

Program EVALPLOT
(Version 2017-1)

by

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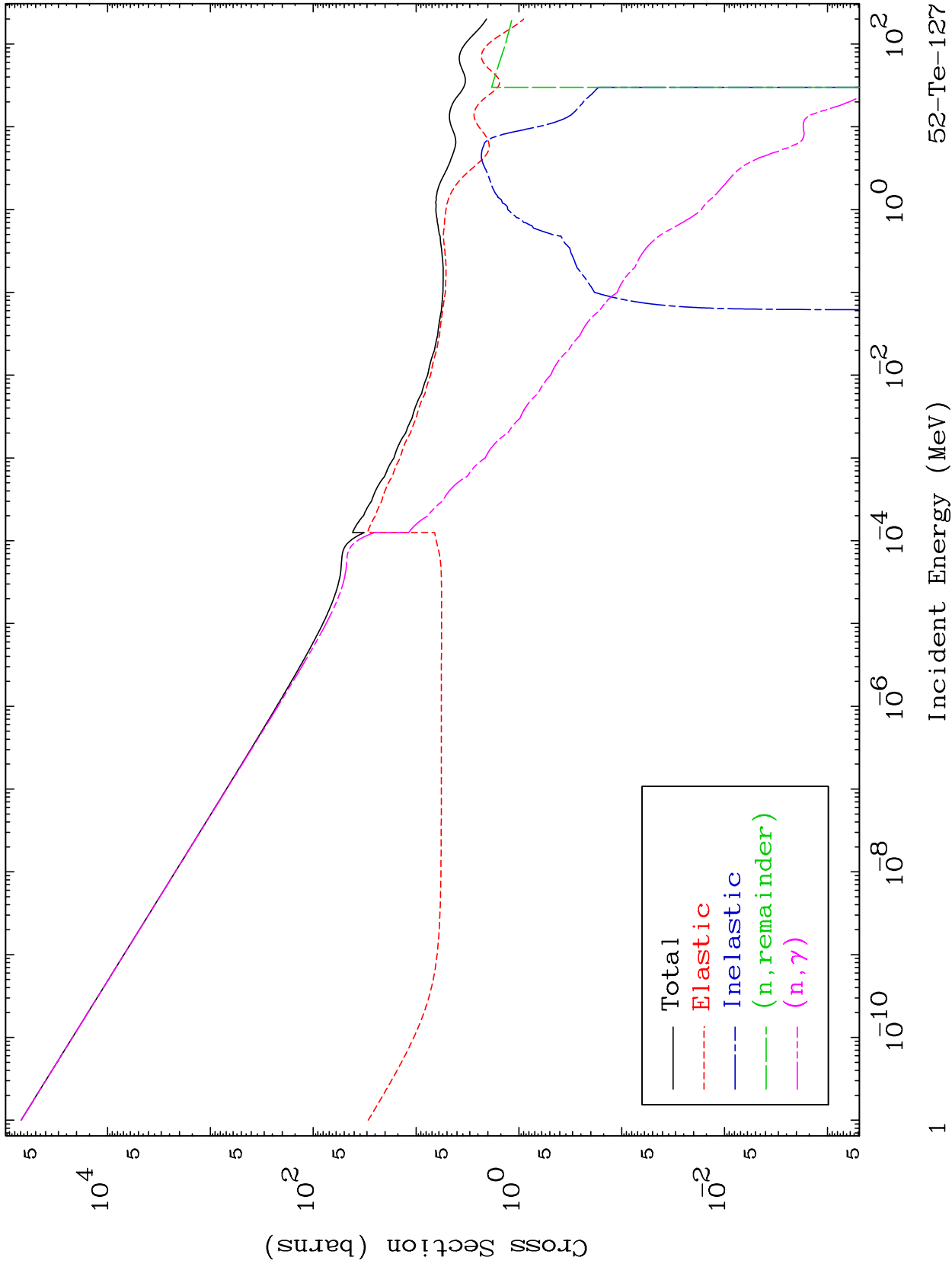
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Press Mouse Button to Start

MAT 5246

Major
293 Kelvin Cross Sections

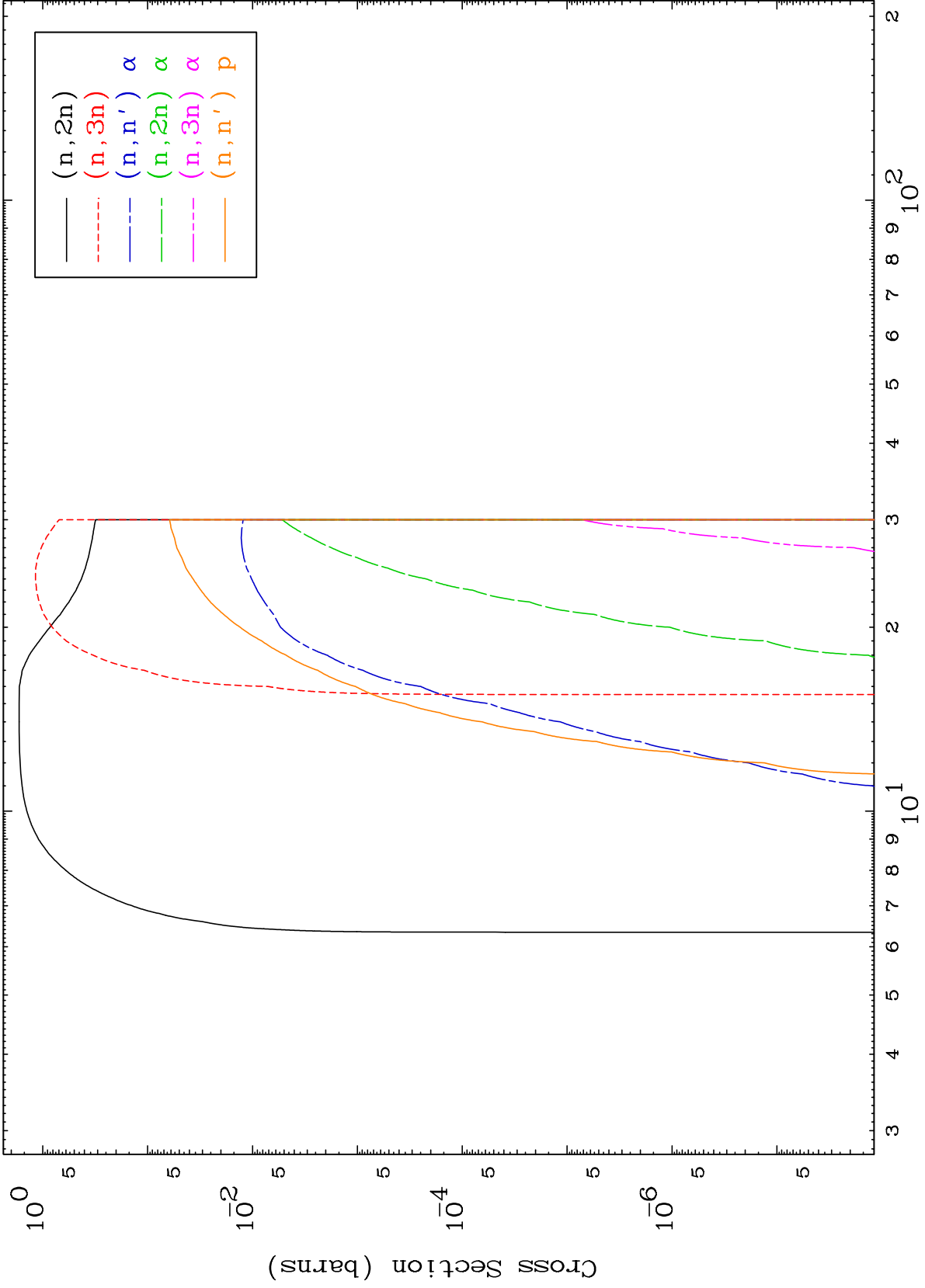
52-Te-127



MAT 5246

Neutron Production
293 Kelvin Cross Sections

52-Te-127



2

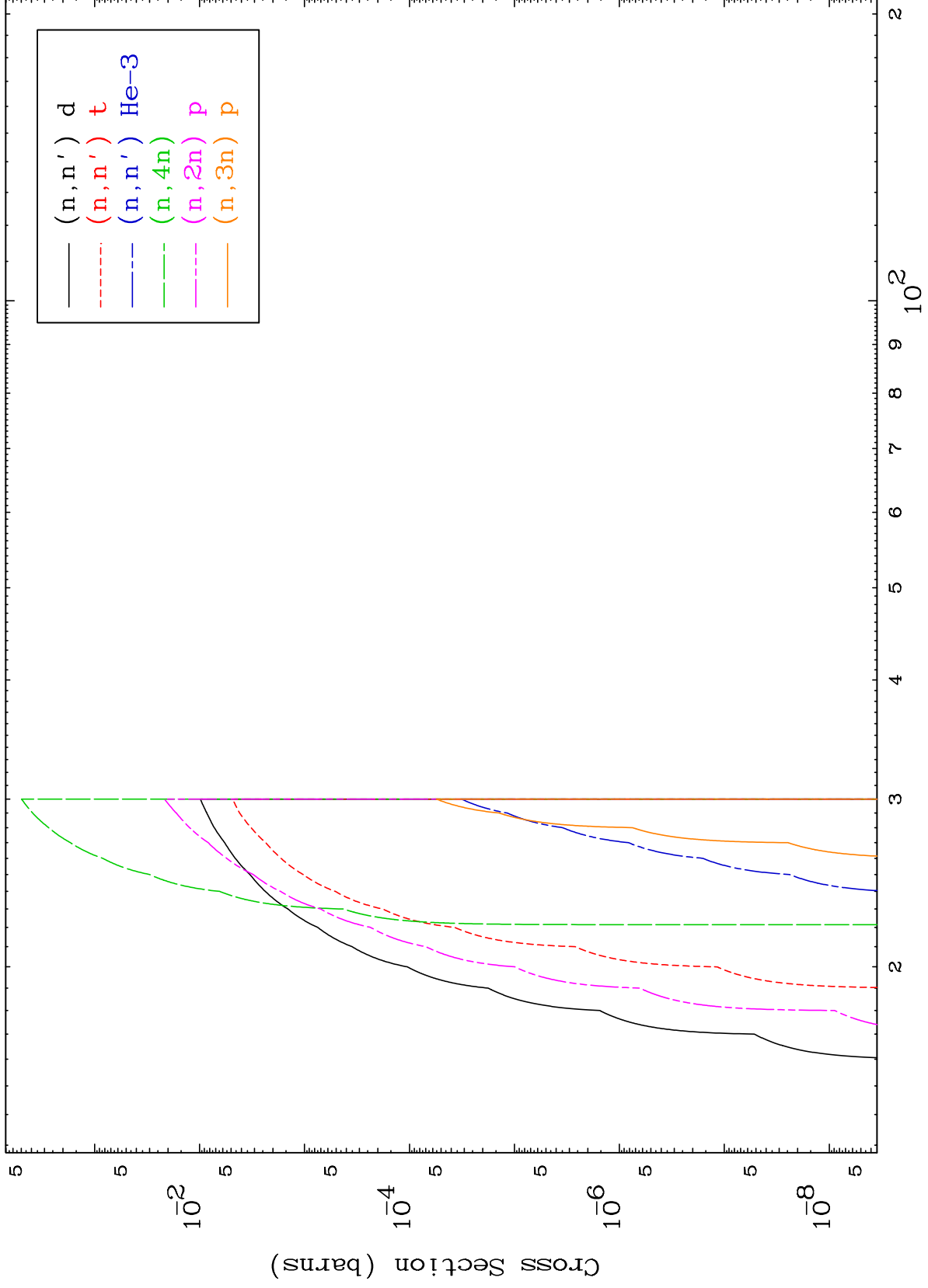
Incident Energy (MeV)

