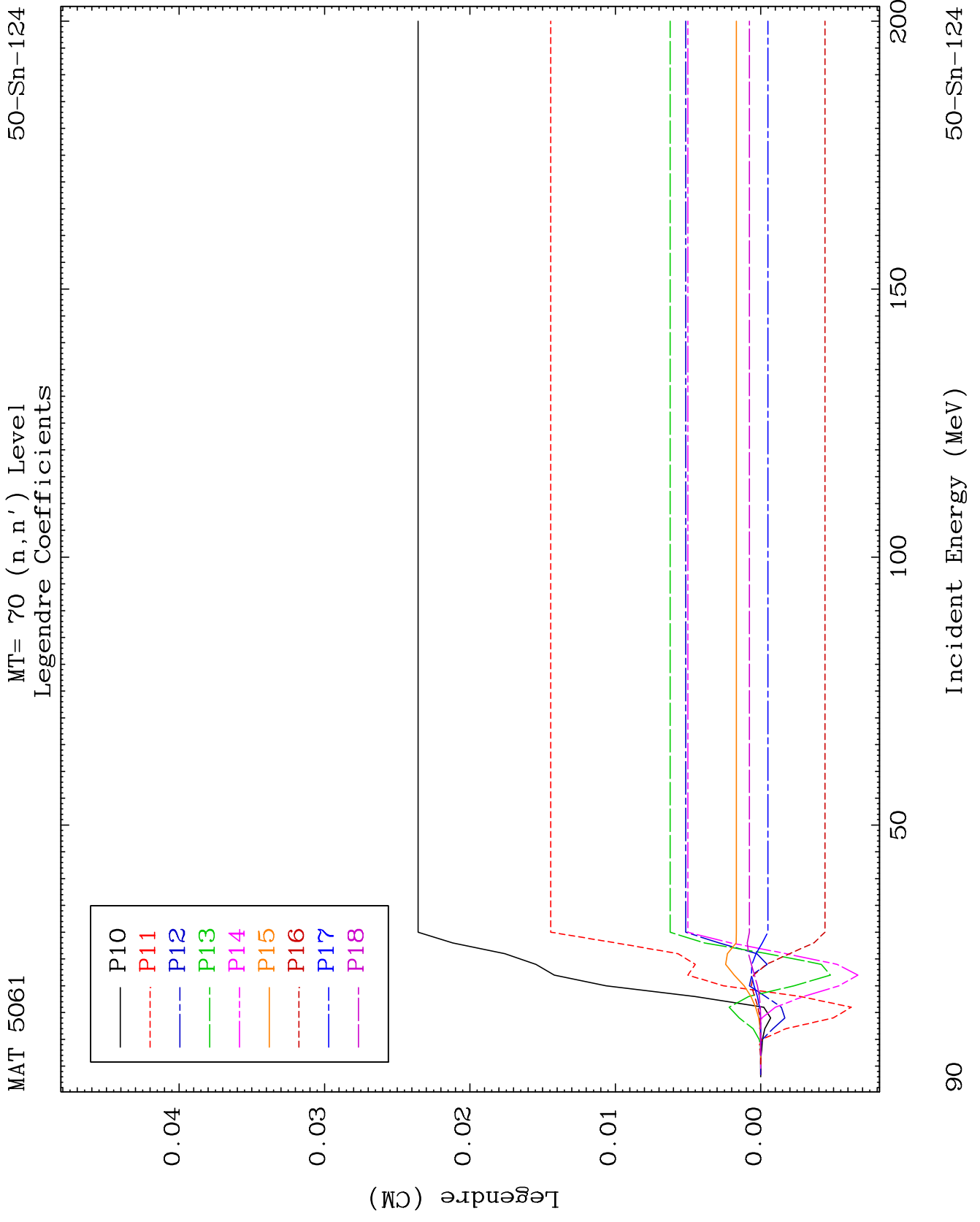
Incident Energy (MeV)

