

Program EVALPLOT
(Version 2021-1)

by

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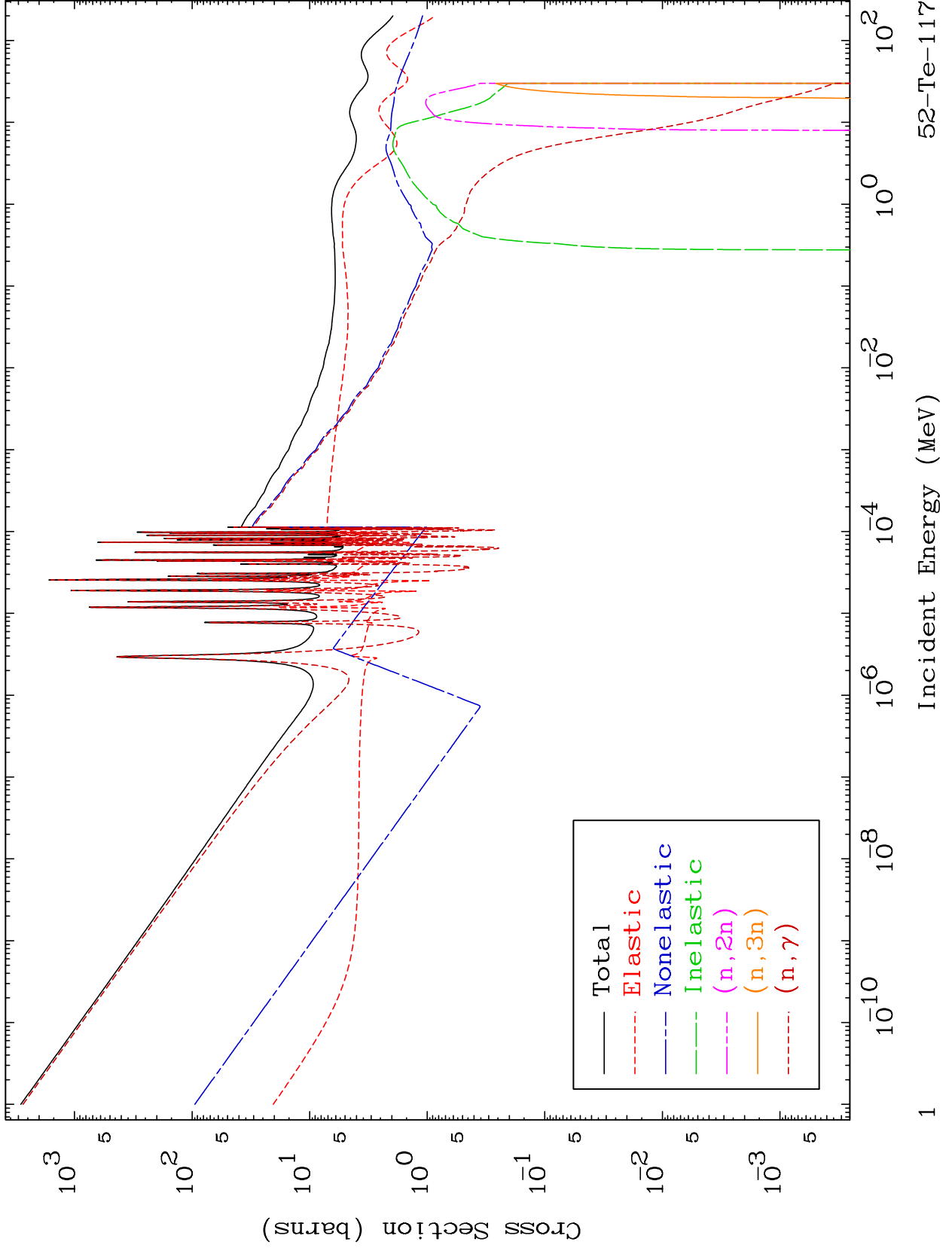
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Press Mouse Button to Start

MAT 5216

Neutron Major
293 Kelvin Cross Sections

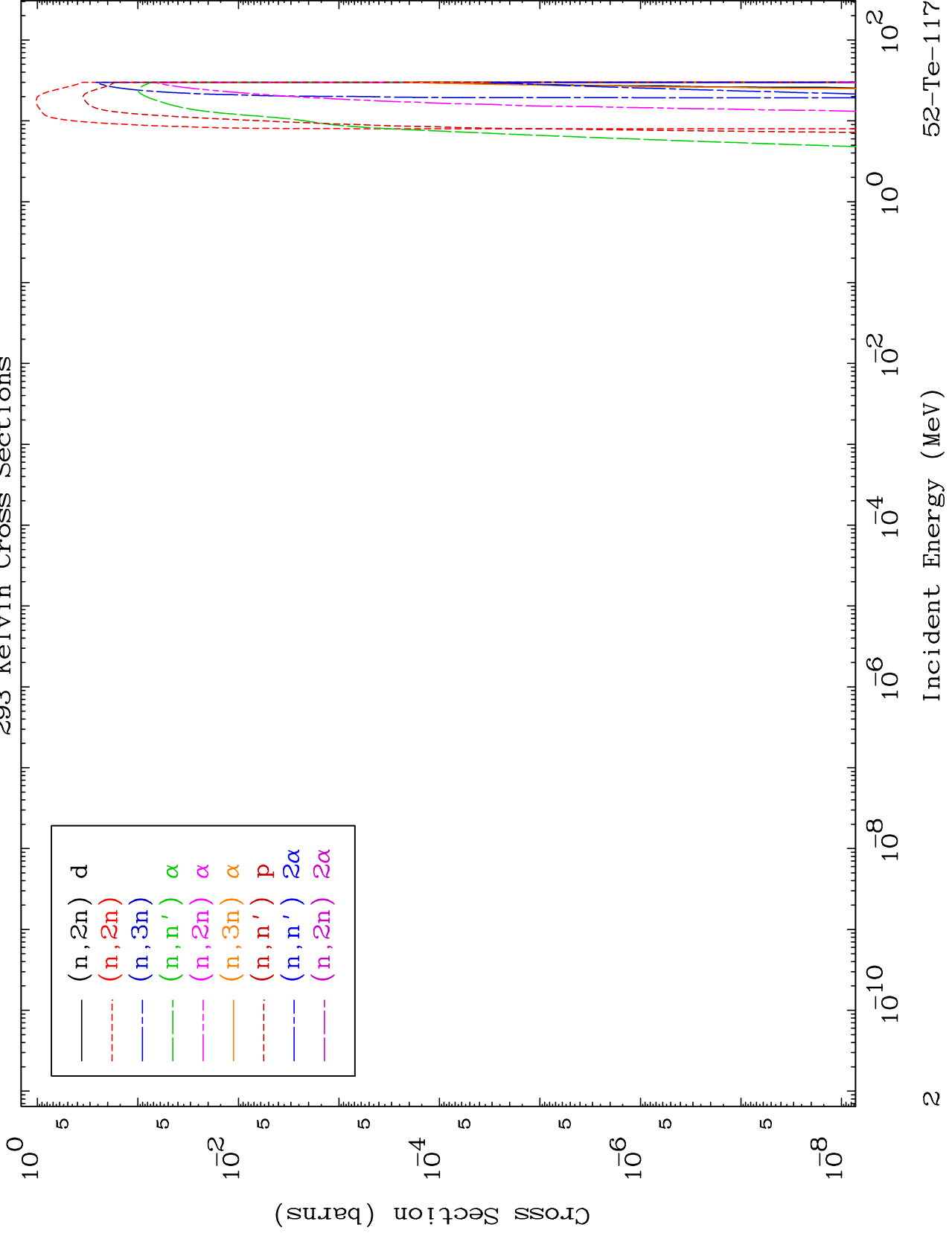
52-Te-117



MAT 5216

Neutron Absorption
293 Kelvin Cross Sections

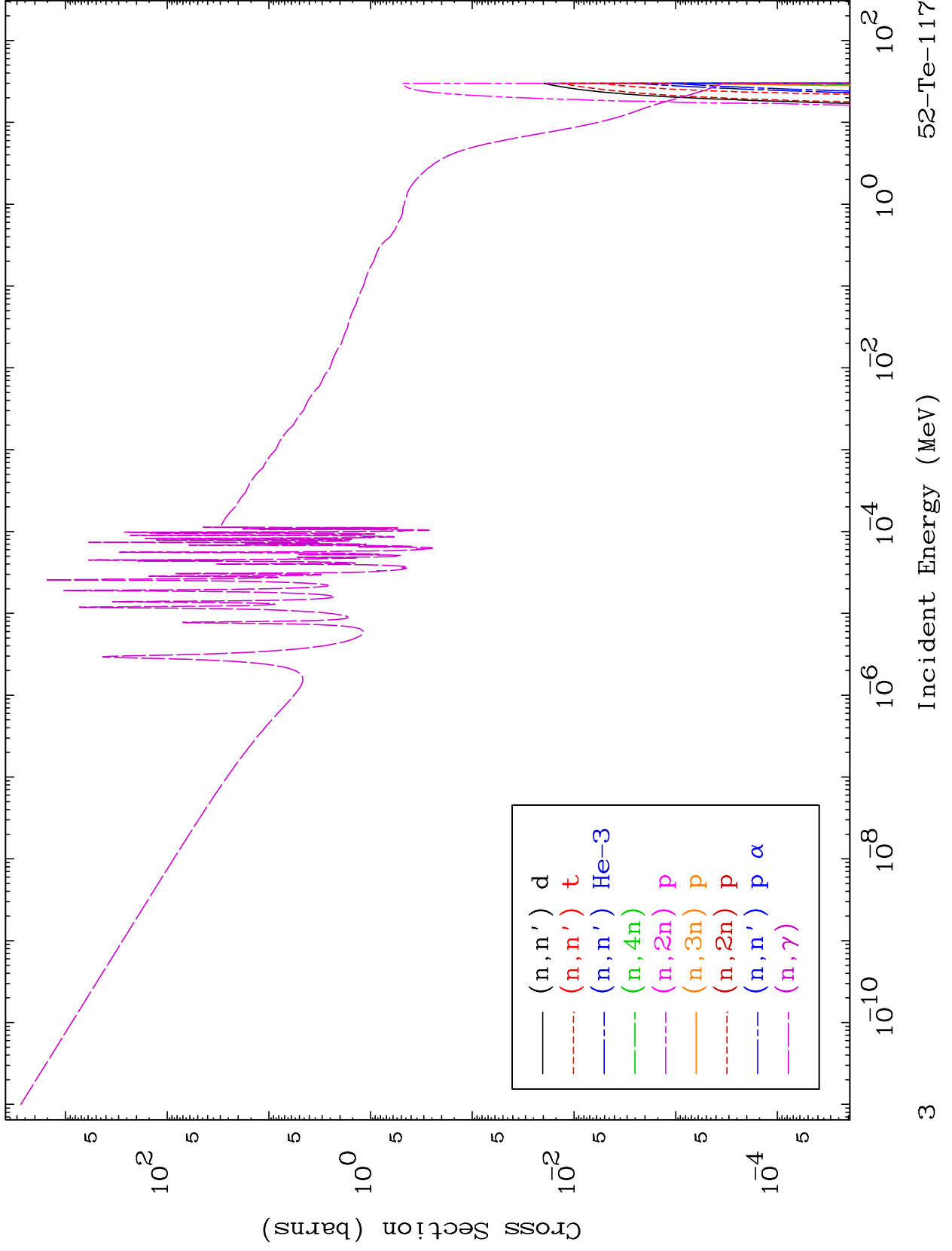
52-Te-117



MAT 5216

Neutron Absorption
293 Kelvin Cross Sections

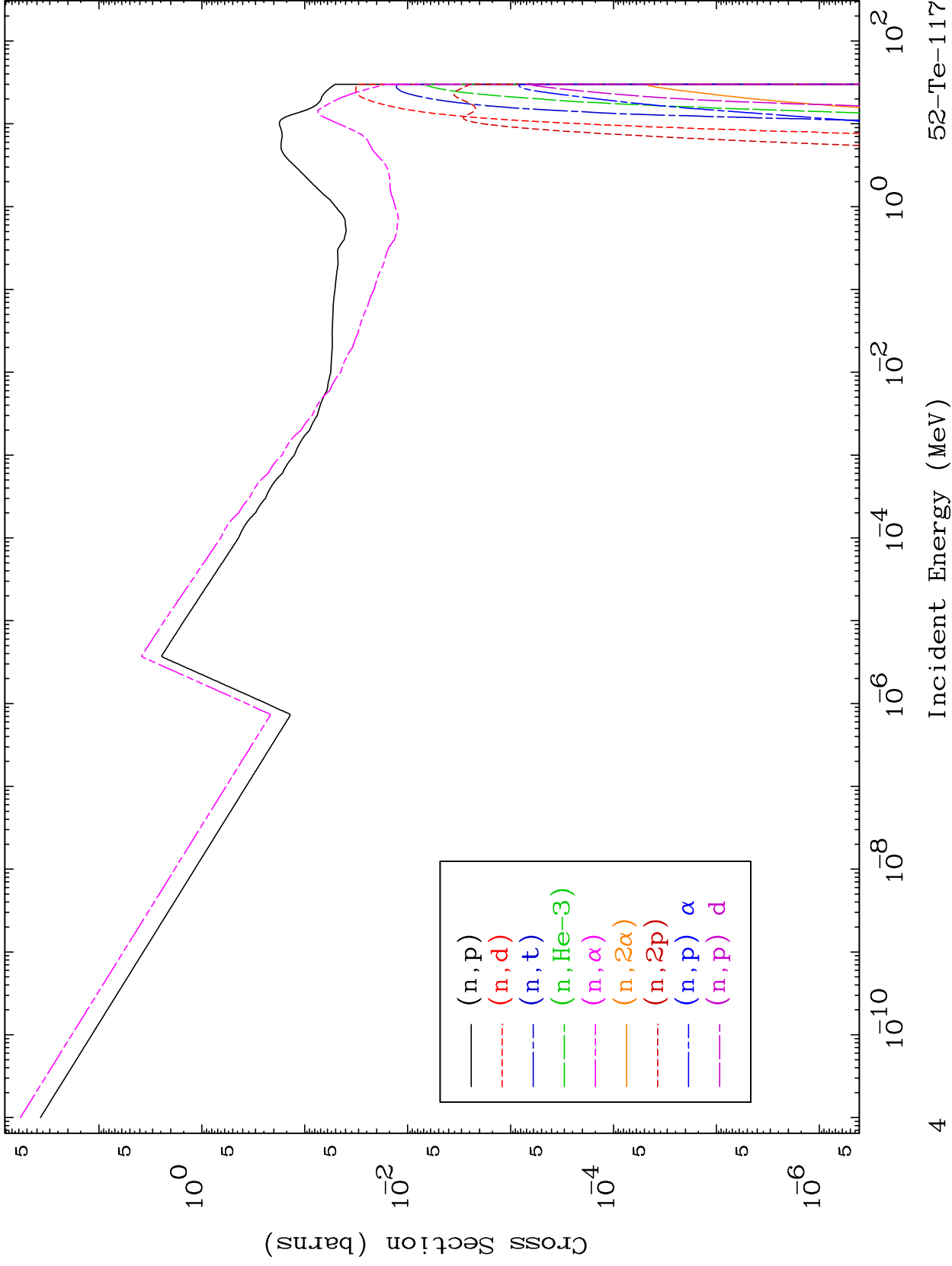
52-Te-117



MAT 5216

Neutron Absorption
293 Kelvin Cross Sections

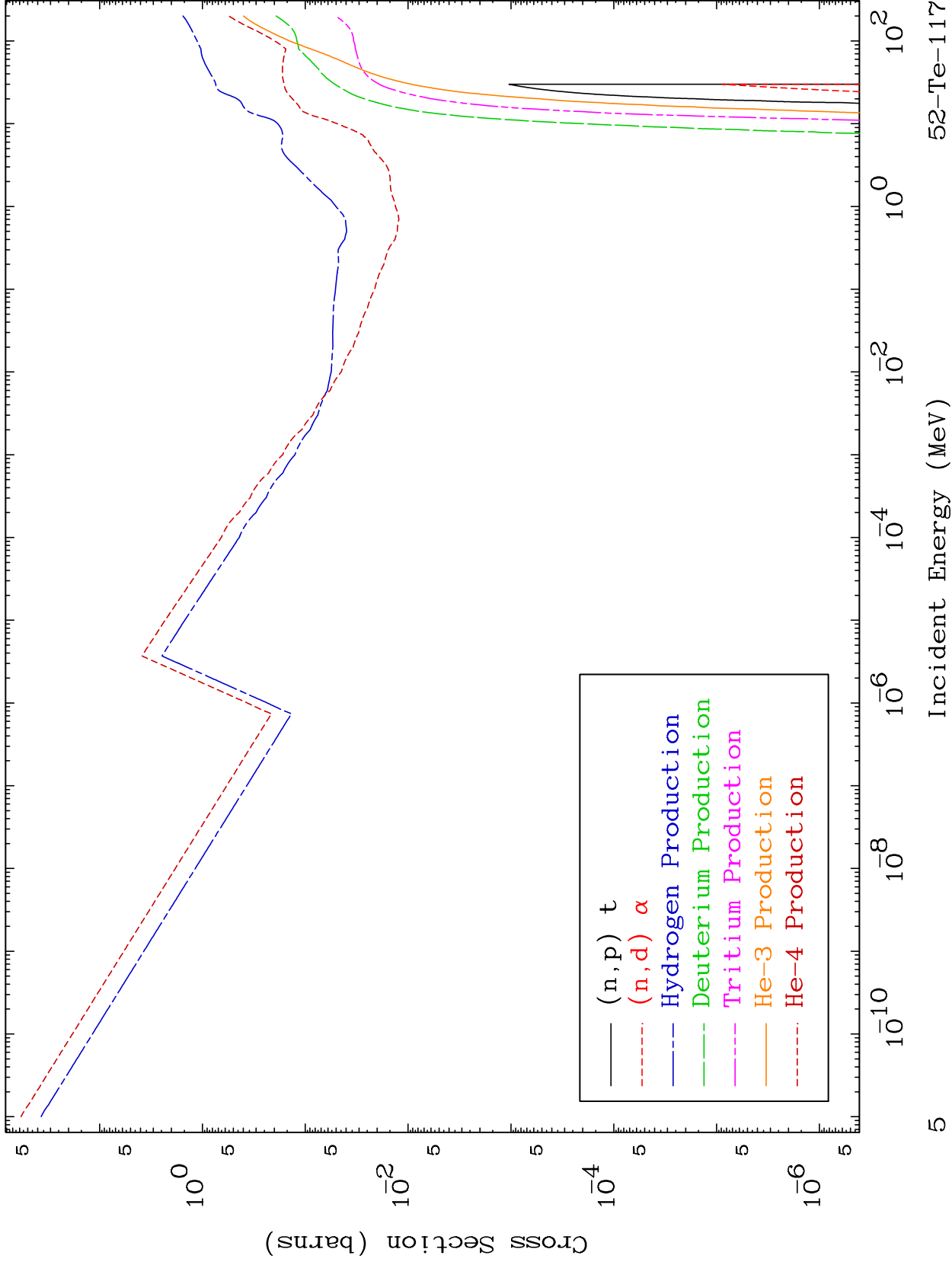
52-Te-117



MAT 5216

Neutron Absorption
293 Kelvin Cross Sections

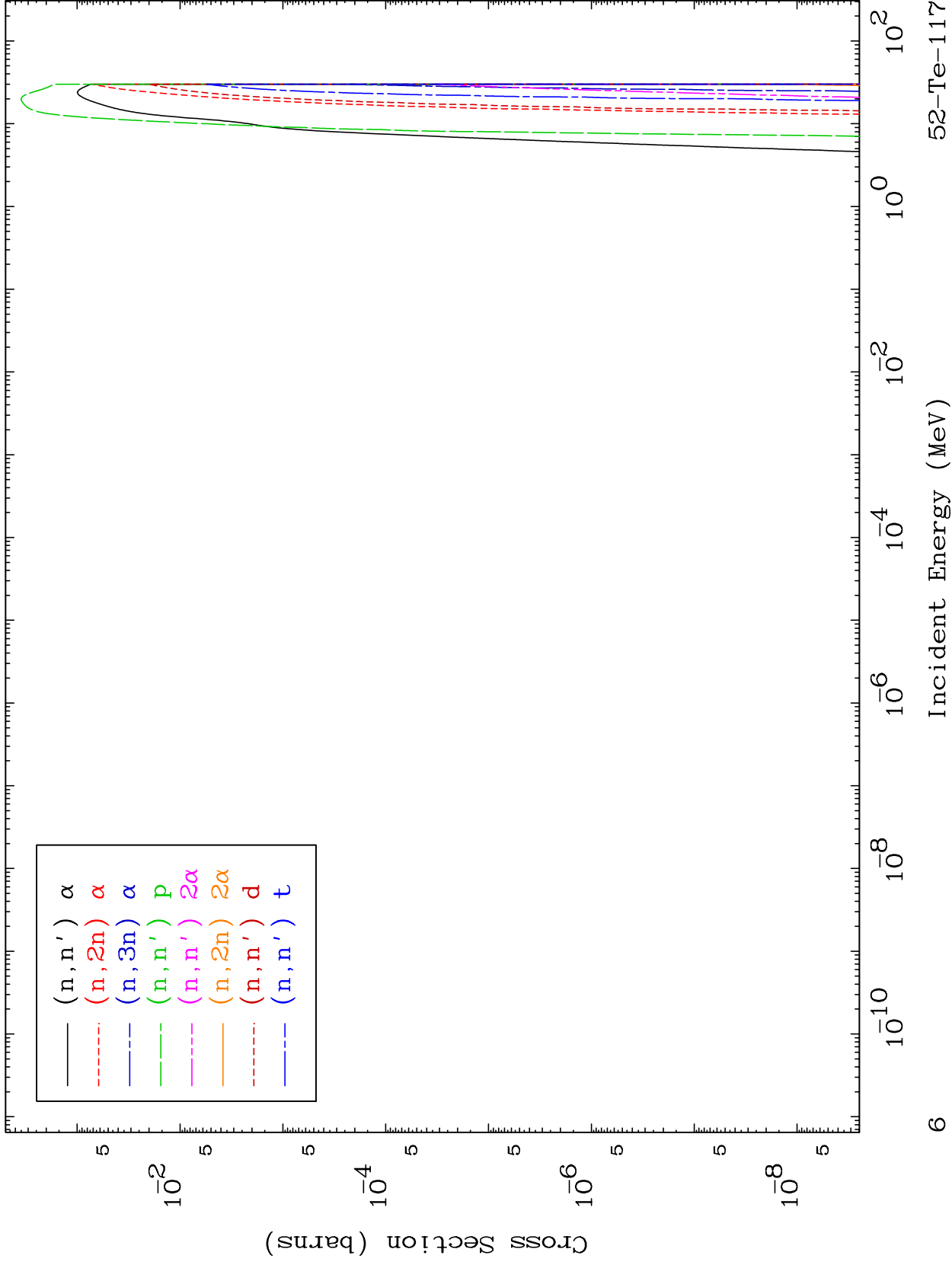
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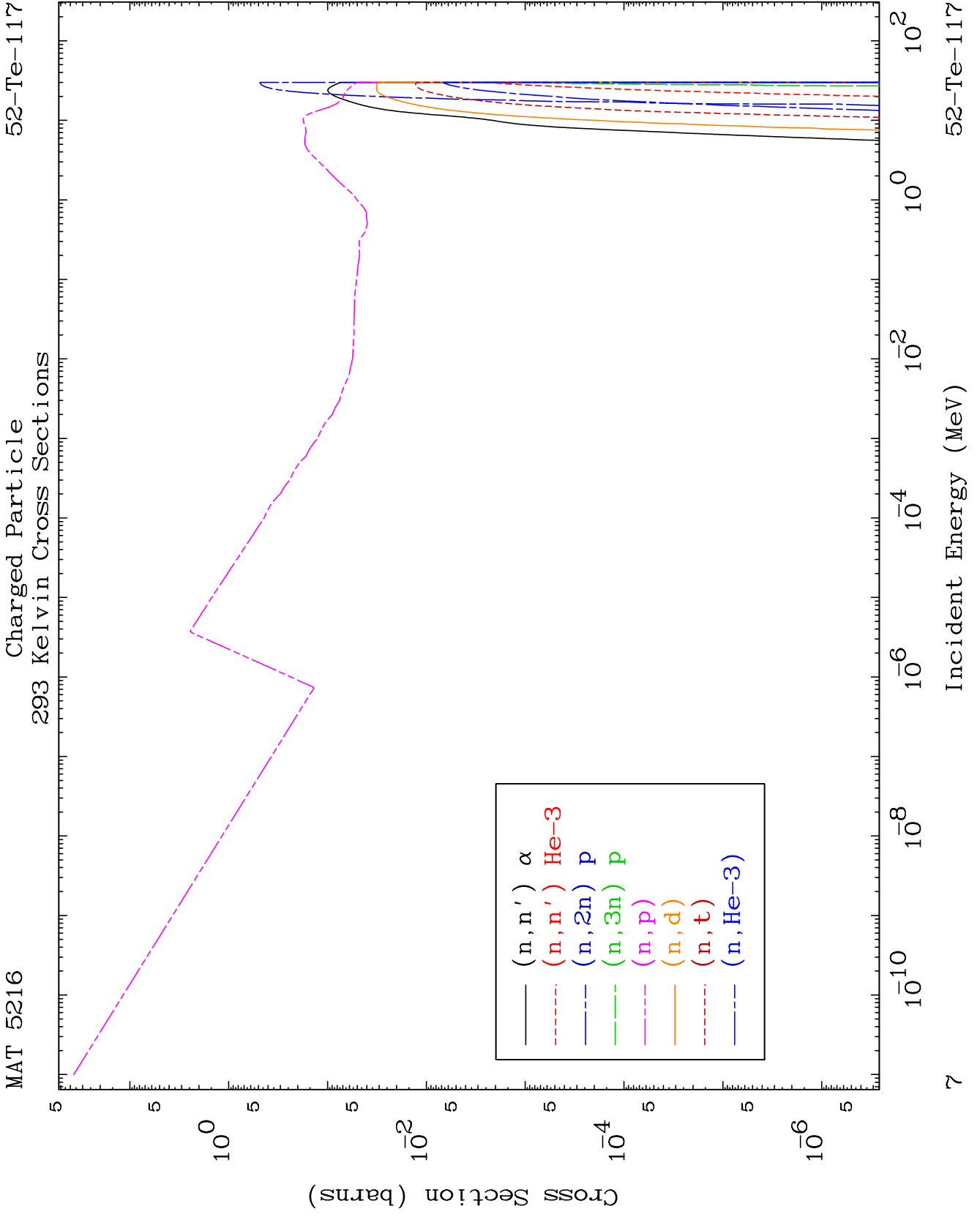