52-Te-127

MAT 5246

Neutron Production
293 Kelvin Cross Sections

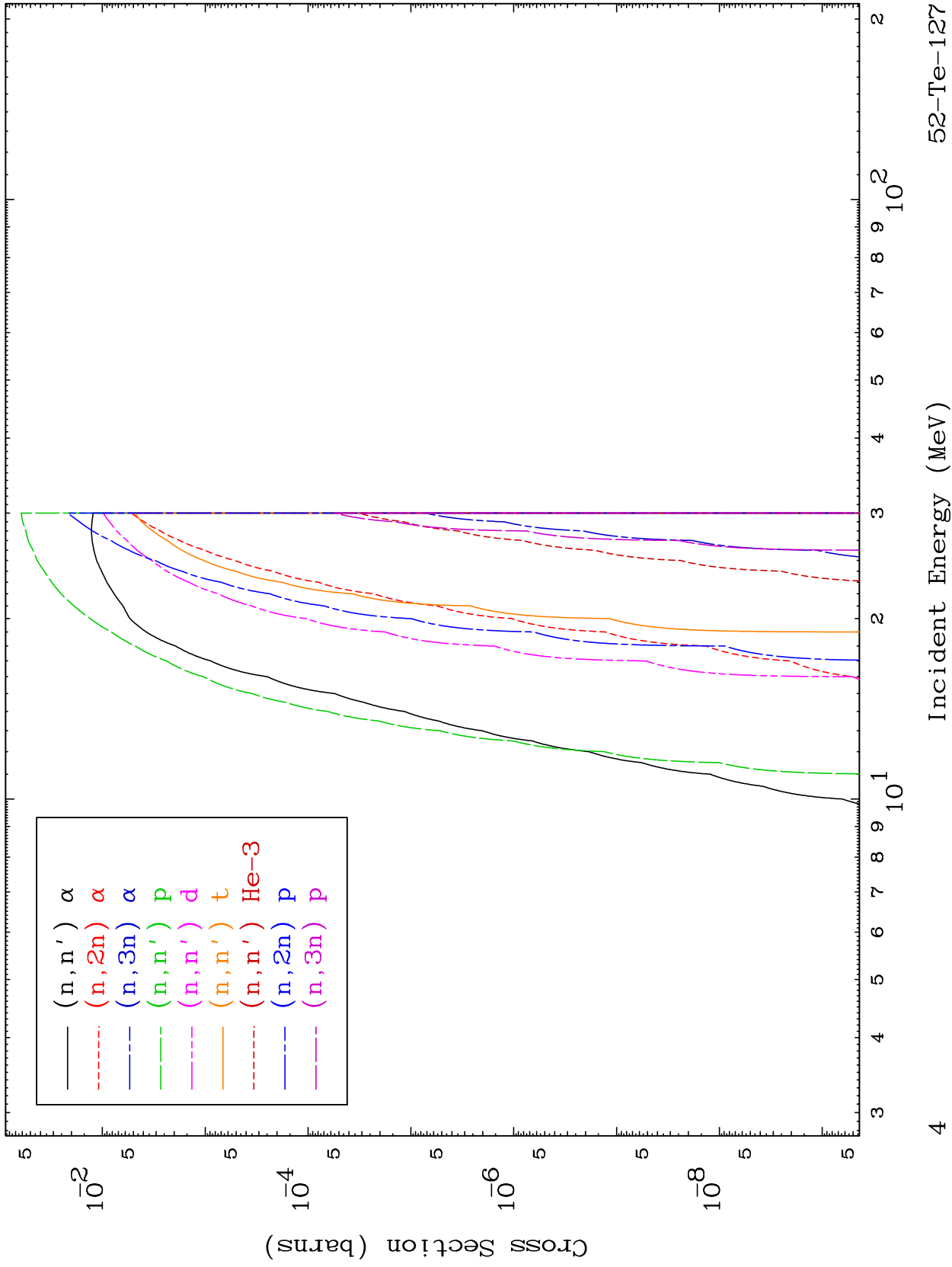
52-Te-127



3

Incident Energy (MeV)

