

Program EVALPLOT
(Version 2021-1)

by

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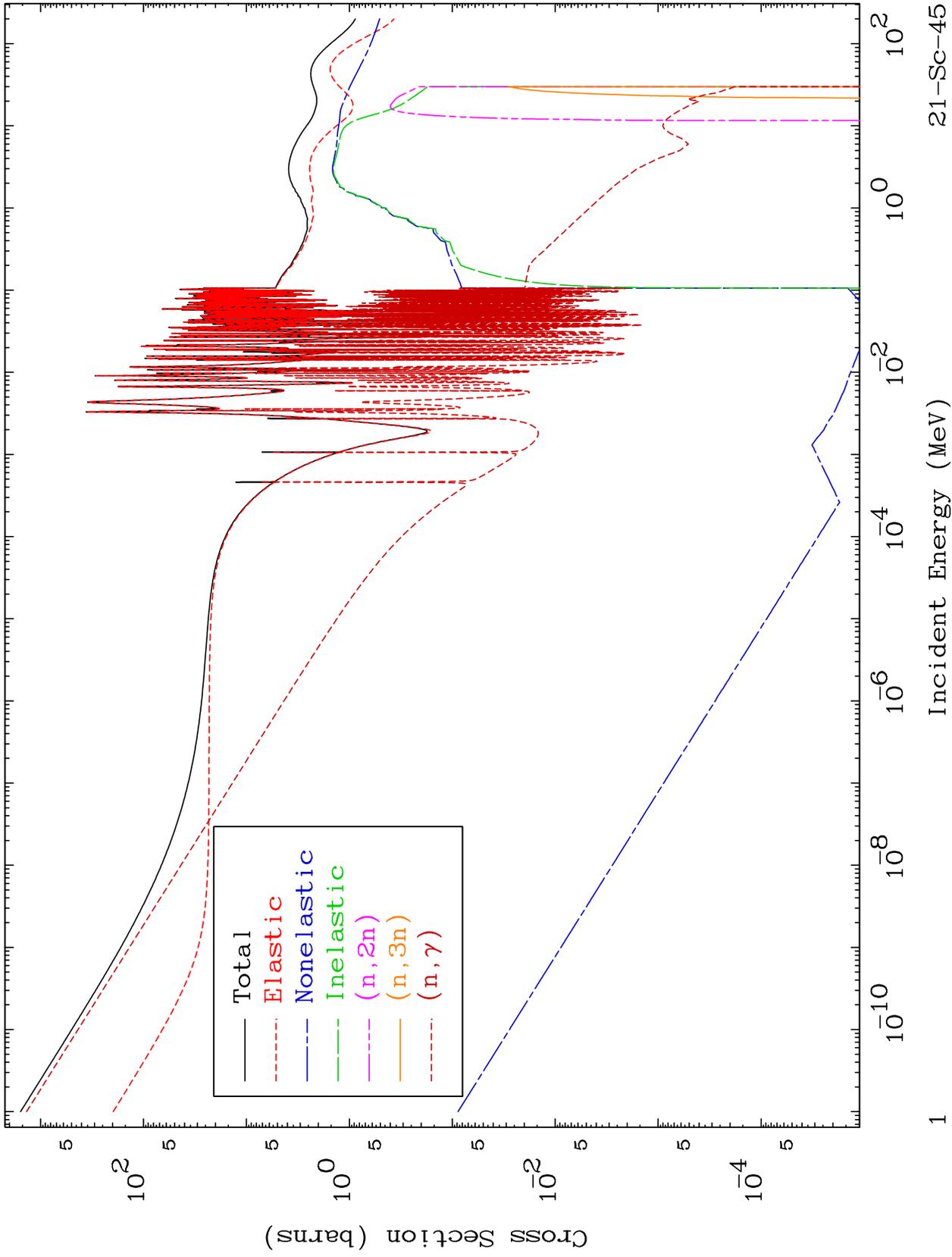
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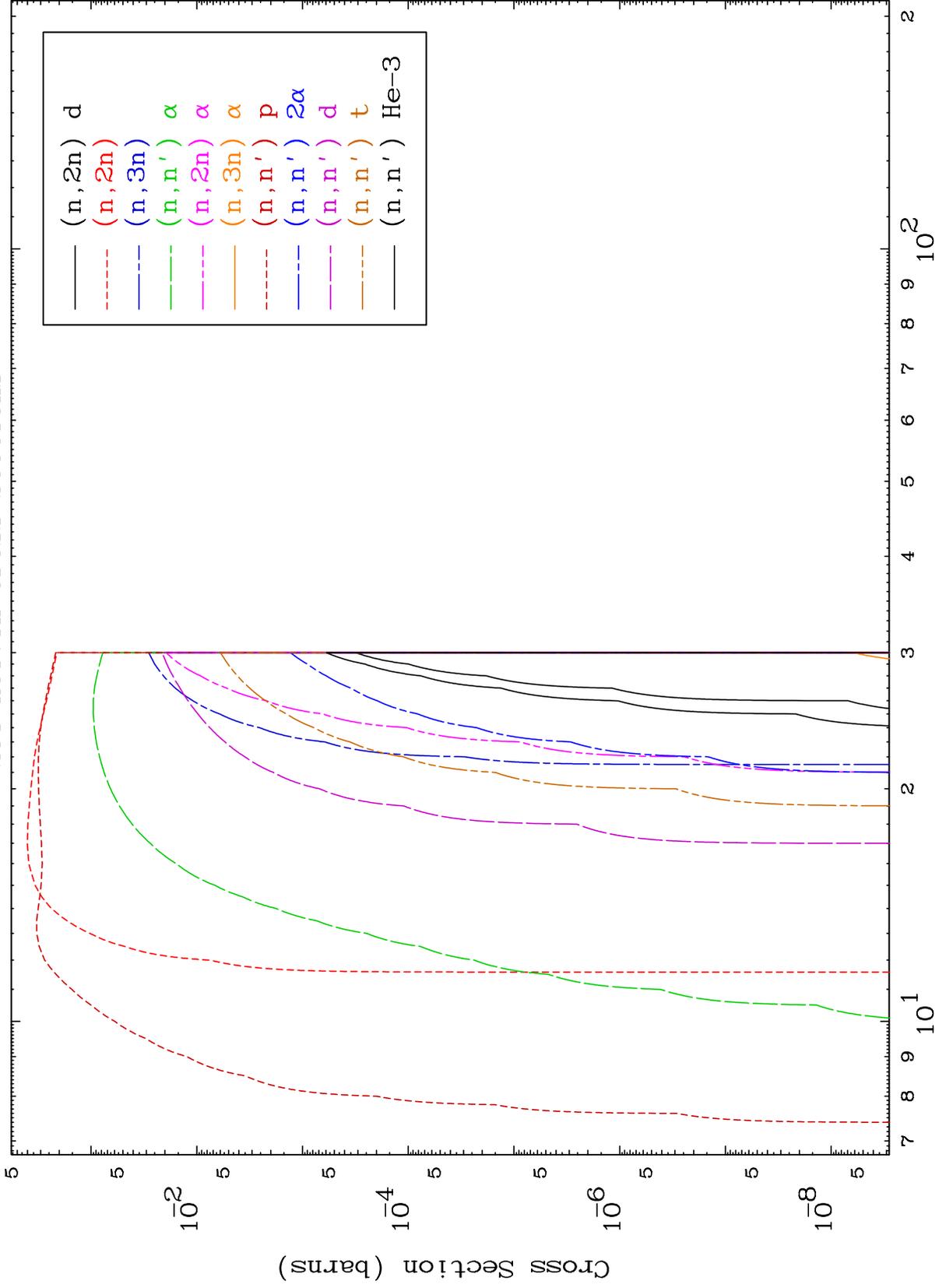
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MAT 2125

Neutron Major
293 Kelvin Cross Sections

21-Sc-45

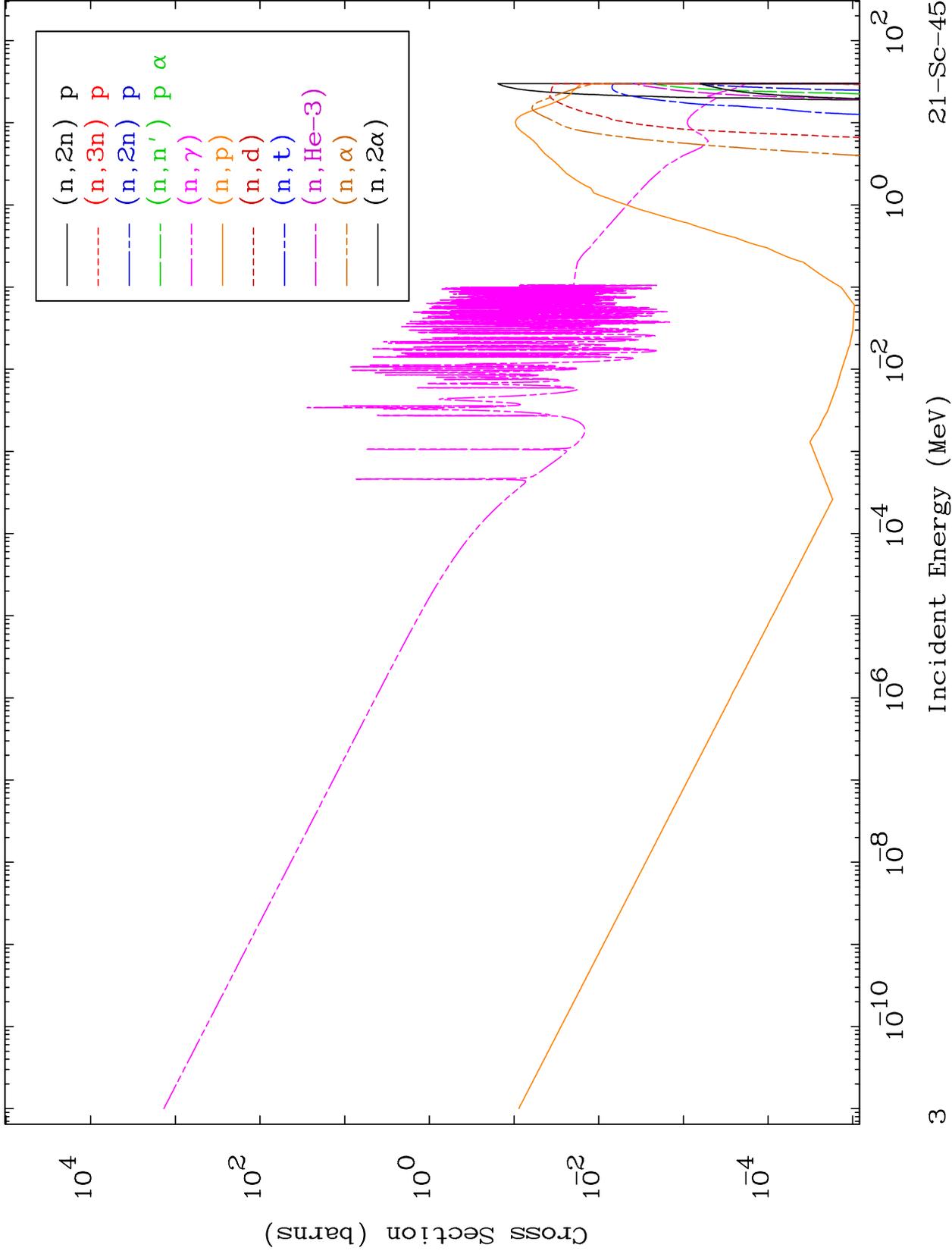




MAT 2125

Neutron Absorption
293 Kelvin Cross Sections

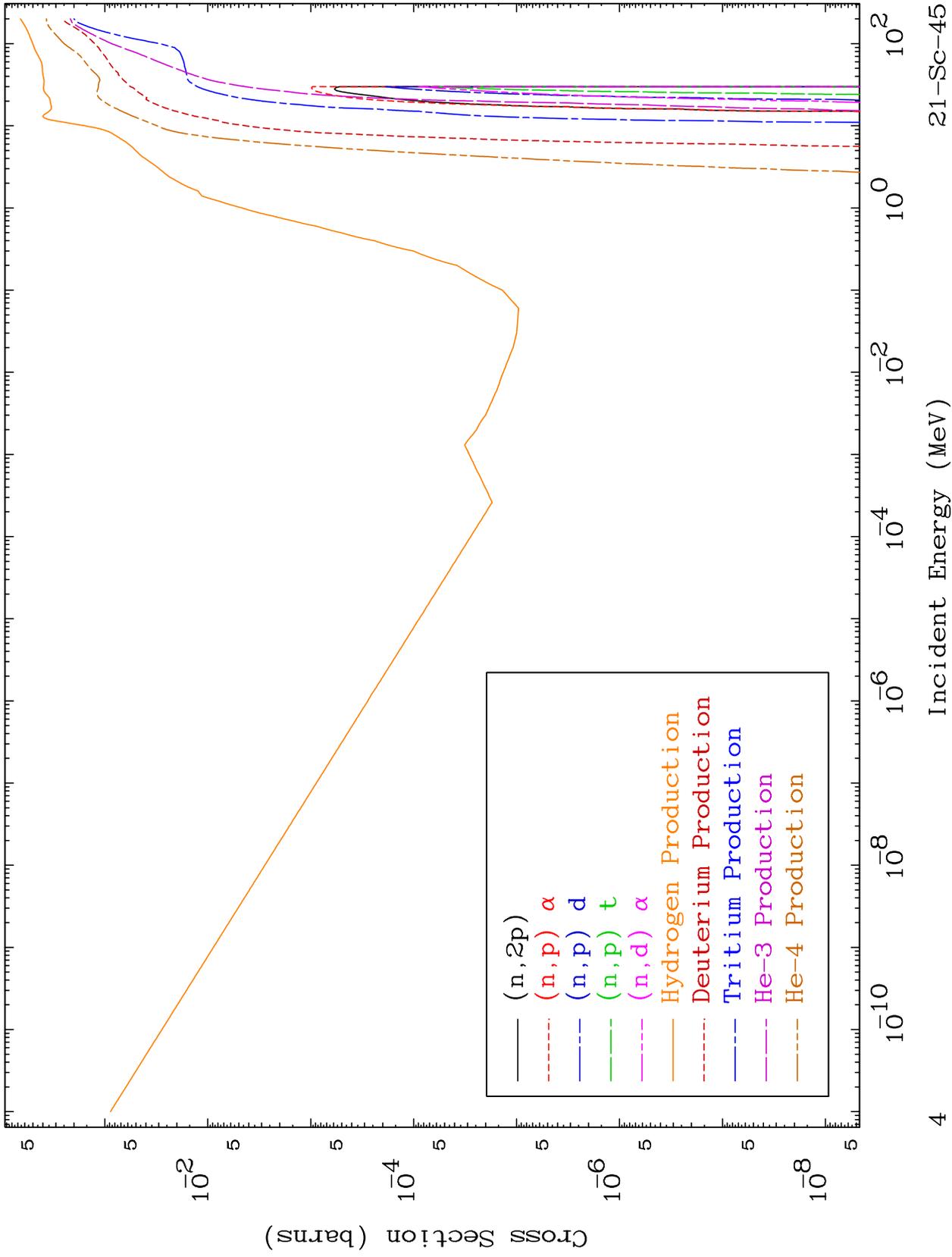
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MAT 2125

Neutron Absorption
293 Kelvin Cross Sections

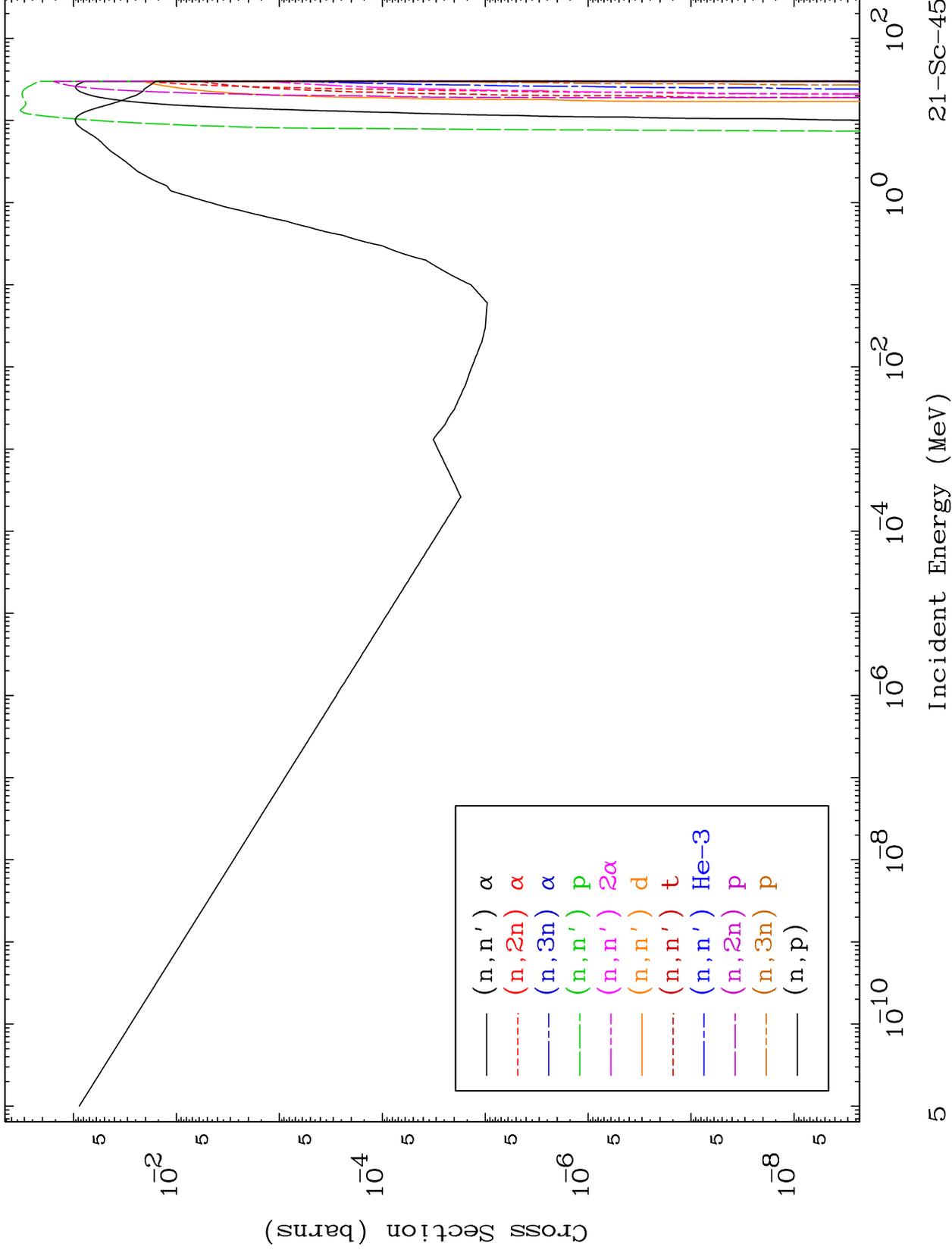
21-Sc-45



MAT 2125

Charged Particle
293 Kelvin Cross Sections

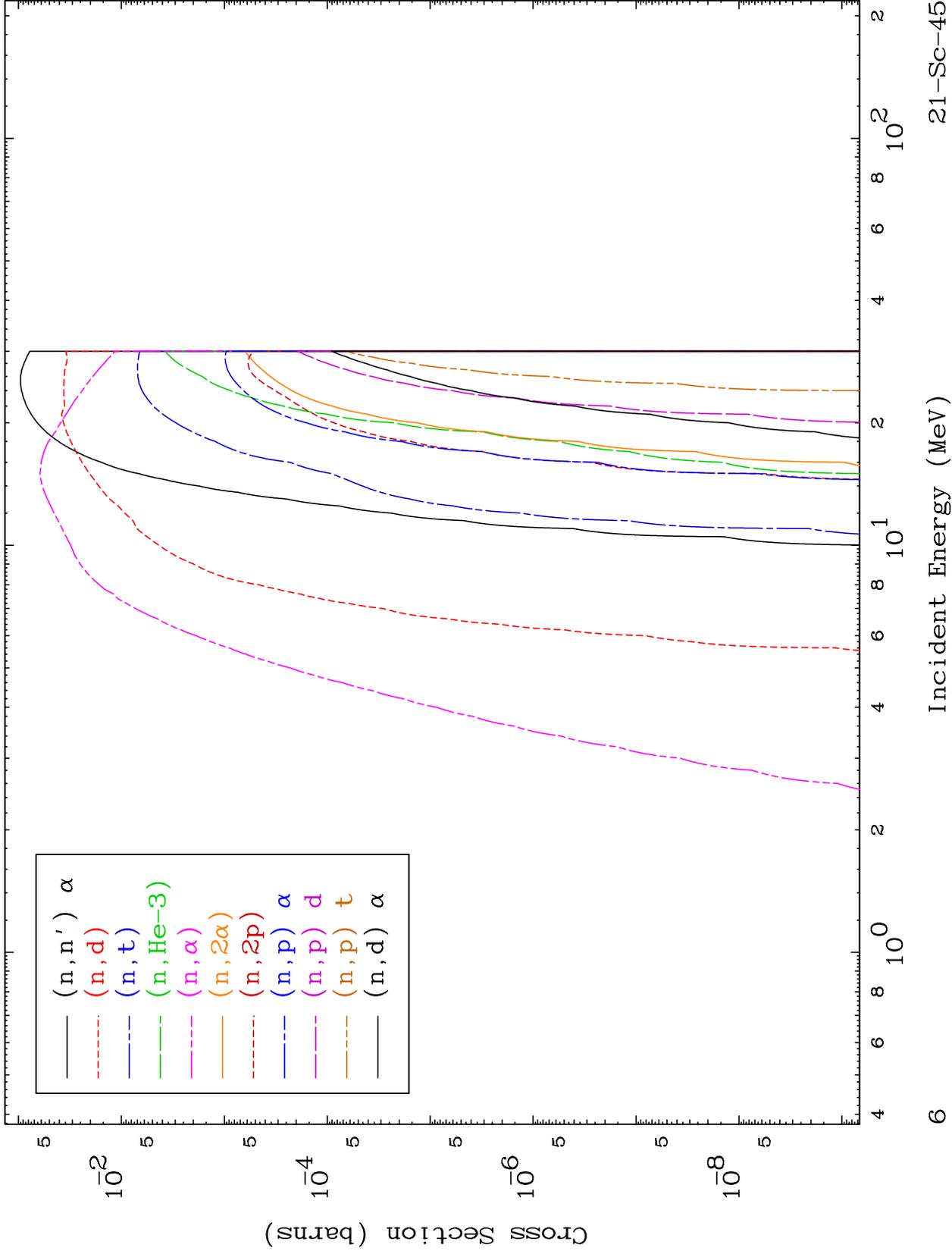
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MAT 2125

Charged Particle
293 Kelvin Cross Sections

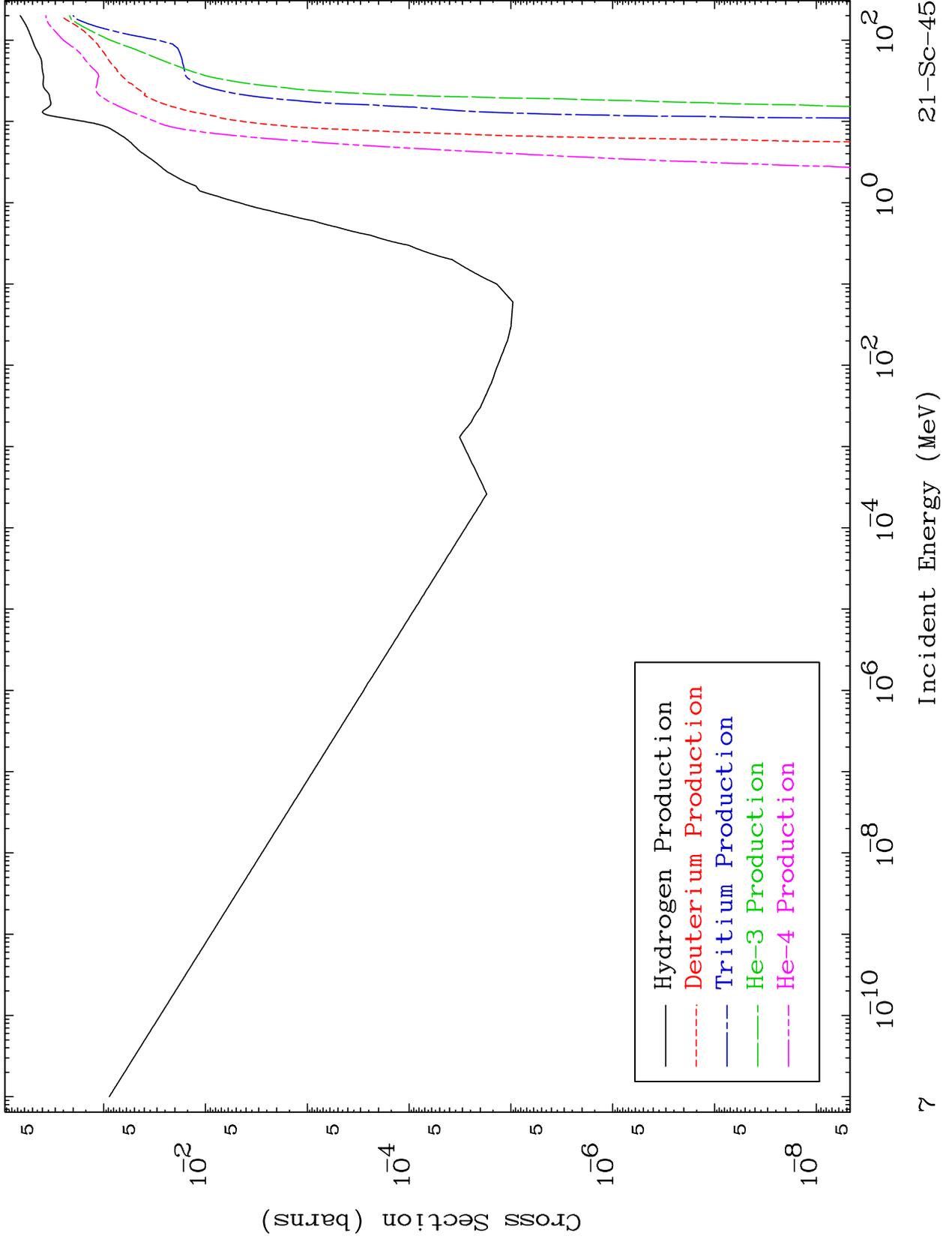
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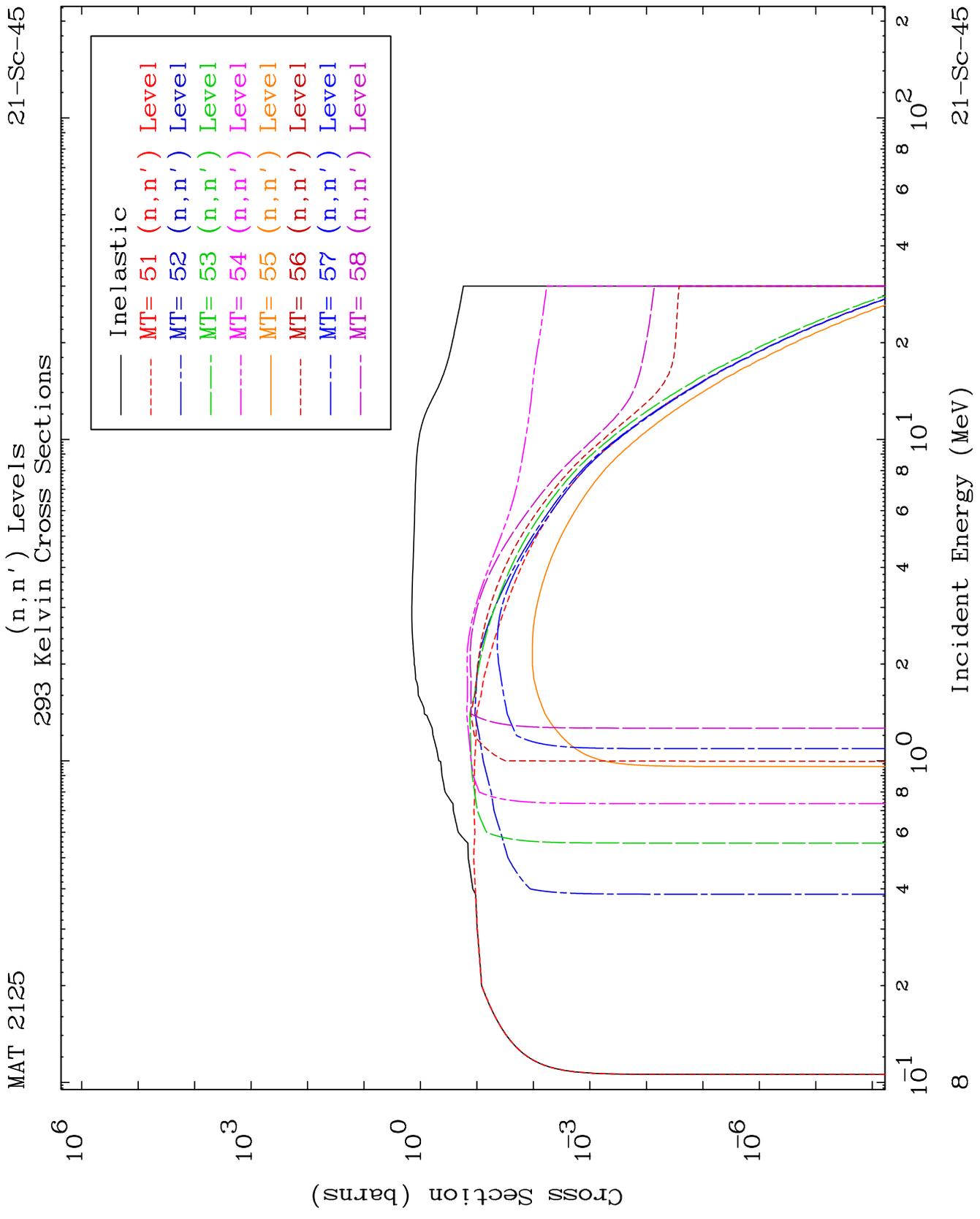


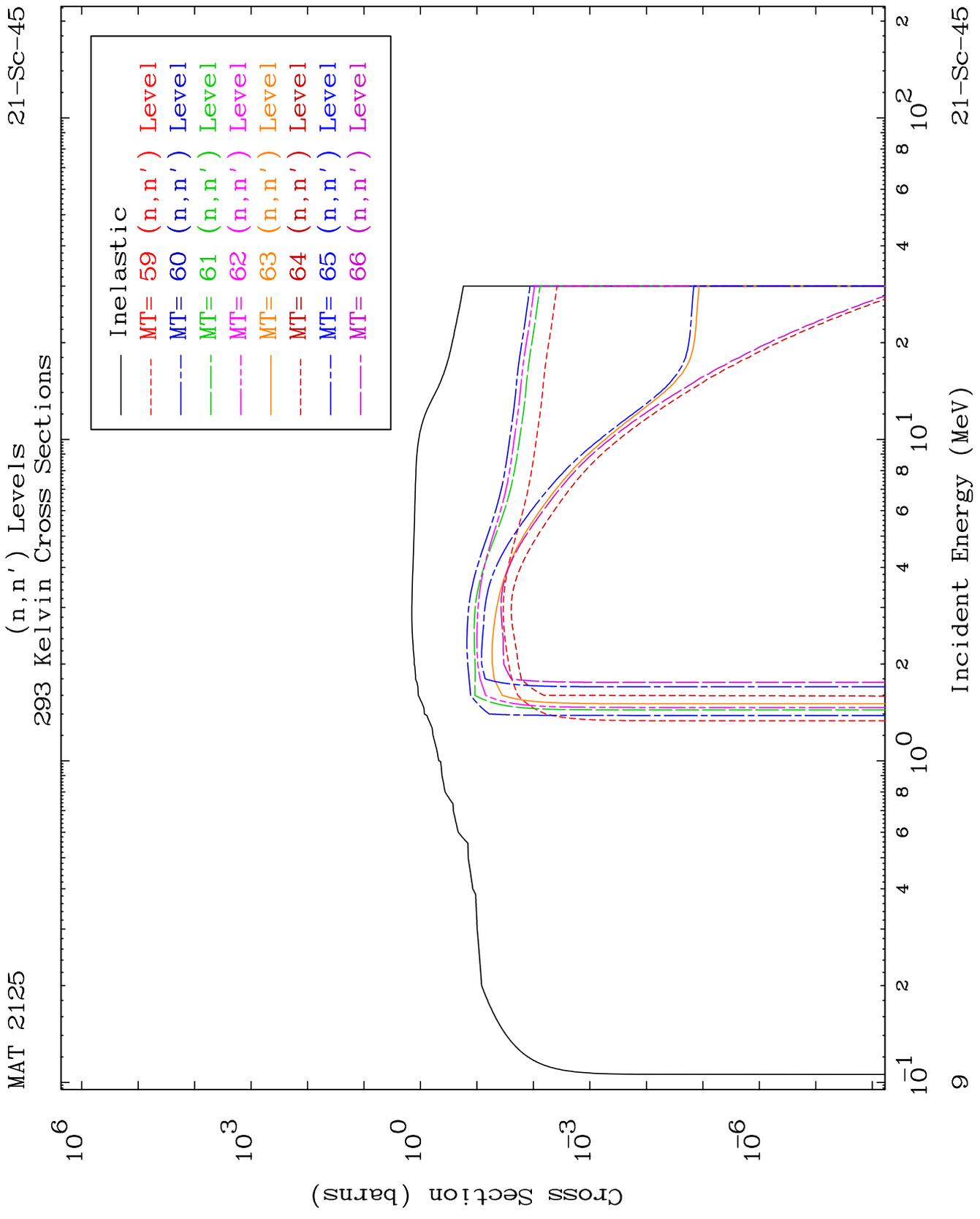
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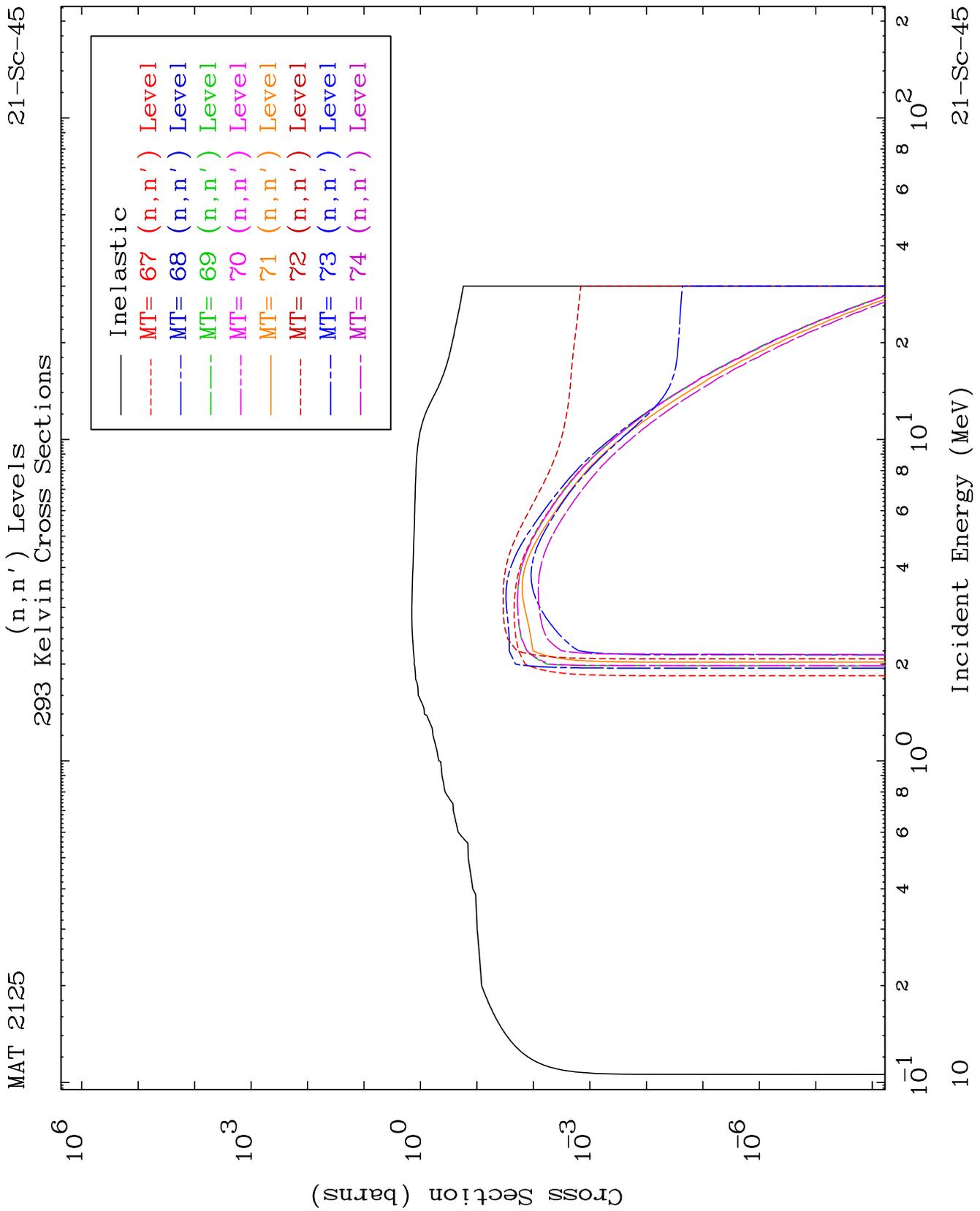
Particle Production
293 Kelvin Cross Sections