MAT 5216

Charged Particle
293 Kelvin Cross Sections

52-Te-117

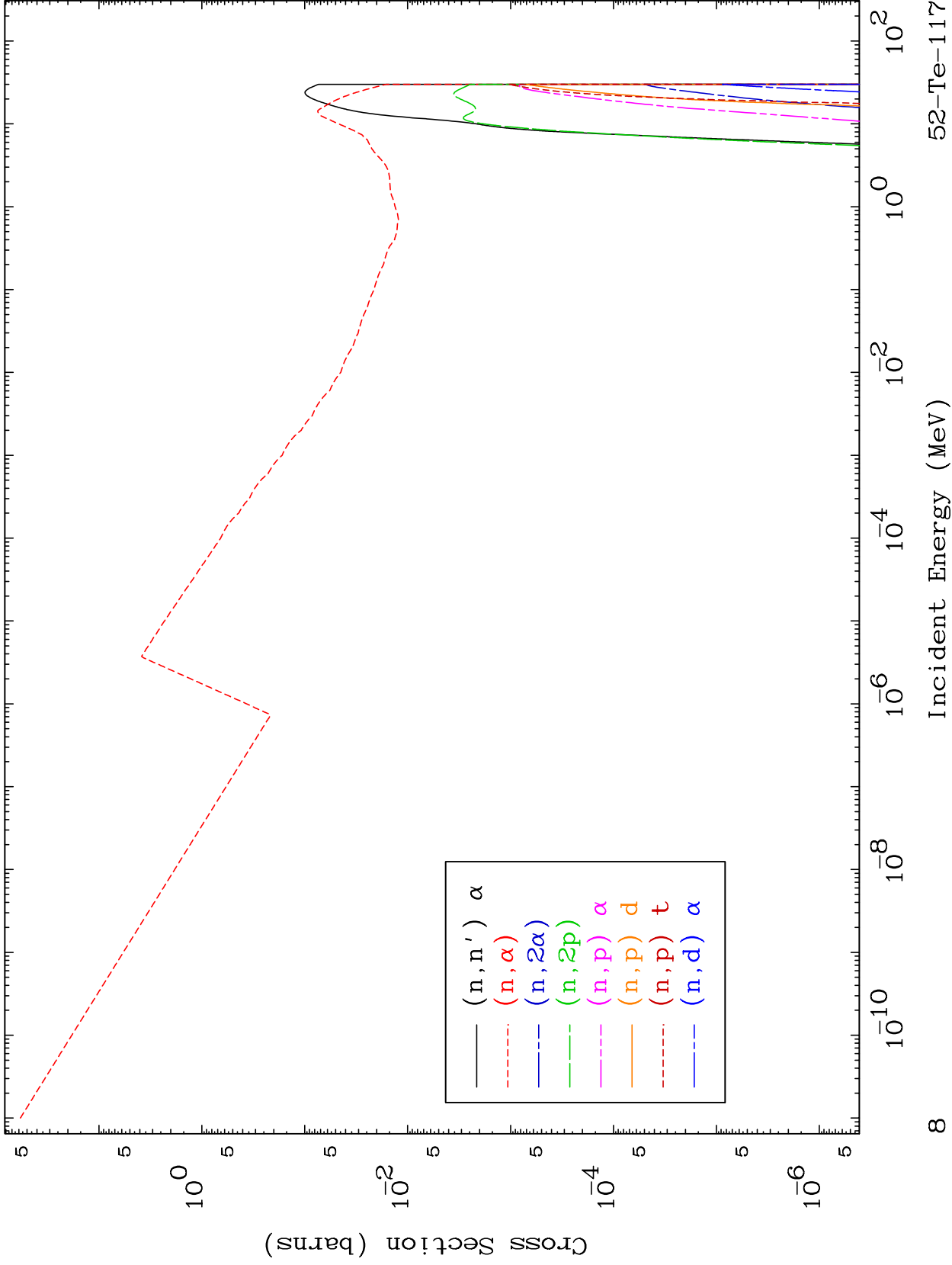




MAT 5216

Charged Particle
293 Kelvin Cross Sections

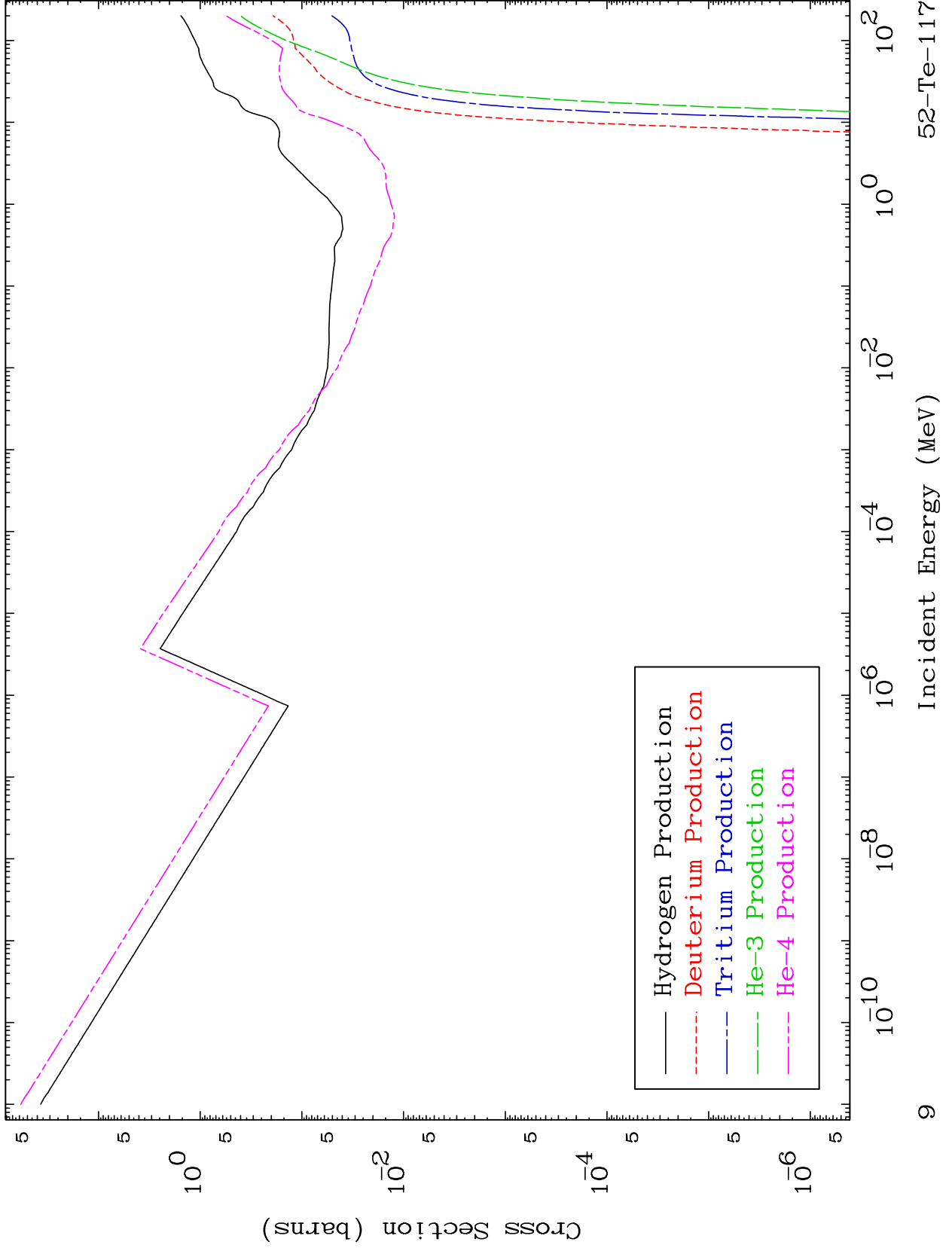
52-Te-117



MAT 5216

Particle Production
293 Kelvin Cross Sections

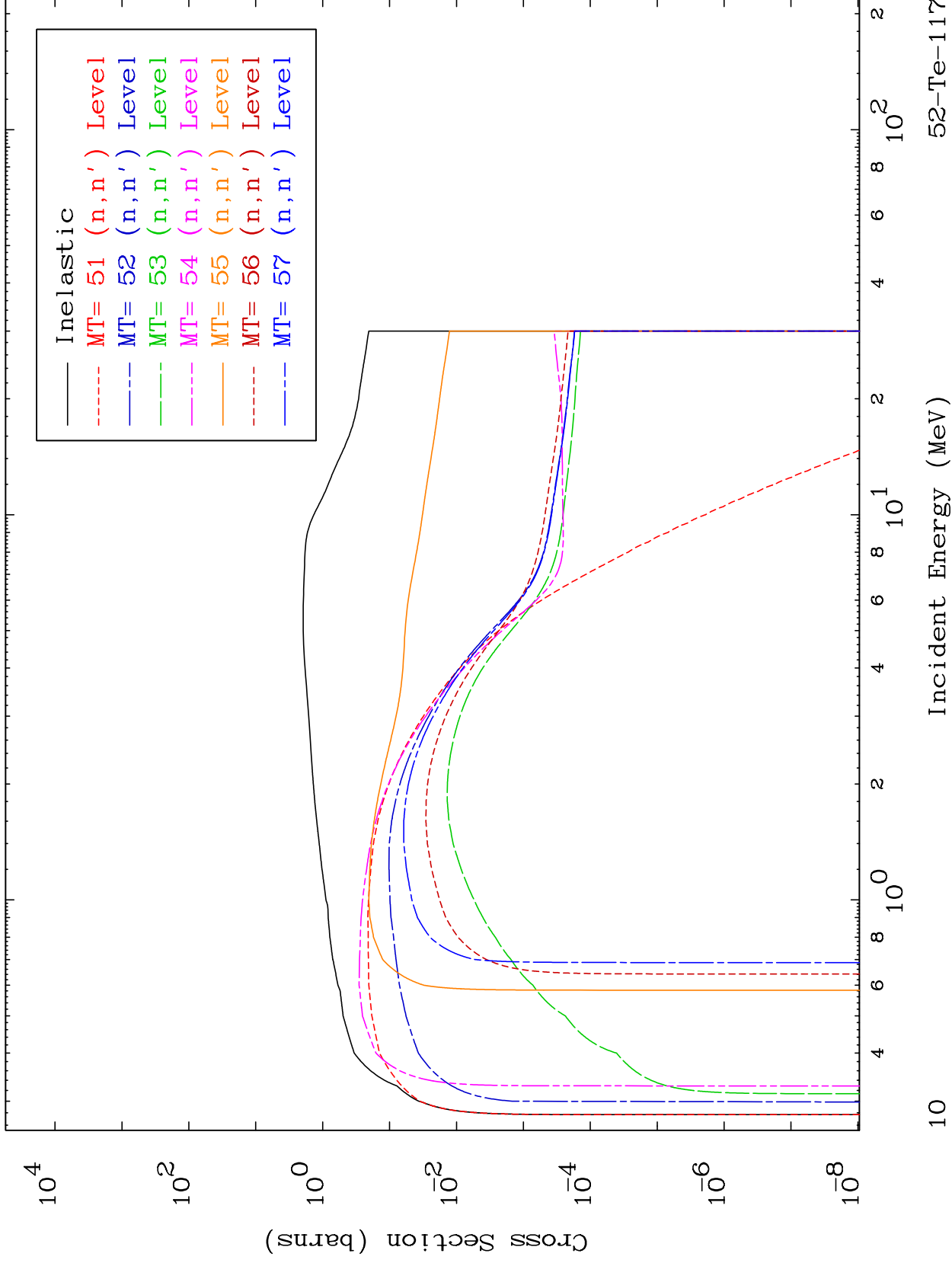
52-Te-117



MAT 5216

(n,n') Levels
293 Kelvin Cross Sections

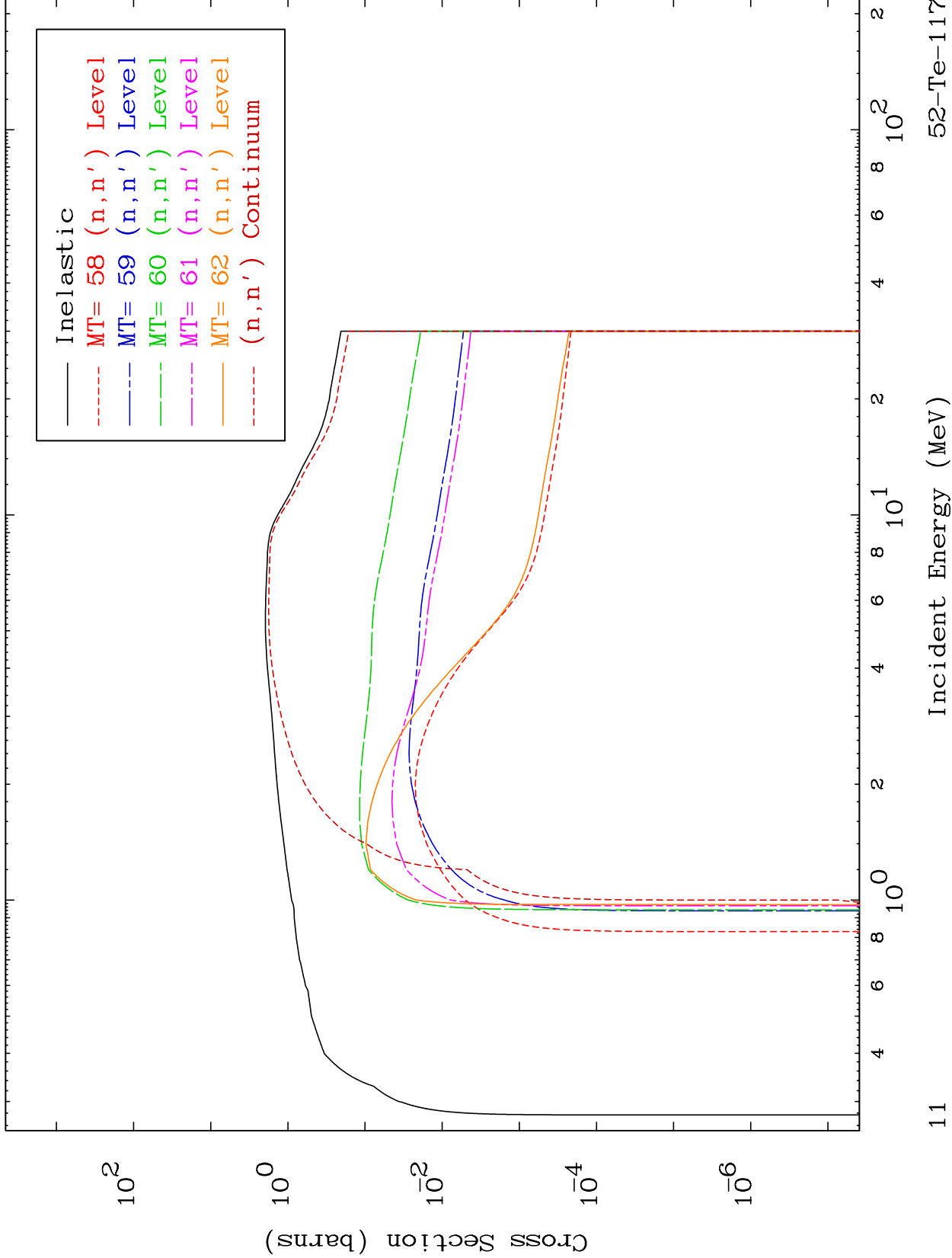
52-Te-117



10

Incident Energy (MeV)

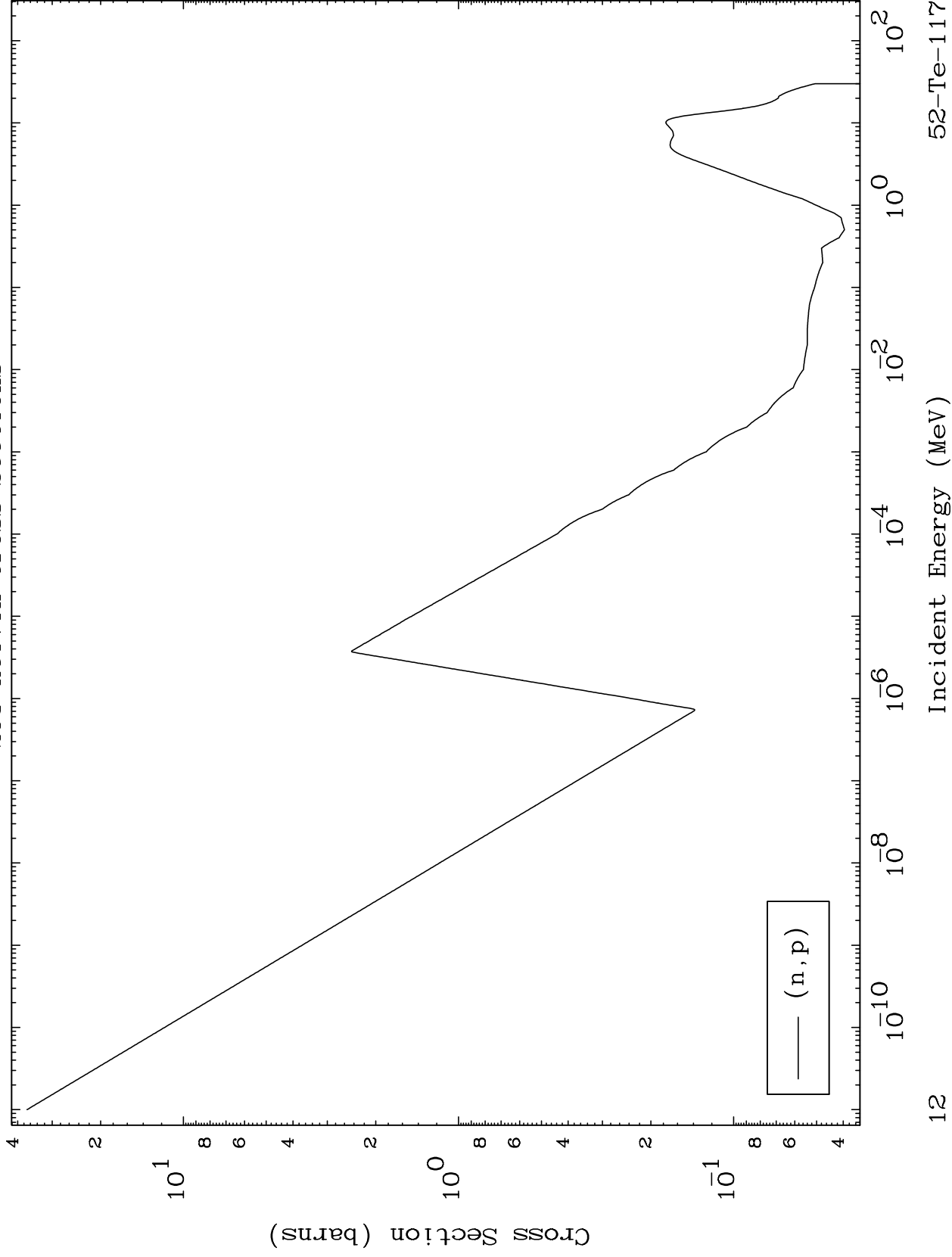
52-Te-117



MAT 5216

(n,p) Levels
293 Kelvin Cross Sections

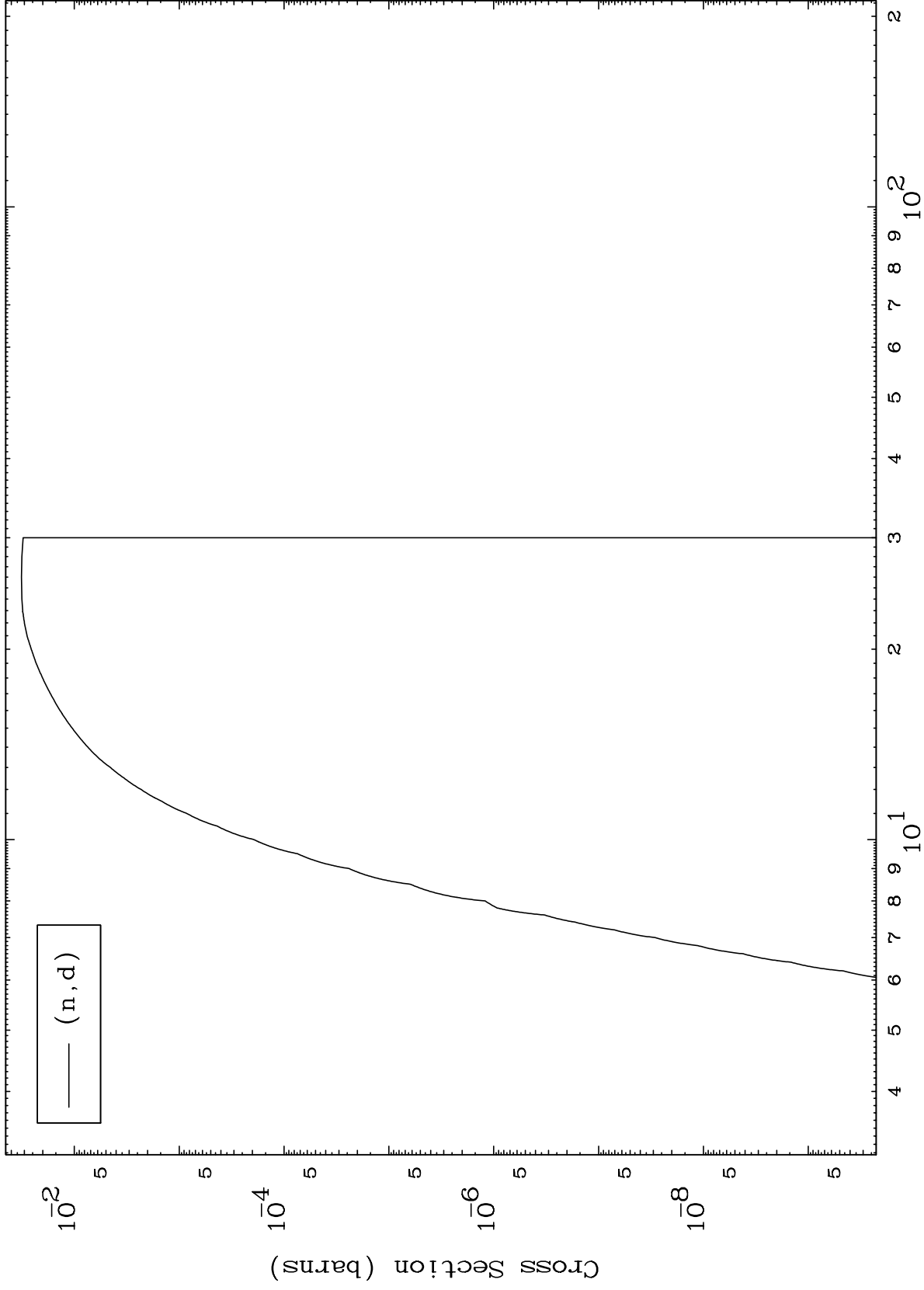
52-Te-117



MAT 5216

(n,d) Levels
293 Kelvin Cross Sections

52-Te-117



13

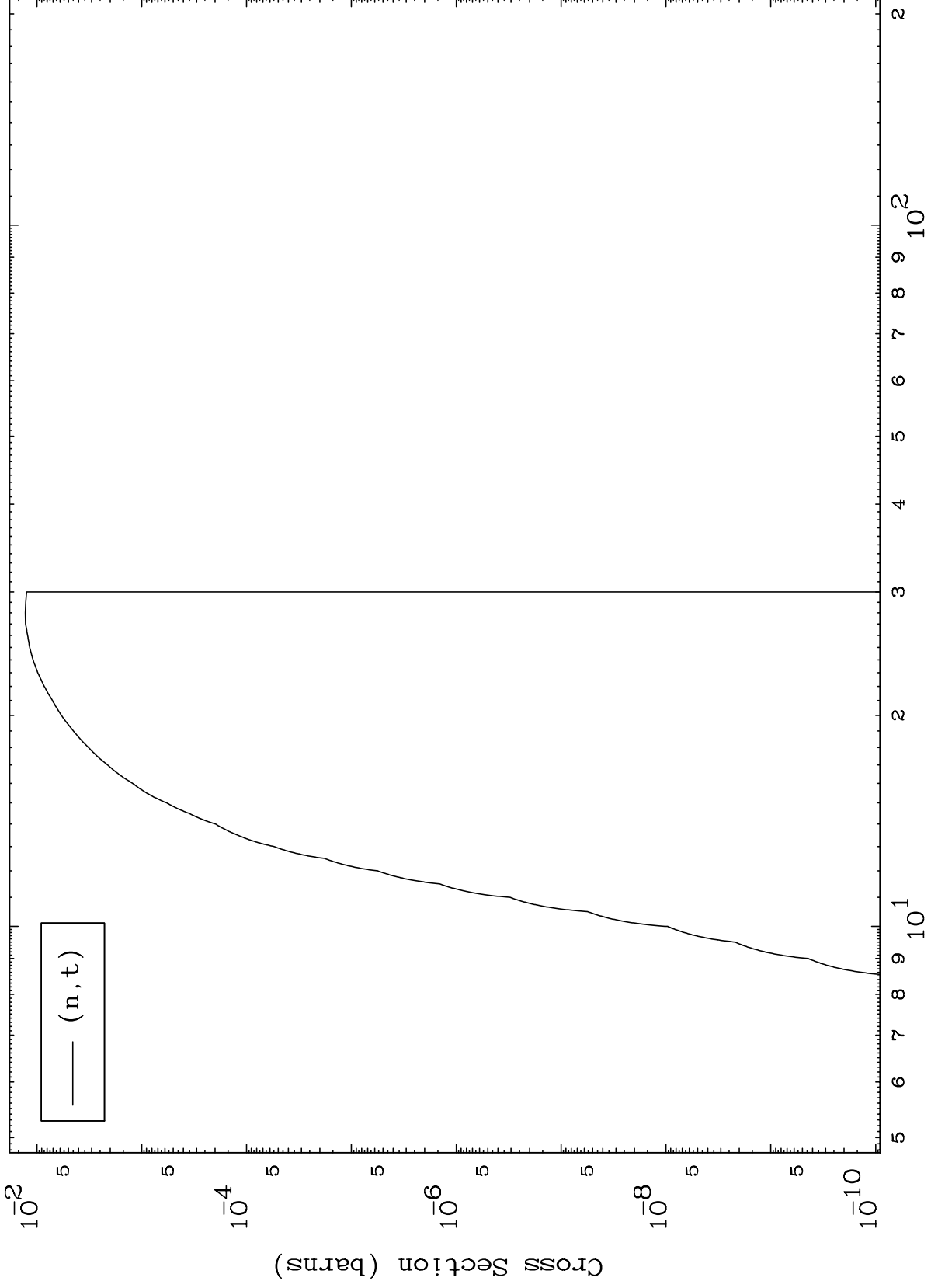
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,t) Levels
293 Kelvin Cross Sections

52-Te-117



(n,t)

14

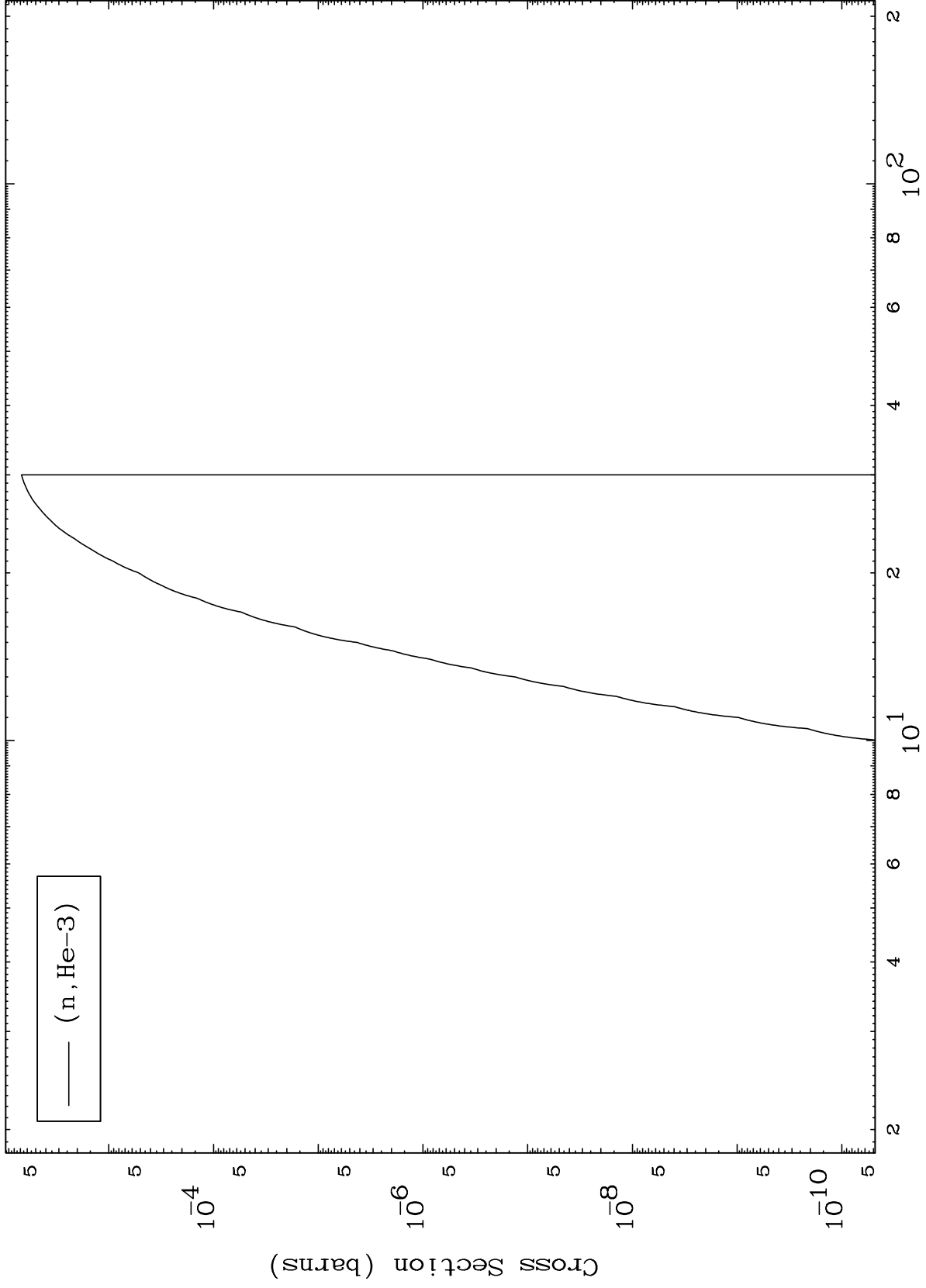
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-117



15

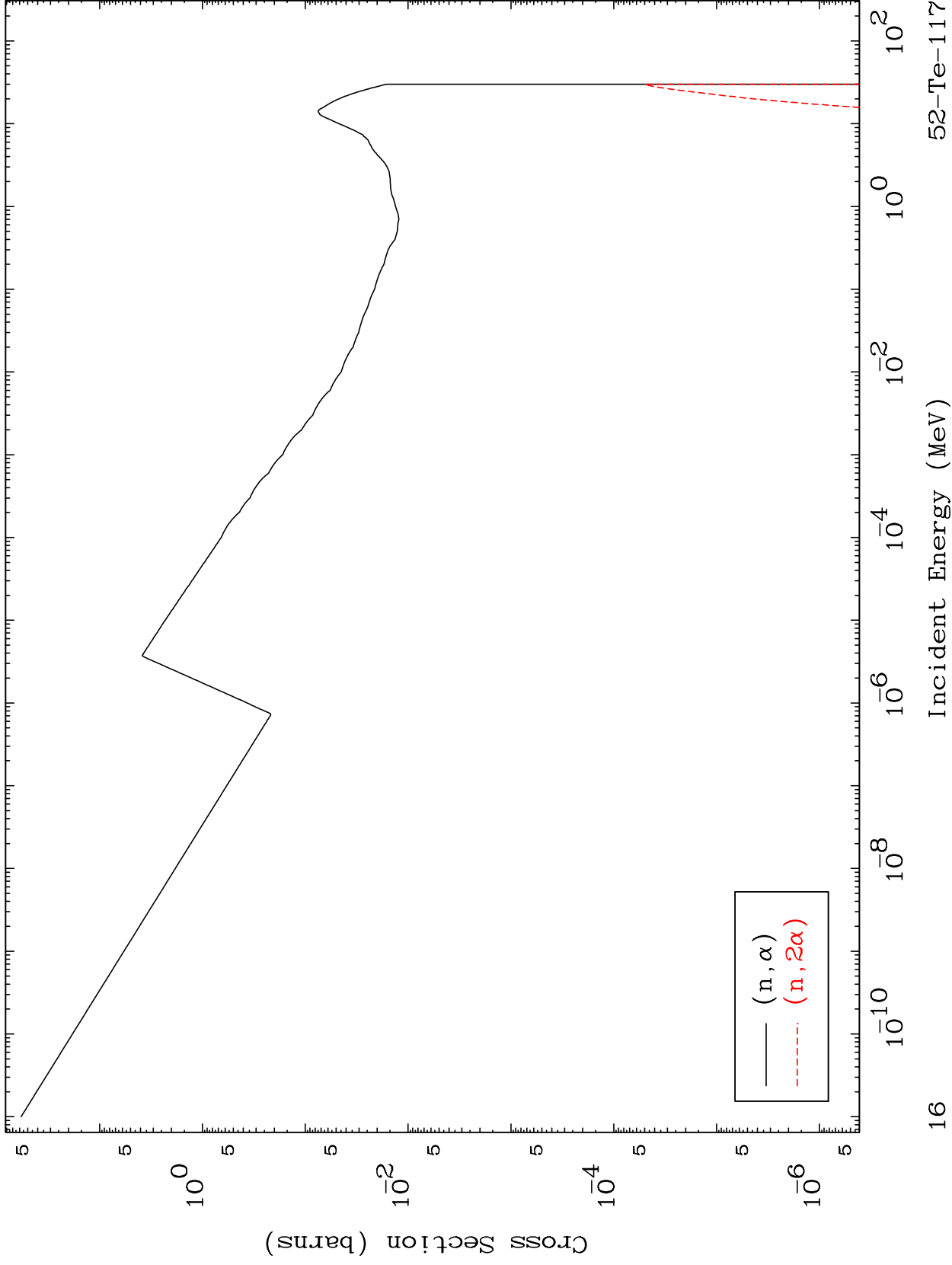
Incident Energy (MeV)

52-Te-117

MAT 5216

(n, α) Levels
293 Kelvin Cross Sections

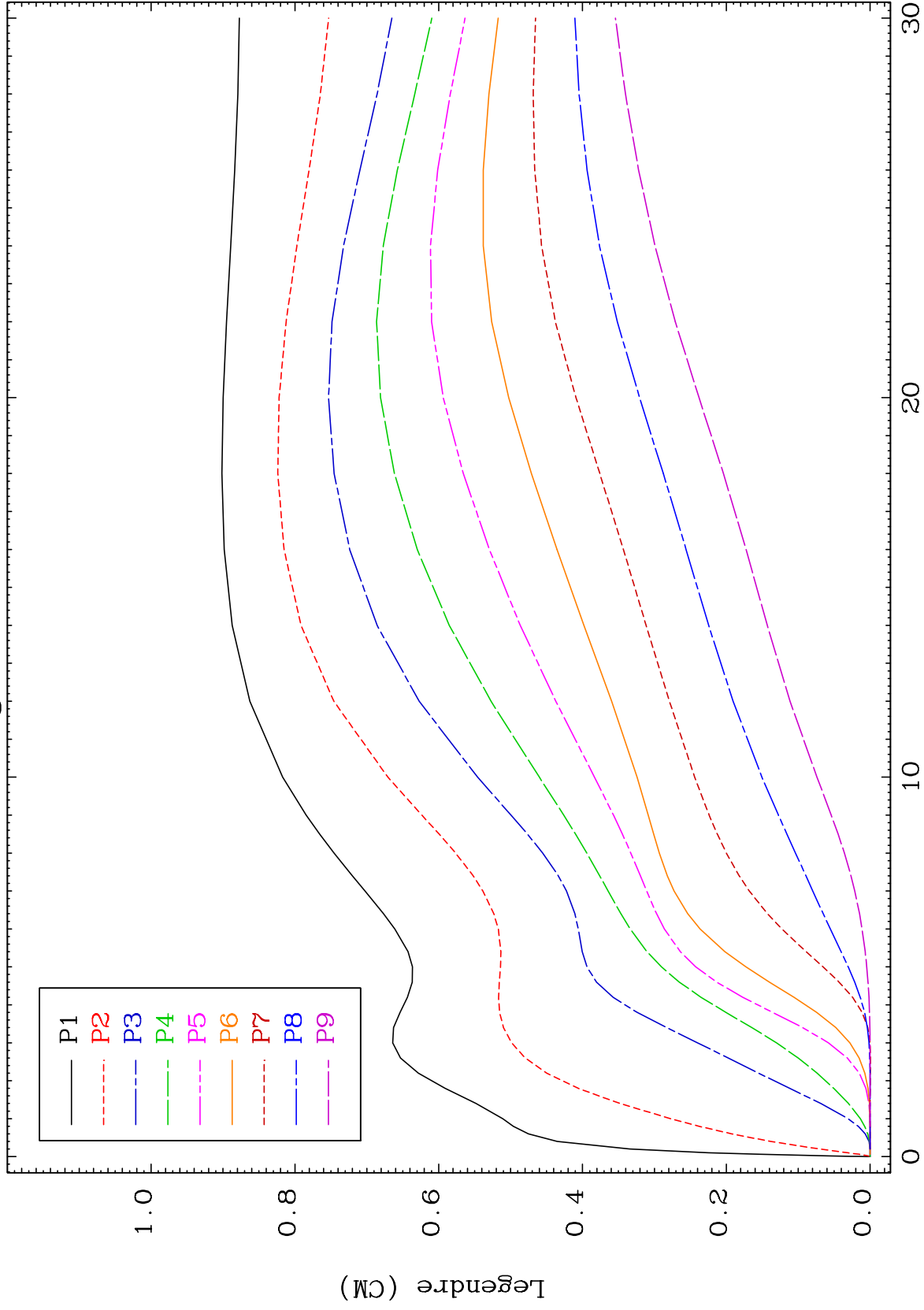
52-Te-117



MAT 5216

Elastic Legendre Coefficients

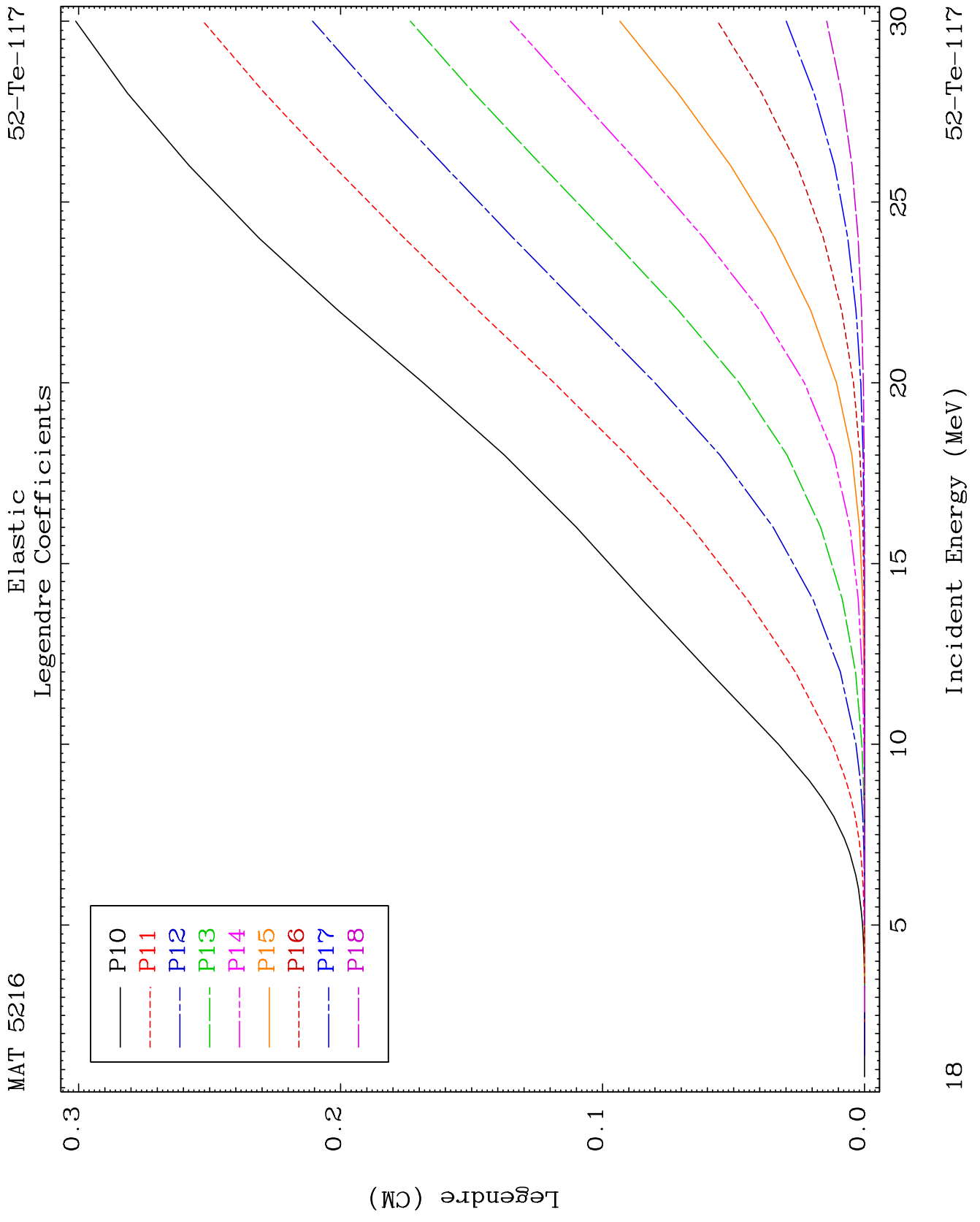
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17