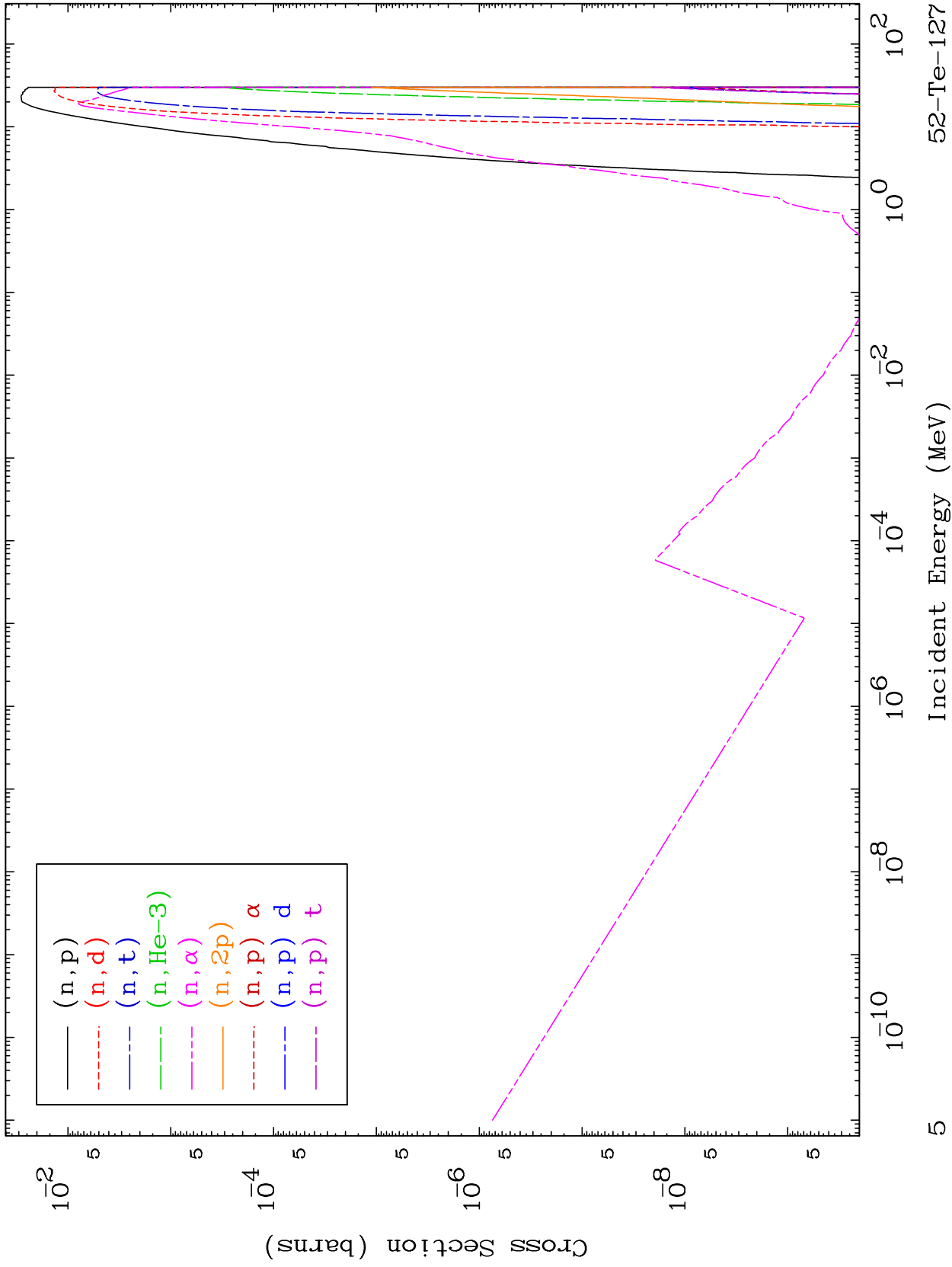
52-Te-127



MAT 5246

Charged Particle
293 Kelvin Cross Sections

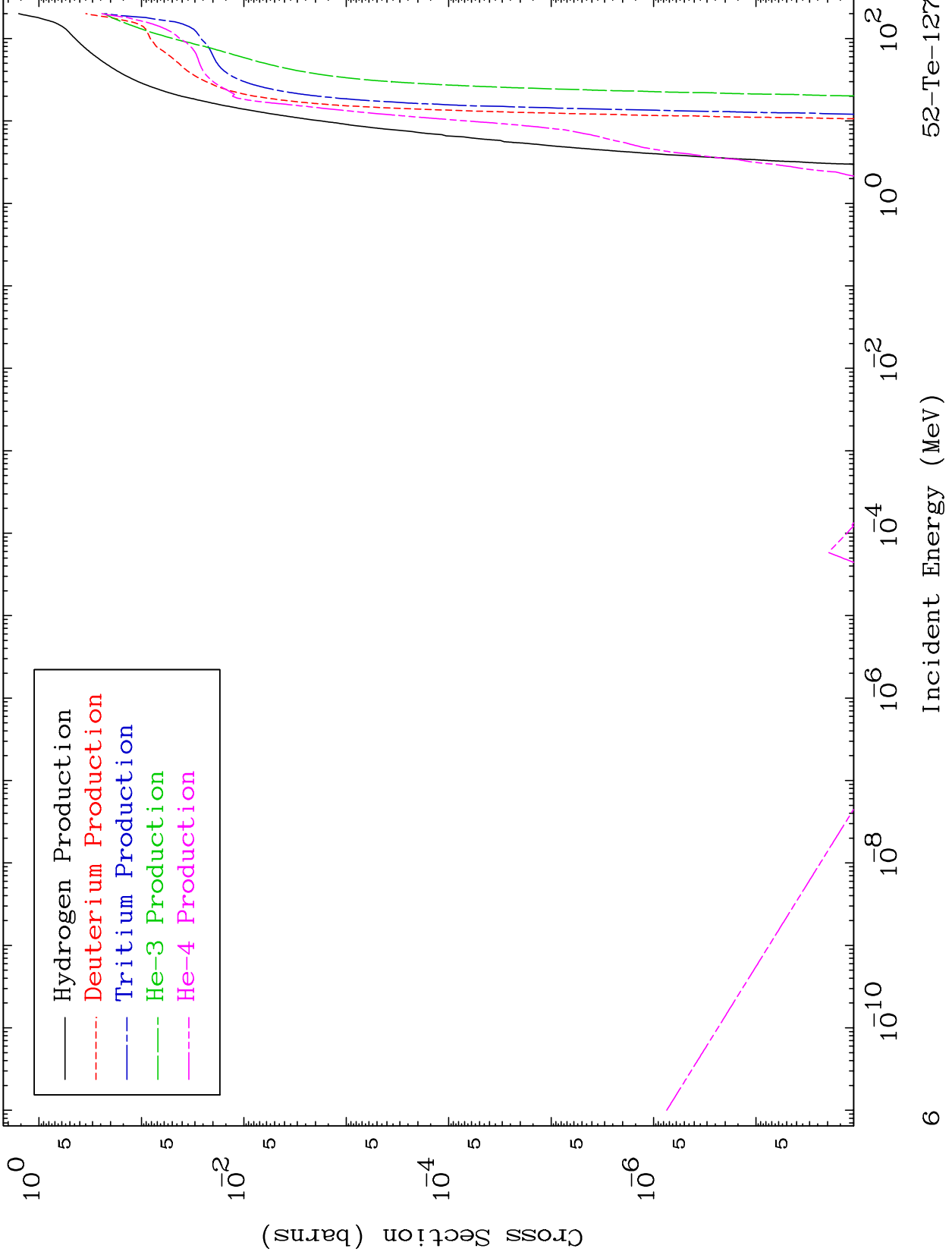
52-Te-127



MAT 5246

Particle Production
293 Kelvin Cross Sections

52-Te-127

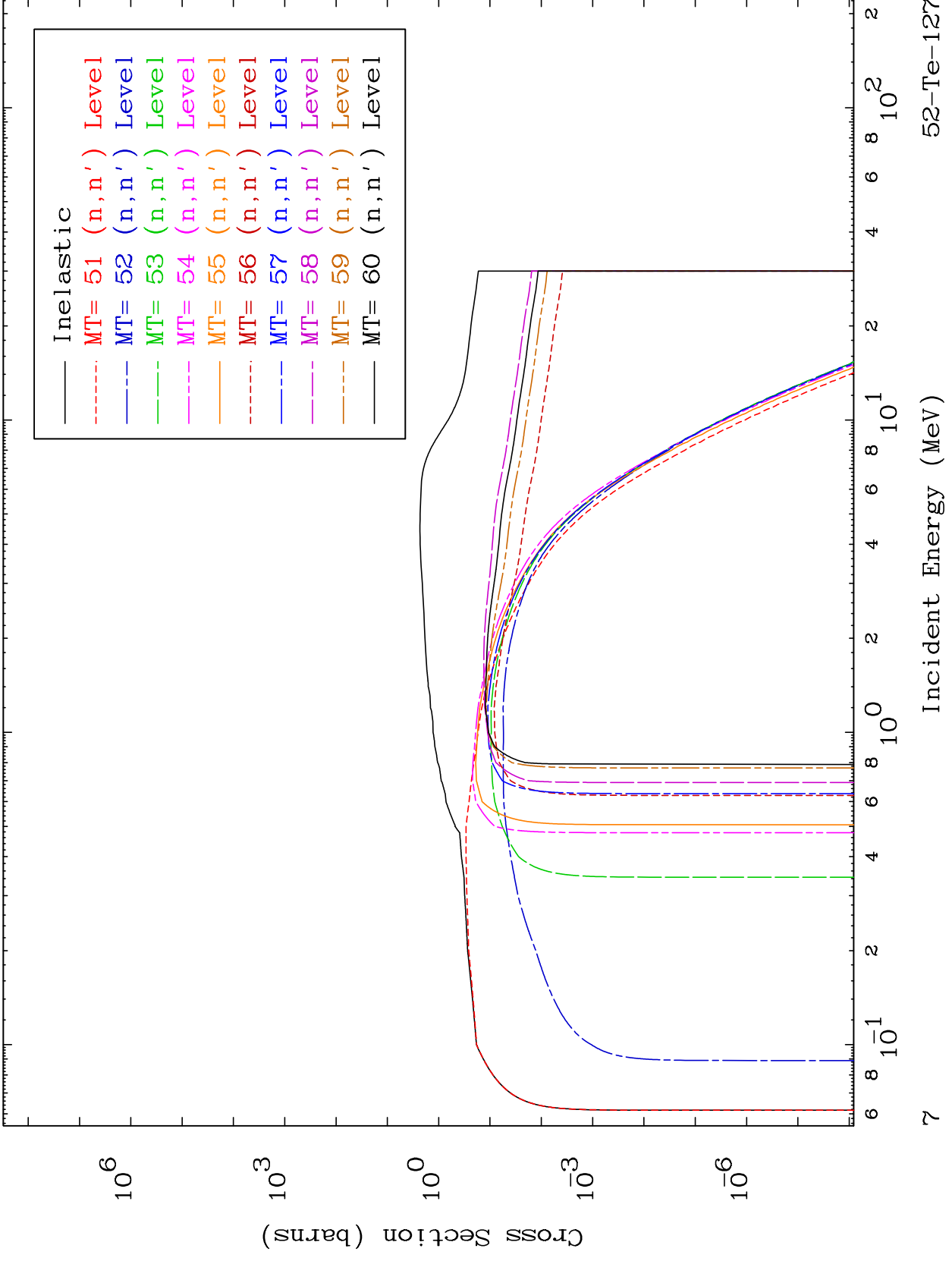


MAT 5246

(n,n') Level

52-Te-127

293 Kelvin Cross Sections

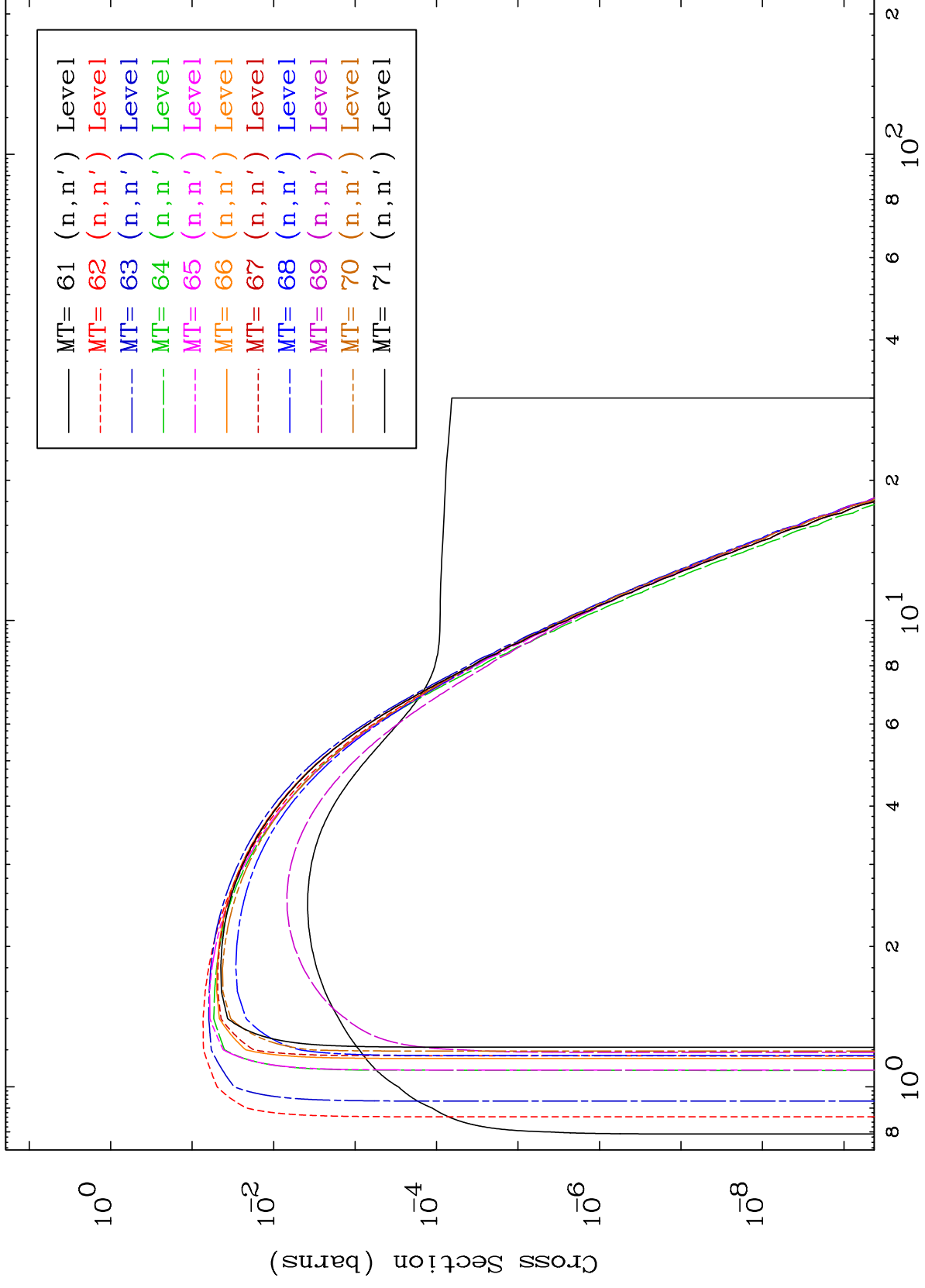


MAT 5246

(n,n') Level

293 Kelvin Cross Sections

52-Te-127

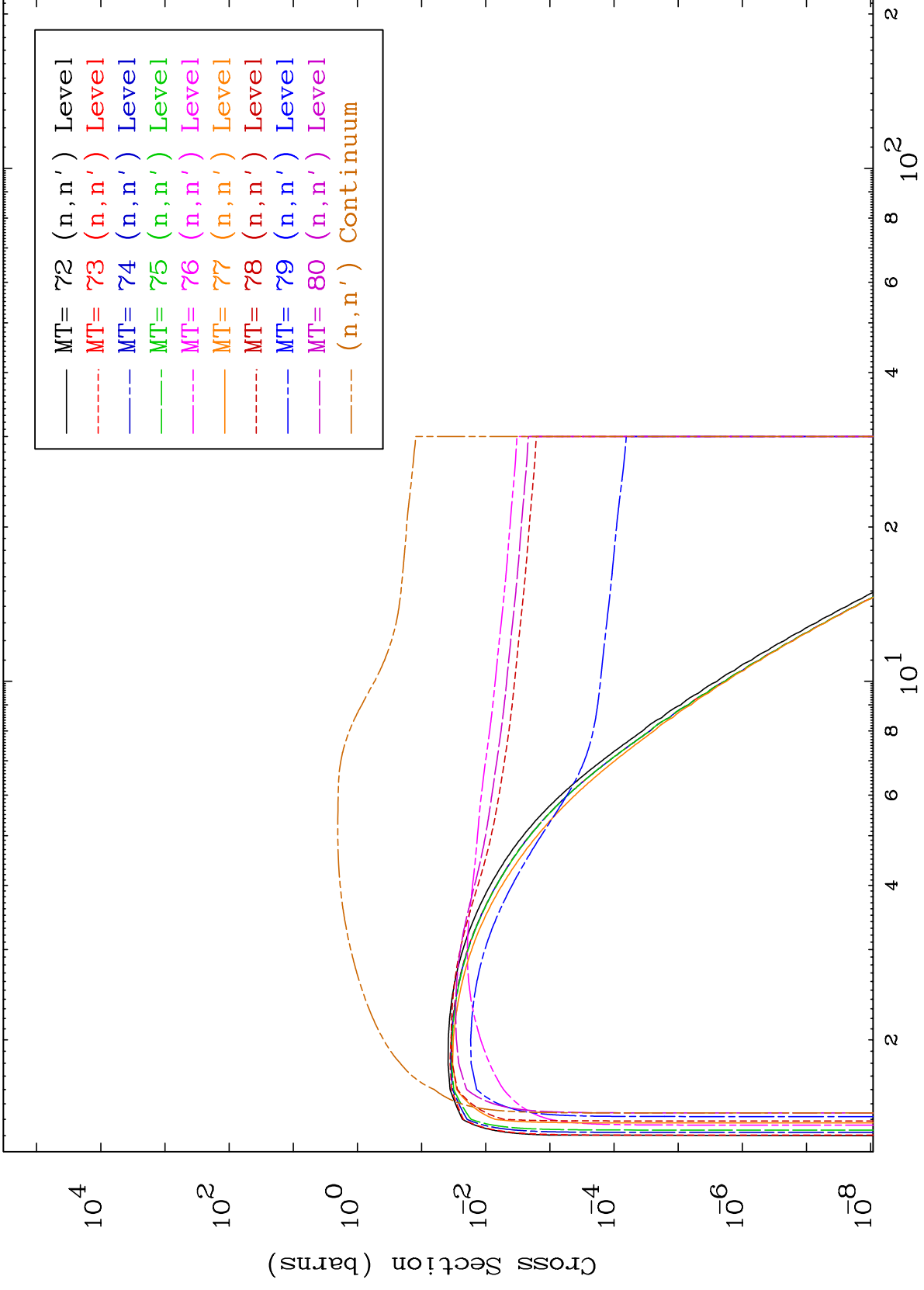


Incident Energy (MeV)