21-Sc-45





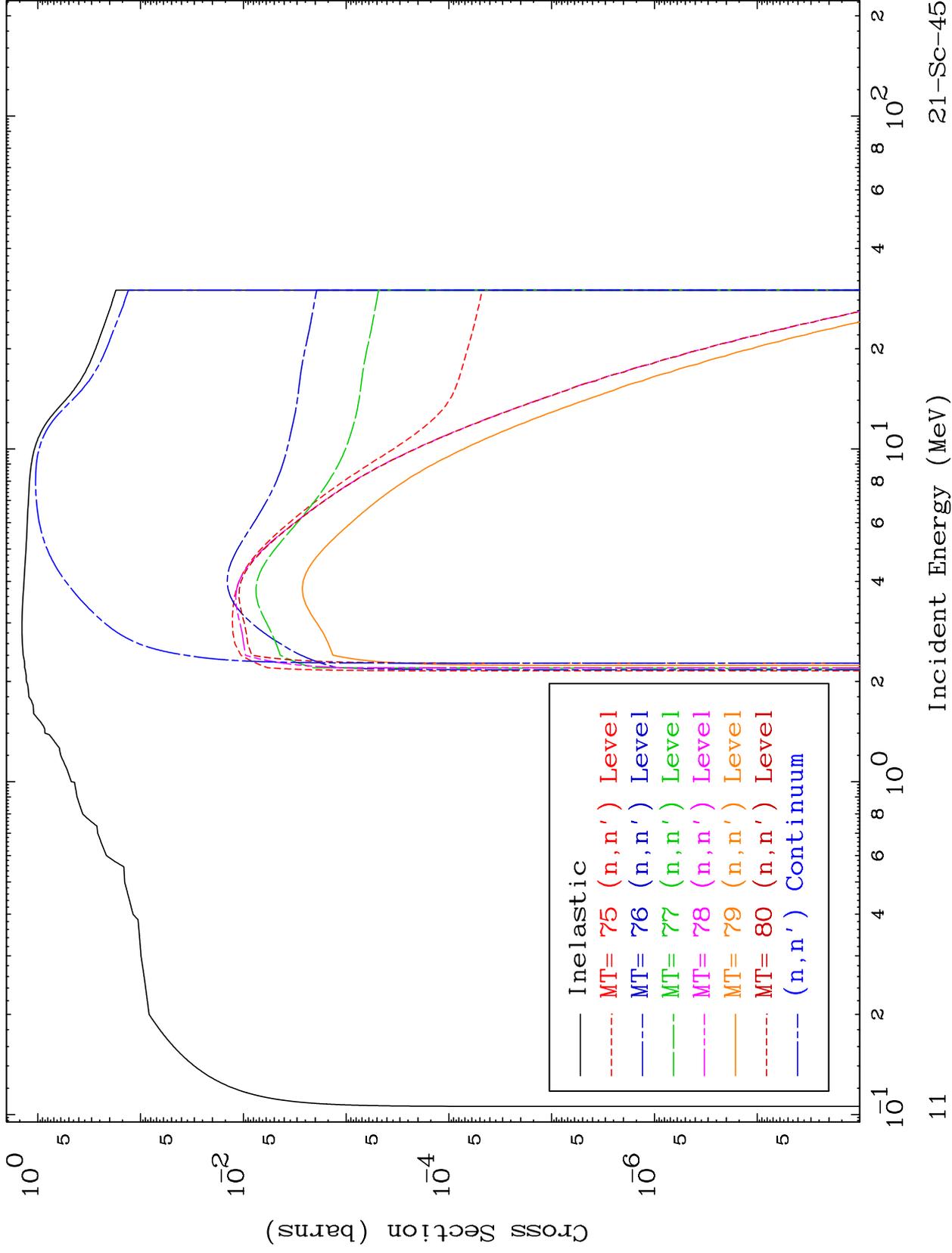


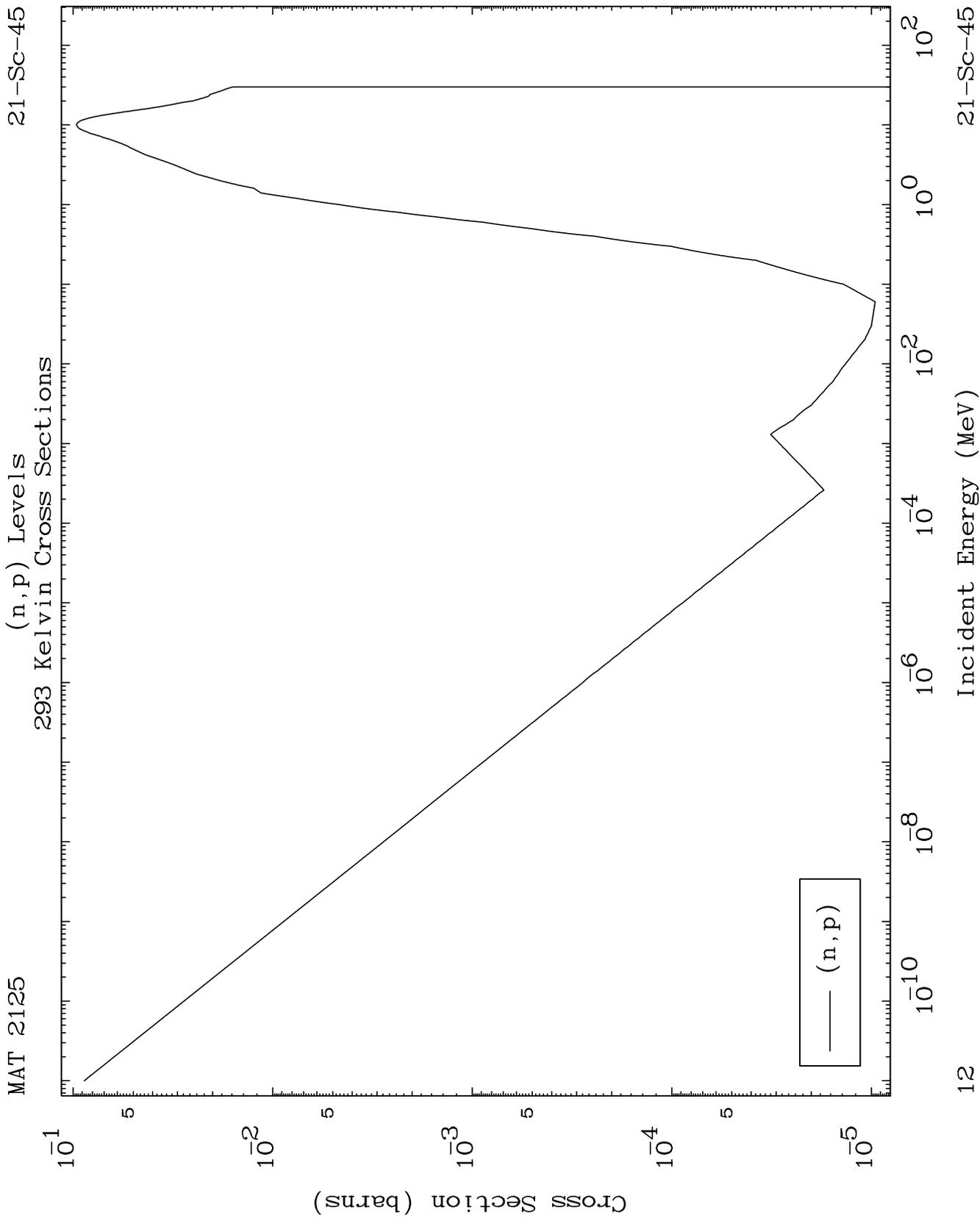


MAT 2125

(n,n') Levels
293 Kelvin Cross Sections

21-Sc-45

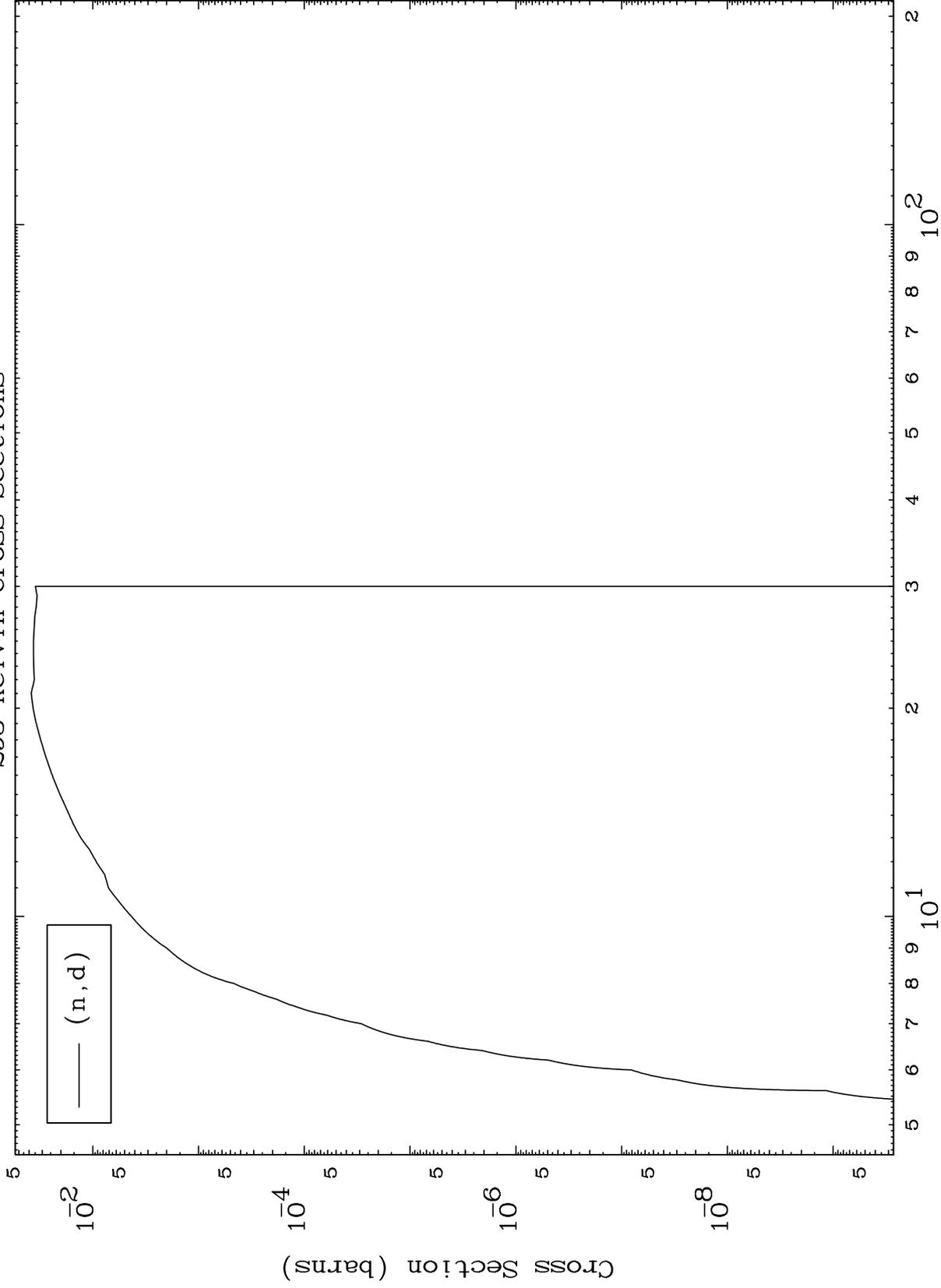




MAT 2125

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-45



13

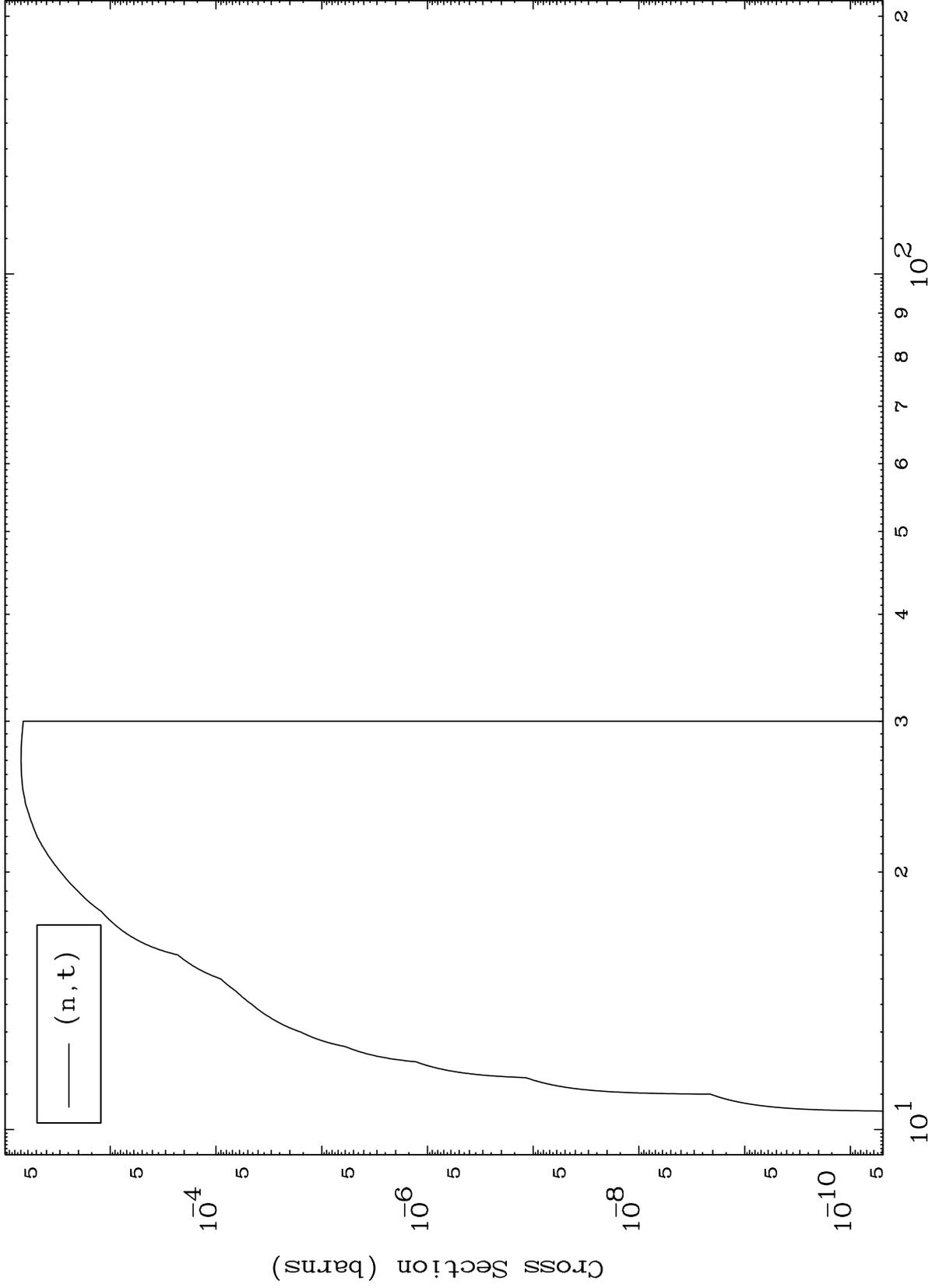
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-45



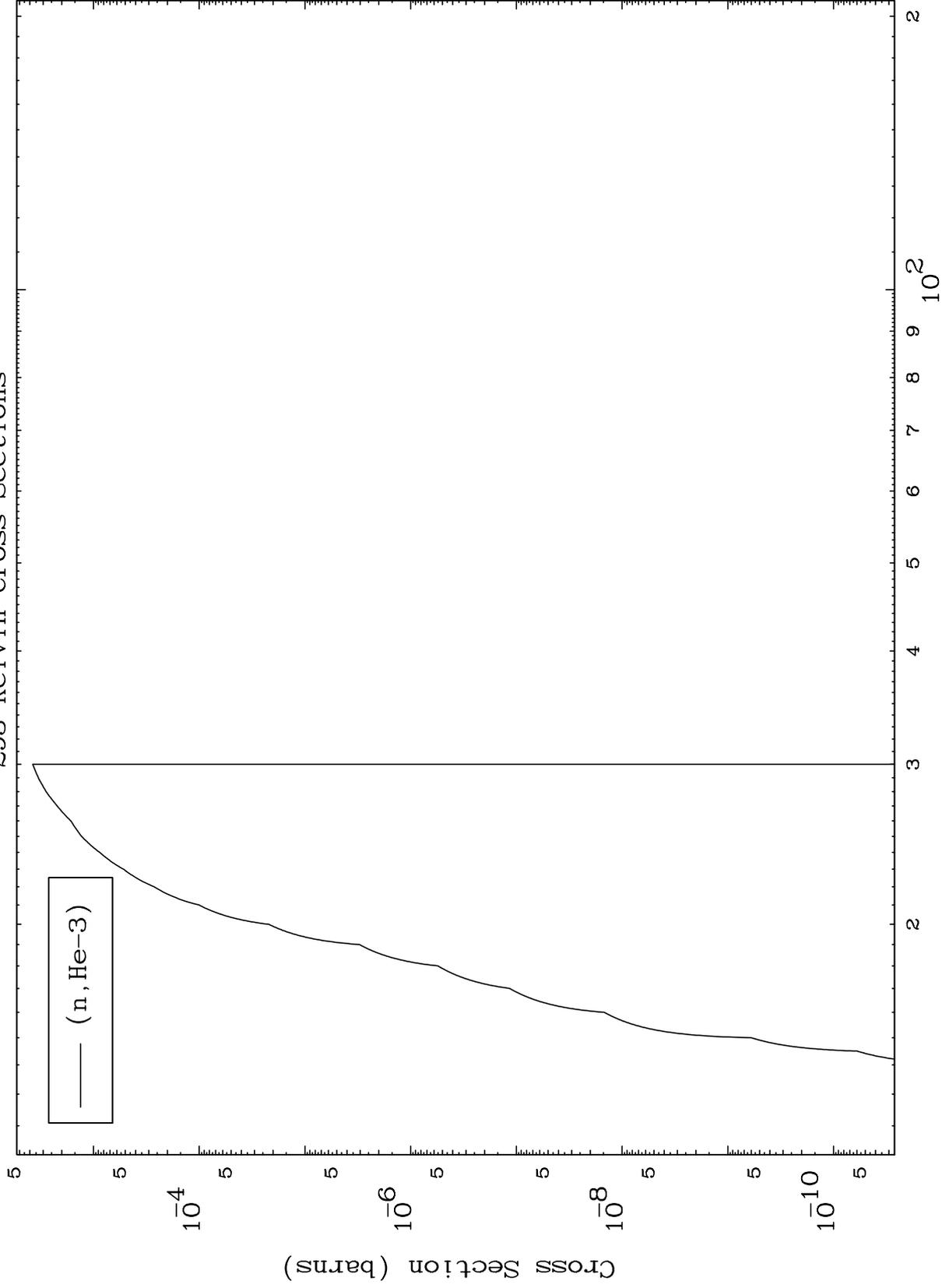
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-45



15

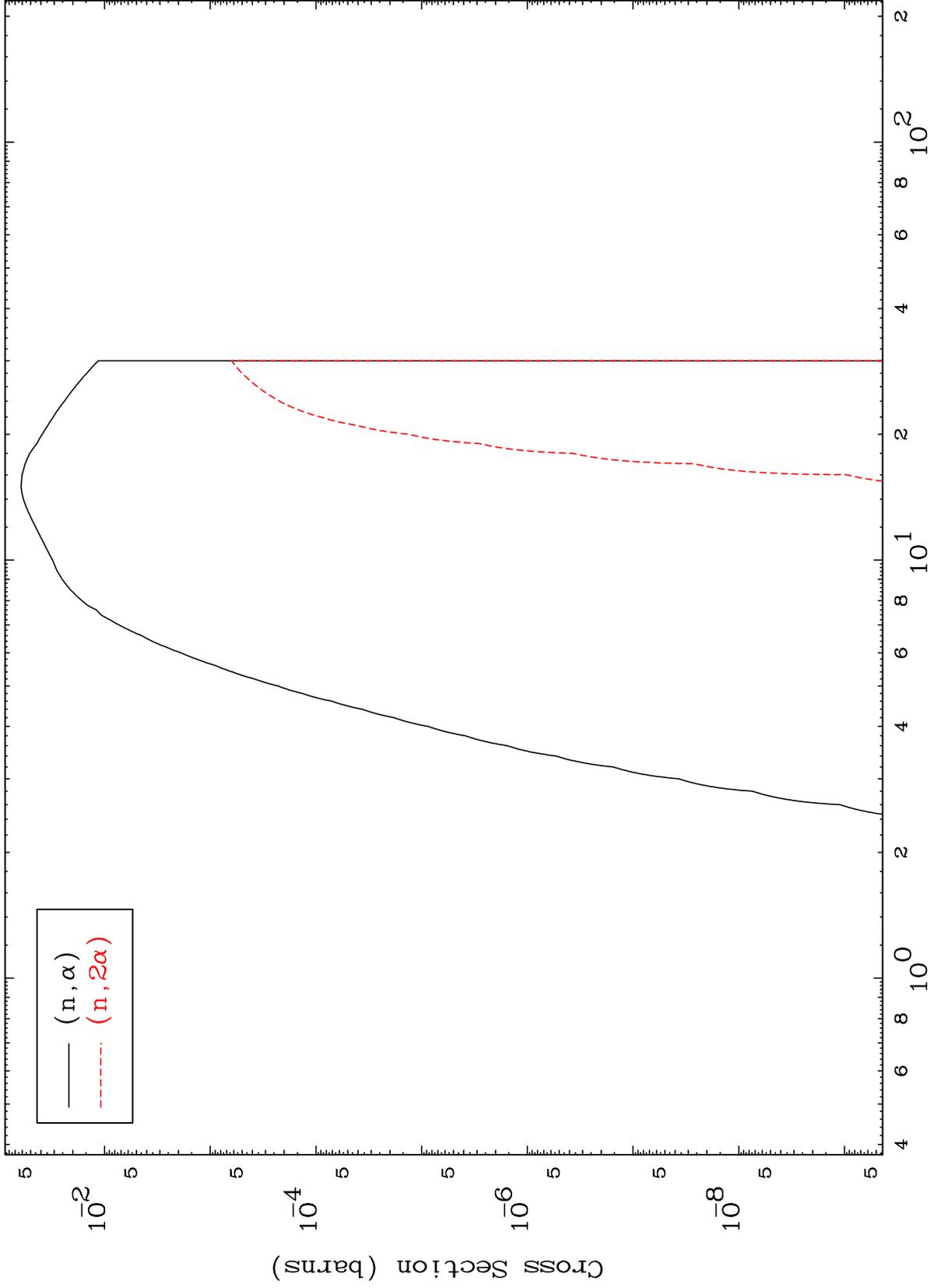
Incident Energy (MeV)

21-Sc-45

MAT 2125

(n, α) Levels
293 Kelvin Cross Sections

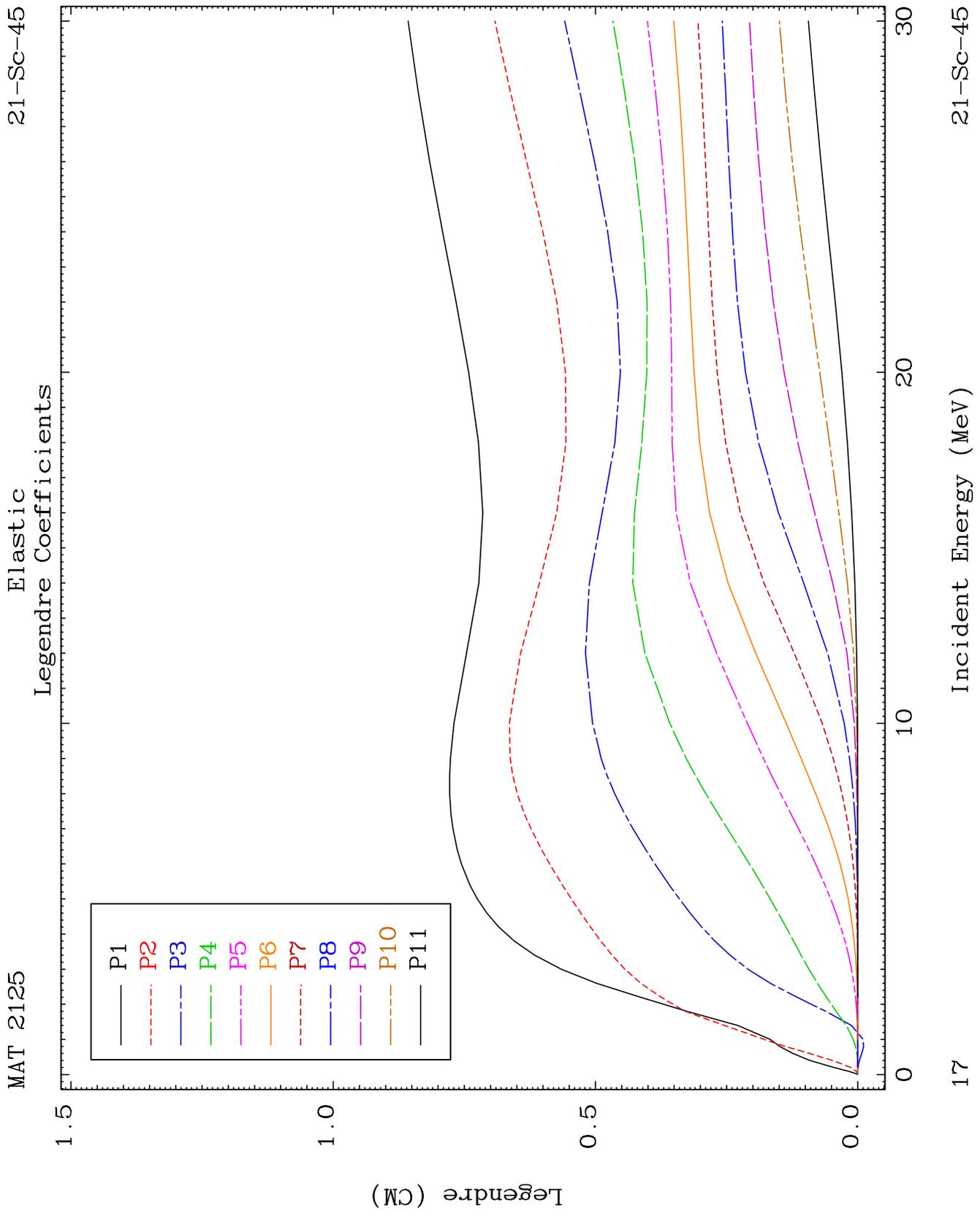
21-Sc-45



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Incident Energy (MeV)

21-Sc-45



MAT 2125

Elastic Legendre Coefficients

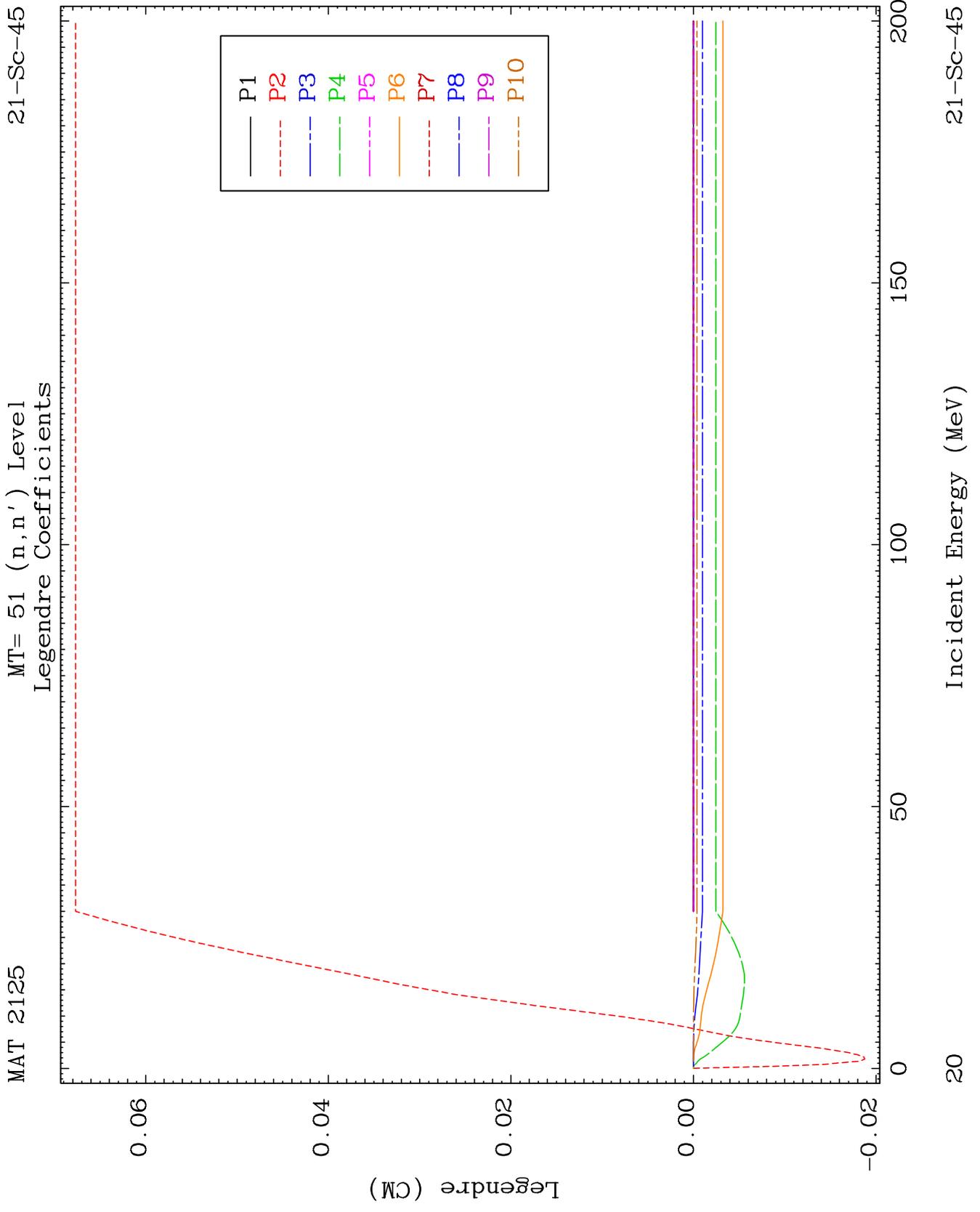
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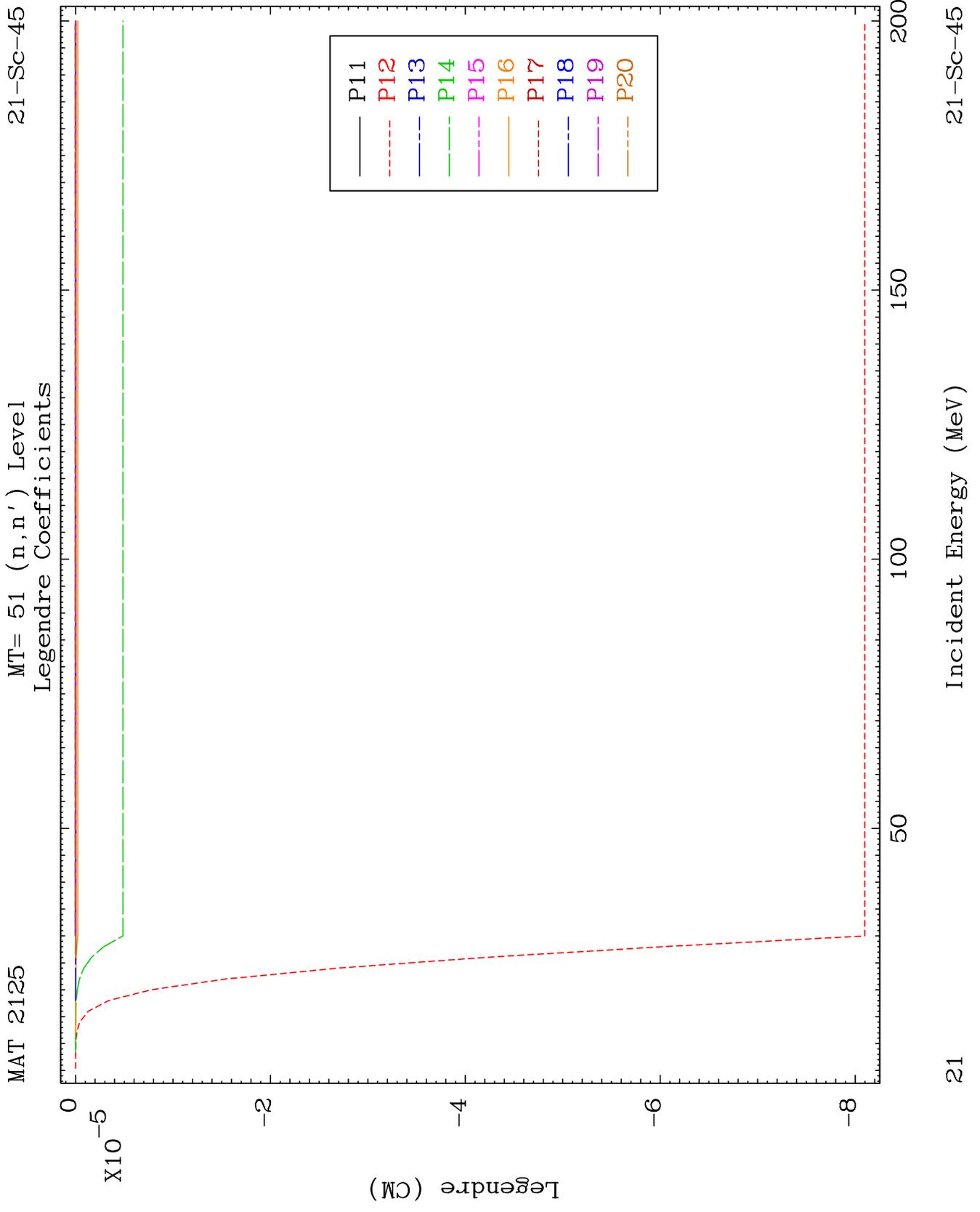