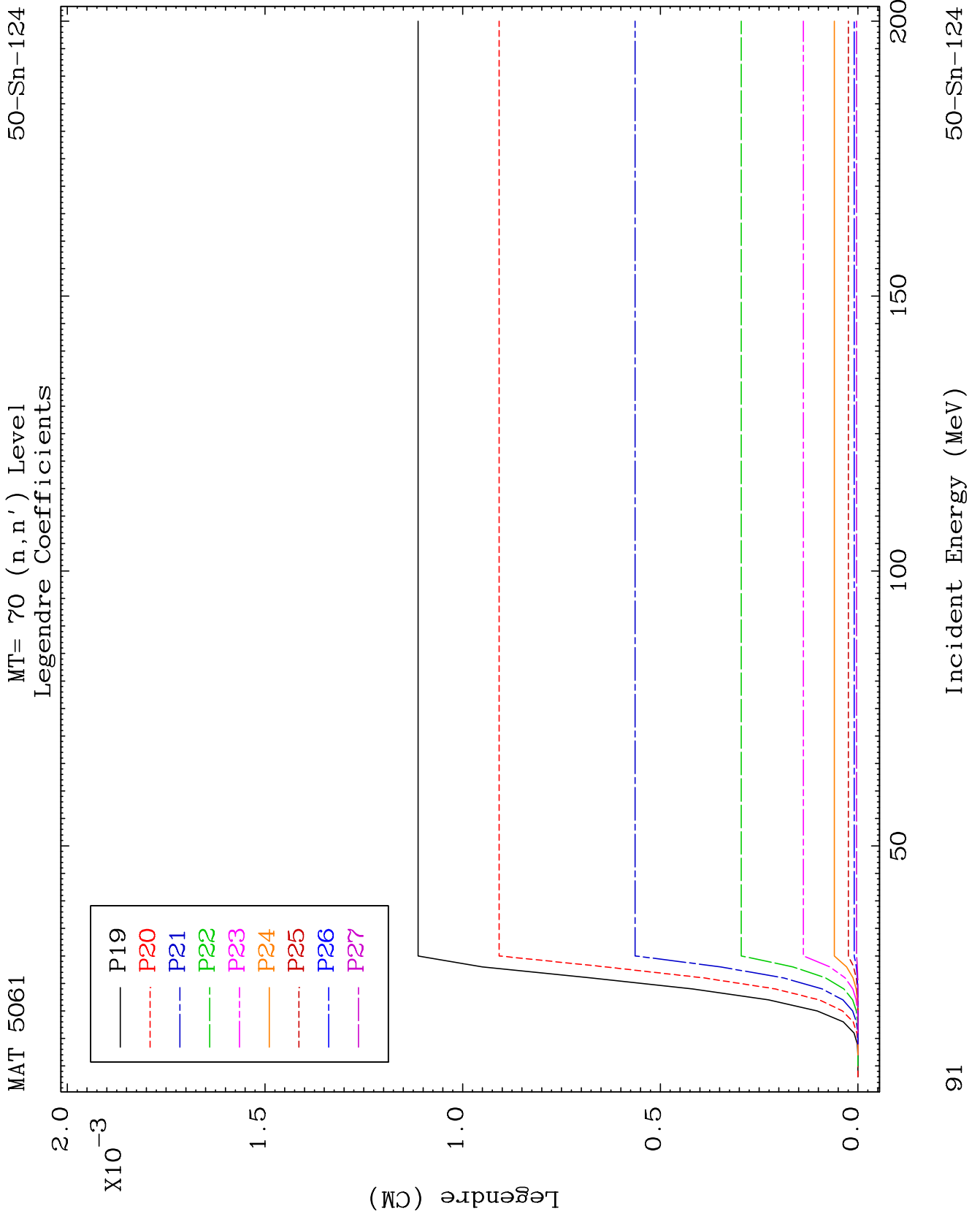
50-Sn-124

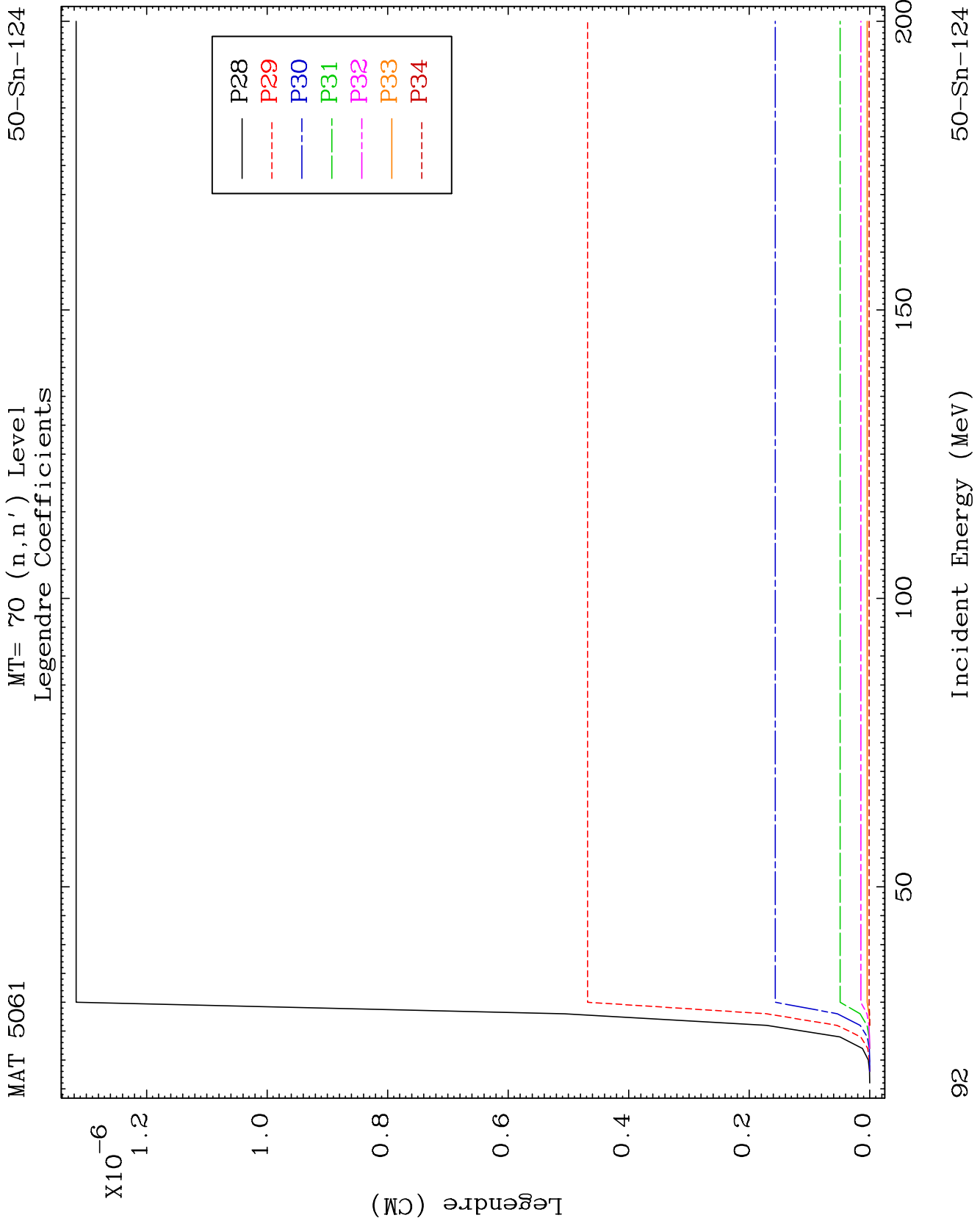


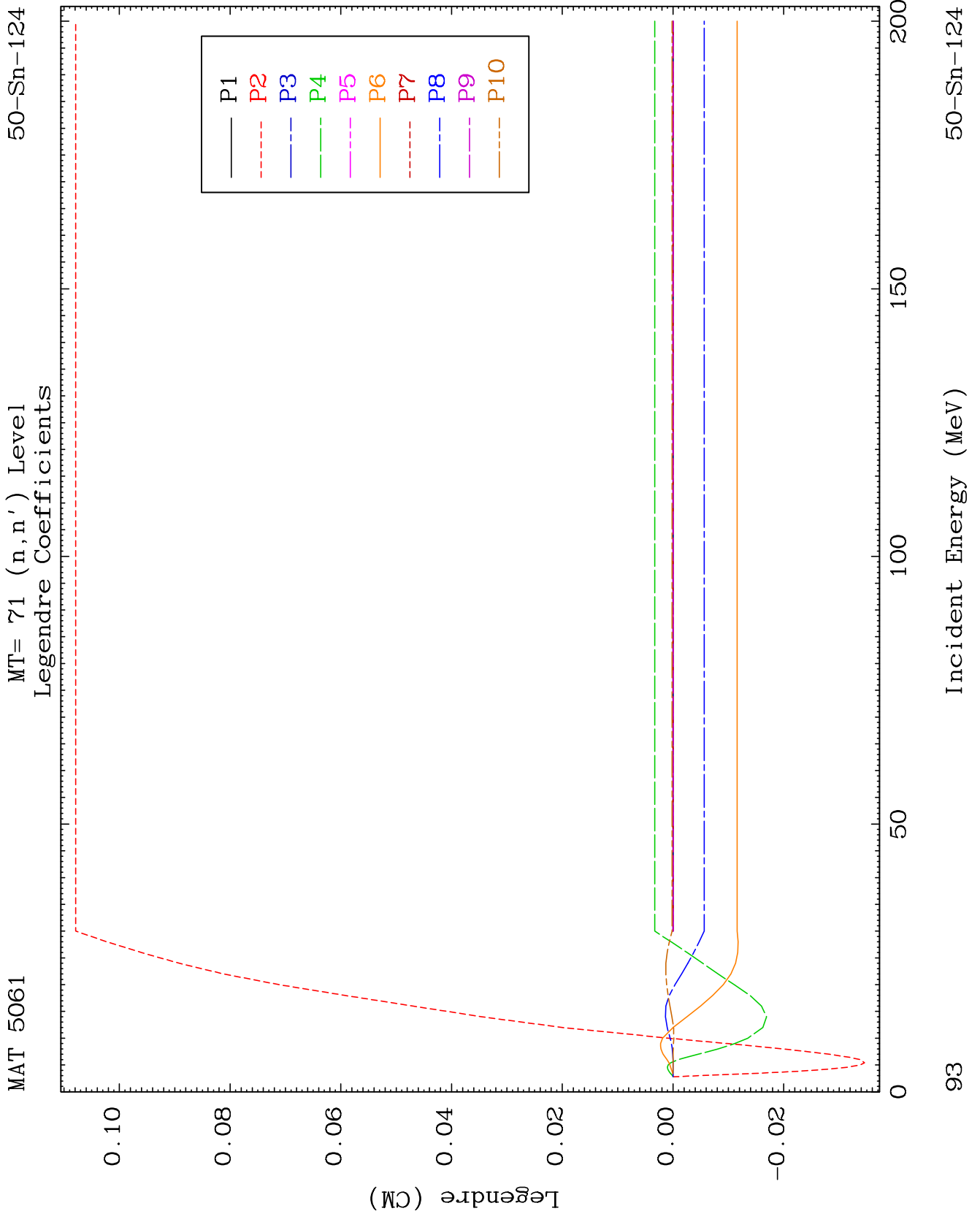


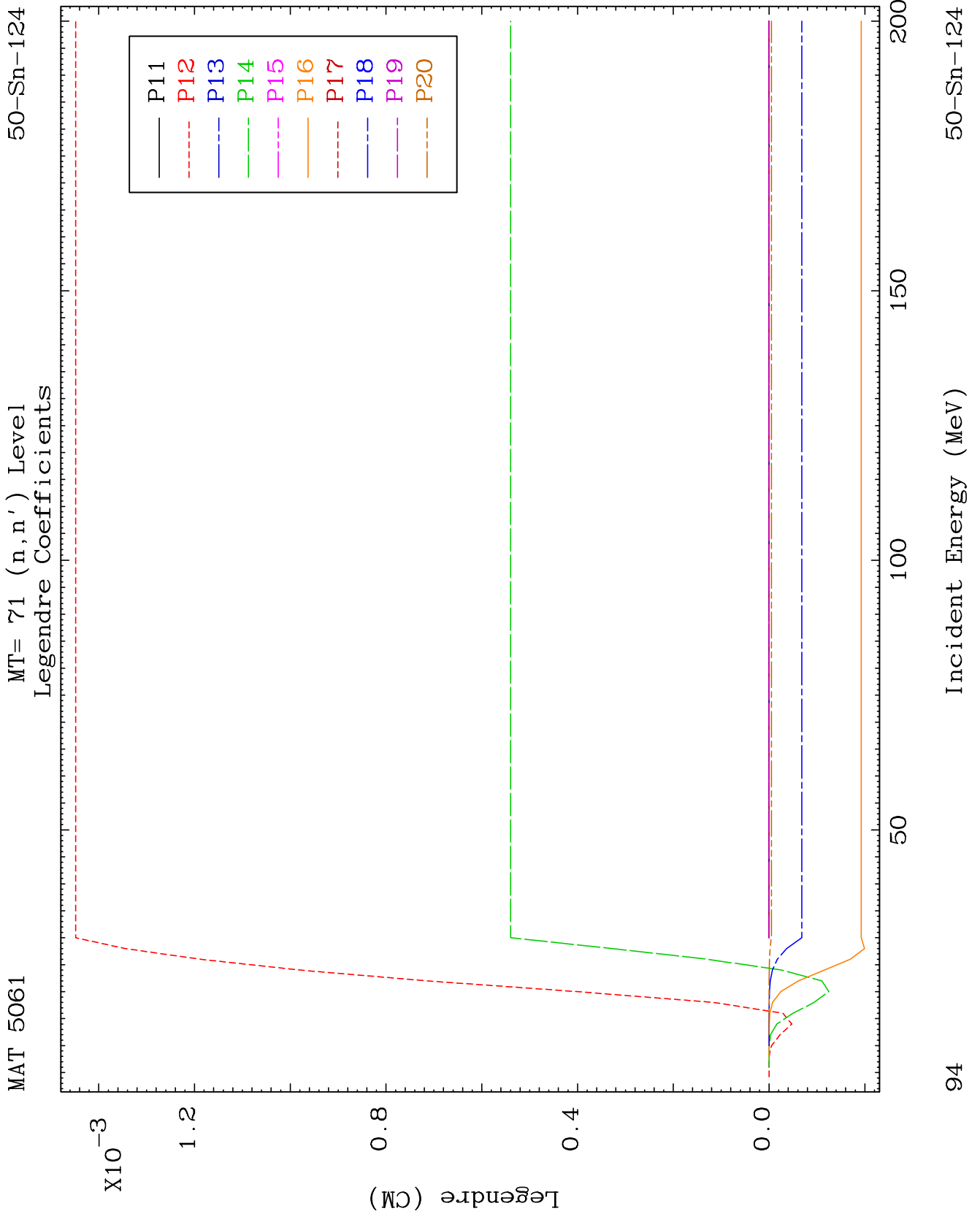


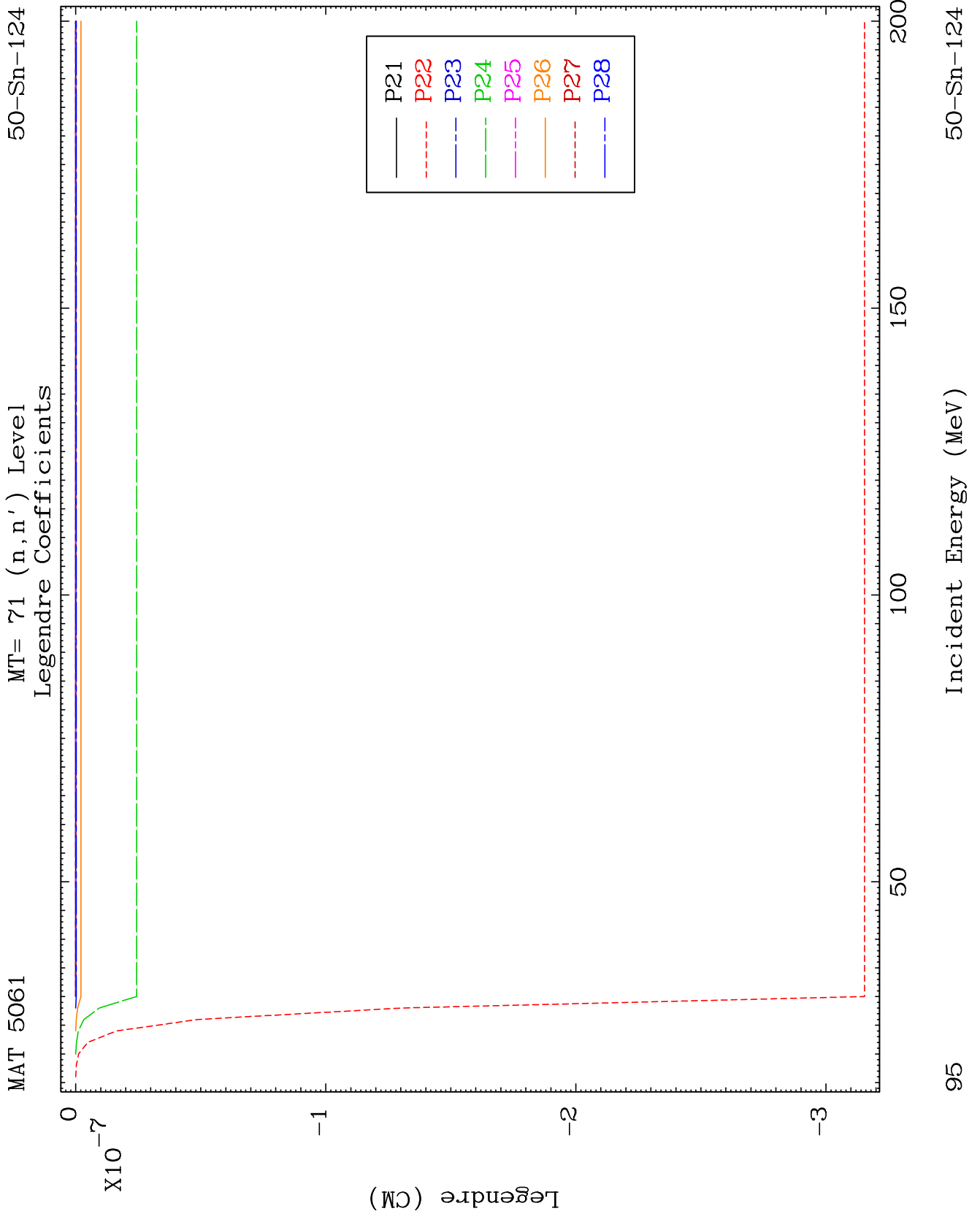


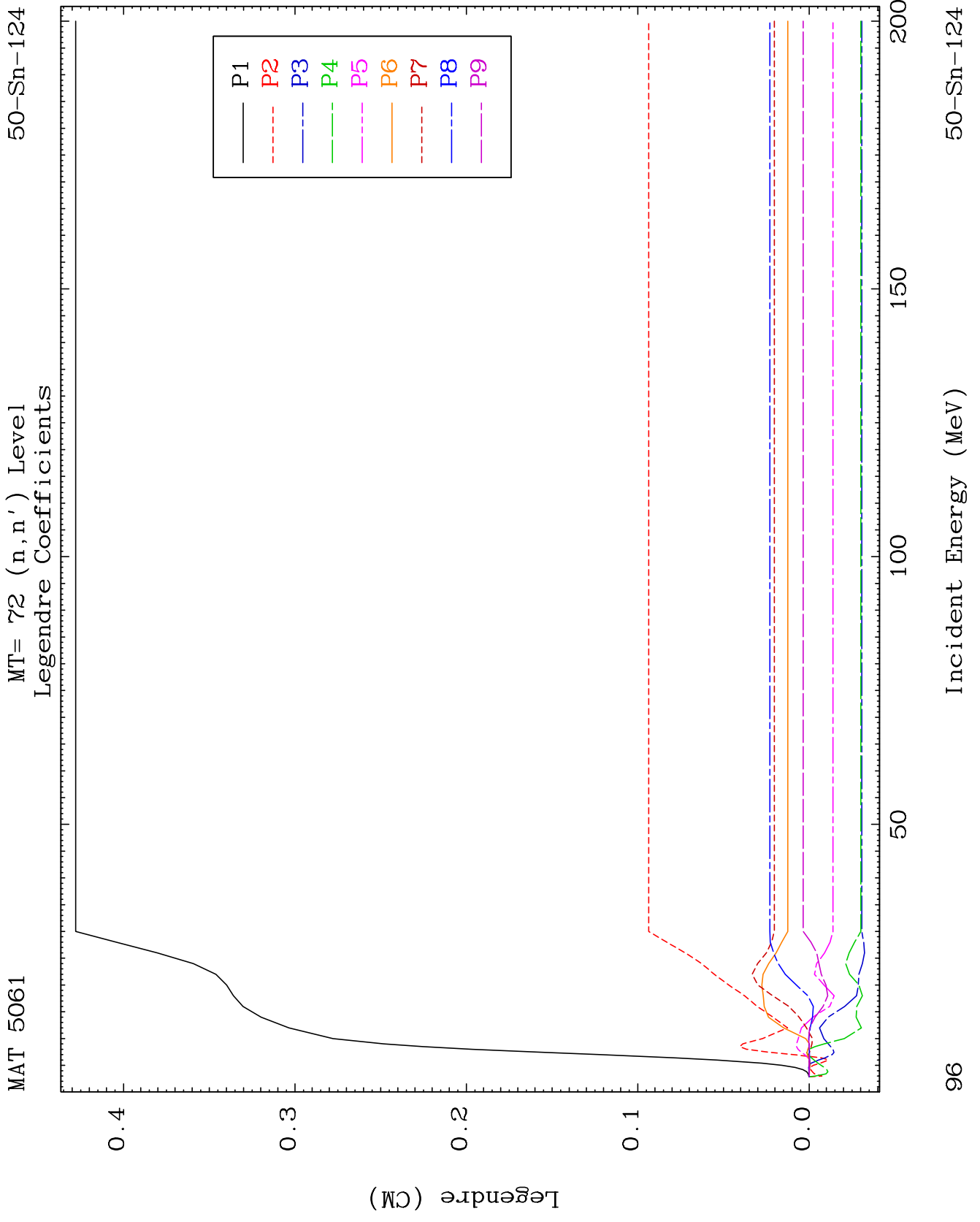








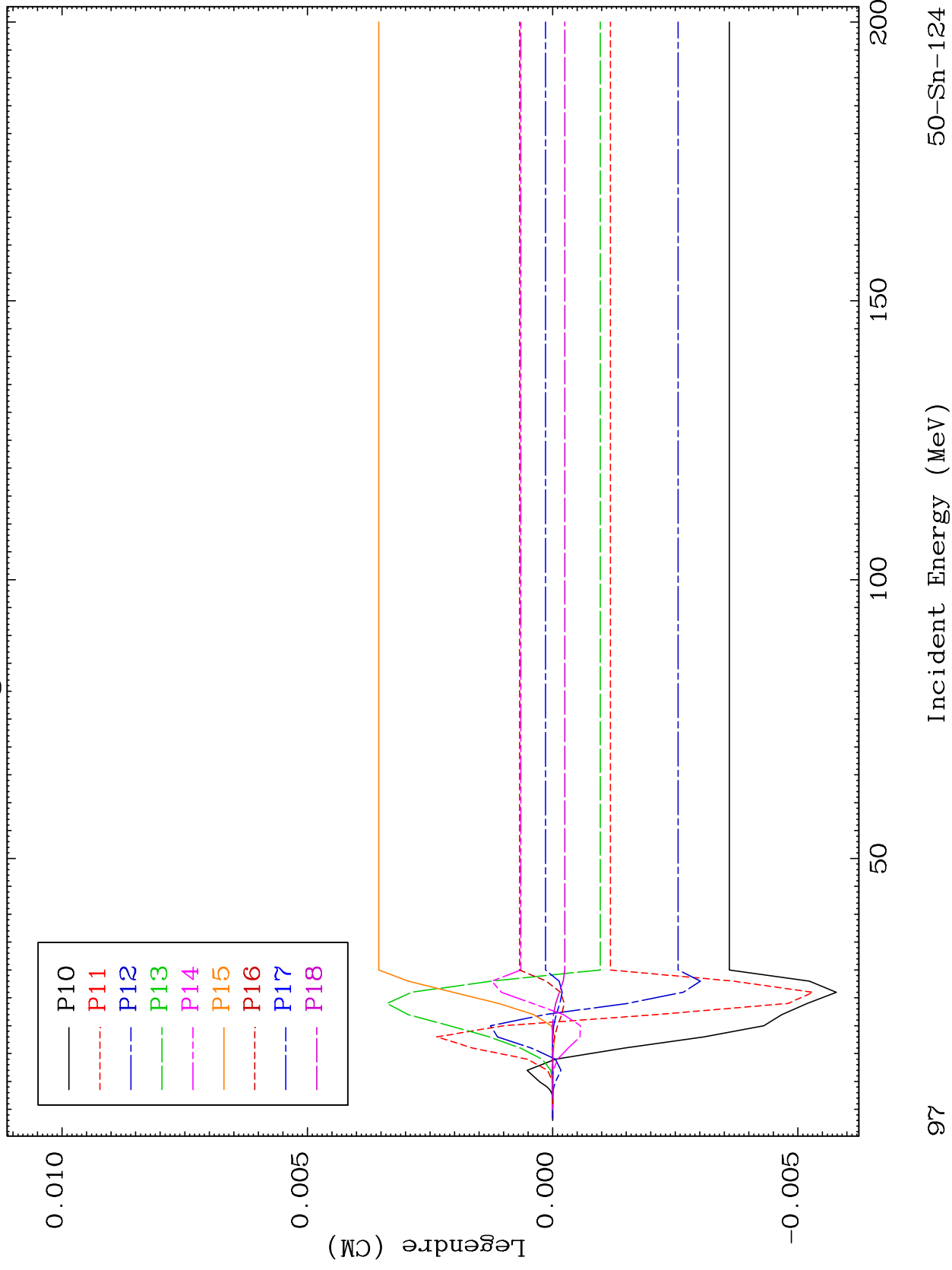




MAT 5061

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

50-Sn-124



97

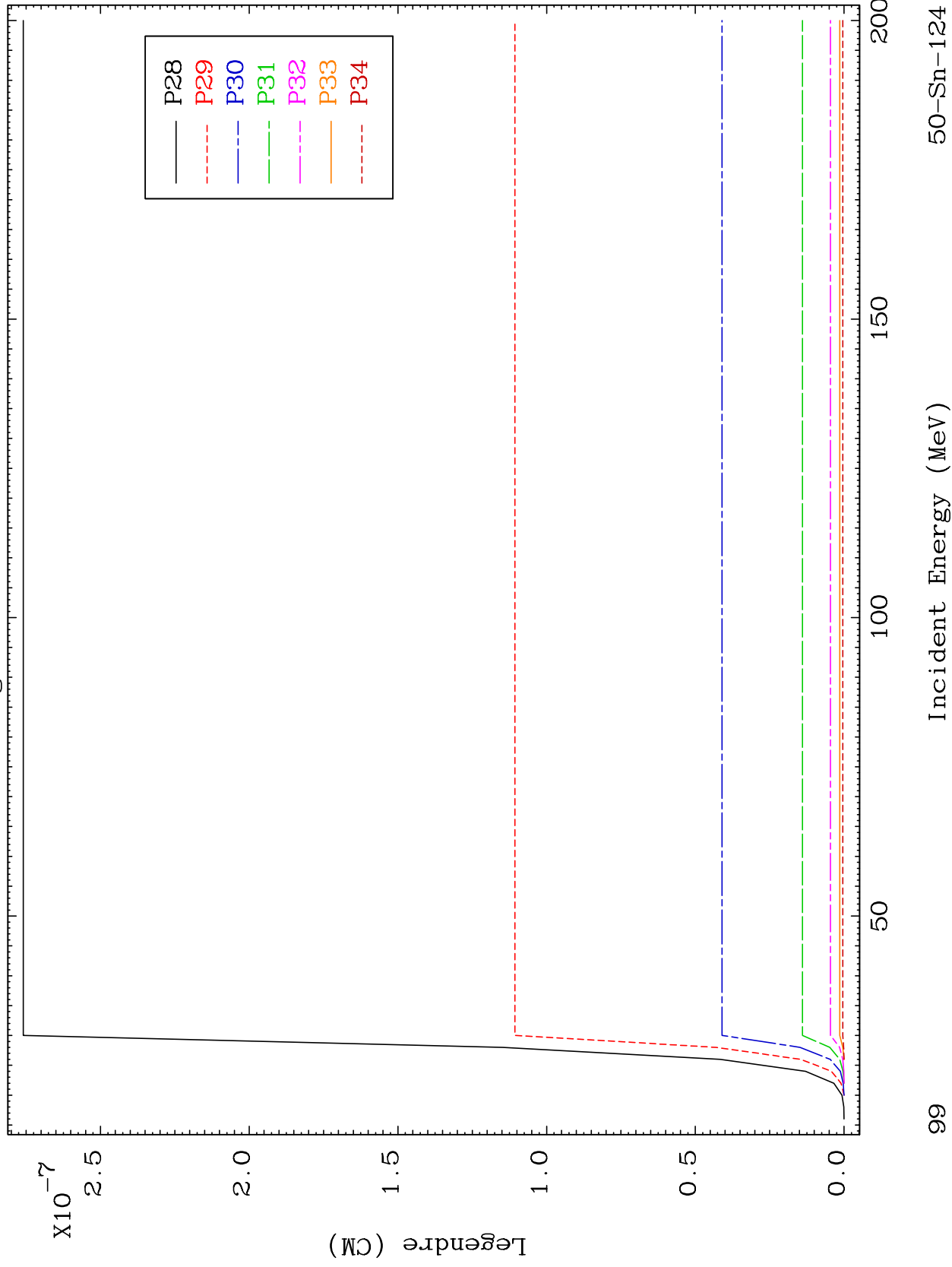
Incident Energy (MeV)