Incident Energy (MeV)

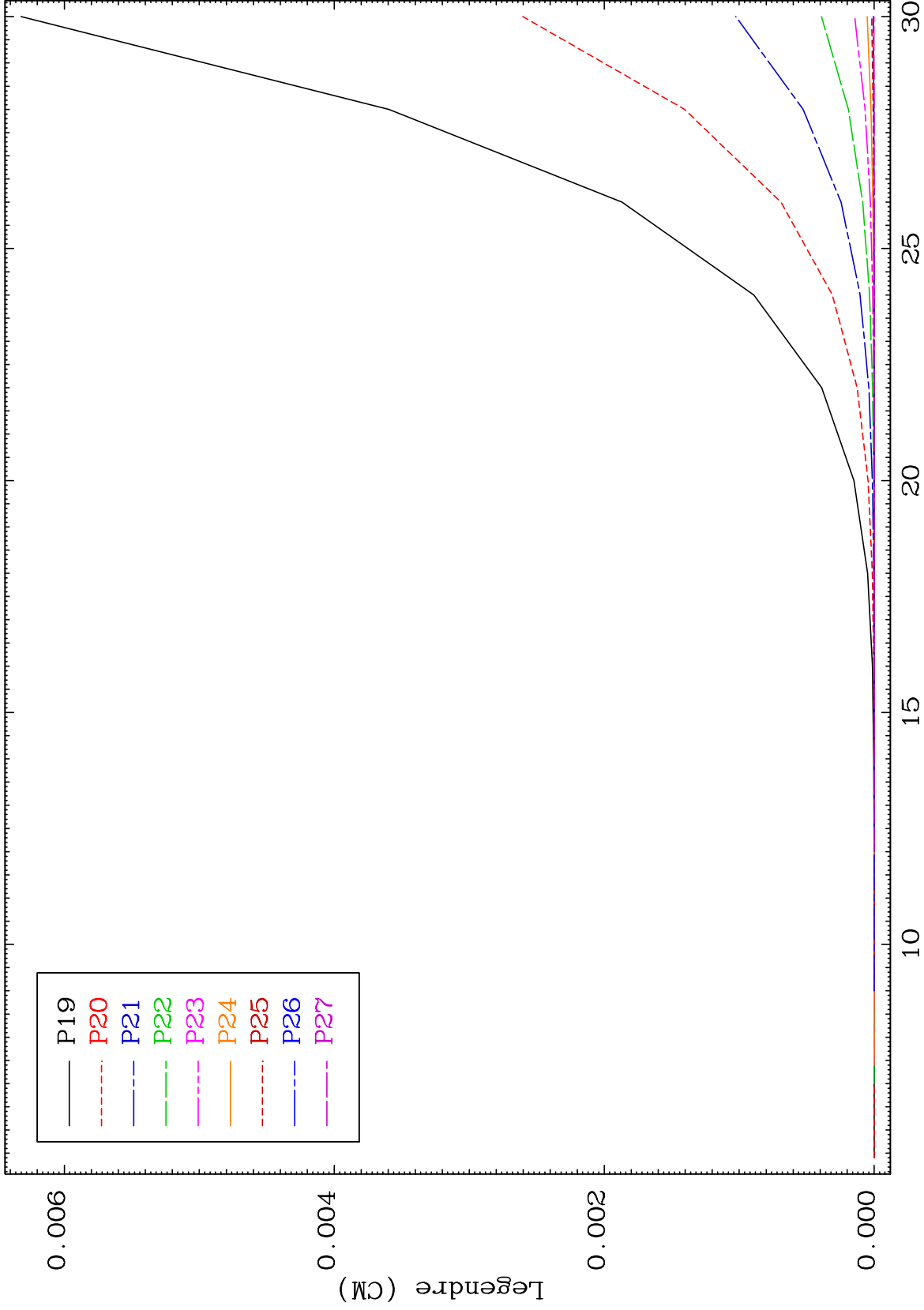
52-Te-117



MAT 5216

Elastic Legendre Coefficients

52-Te-117



19

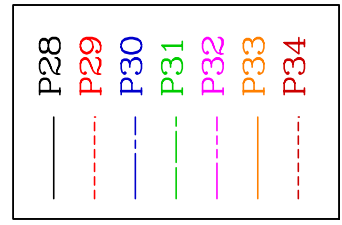
Incident Energy (MeV)

52-Te-117

MAT 5216

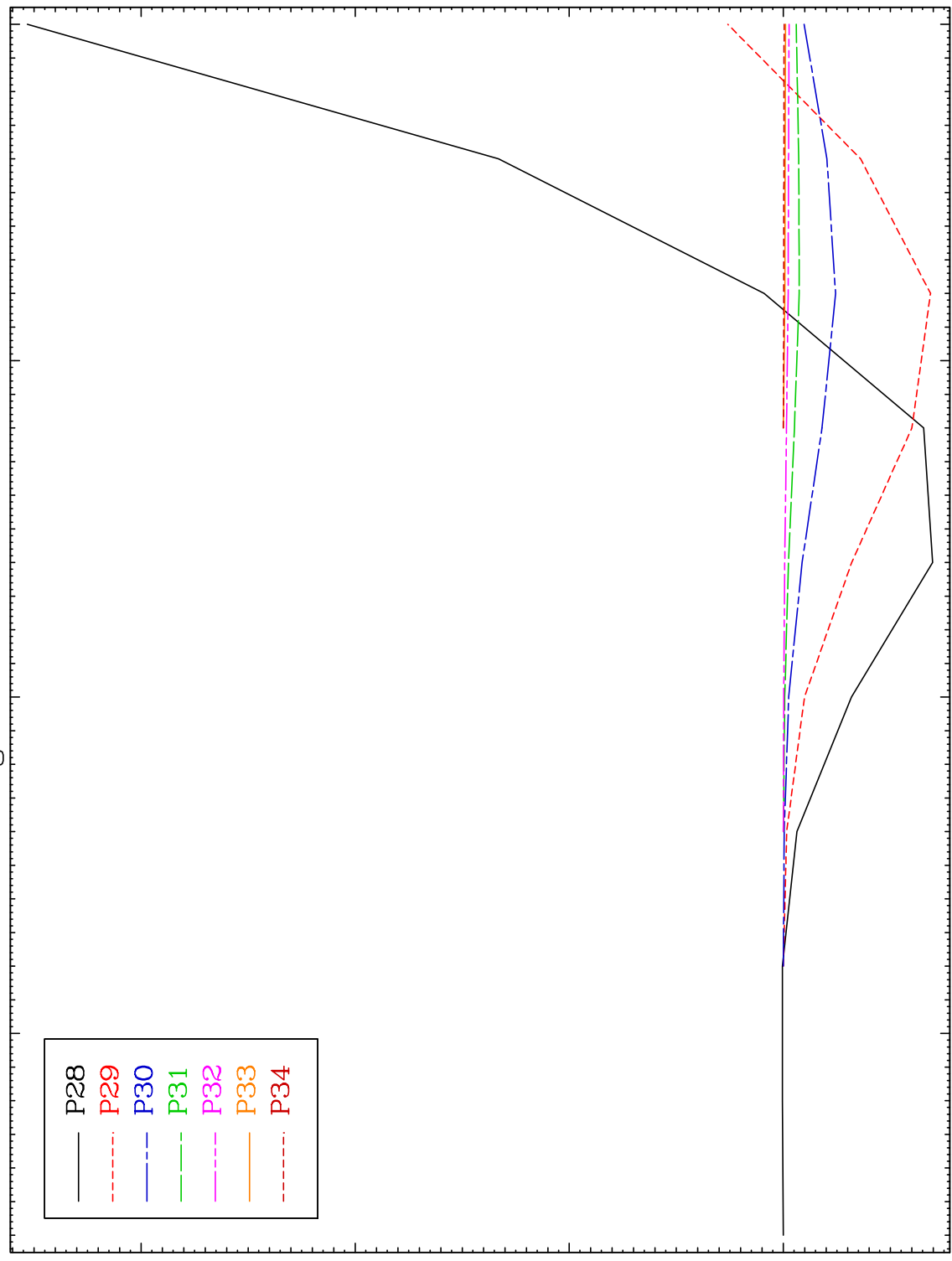
Elastic Legendre Coefficients

52-Te-117



$\times 10^{-7}$

Legendre (CM)



15

20

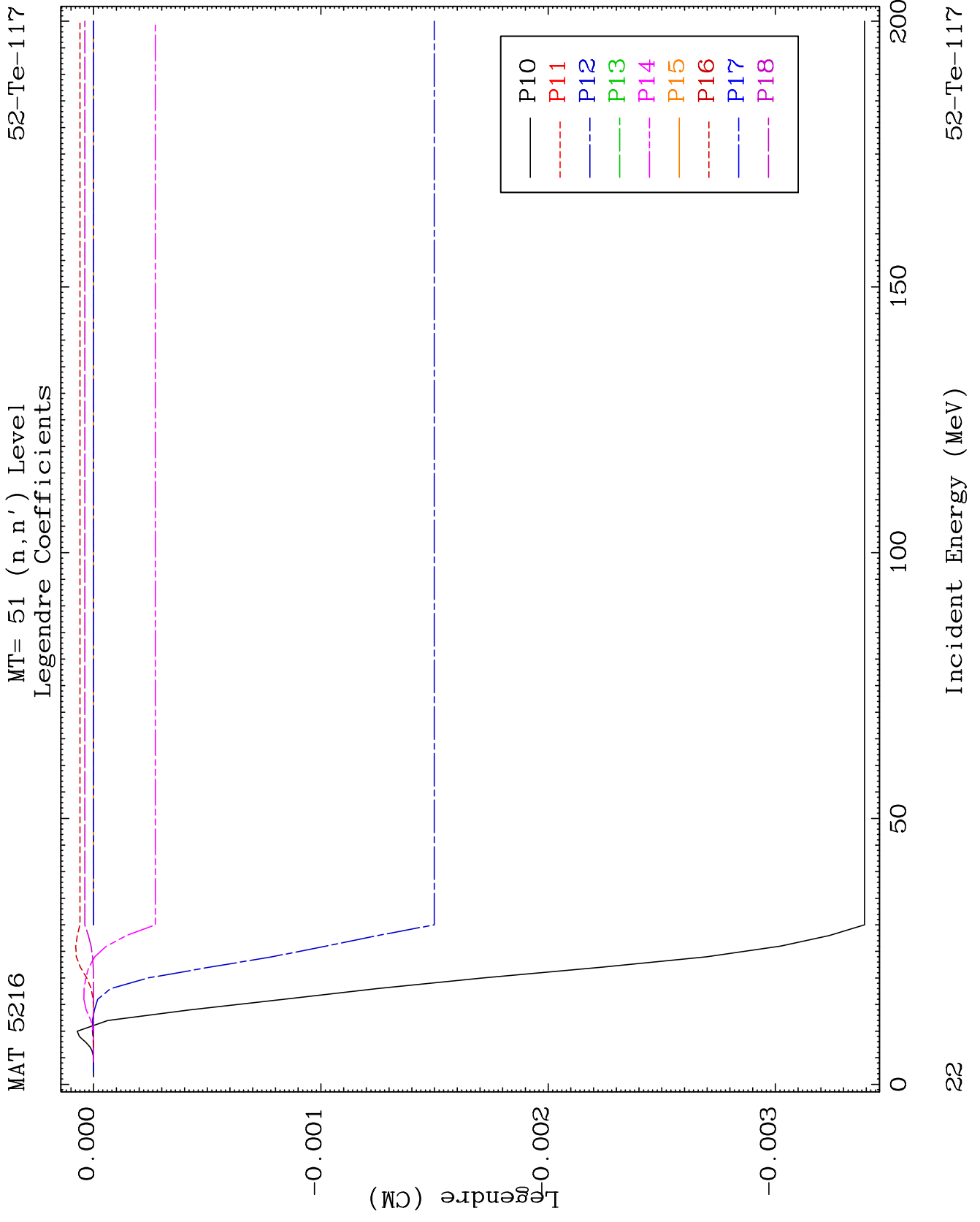
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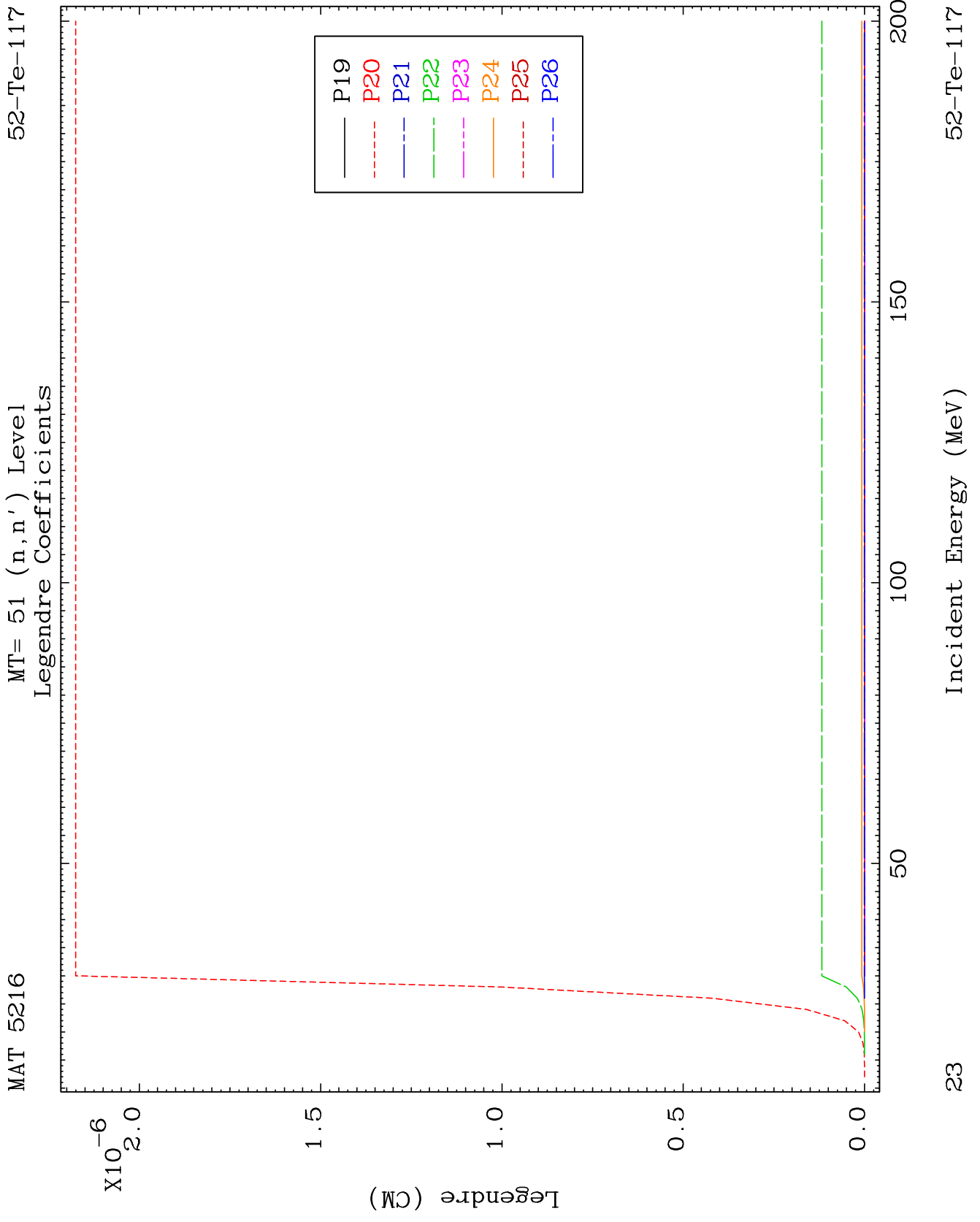
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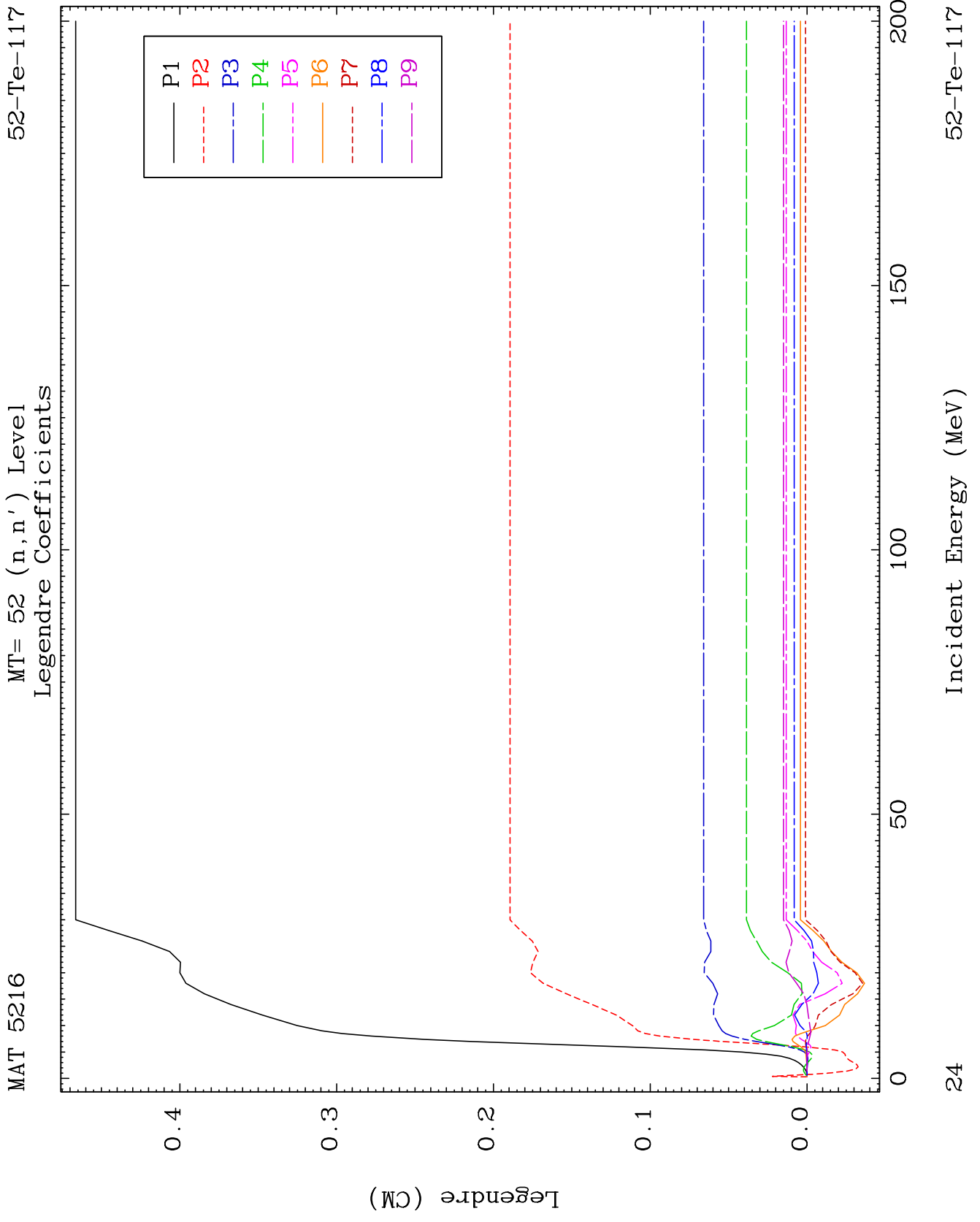
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Incident Energy (MeV)