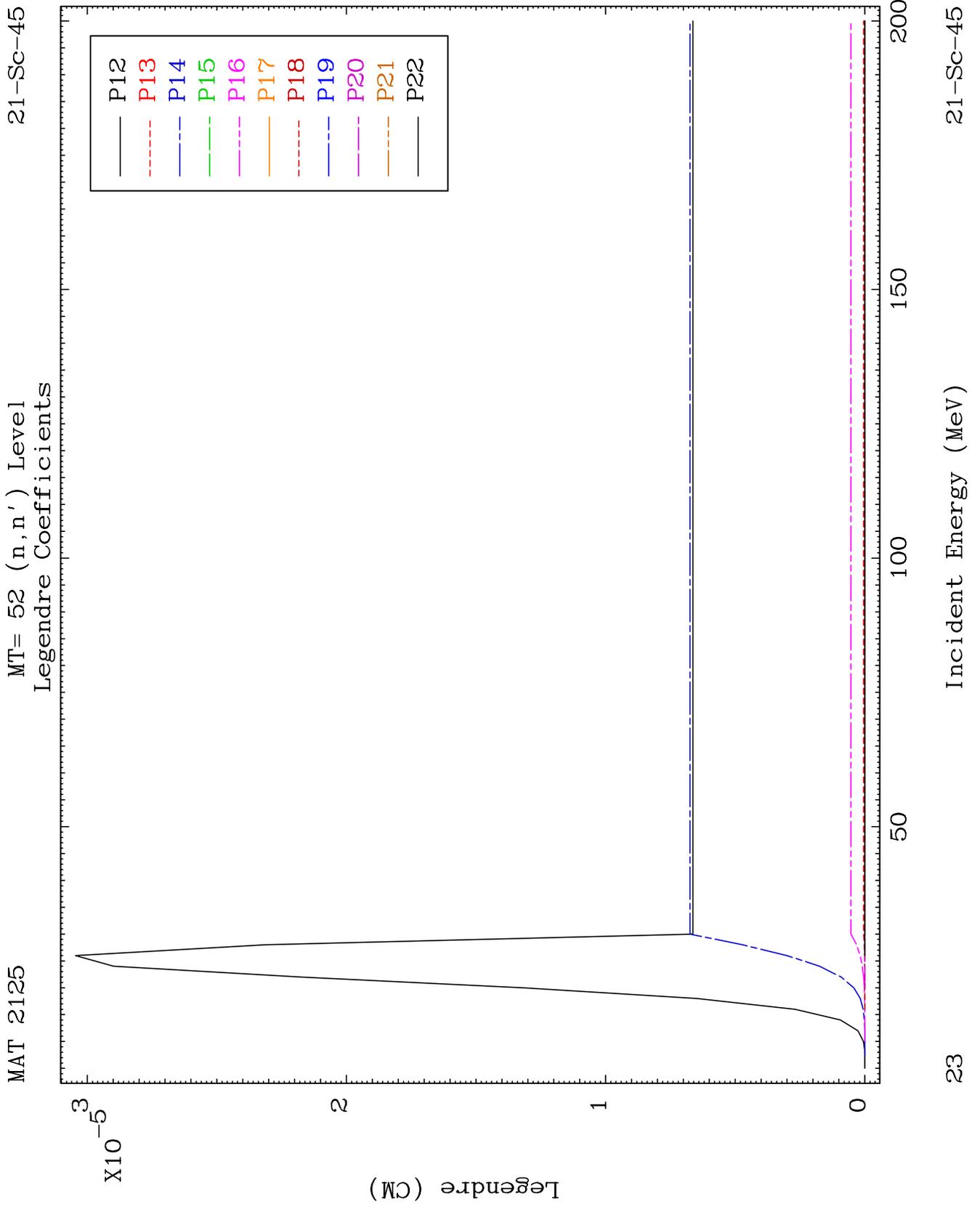
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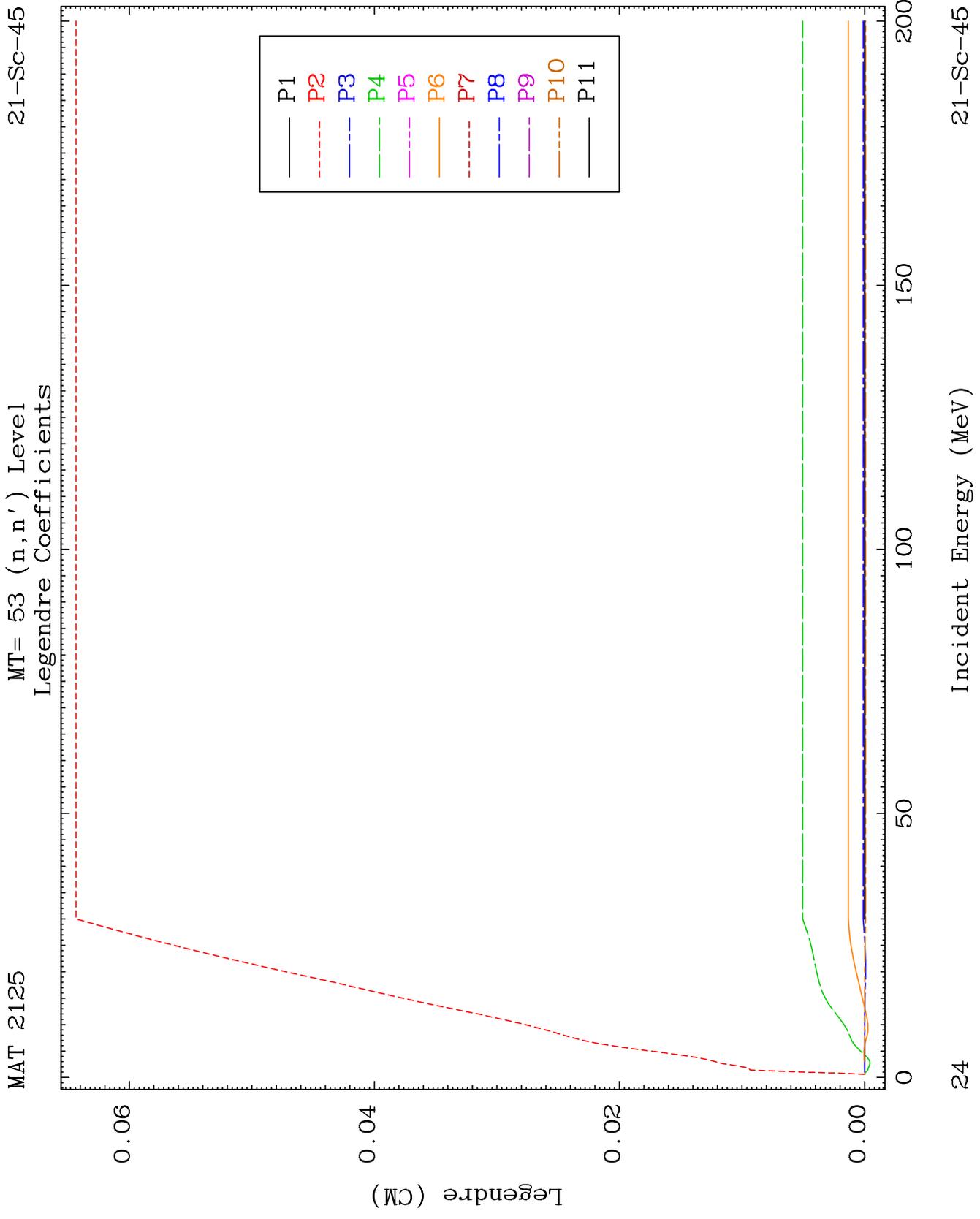
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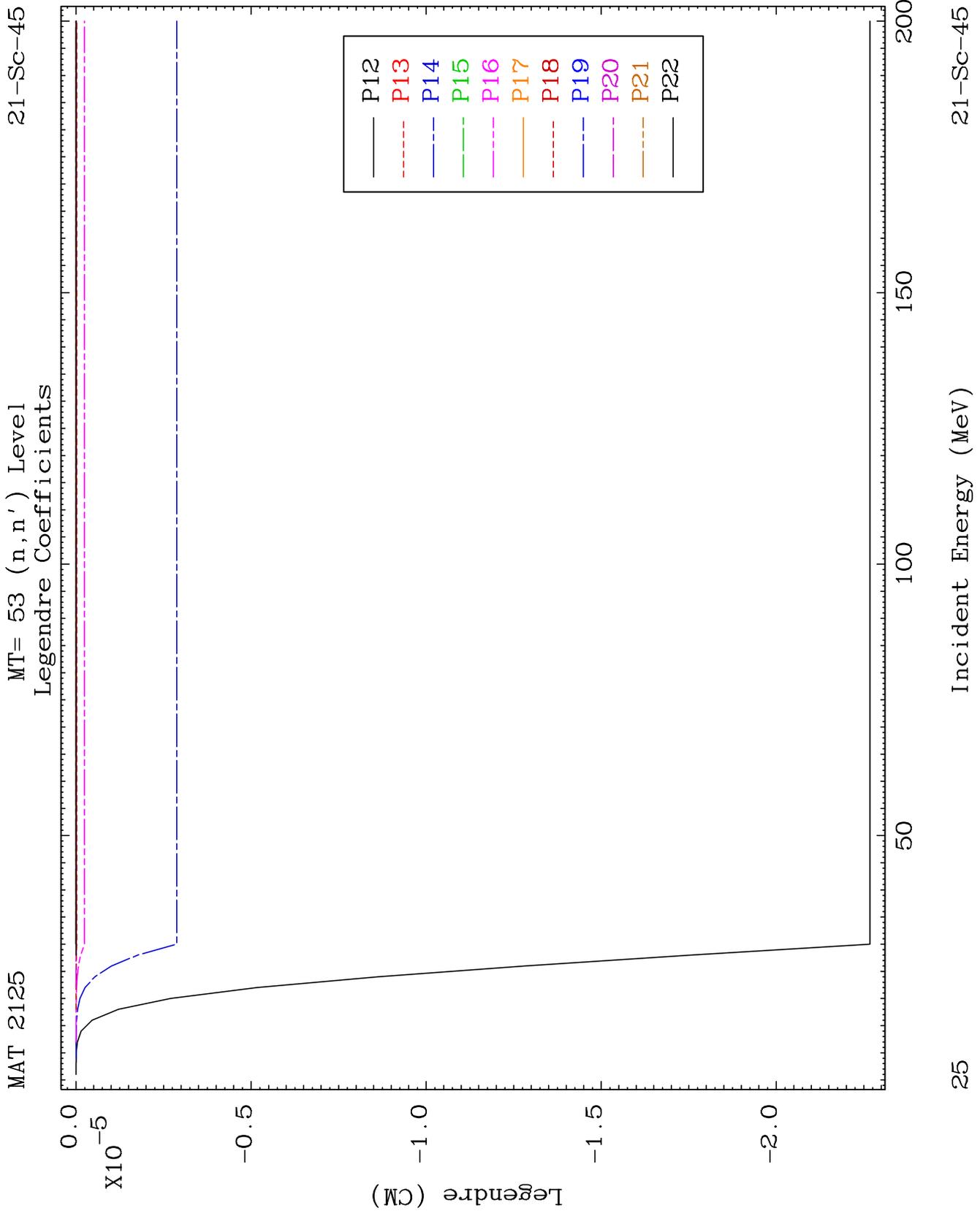
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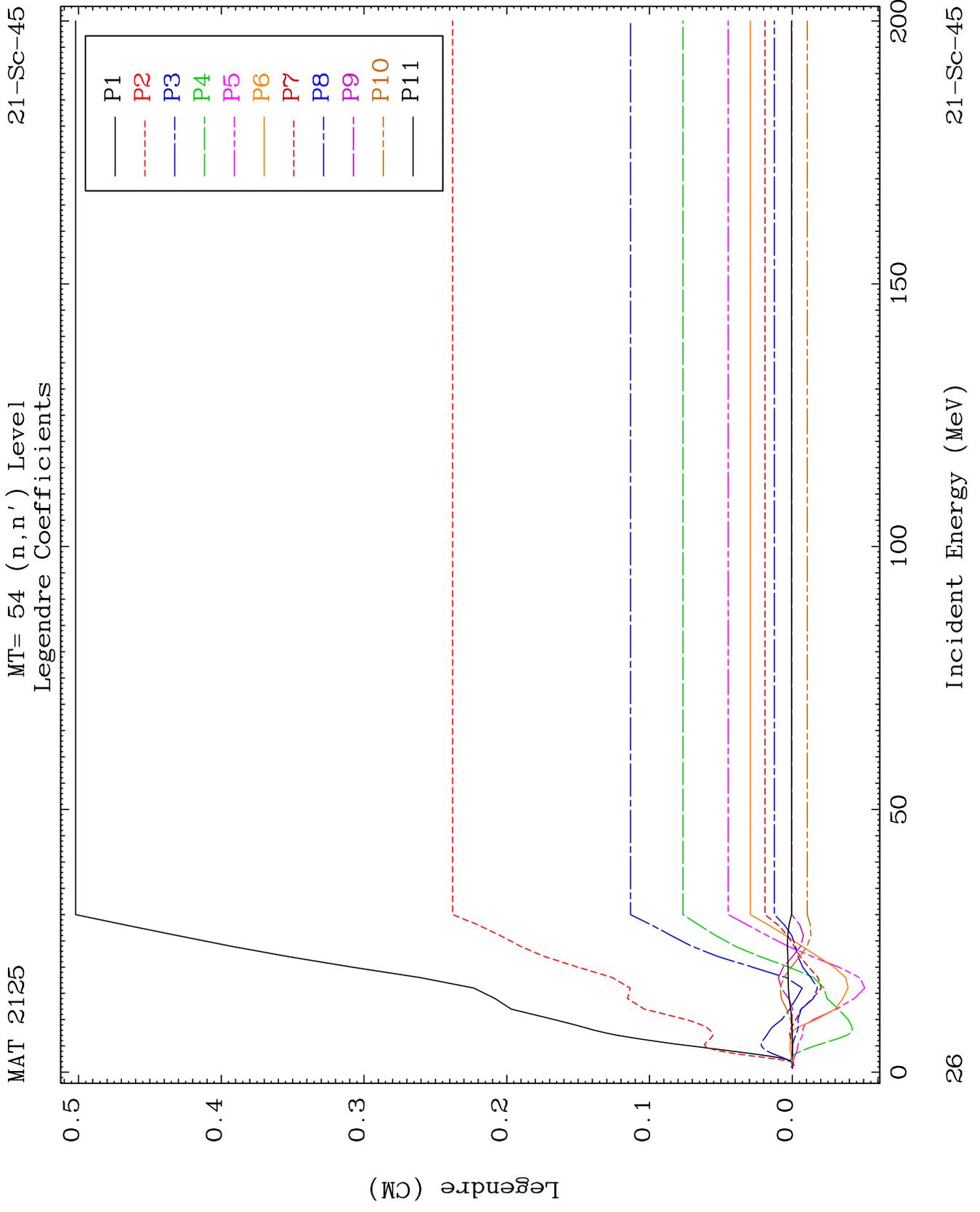








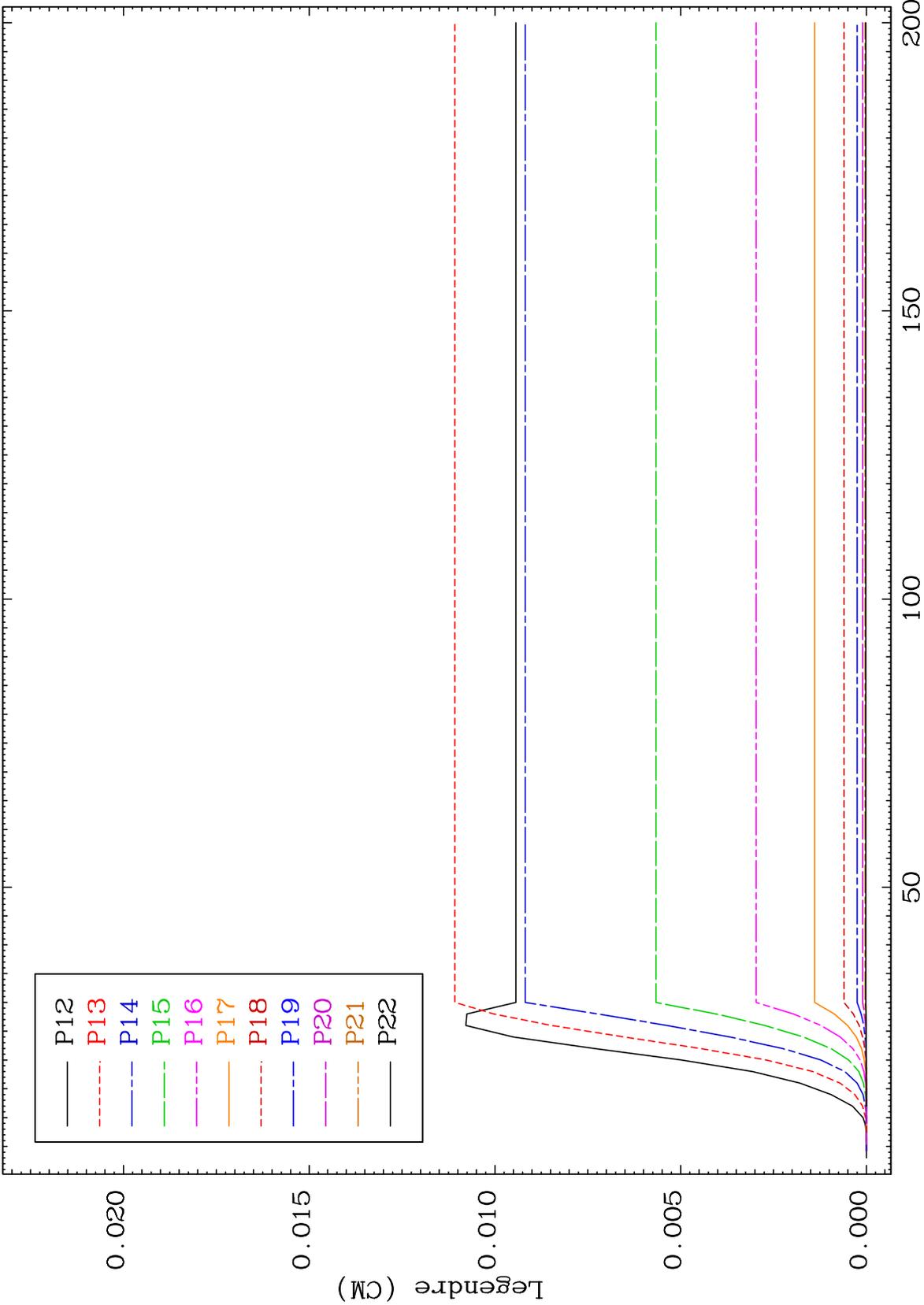




MAT 2125

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

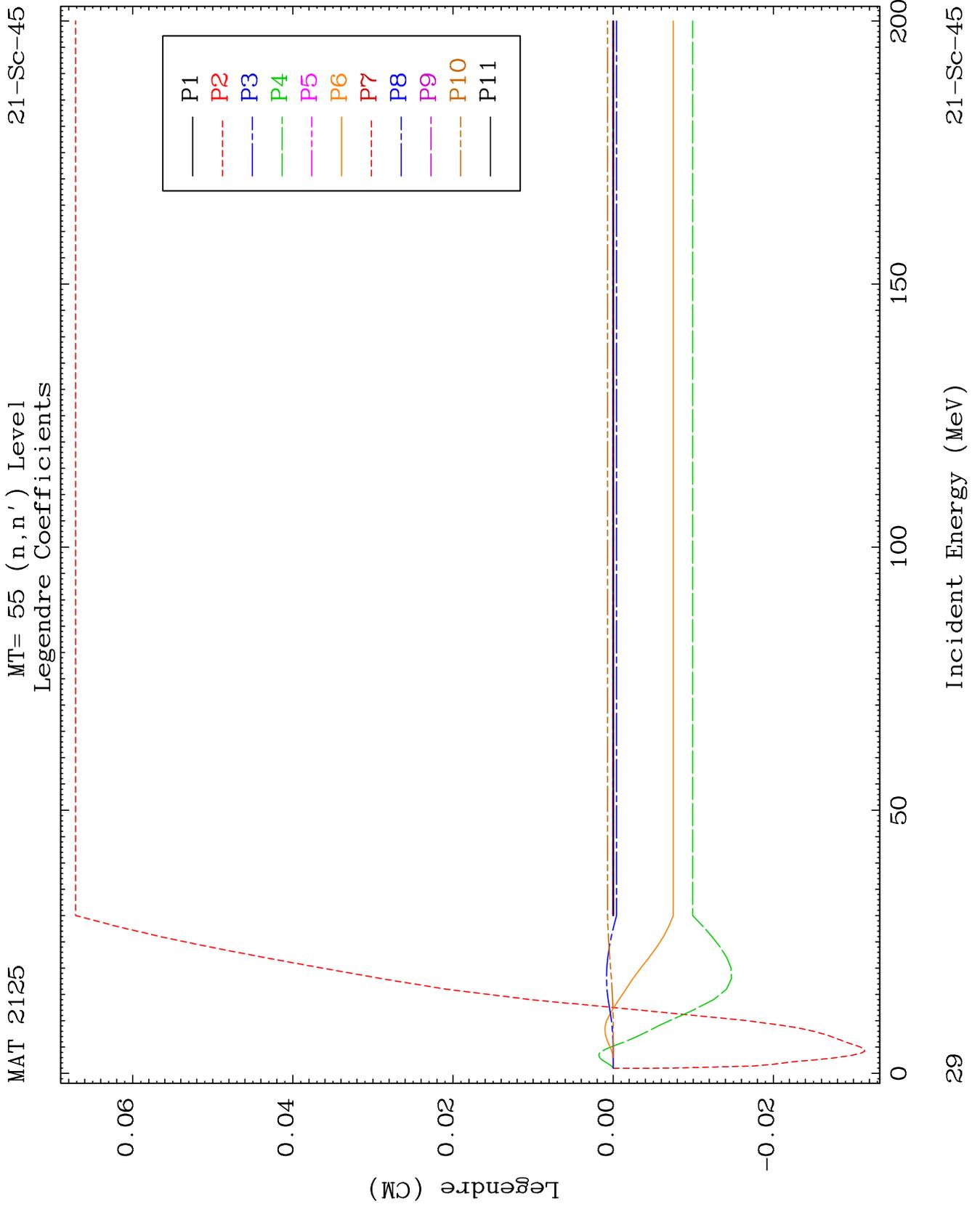
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Incident Energy (MeV)

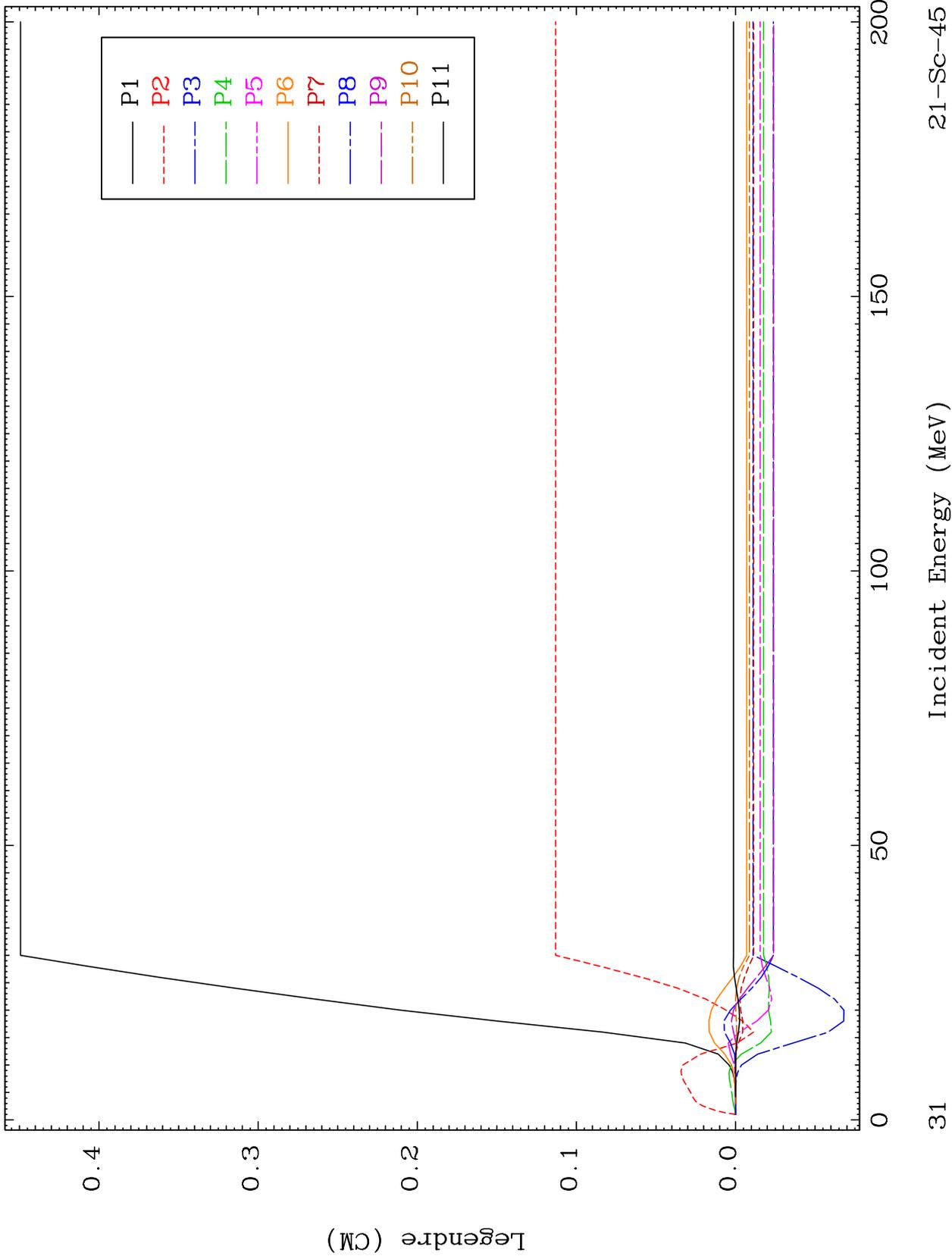
21-Sc-45



MAT 2125

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

21-Sc-45



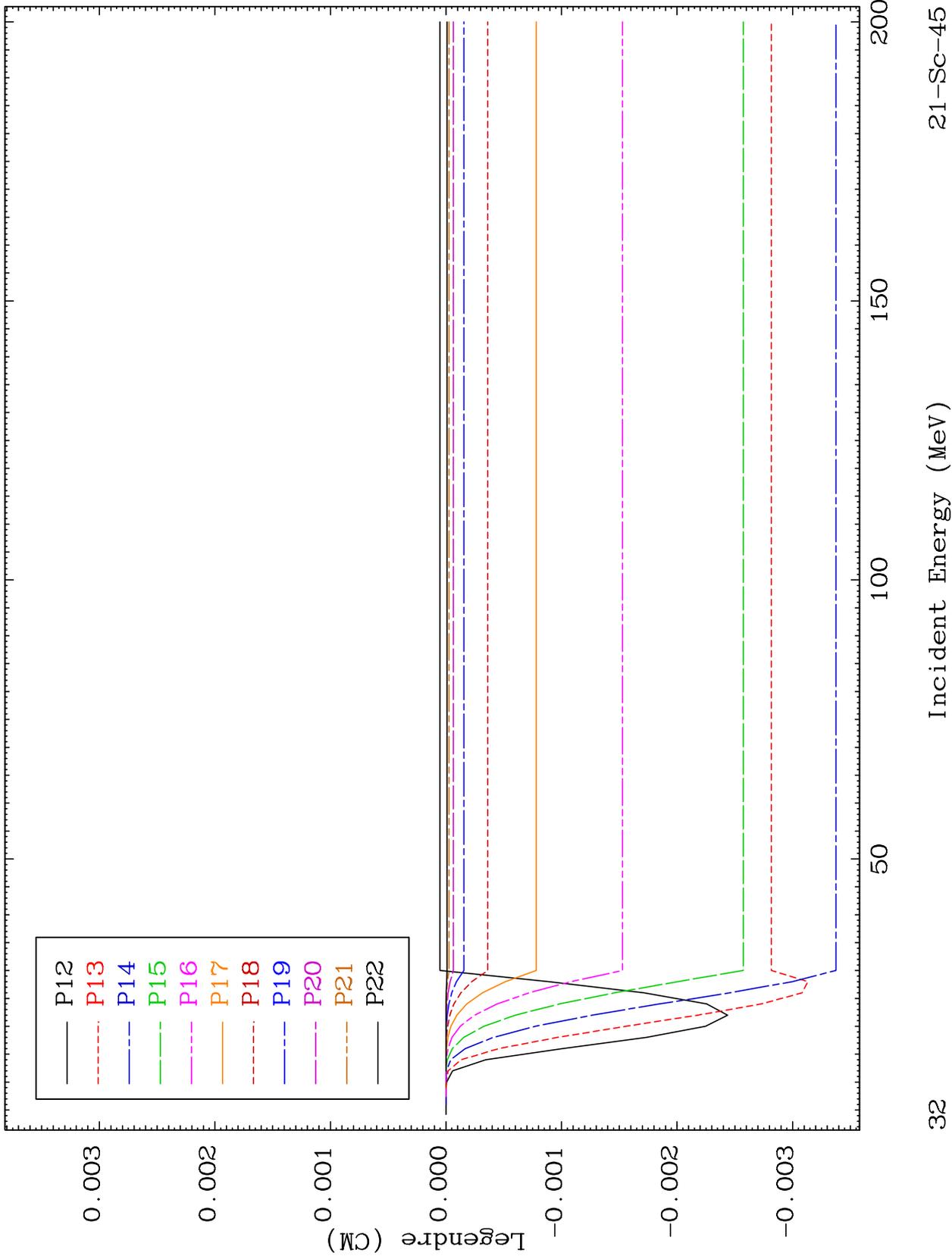
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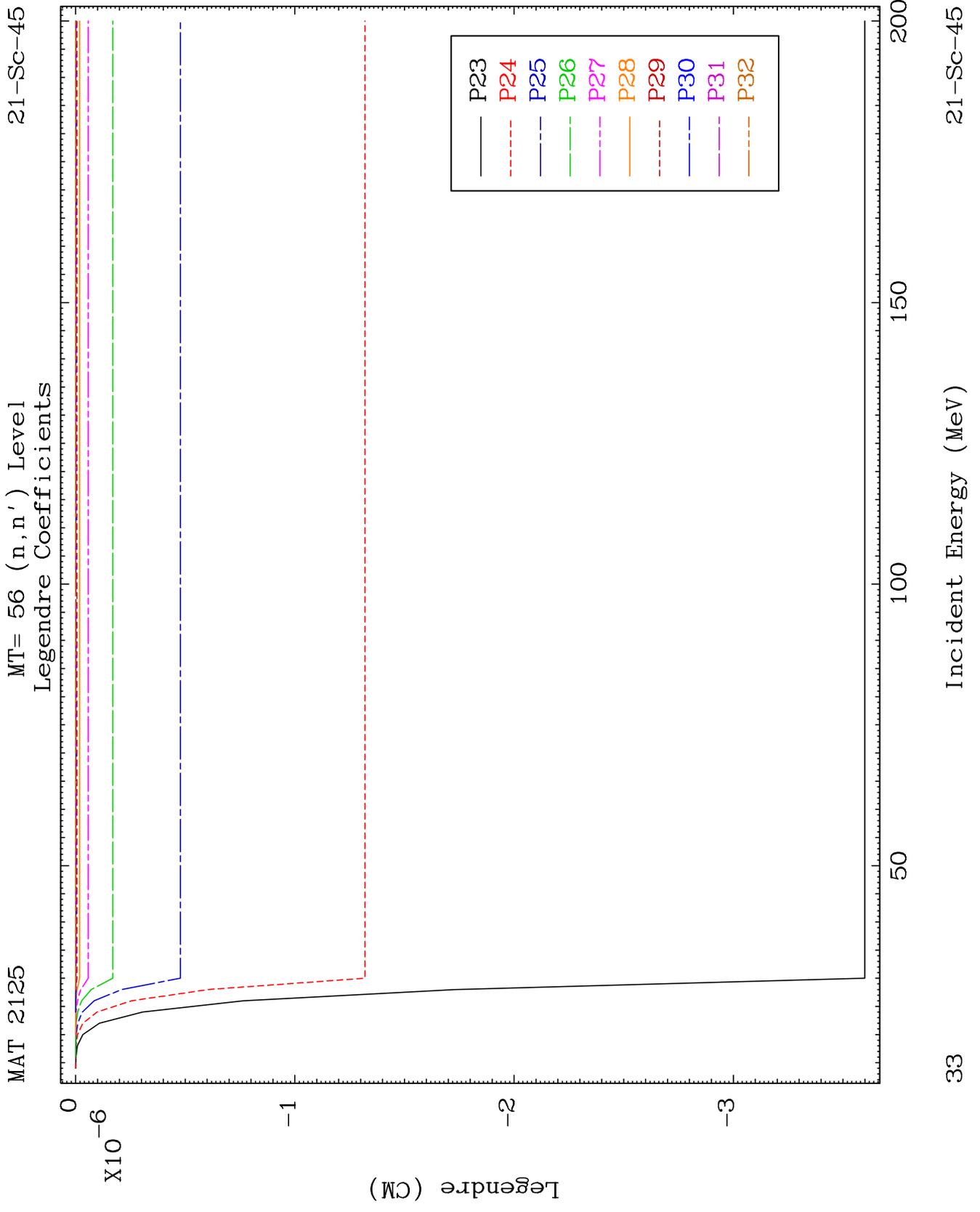
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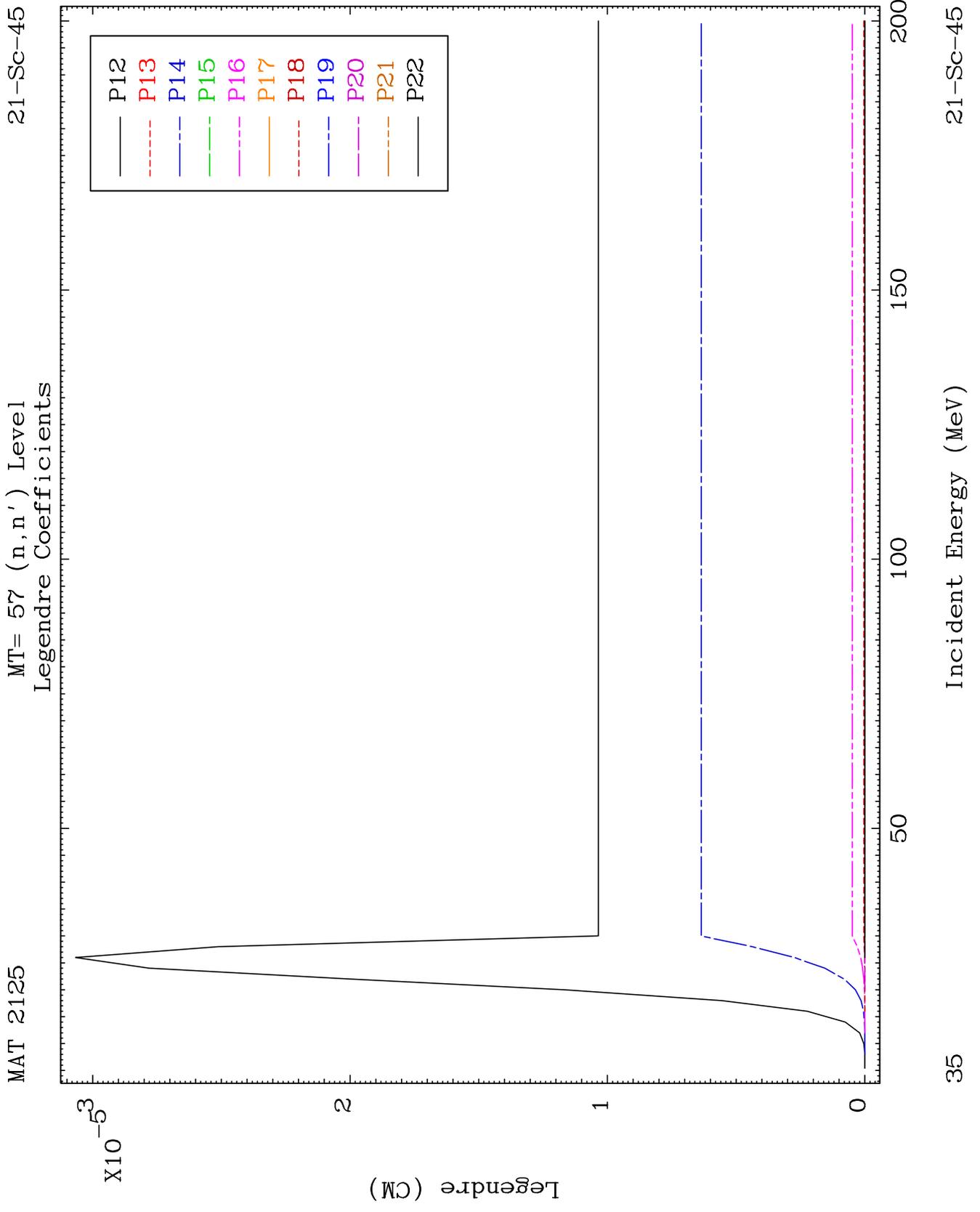
MAT 2125

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

21-Sc-45



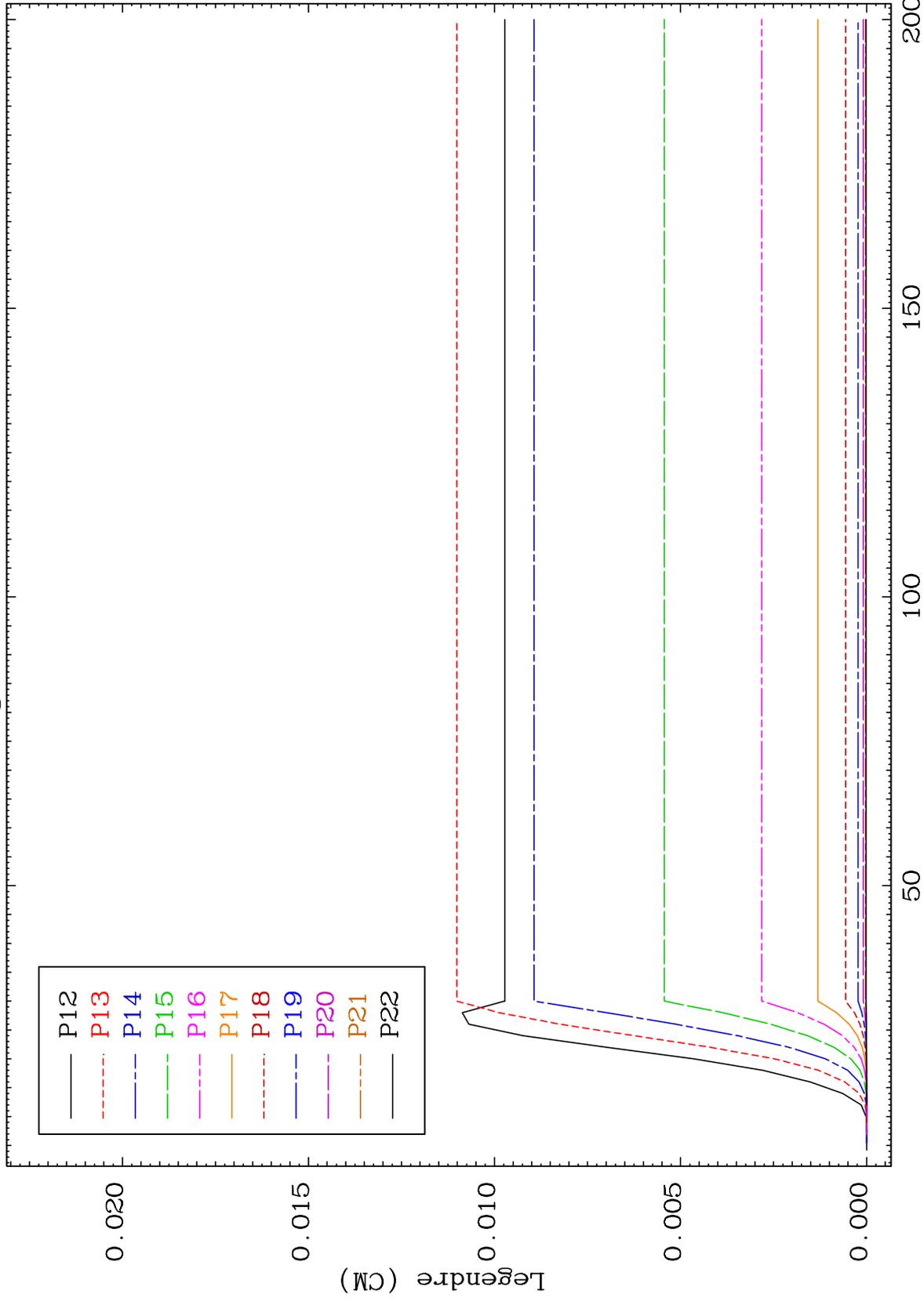




MAT 2125

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

21-Sc-45



37

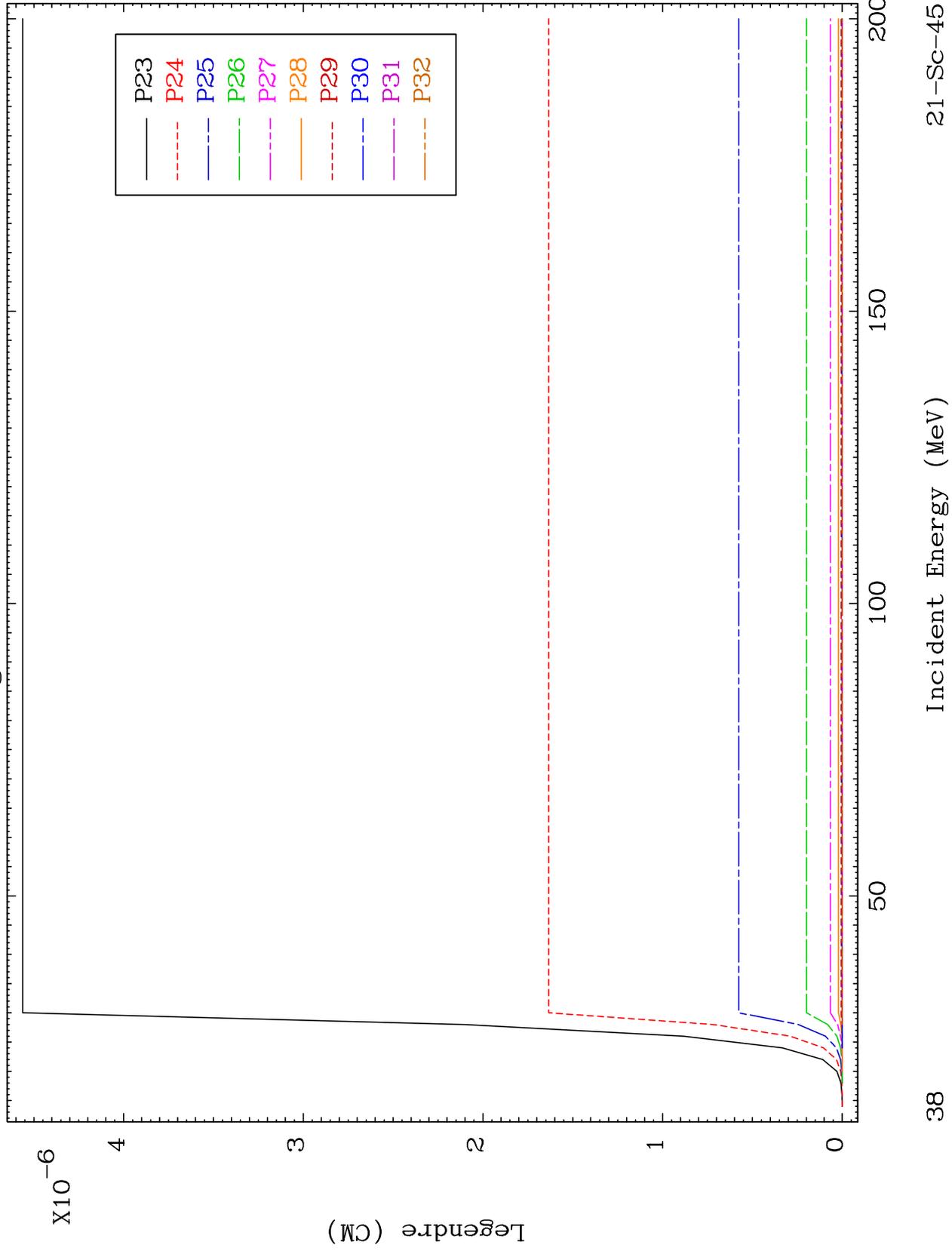
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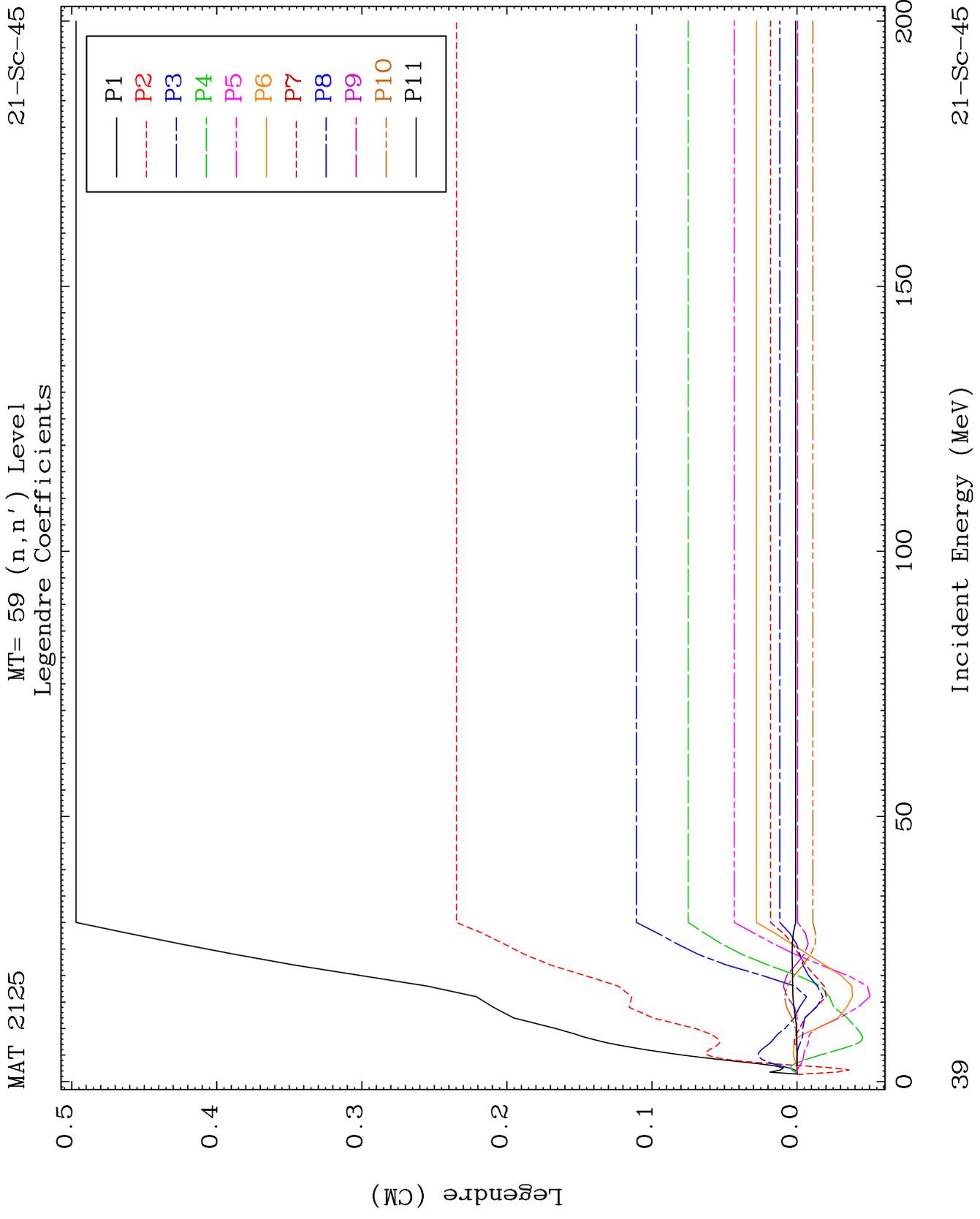
21-Sc-45