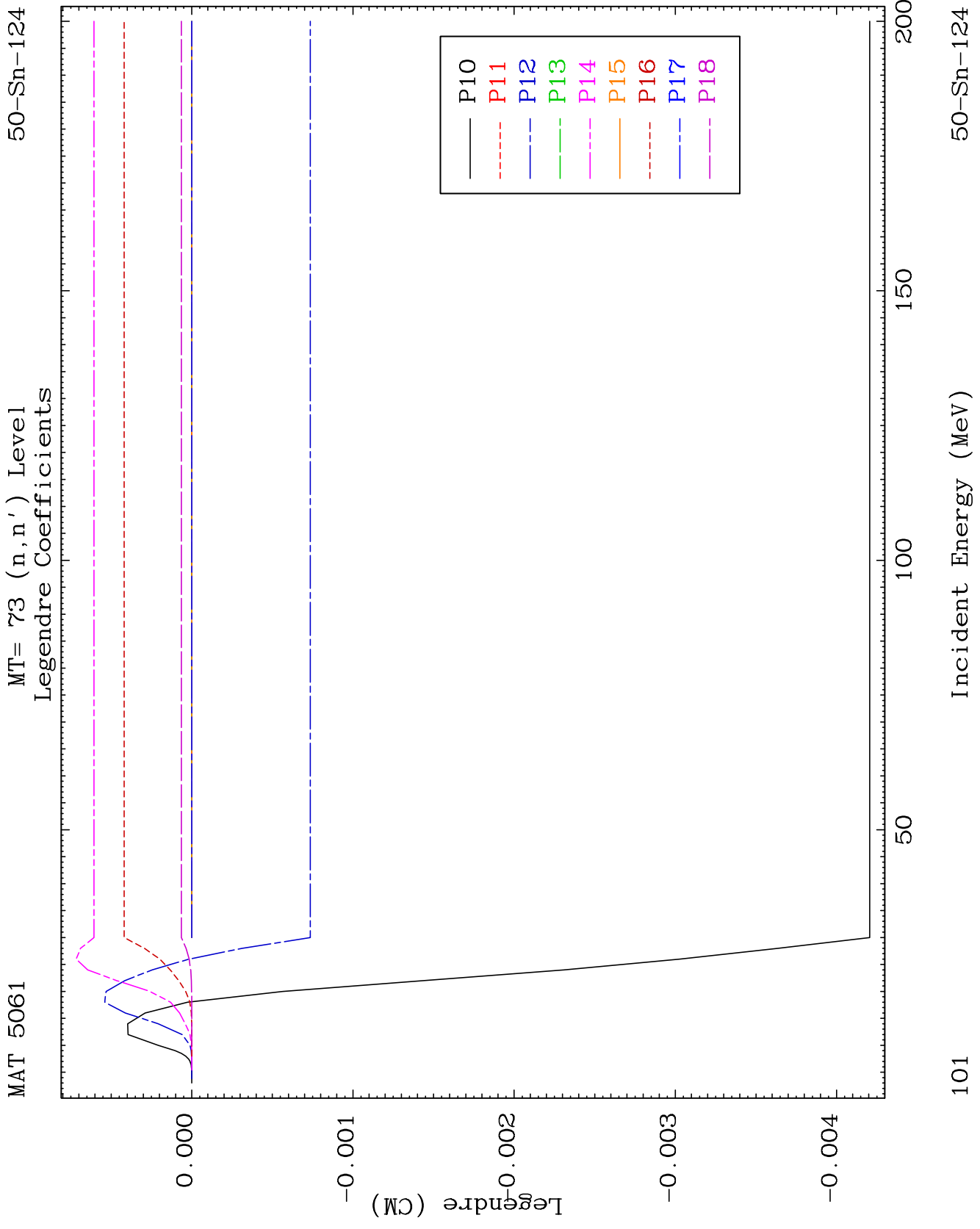
50-Sn-124

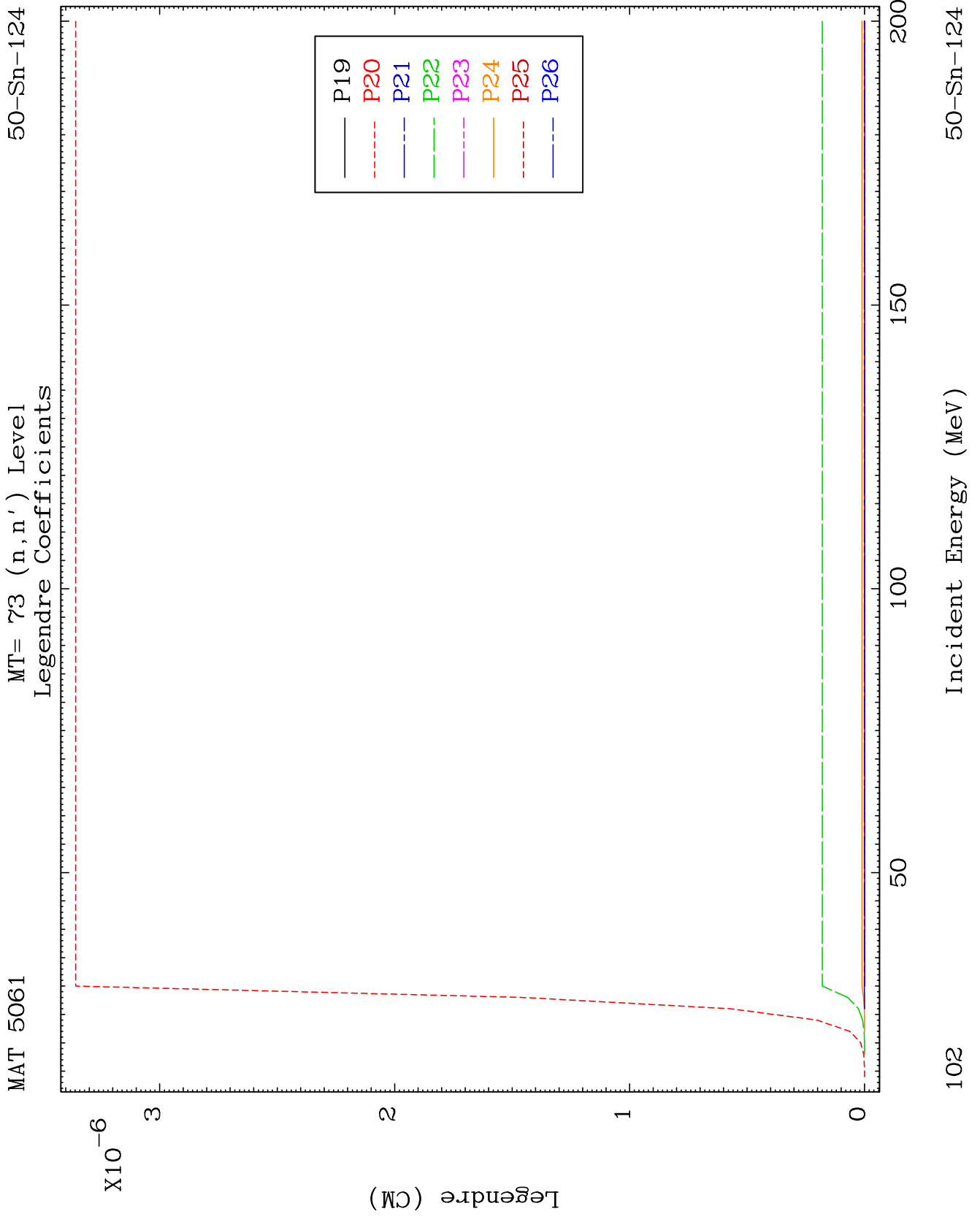
MAT 5061

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

50-Sn-124



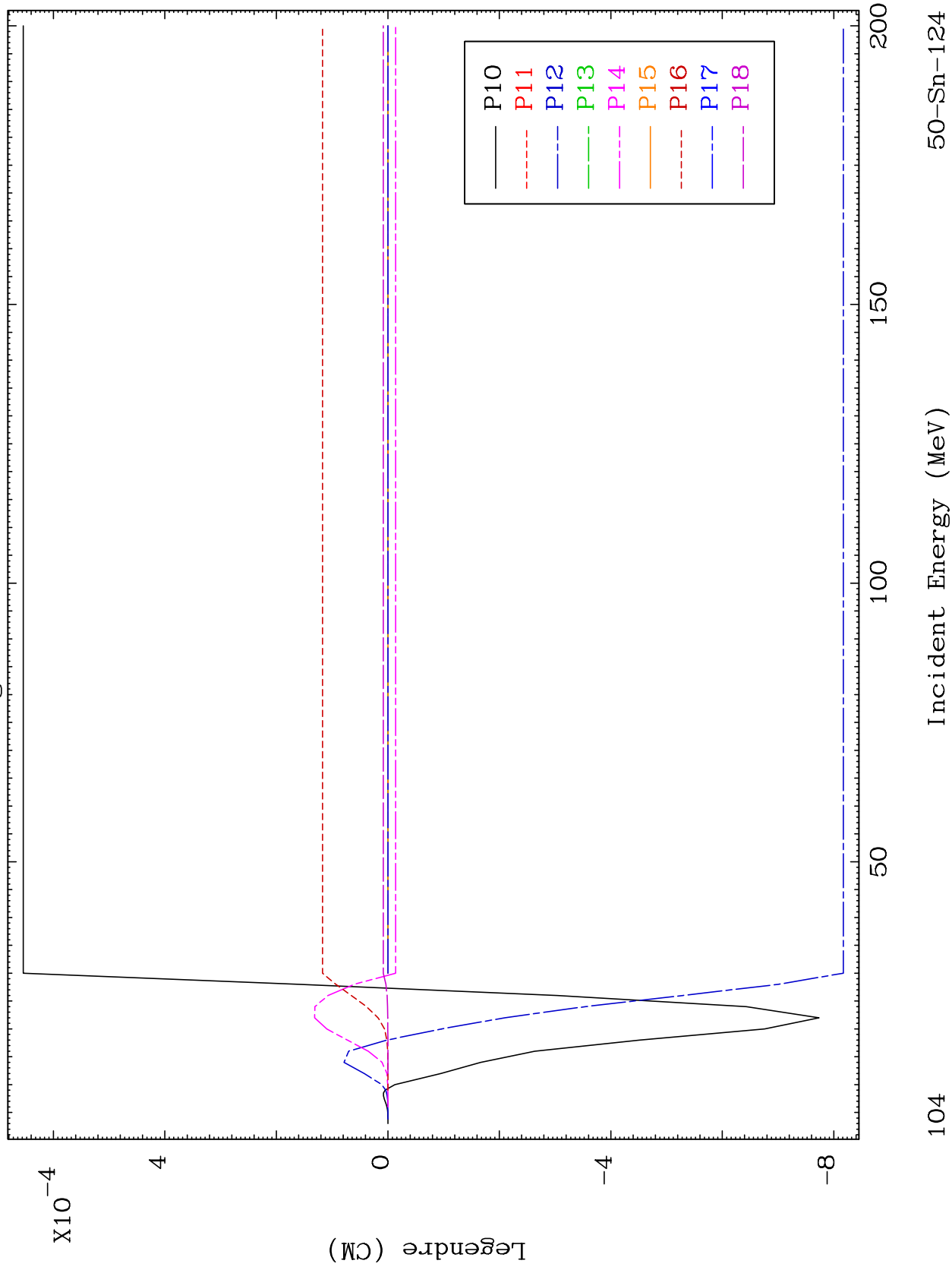




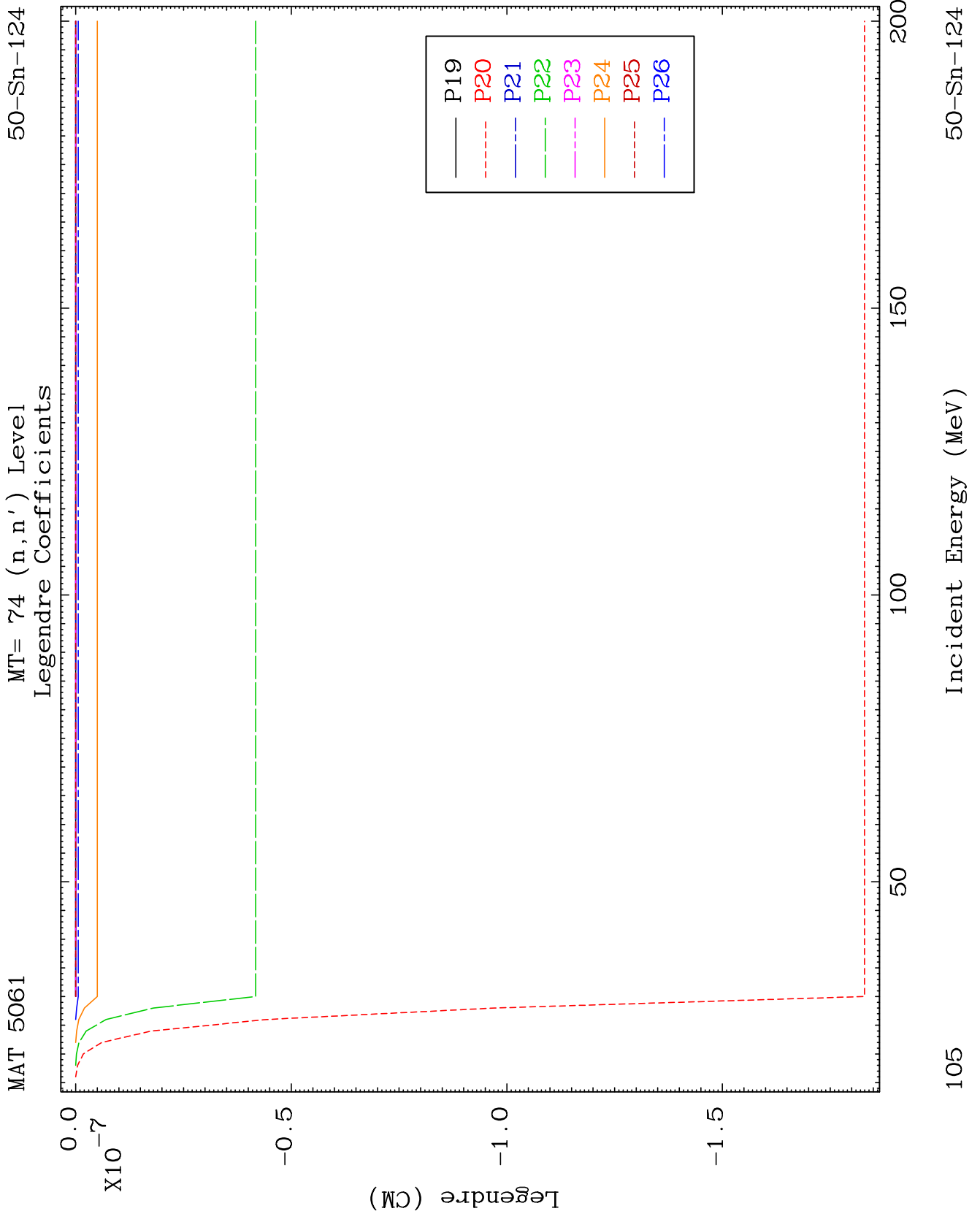
MAT 5061

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

50-Sn-124



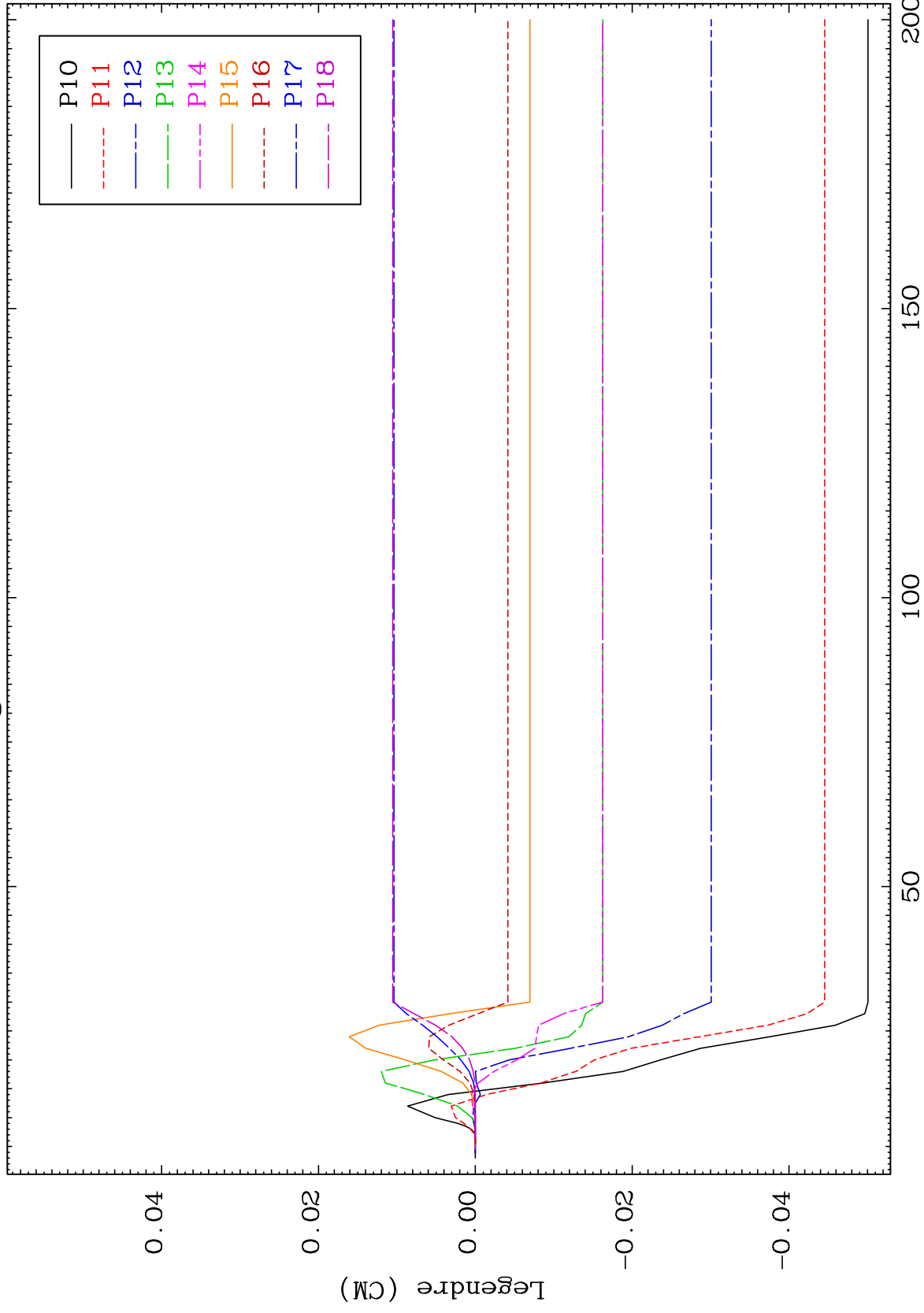
104



MAT 5061

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

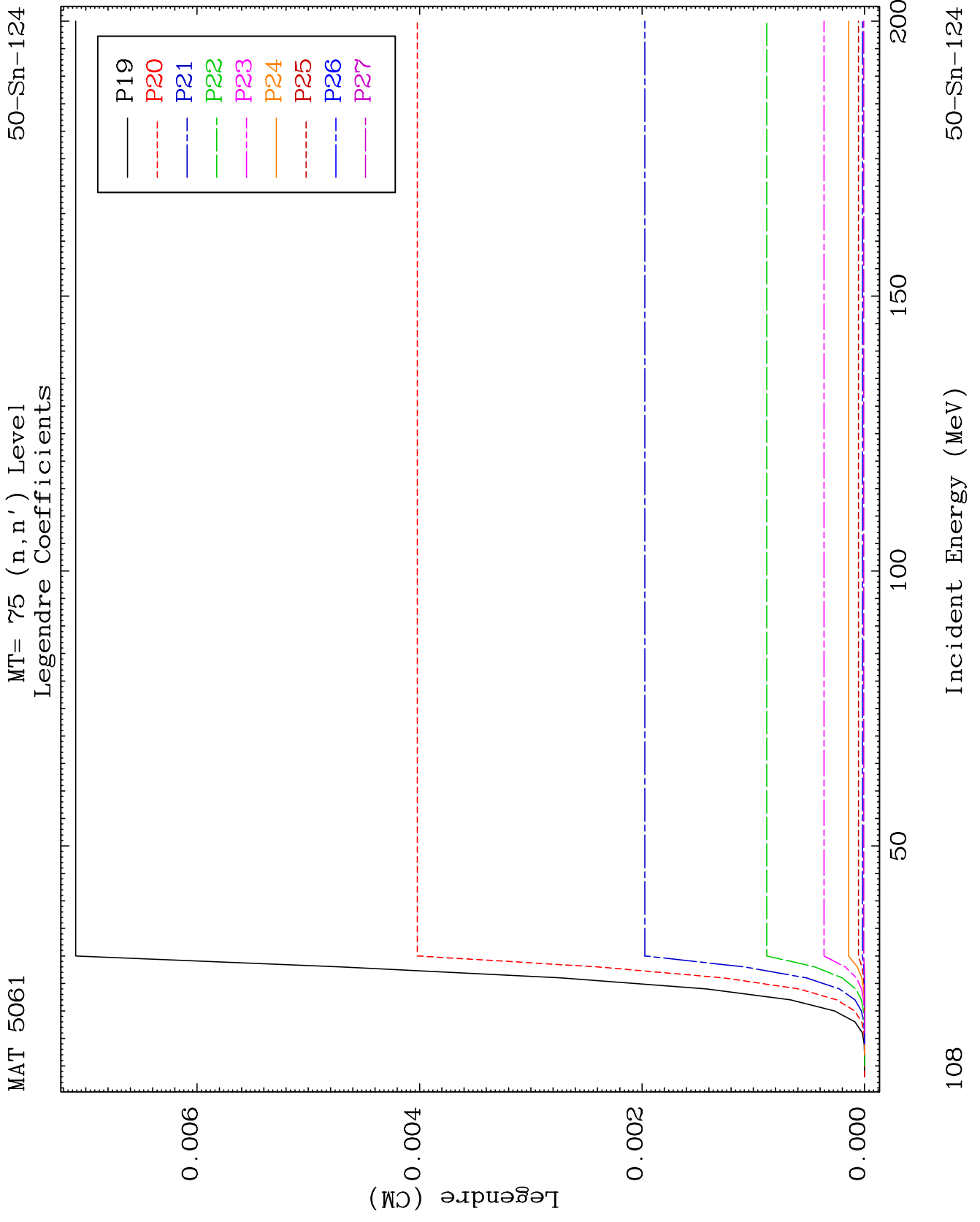
50-Sn-124

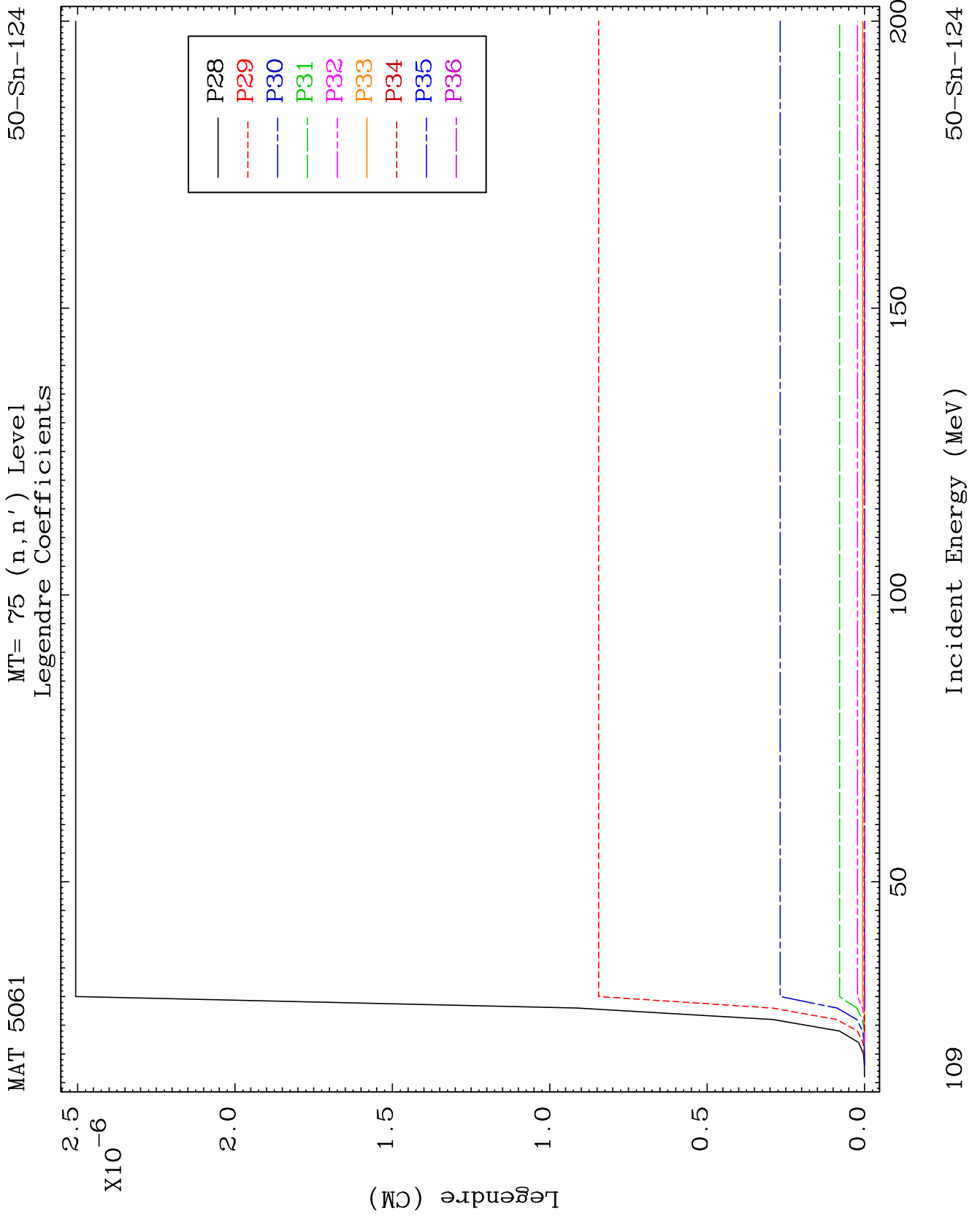


107

Incident Energy (MeV)