52-Te-117



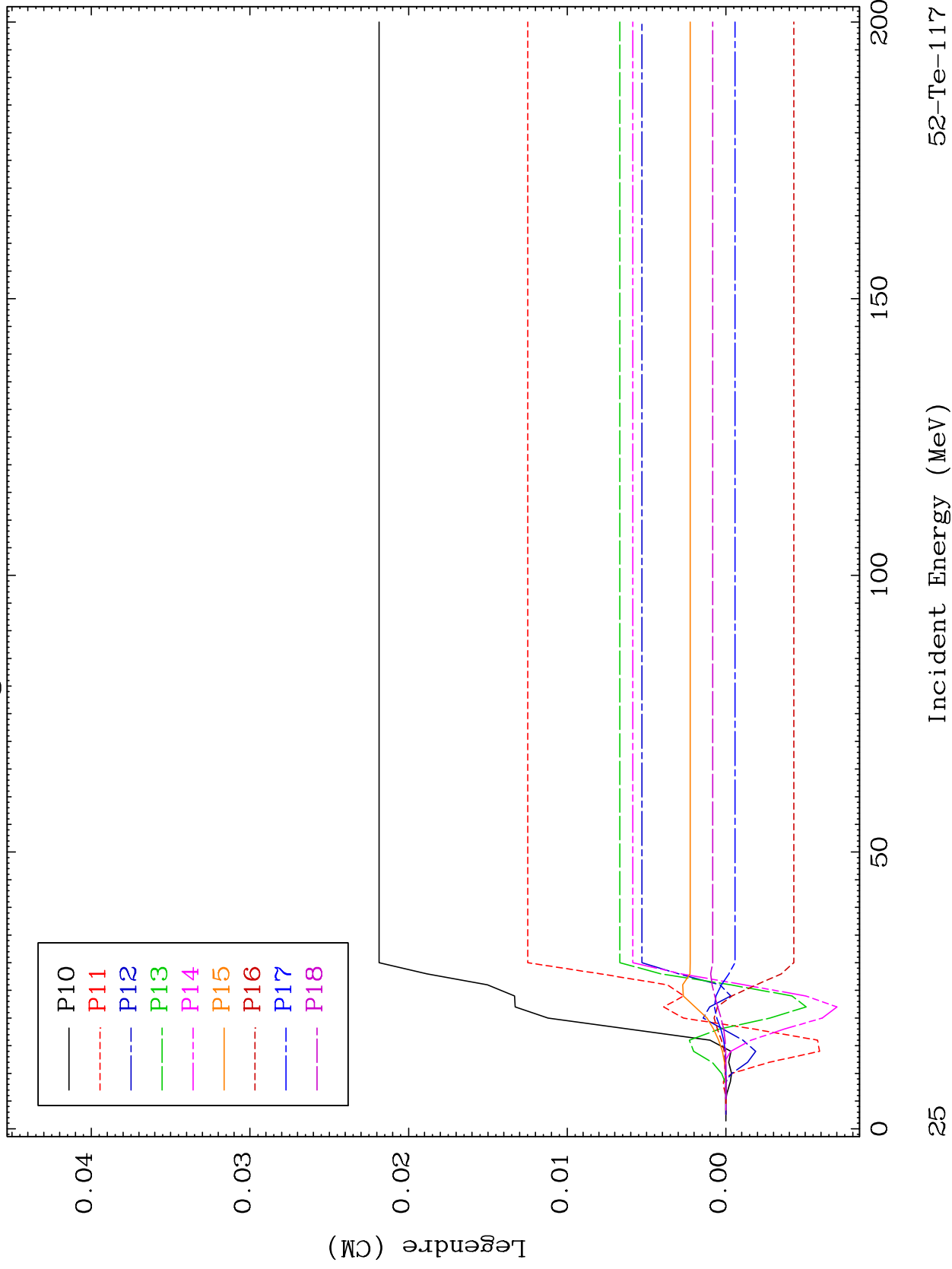


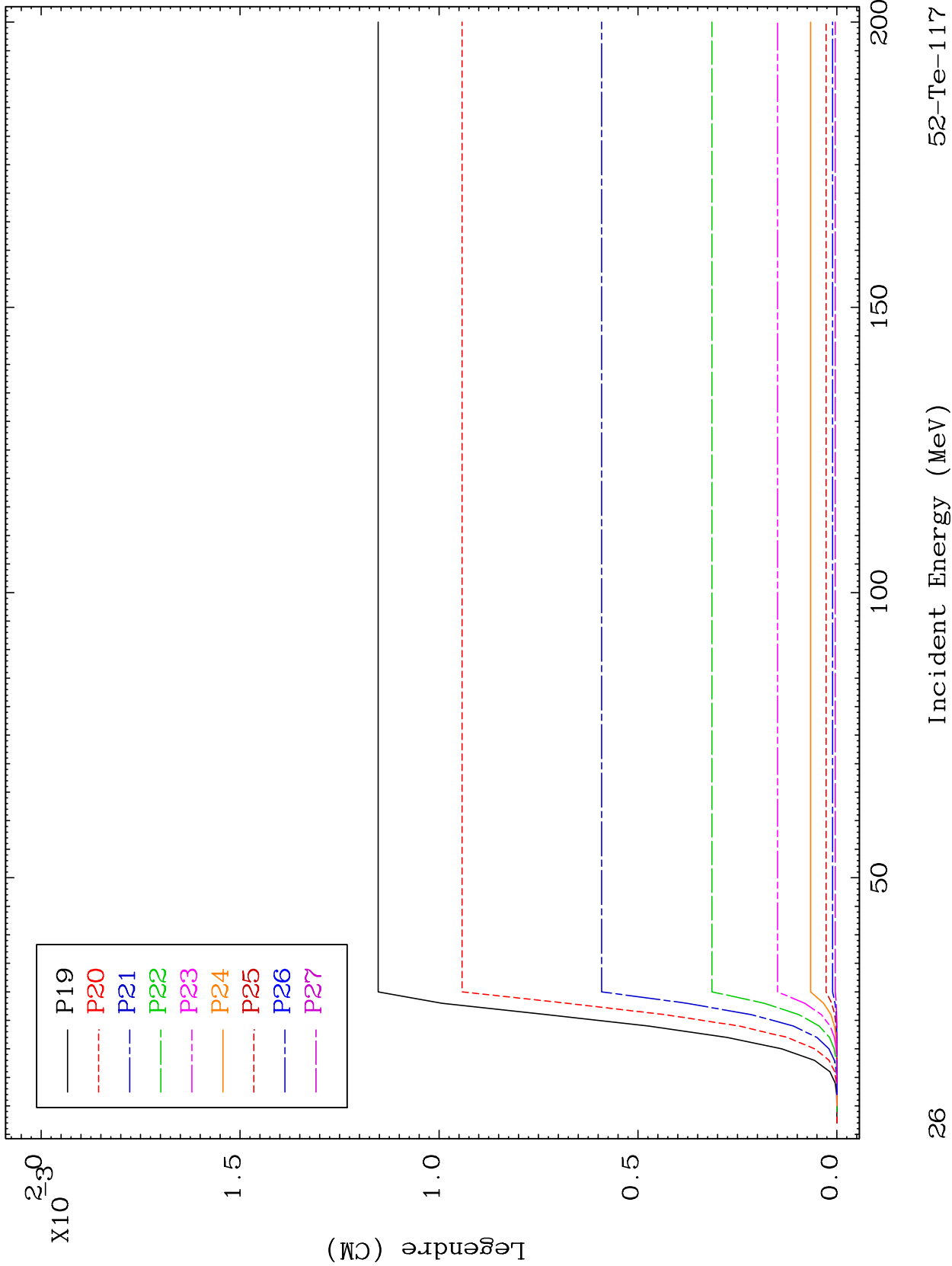


MAT 5216

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

52-Te-117

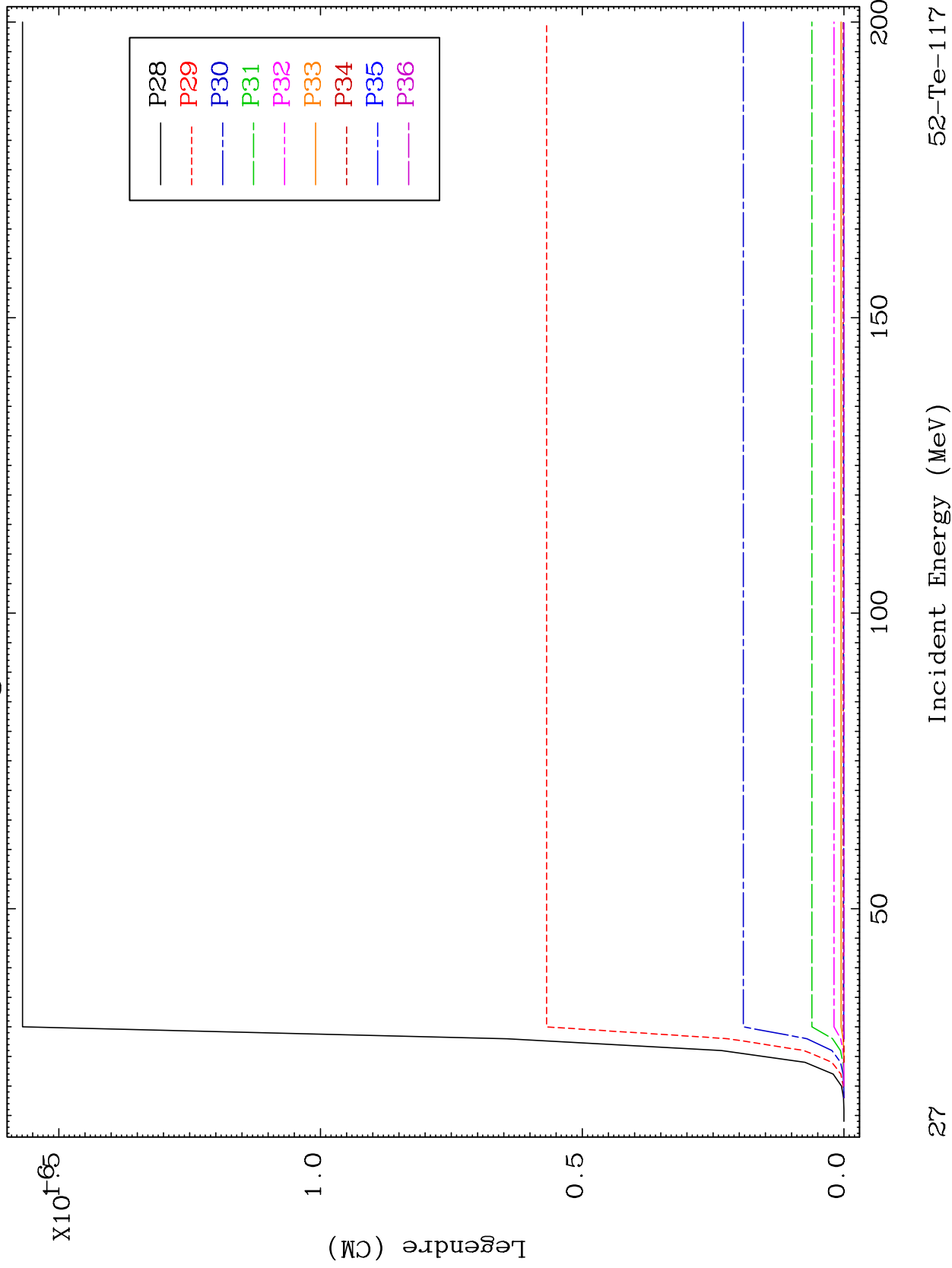




MAT 5216

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

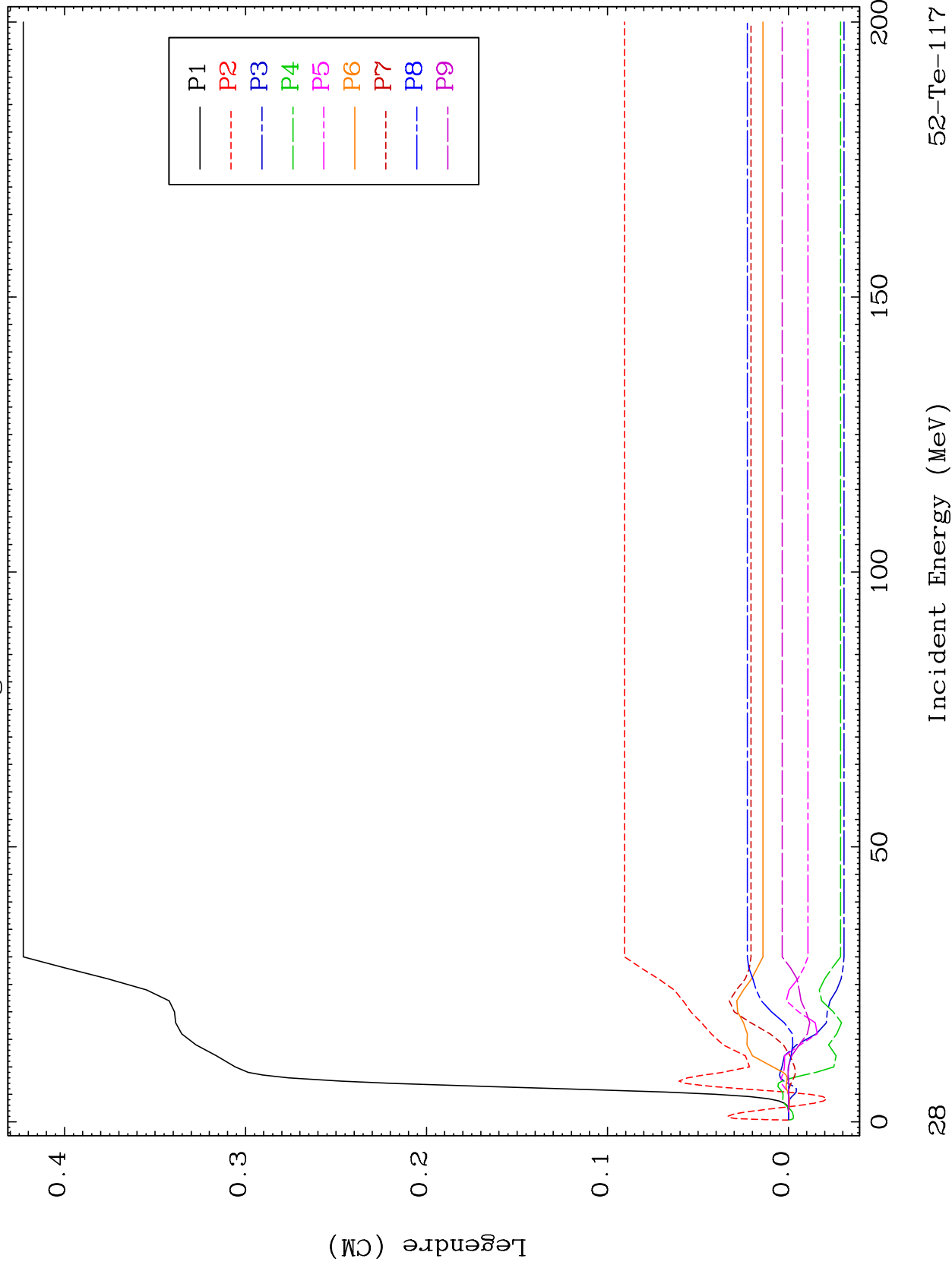
52-Te-117



MAT 5216

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

52-Te-117



52-Te-117

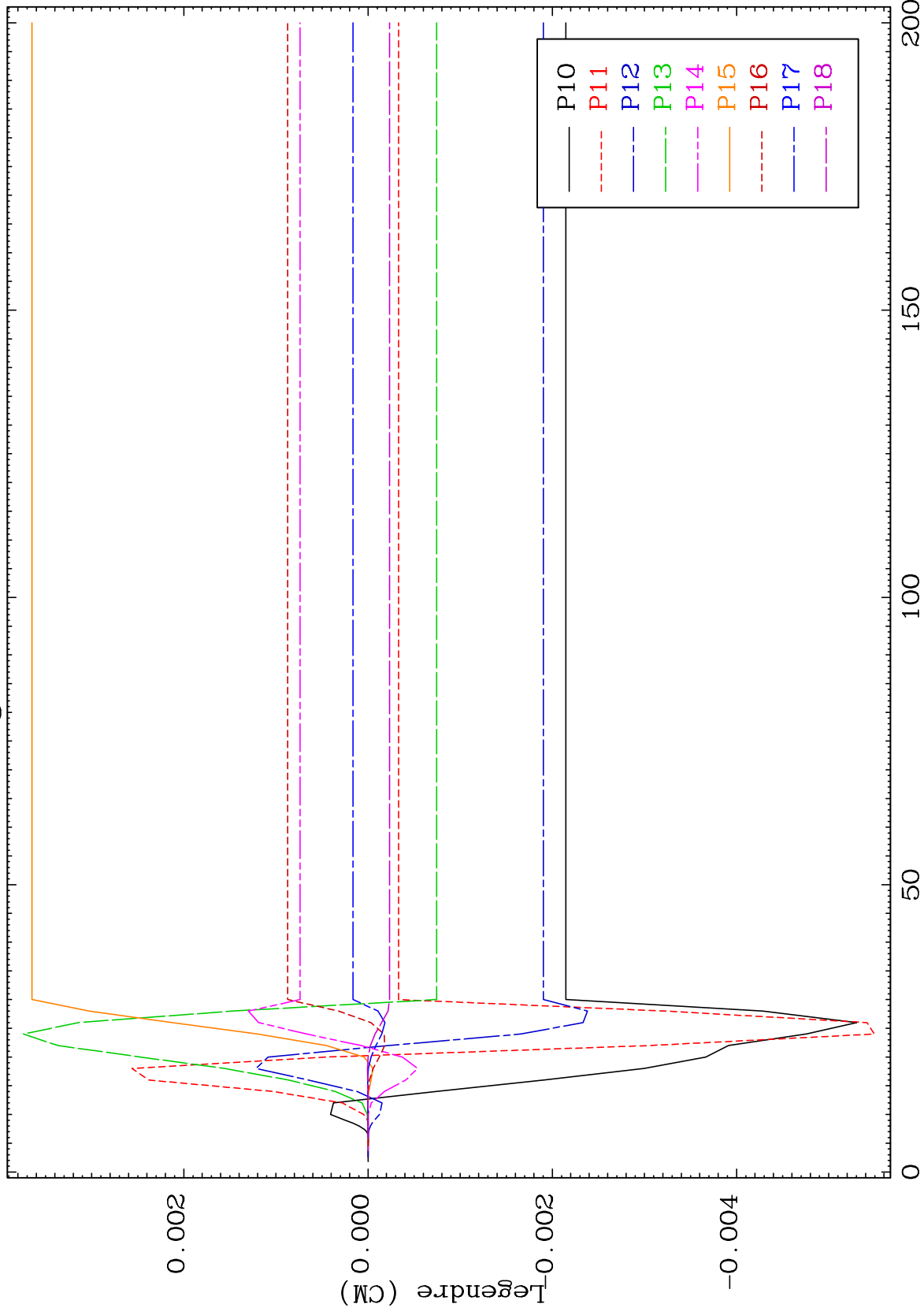
Incident Energy (MeV)

28

MAT 5216

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

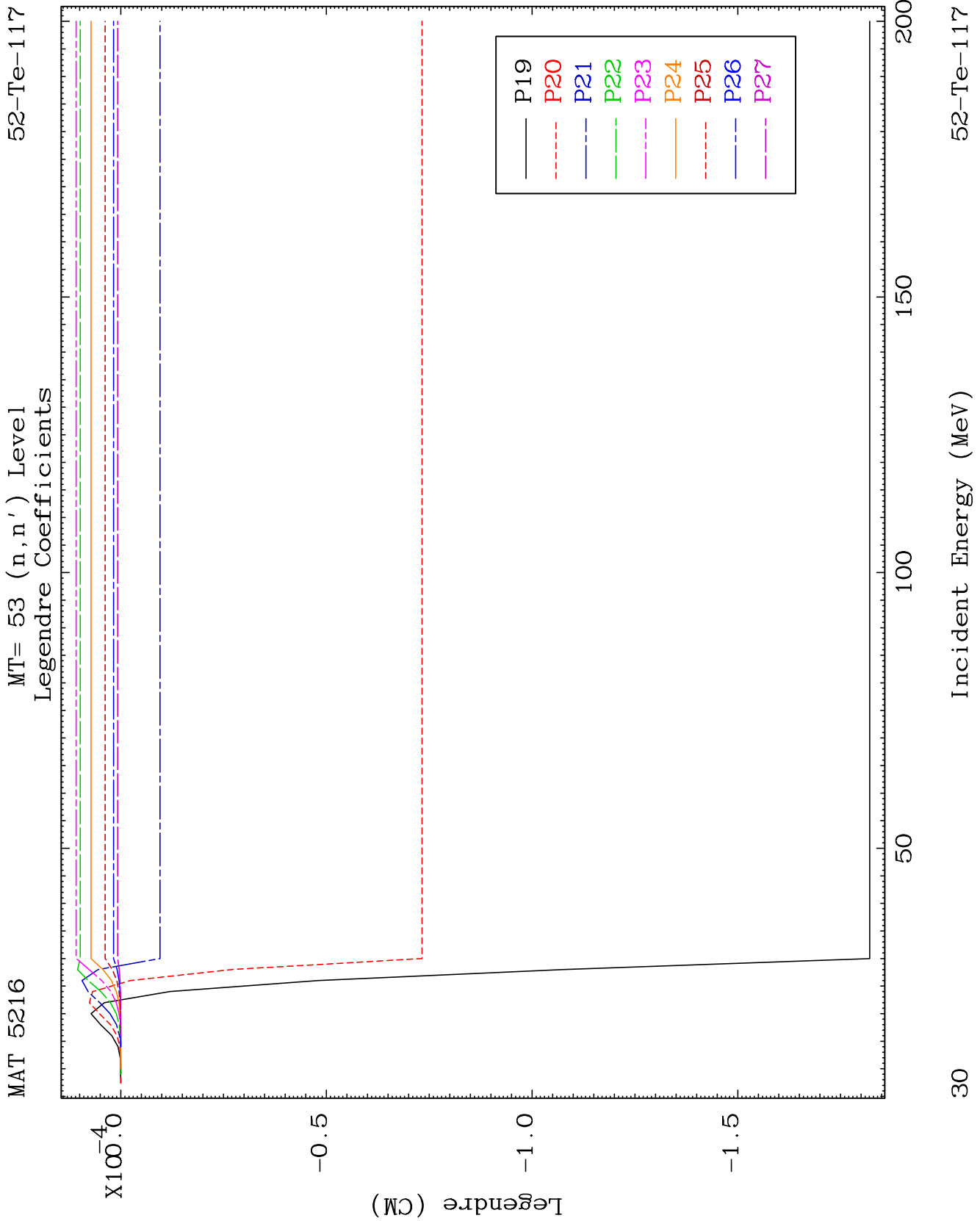
52-Te-117



29

Incident Energy (MeV)

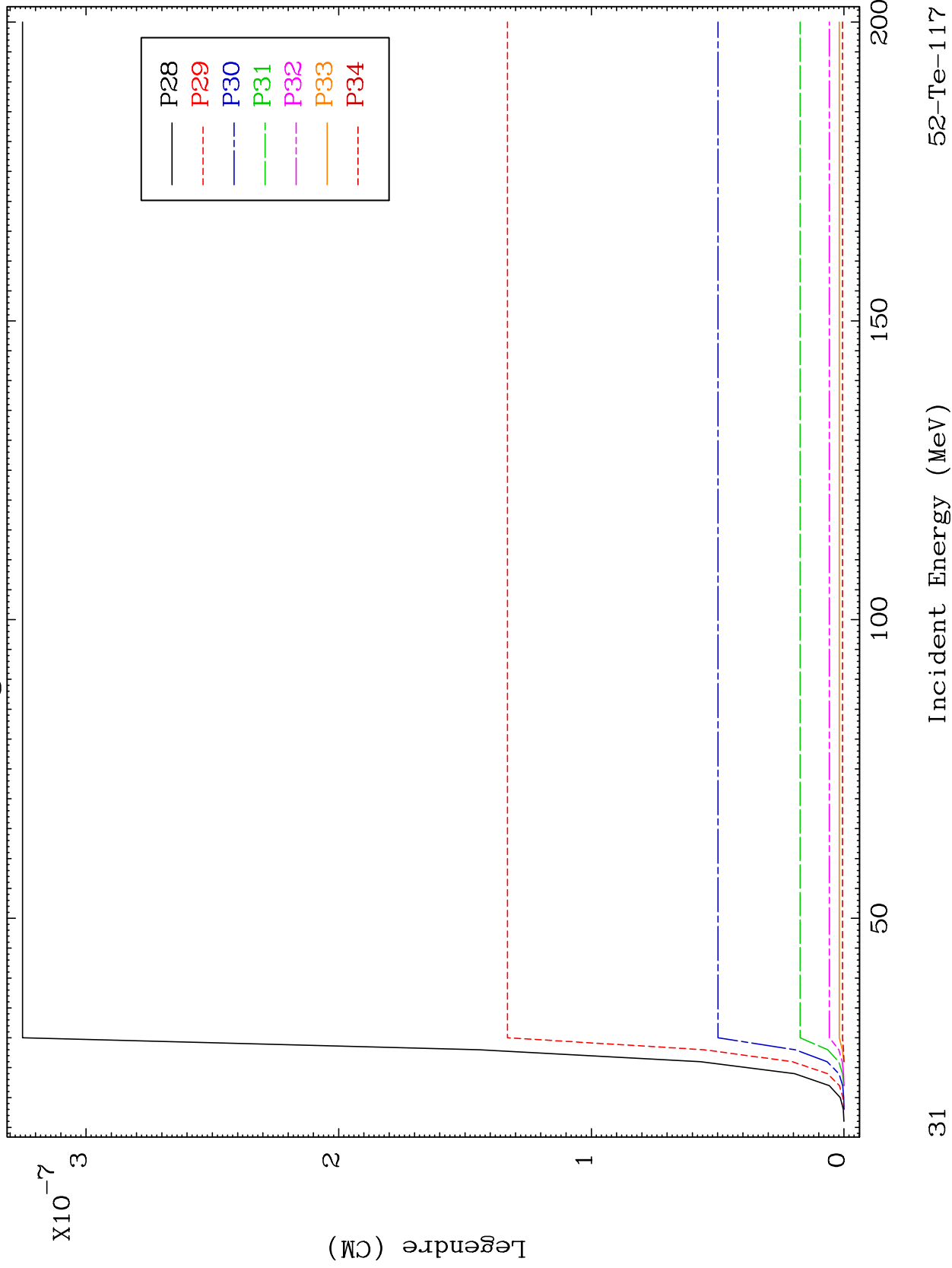
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MAT 5216

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

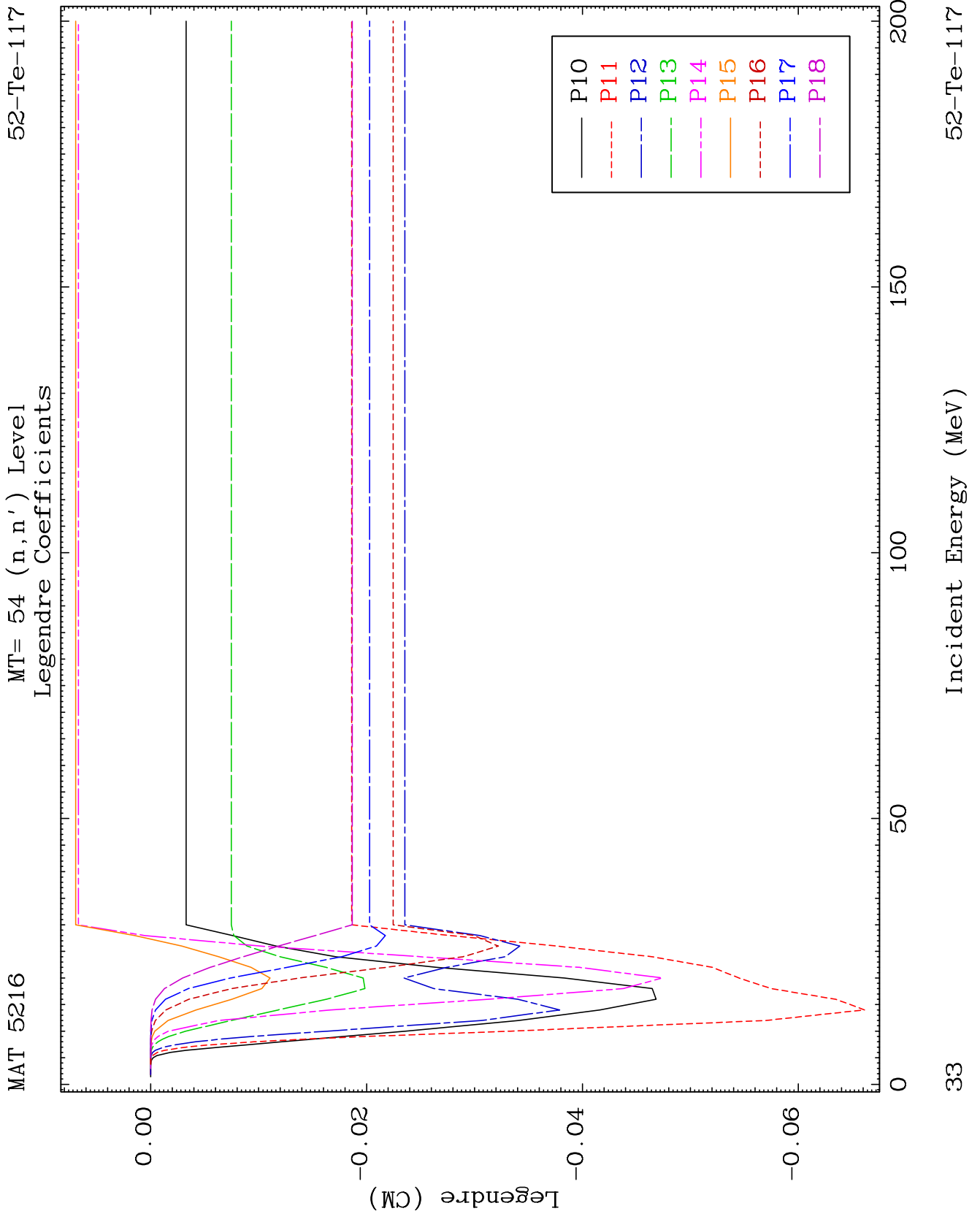
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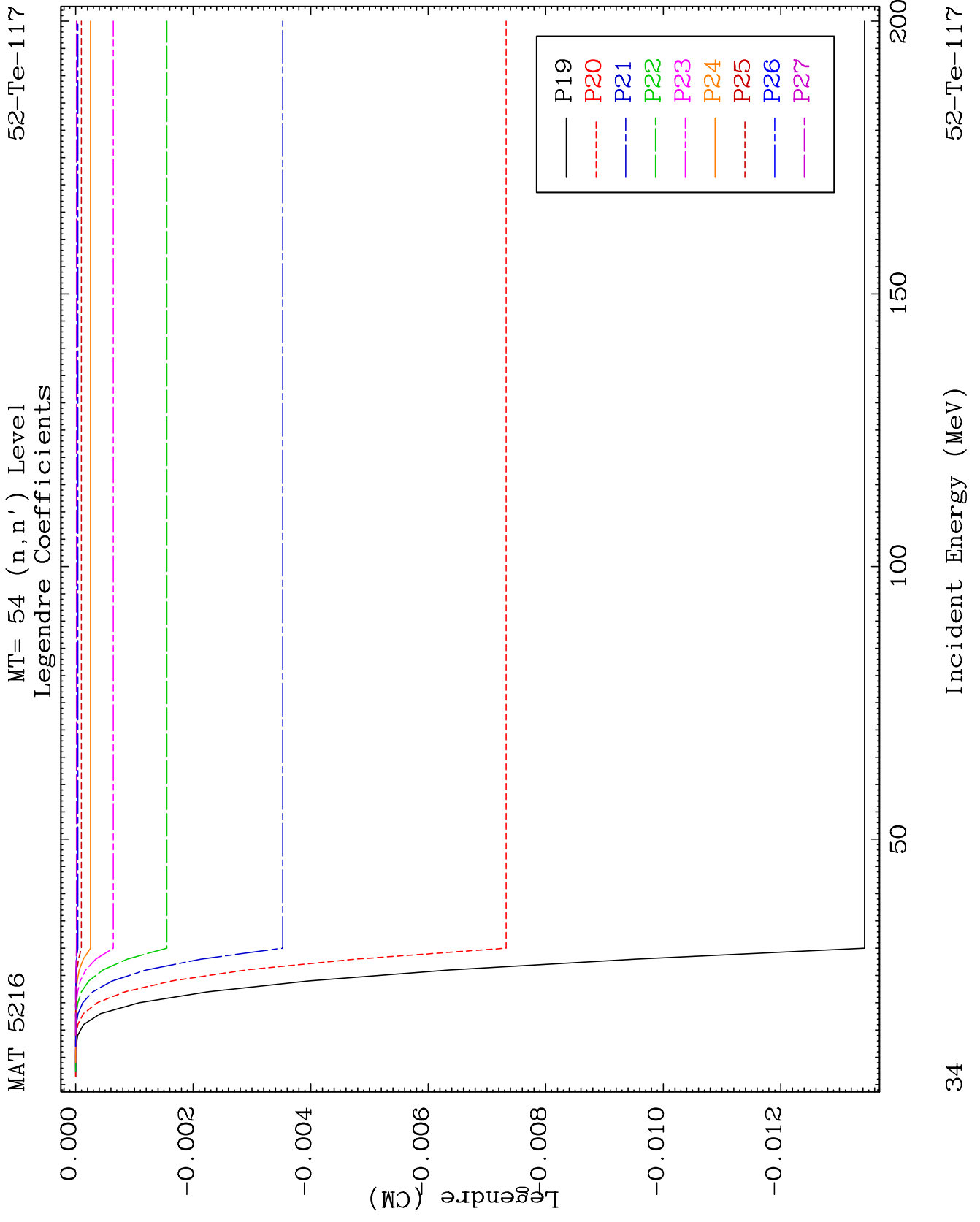


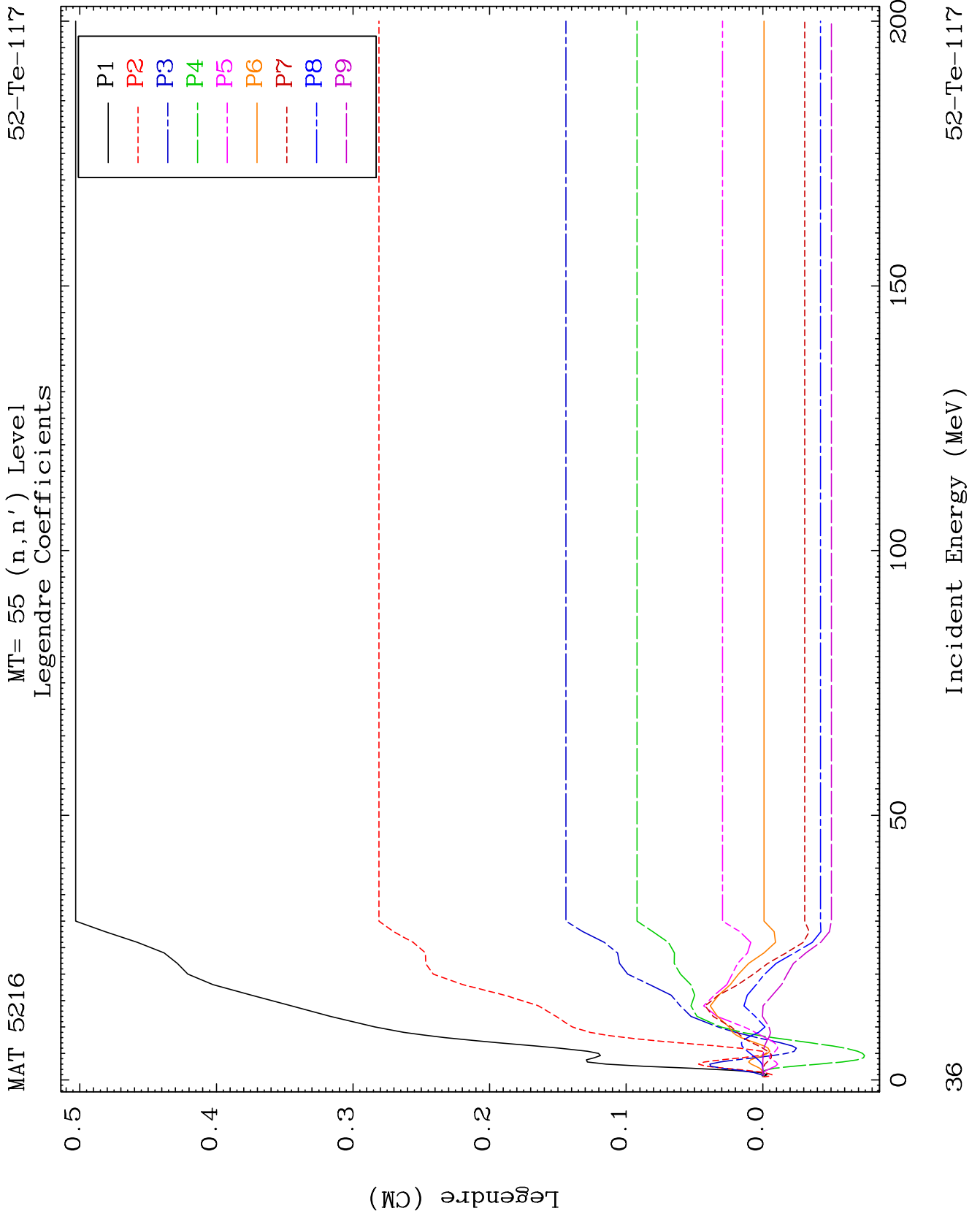
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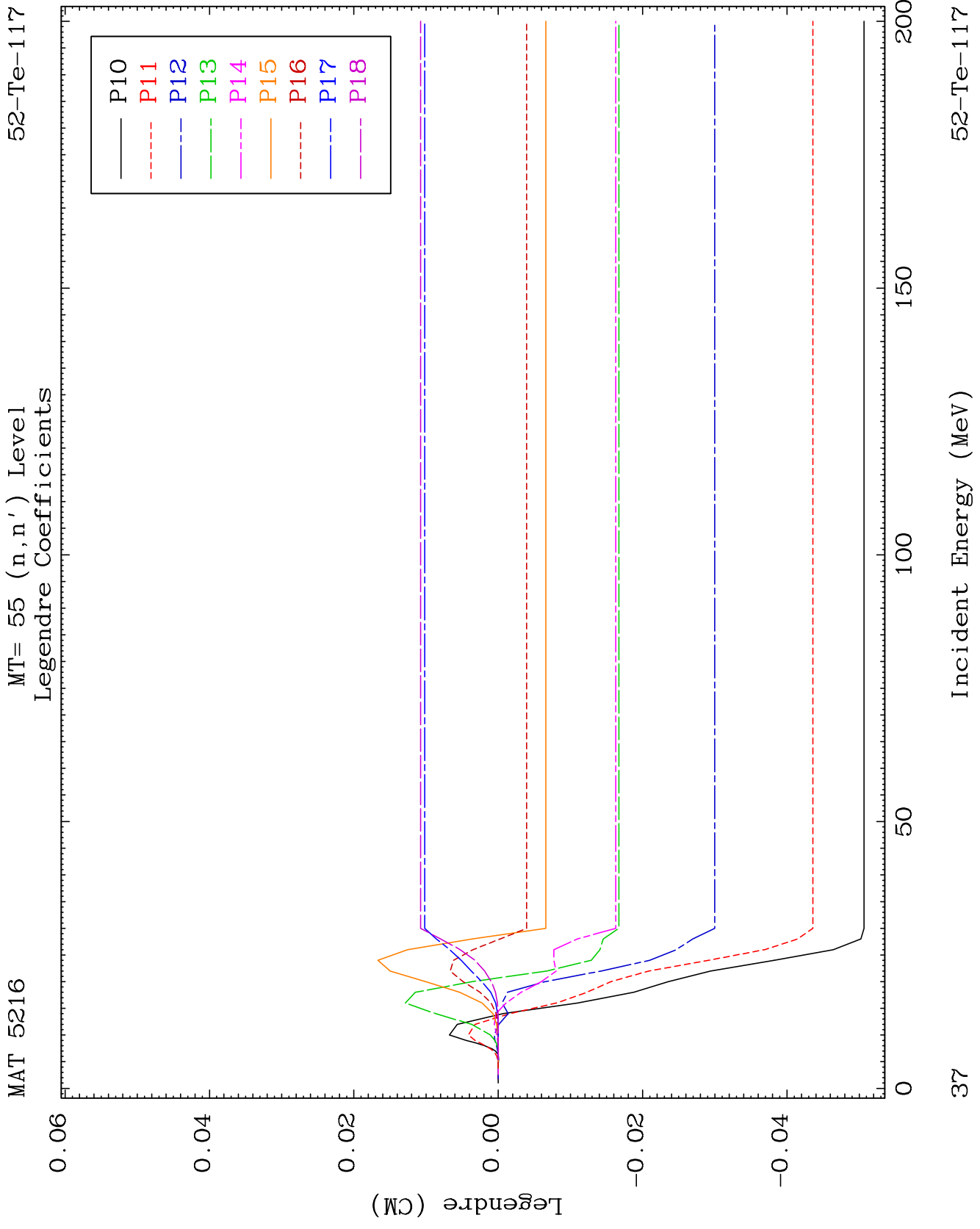
Incident Energy (MeV)