MAT 2125

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

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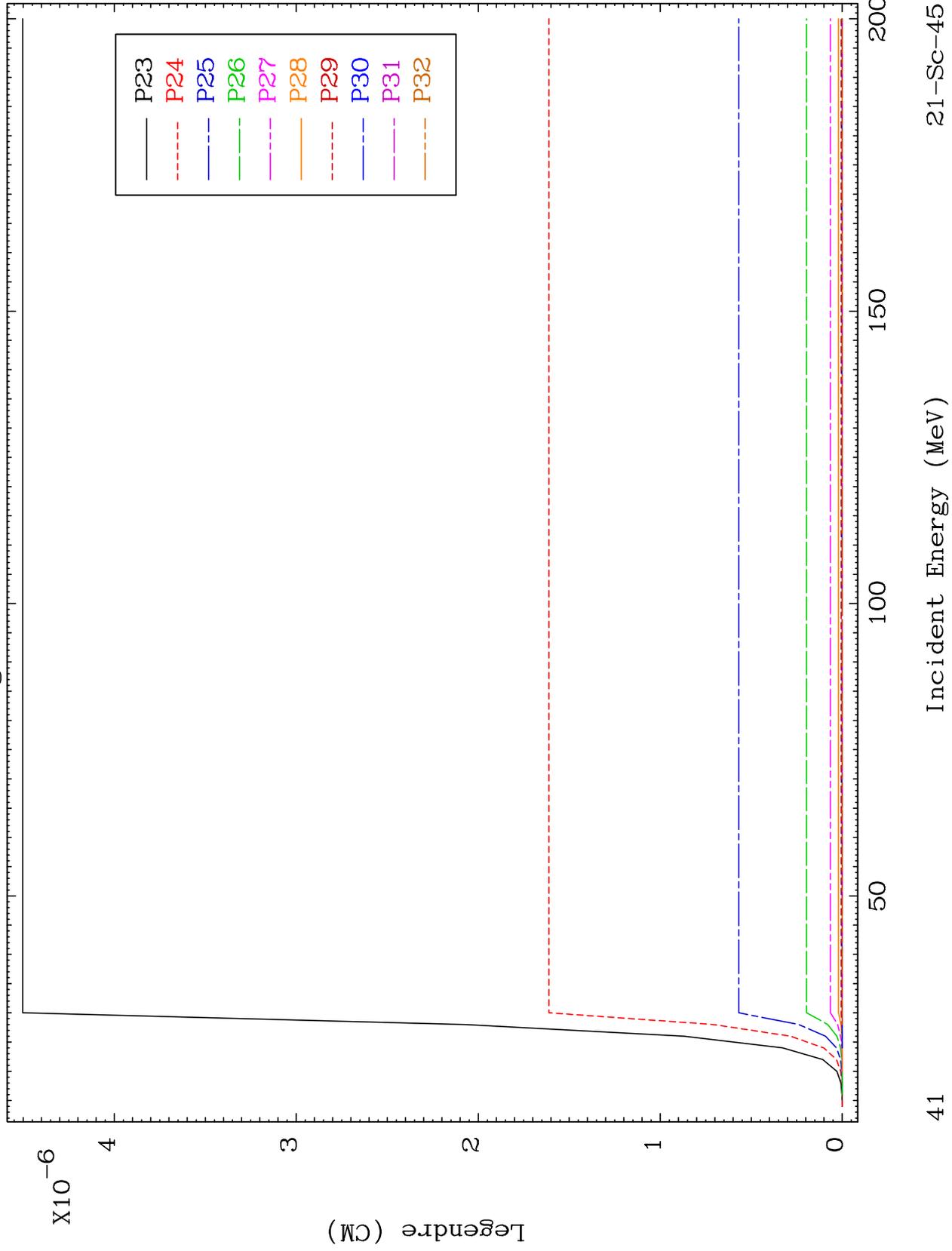


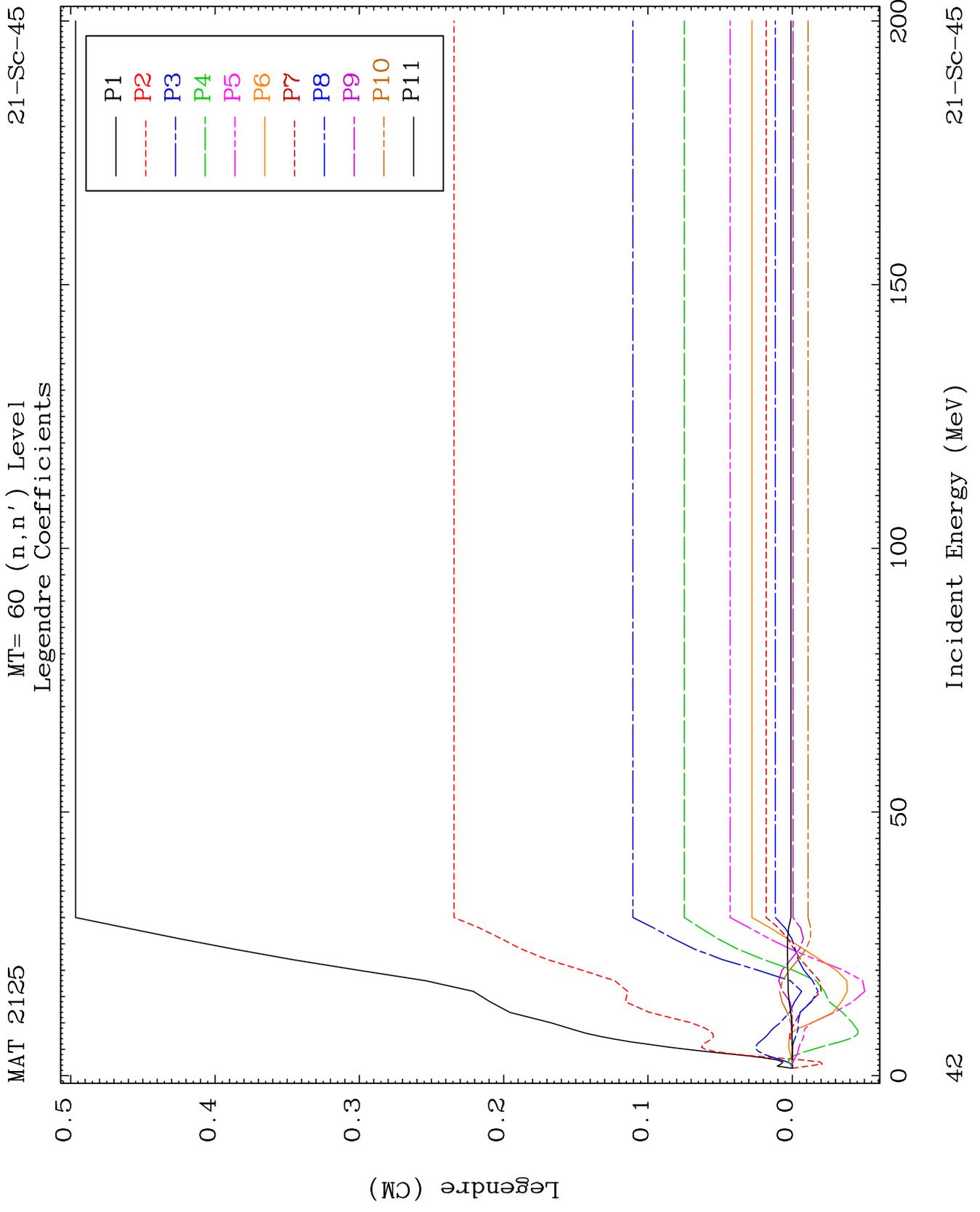


MAT 2125

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

21-Sc-45

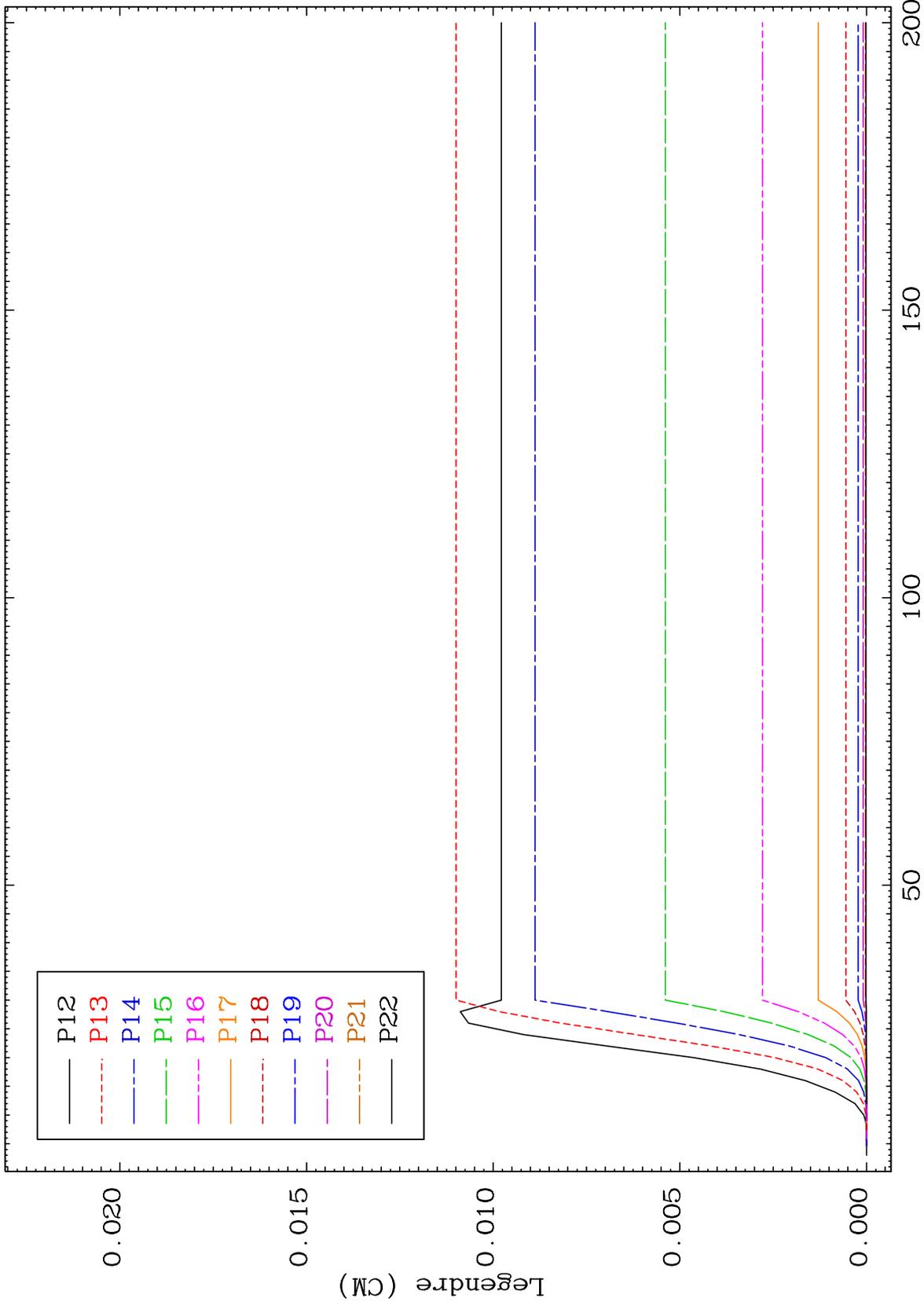




MAT 2125

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

21-Sc-45



43

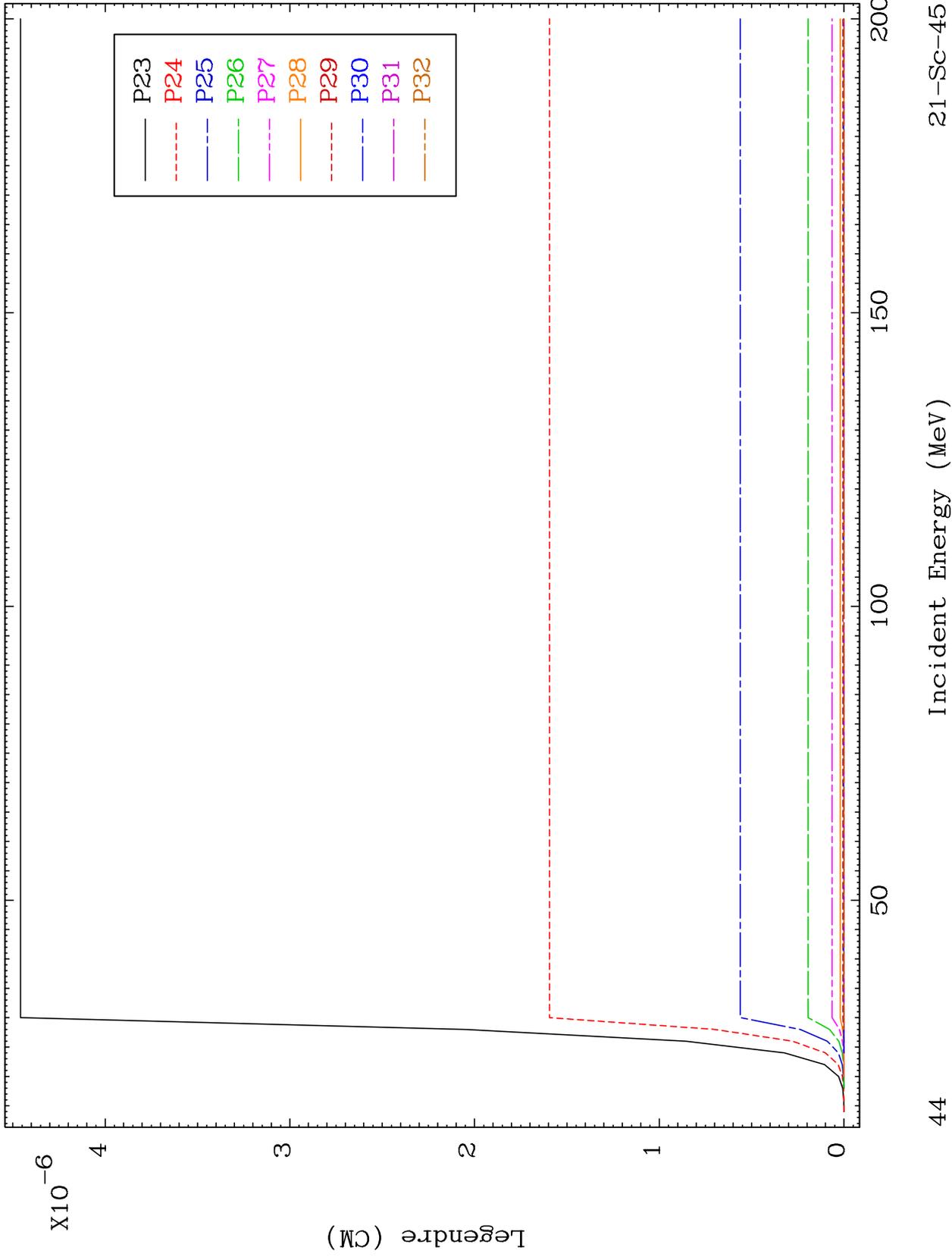
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



44

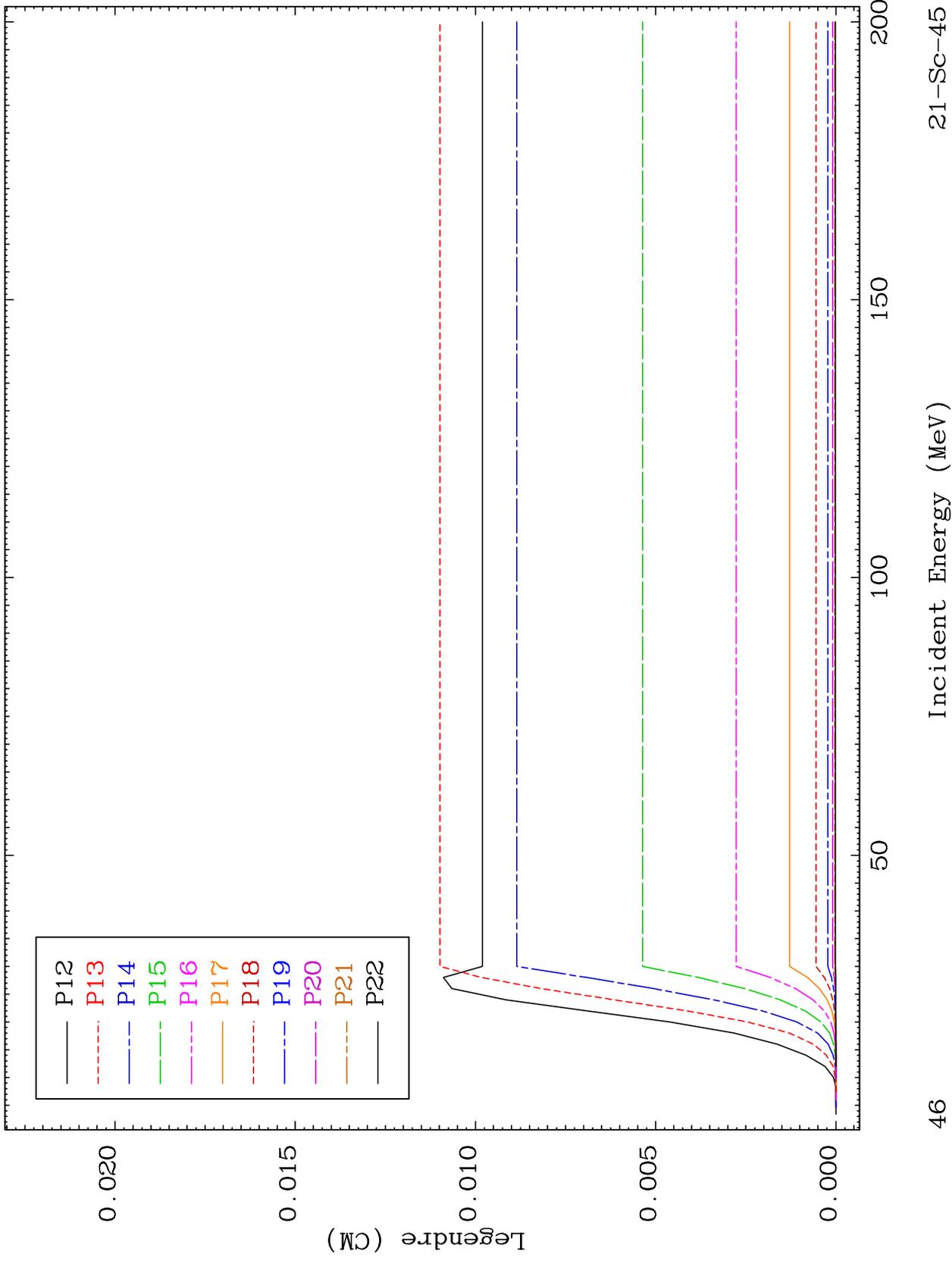
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



46

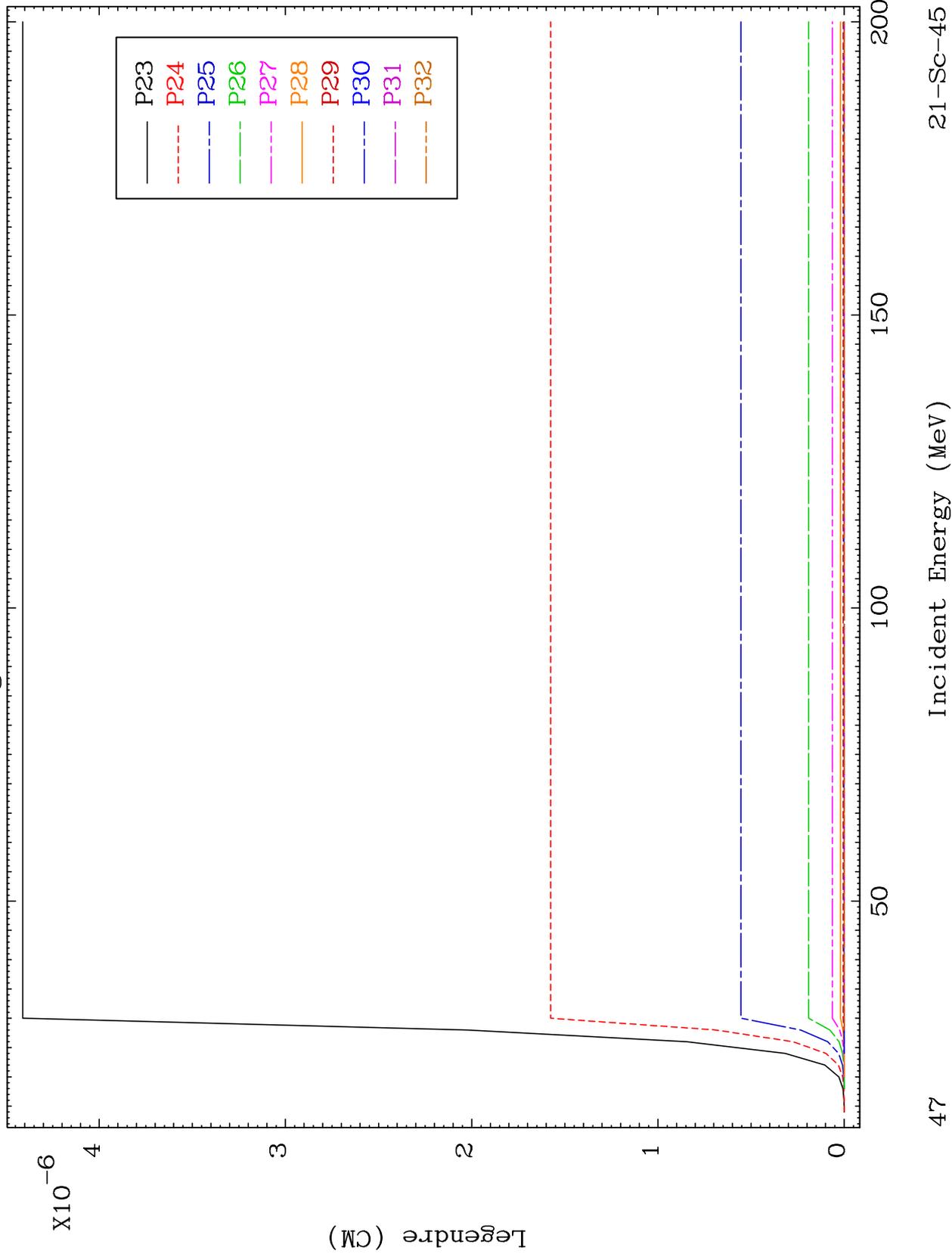
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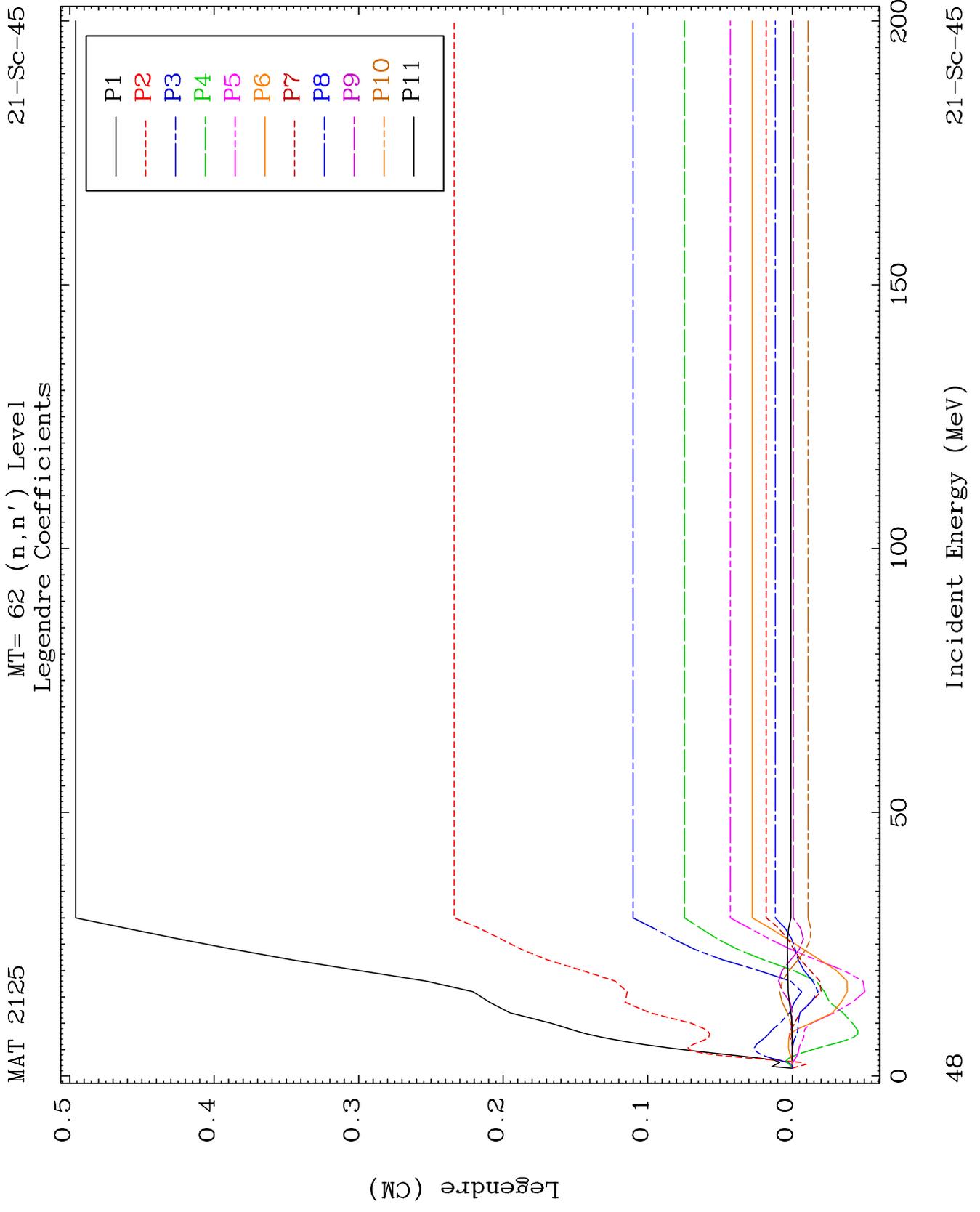
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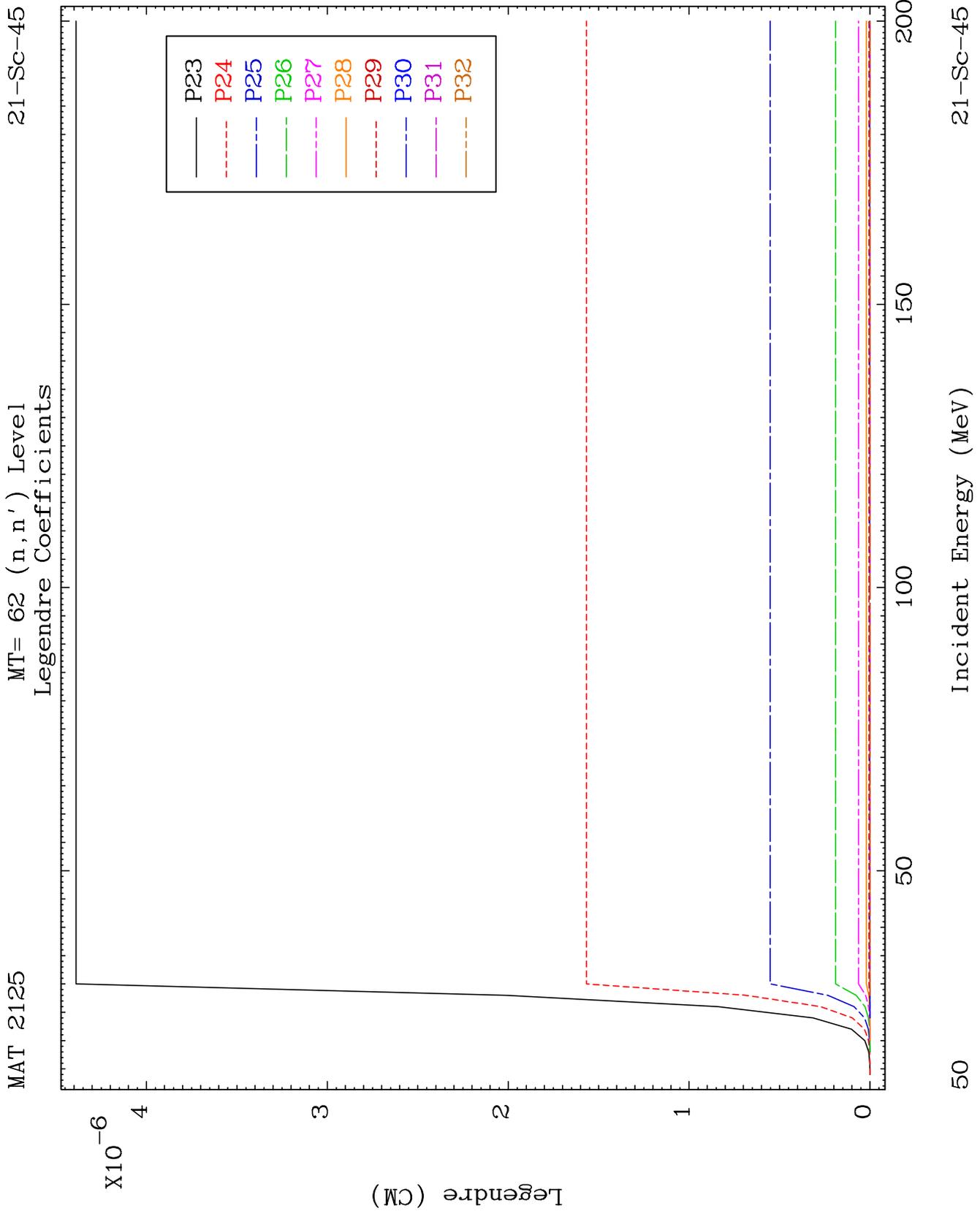
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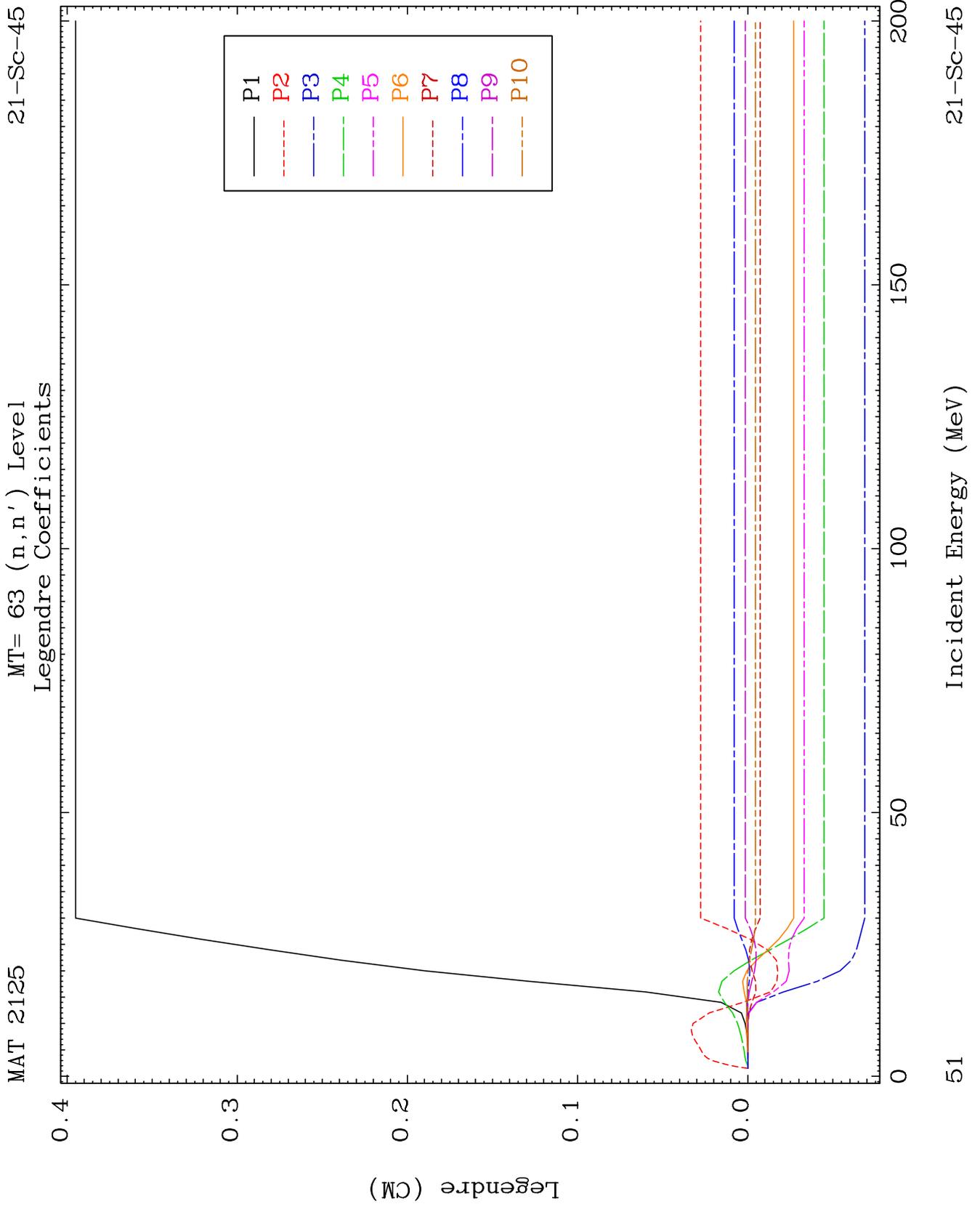
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Legendre Coefficients