50-Sn-124

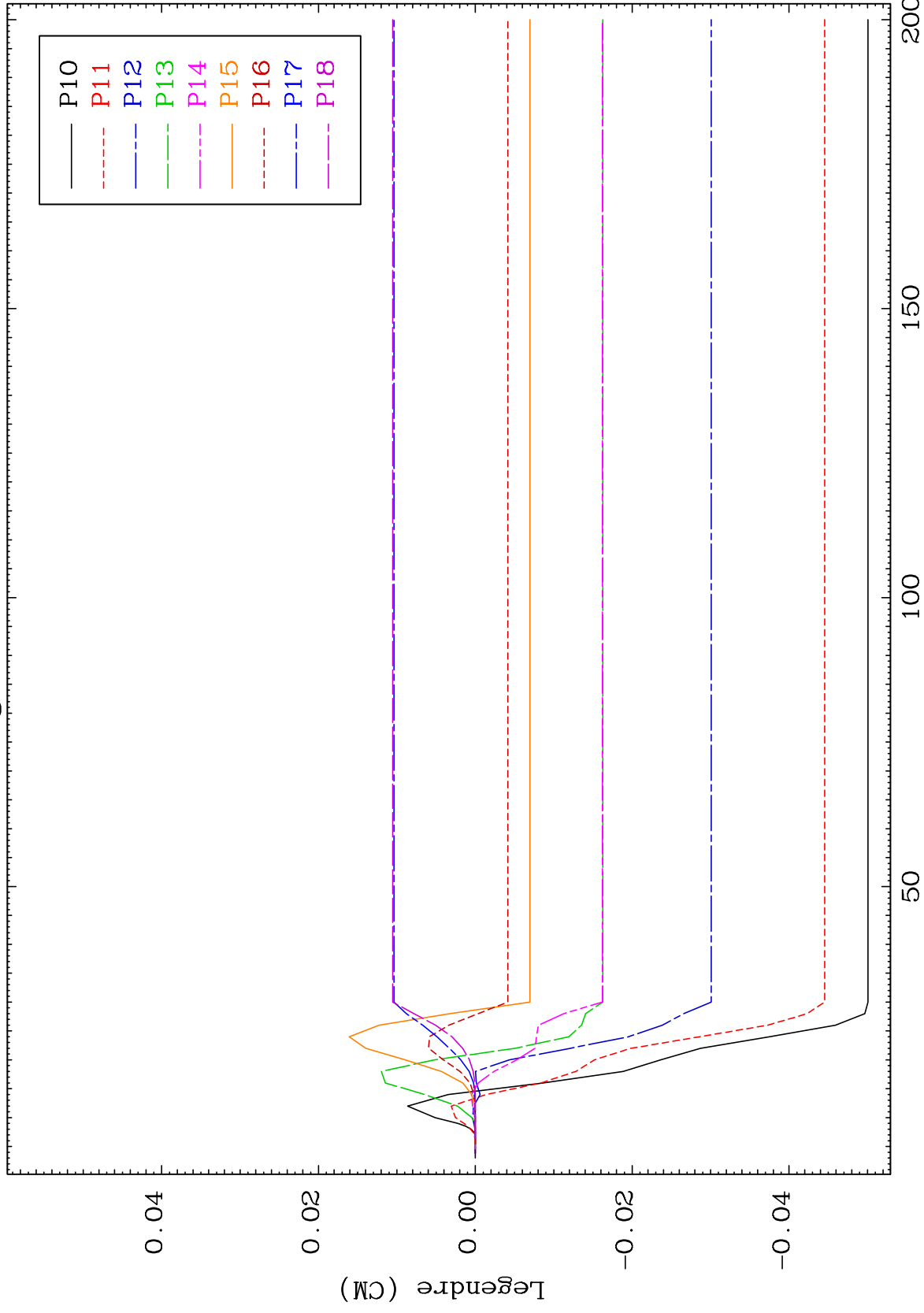




MAT 5061

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

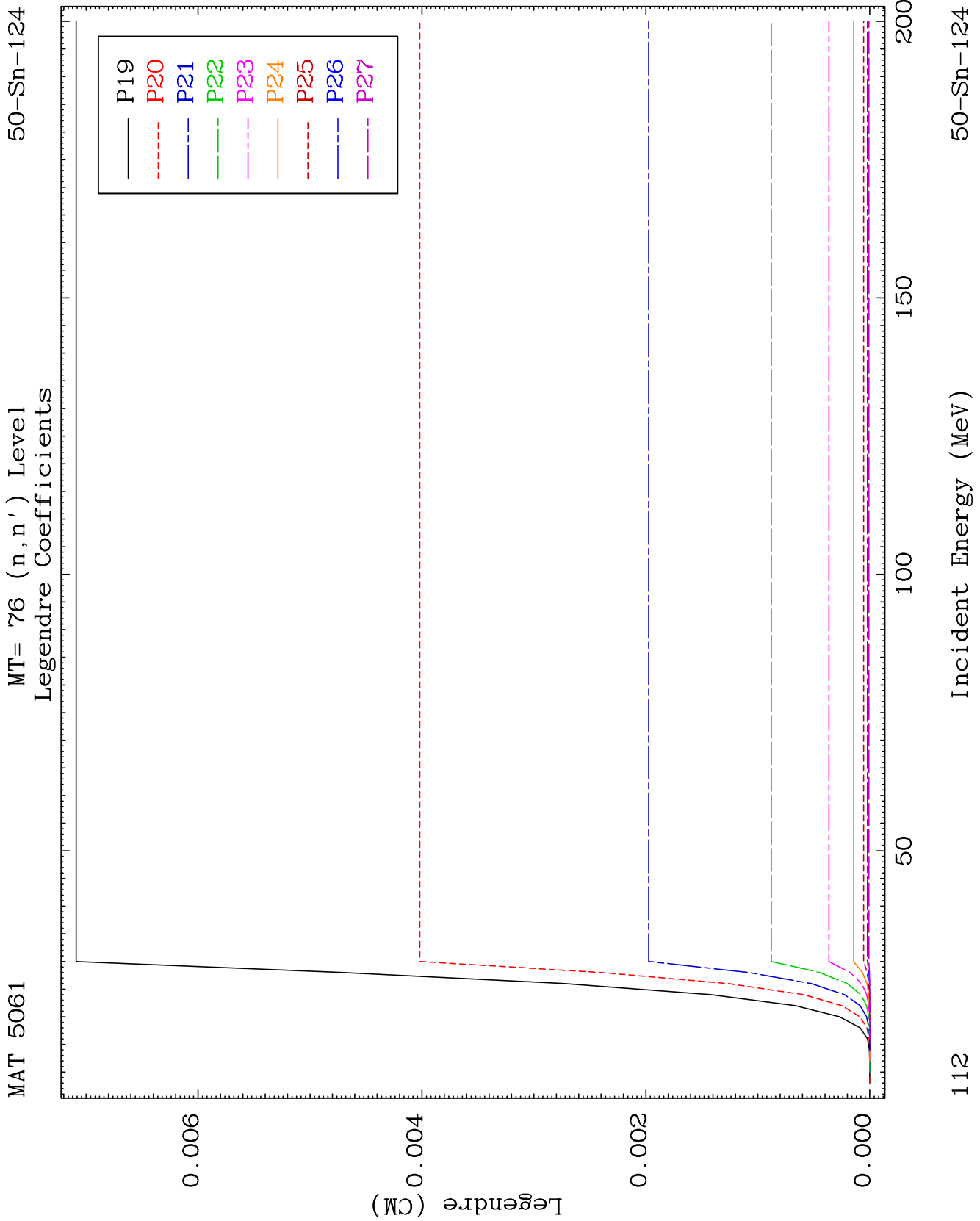
50-Sn-124

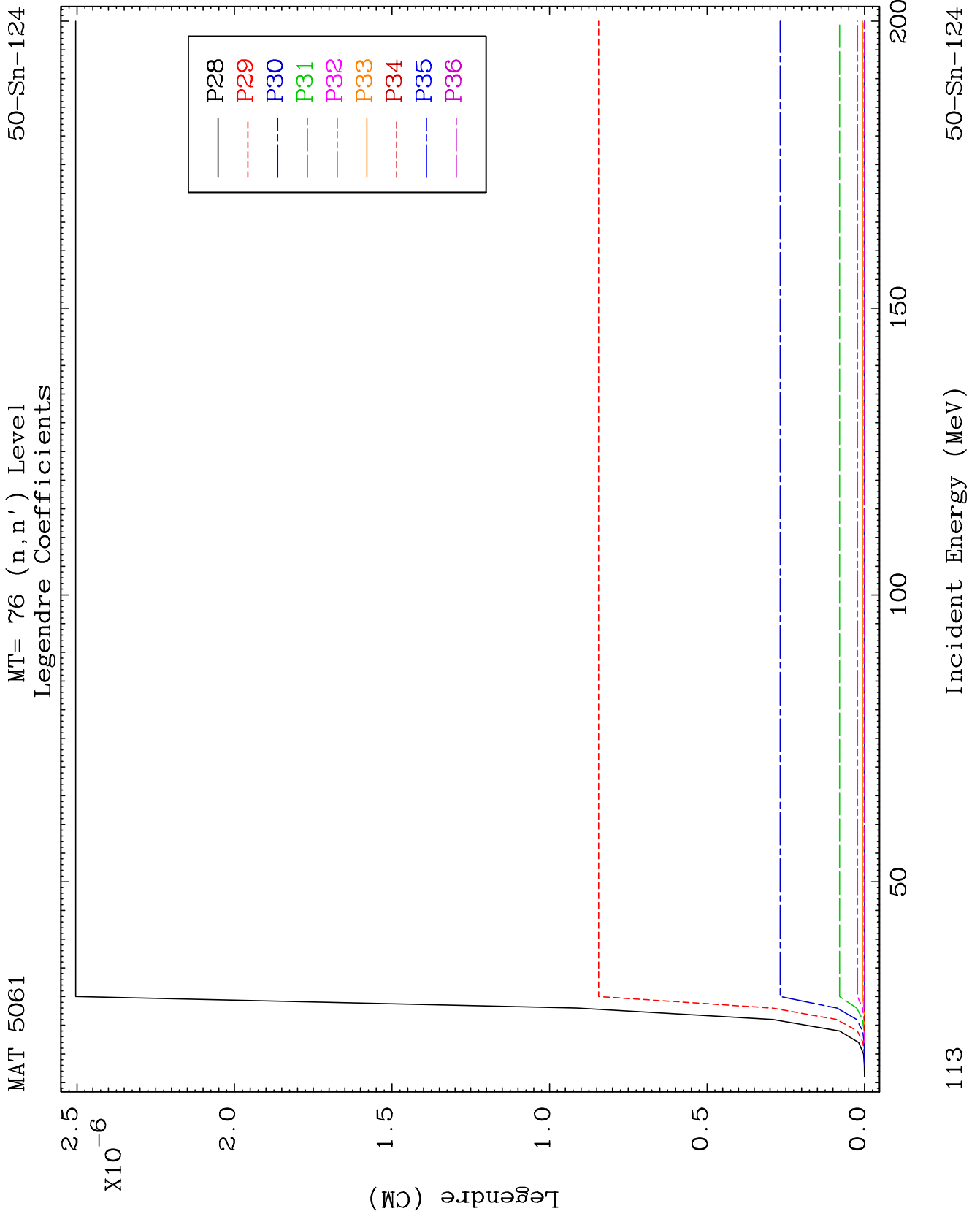


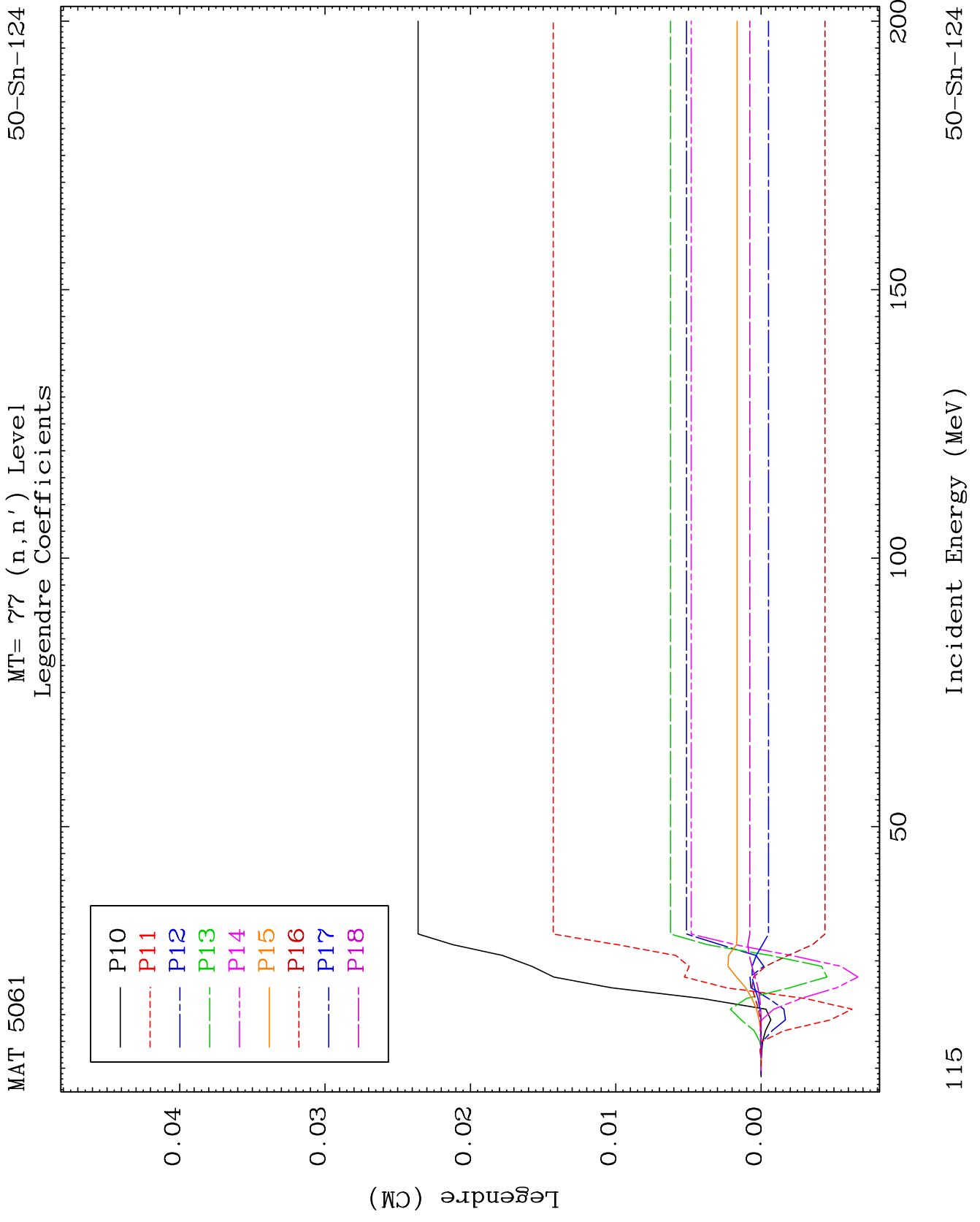
111

Incident Energy (MeV)

50-Sn-124



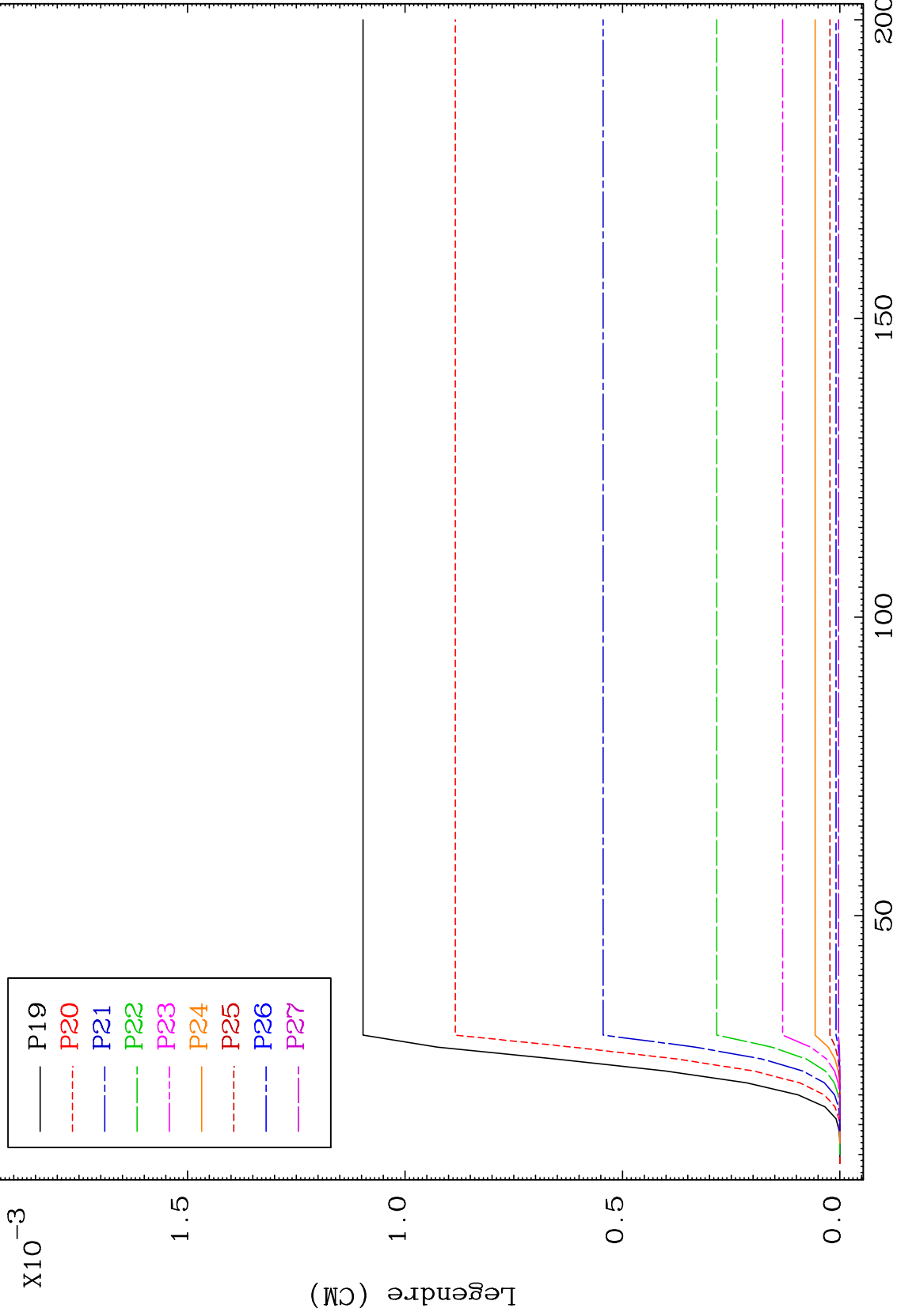
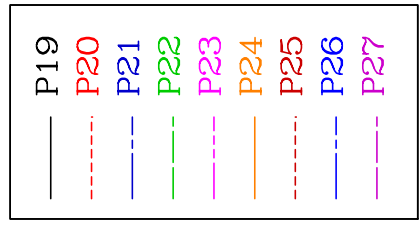




MAT 5061

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

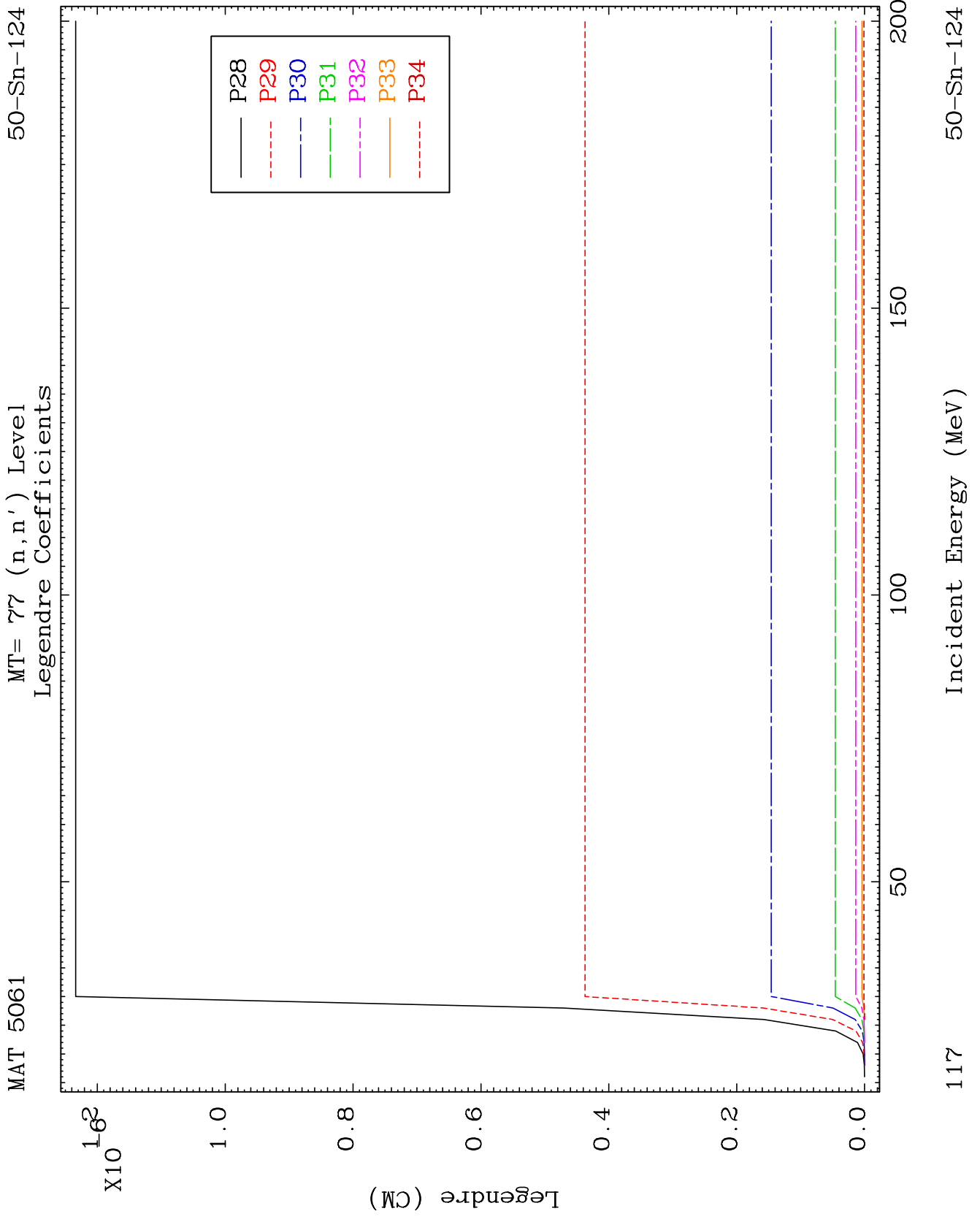
50-Sn-124

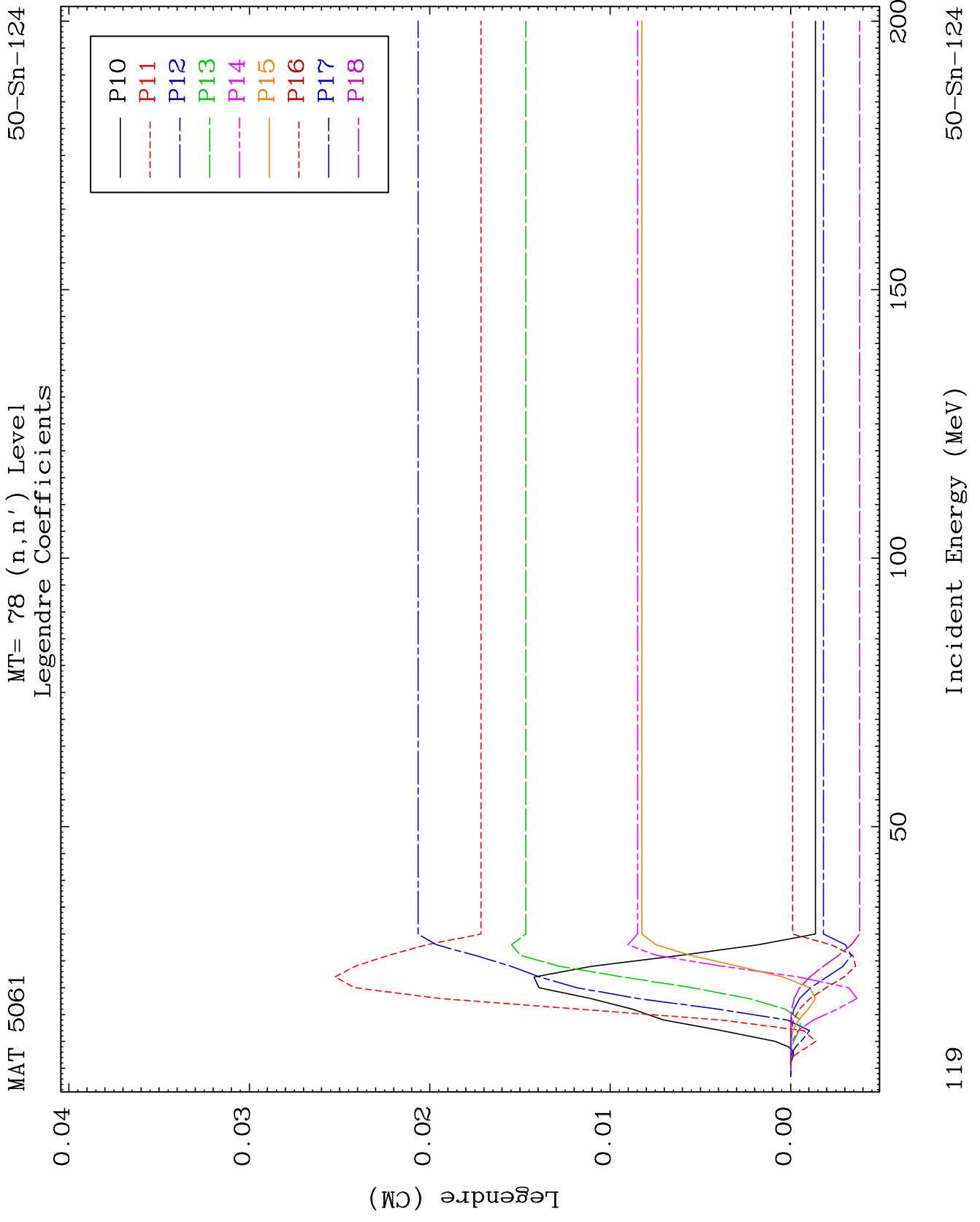


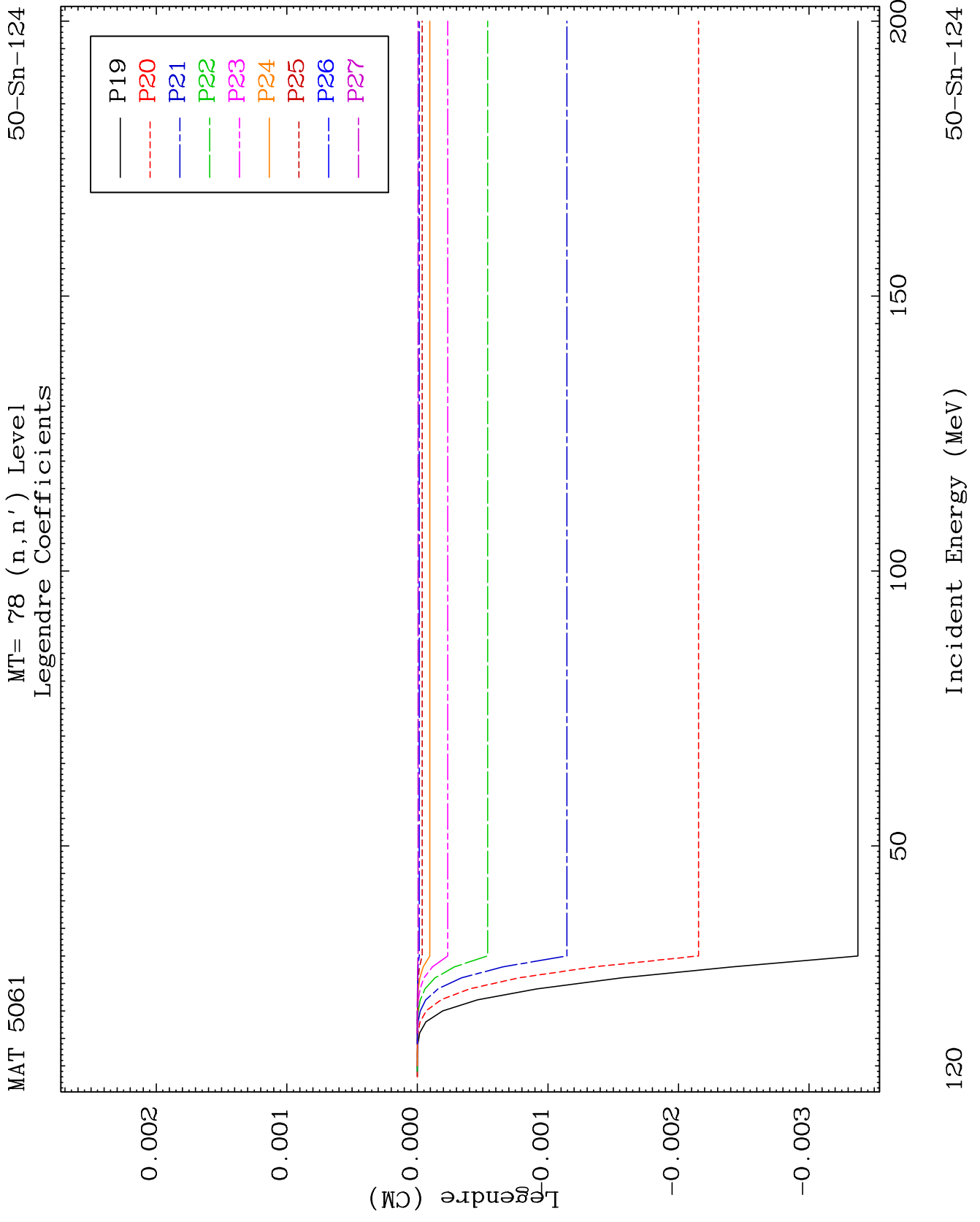
116

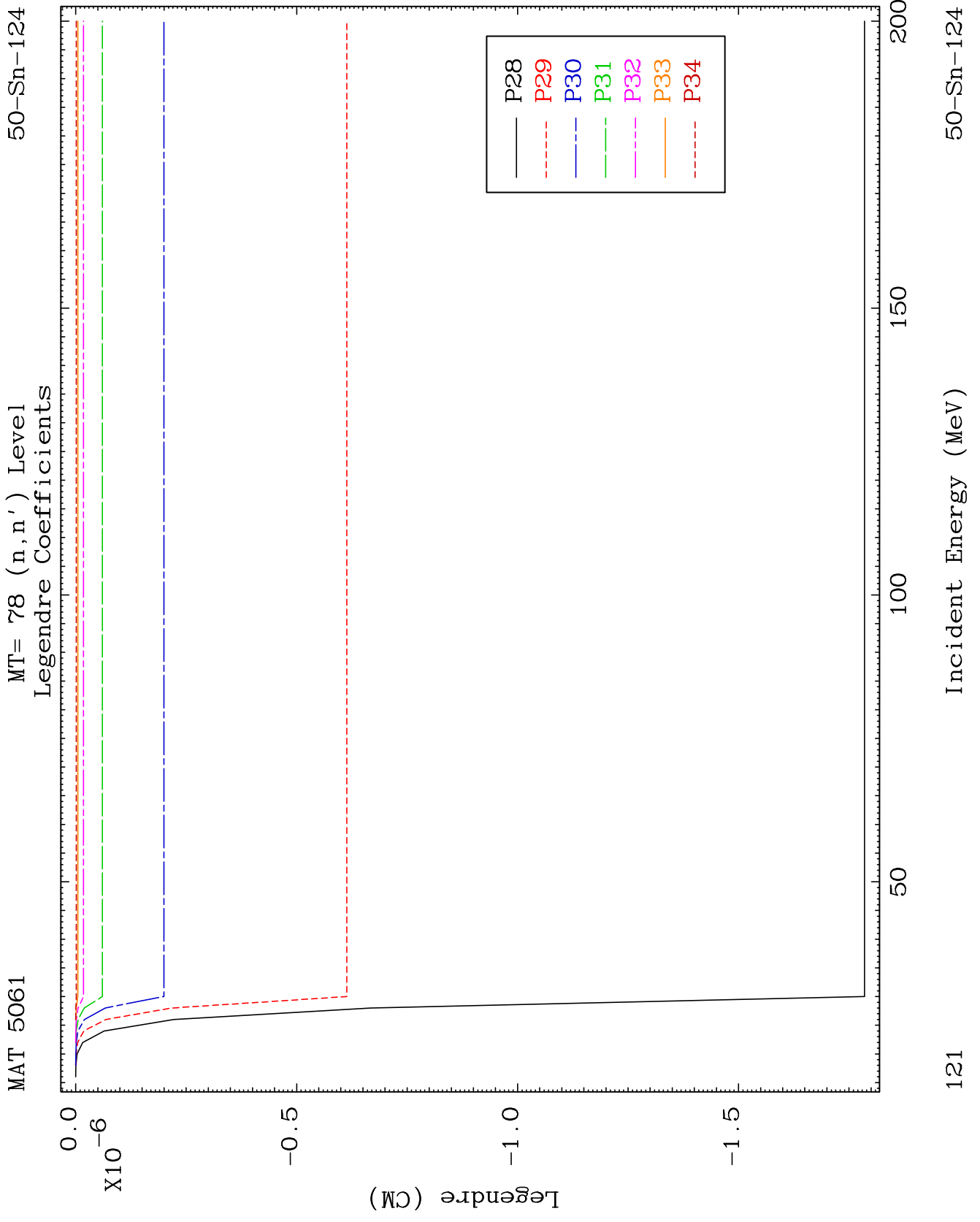
Incident Energy (MeV)