52-Te-127

8

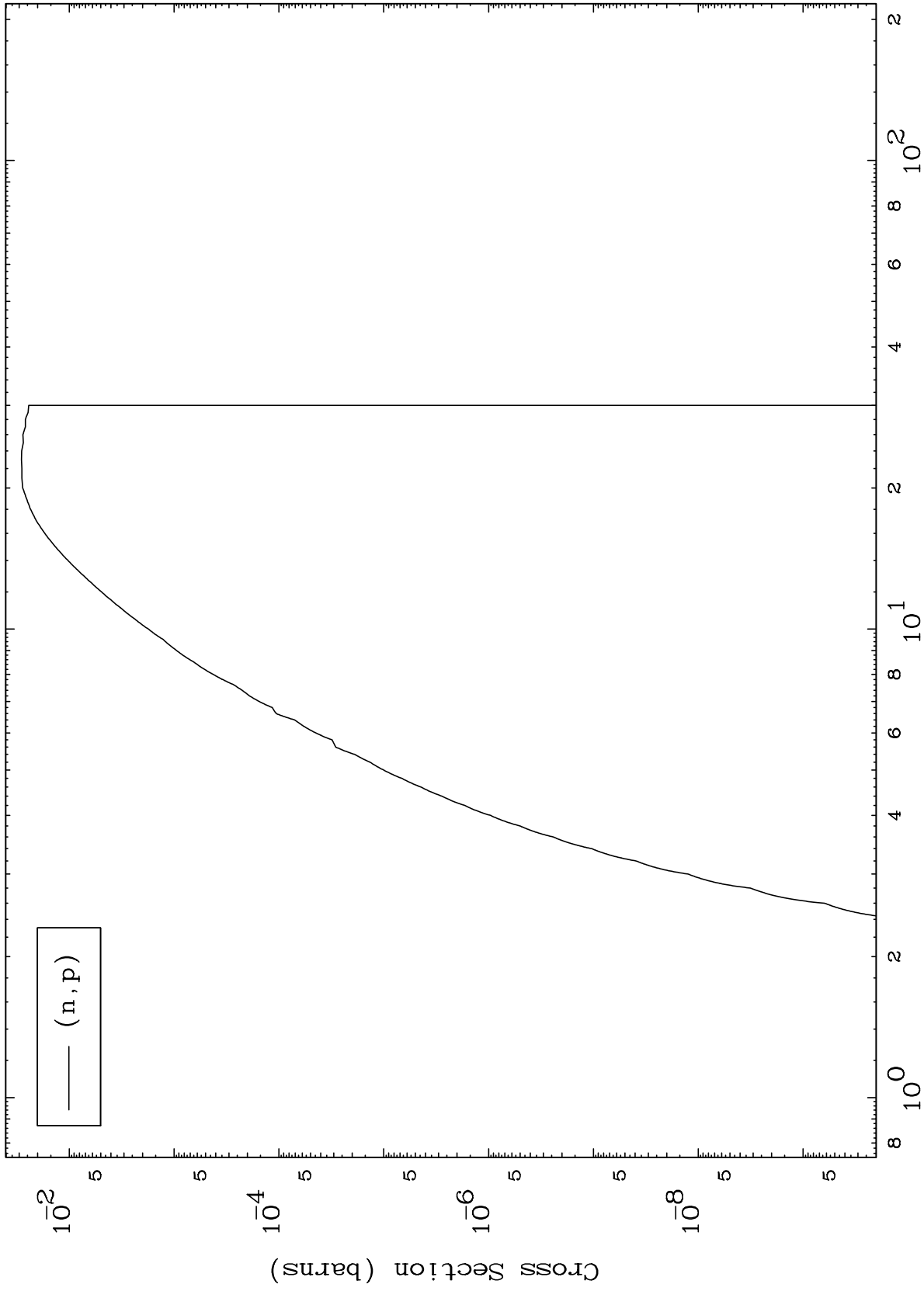
293 Kelvin Cross Sections



MAT 5246

(n,p) Levels
293 Kelvin Cross Sections

52-Te-127



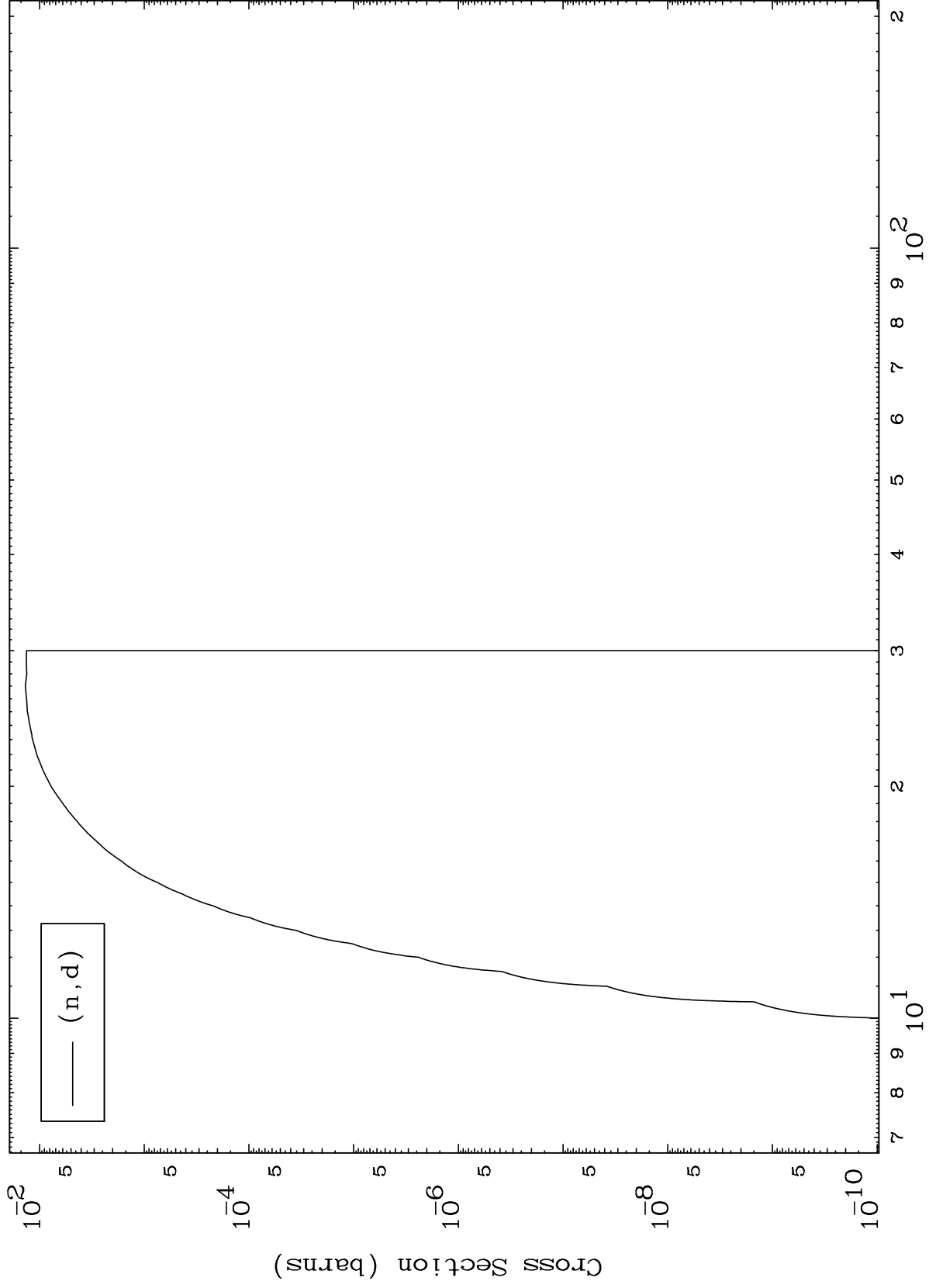
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,d) Levels
293 Kelvin Cross Sections

52-Te-127



11

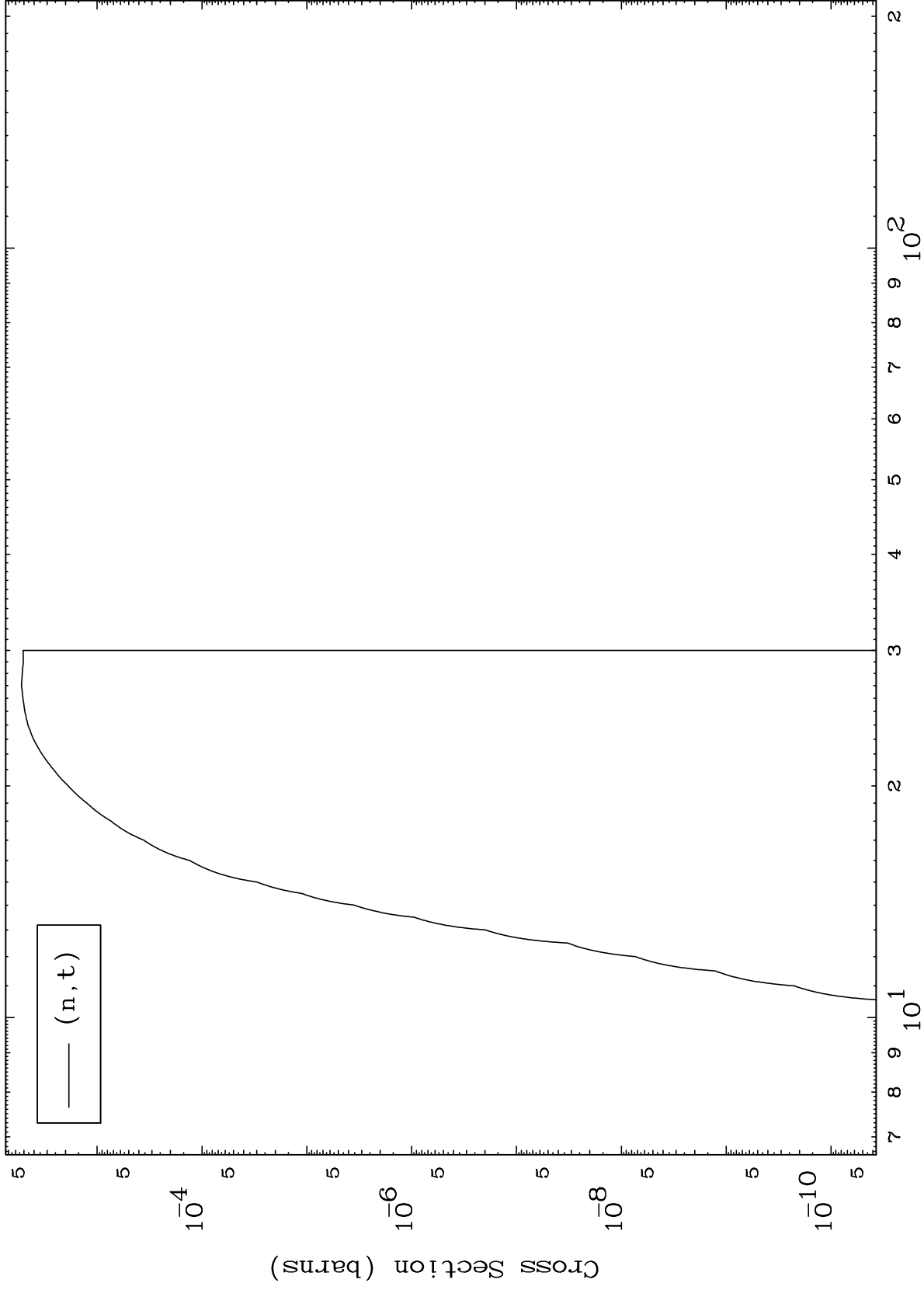
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,t) Levels
293 Kelvin Cross Sections