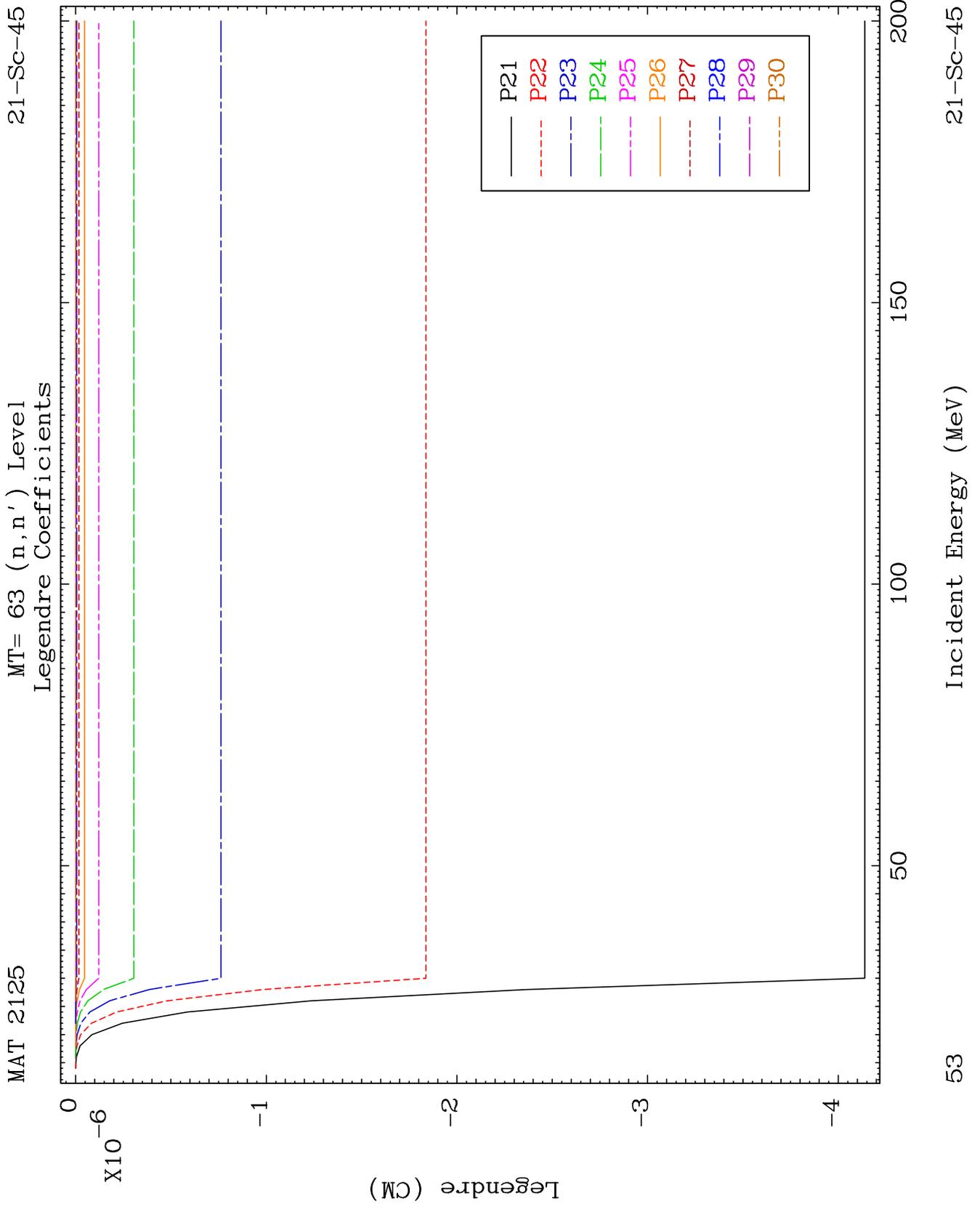
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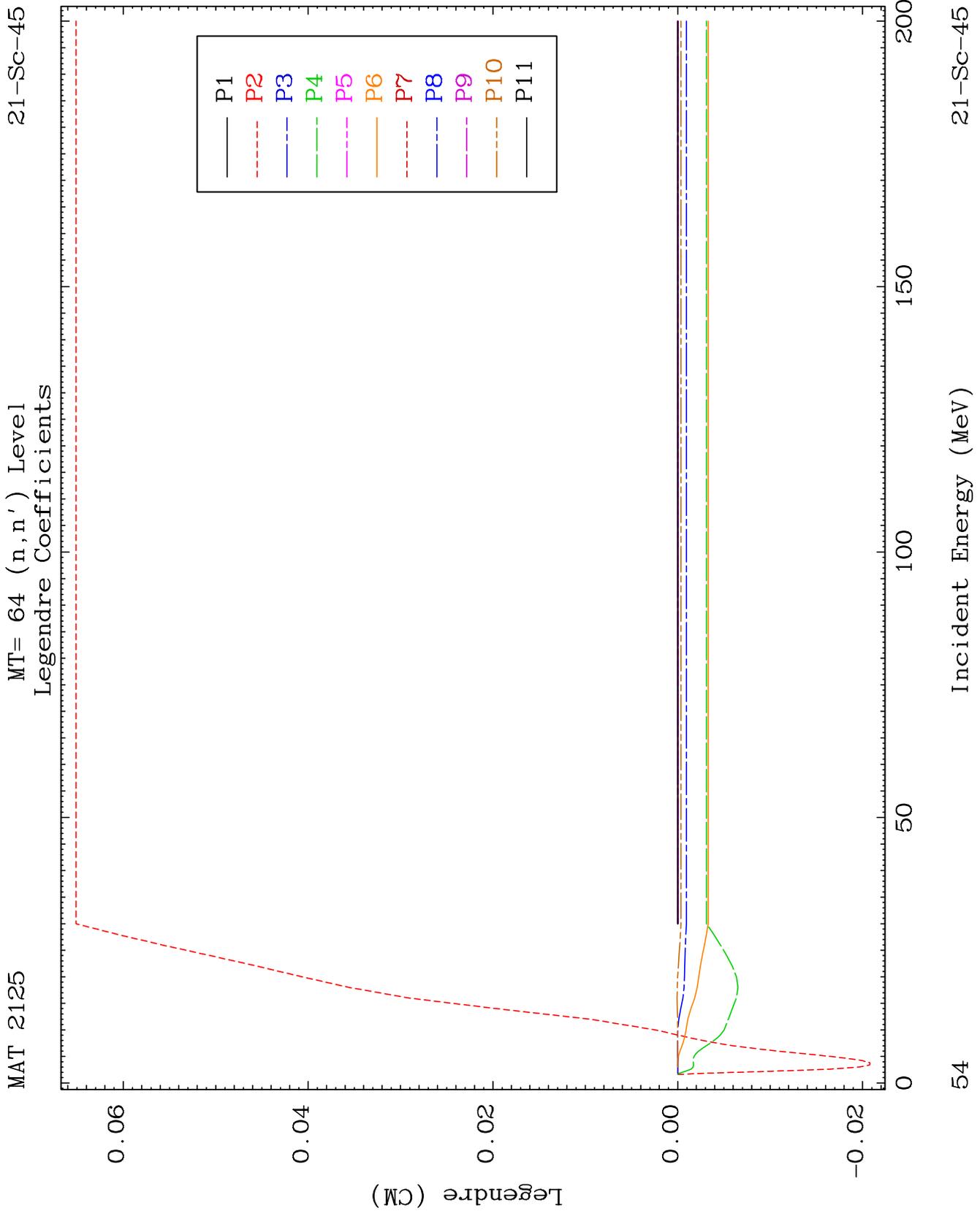


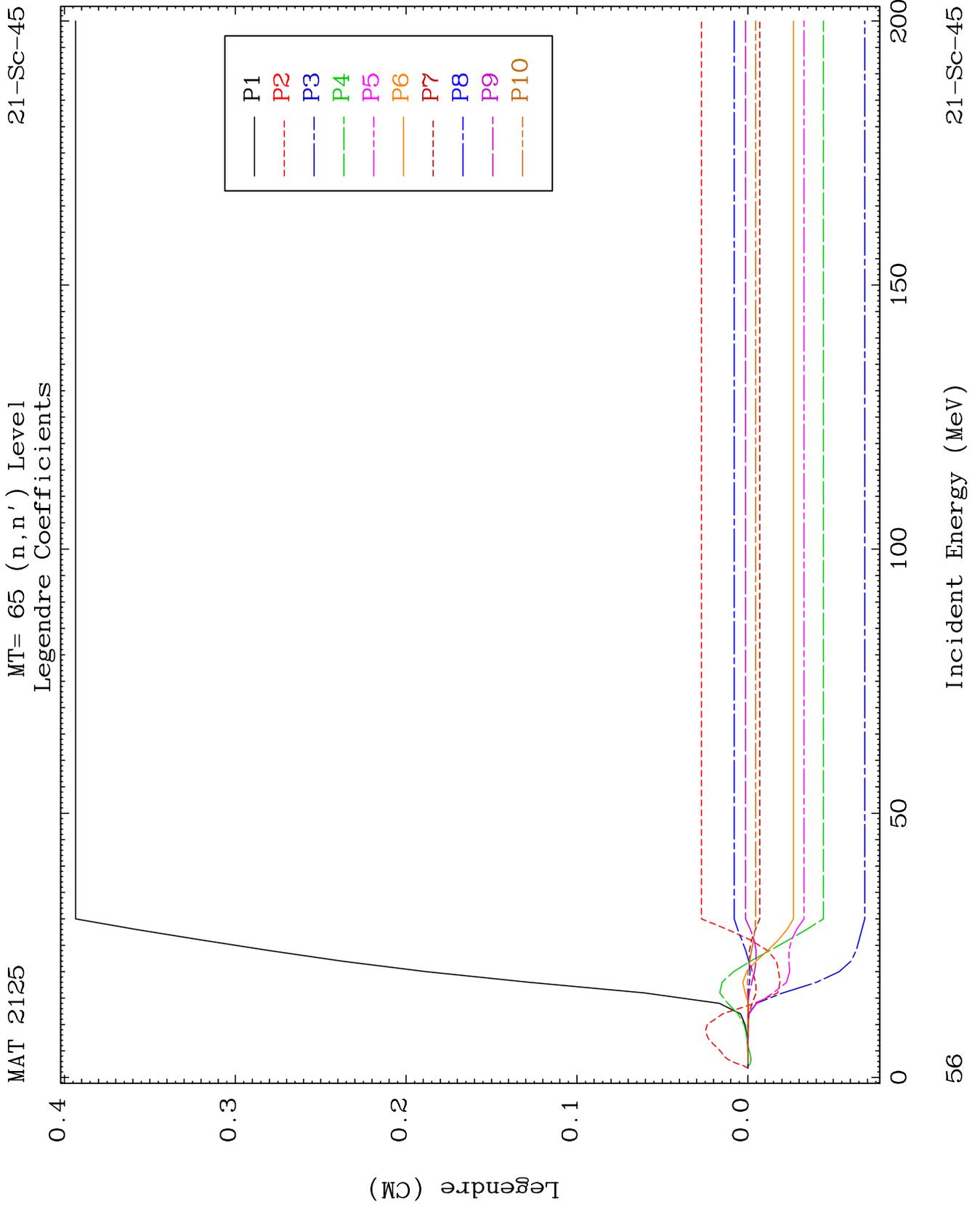


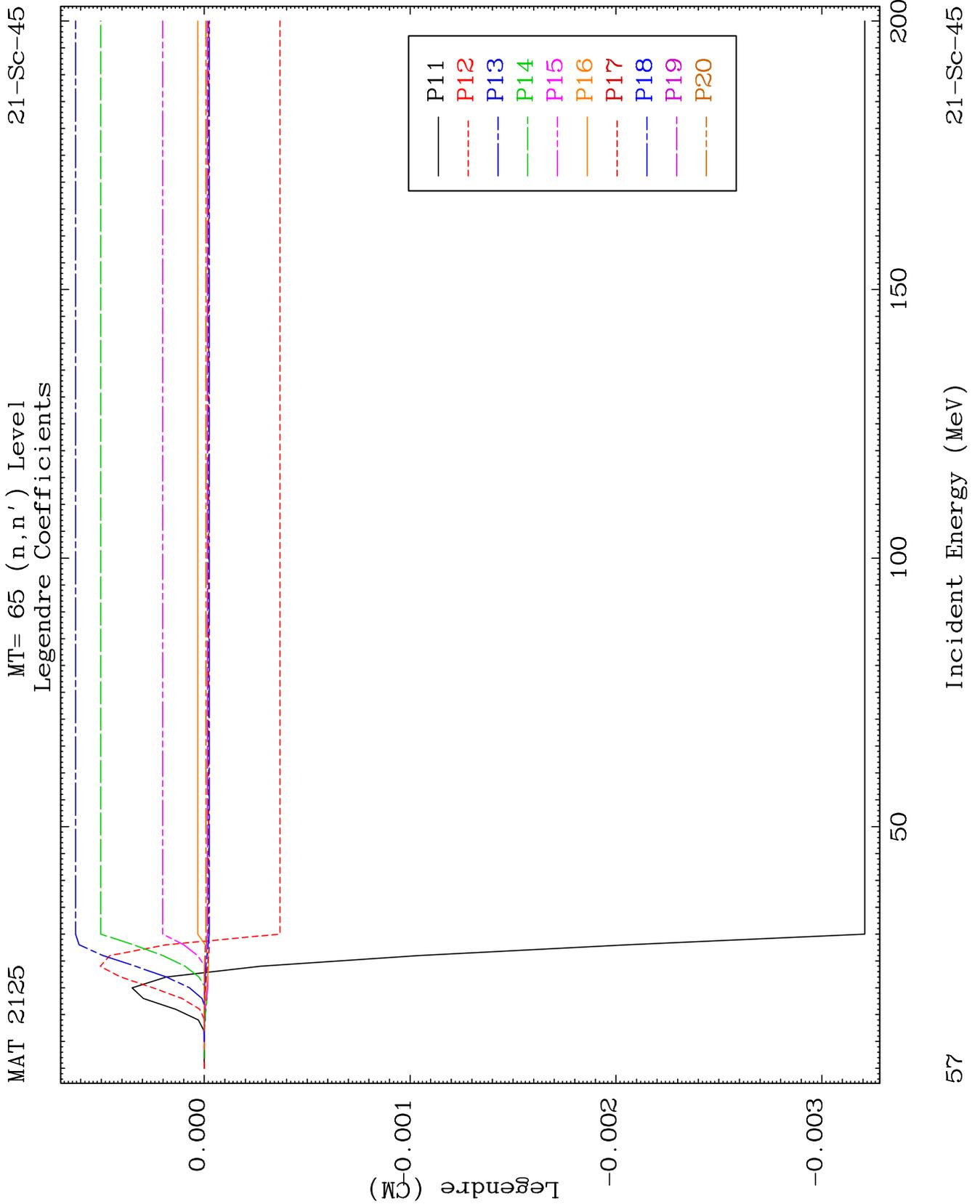


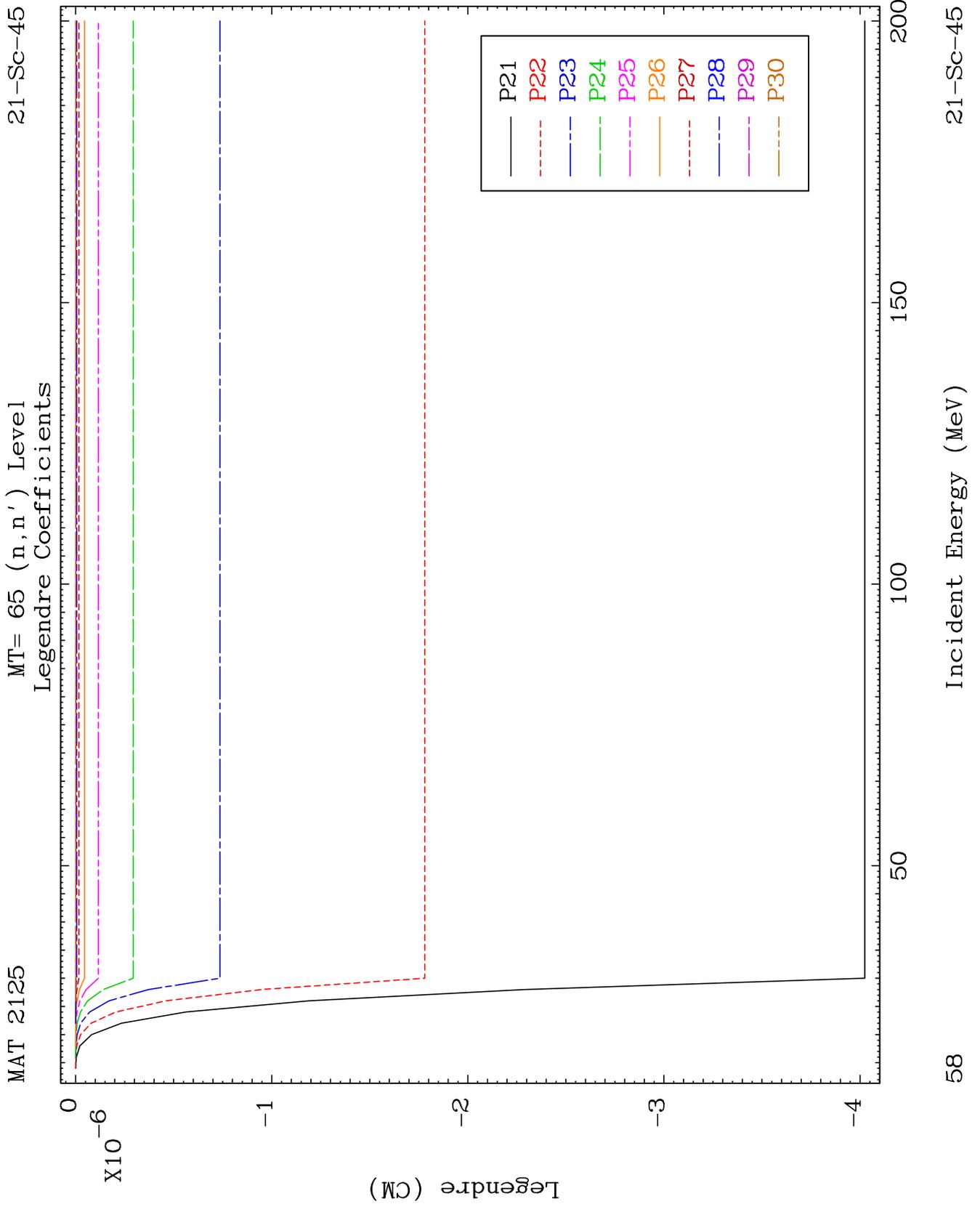


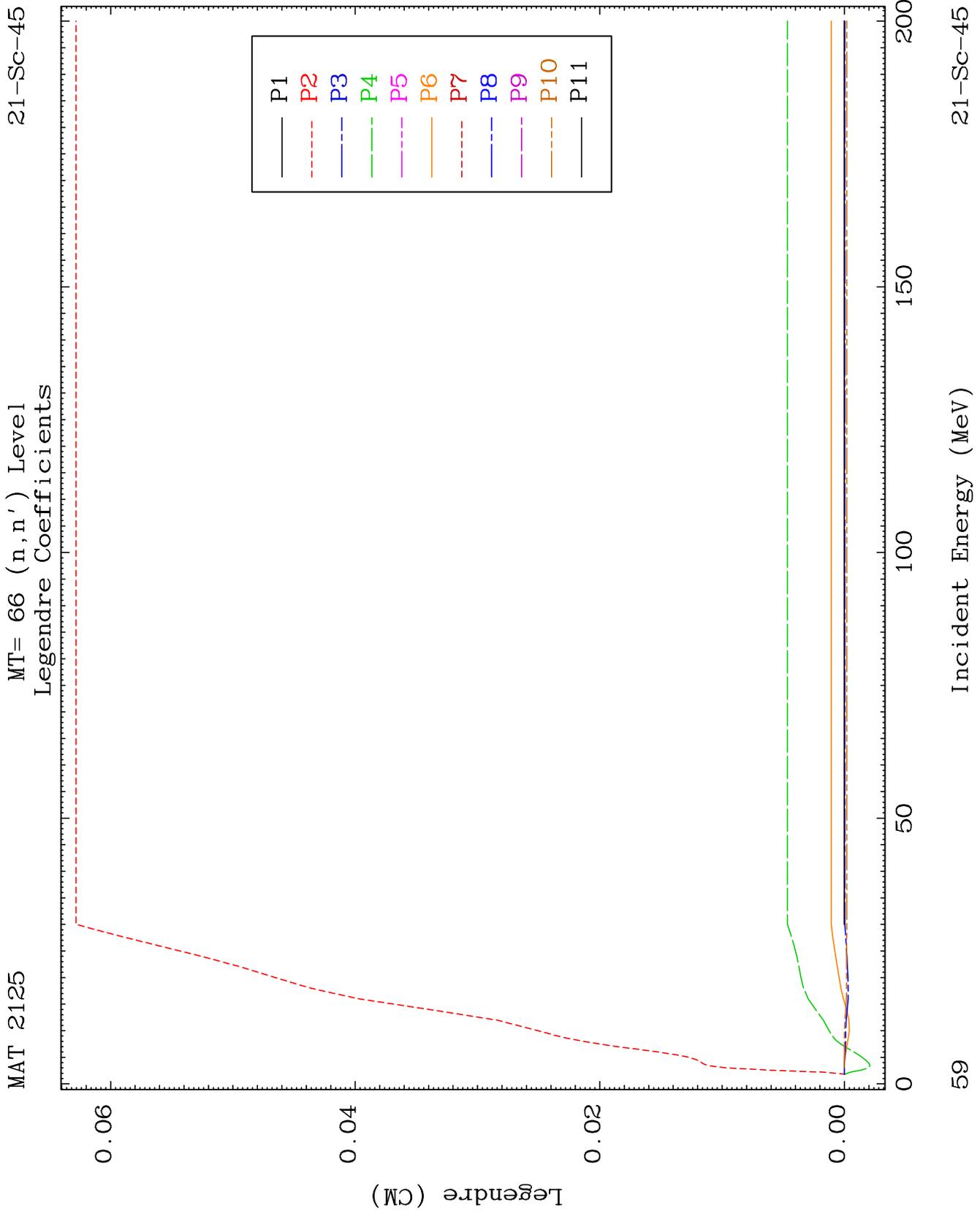








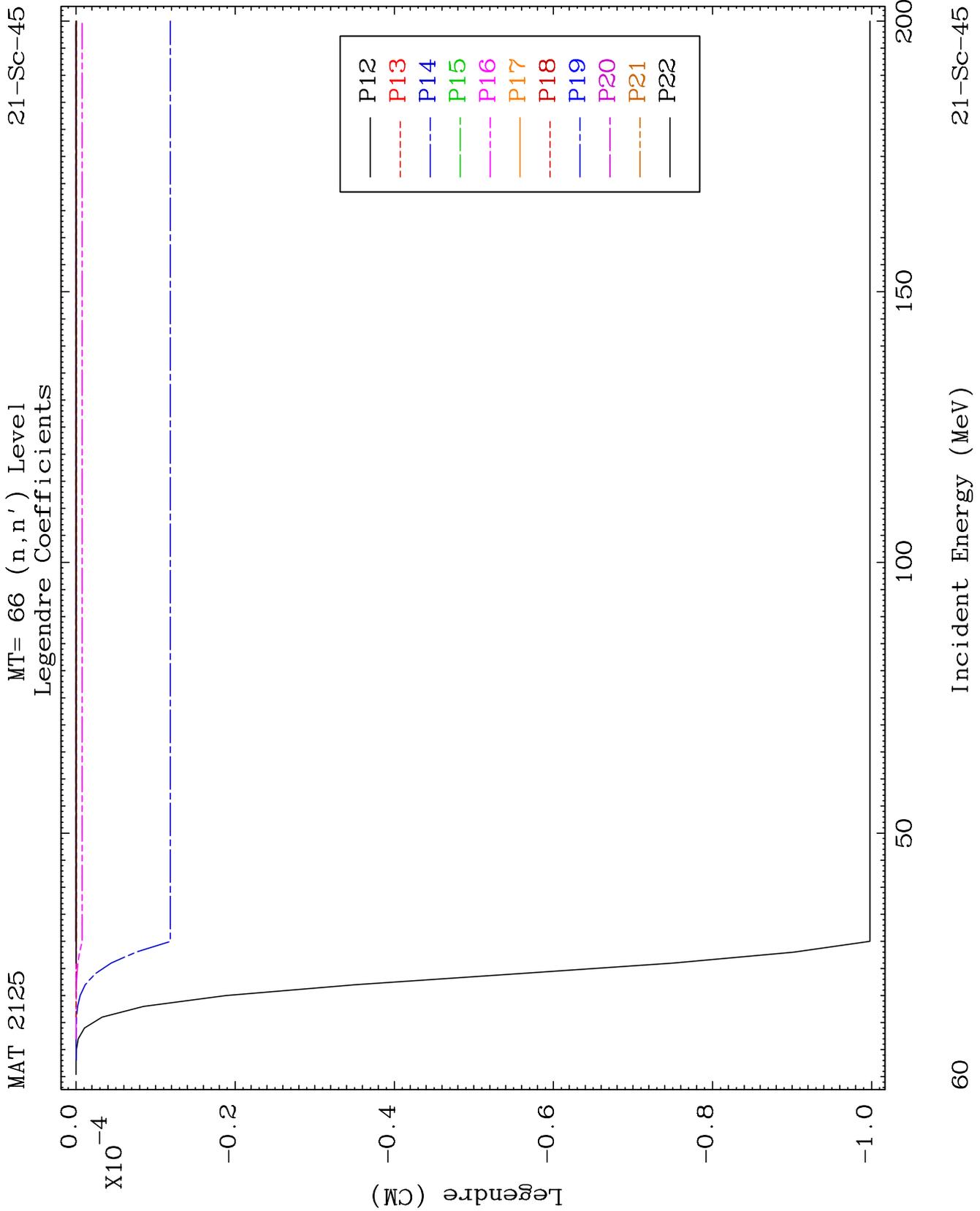


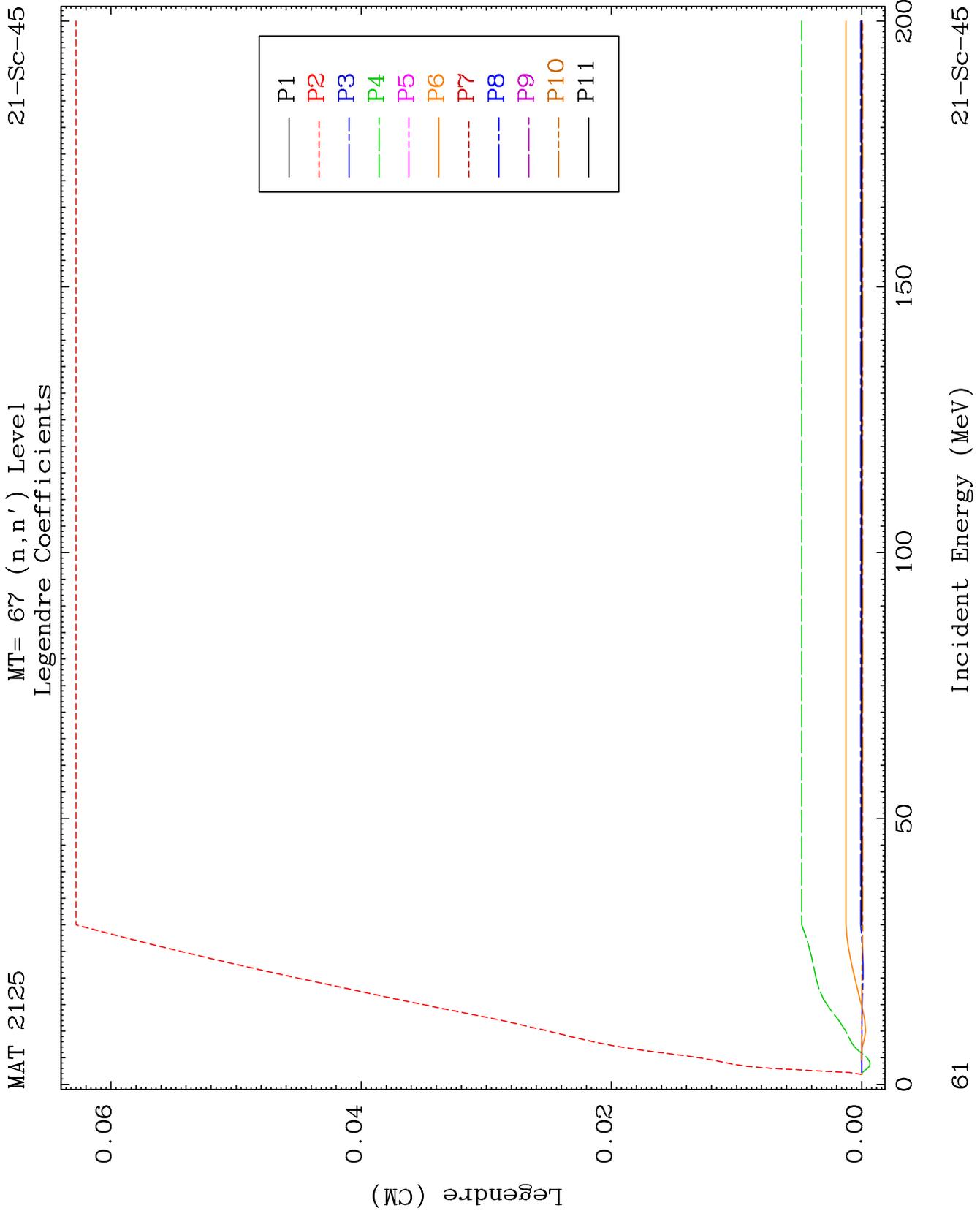


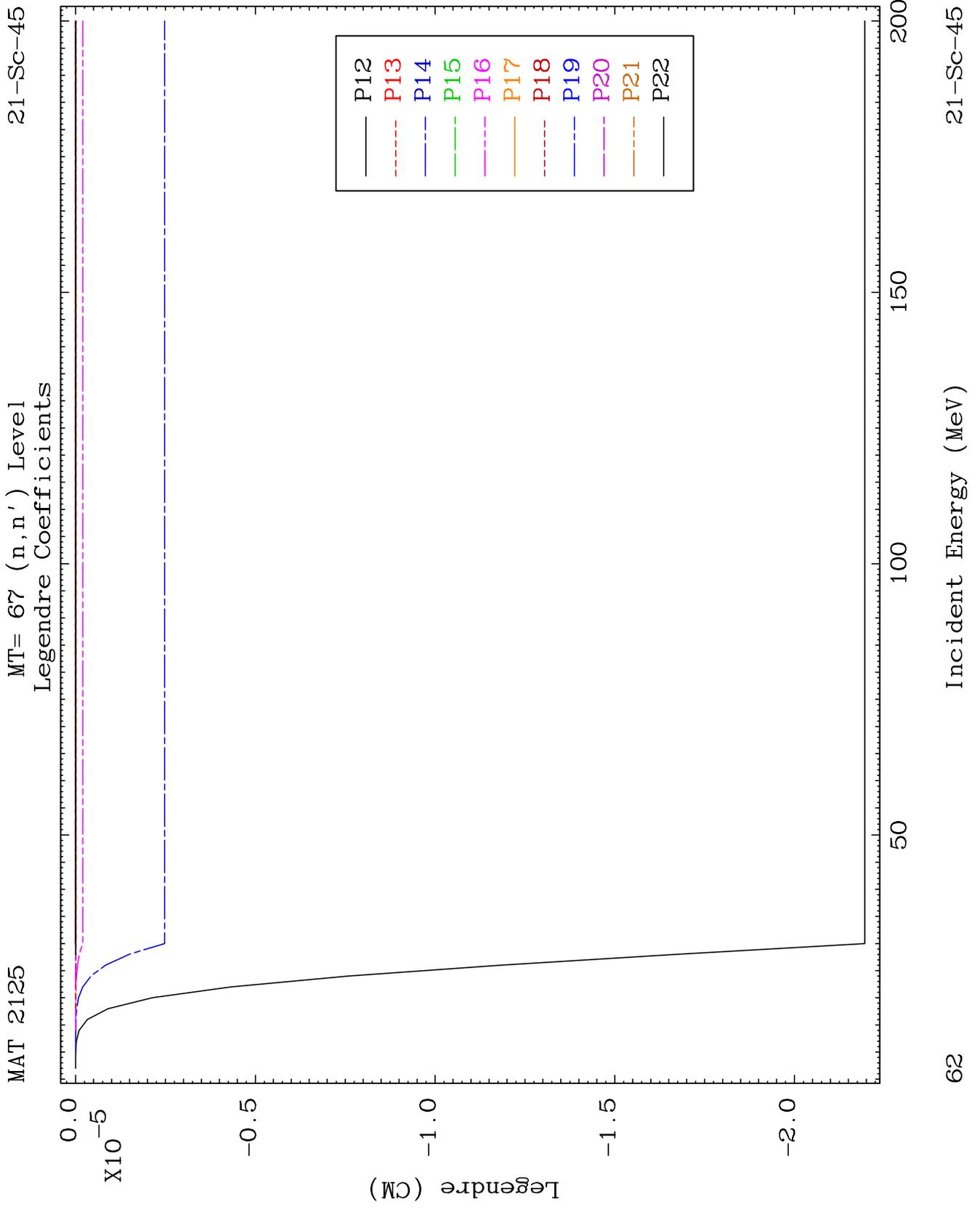
21-Sc-45

Incident Energy (MeV)