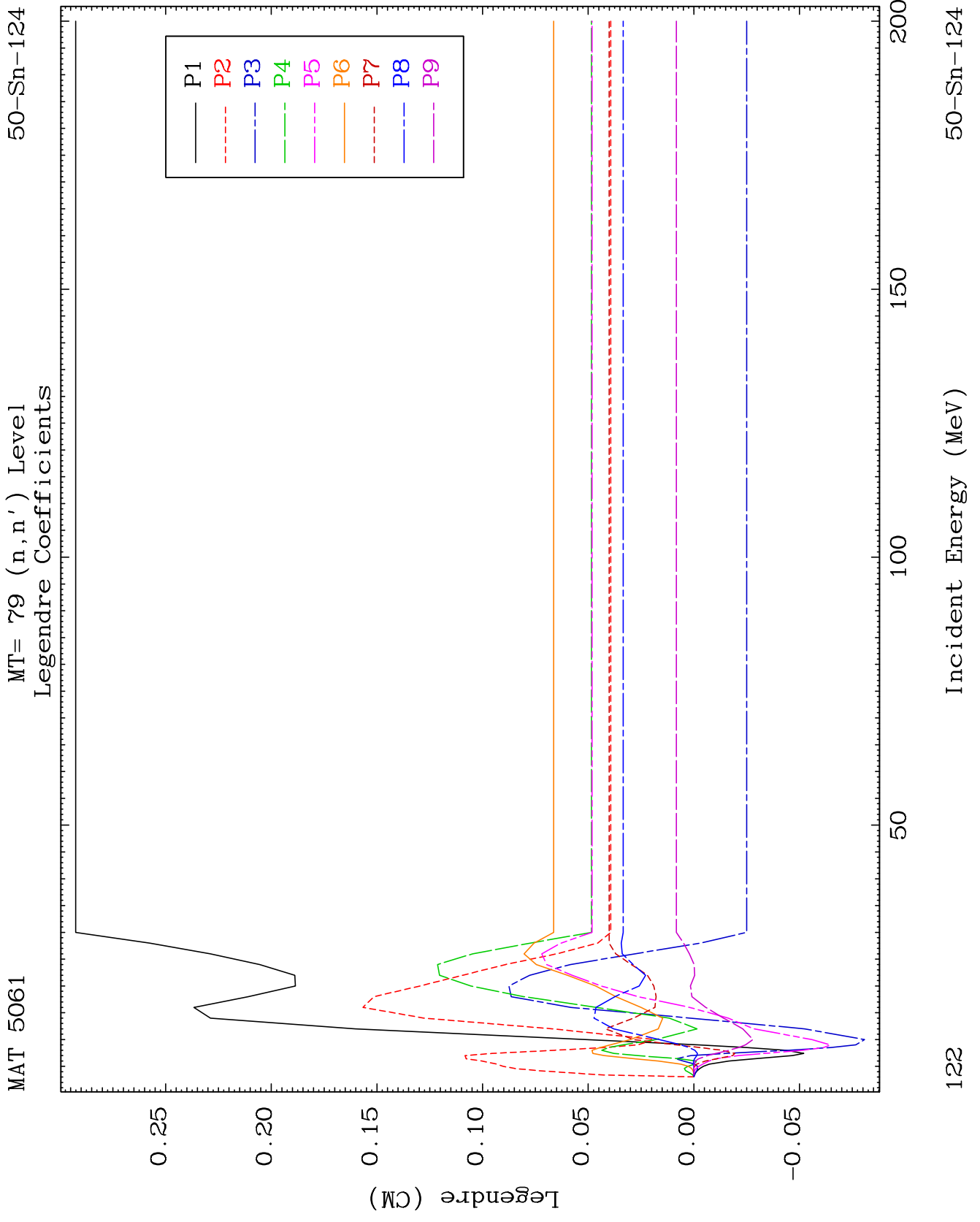
50-Sn-124

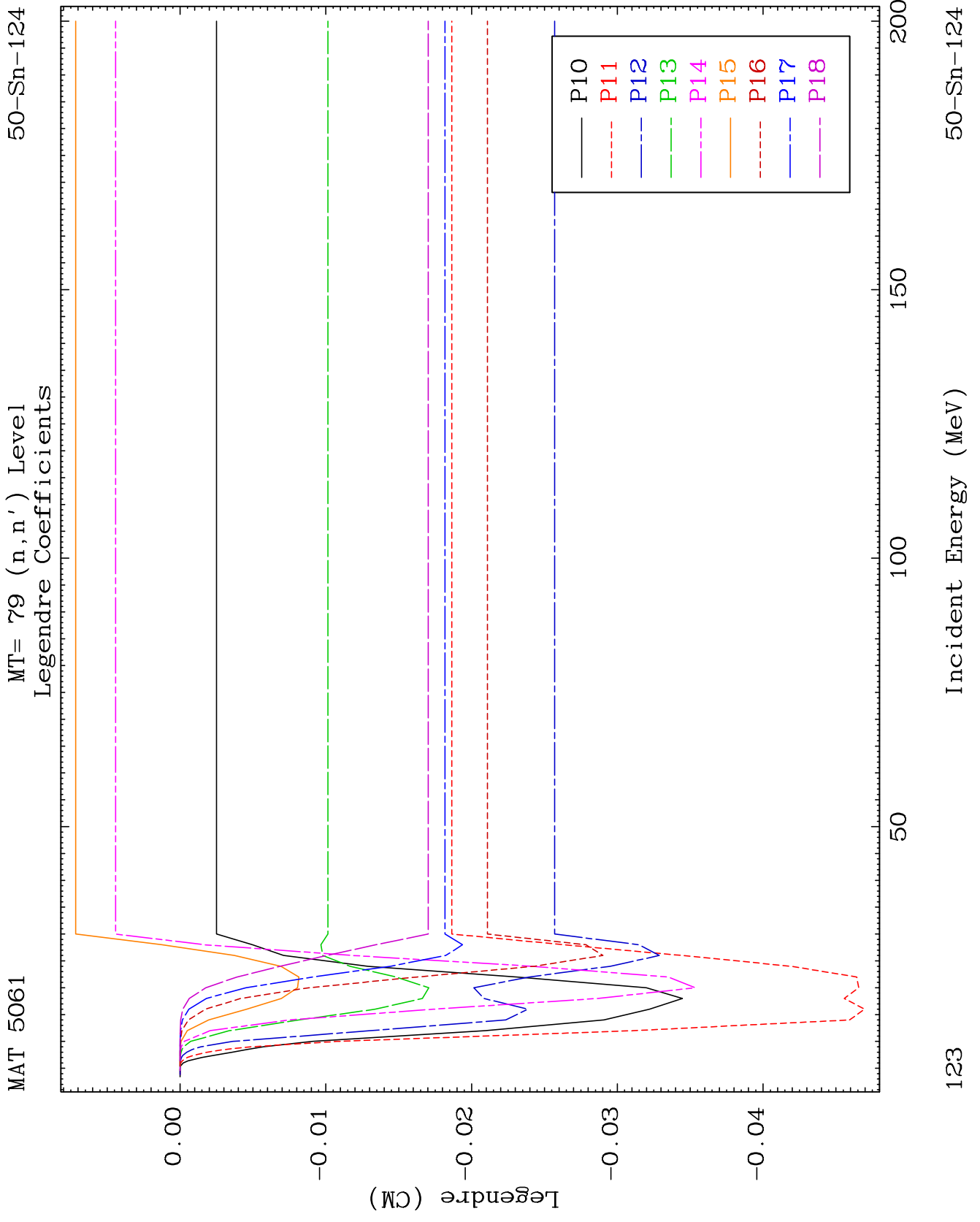


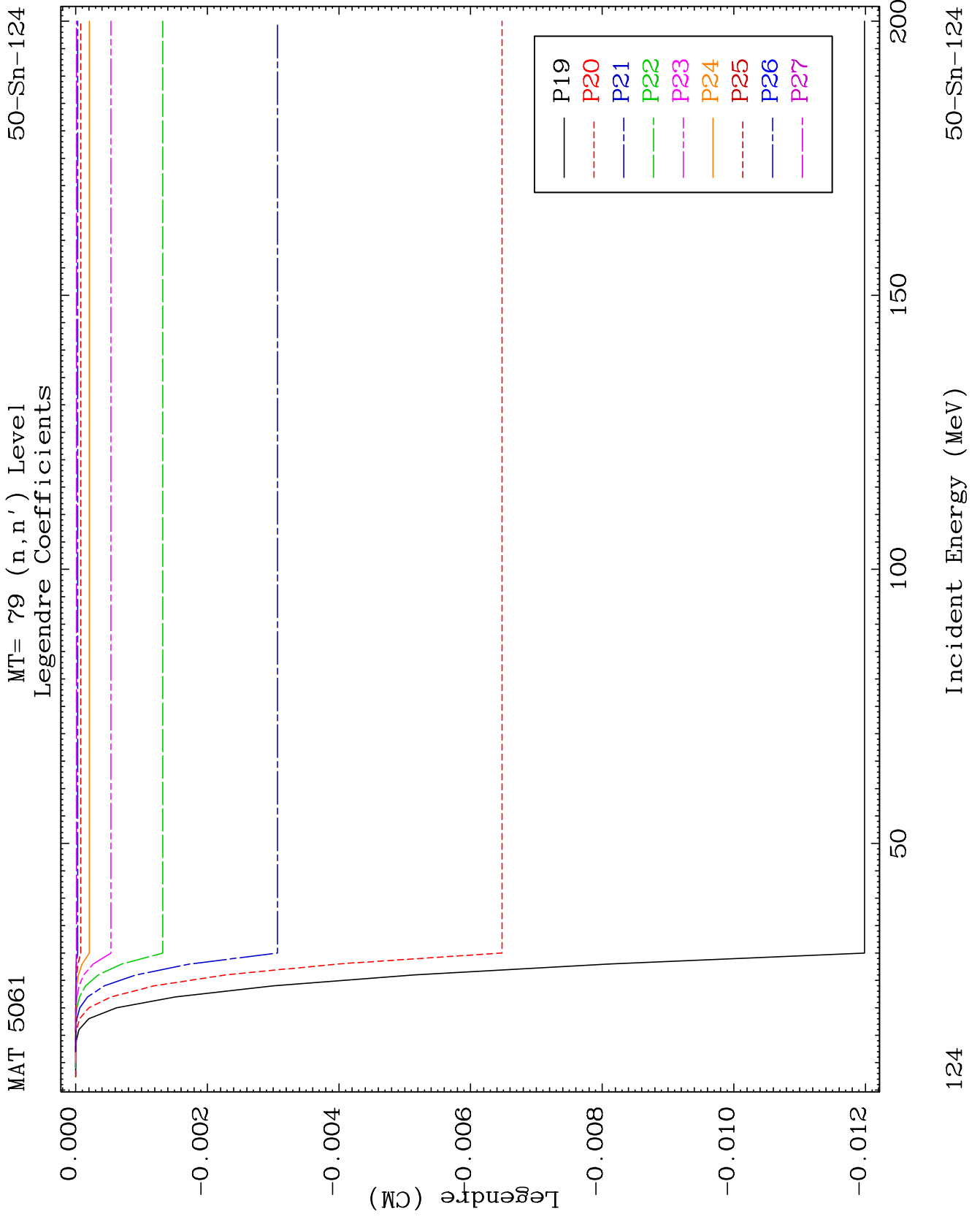


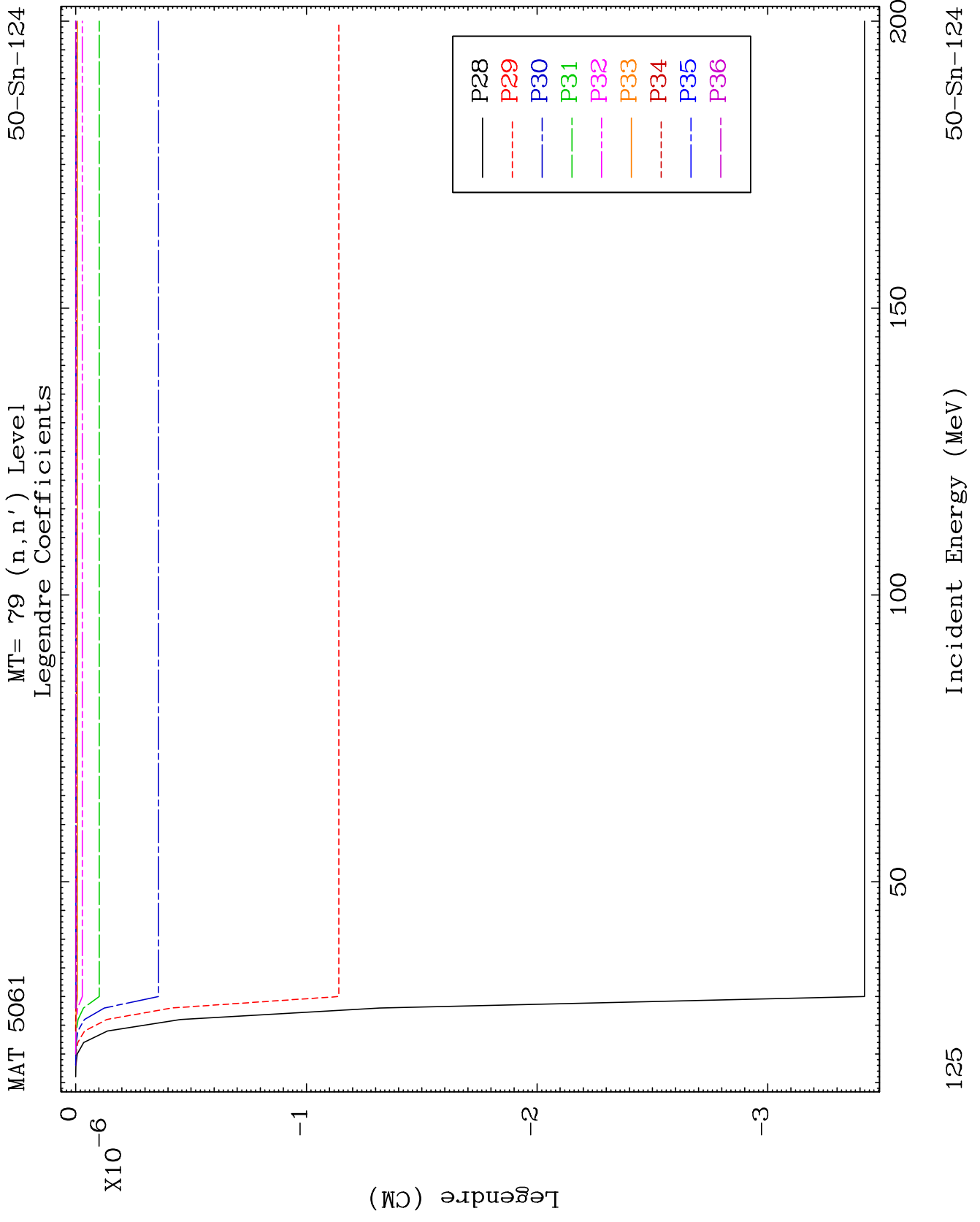


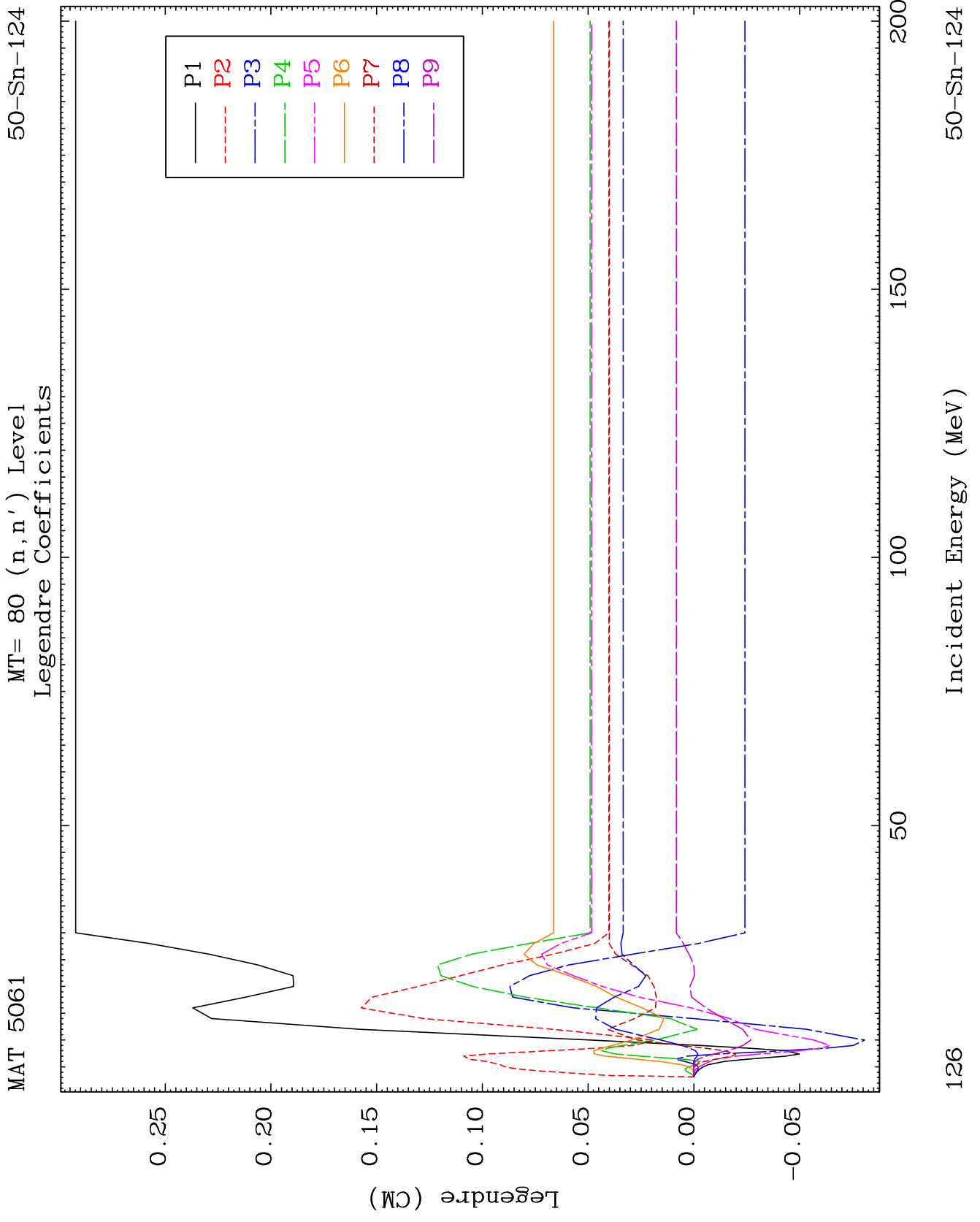


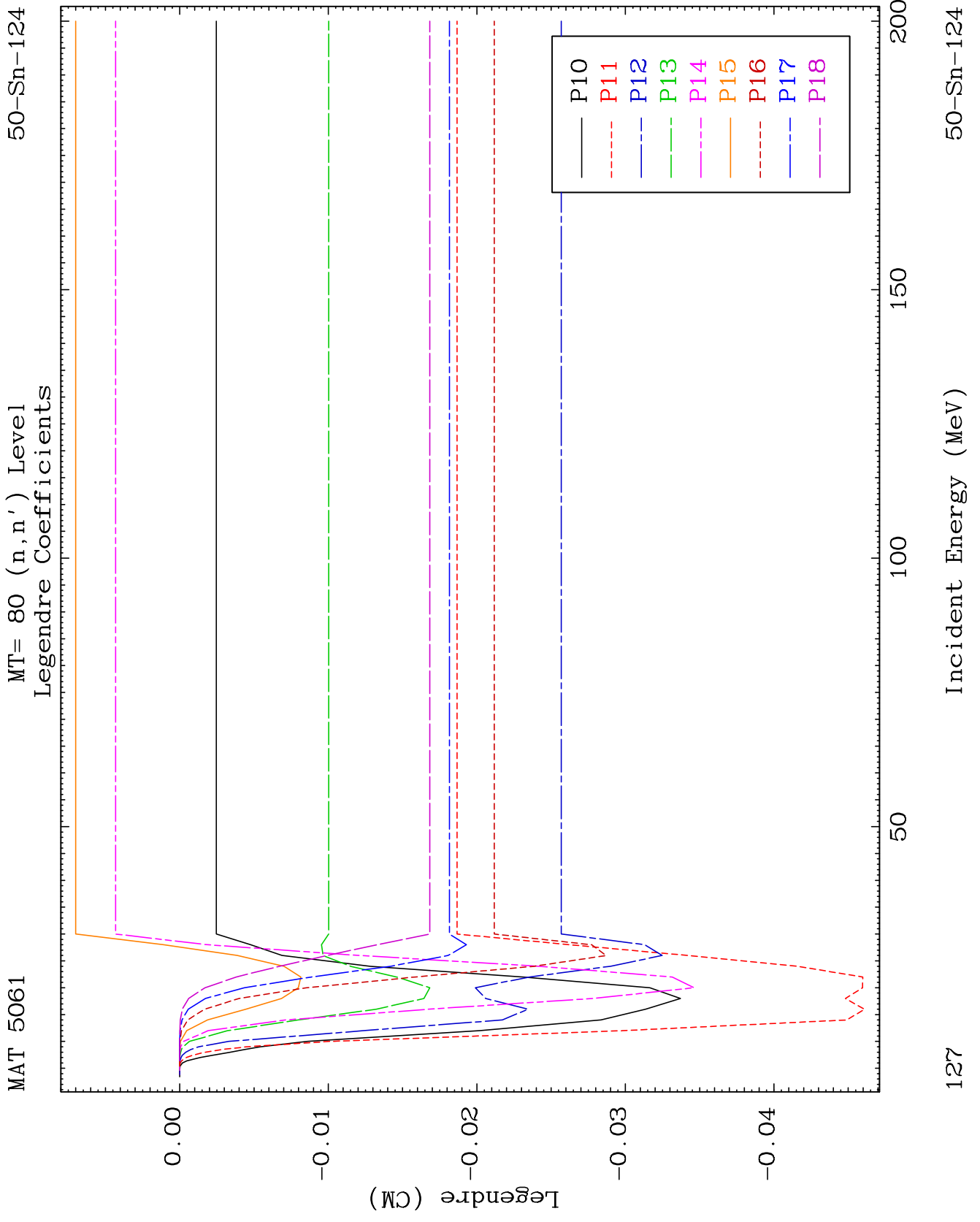


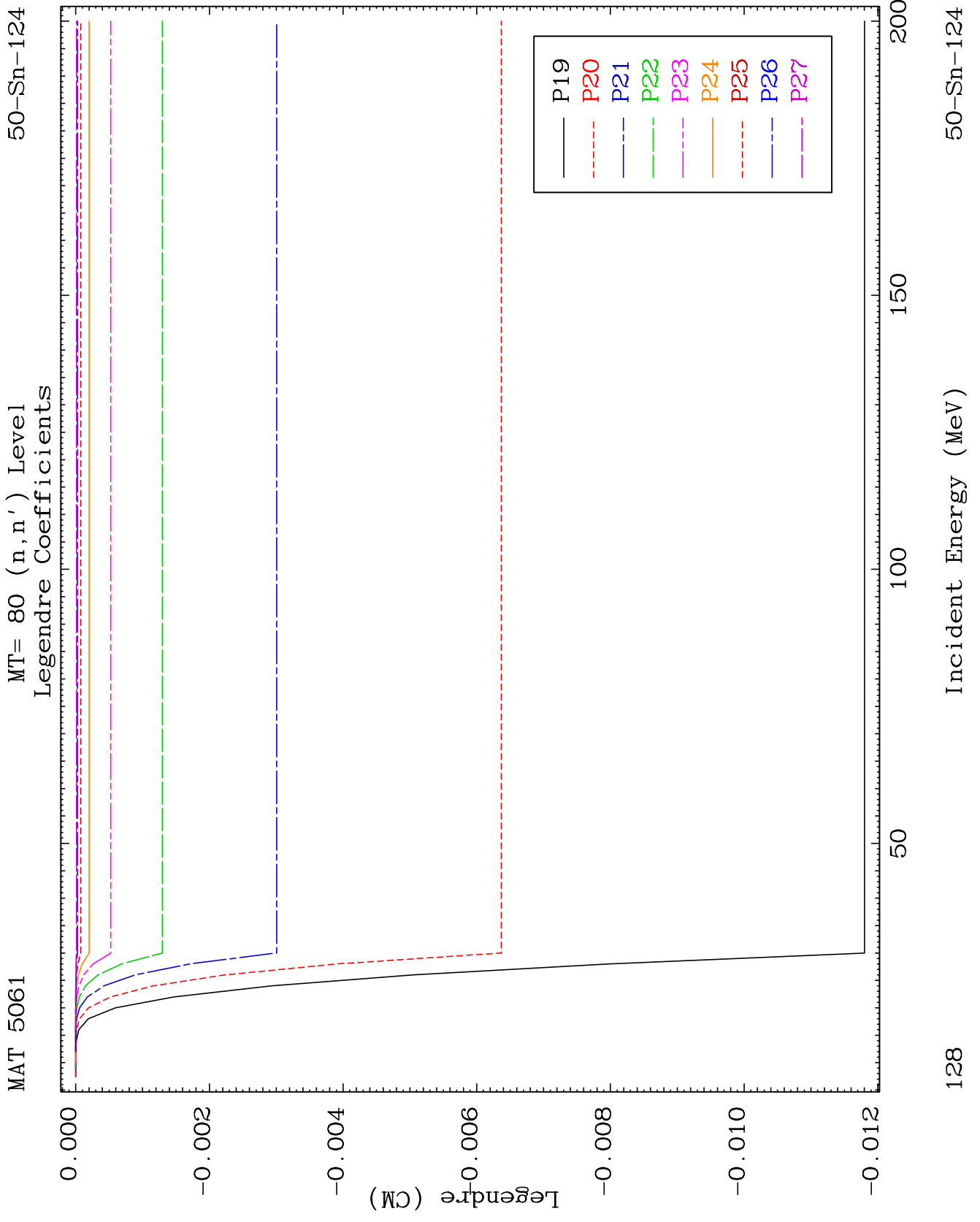


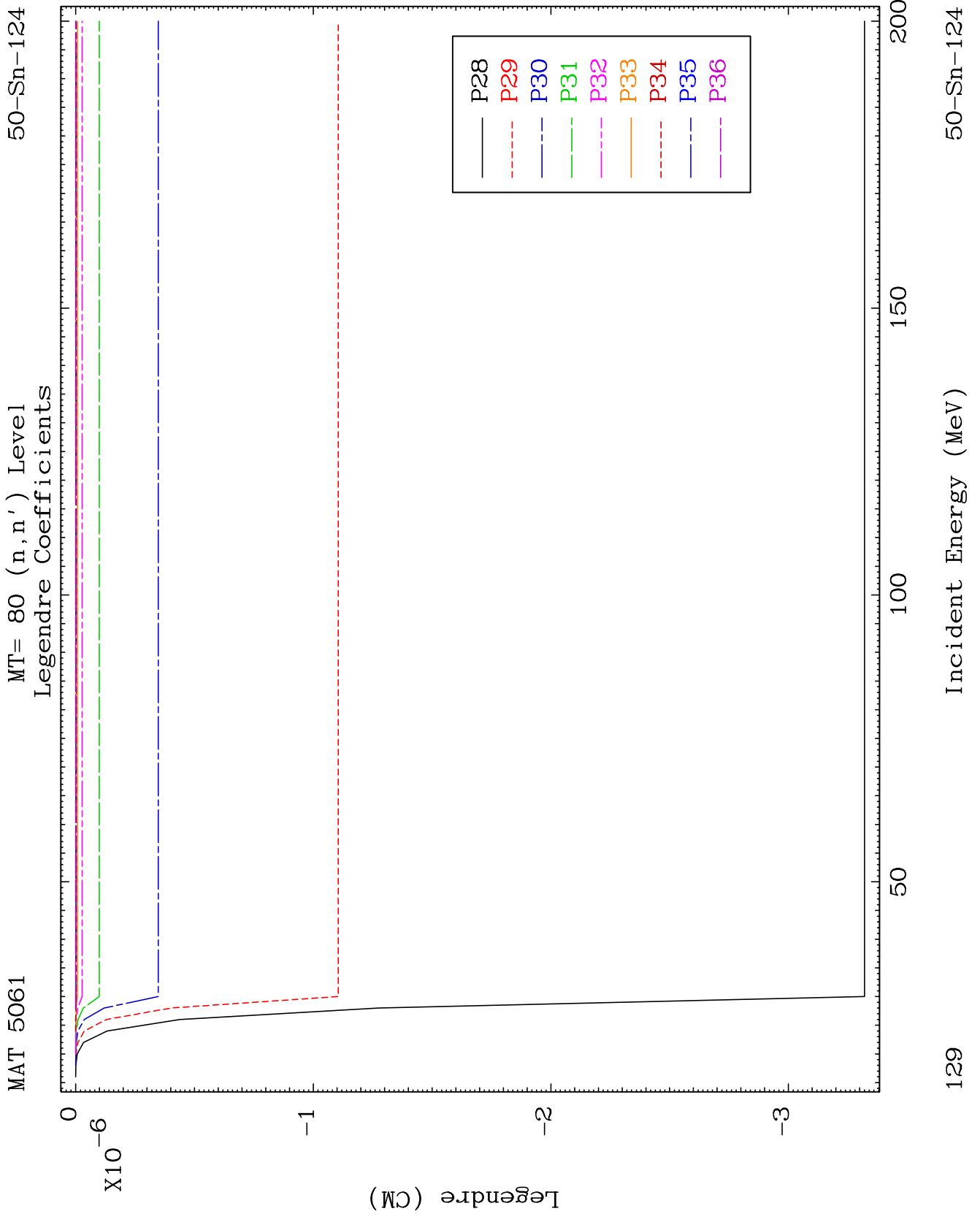