52-Te-127



12

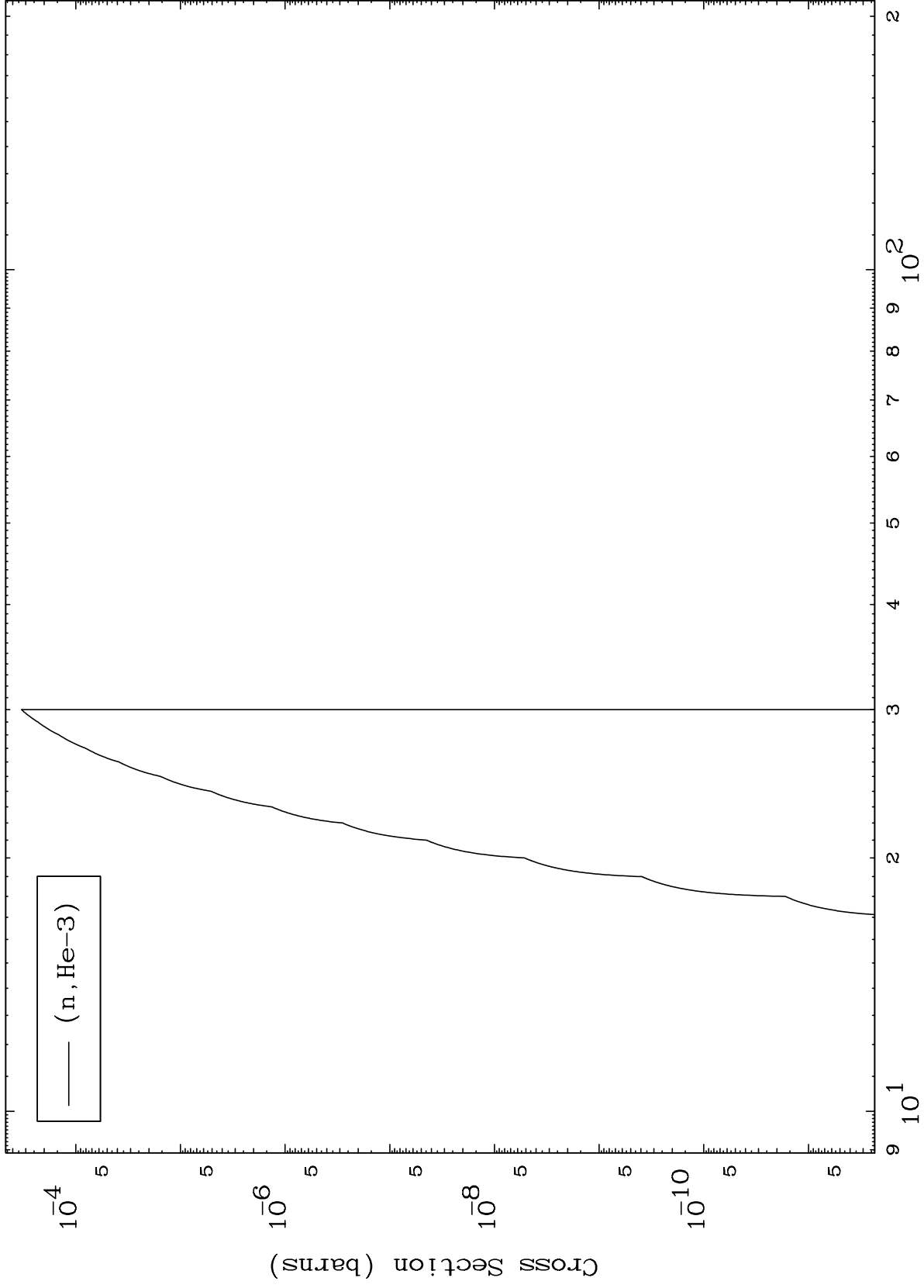
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,He3) Levels
293 Kelvin Cross Sections

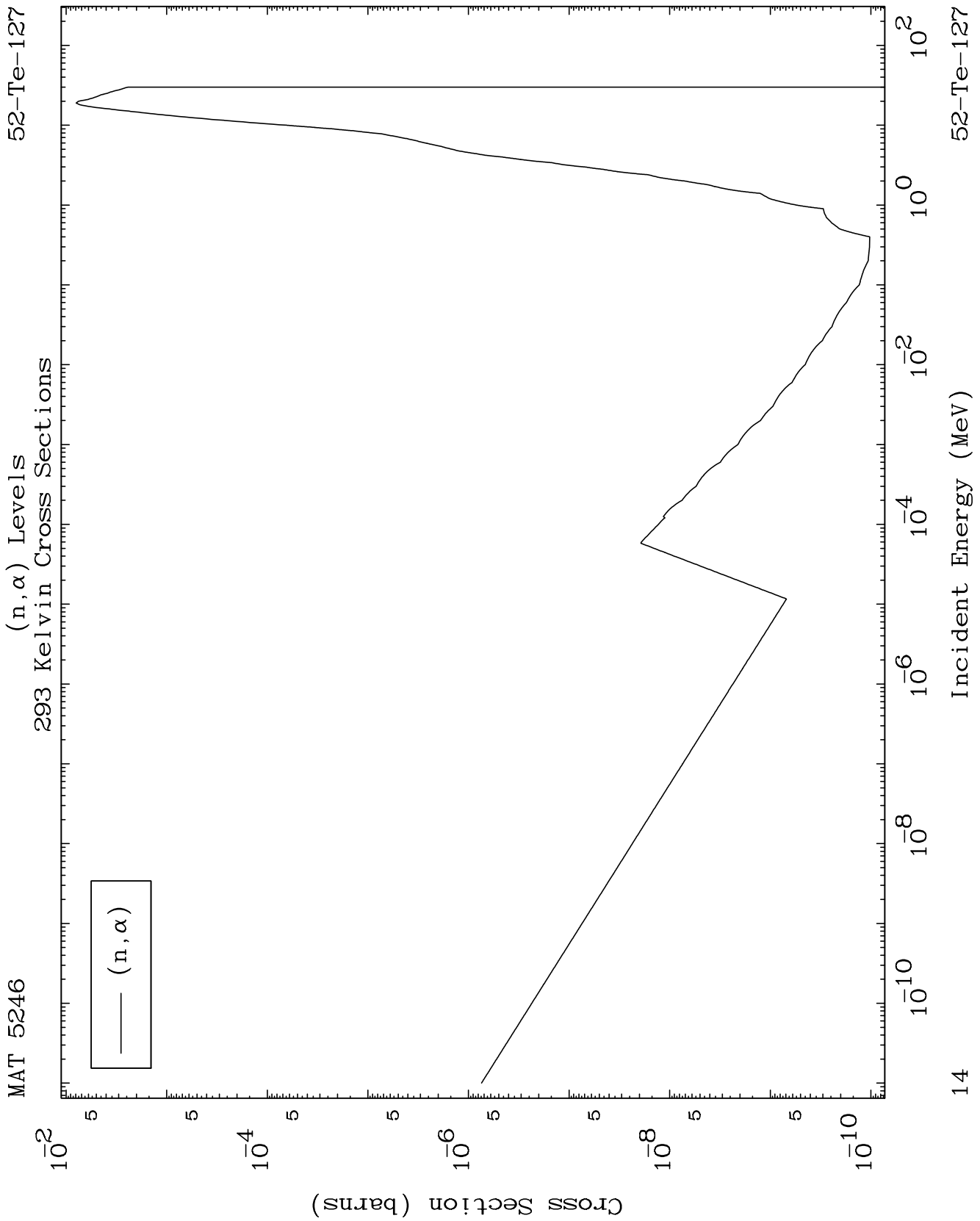
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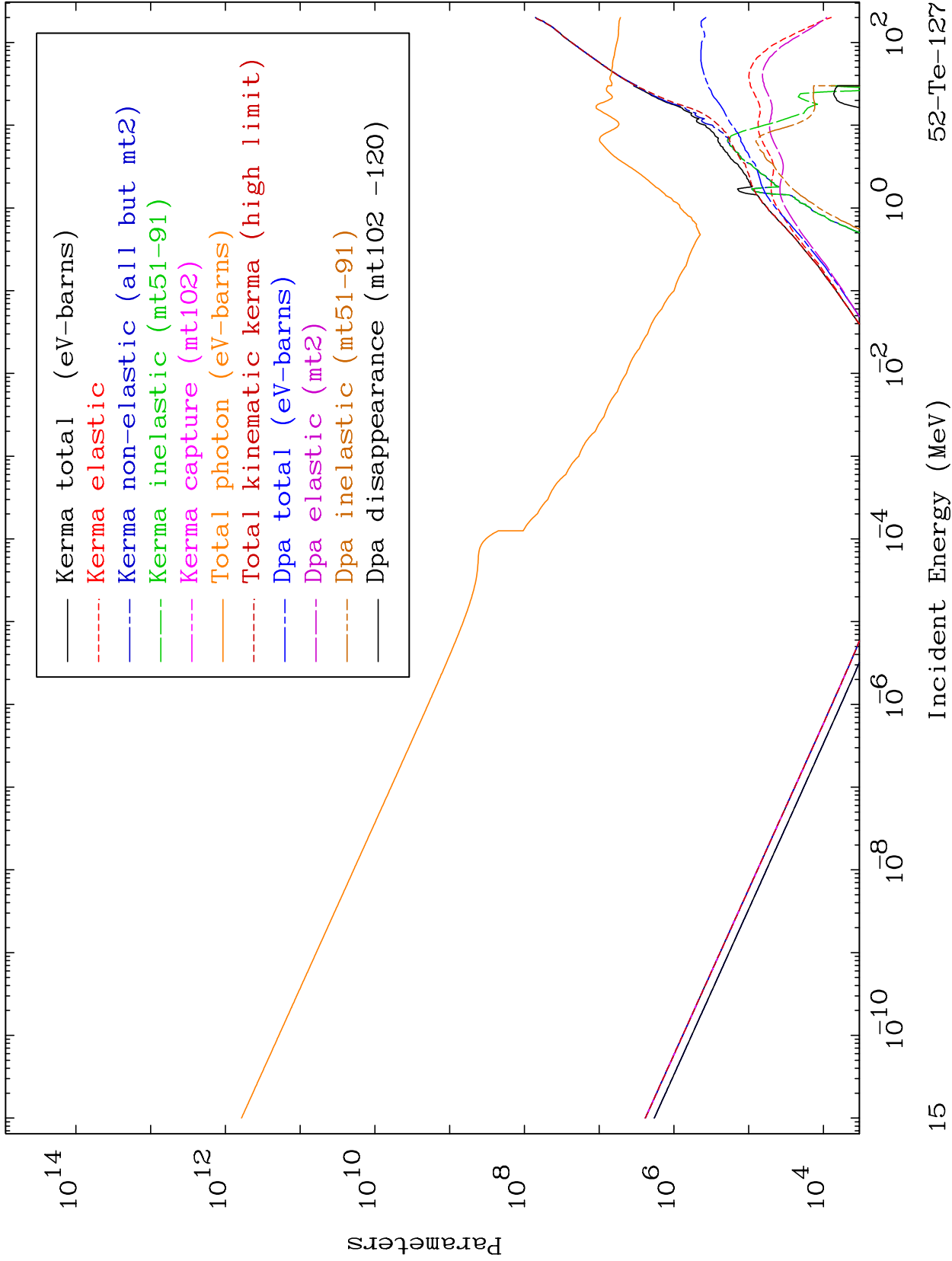


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Incident Energy (MeV)