52-Te-117





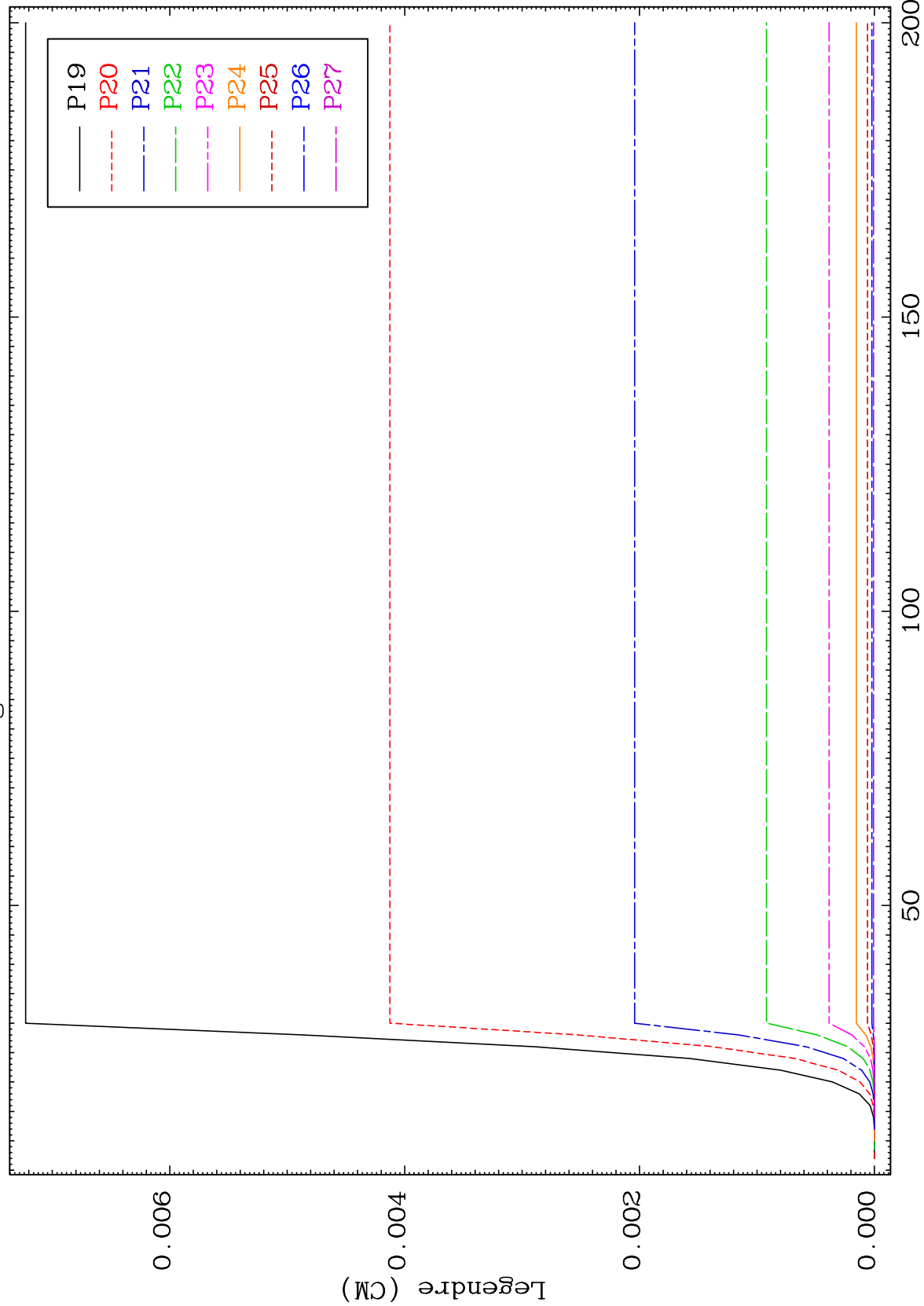




MAT 5216

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

52-Te-117

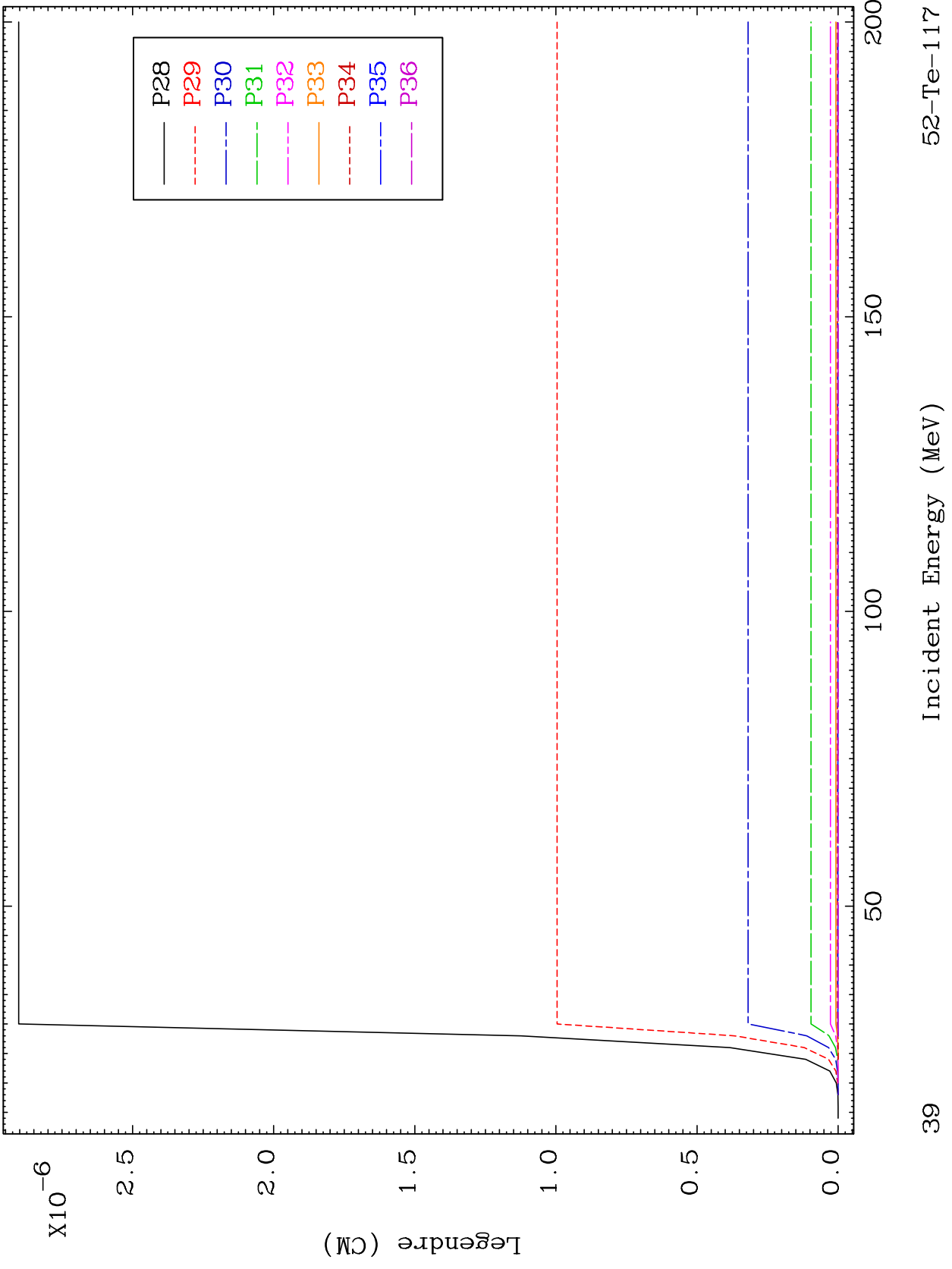


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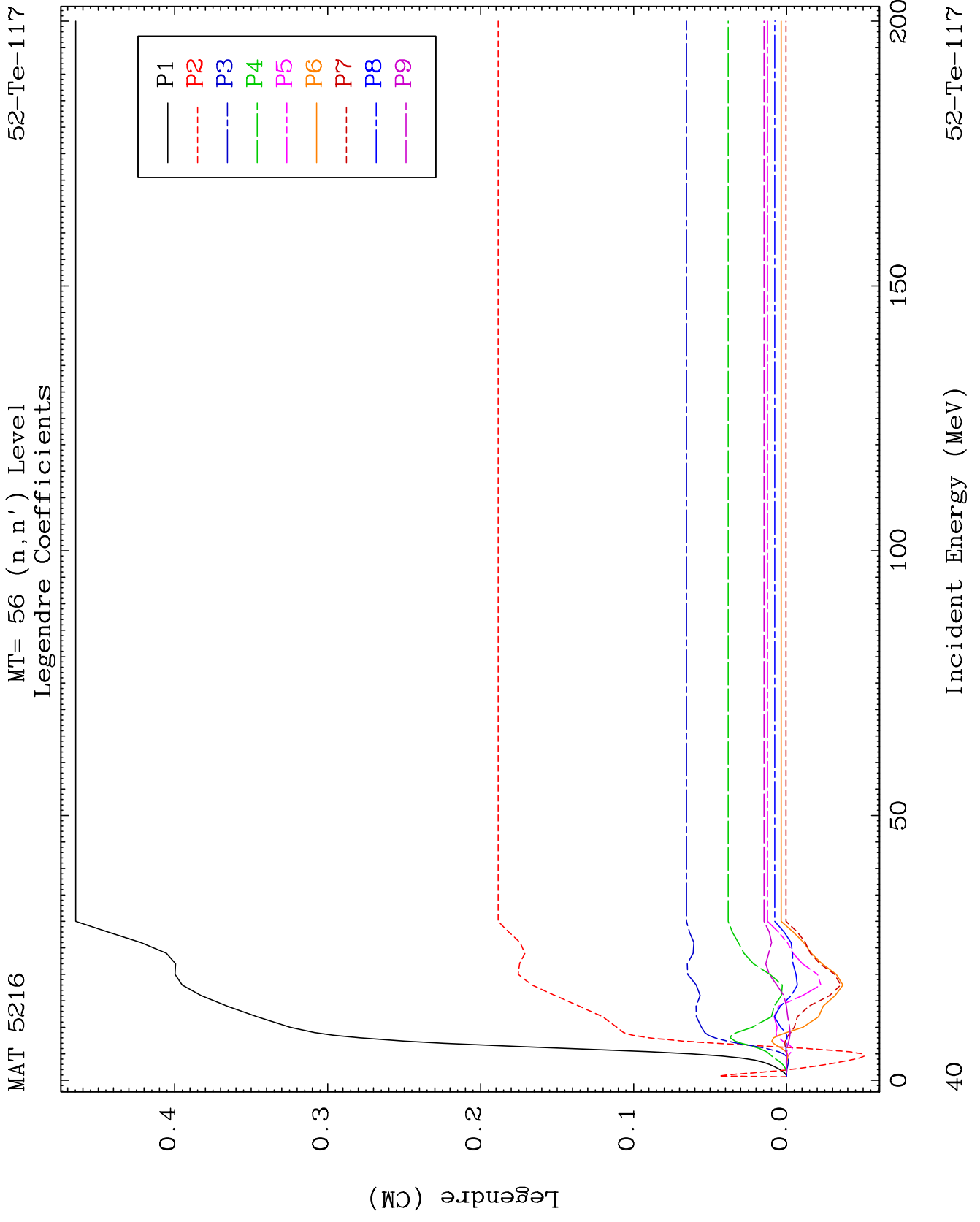
Incident Energy (MeV)

38

MAT 5216 MT= 55 (n,n') Level Legendre Coefficients 52-Te-117



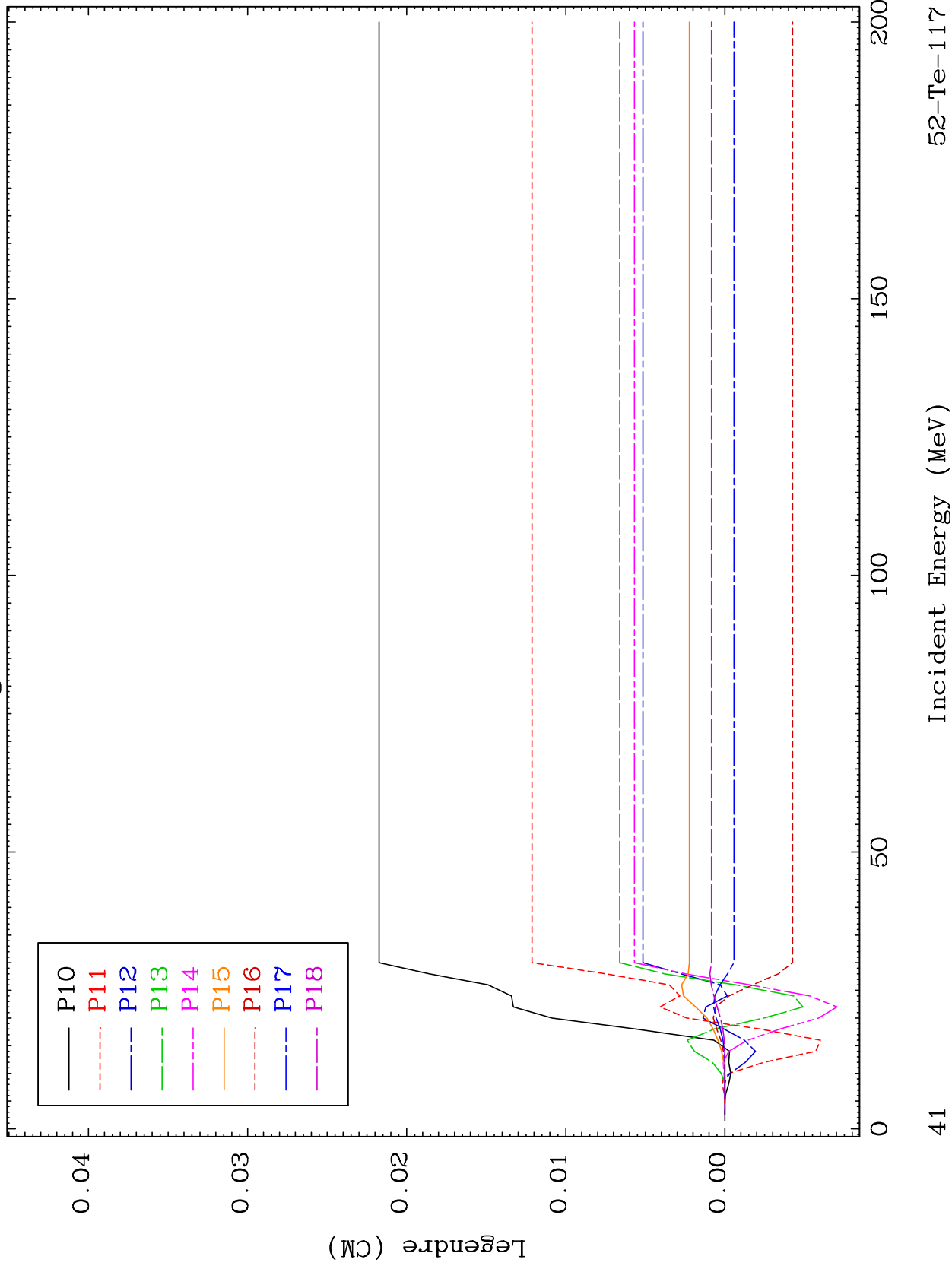
39 52-Te-117



MAT 5216

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

52-Te-117



41

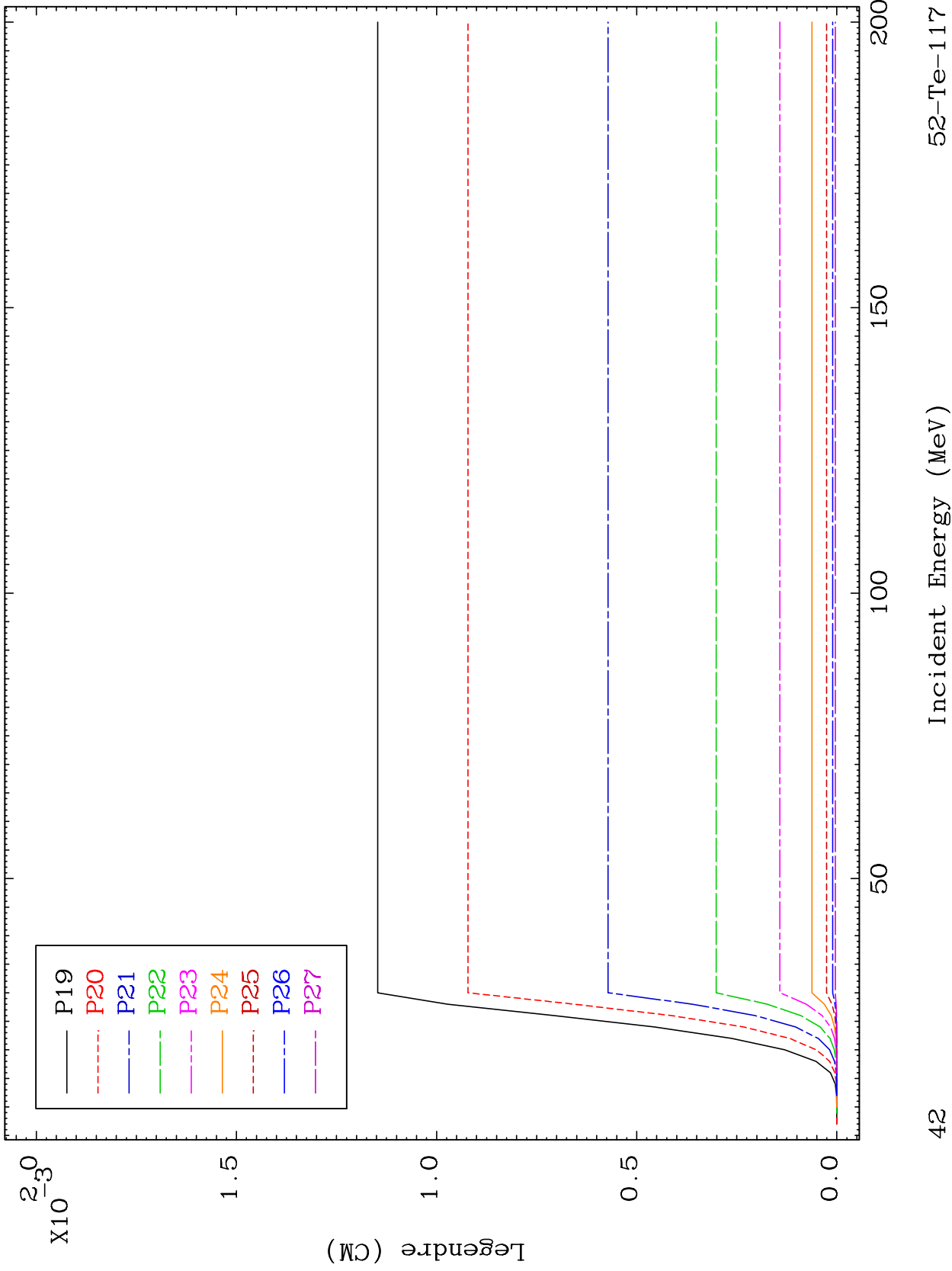
Incident Energy (MeV)

52-Te-117

MAT 5216

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

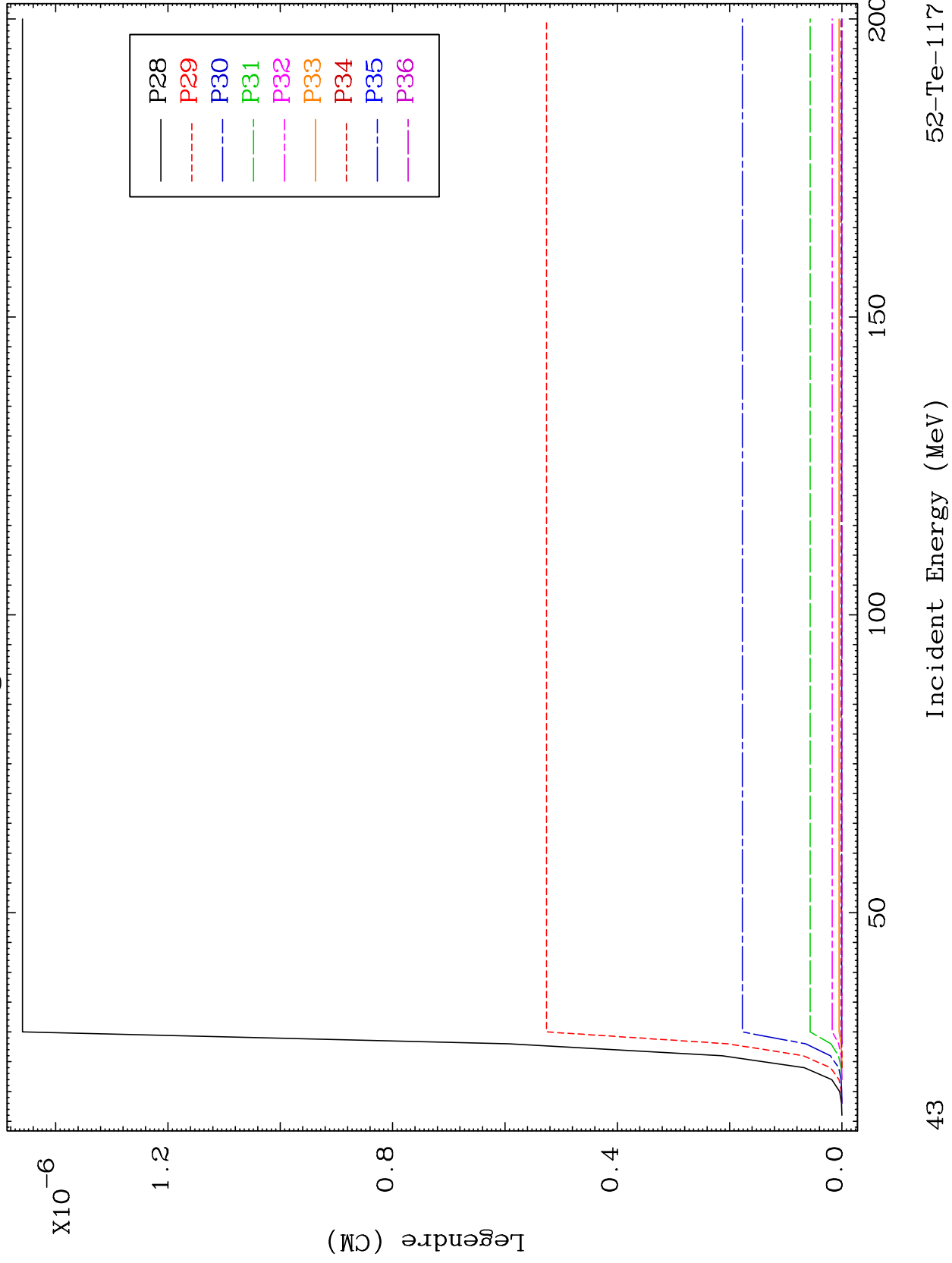
52-Te-117



MAT 5216

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

52-Te-117



43

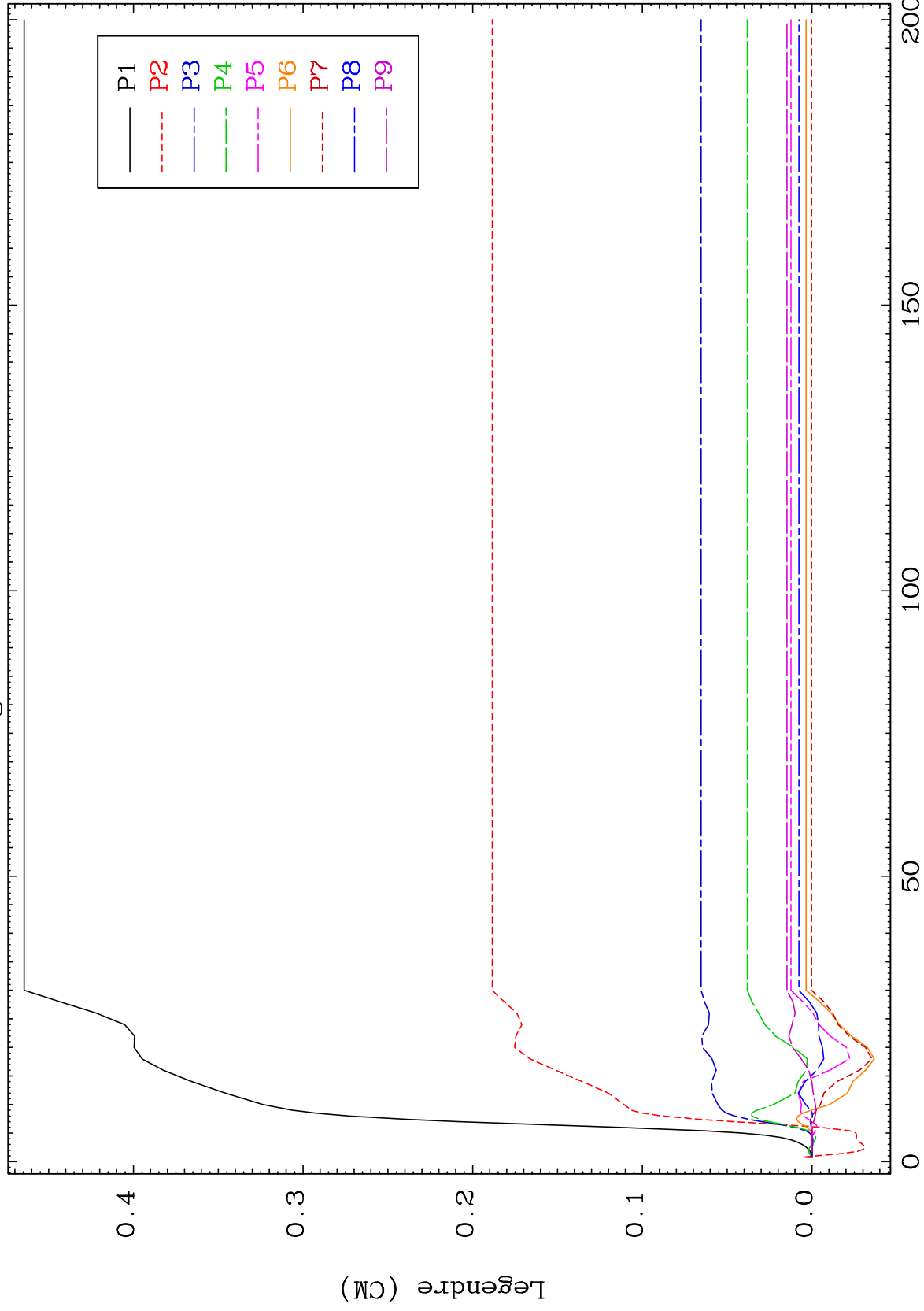
Incident Energy (MeV)

52-Te-117

MAT 5216

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

52-Te-117



44

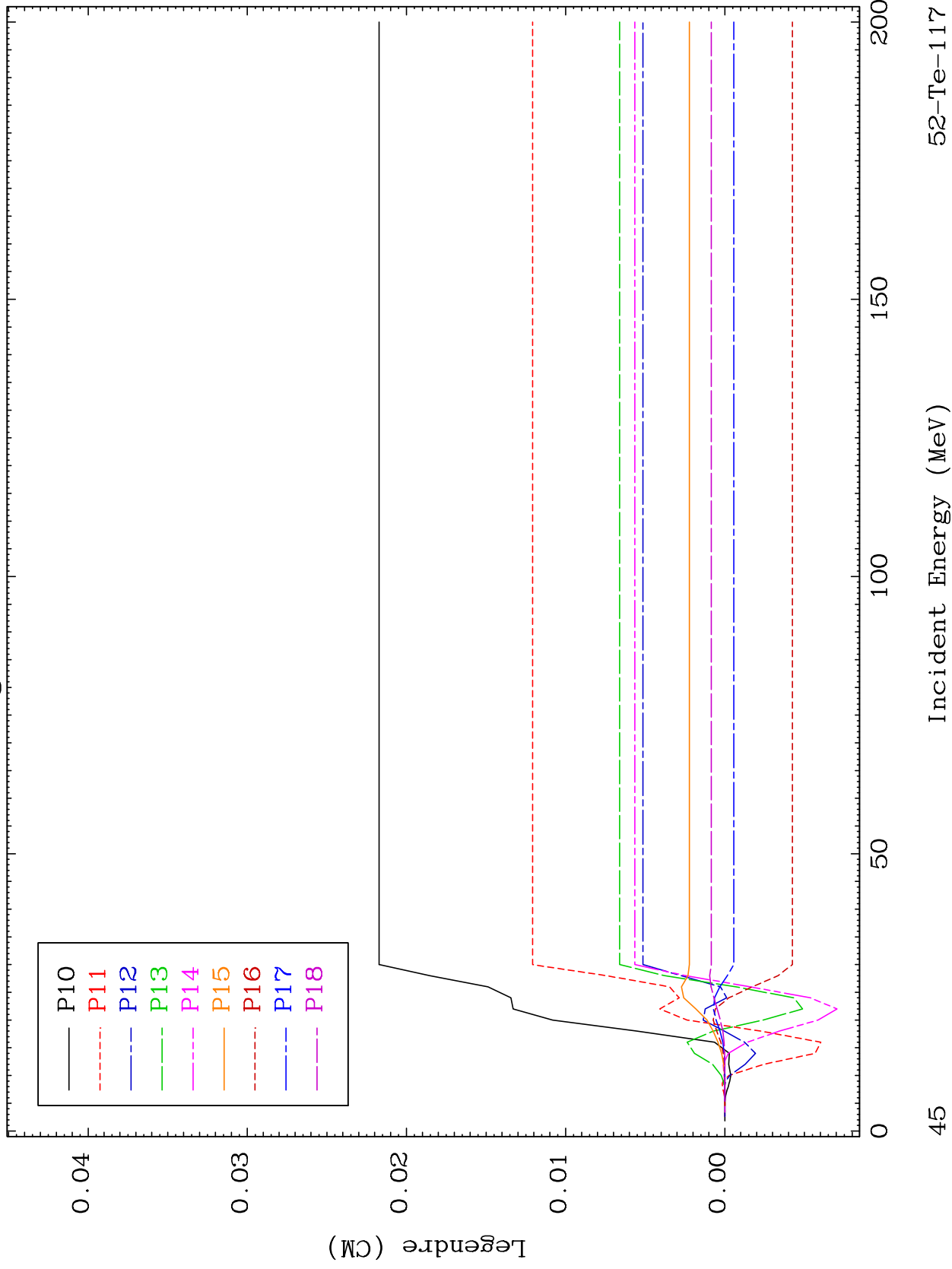
Incident Energy (MeV)

52-Te-117

MAT 5216

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

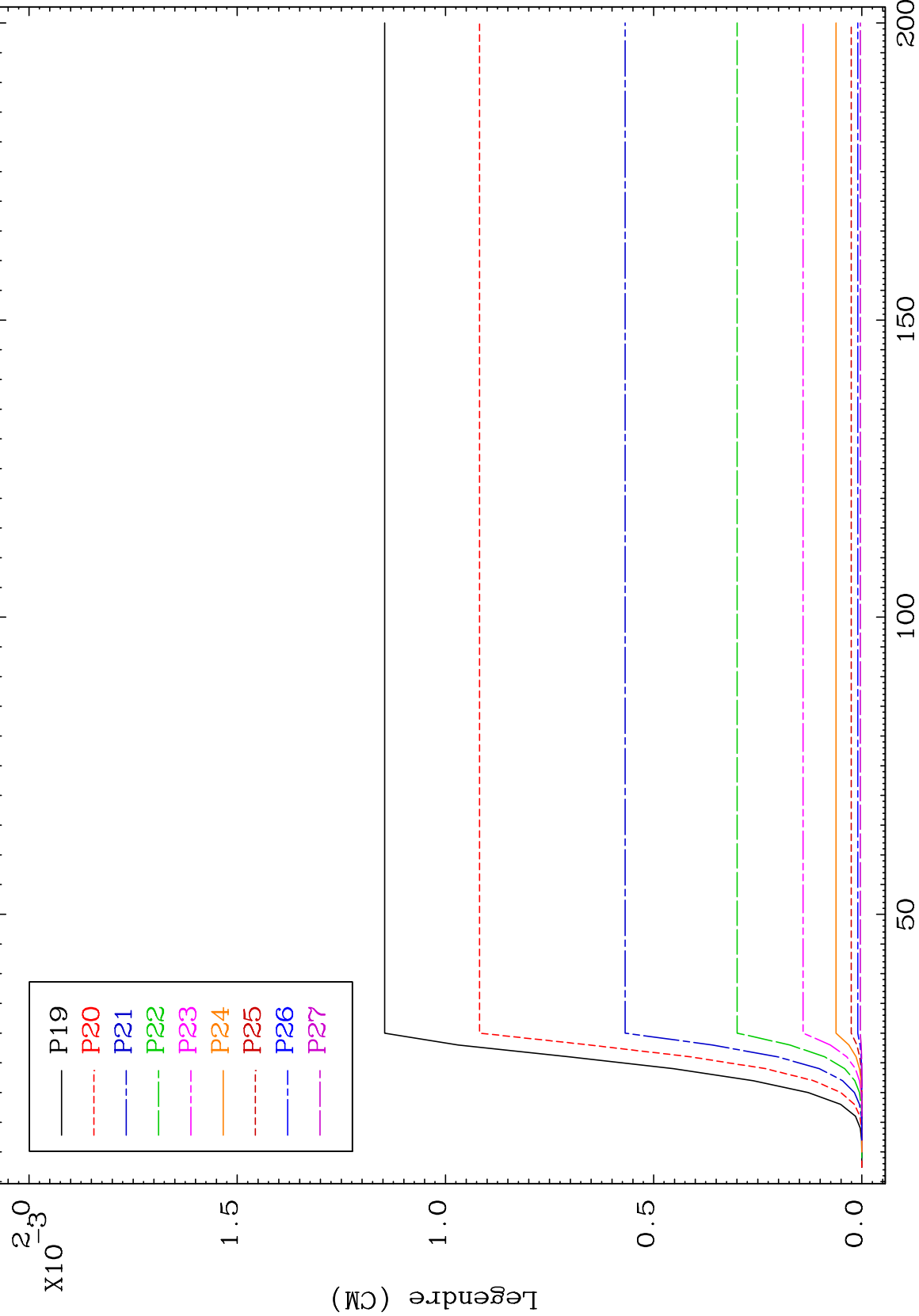
52-Te-117



MAT 5216

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

52-Te-117



46

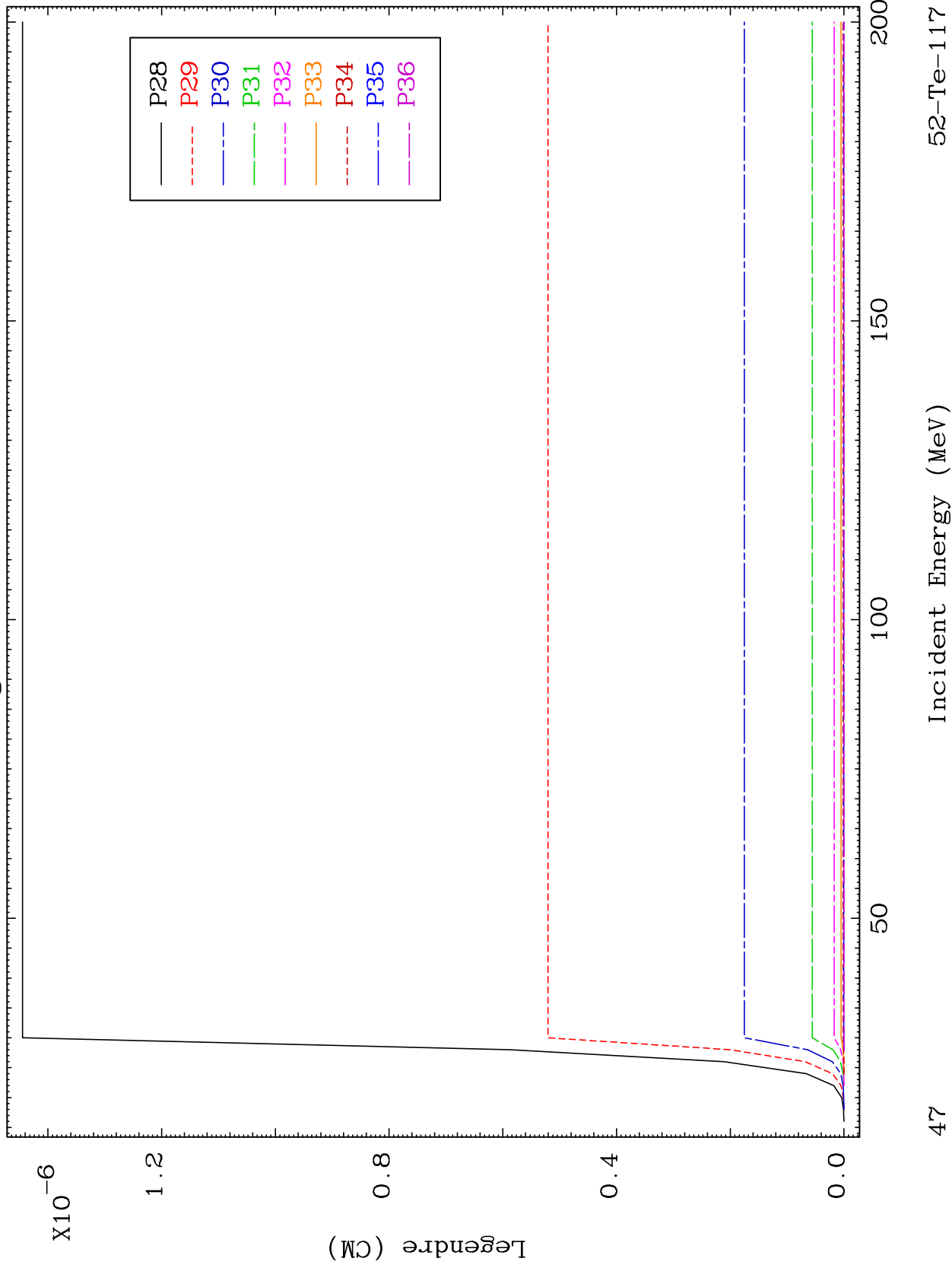
Incident Energy (MeV)