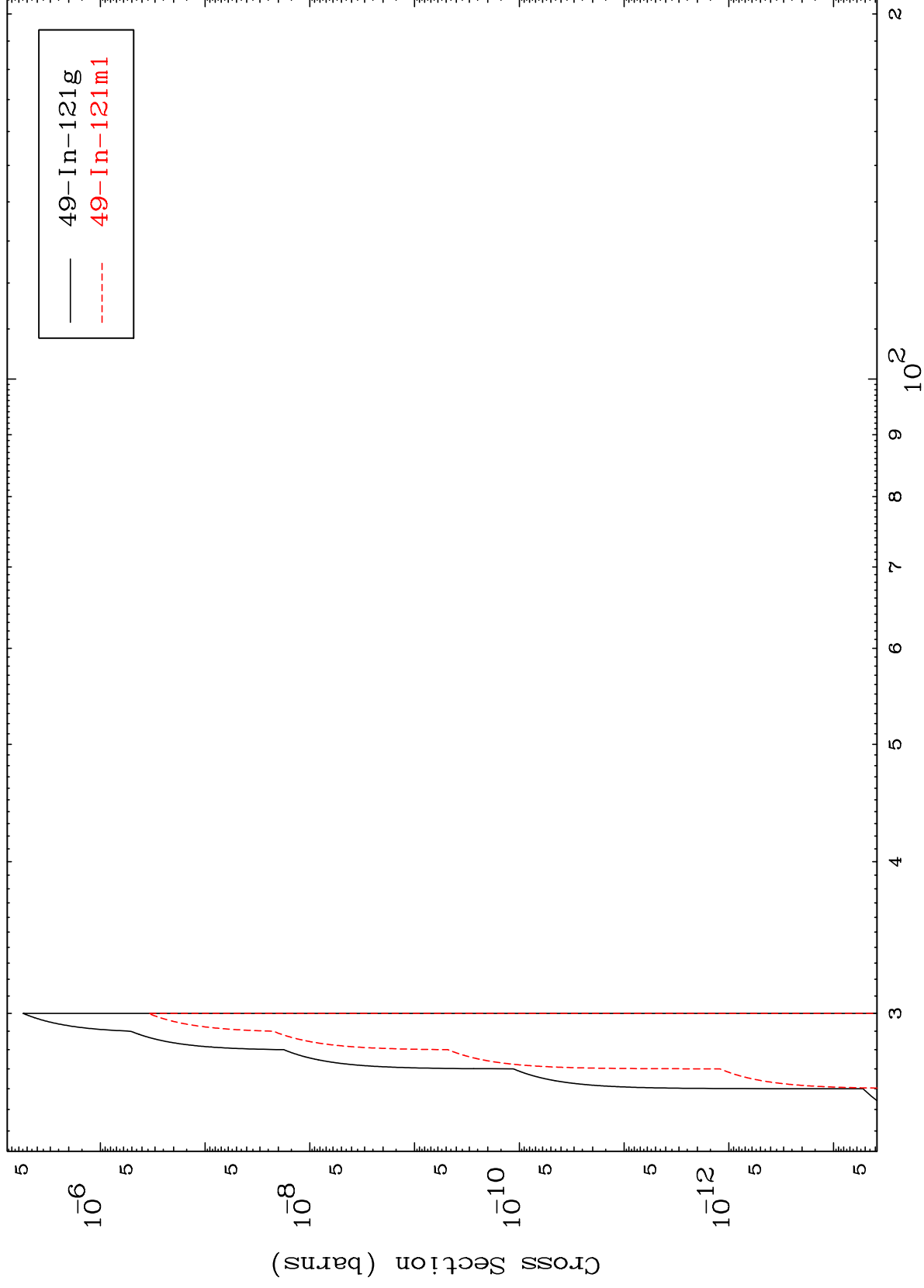


MAT 5061

(n,2n) d

50-Sn-124

Radionuclide Production Cross Section



130

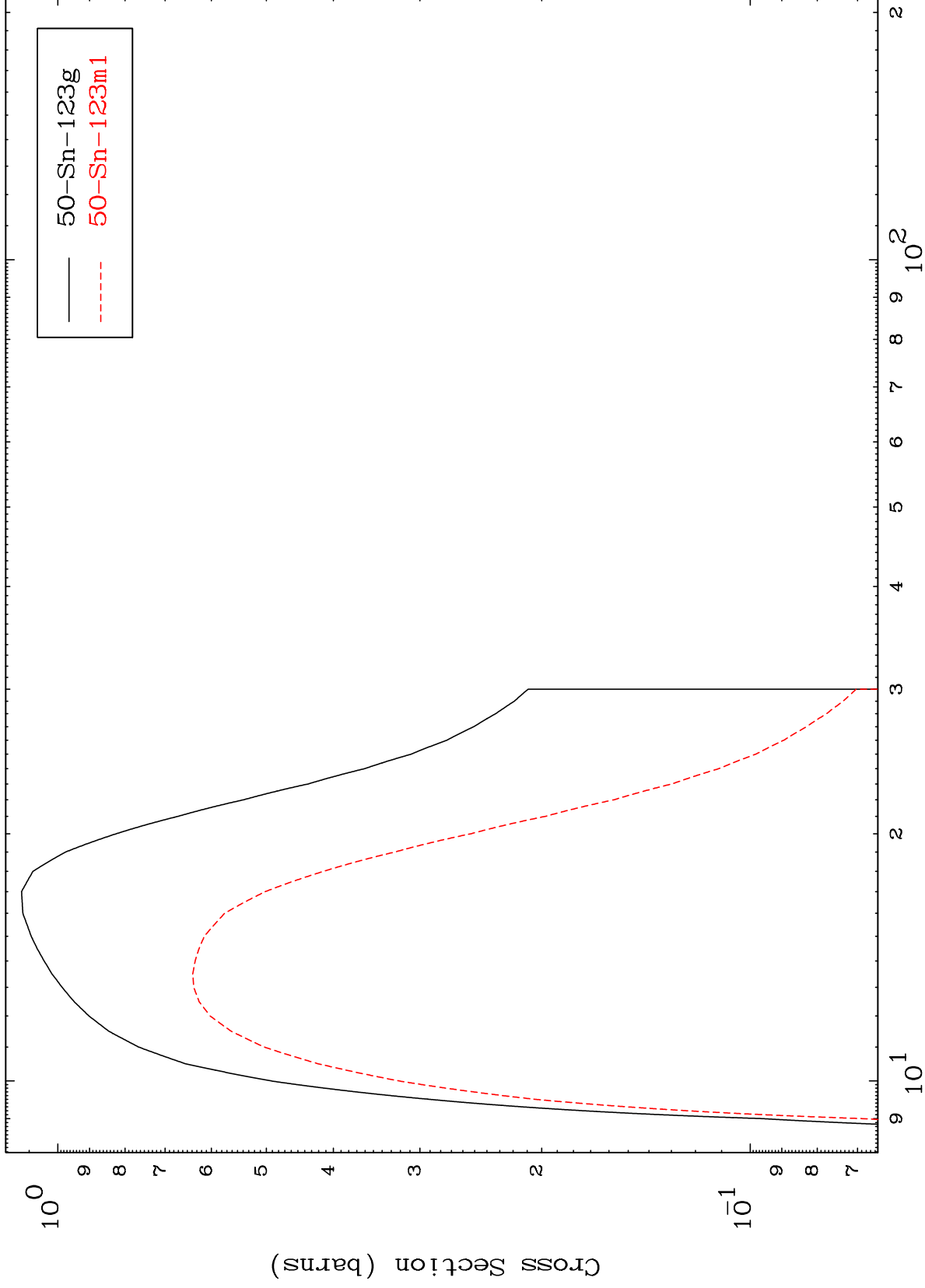
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

(n,2n)
Radionuclide Production Cross Section



131

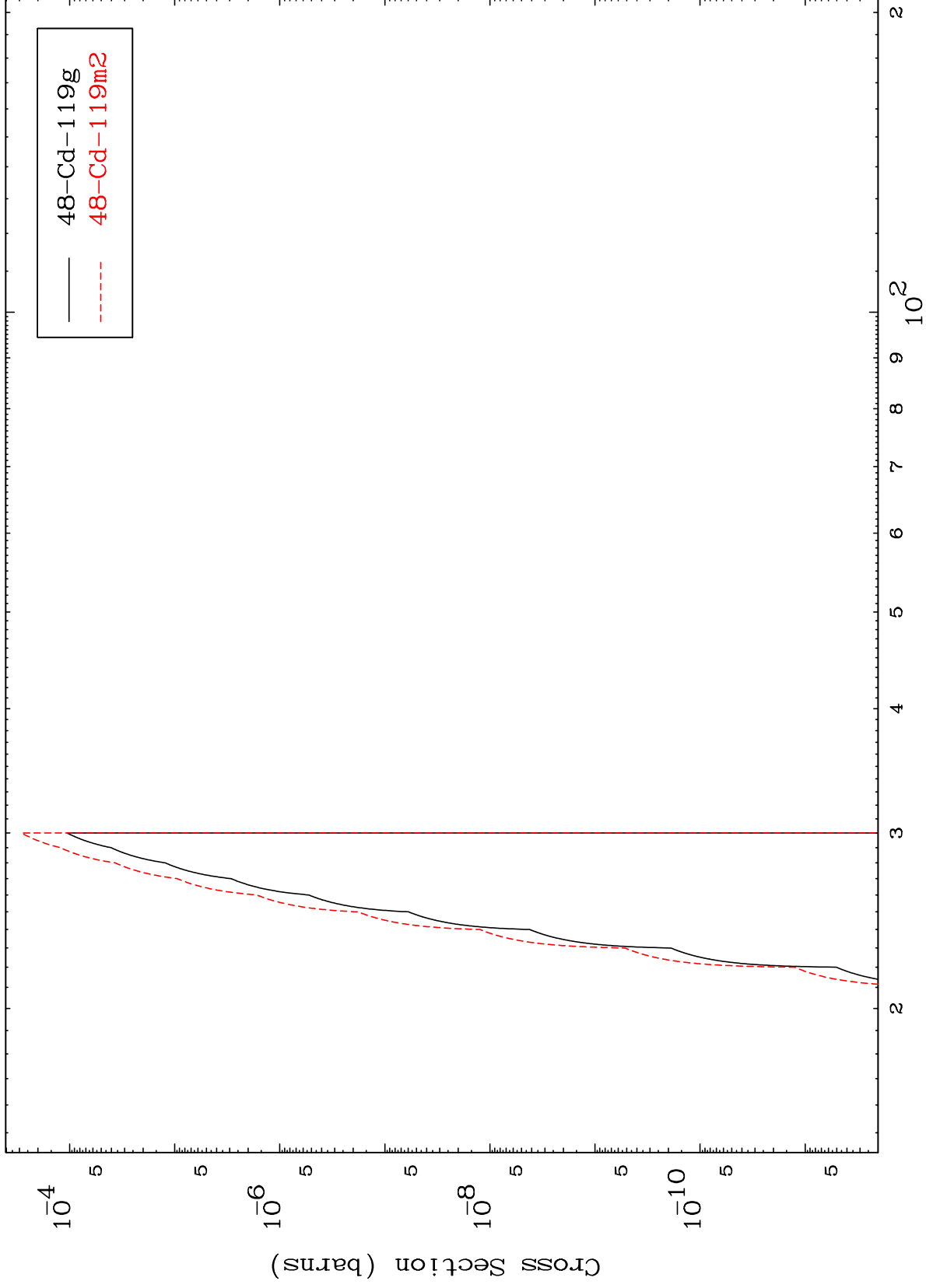
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