52-Te-127

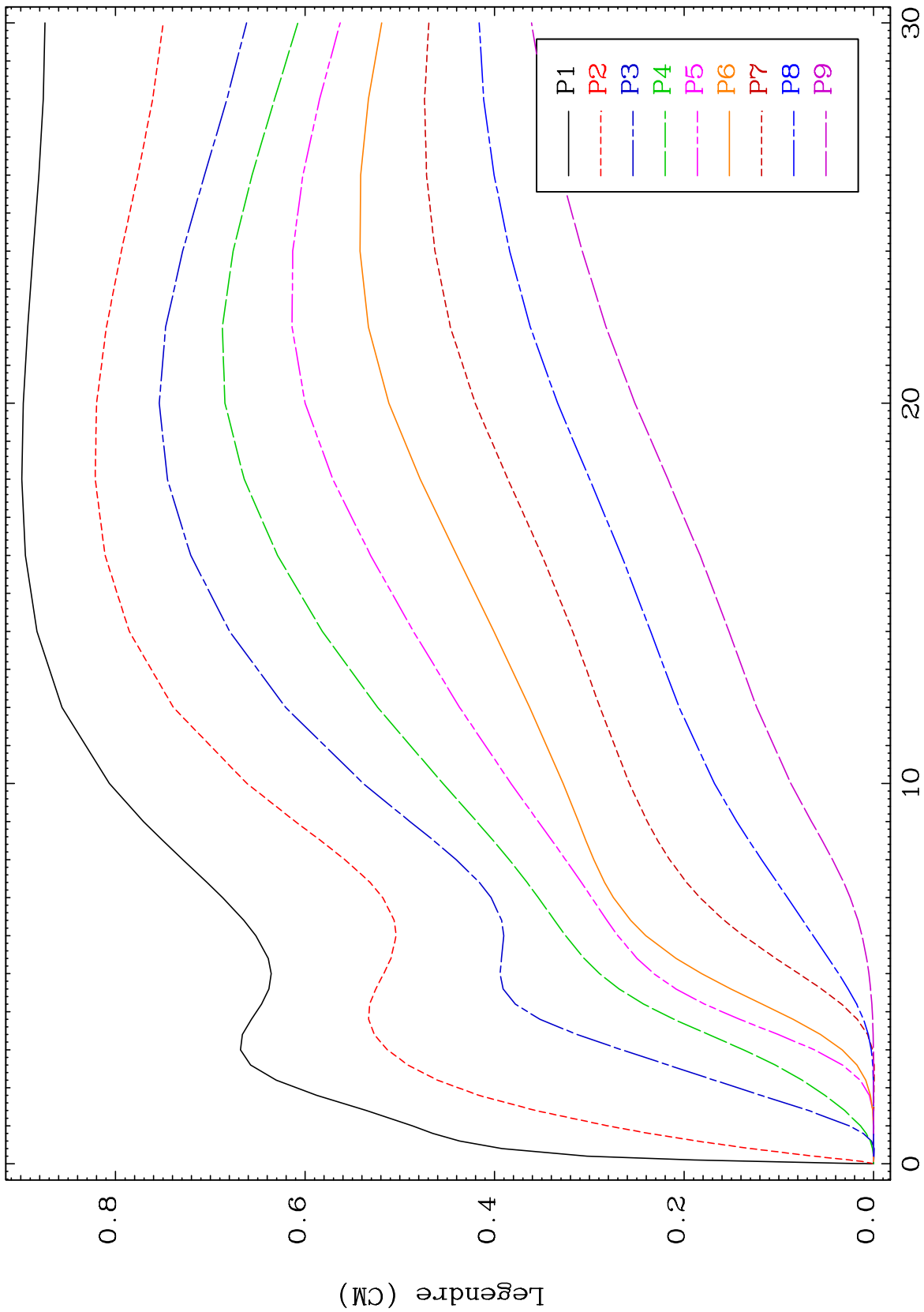




MAT 5246

52-Te-127

Elastic Legendre Coefficients



52-Te-127

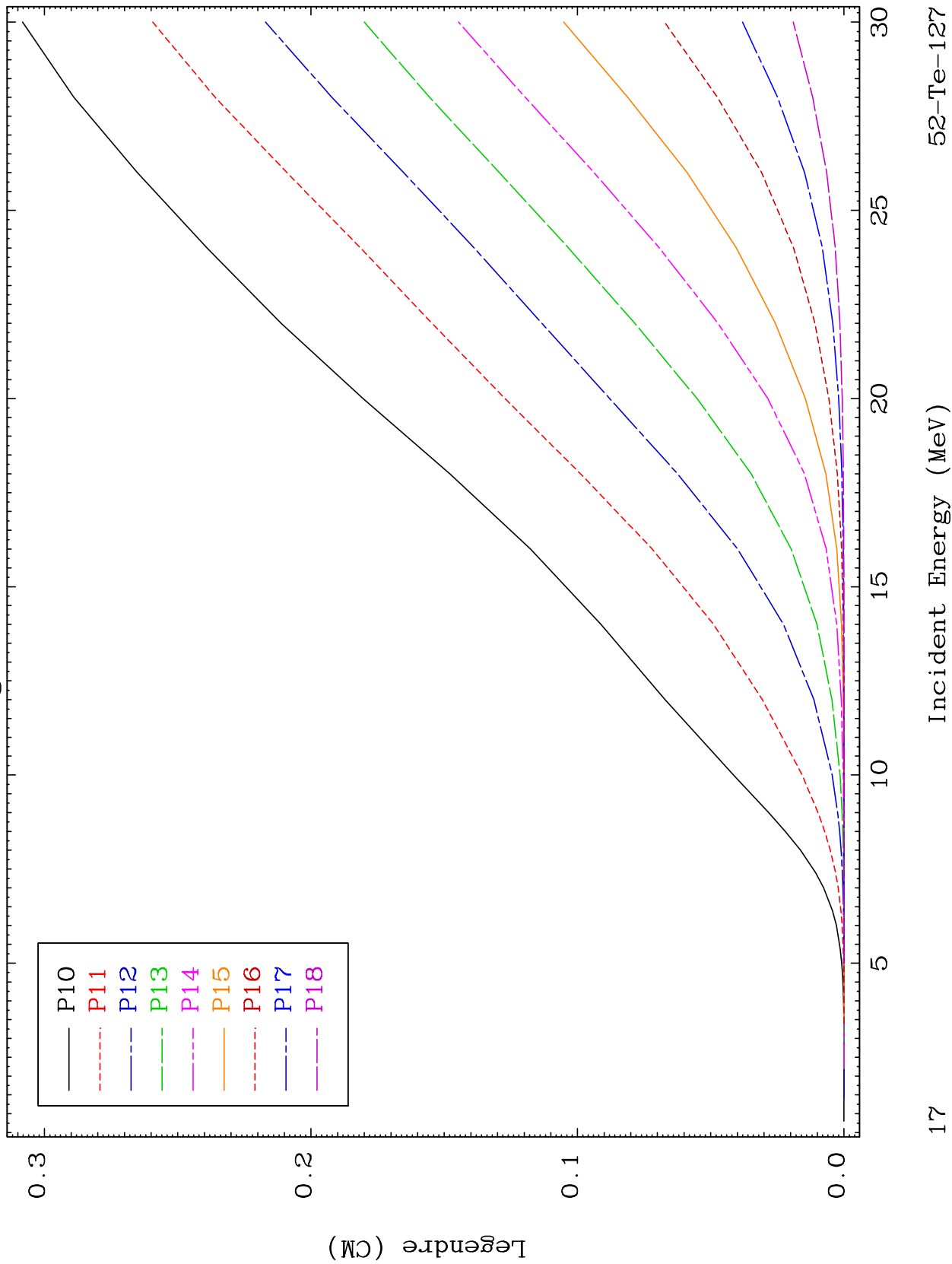
Incident Energy (MeV)

16

MAT 5246

Elastic Legendre Coefficients

52-Te-127

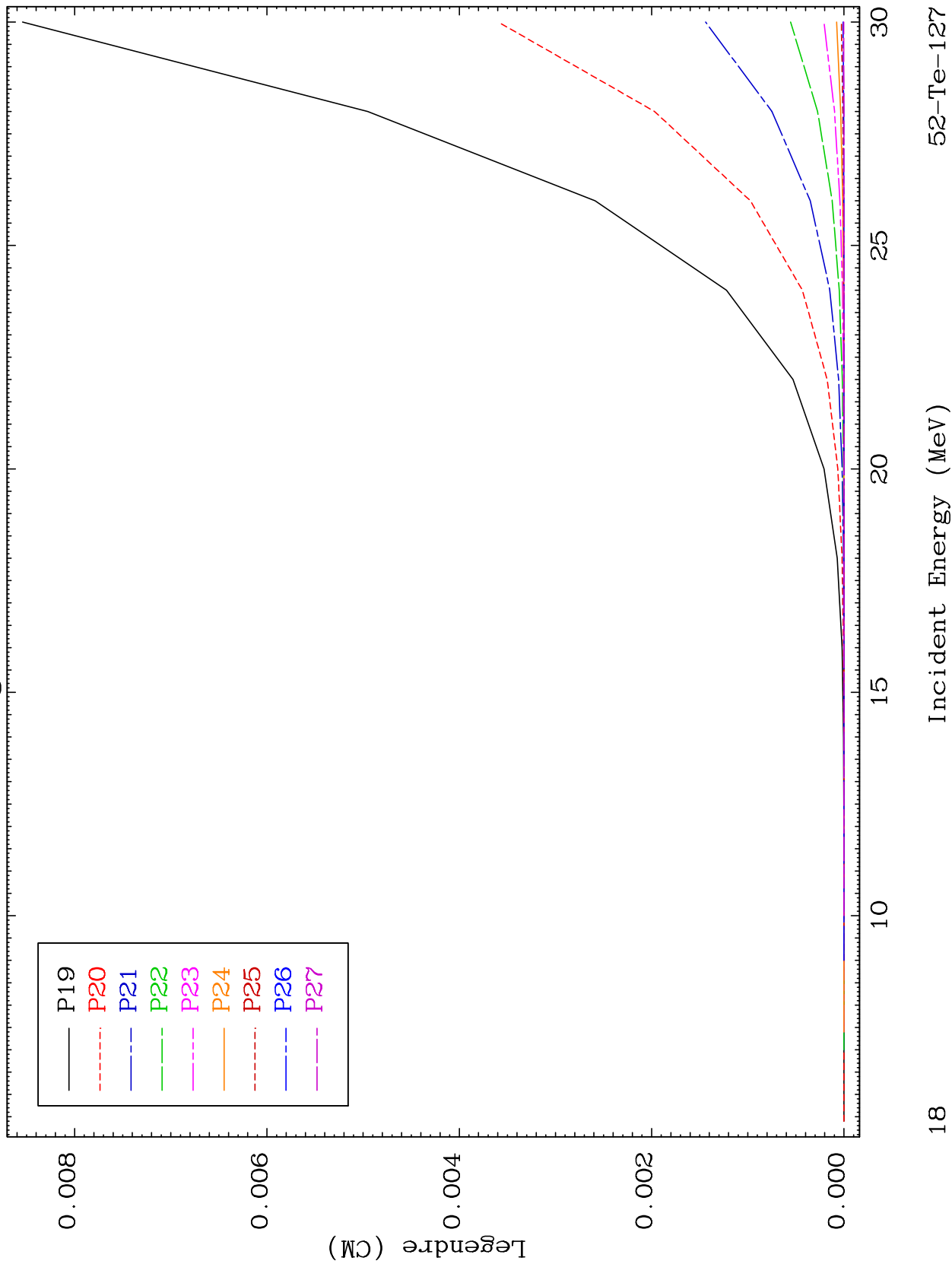


17

MAT 5246

Elastic Legendre Coefficients

52-Te-127



18

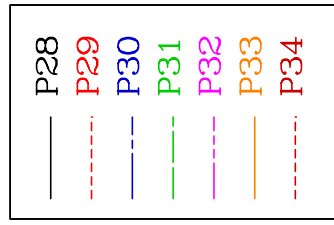
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