52-Te-117

MAT 5216

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

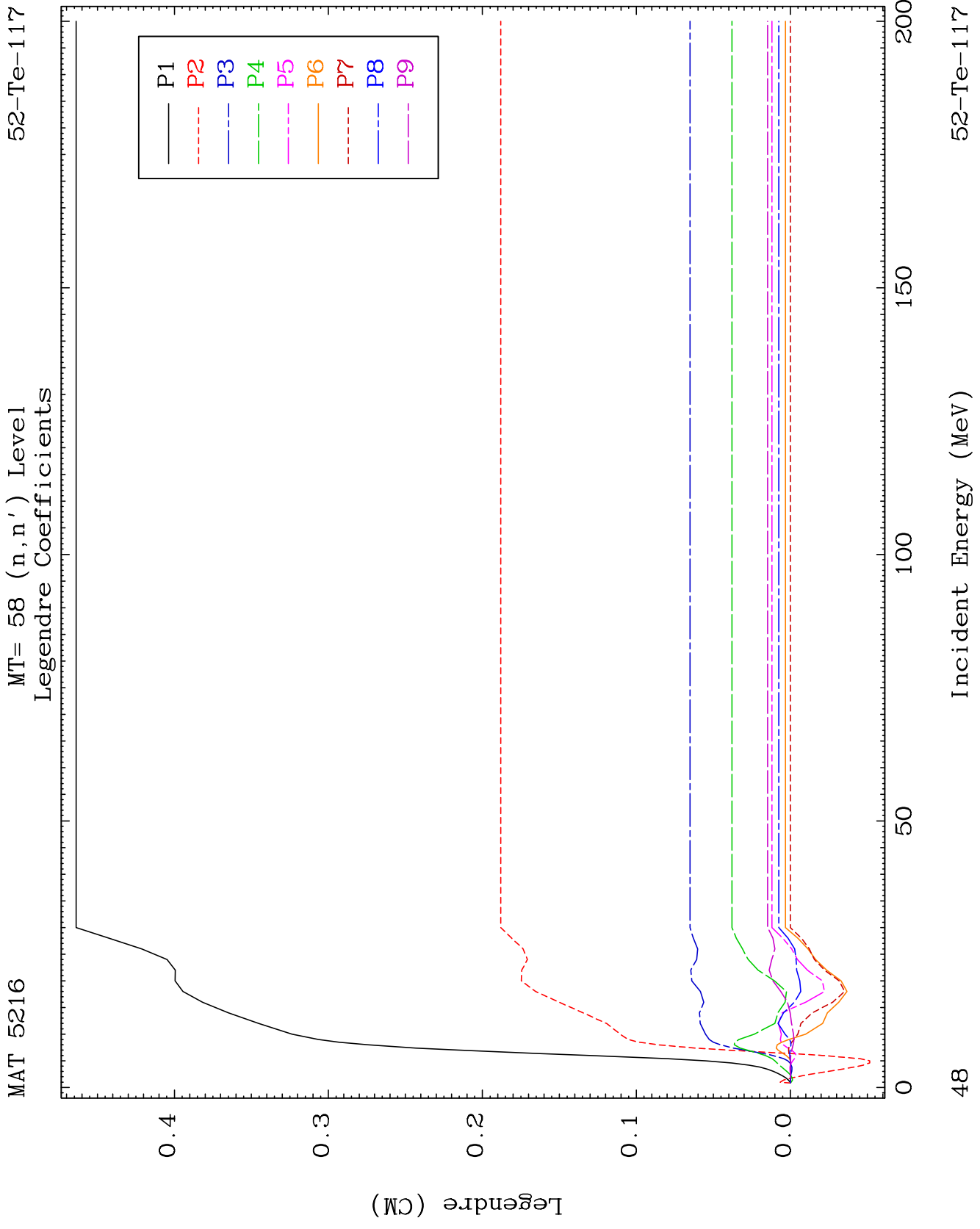
52-Te-117



47

Incident Energy (MeV)

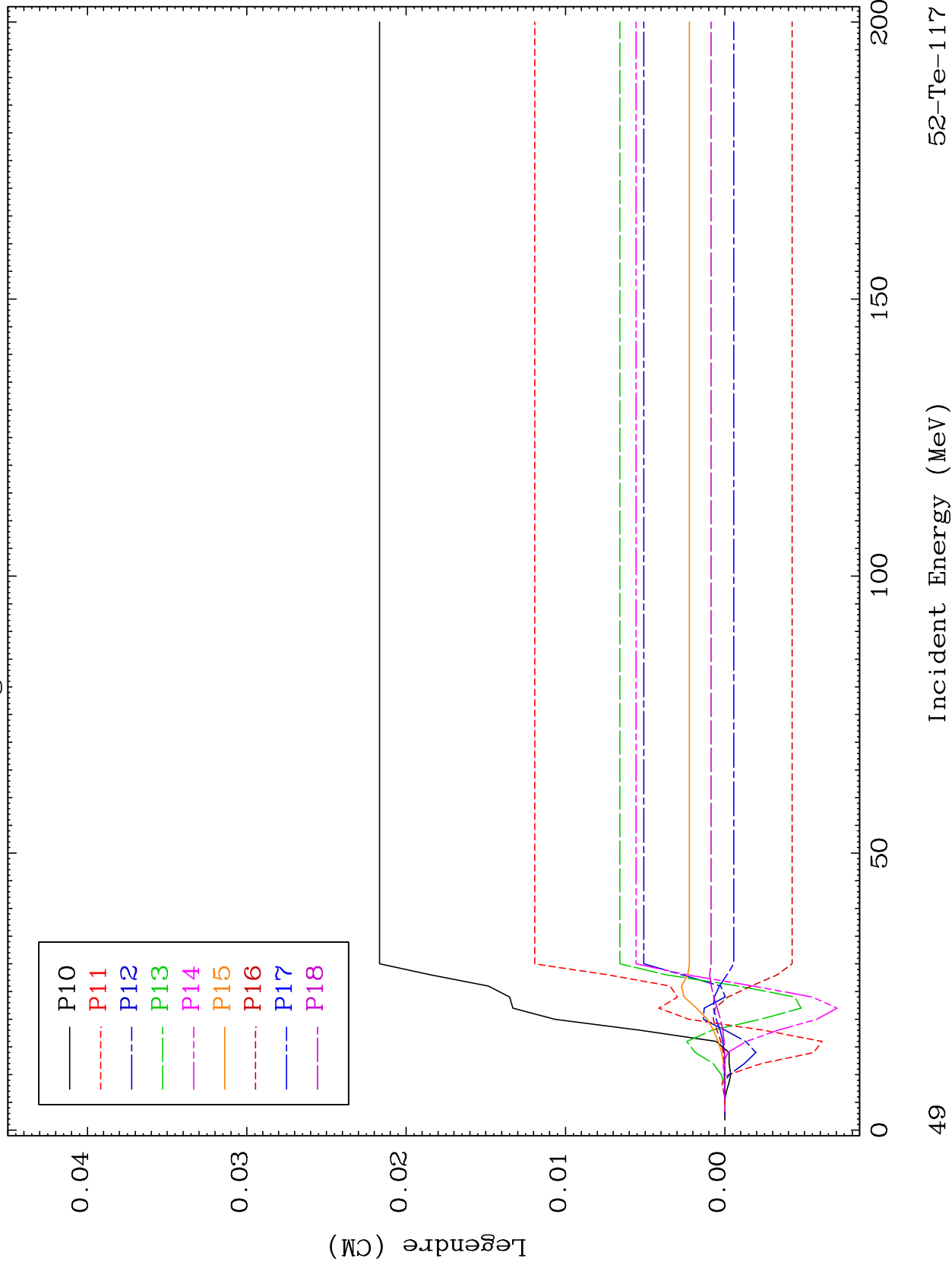
52-Te-117



MAT 5216

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

52-Te-117



49

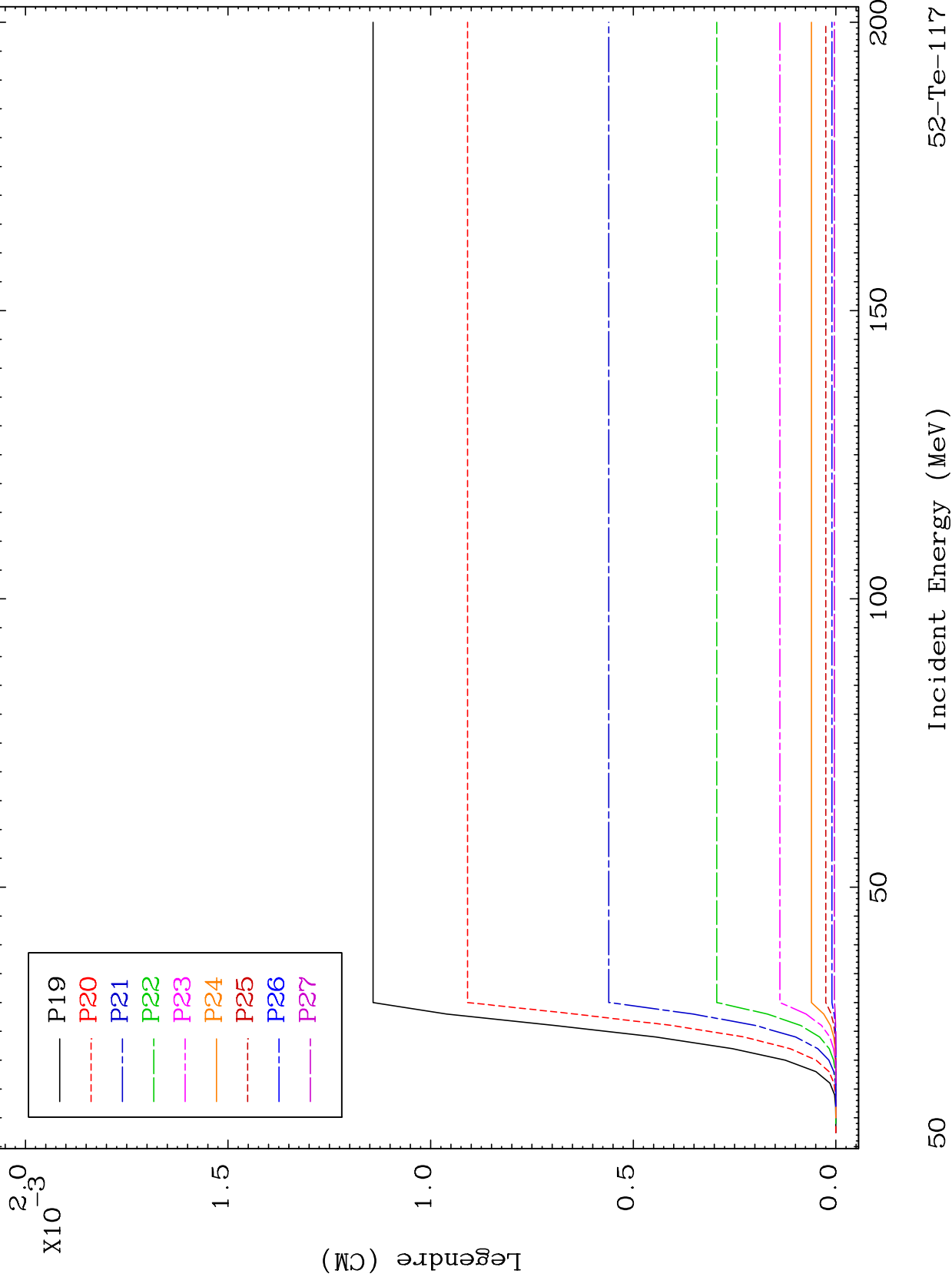
Incident Energy (MeV)

52-Te-117

MAT 5216

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

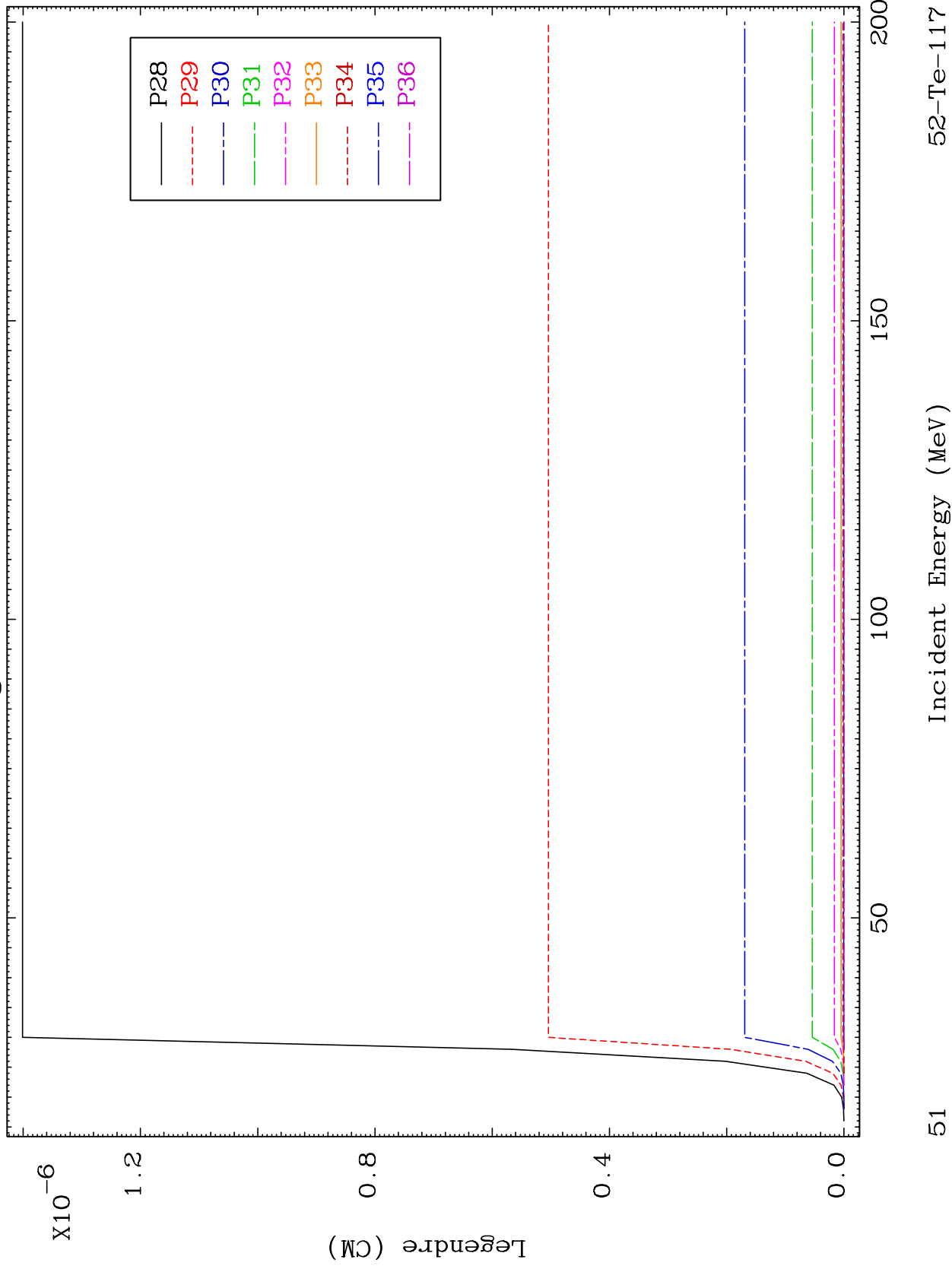
52-Te-117



MAT 5216

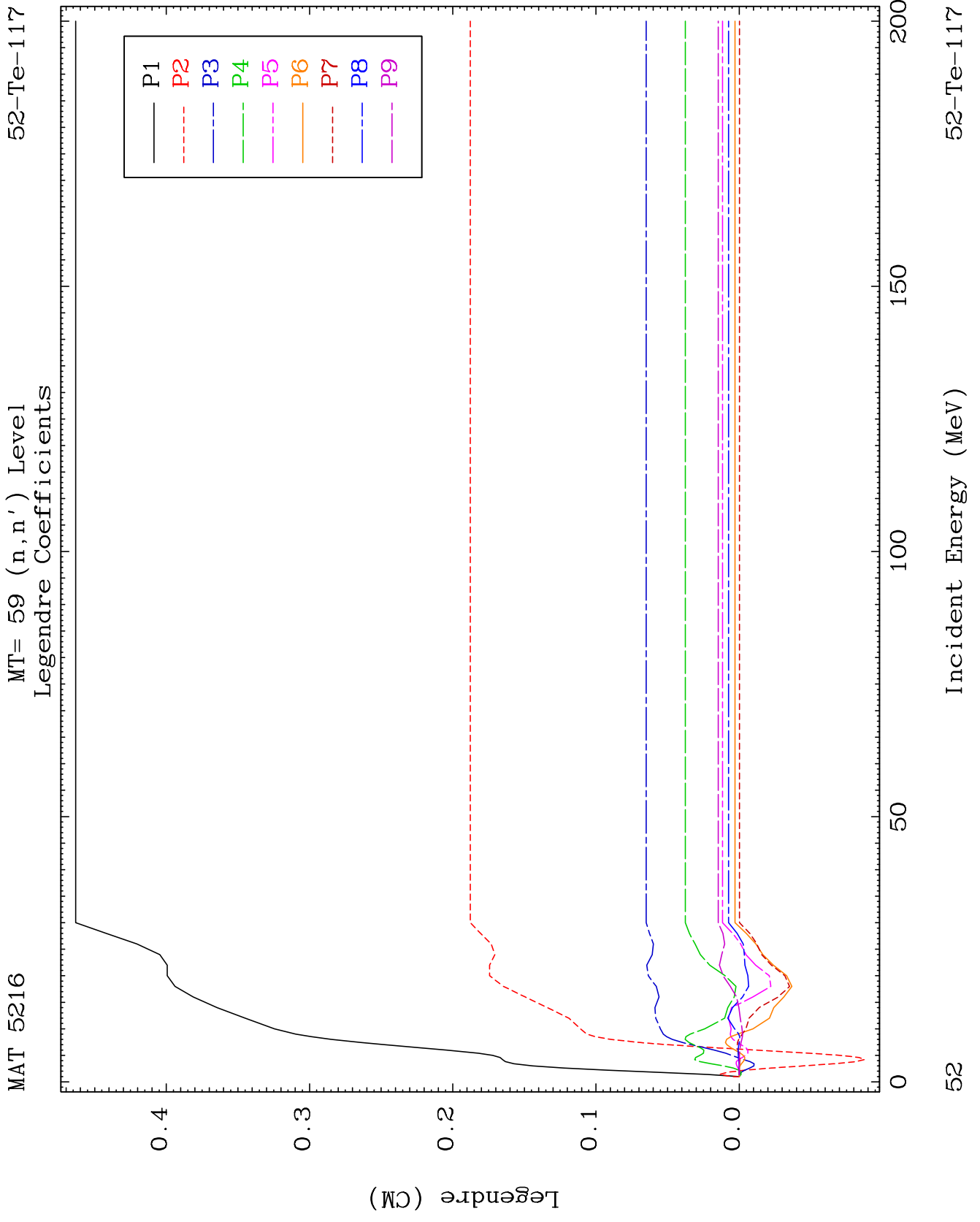
MT= 58 (n,n') Level
Legendre Coefficients

52-Te-117



51

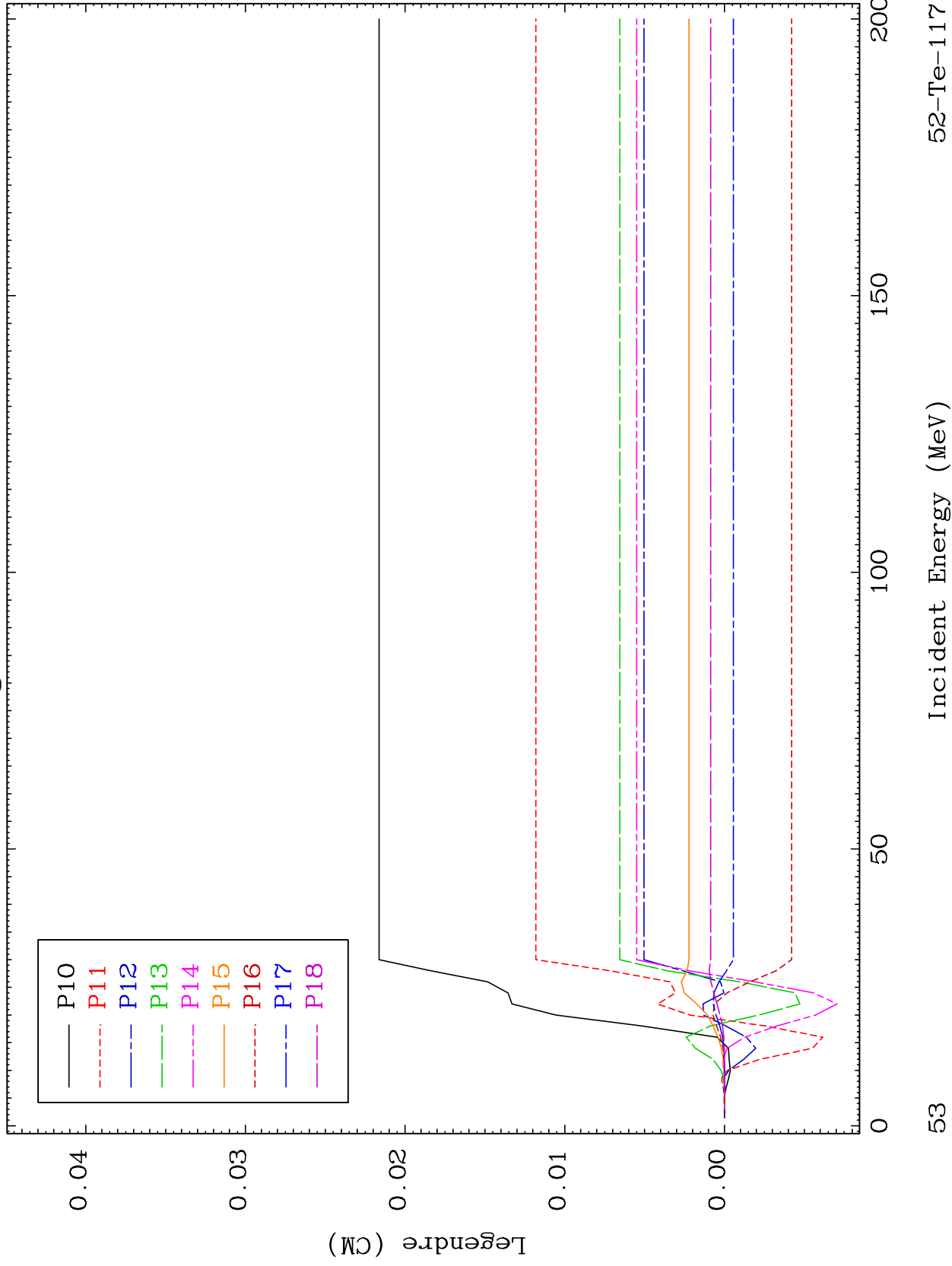
52-Te-117



MAT 5216

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

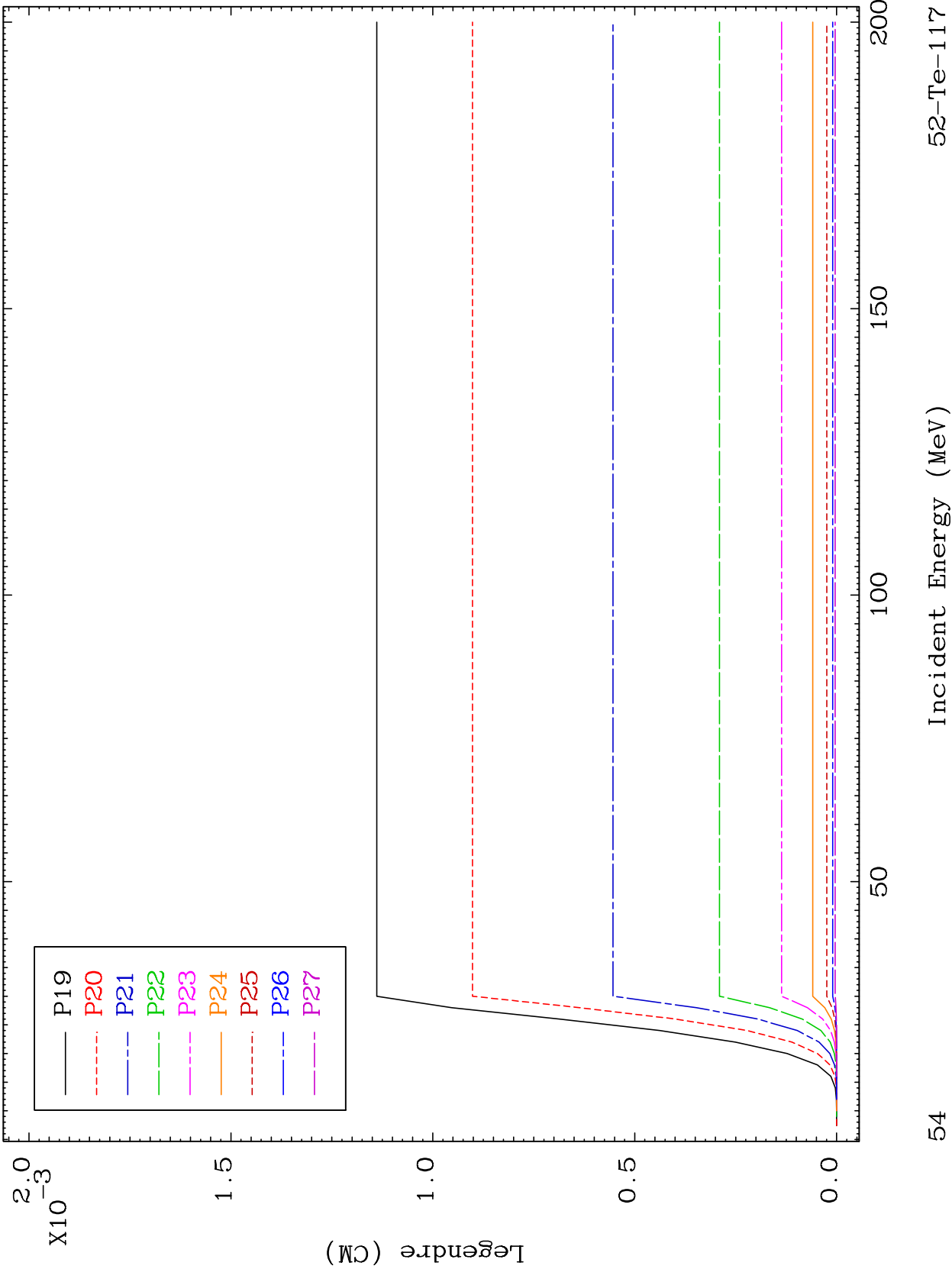
52-Te-117



52-Te-117

Incident Energy (MeV)