$(n,2n) \alpha$
Radionuclide Production Cross Section

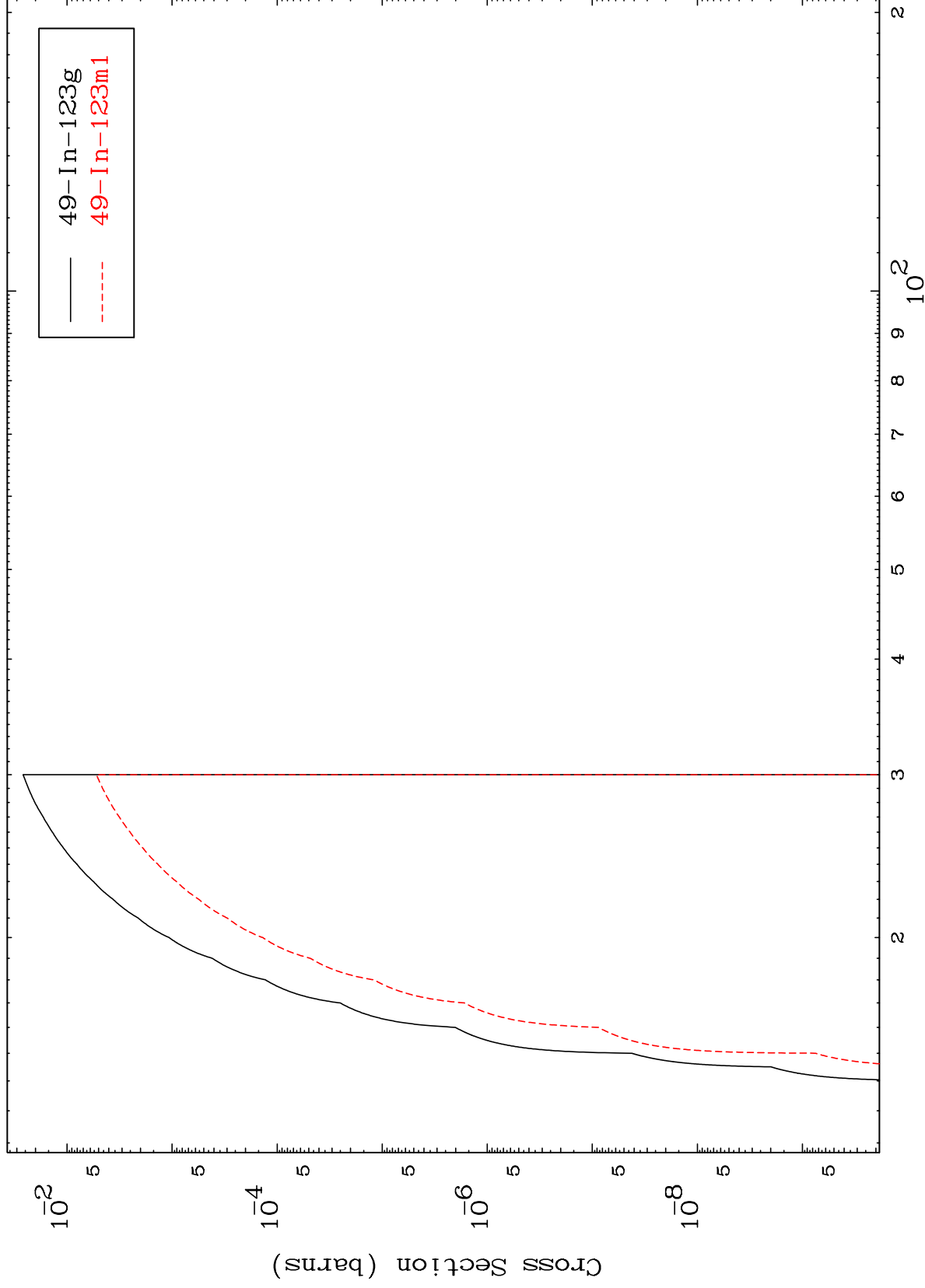


50-Sn-124

Incident Energy (MeV)

132

Radionuclide Production Cross Section

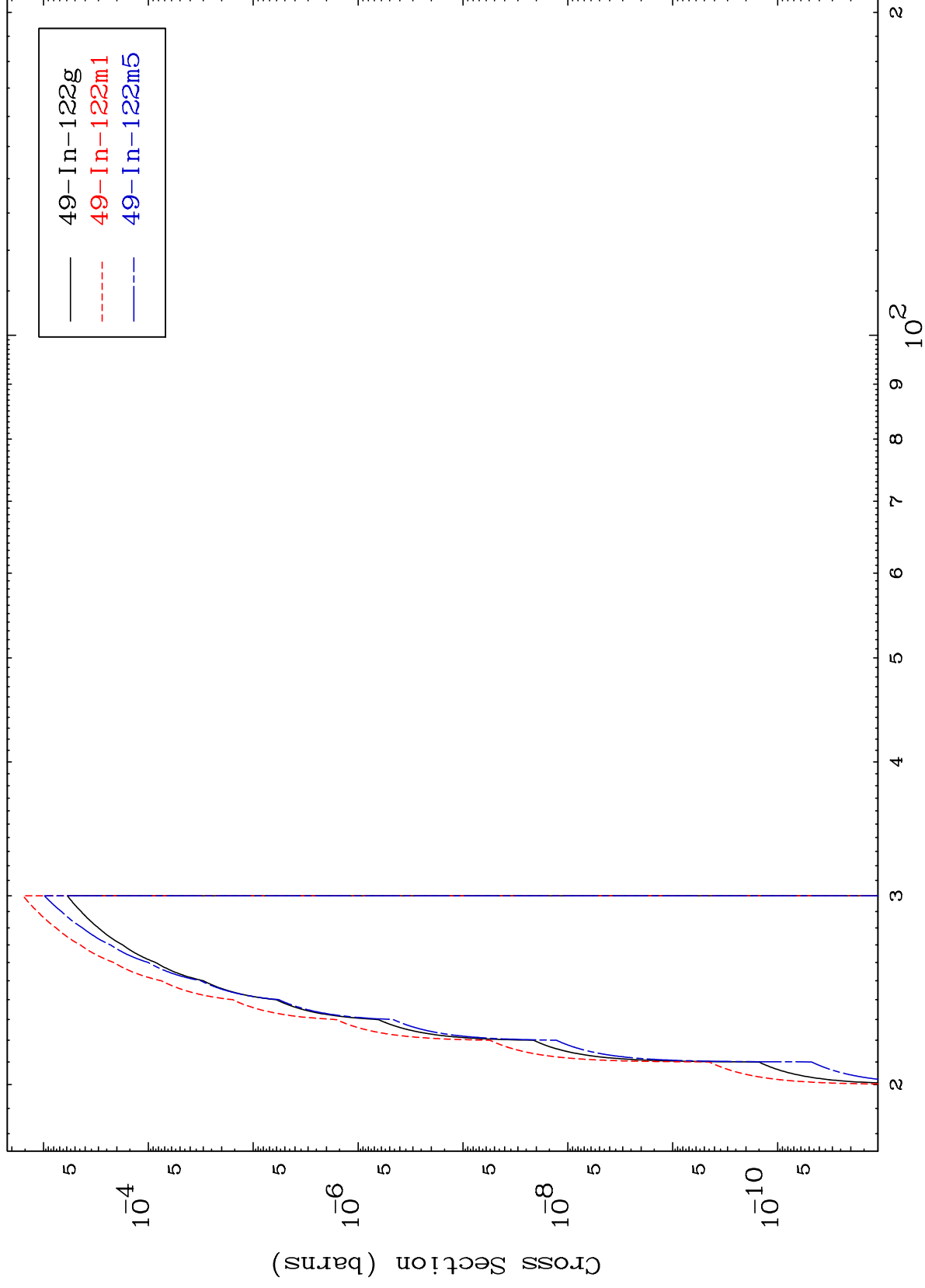


MAT 5061

(n,n') d

50-Sn-124

Radionuclide Production Cross Section



134

Incident Energy (MeV)

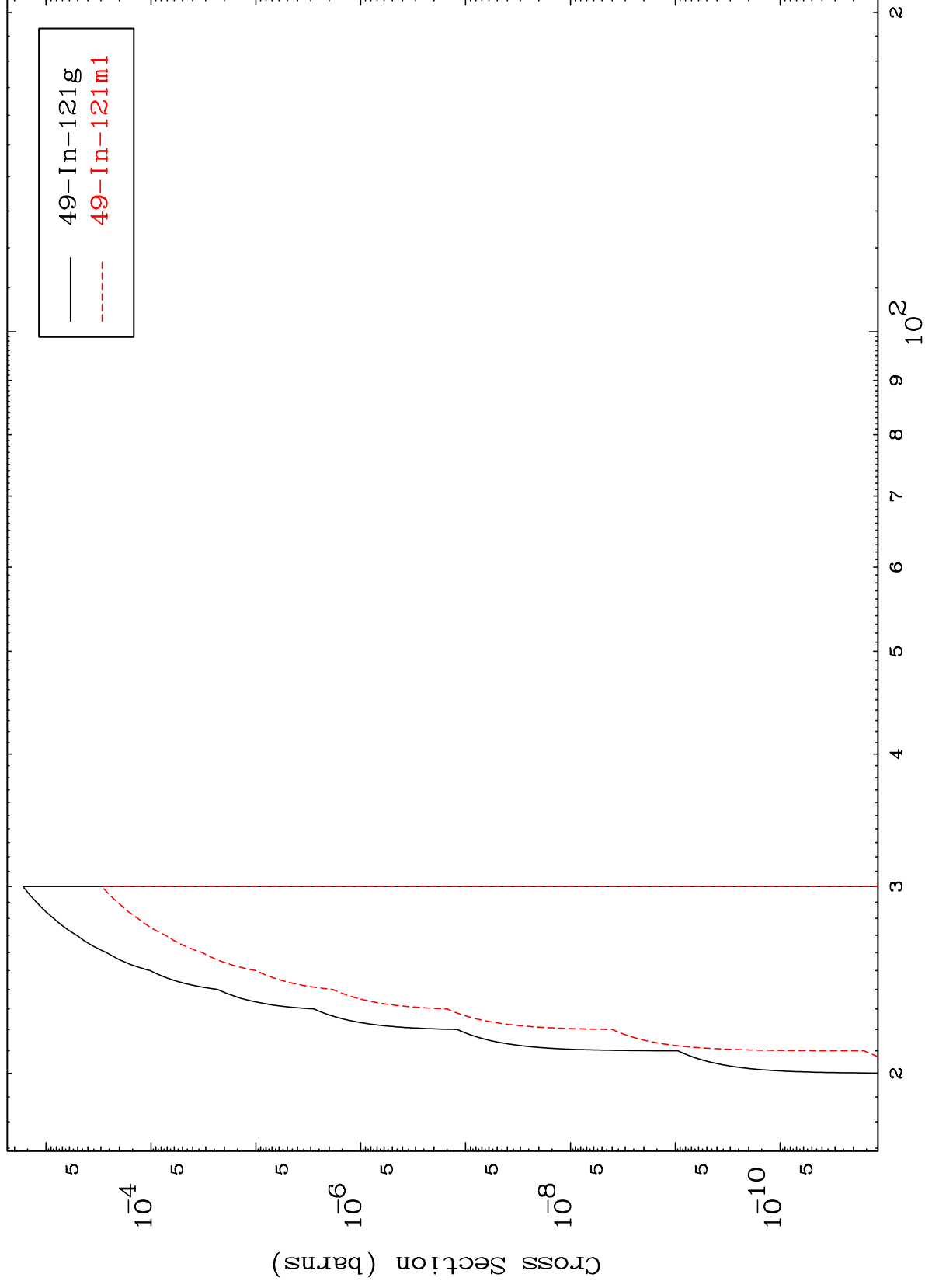
50-Sn-124

MAT 5061

(n,n') t

50-Sn-124

Radionuclide Production Cross Section



135

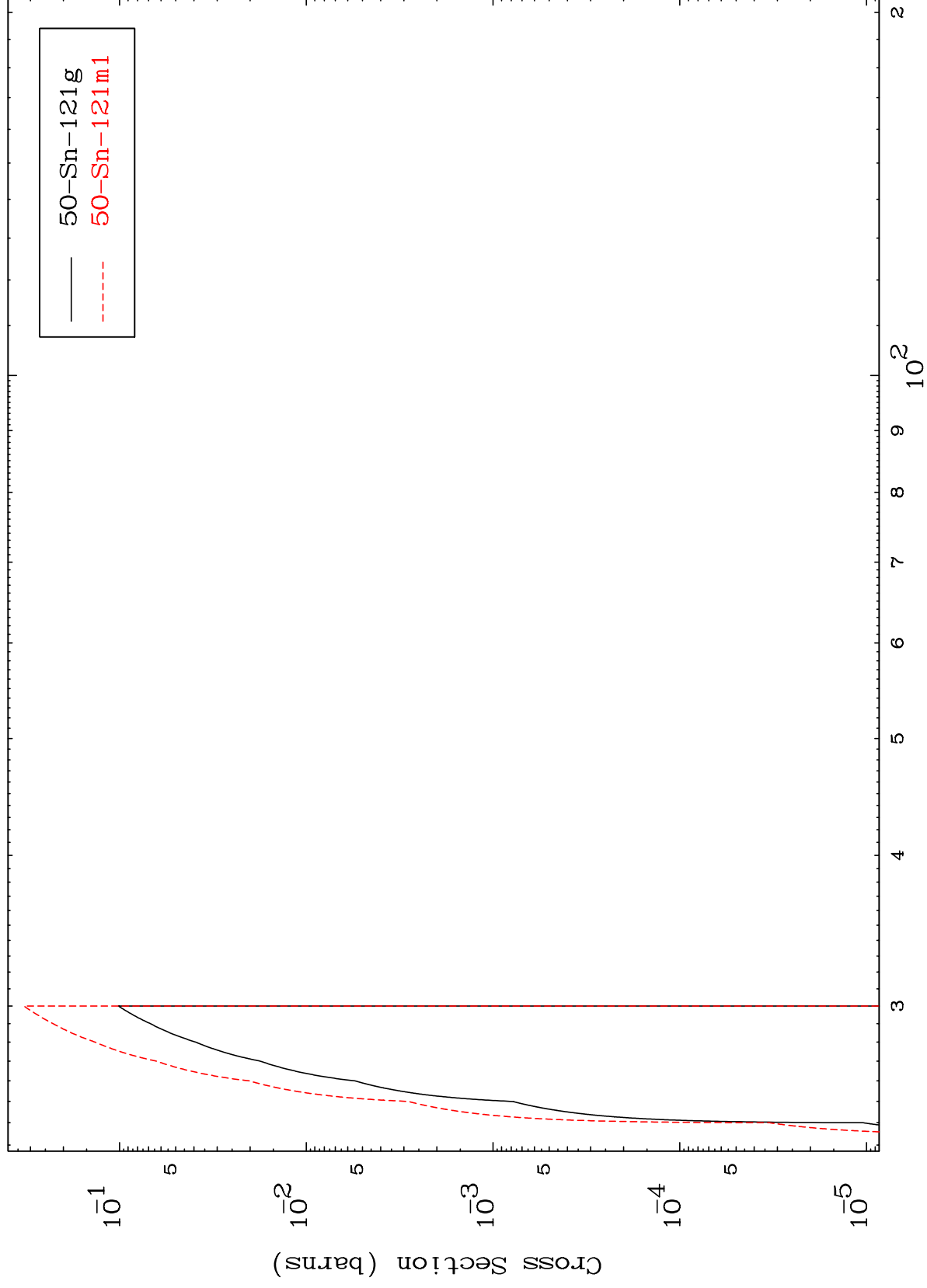
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

(n,4n)
Radionuclide Production Cross Section



136

50-Sn-124

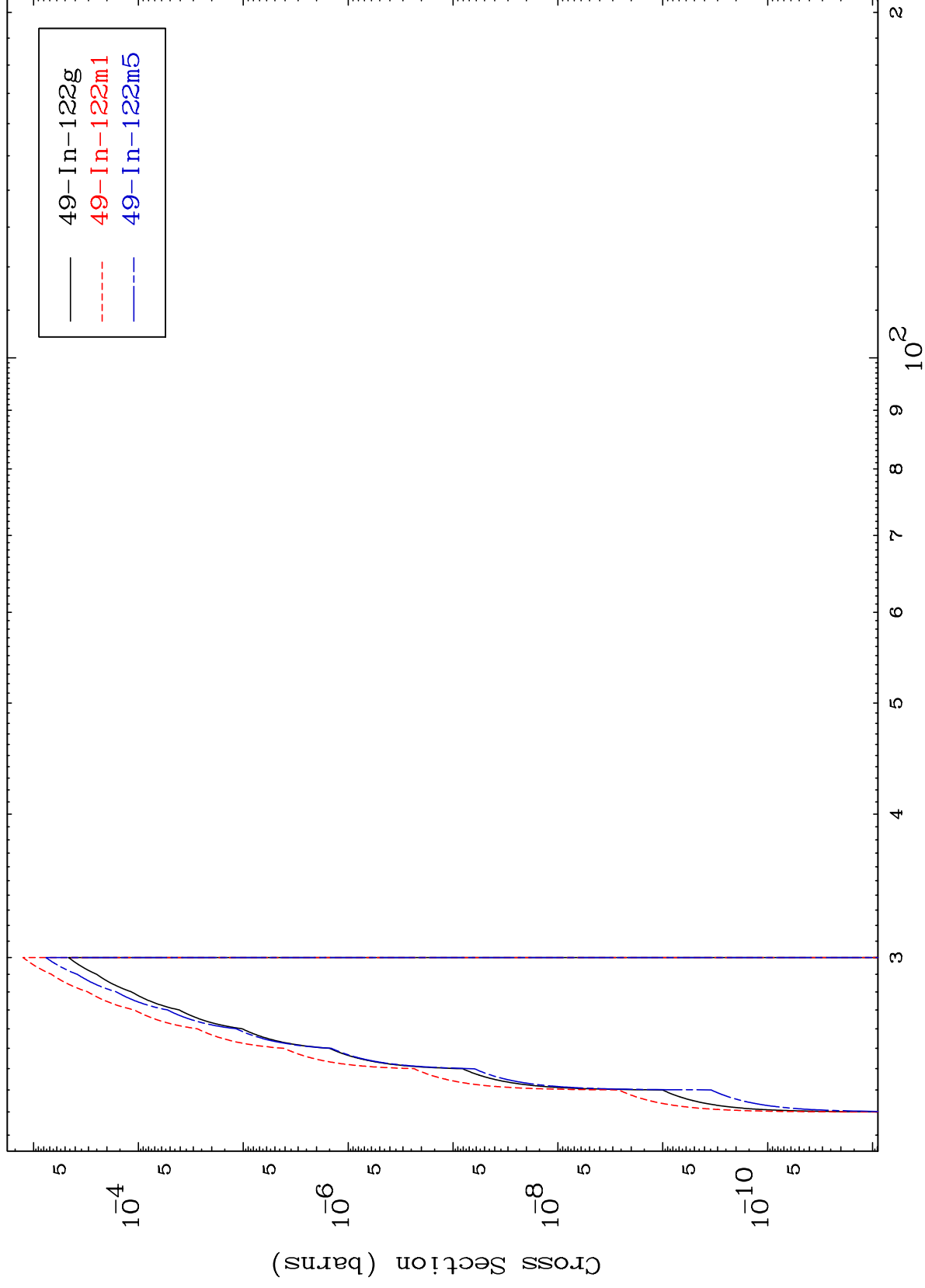
Incident Energy (MeV)

MAT 5061

(n,2n) p

50-Sn-124

Radionuclide Production Cross Section



137

Incident Energy (MeV)