52-Te-127



$\times 10^{-7}$

Legendre (CM)

10

15

20

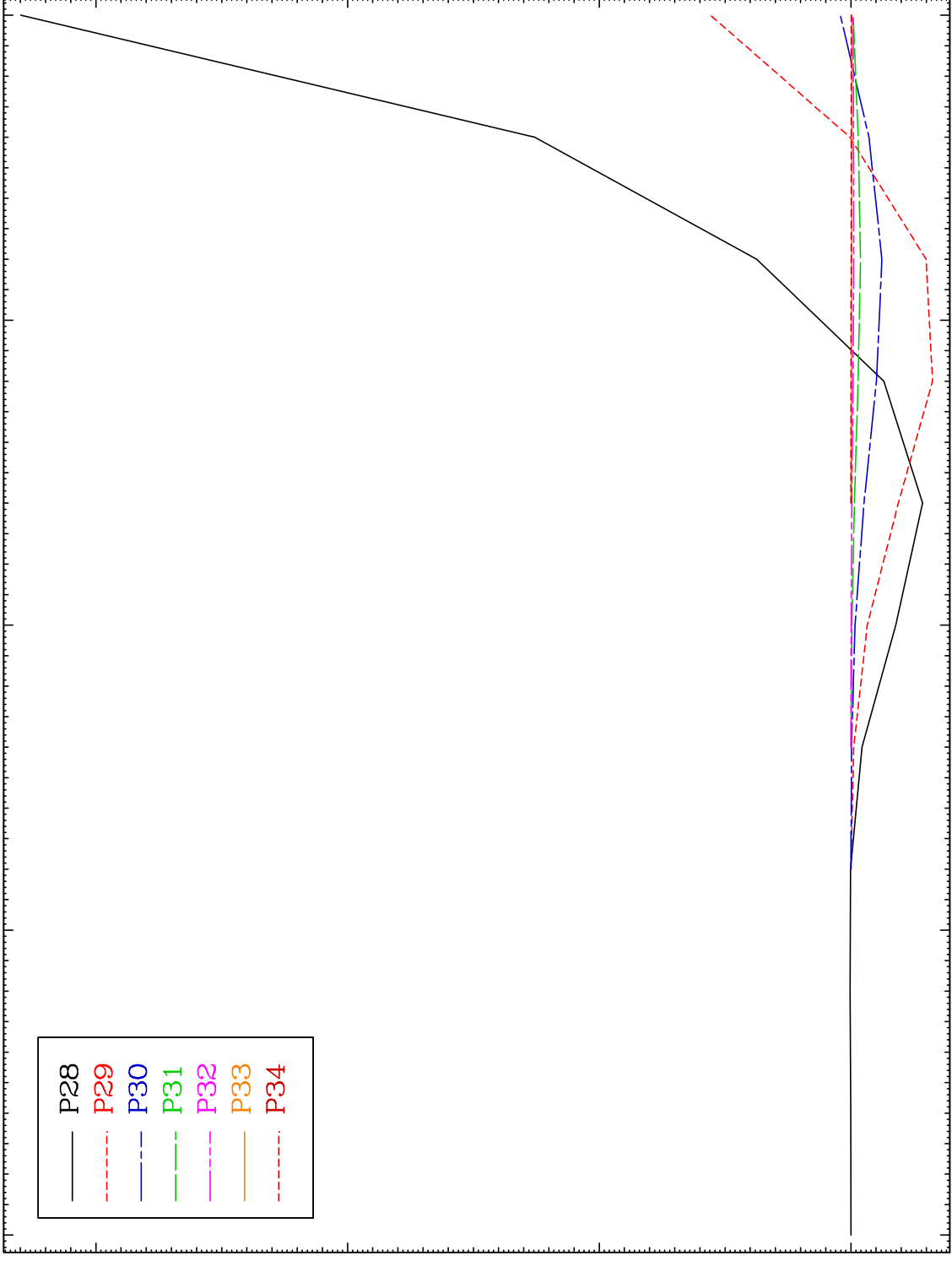
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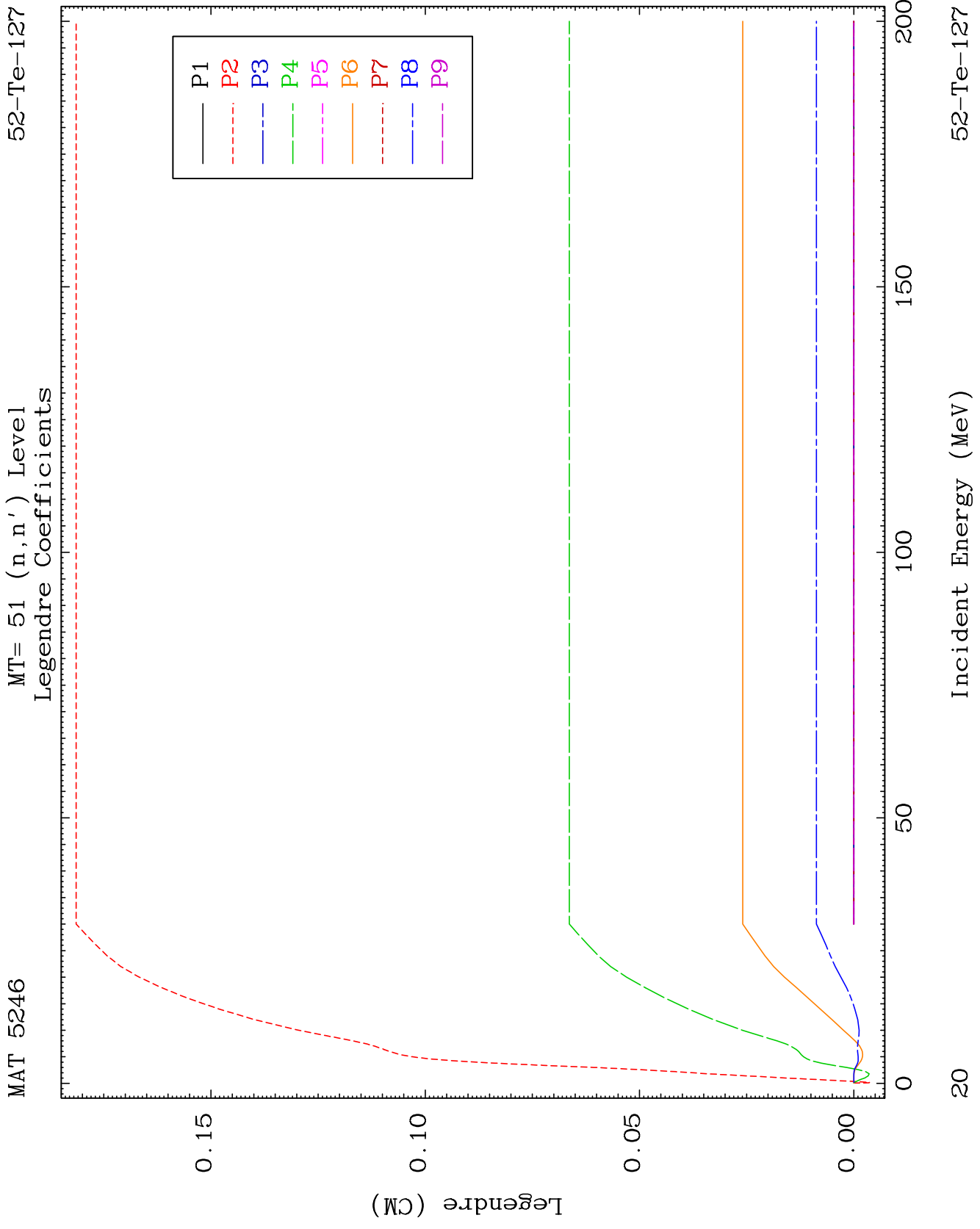
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19

Incident Energy (MeV)