59



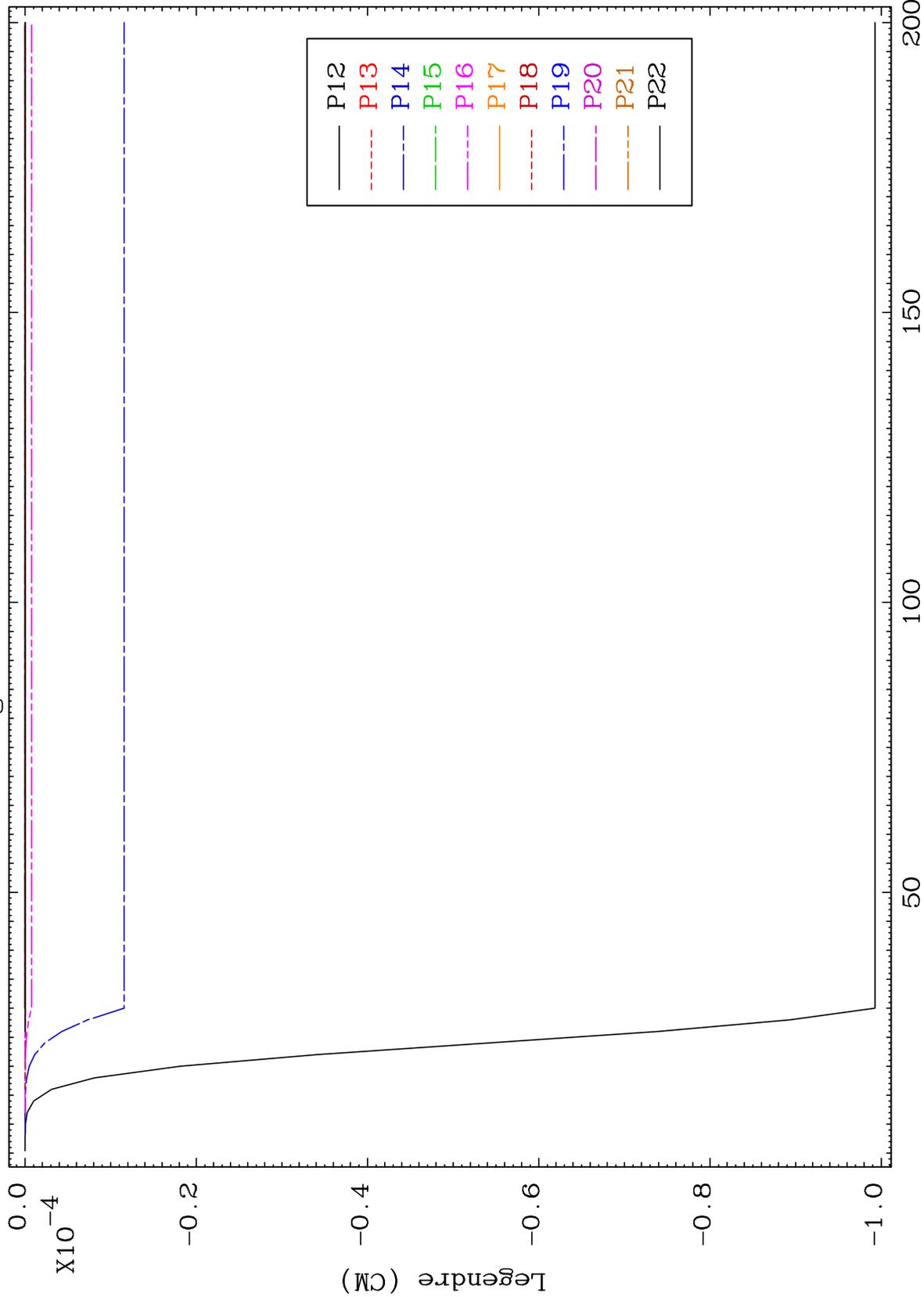




MAT 2125

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

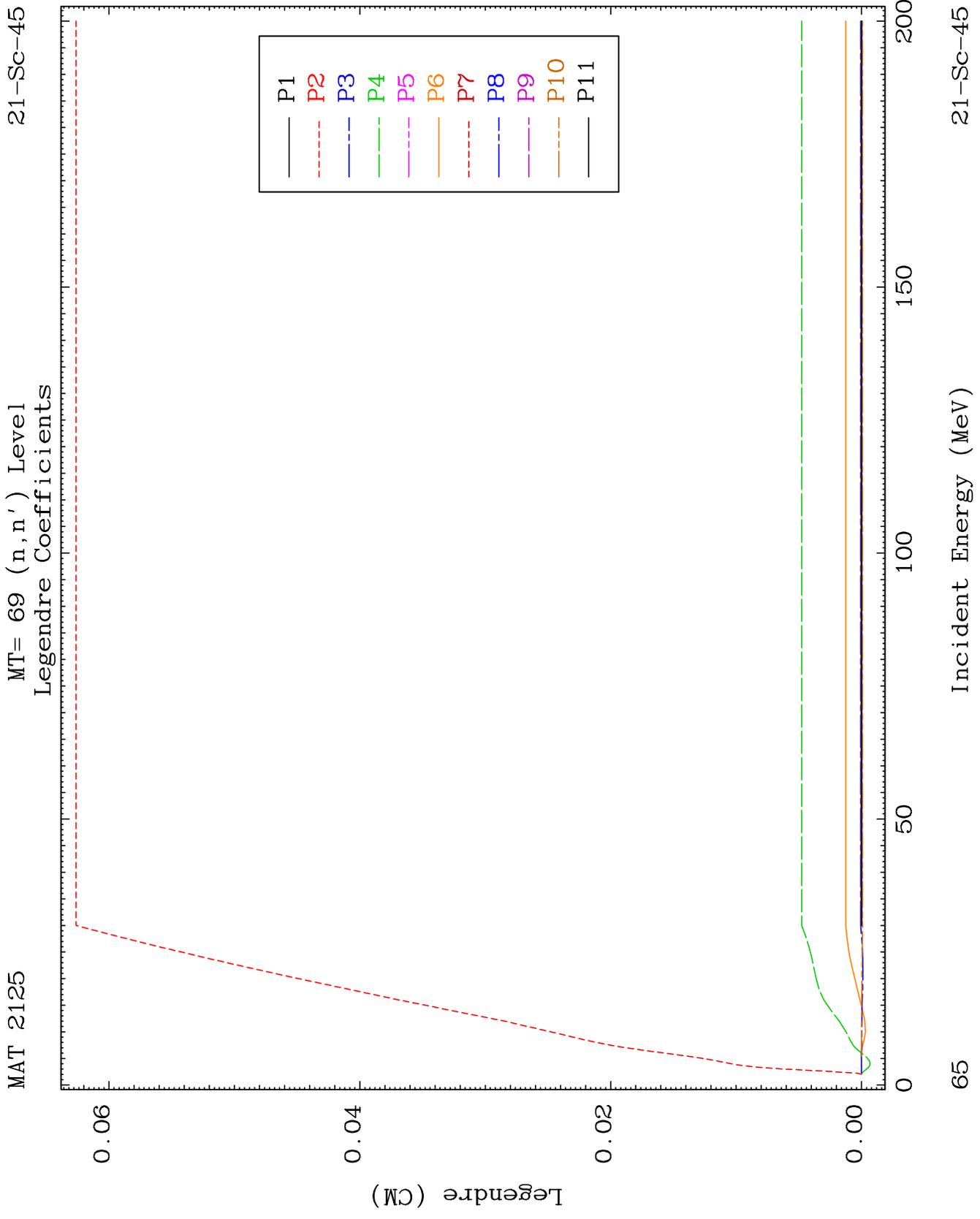
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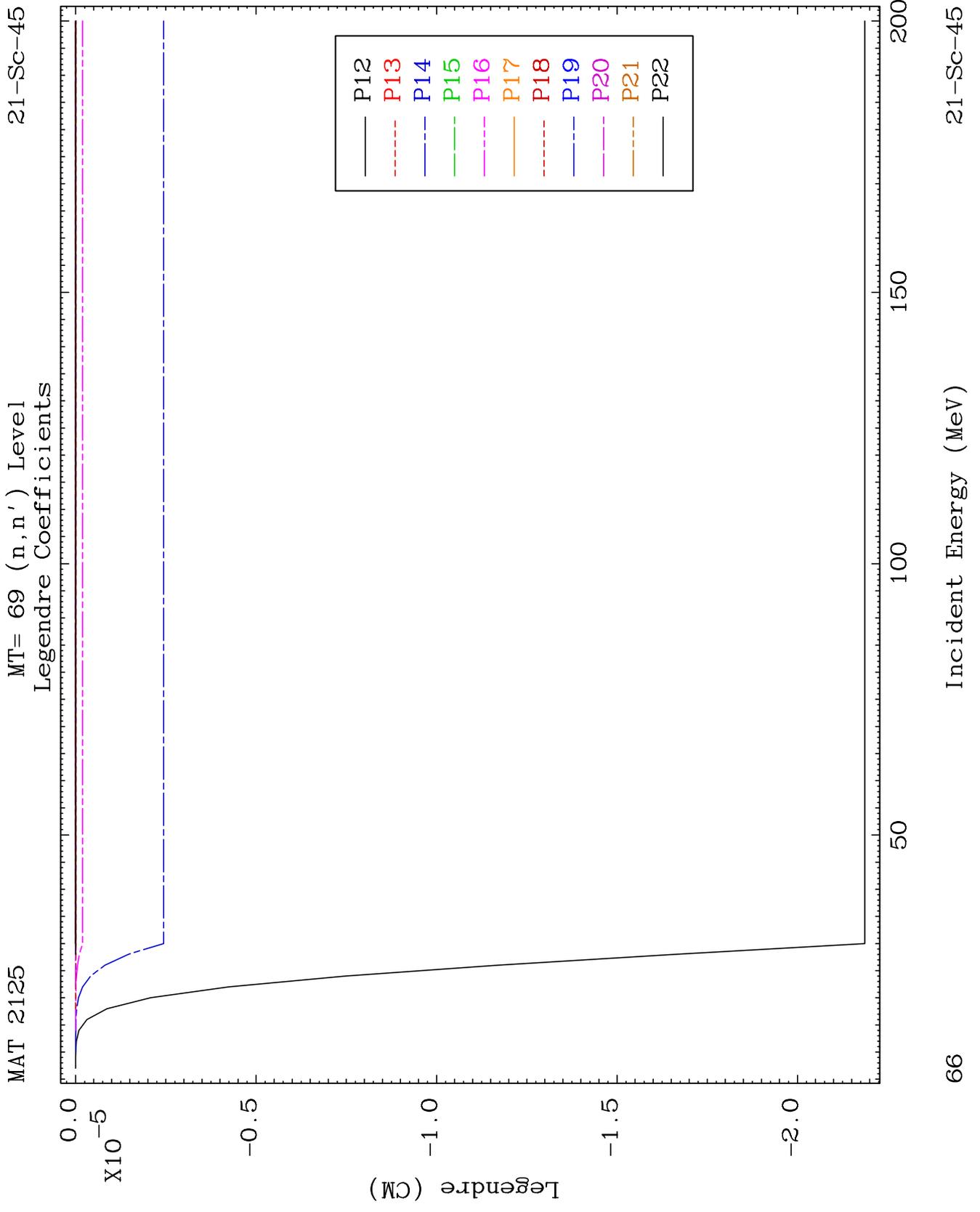


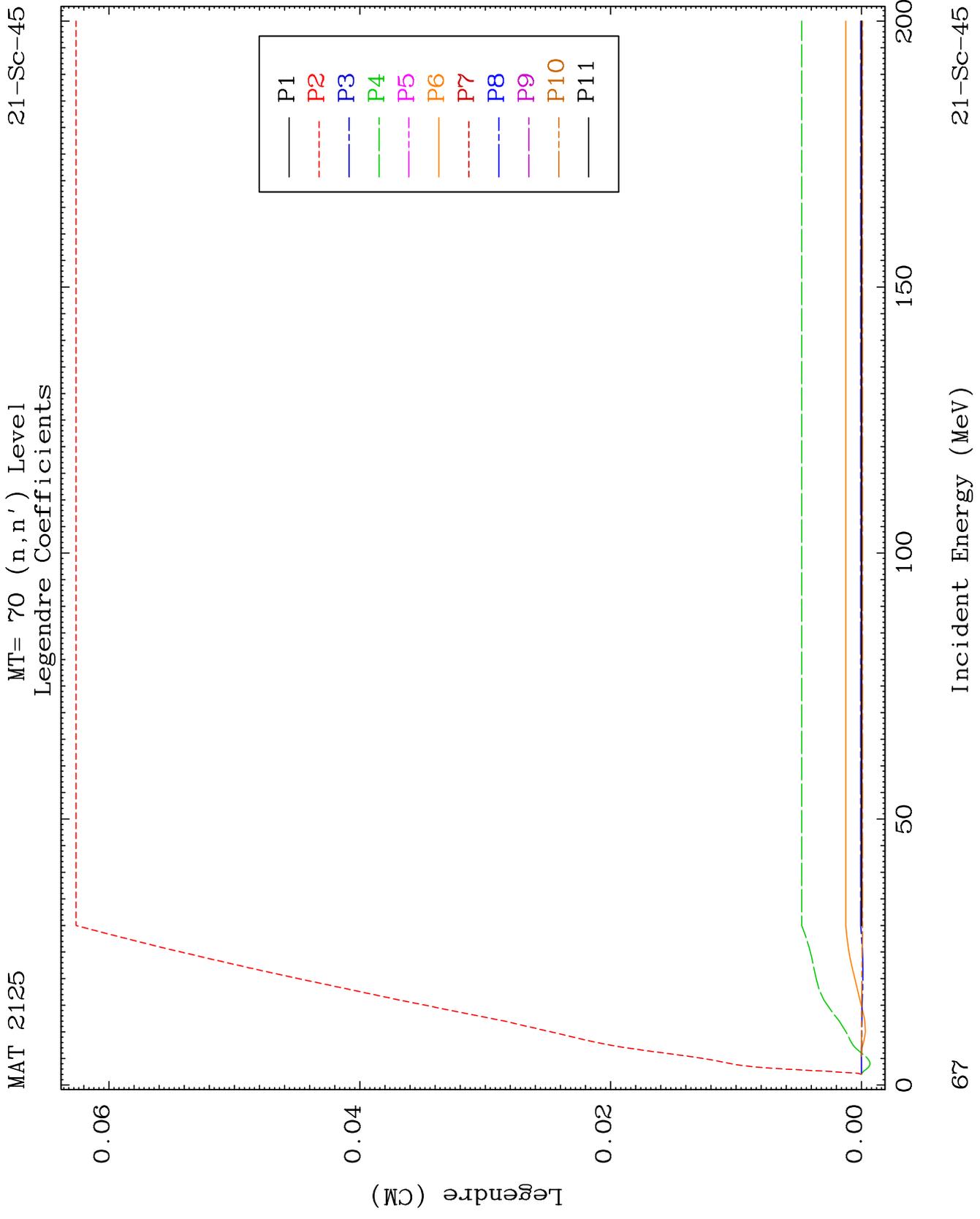
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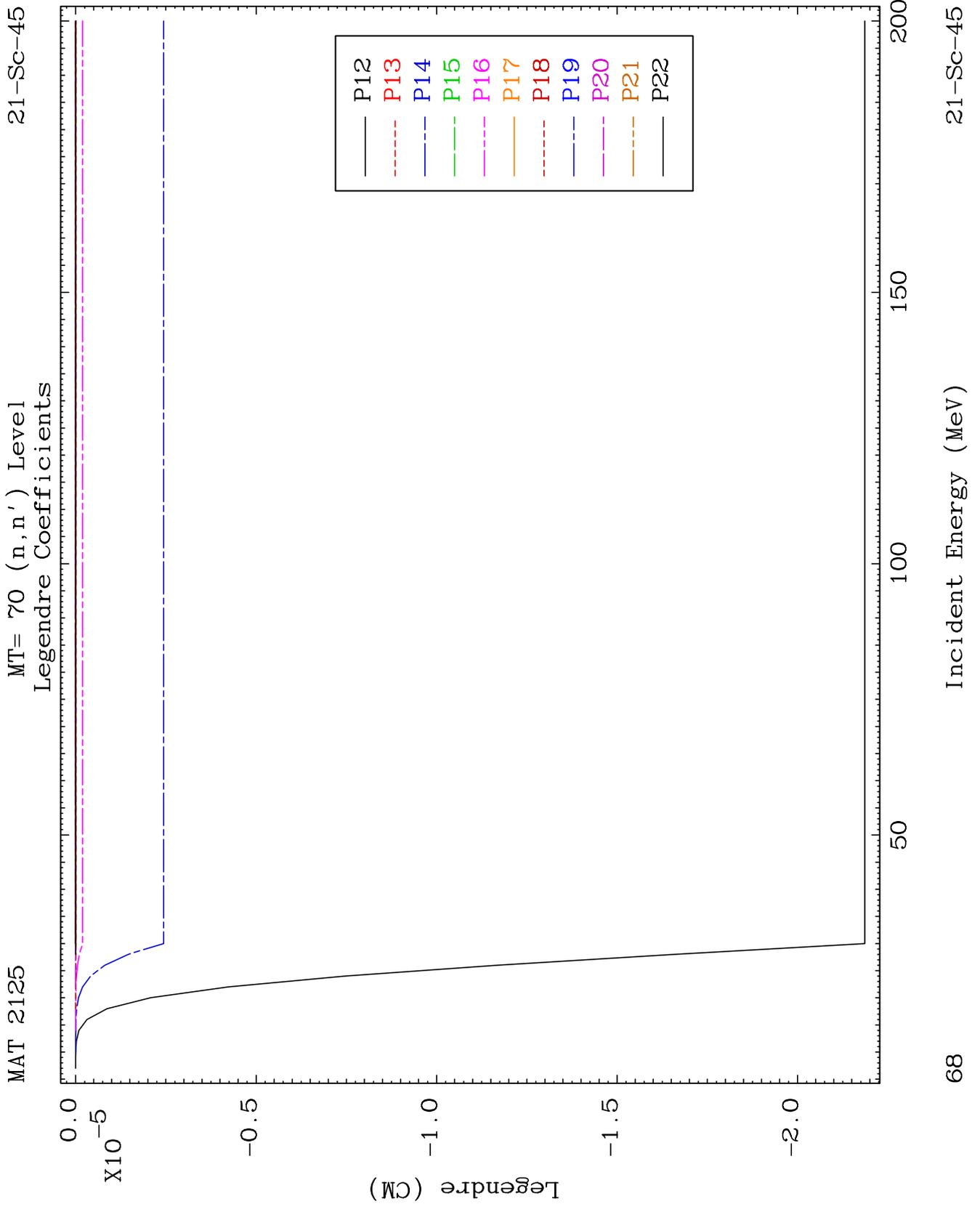
Incident Energy (MeV)

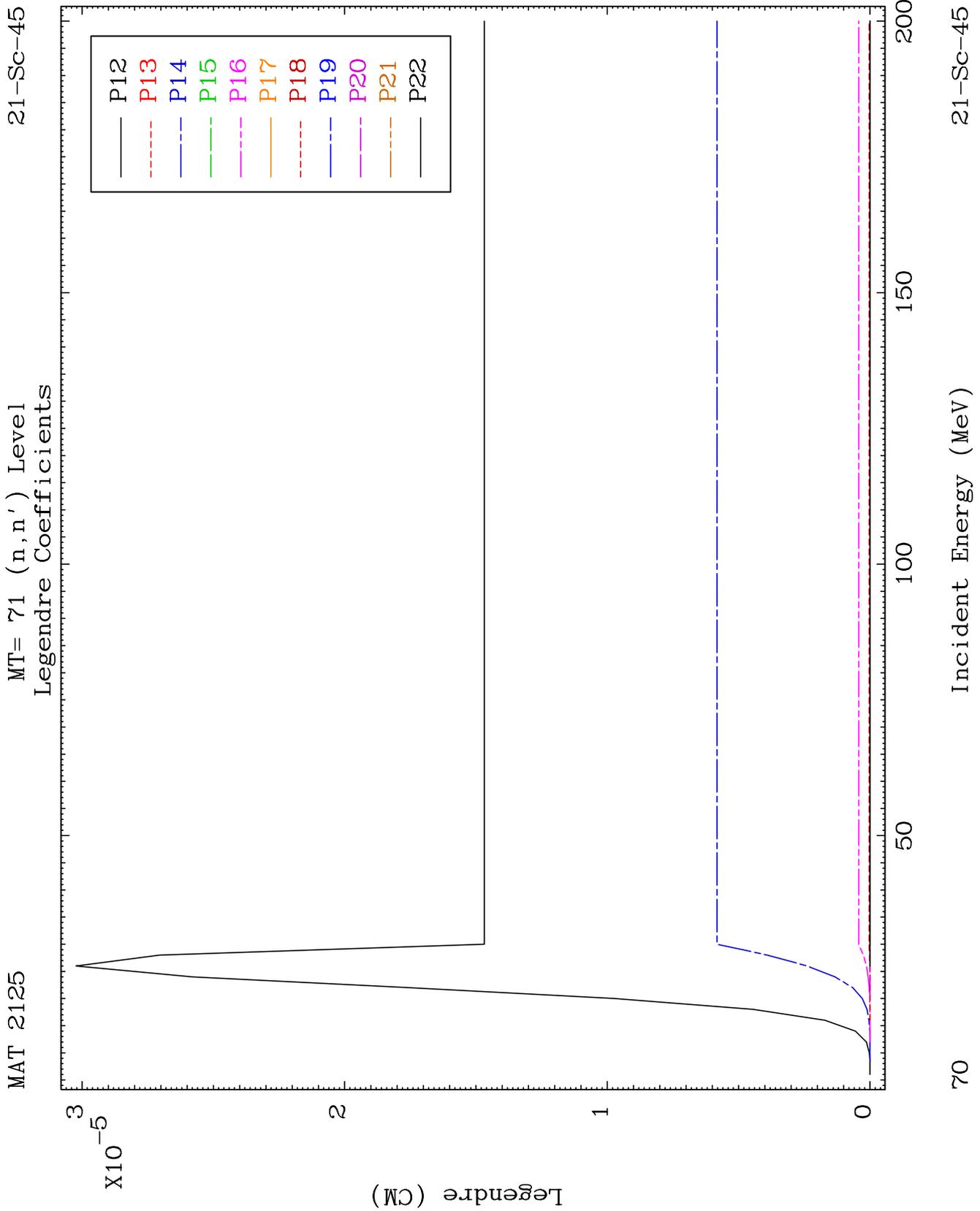
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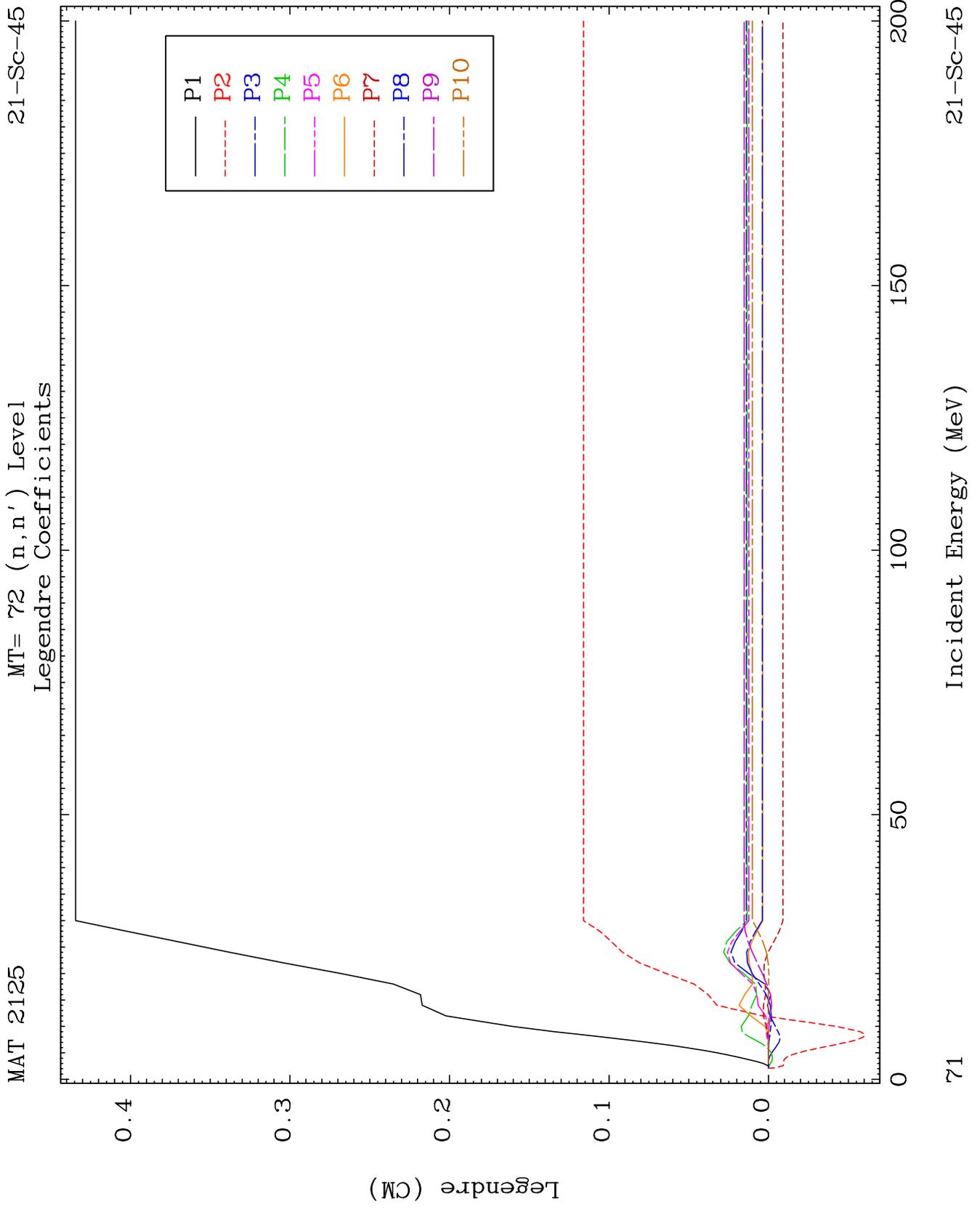








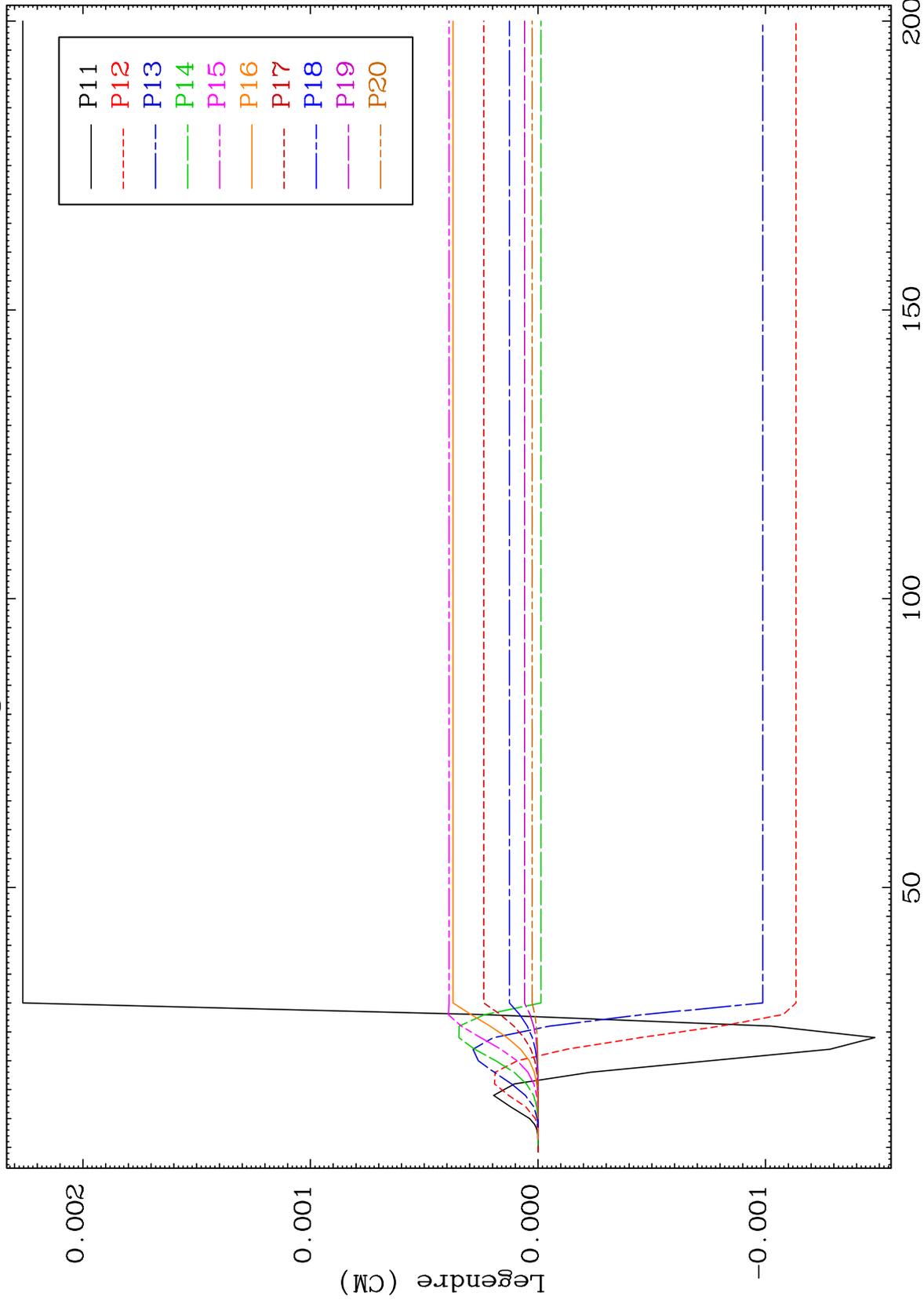




MAT 2125

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

21-Sc-45



72

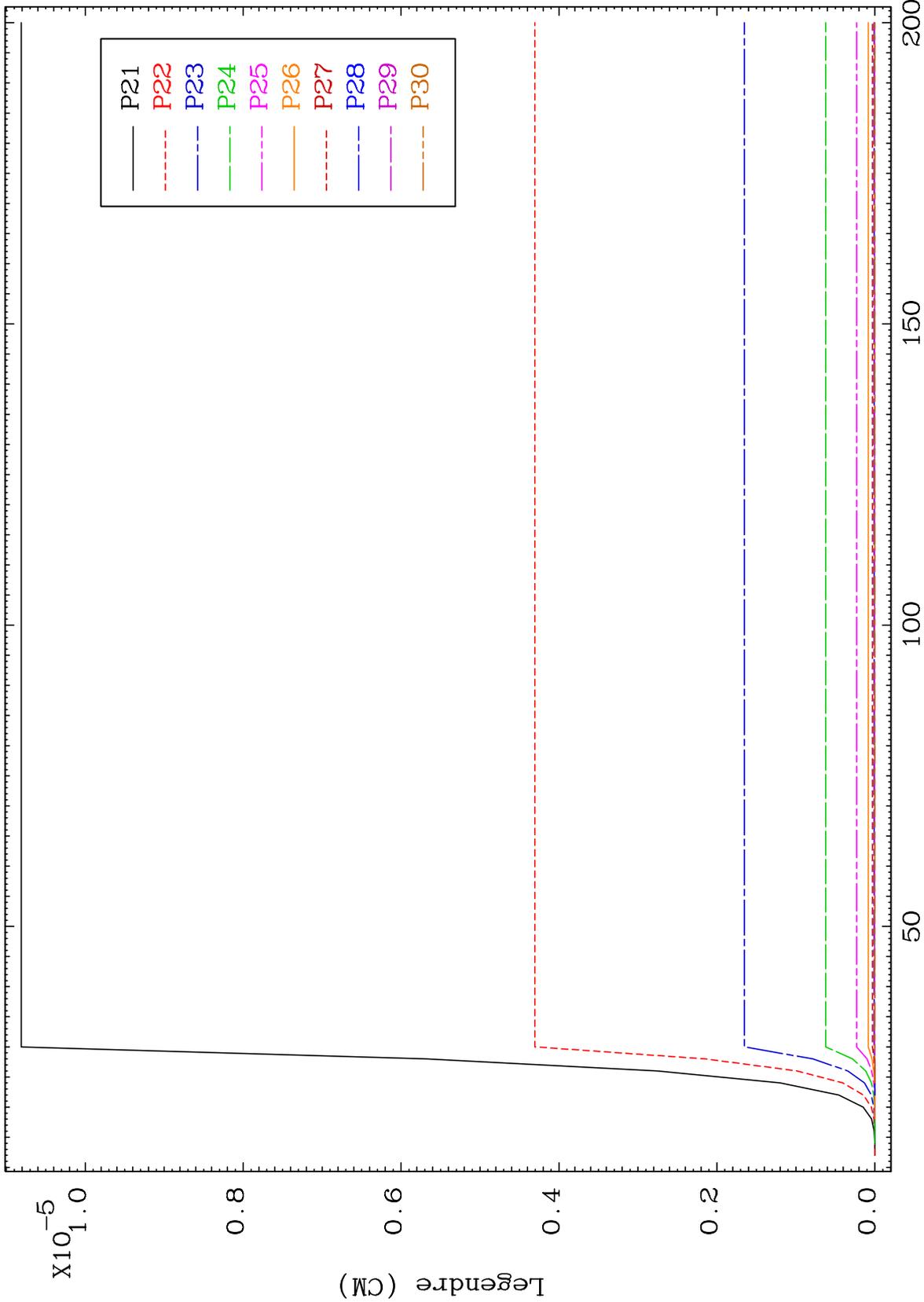
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



73

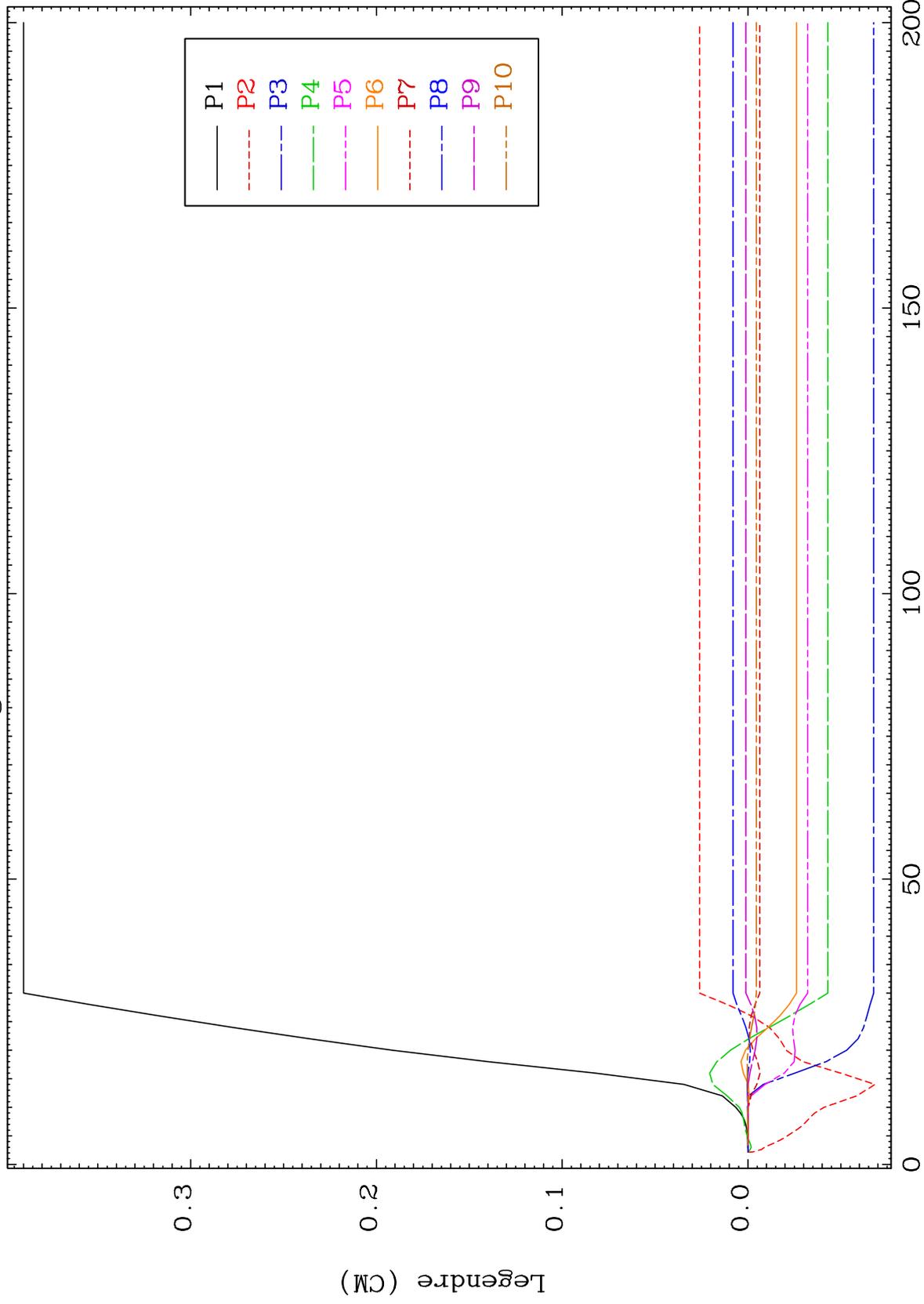
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

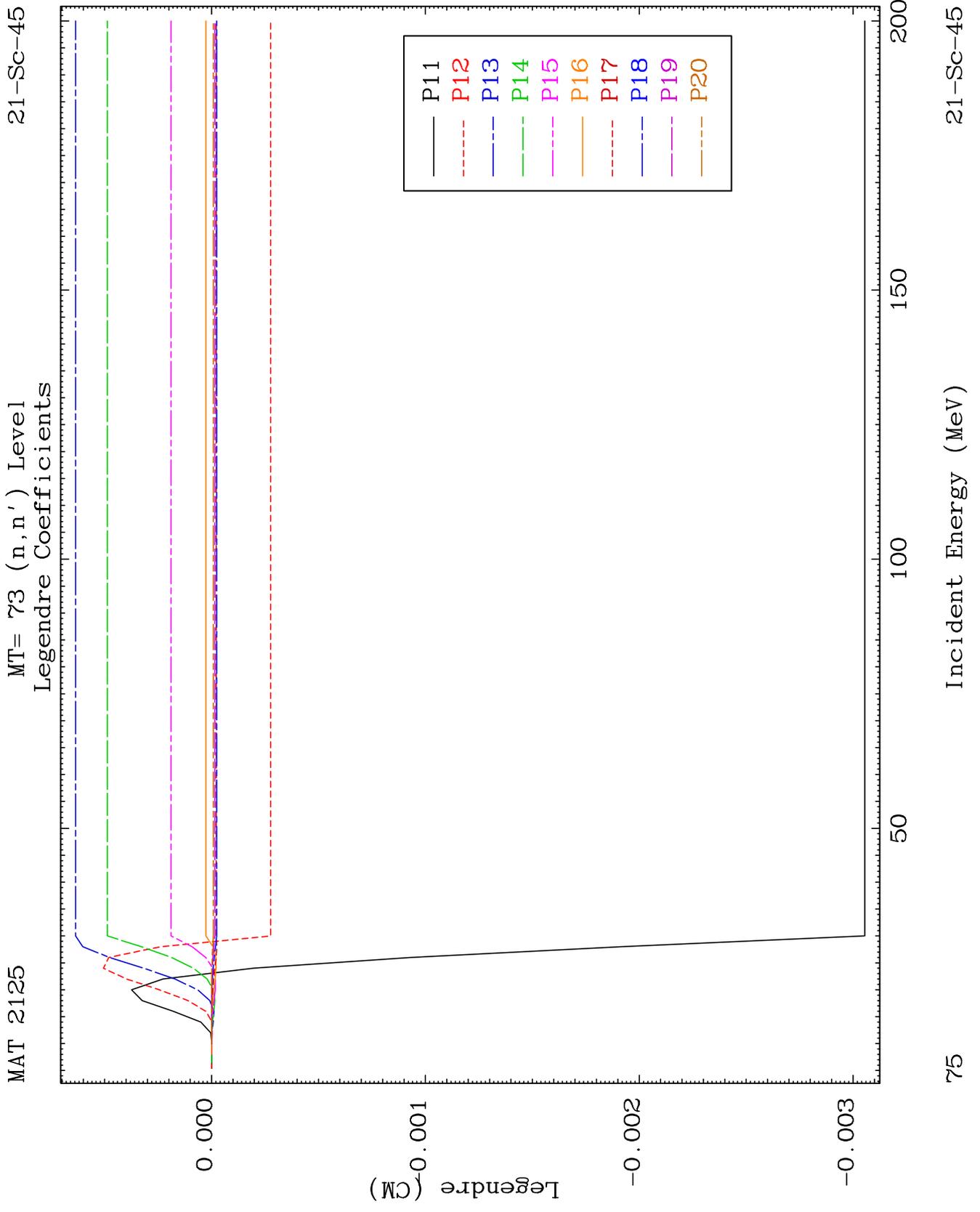
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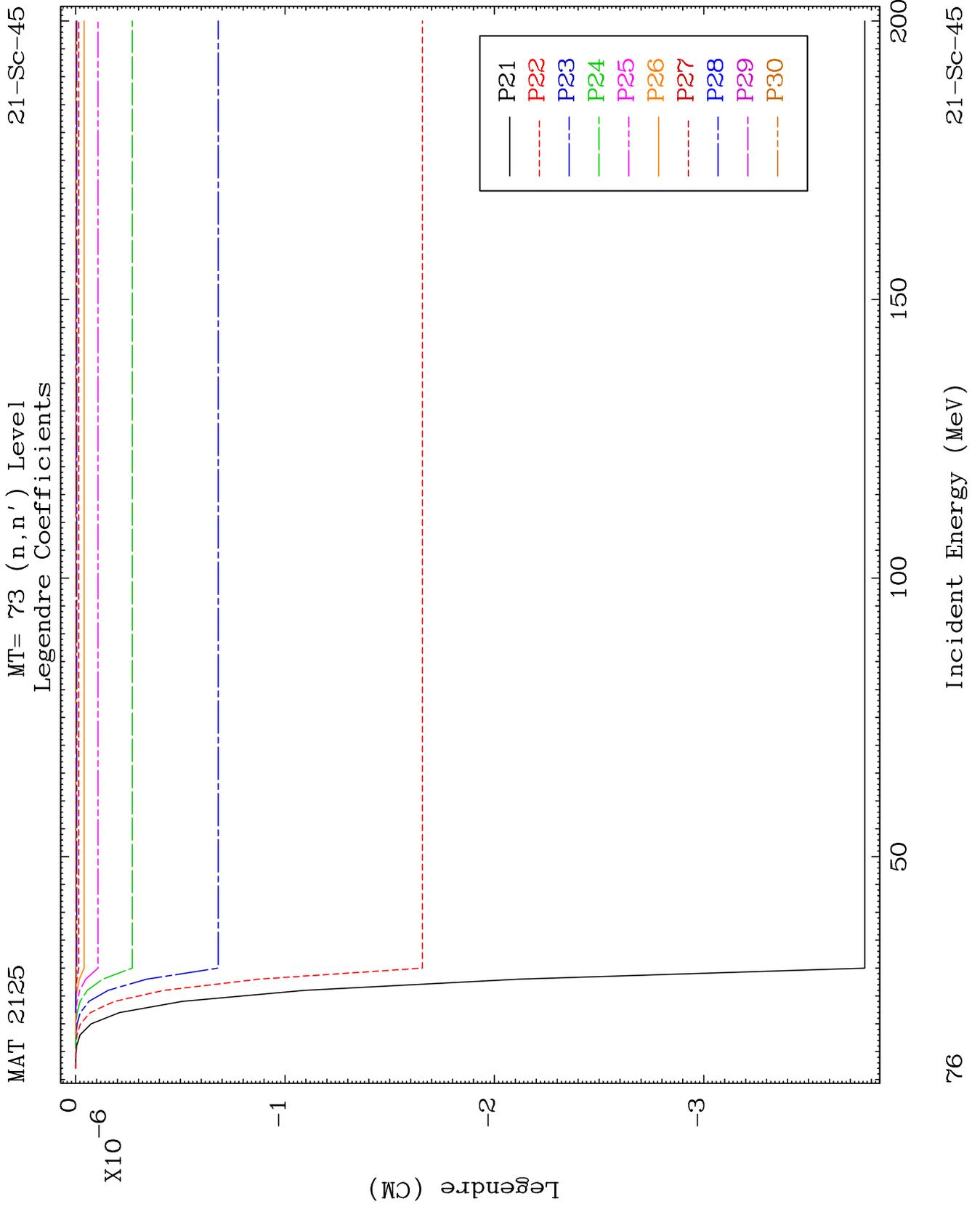