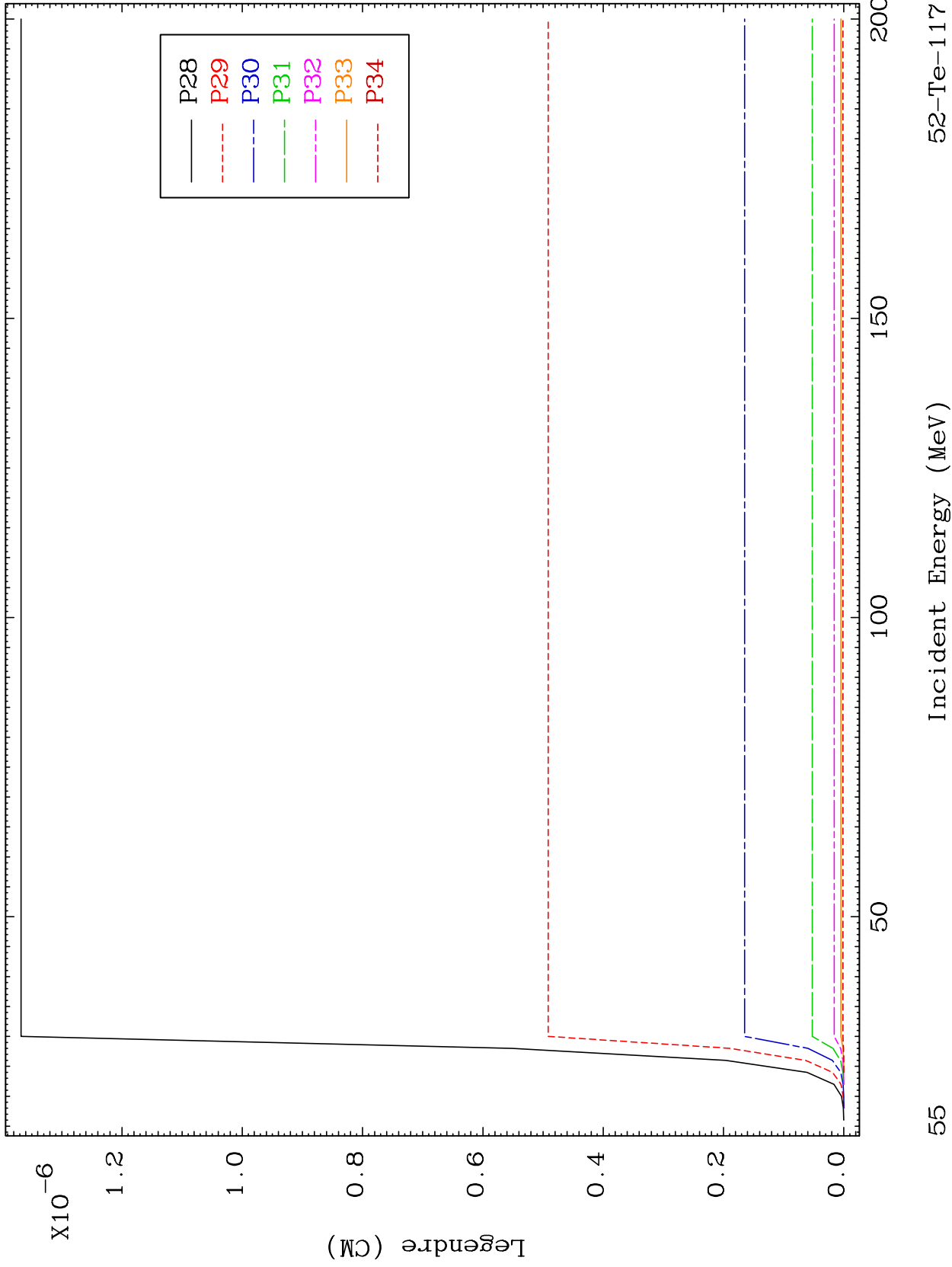
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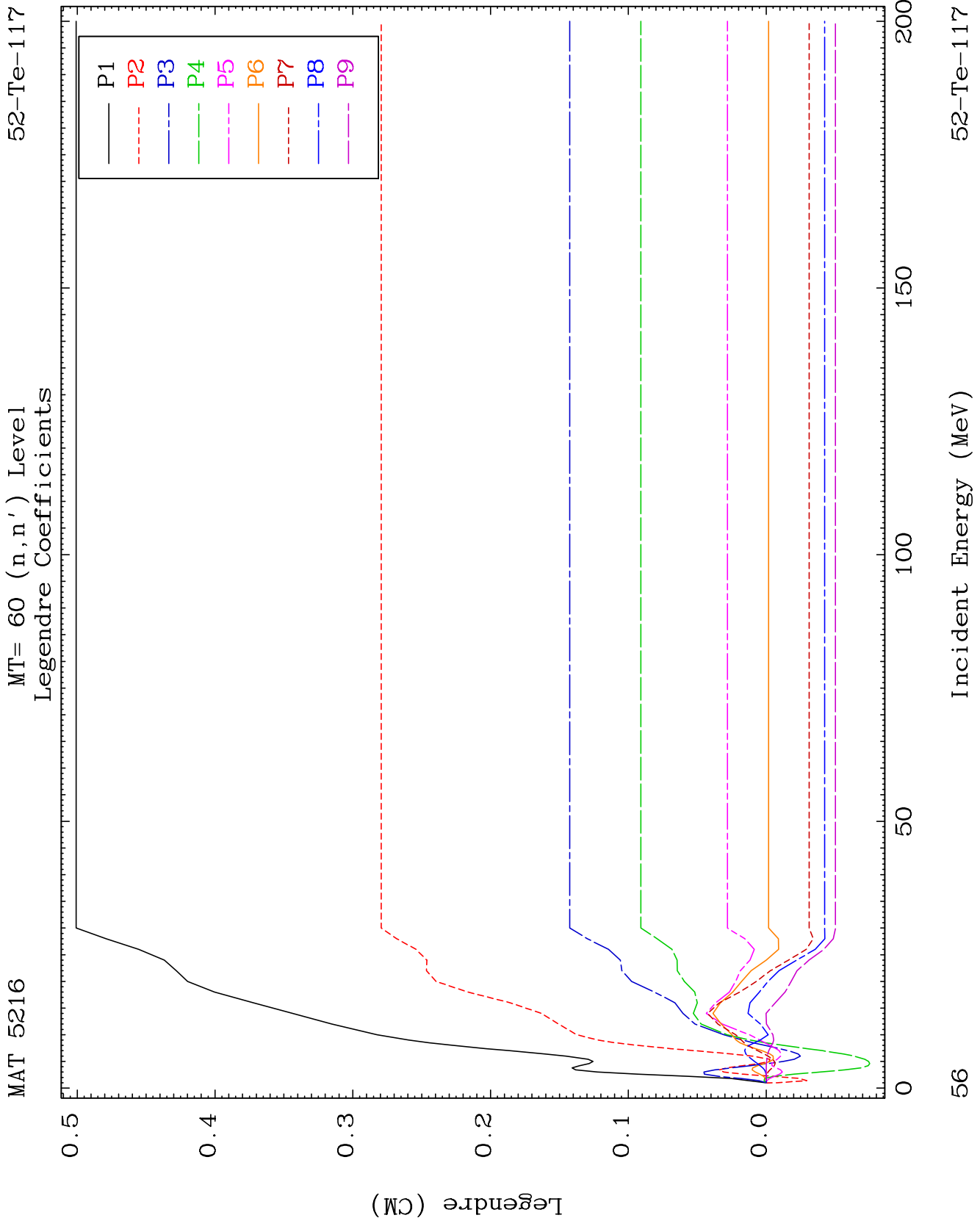


MAT 5216

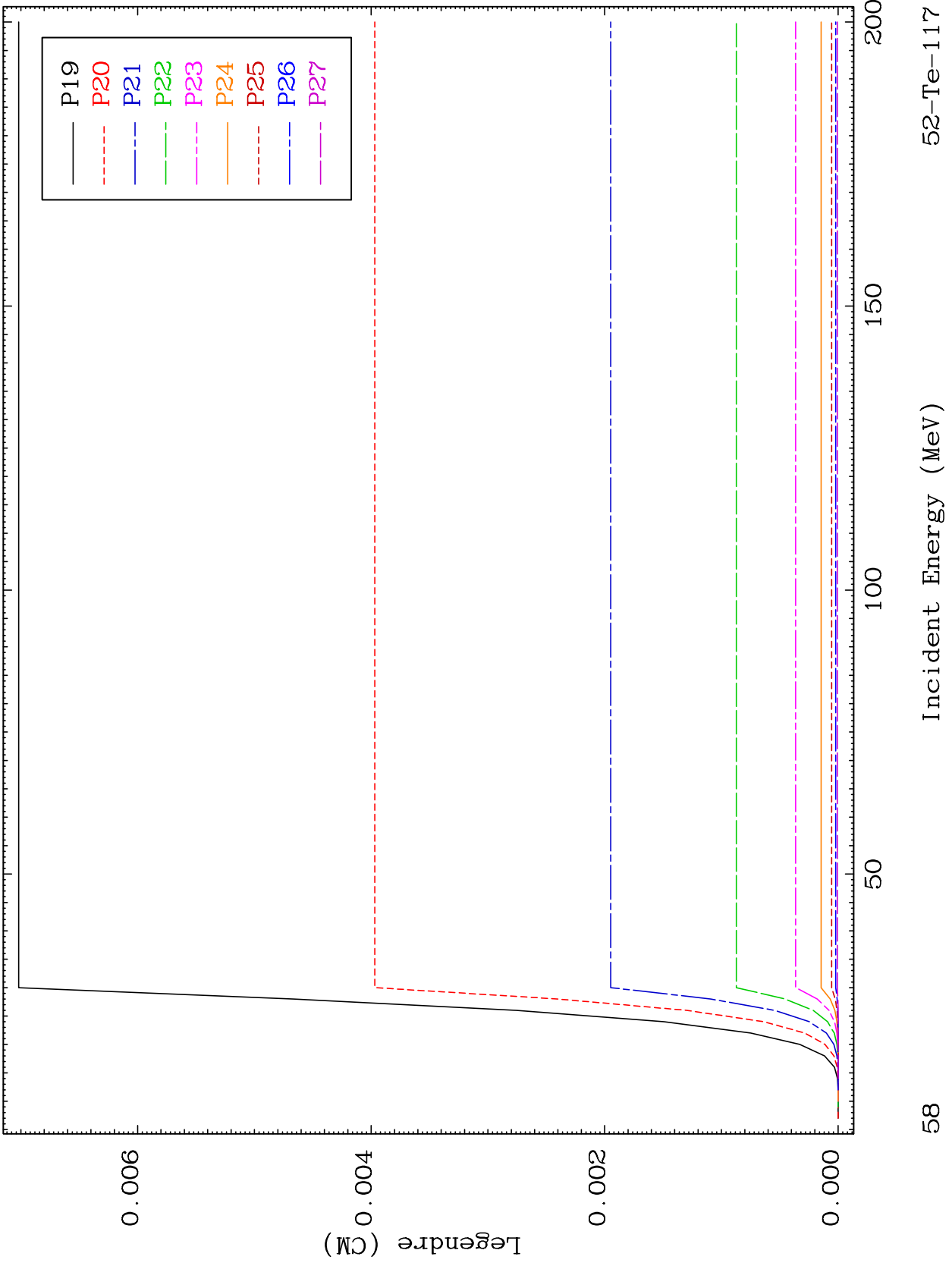
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Legendre Coefficients

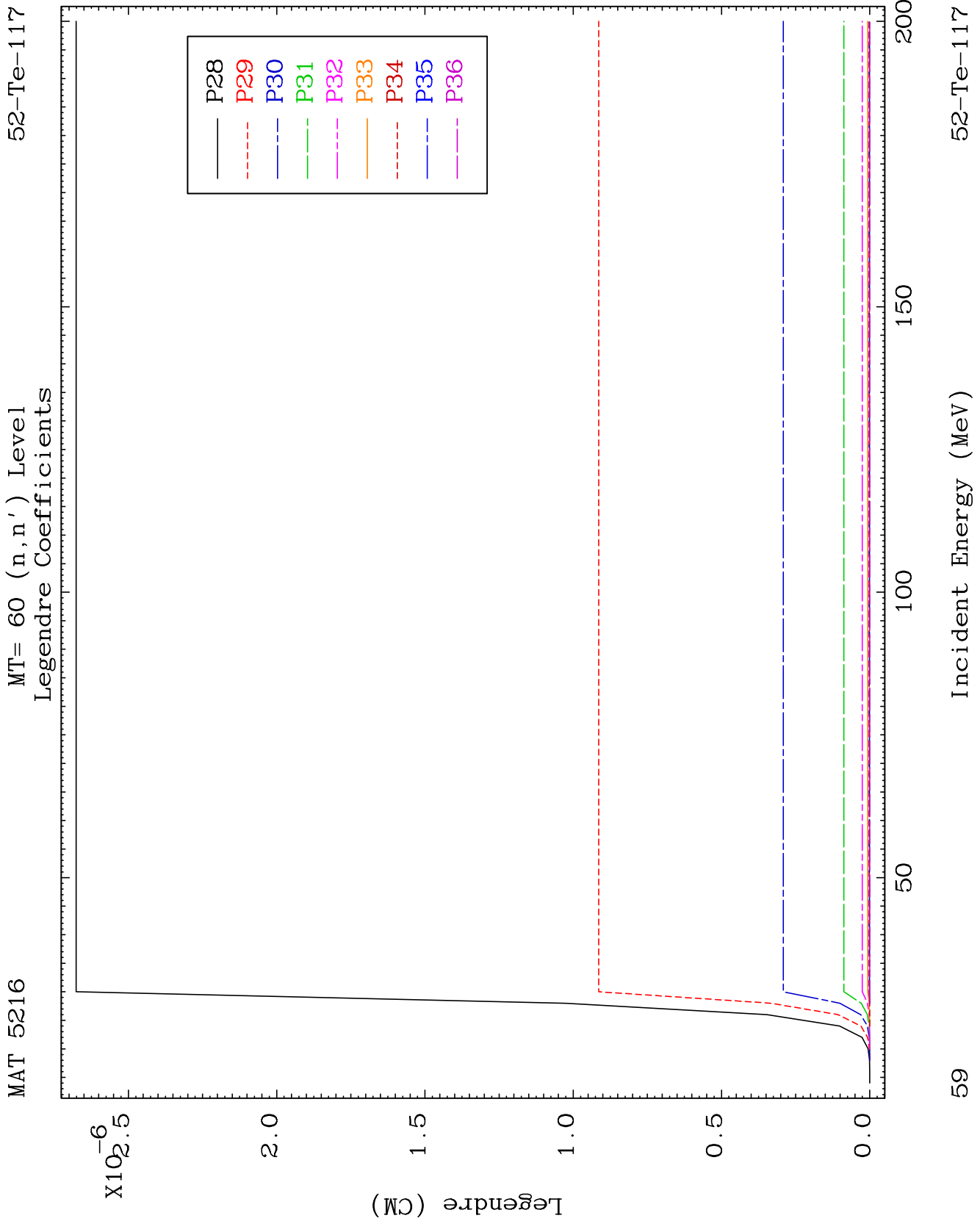
52-Te-117





MAT 5216 MT= 60 (n,n') Level Legendre Coefficients 52-Te-117

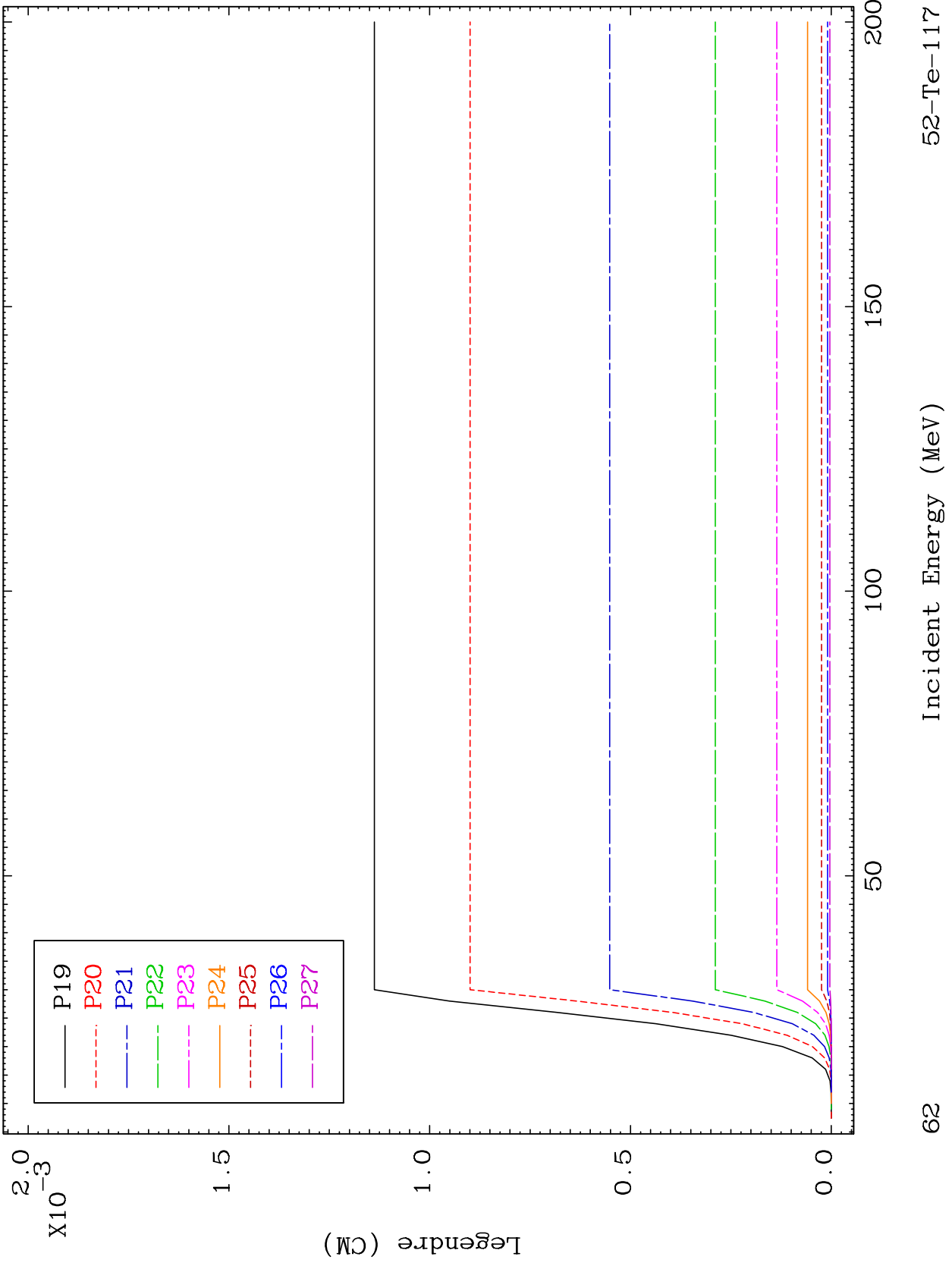




MAT 5216

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

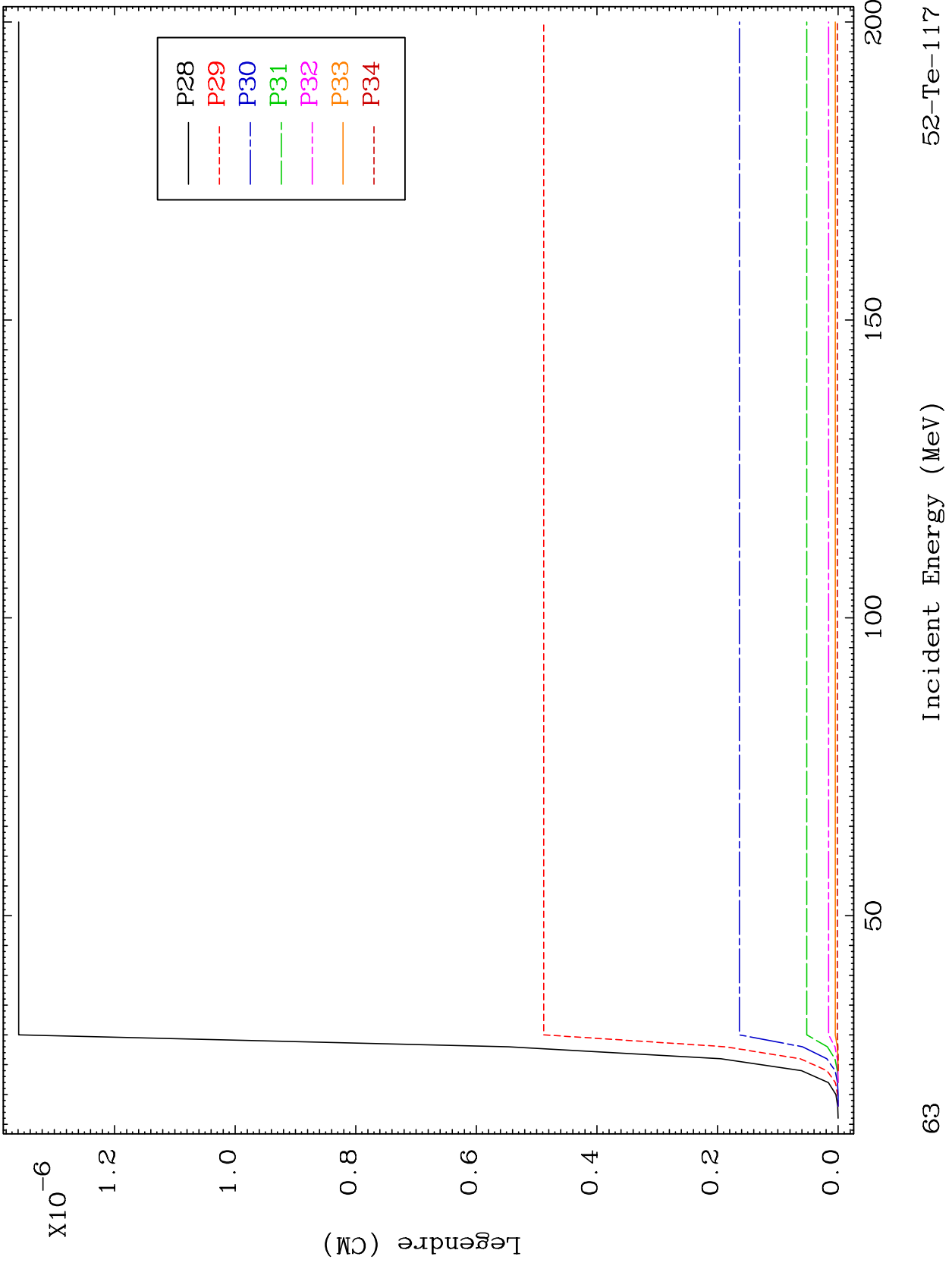
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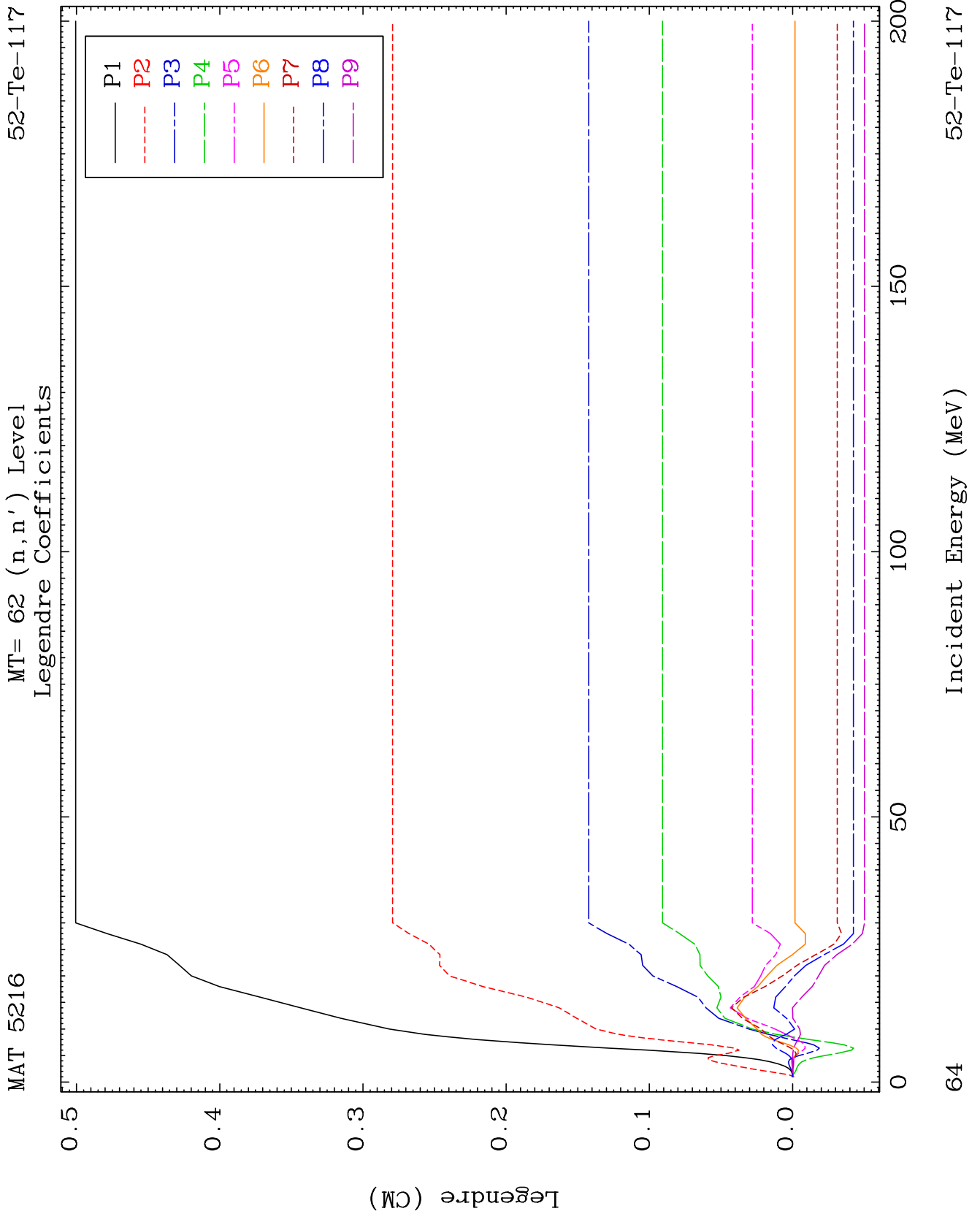


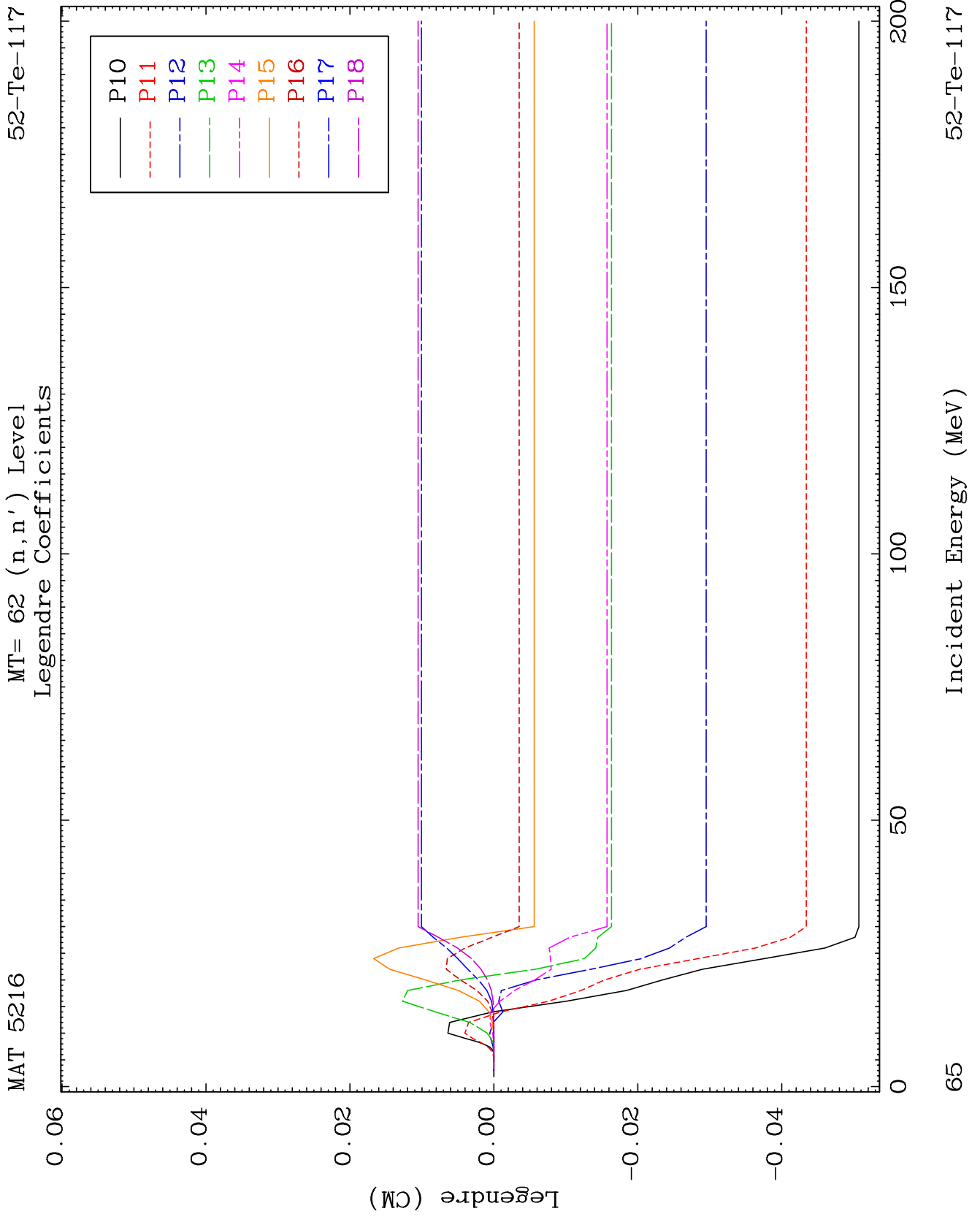
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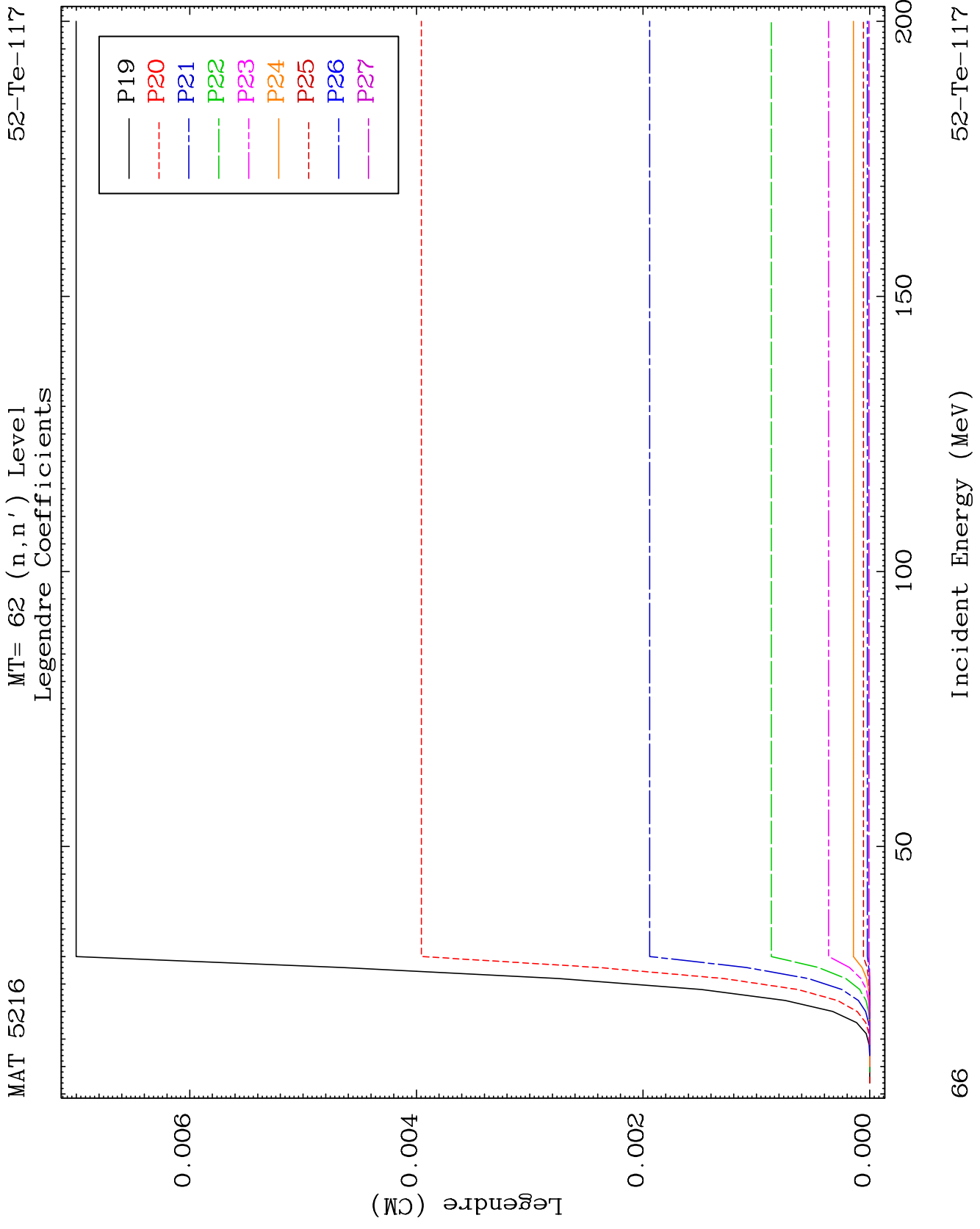
52-Te-117