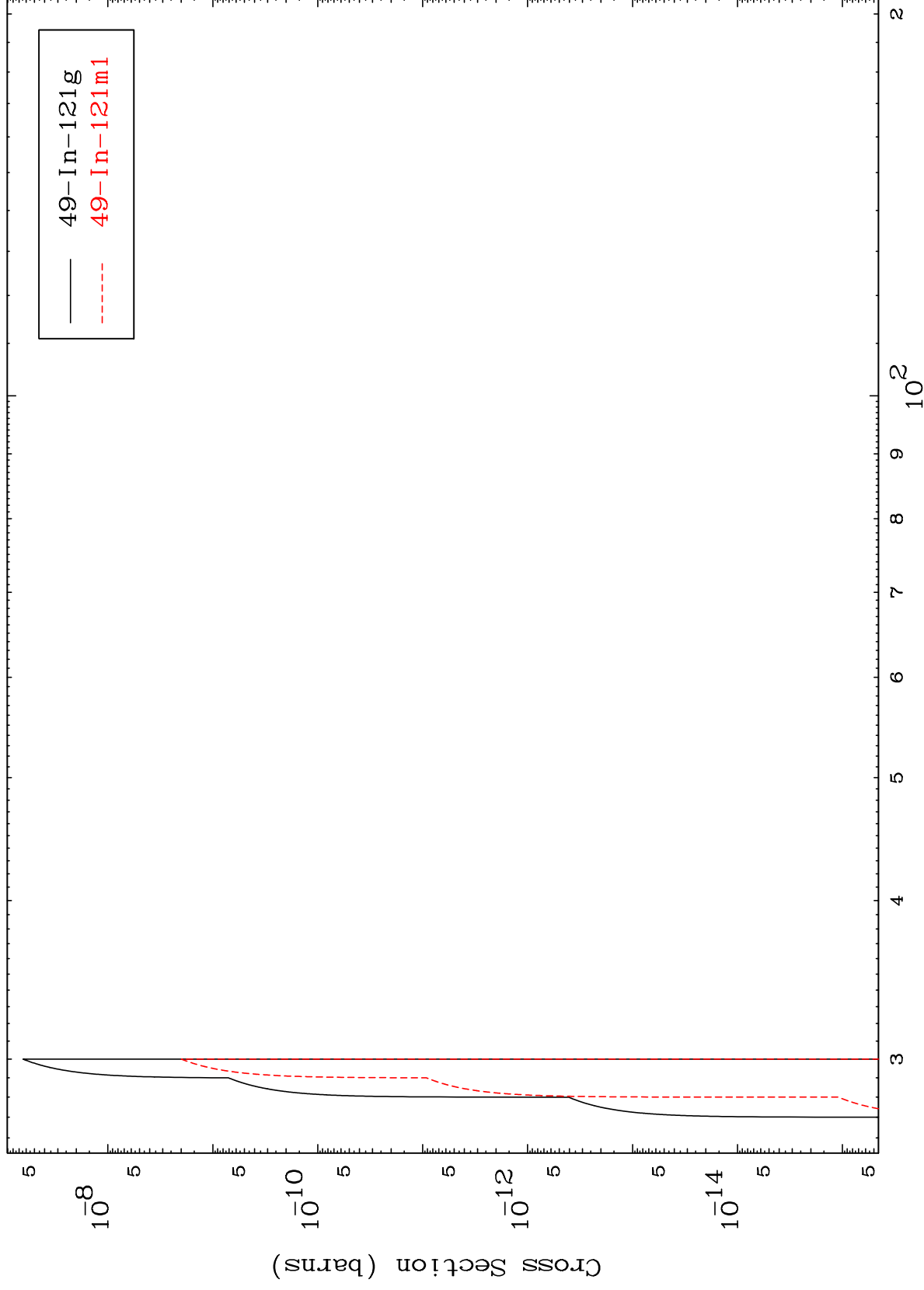
50-Sn-124

MAT 5061

(n,3n) p

50-Sn-124

Radionuclide Production Cross Section



138

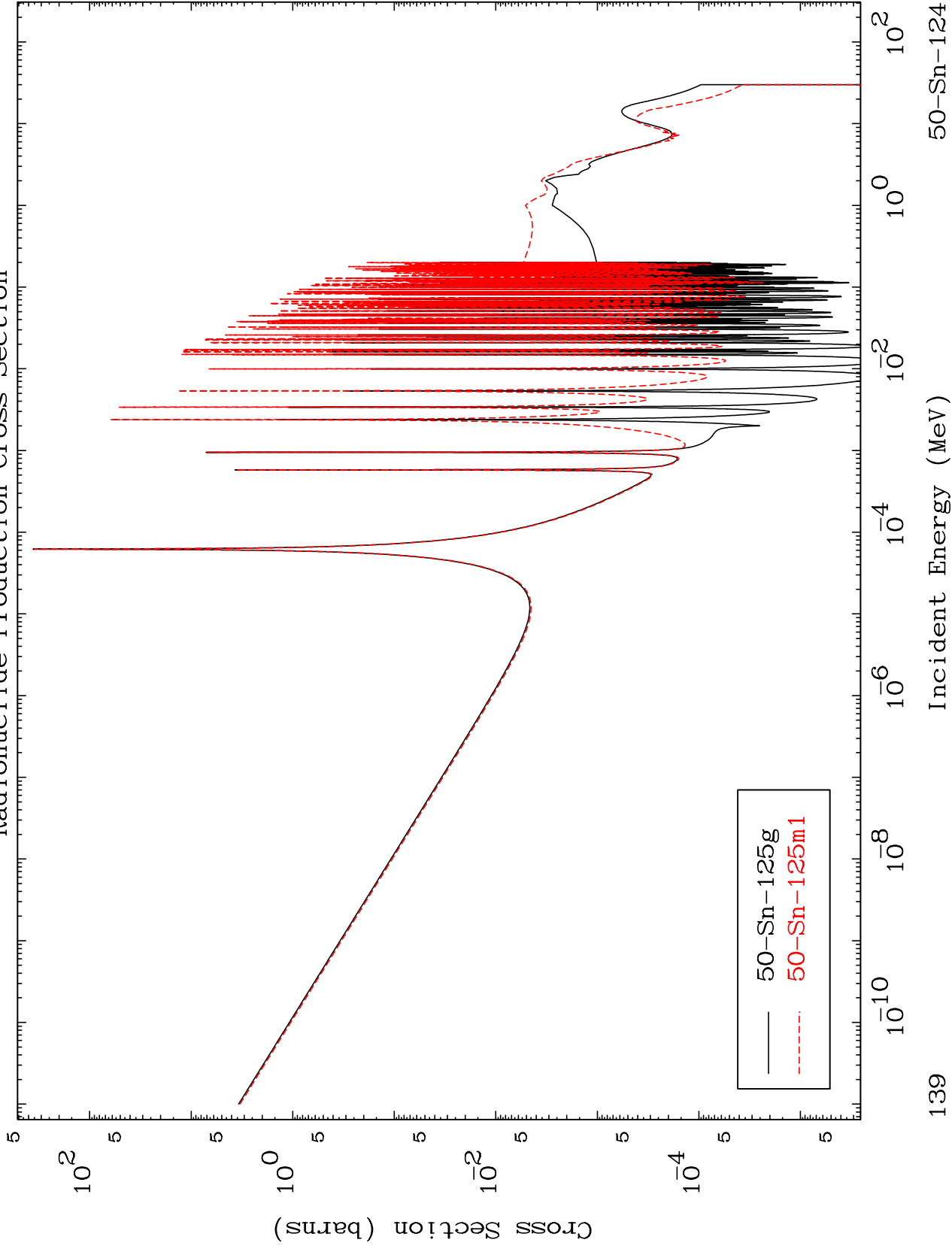
Incident Energy (MeV)

50-Sn-124

MAT 5061

50-Sn-124

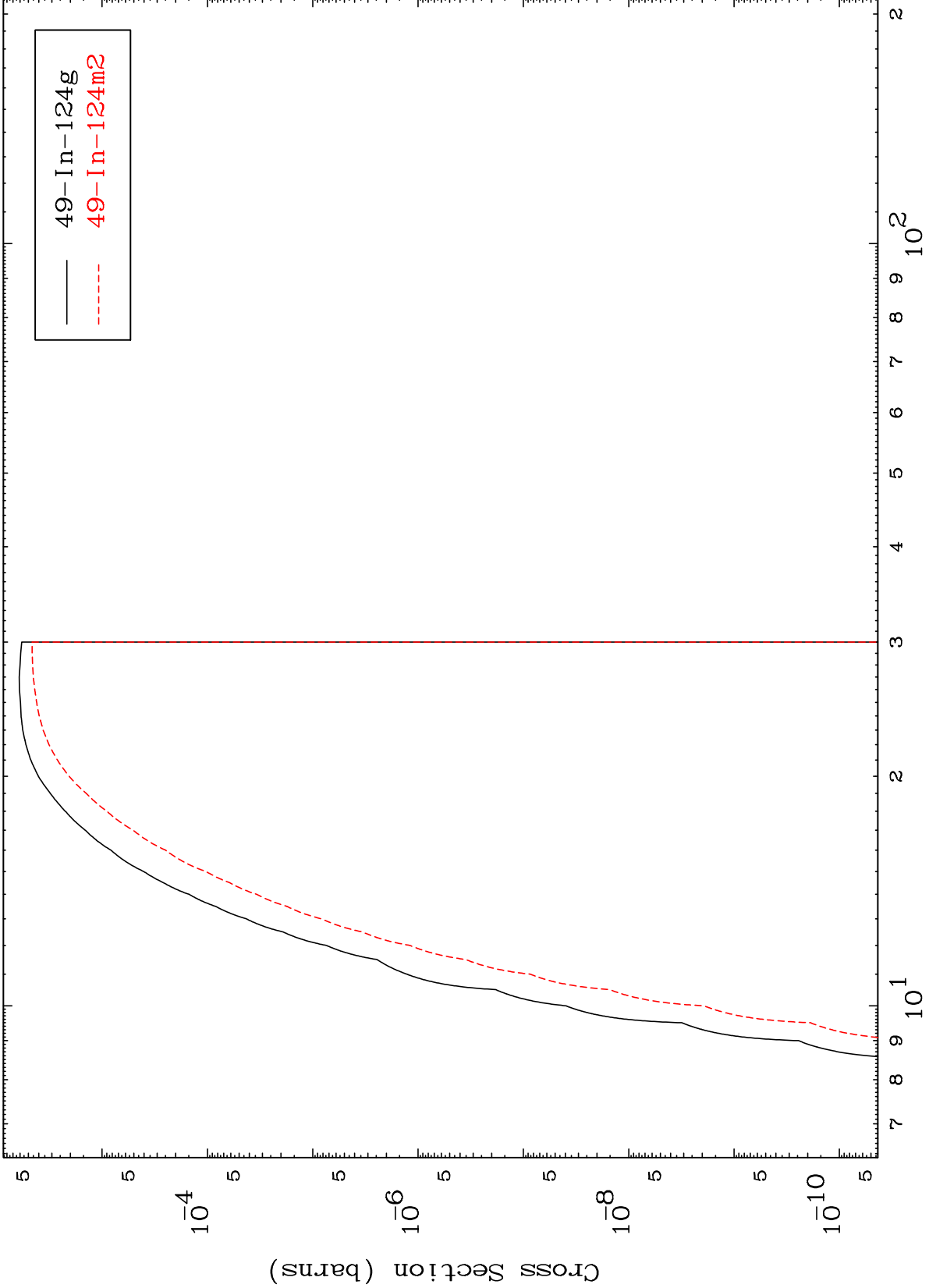
(n, γ)
Radionuclide Production Cross Section



MAT 5061

50-Sn-124

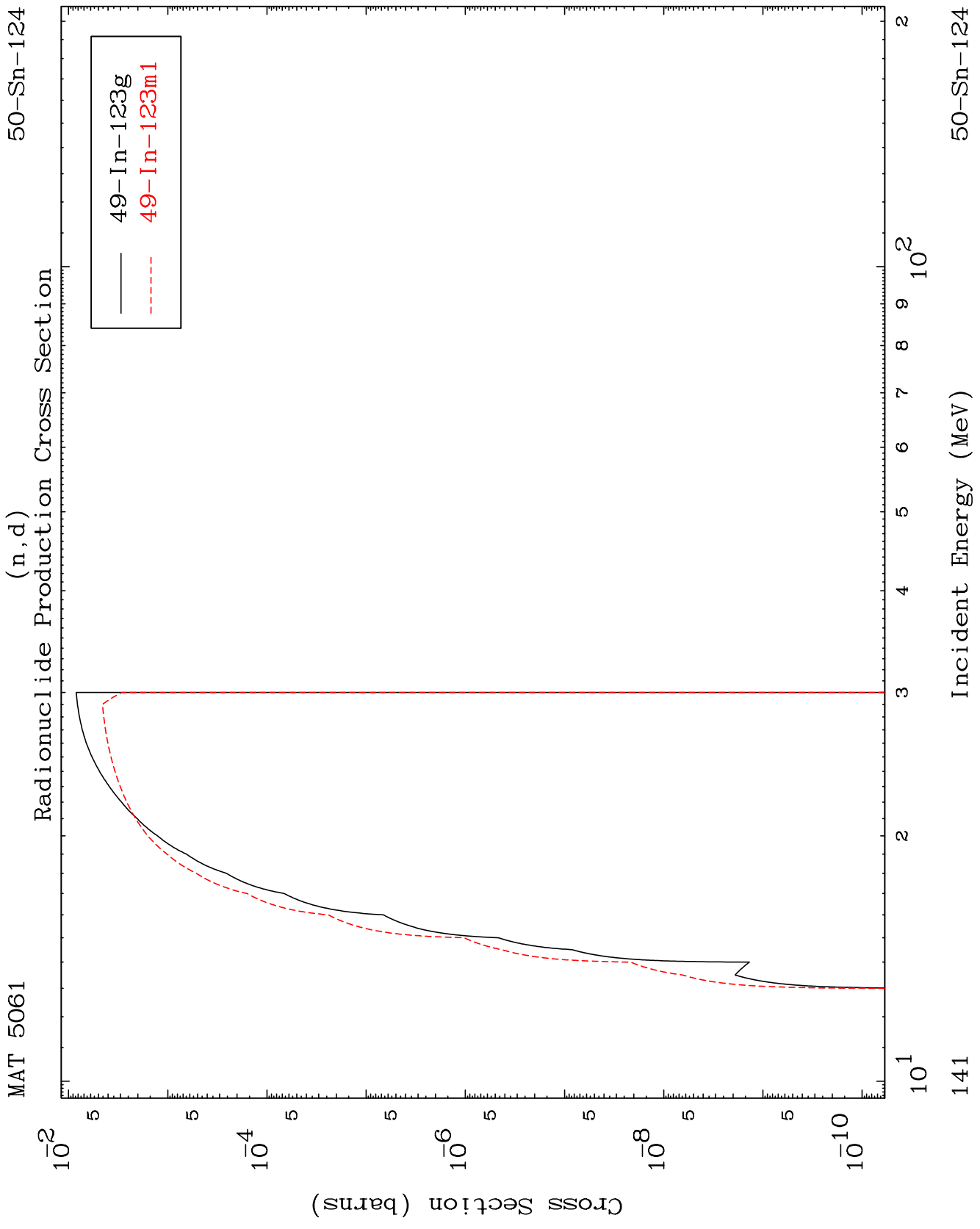
(n,p)
Radionuclide Production Cross Section



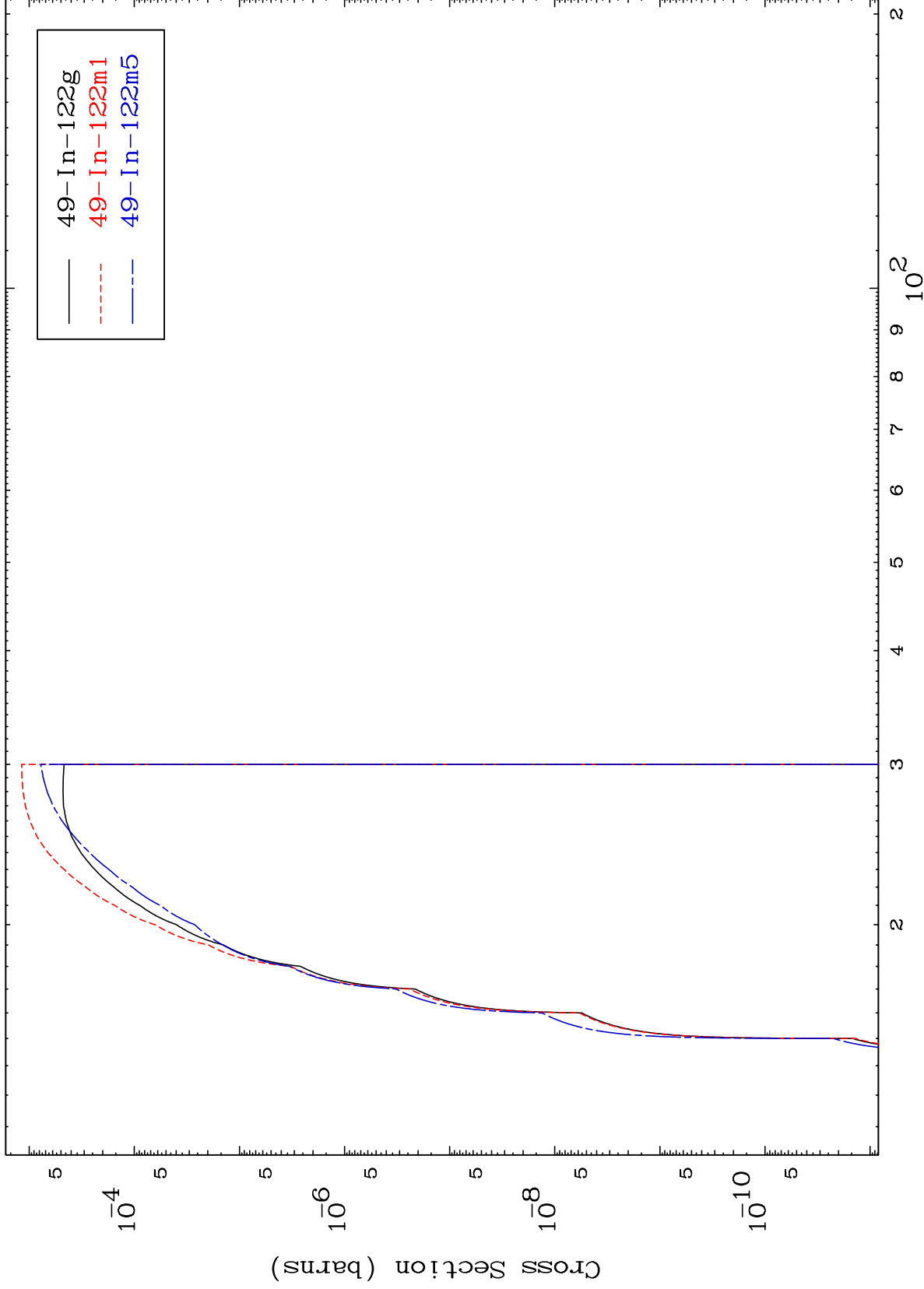
140

Incident Energy (MeV)

50-Sn-124



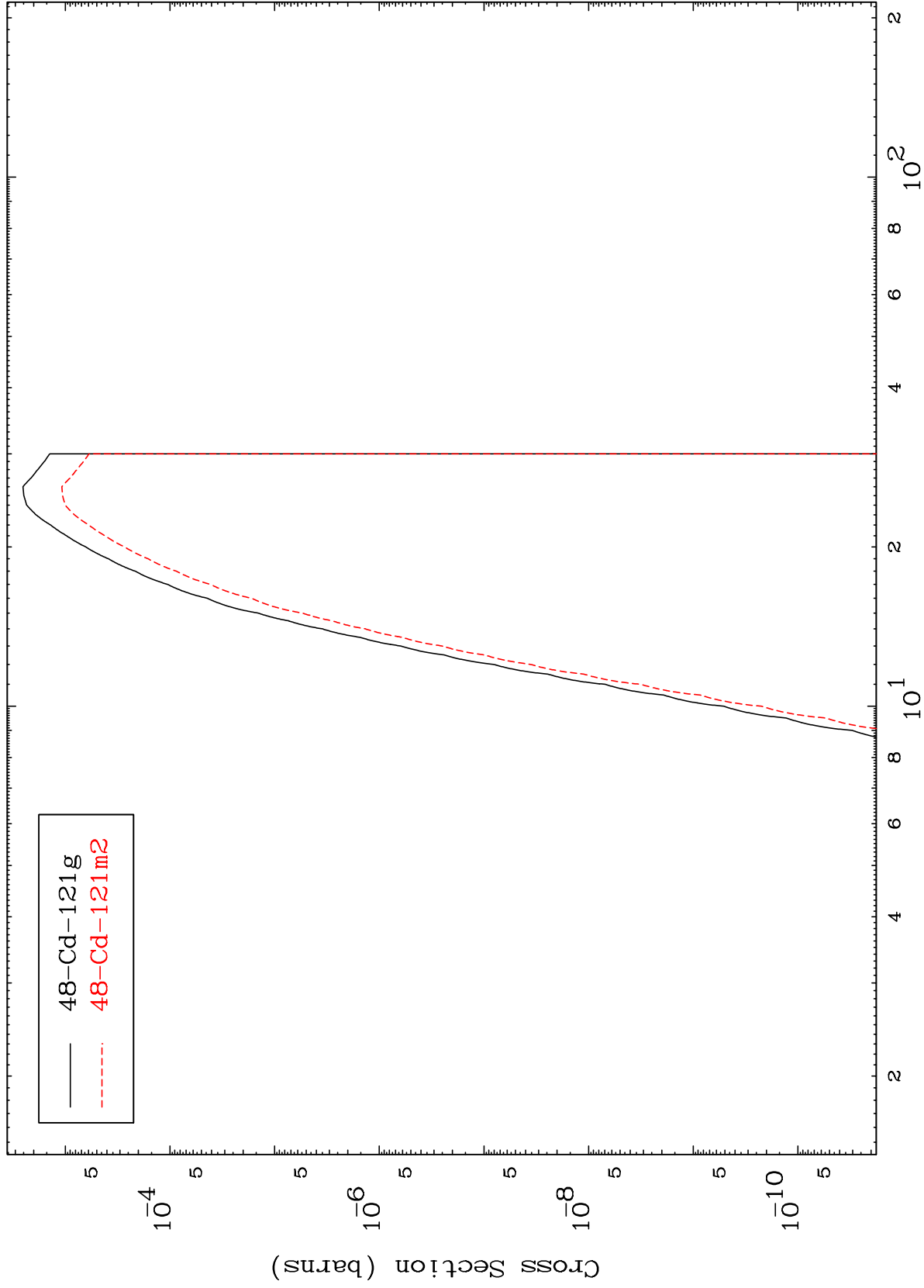
(n,t)
Radionuclide Production Cross Section



MAT 5061

50-Sn-124

(n, α)
Radionuclide Production Cross Section



143

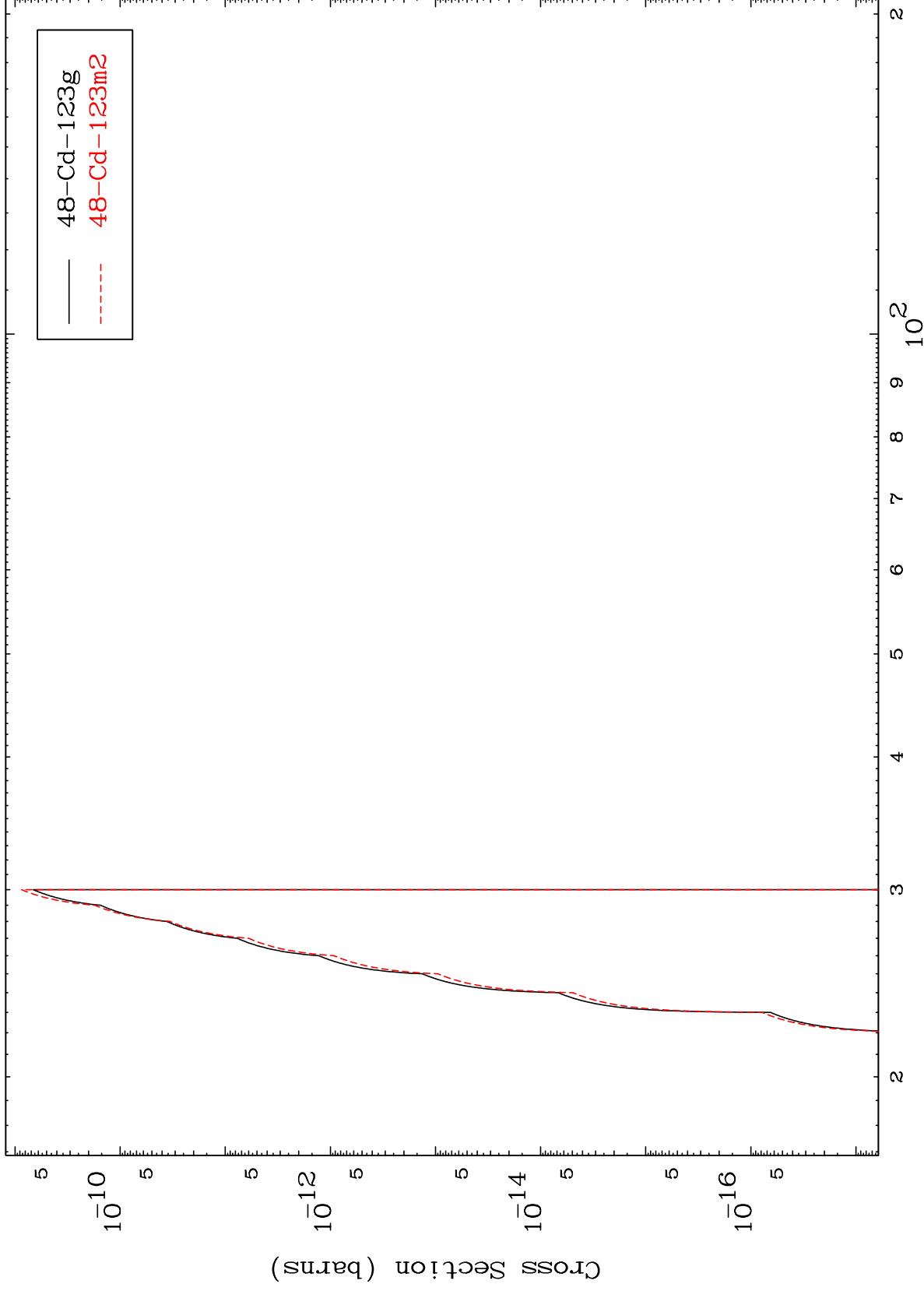
50-Sn-124

Incident Energy (MeV)

MAT 5061

50-Sn-124

(n,2p)
Radionuclide Production Cross Section



144

50-Sn-124

Incident Energy (MeV)