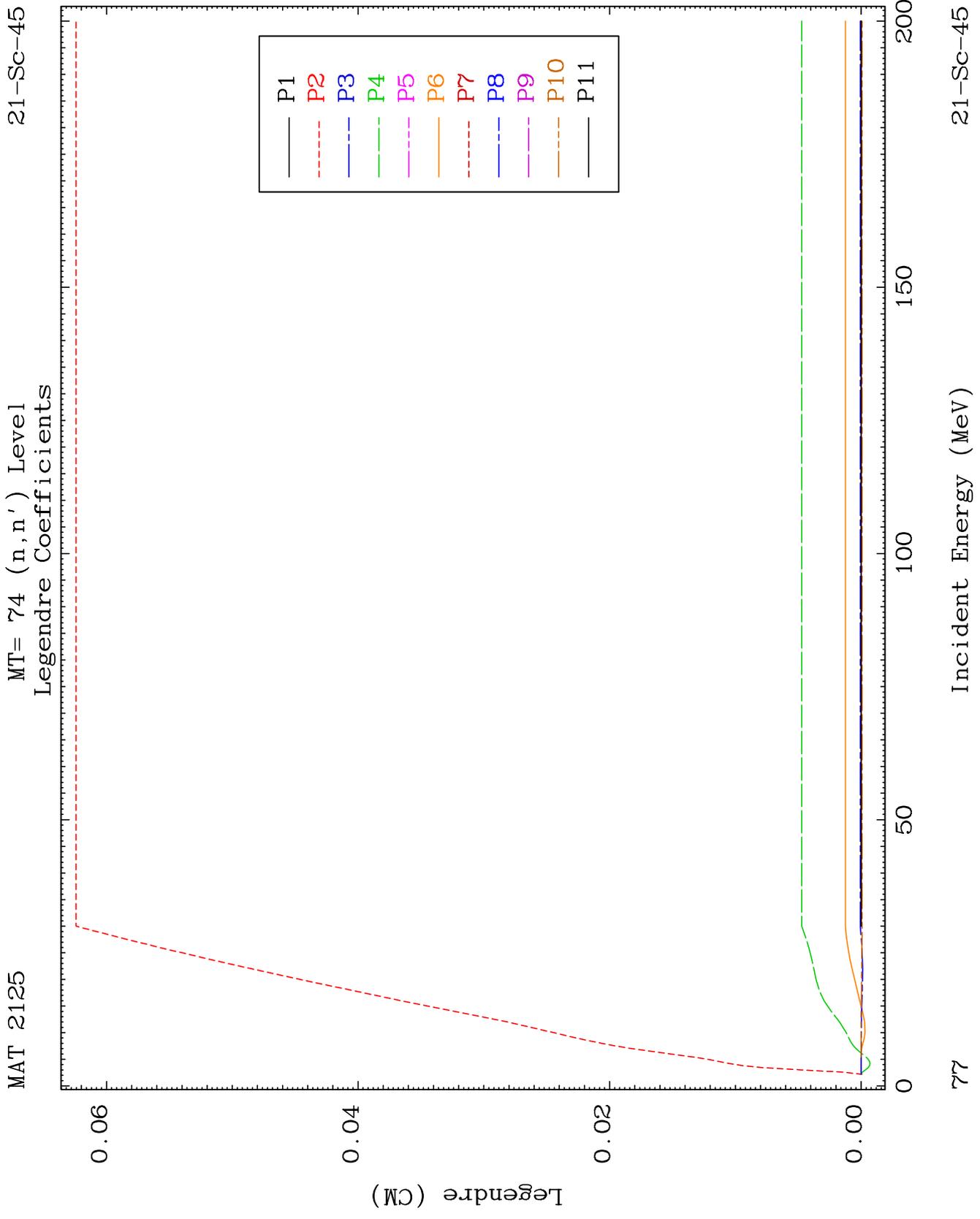
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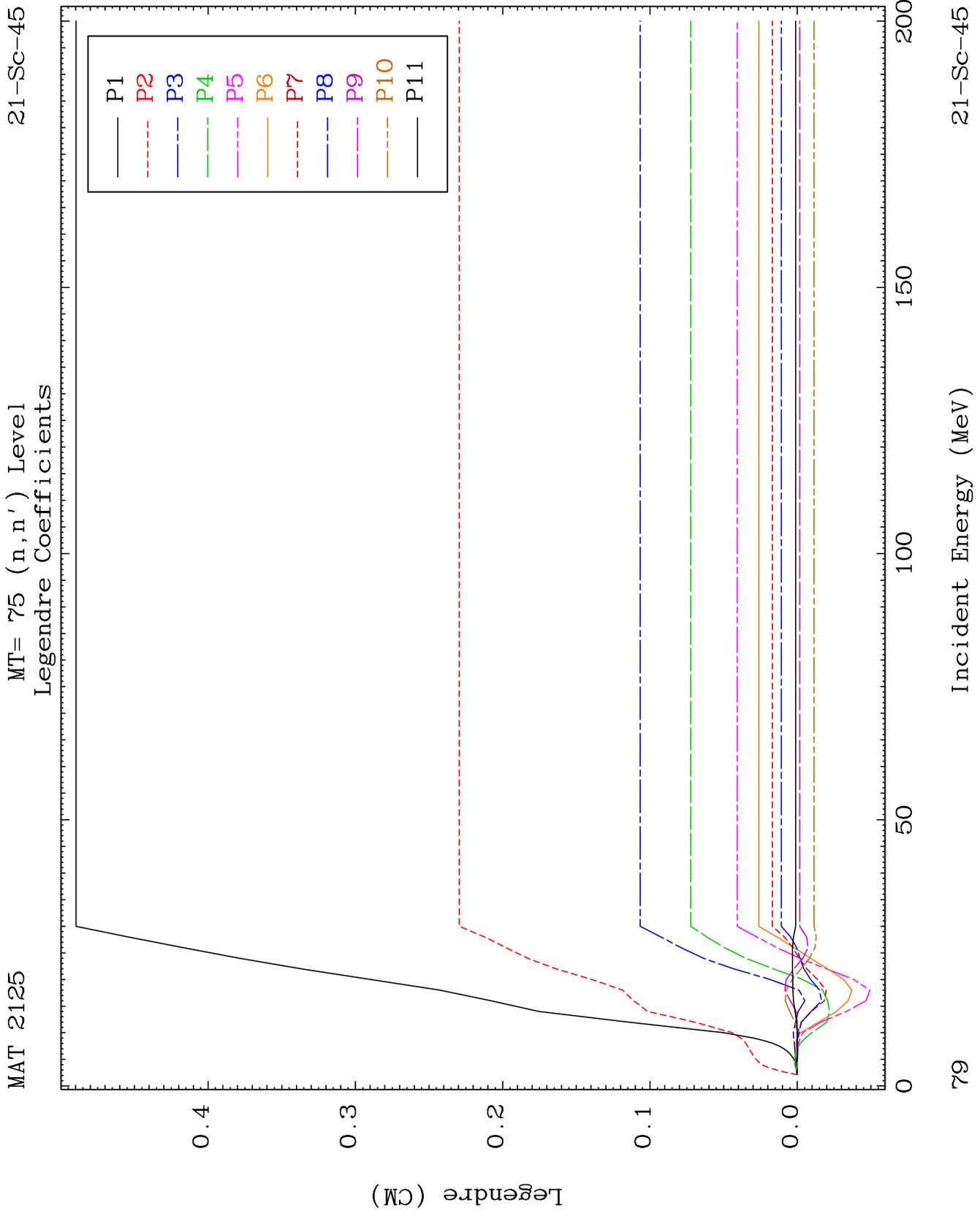
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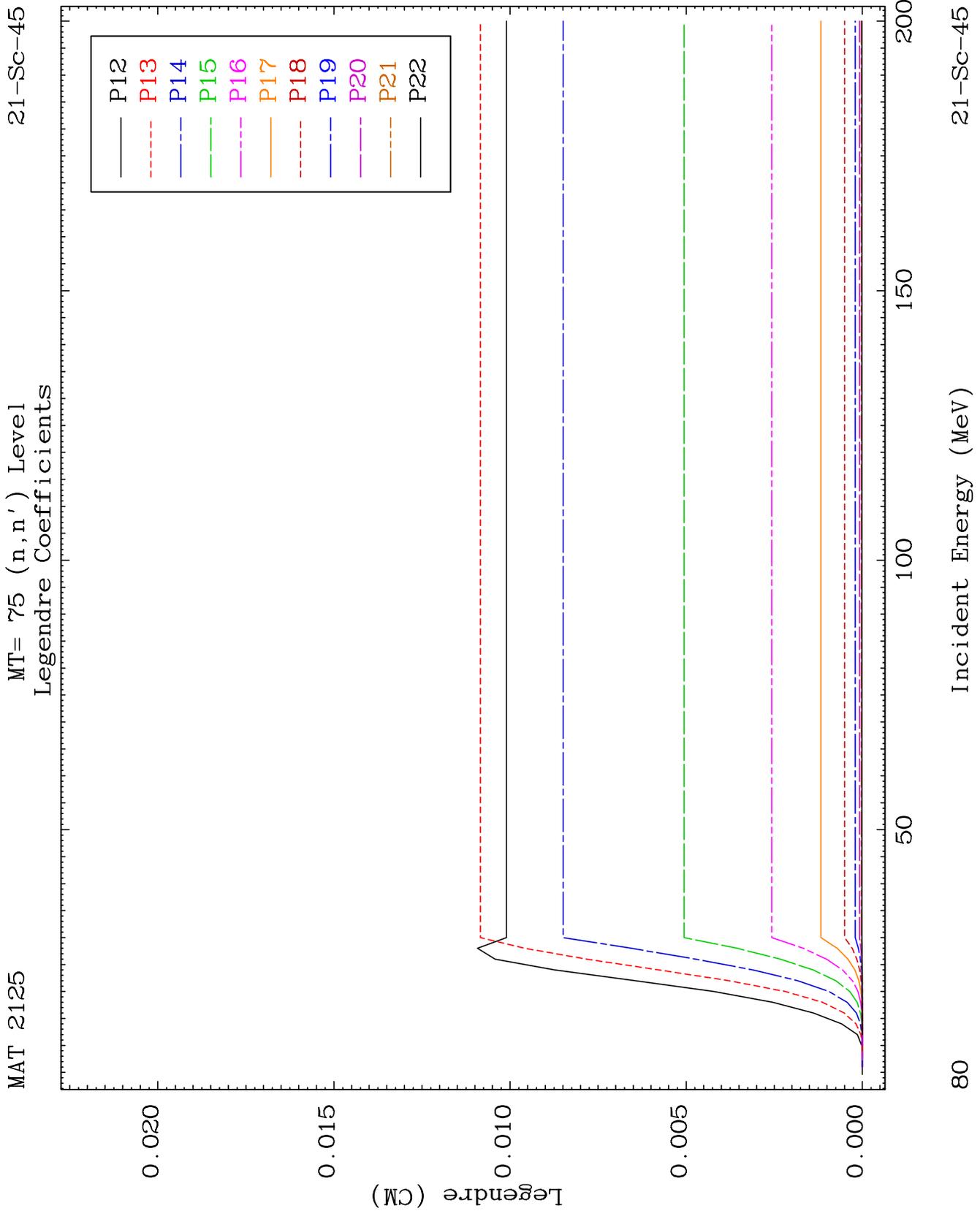
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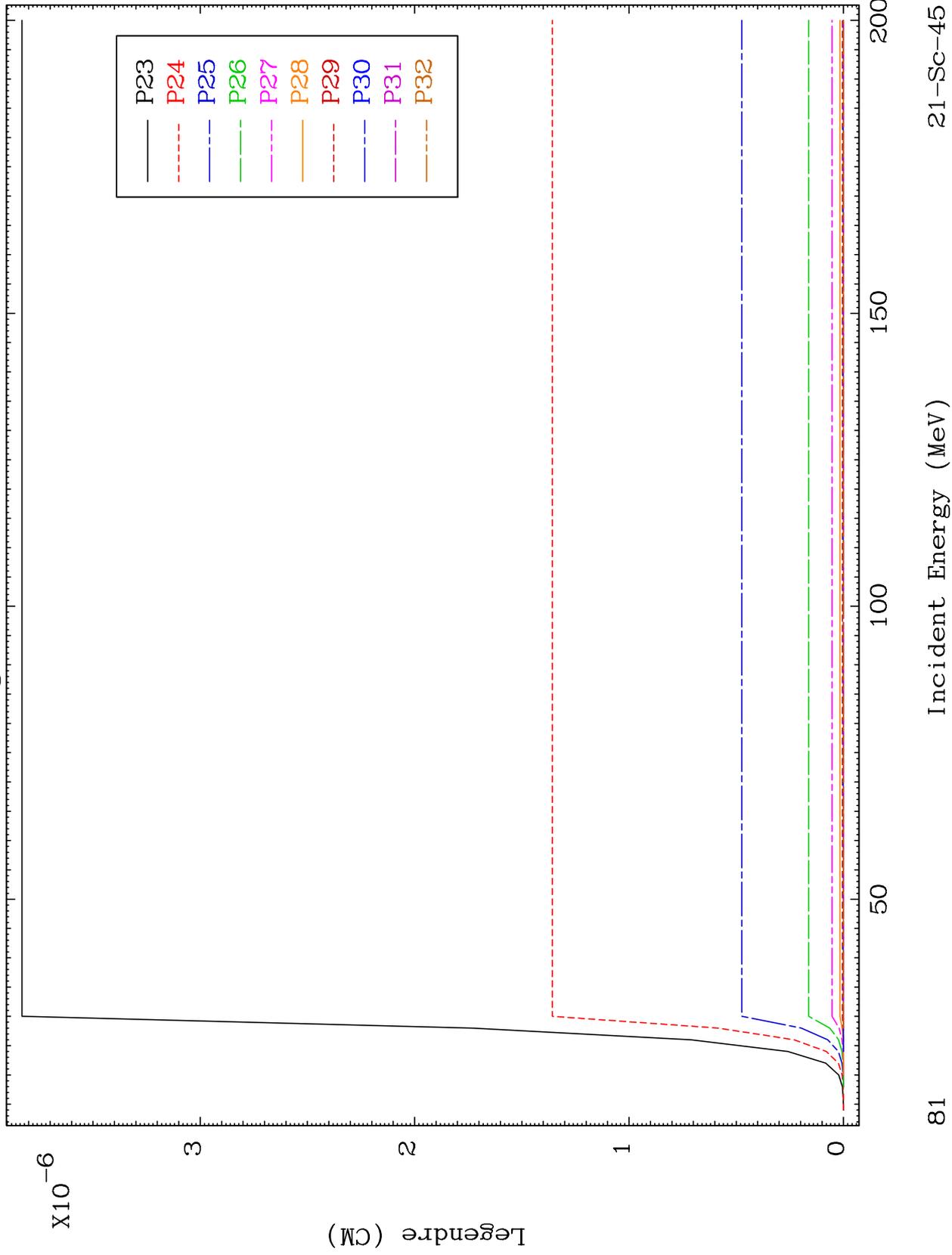




MAT 2125

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

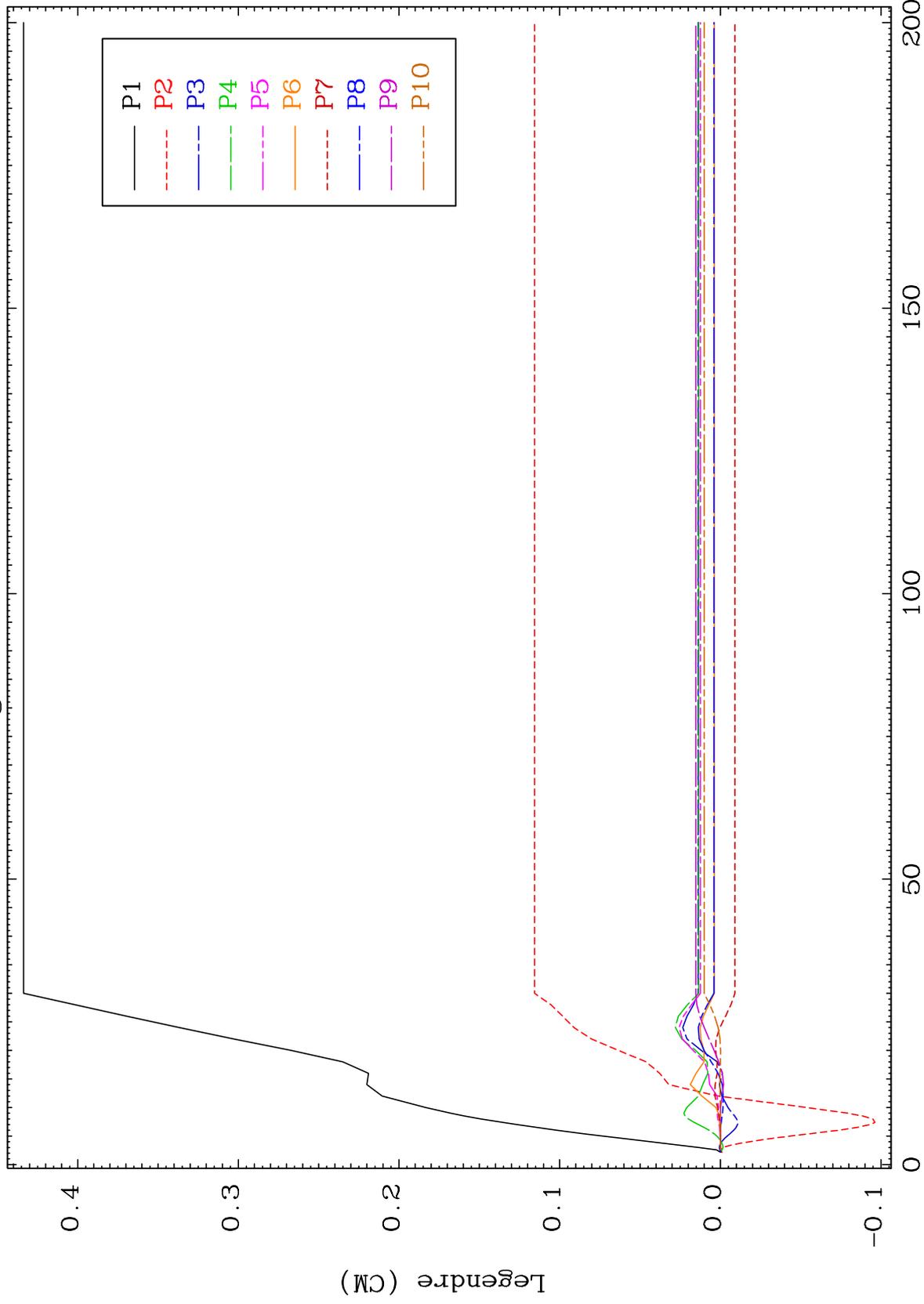
21-Sc-45



MAT 2125

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

21-Sc-45



82

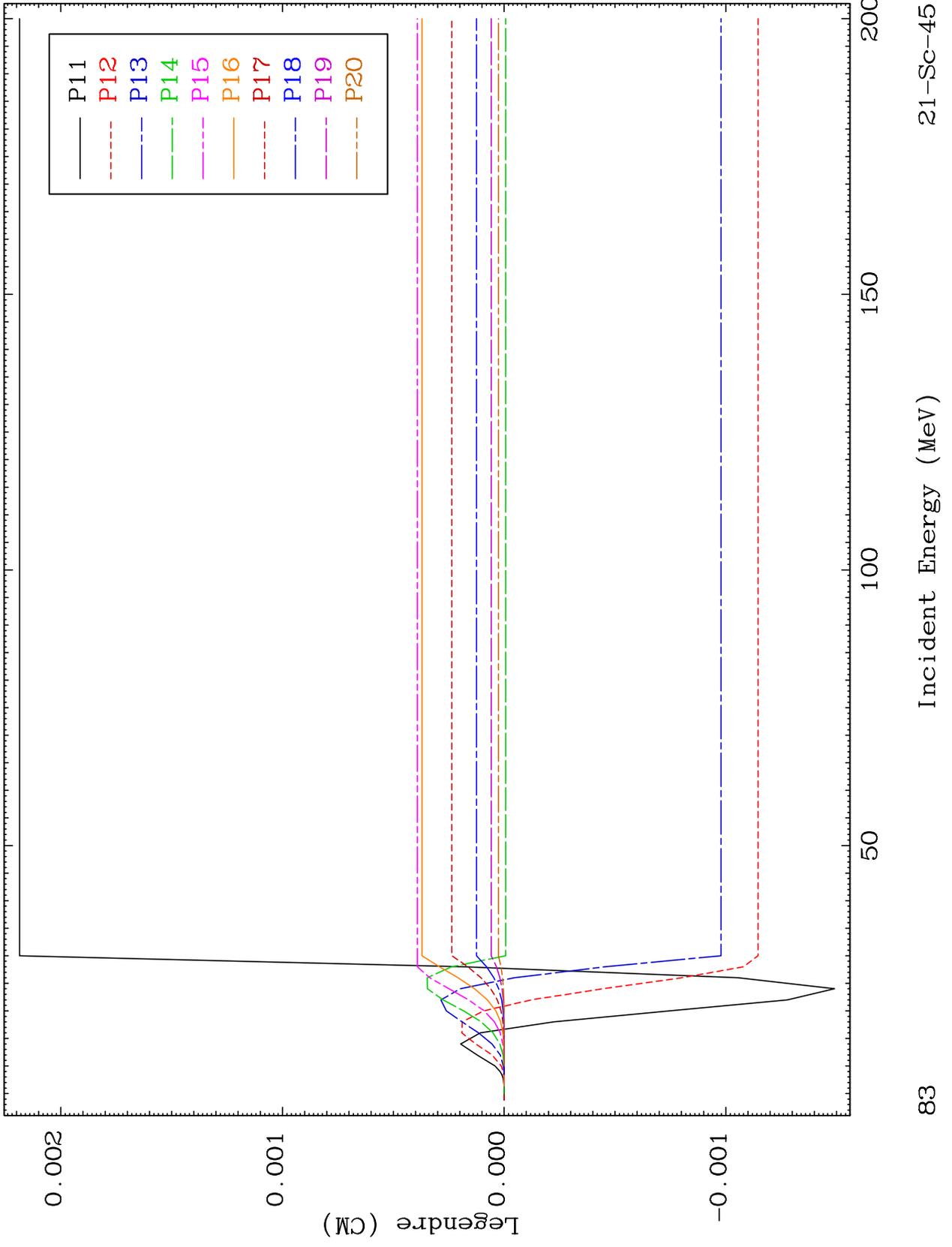
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

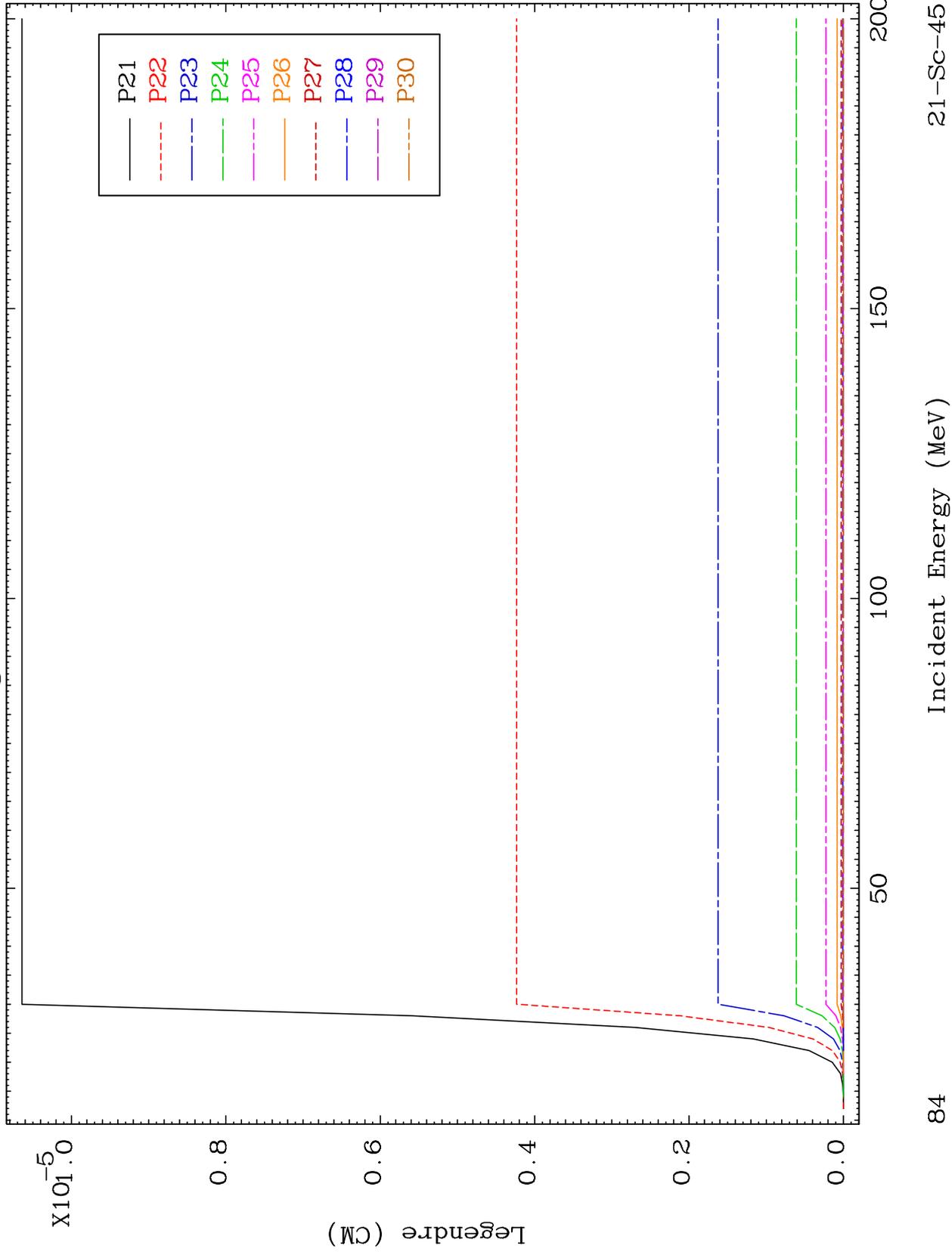
21-Sc-45



MAT 2125

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

21-Sc-45



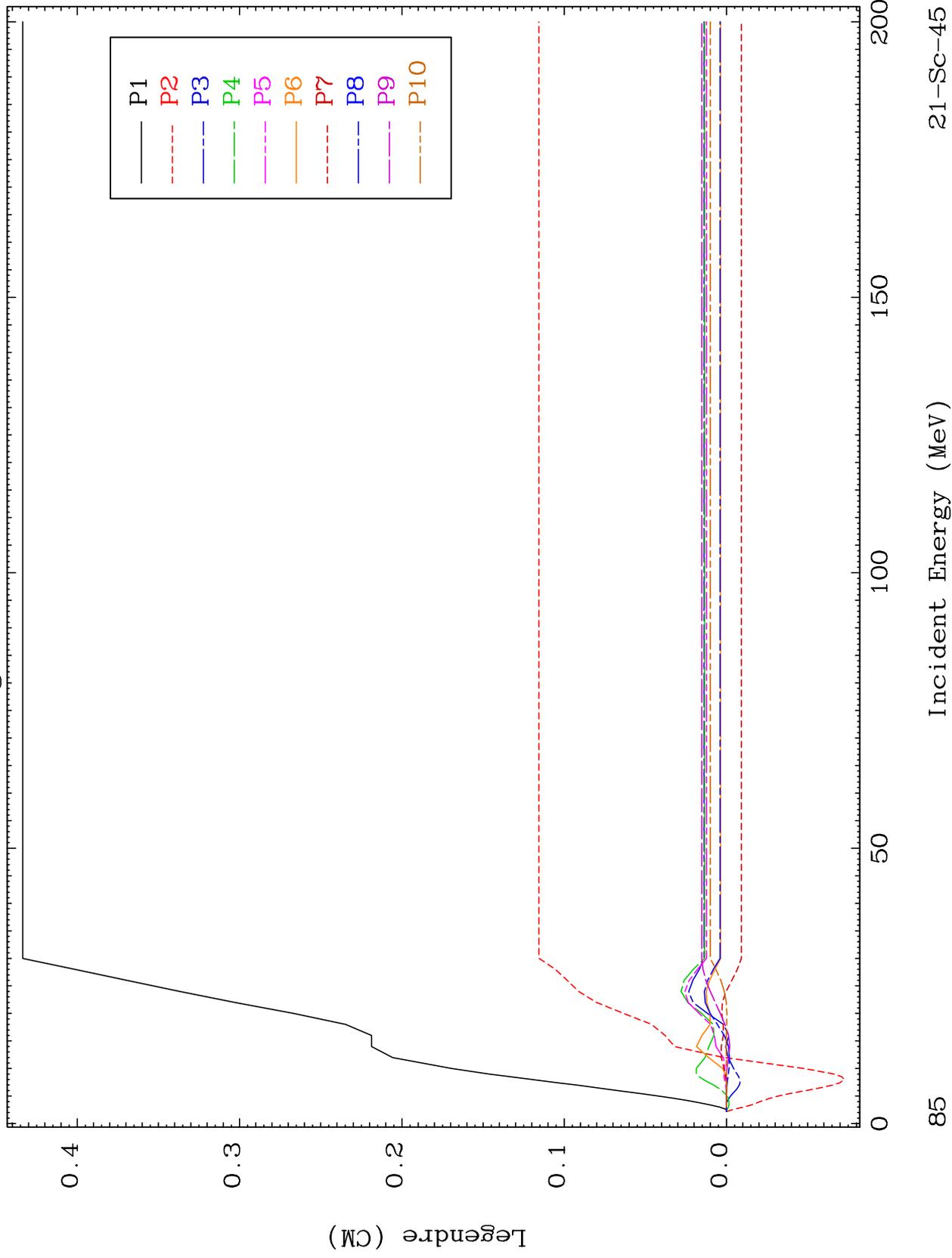
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21-Sc-45

MAT 2125

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

21-Sc-45



21-Sc-45

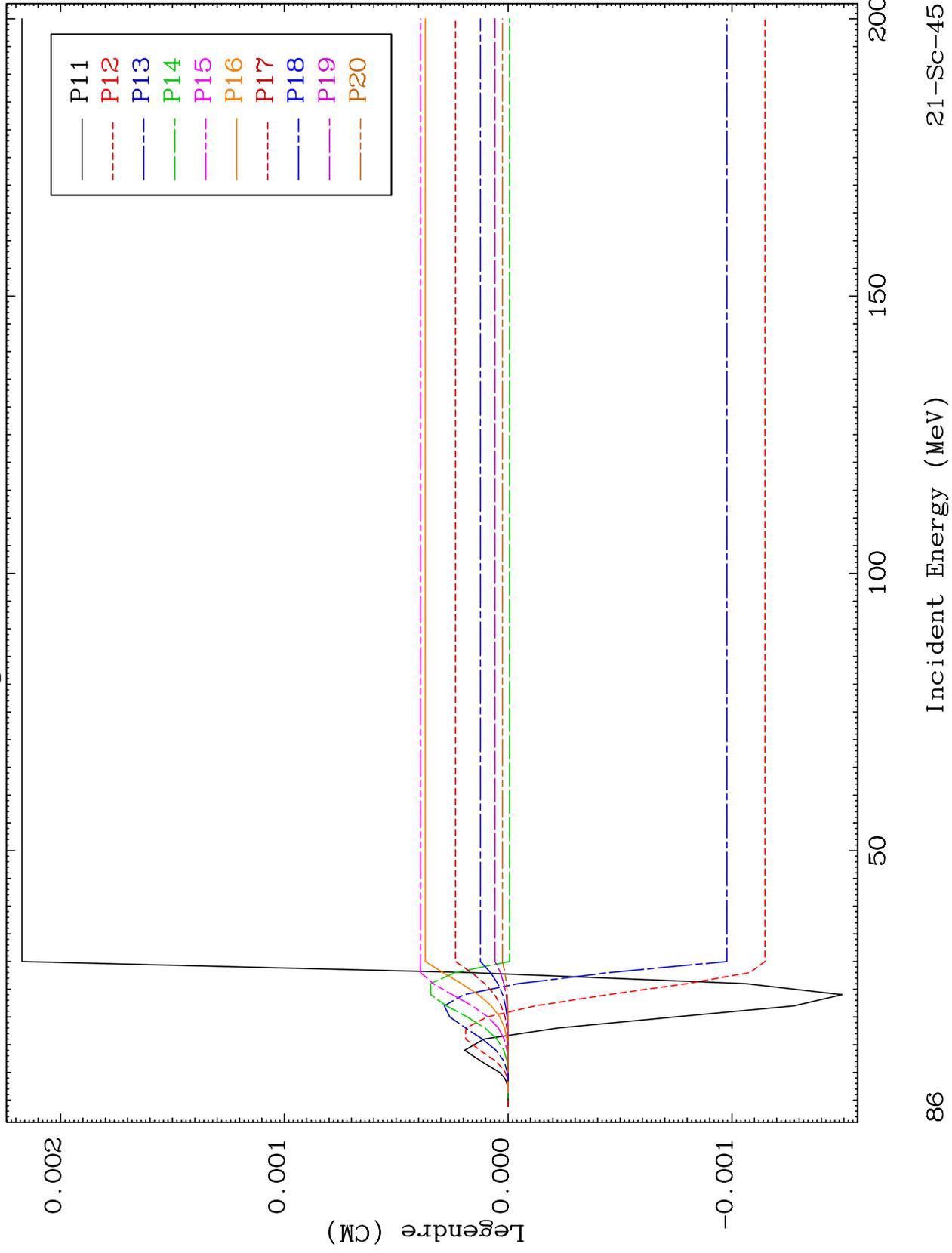
Incident Energy (MeV)