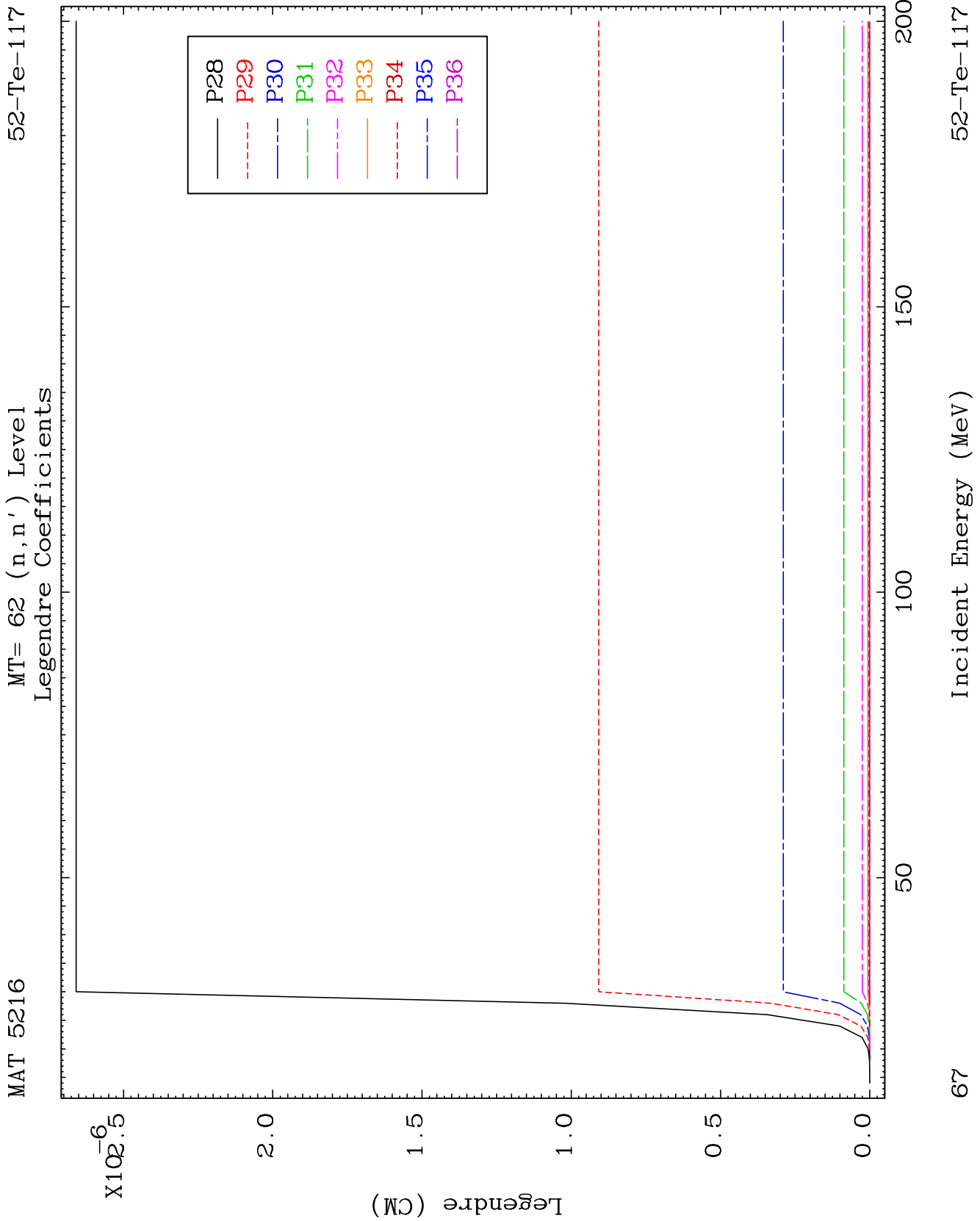
MAT 5216 MT= 61 (n,n') Level Legendre Coefficients 52-Te-117







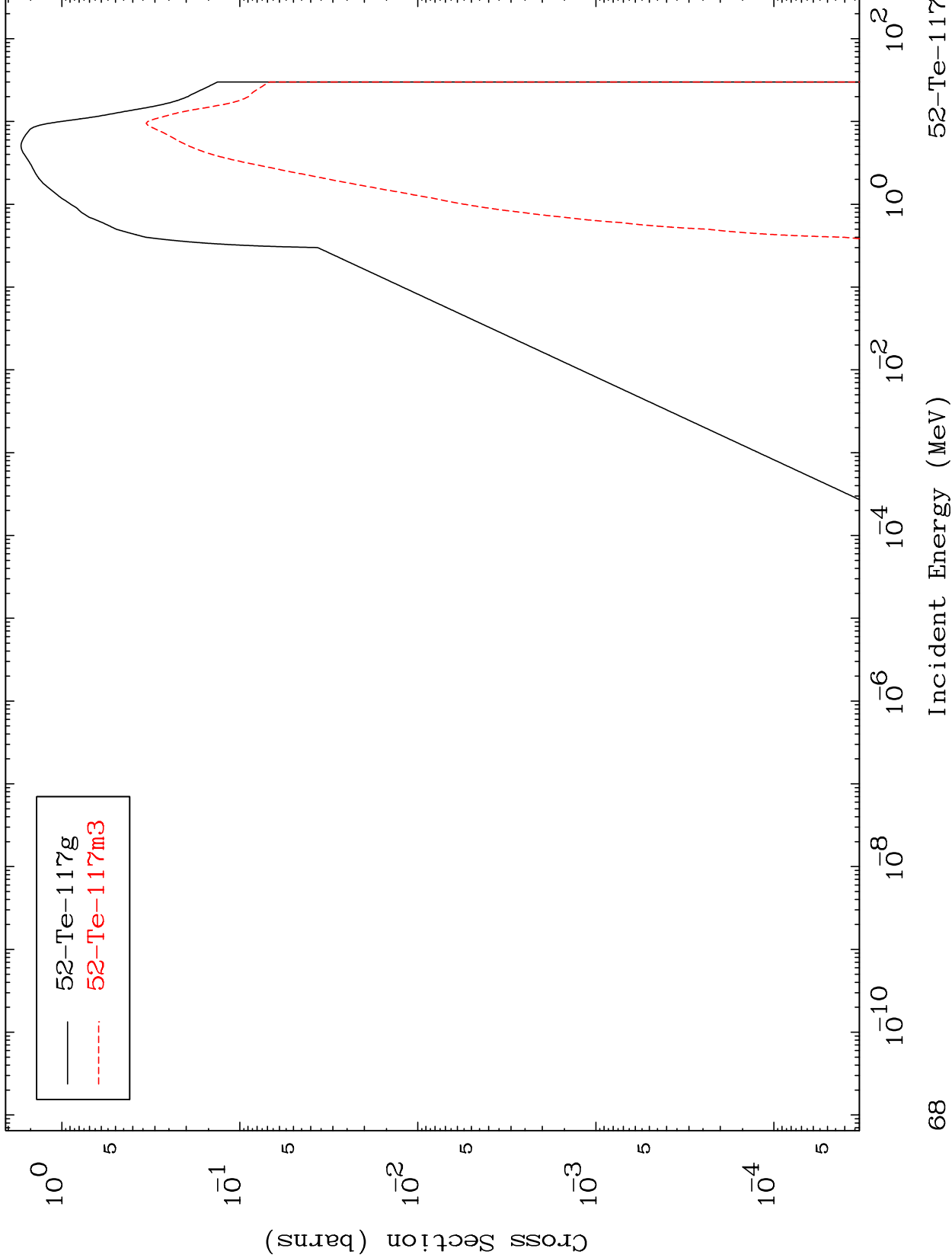




MAT 5216

Inelastic
Radionuclide Production Cross Section

52-Te-117

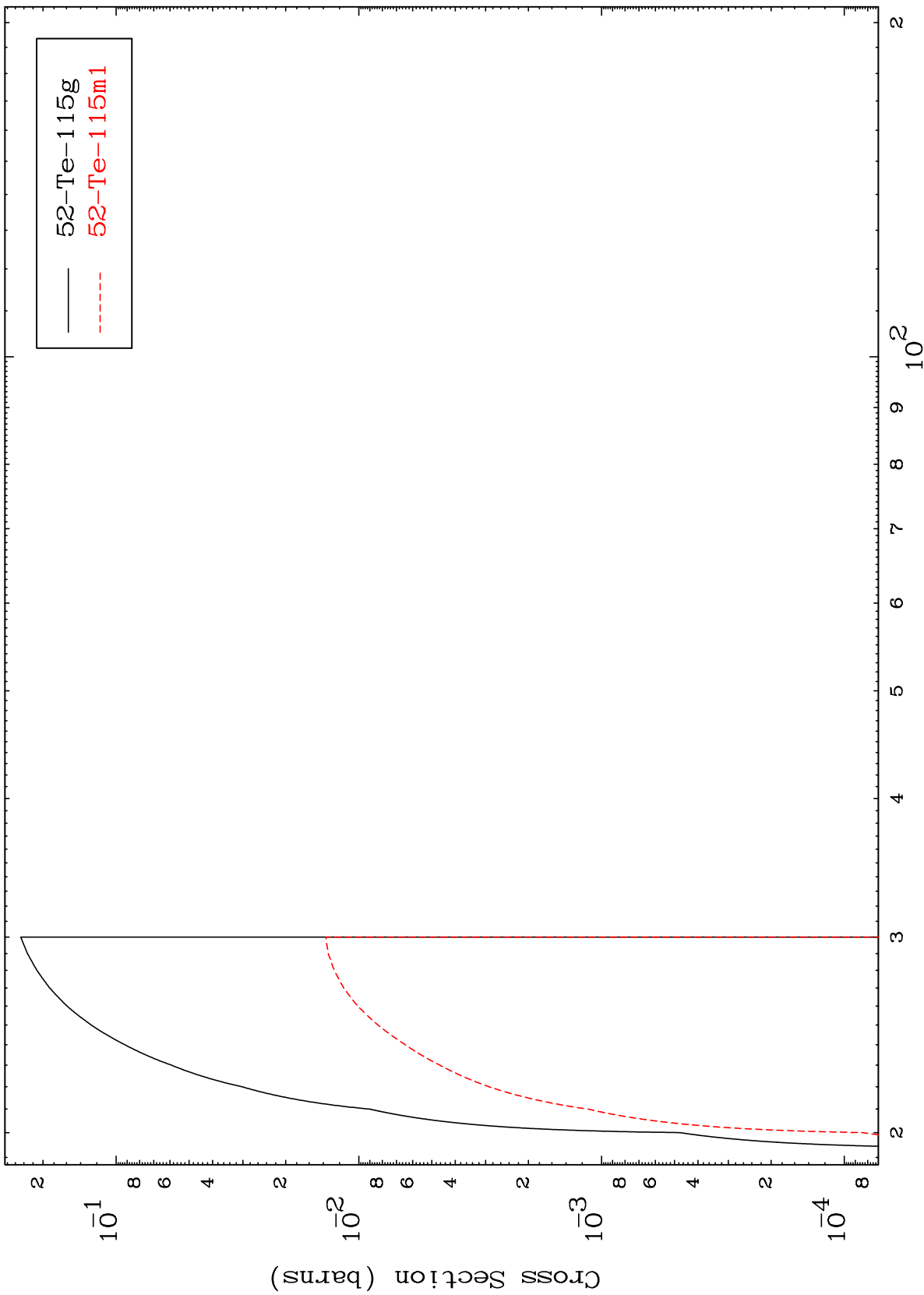


MAT 5216

52-Te-117

(n,3n)

Radionuclide Production Cross Section



69

Incident Energy (MeV)

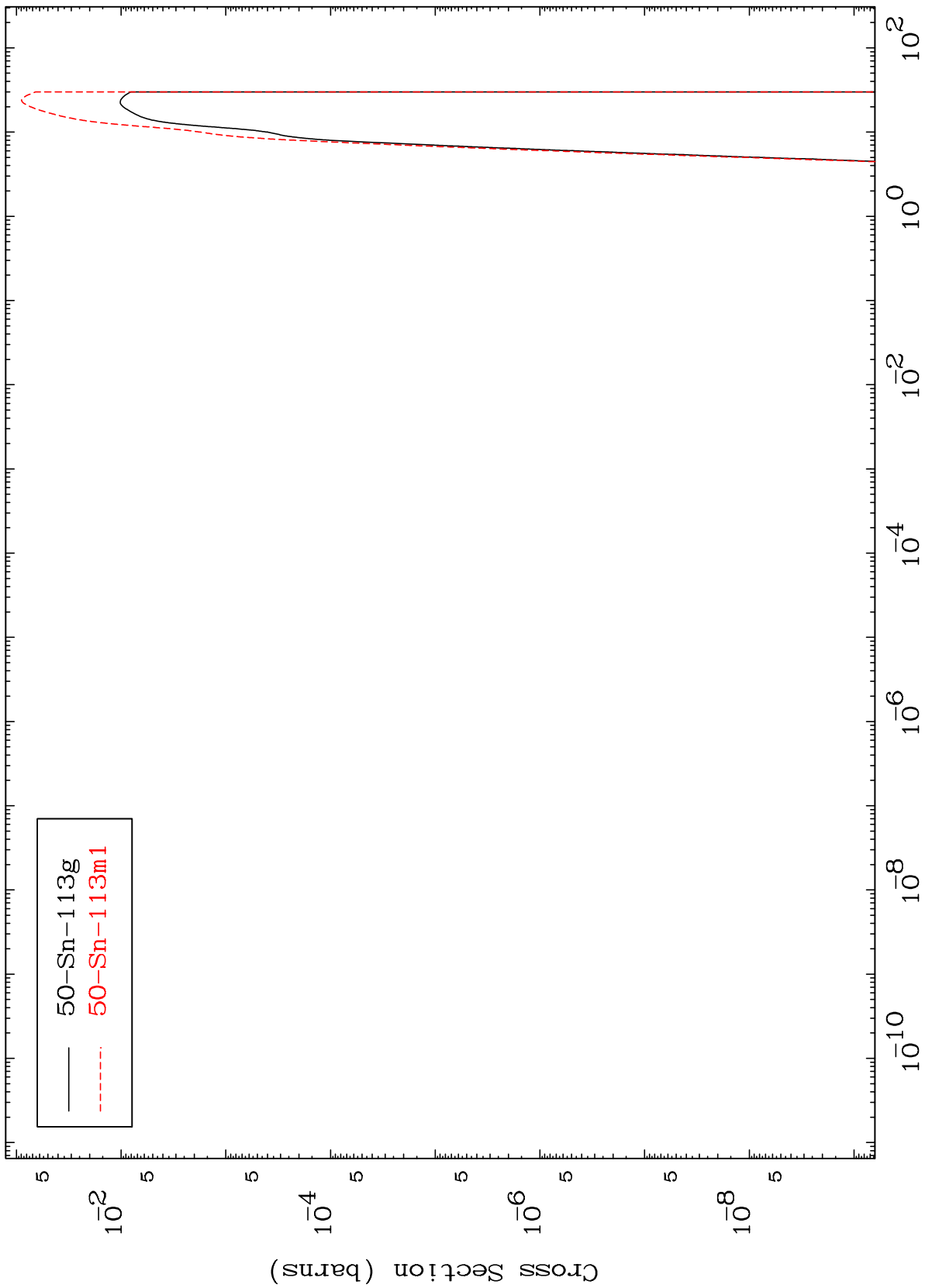
52-Te-117

MAT 5216

$(n, n') \alpha$

$^{52}\text{Te-117}$

Radionuclide Production Cross Section

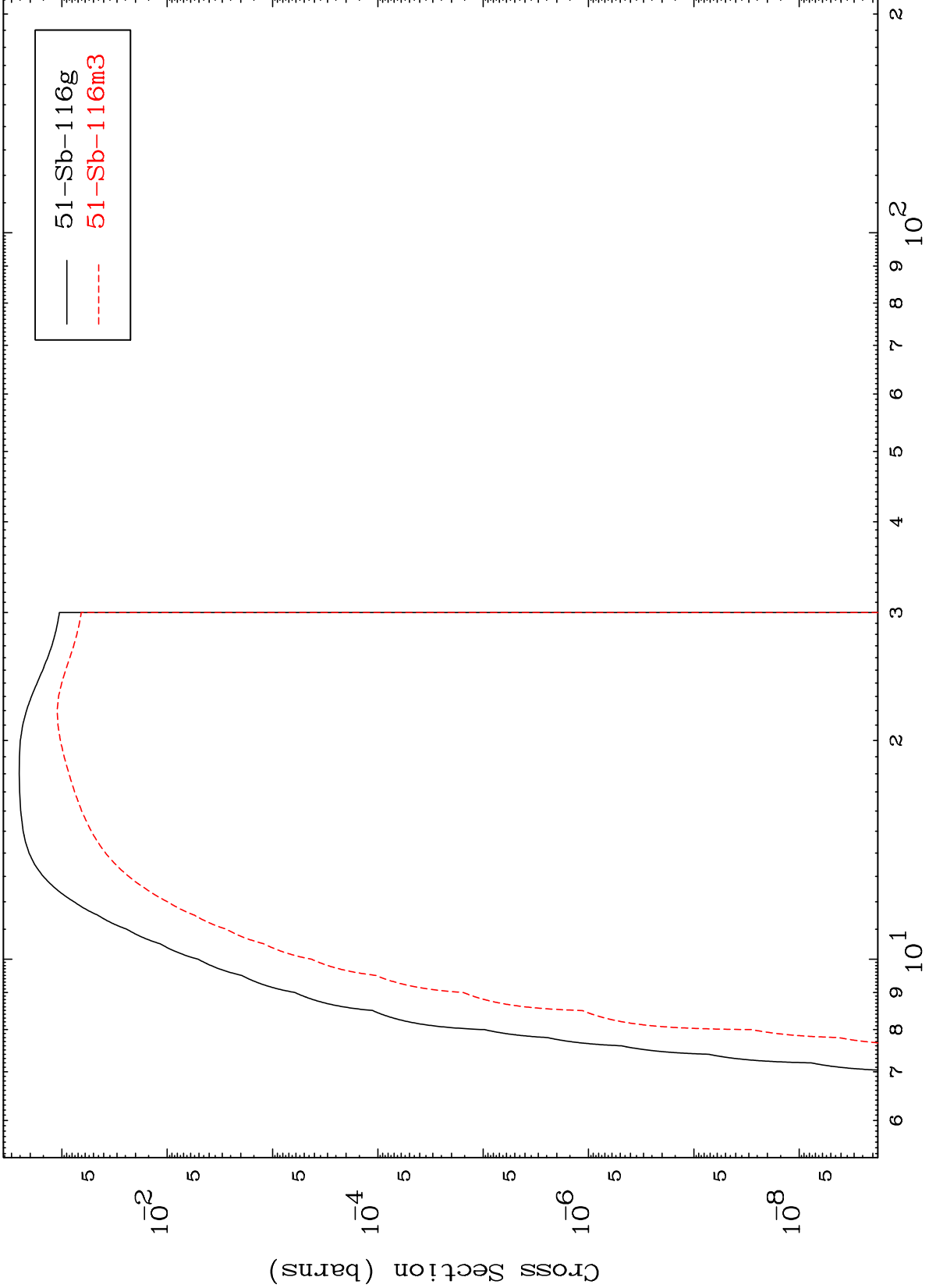


70

Incident Energy (MeV)

$^{52}\text{Te-117}$

Radionuclide Production Cross Section

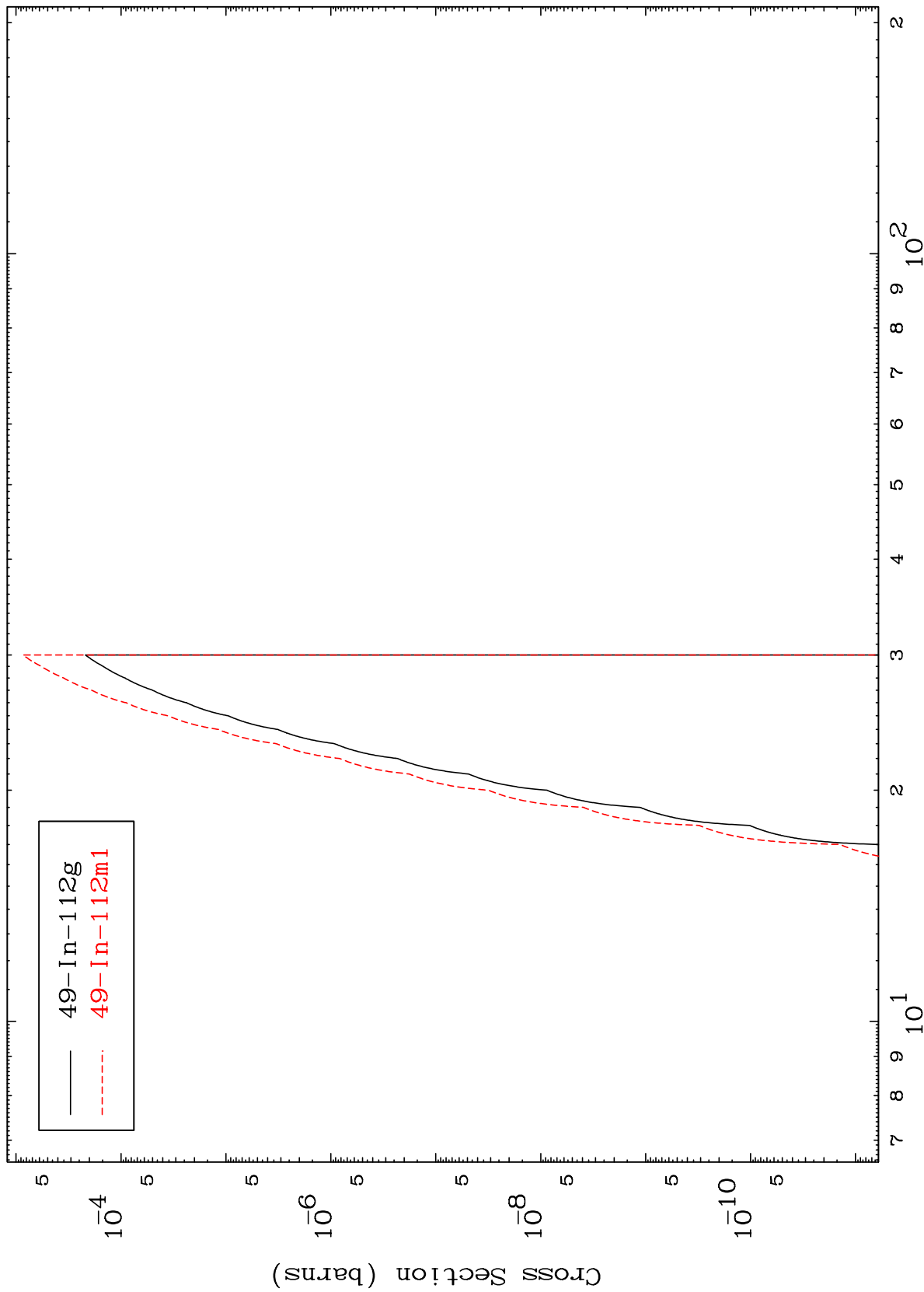


MAT 5216

(n,n') p α

52-Te-117

Radionuclide Production Cross Section



72

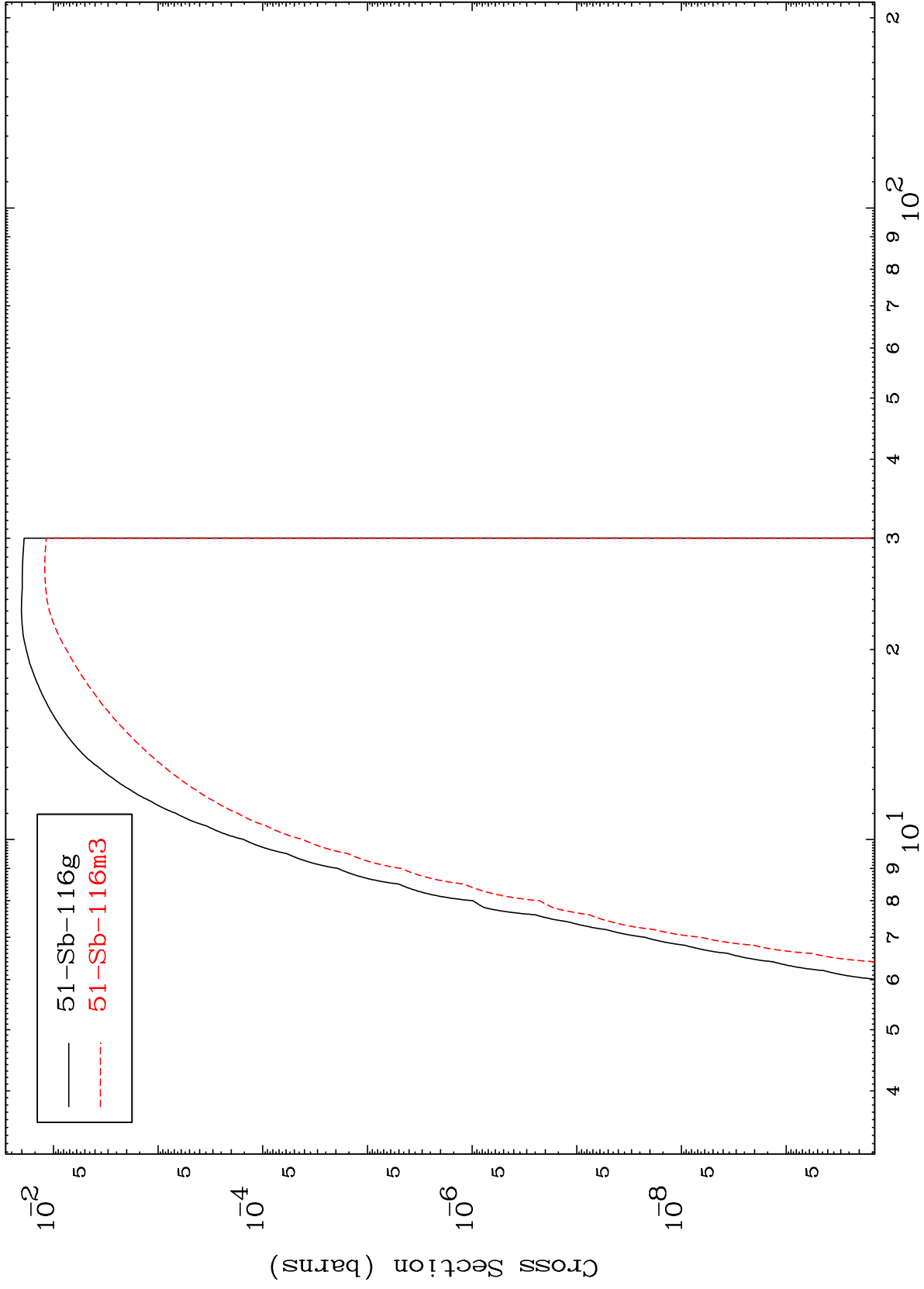
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(n,d)
Radionuclide Production Cross Section



— 51-Sb-116g
- - - 51-Sb-116m3

52-Te-117

Incident Energy (MeV)

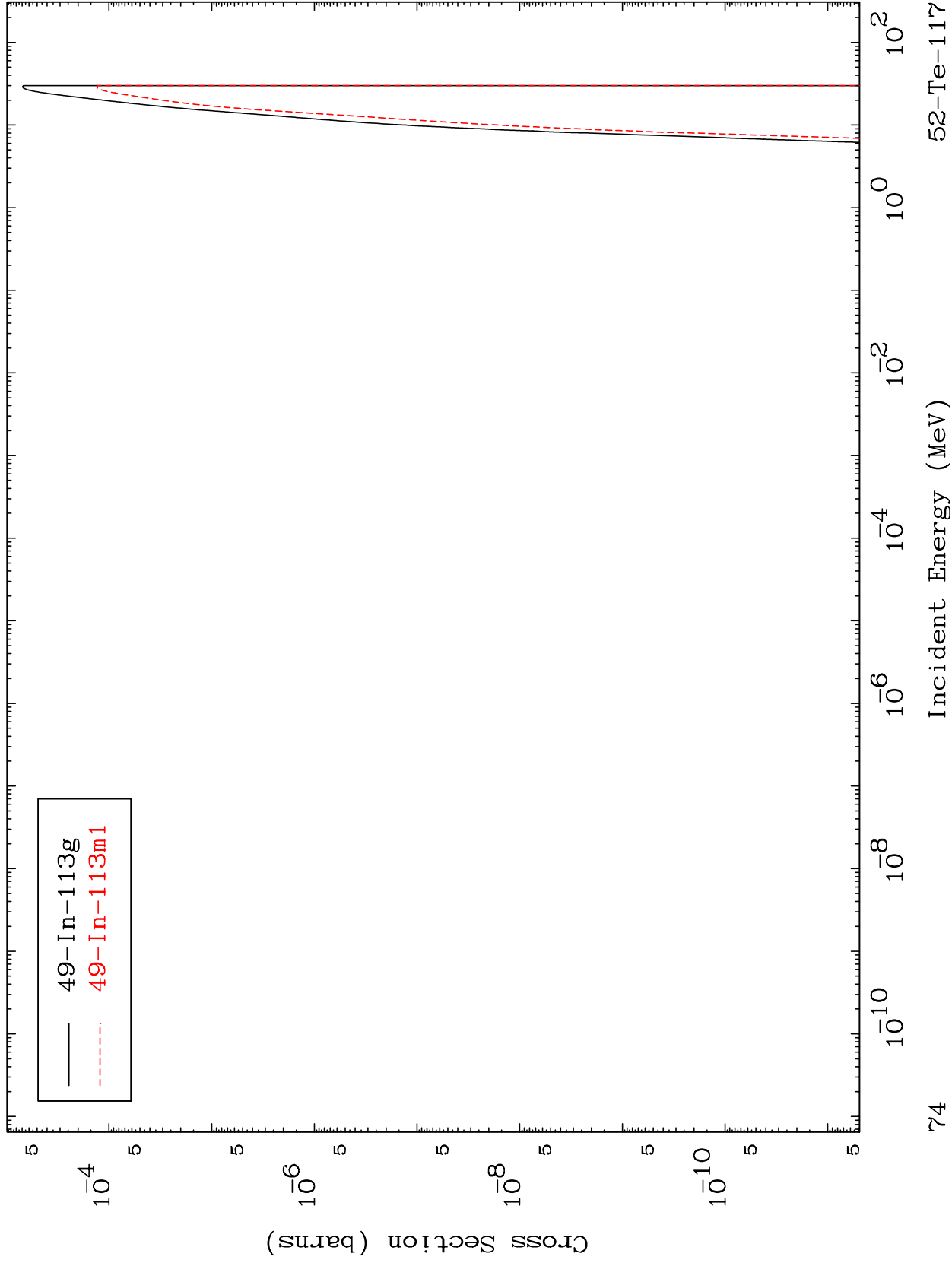
73

MAT 5216

(n,p) α

52-Te-117

Radionuclide Production Cross Section

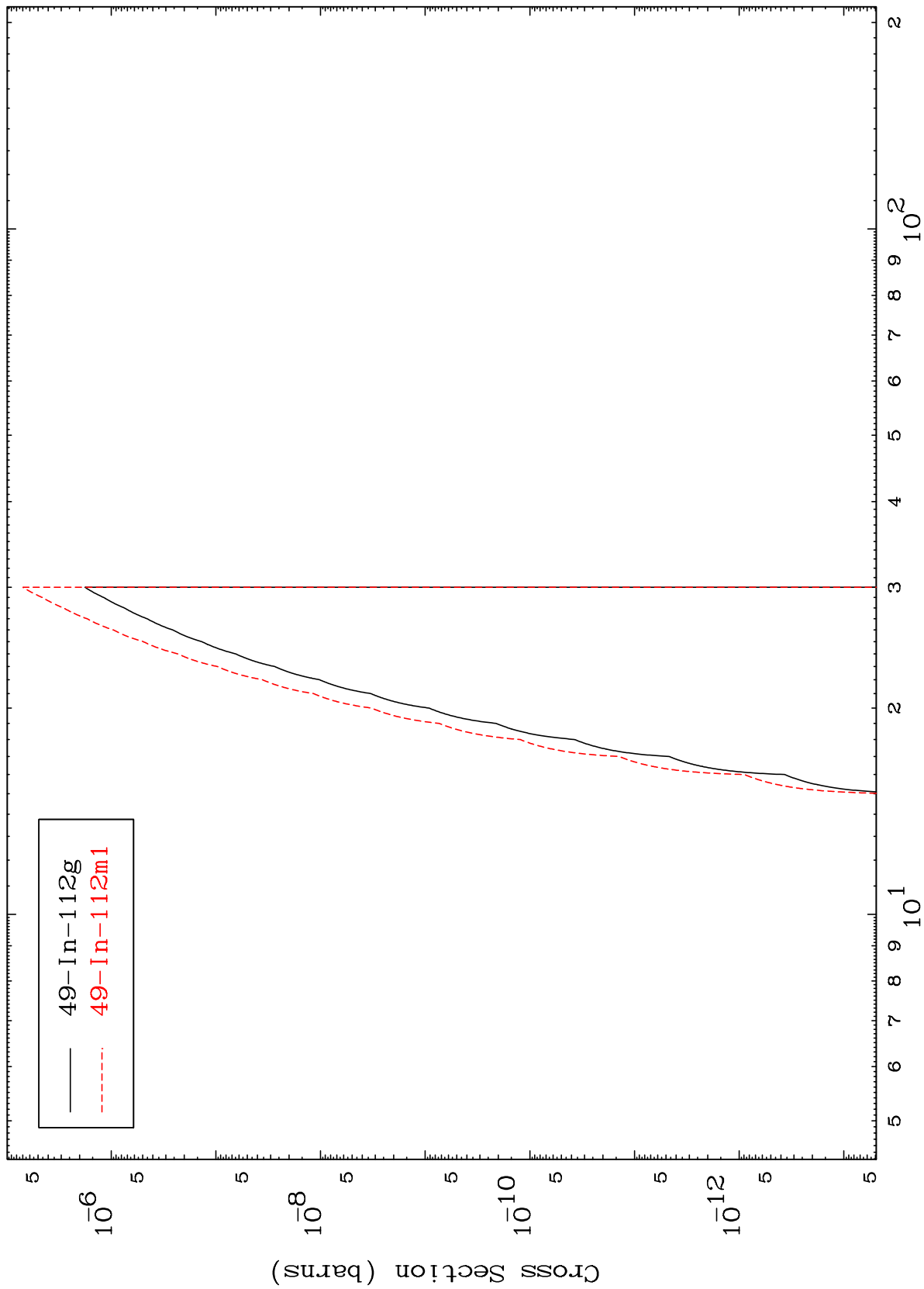


MAT 5216

(n,d) α

52-Te-117

Radionuclide Production Cross Section



49-In-112g
49-In-112m1