85

MAT 2125

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

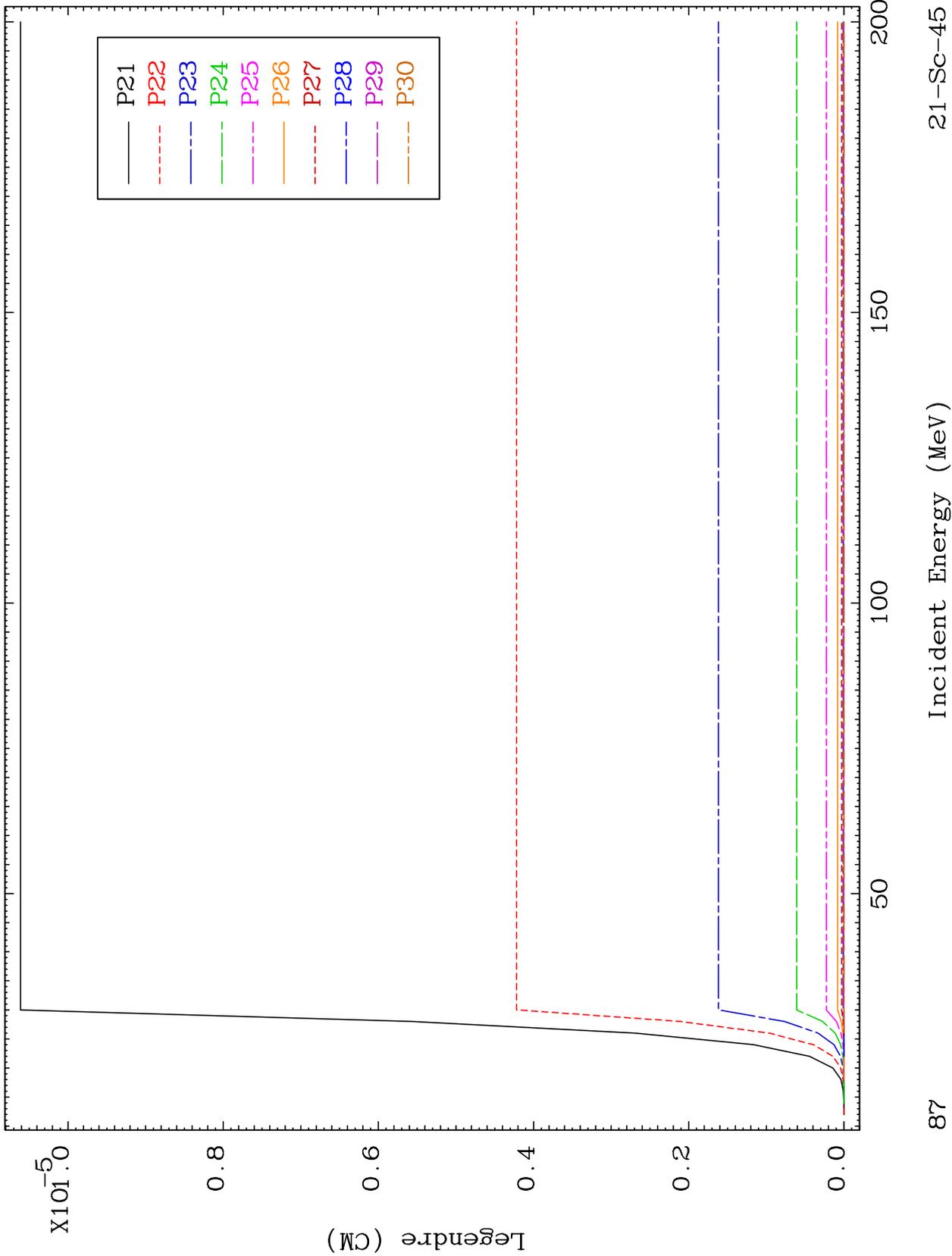
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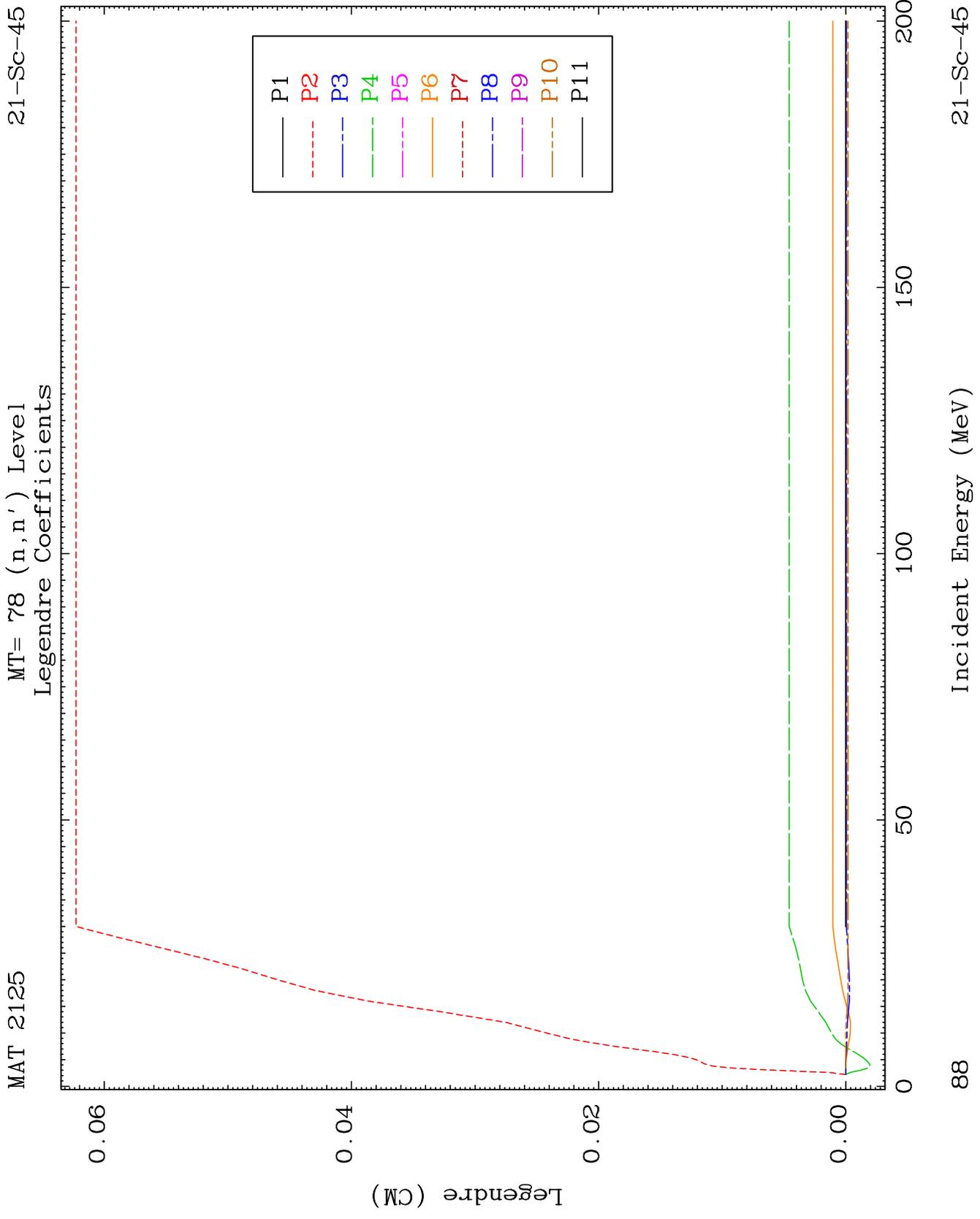


MAT 2125

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

21-Sc-45

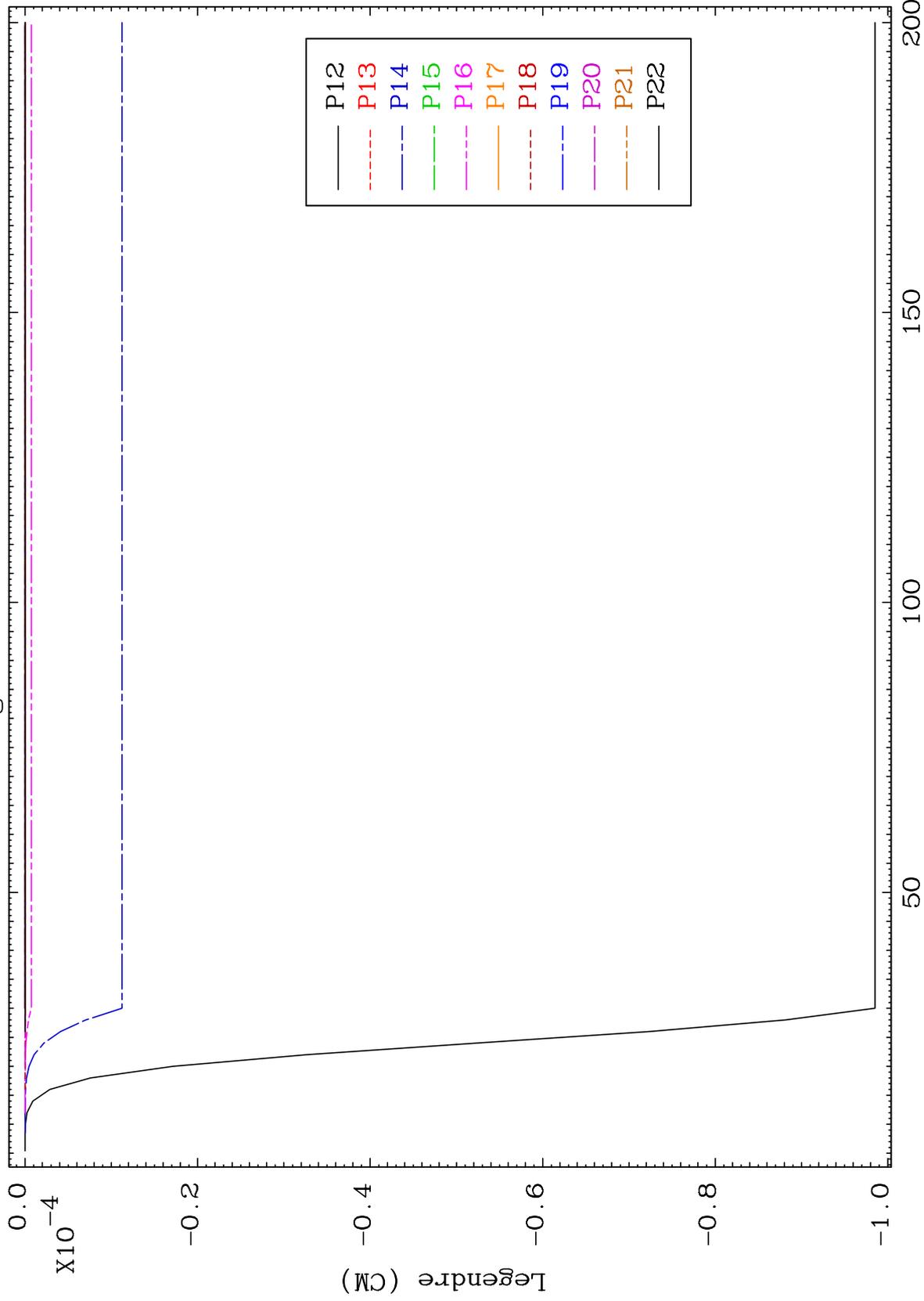




MAT 2125

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

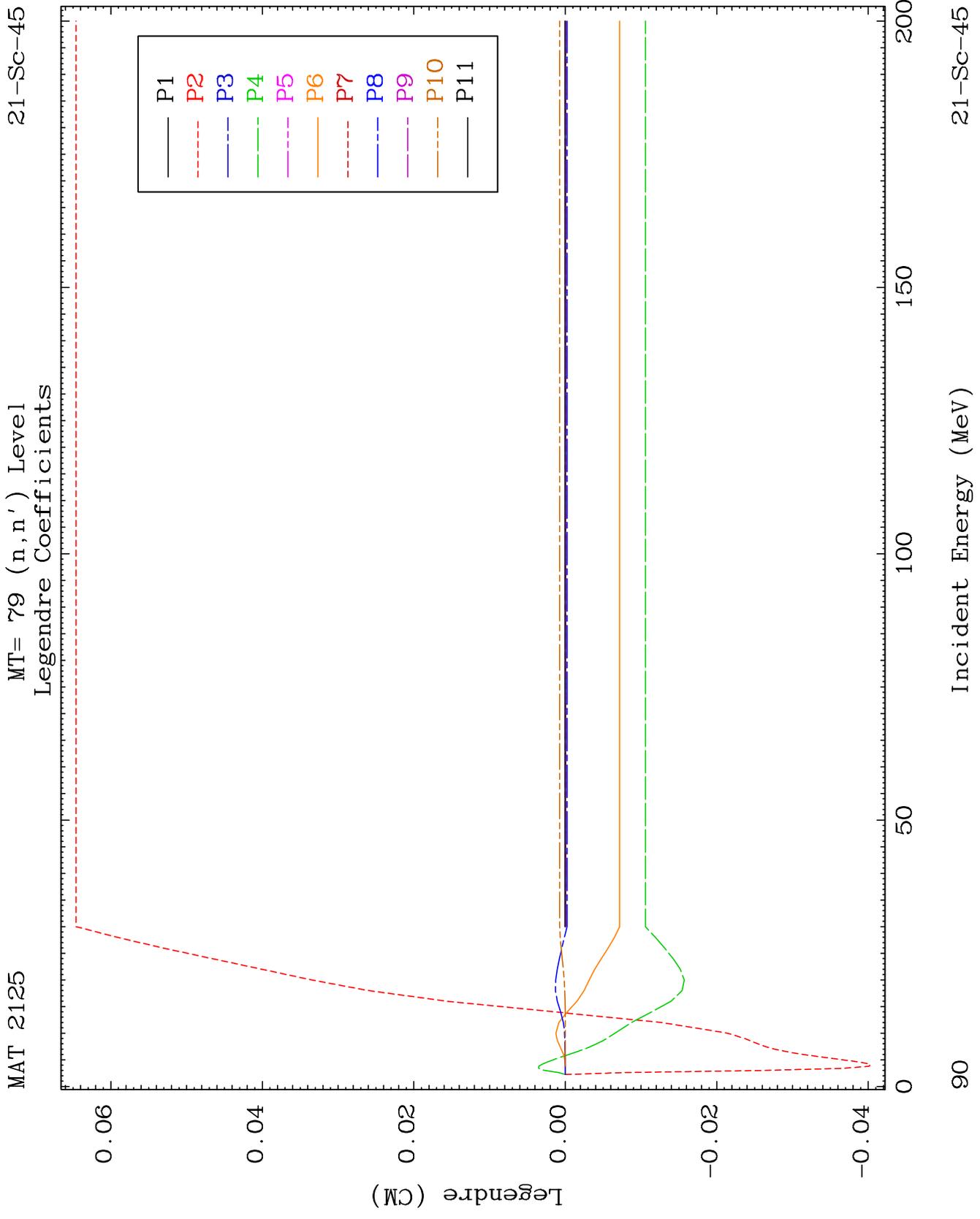
21-Sc-45



89

Incident Energy (MeV)

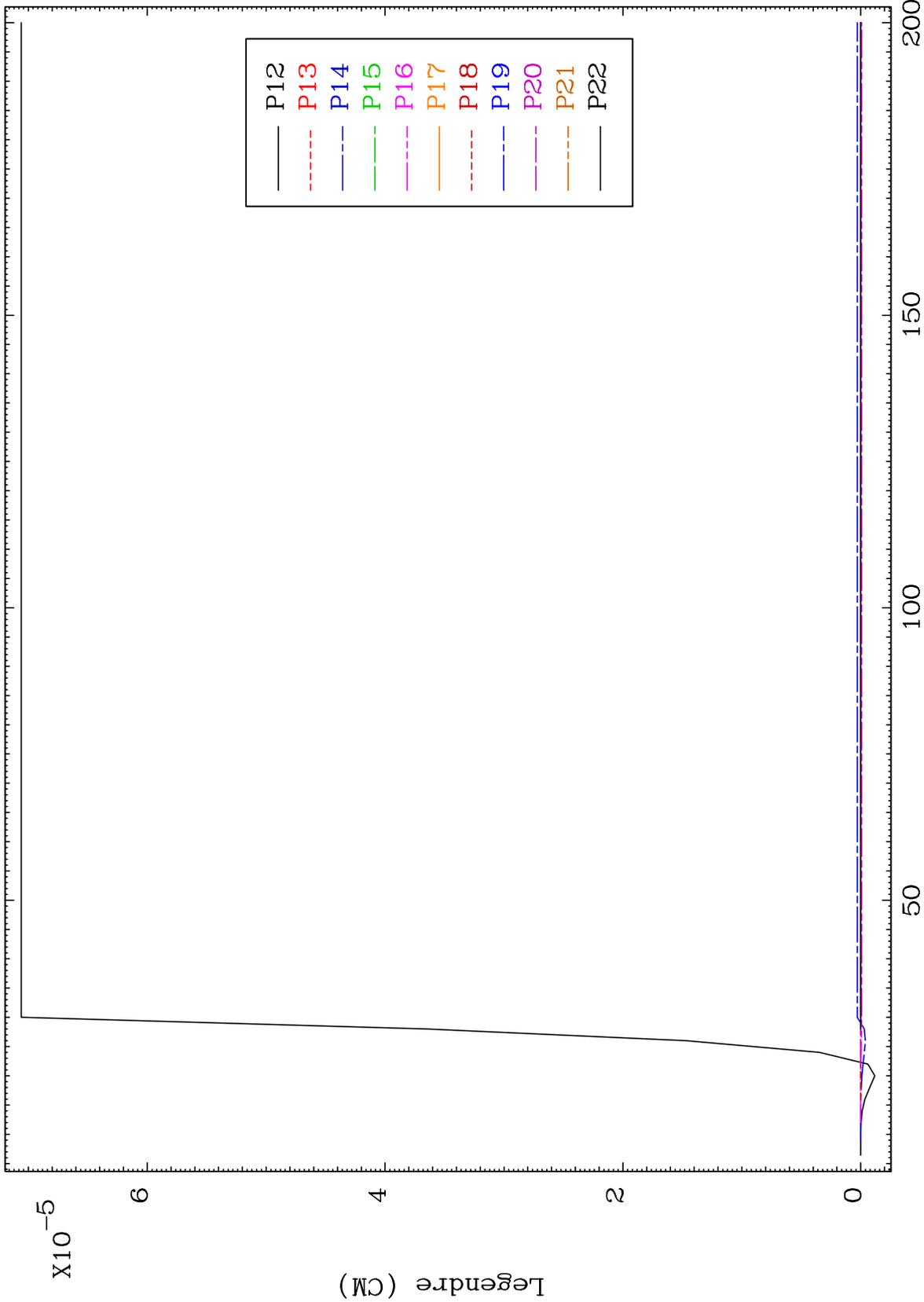
21-Sc-45



MAT 2125

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

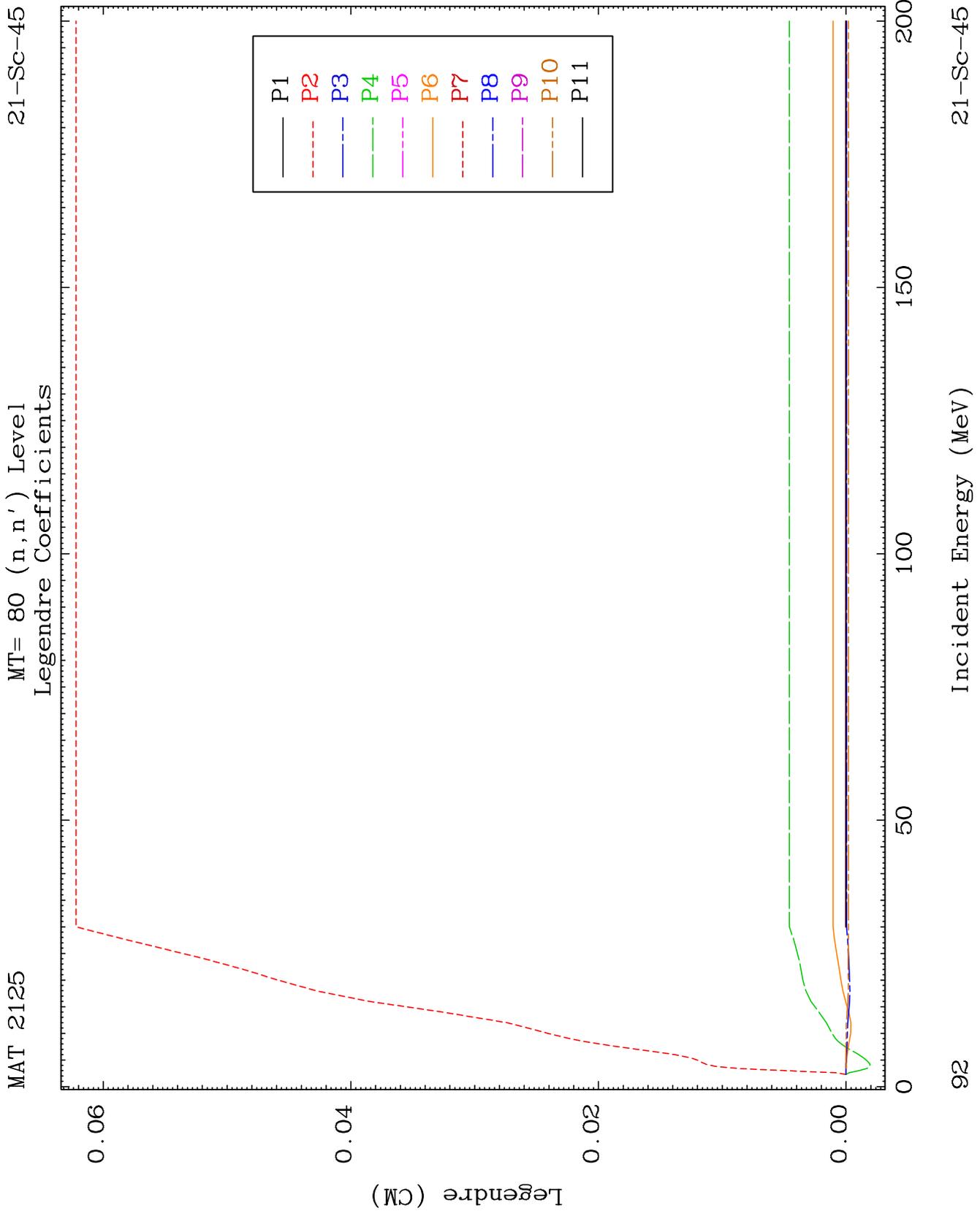
21-Sc-45

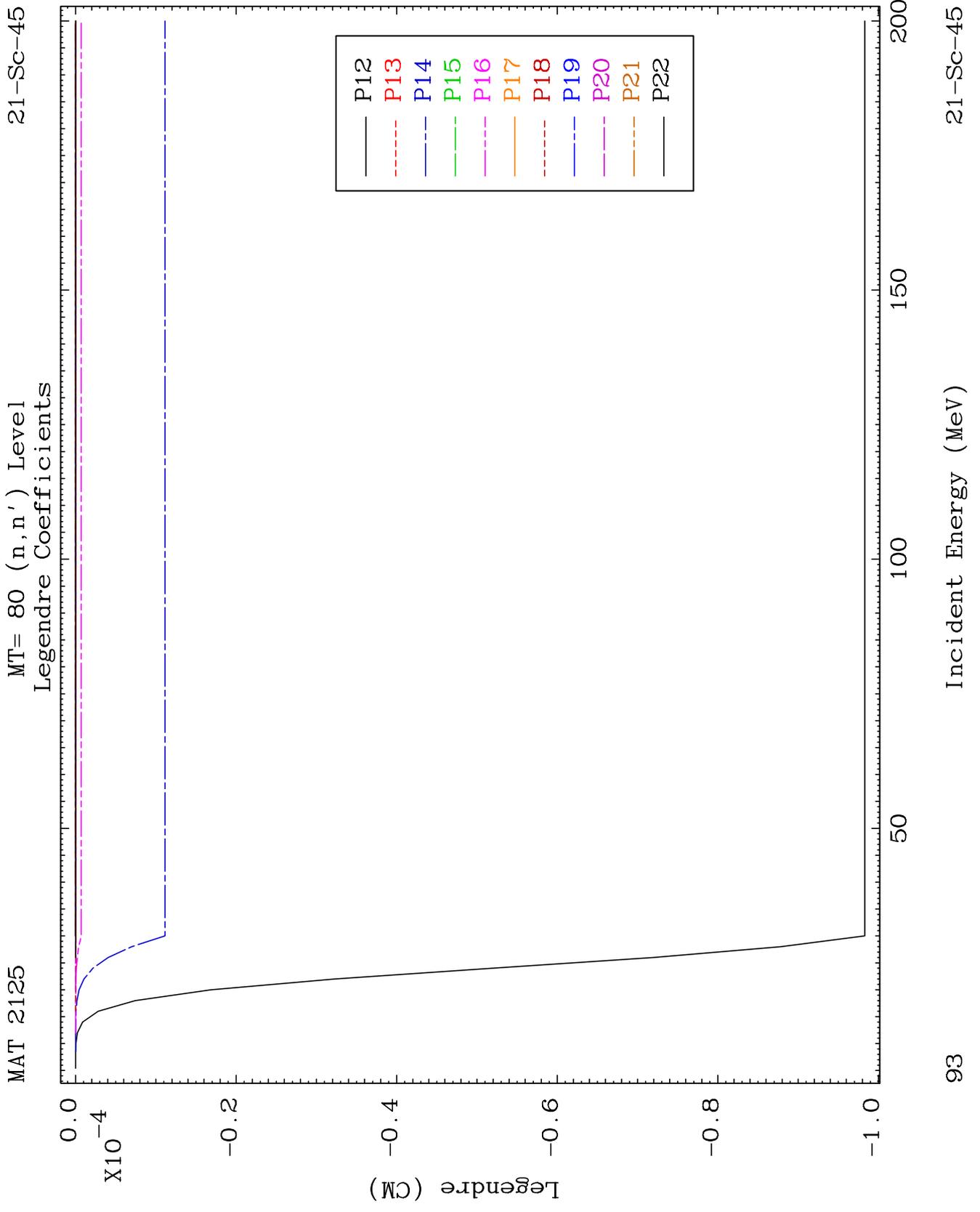


91

Incident Energy (MeV)

21-Sc-45

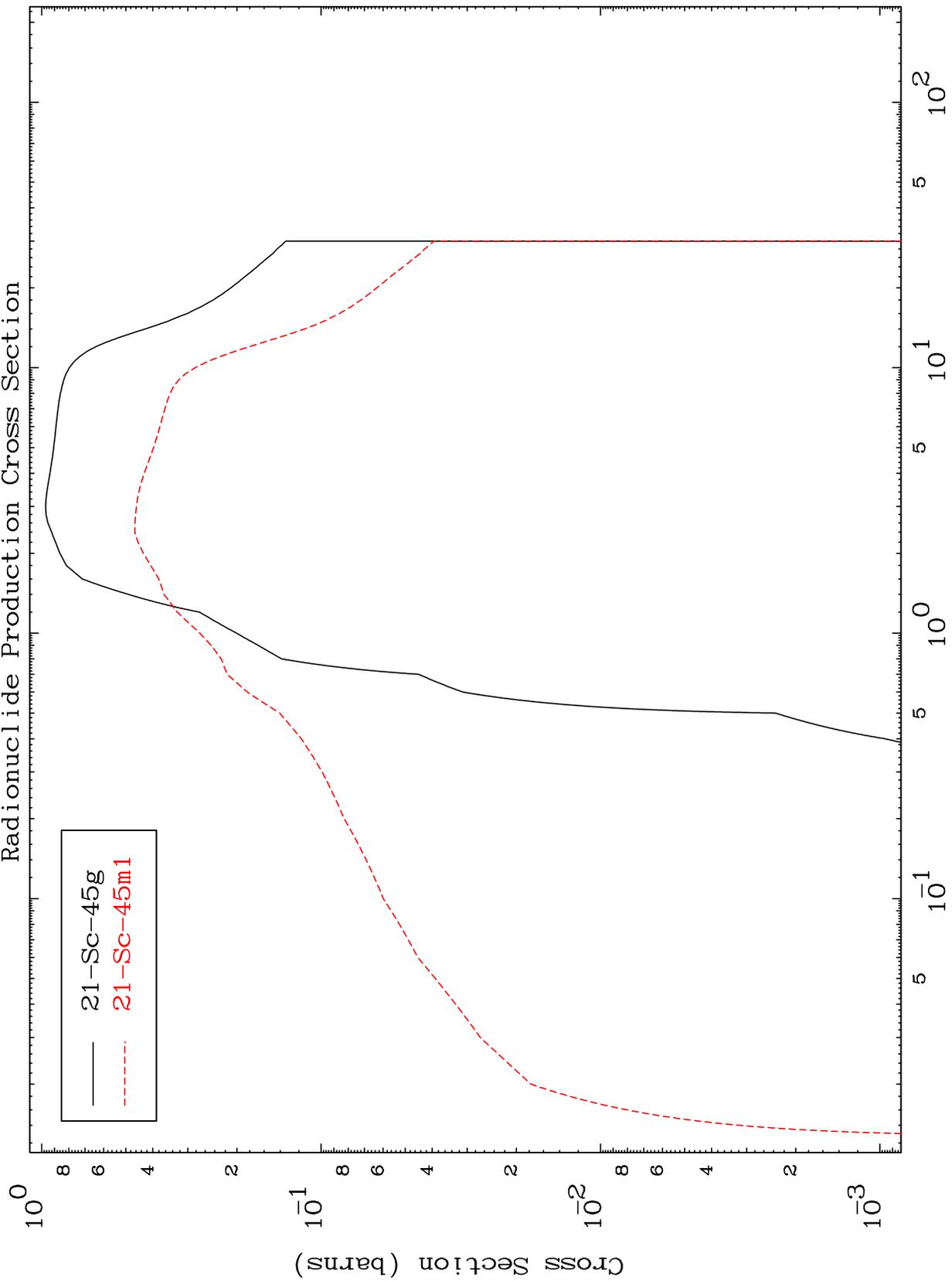




MAT 2125

21-Sc-45

Inelastic
Radionuclide Production Cross Section



— 21-Sc-45g
- - - 21-Sc-45m1

94

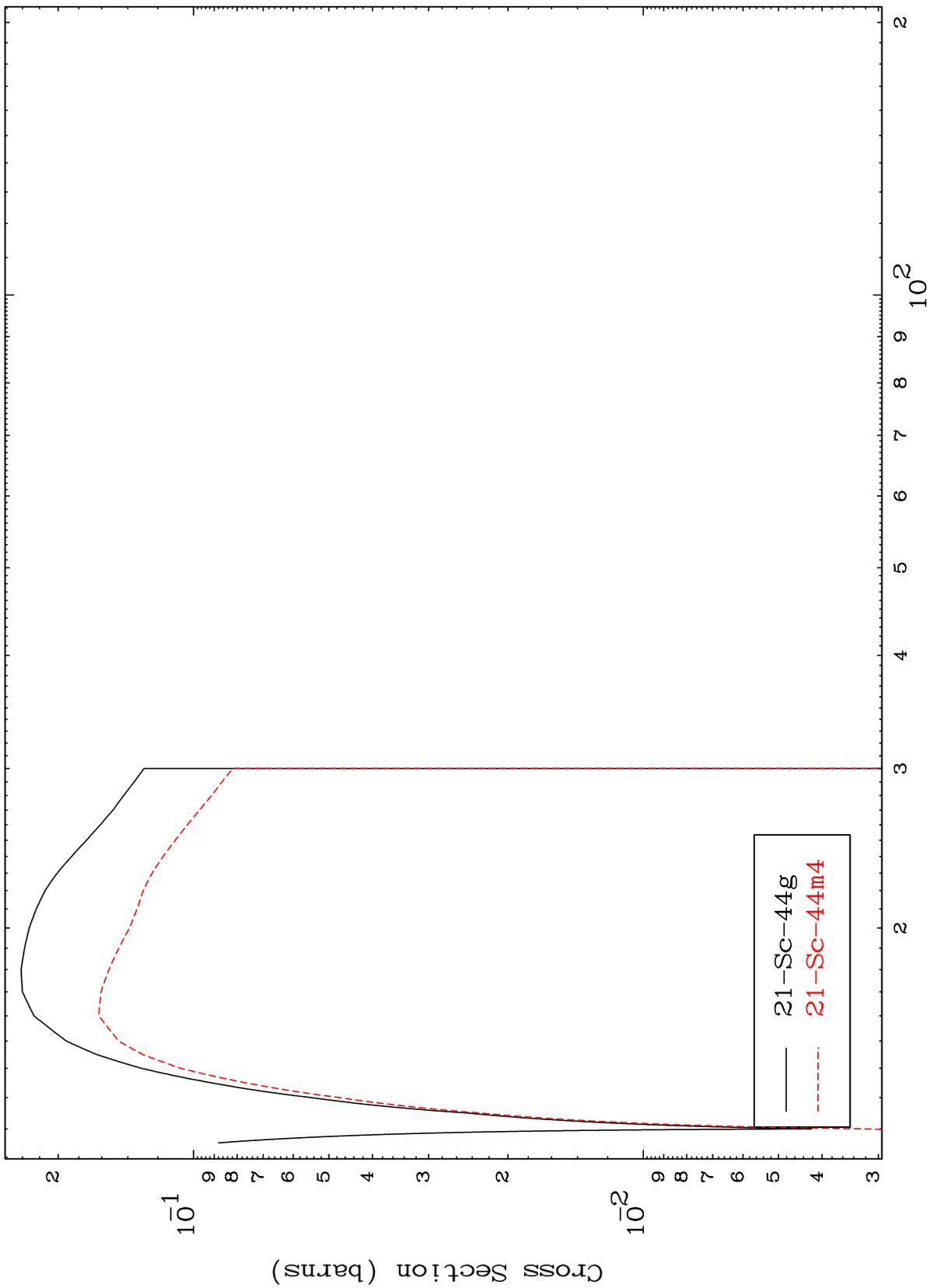
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

(n,2n)
Radionuclide Production Cross Section



95

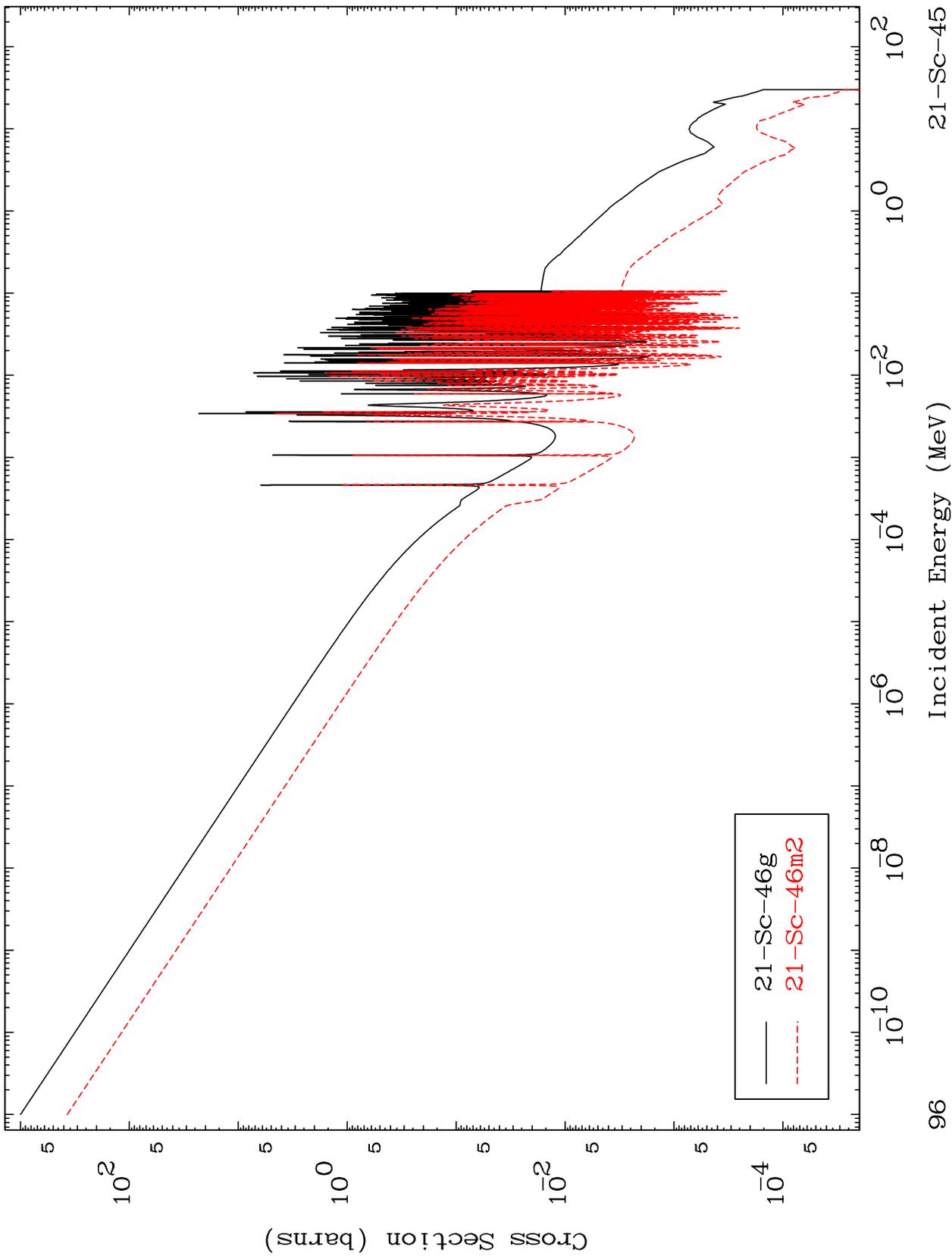
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

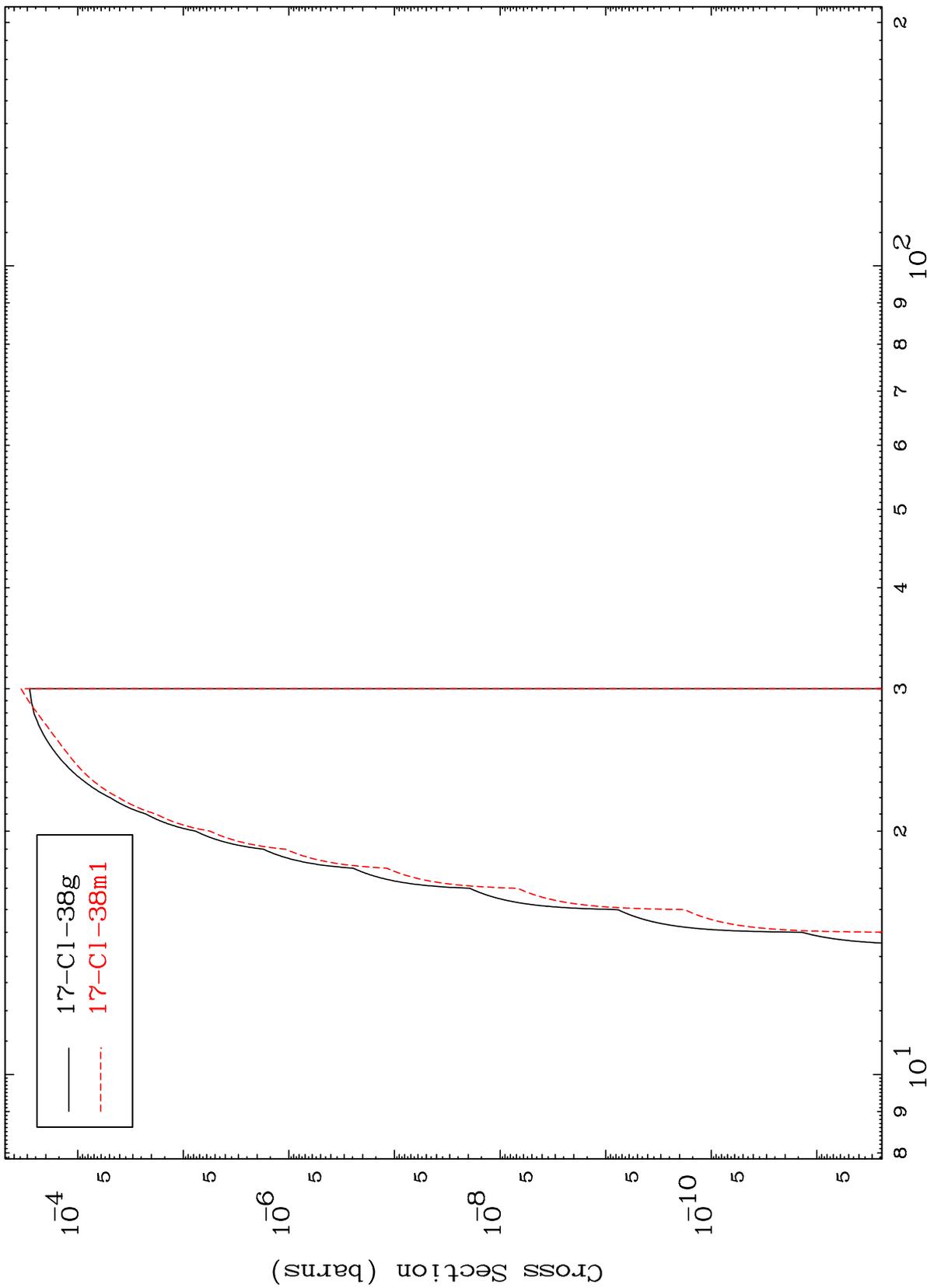
(n,γ)
Radionuclide Production Cross Section



MAT 2125

21-Sc-45

(n,2α)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

21-Sc-45