52-Te-127

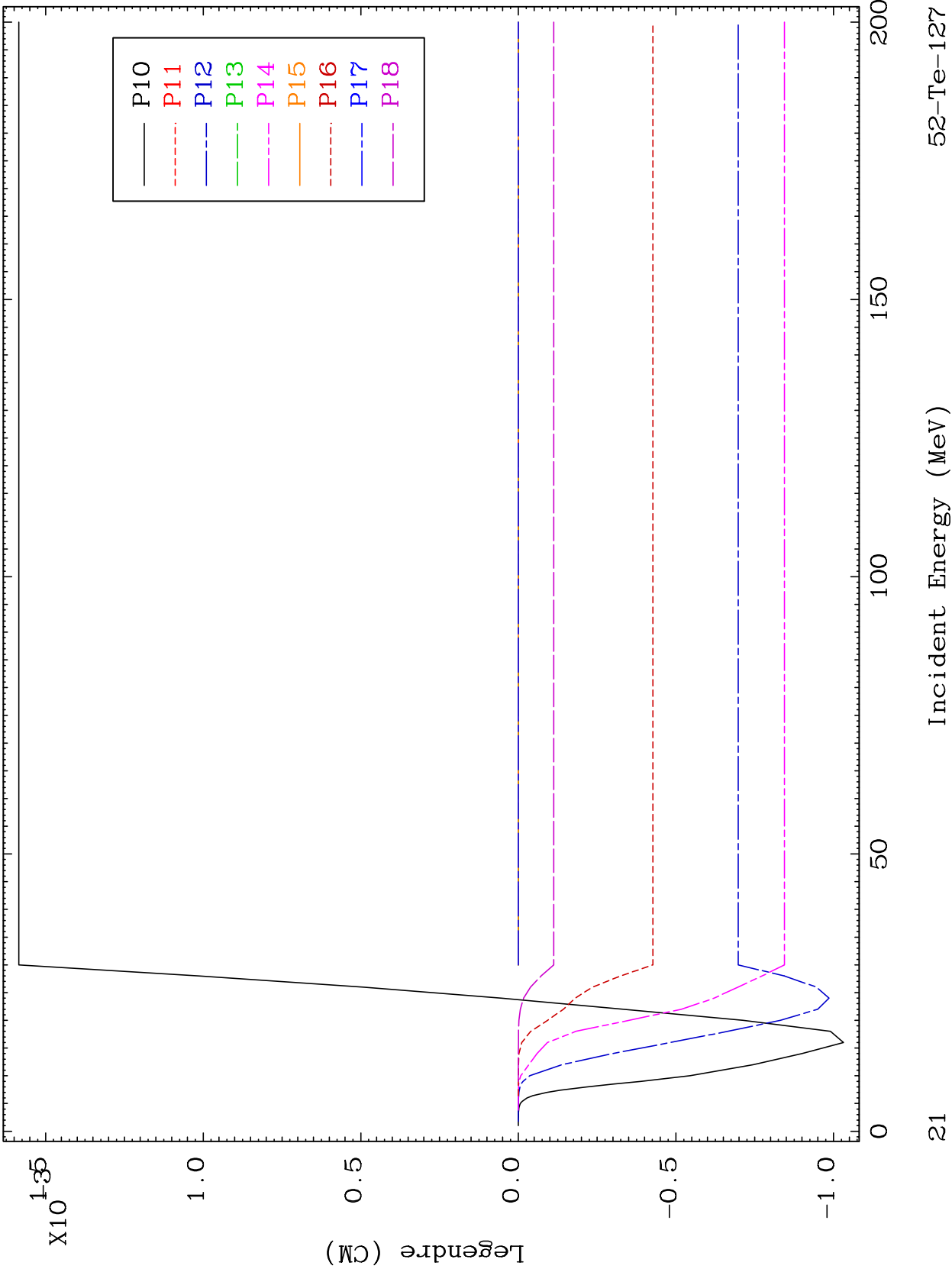




MAT 5246

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

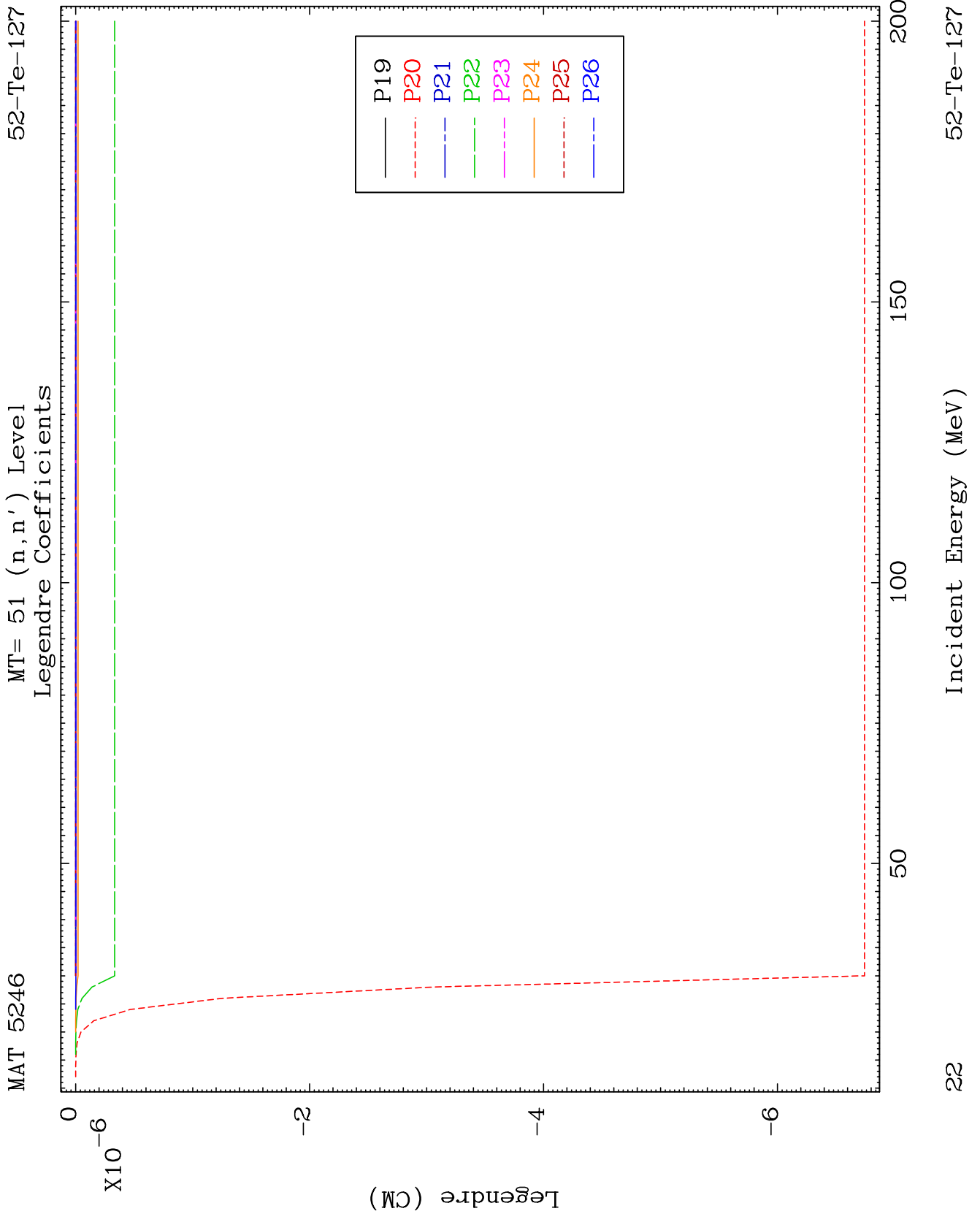
52-Te-127



21

Incident Energy (MeV)

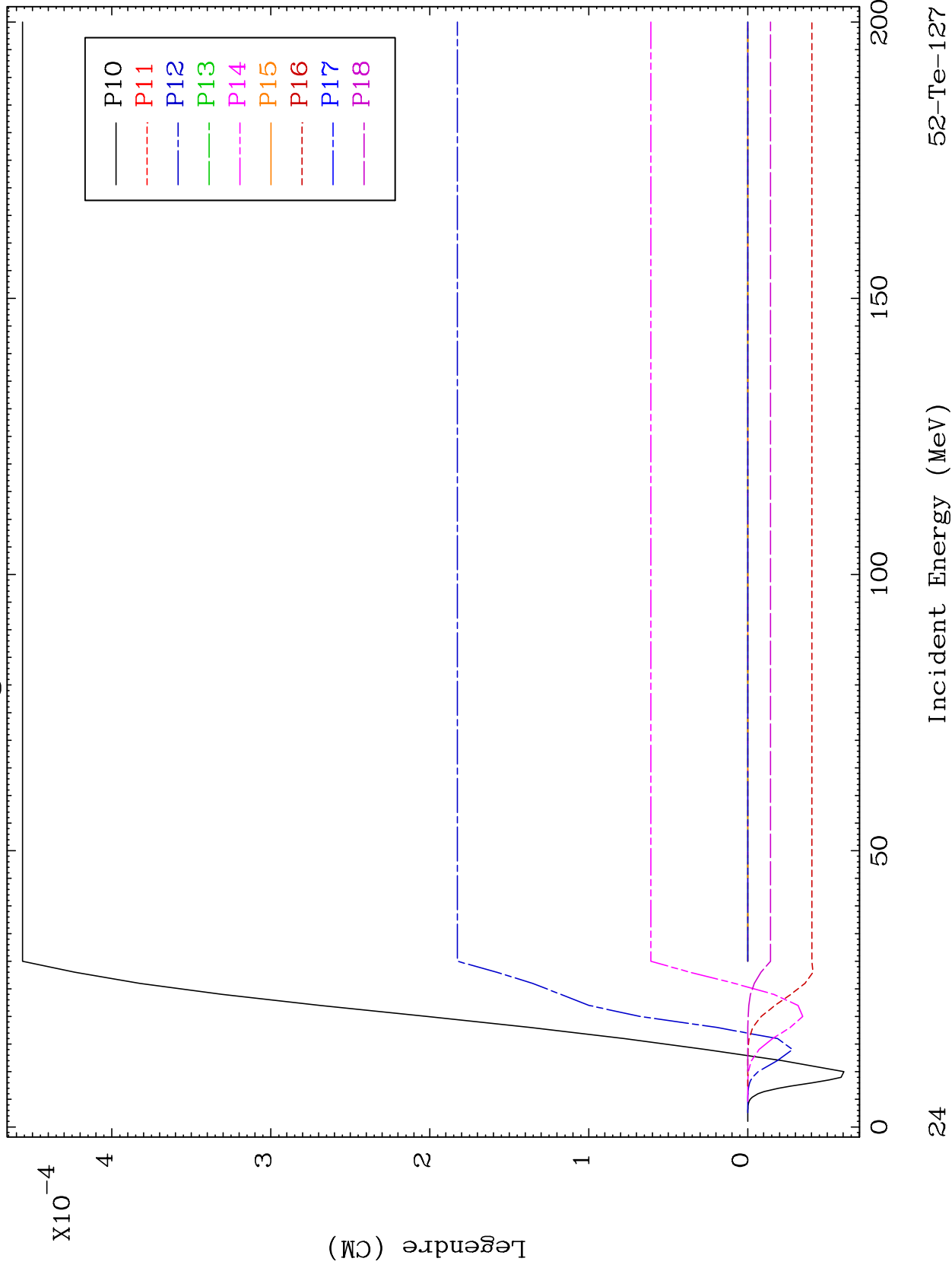
52-Te-127



MAT 5246

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

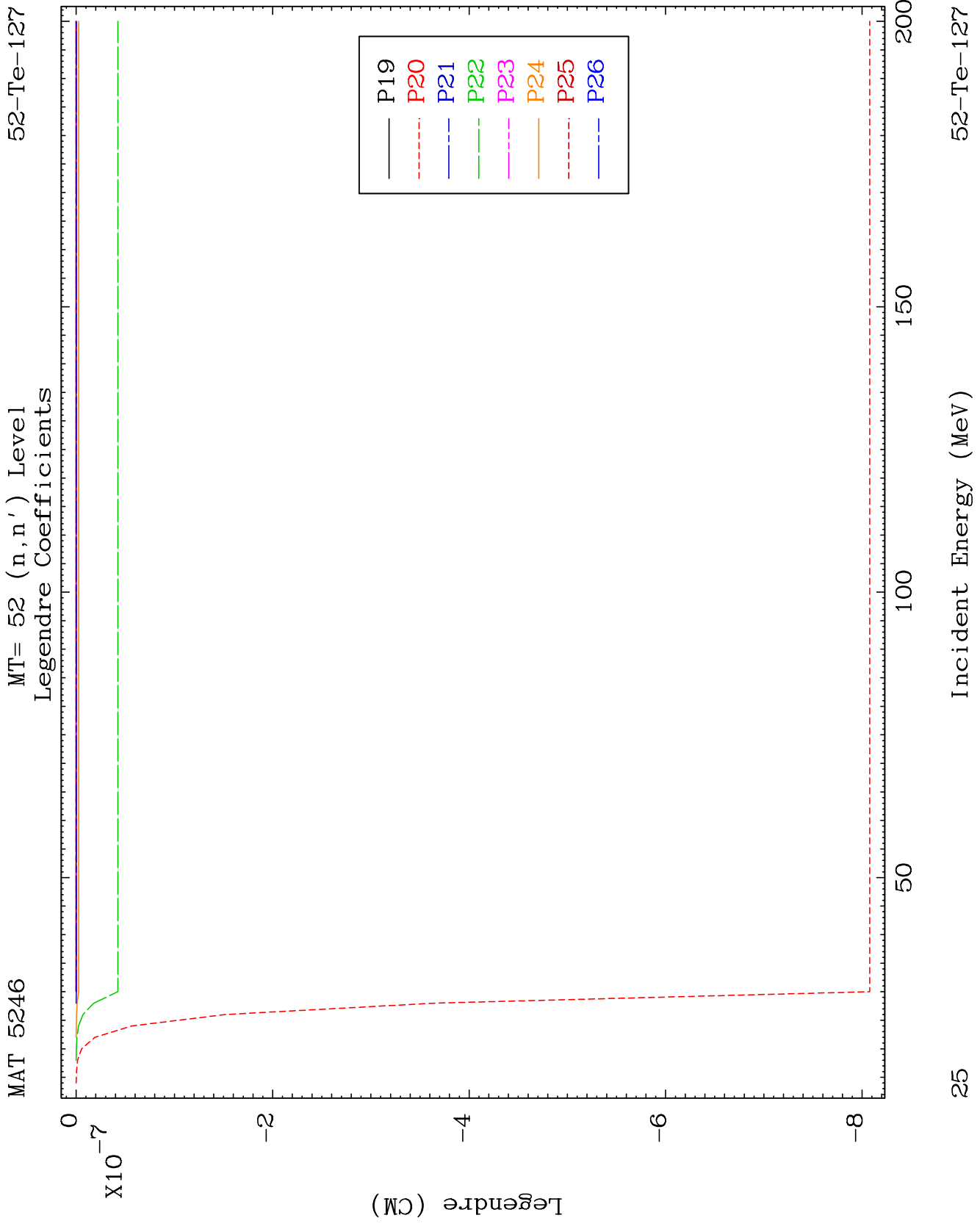
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24

Incident Energy (MeV)

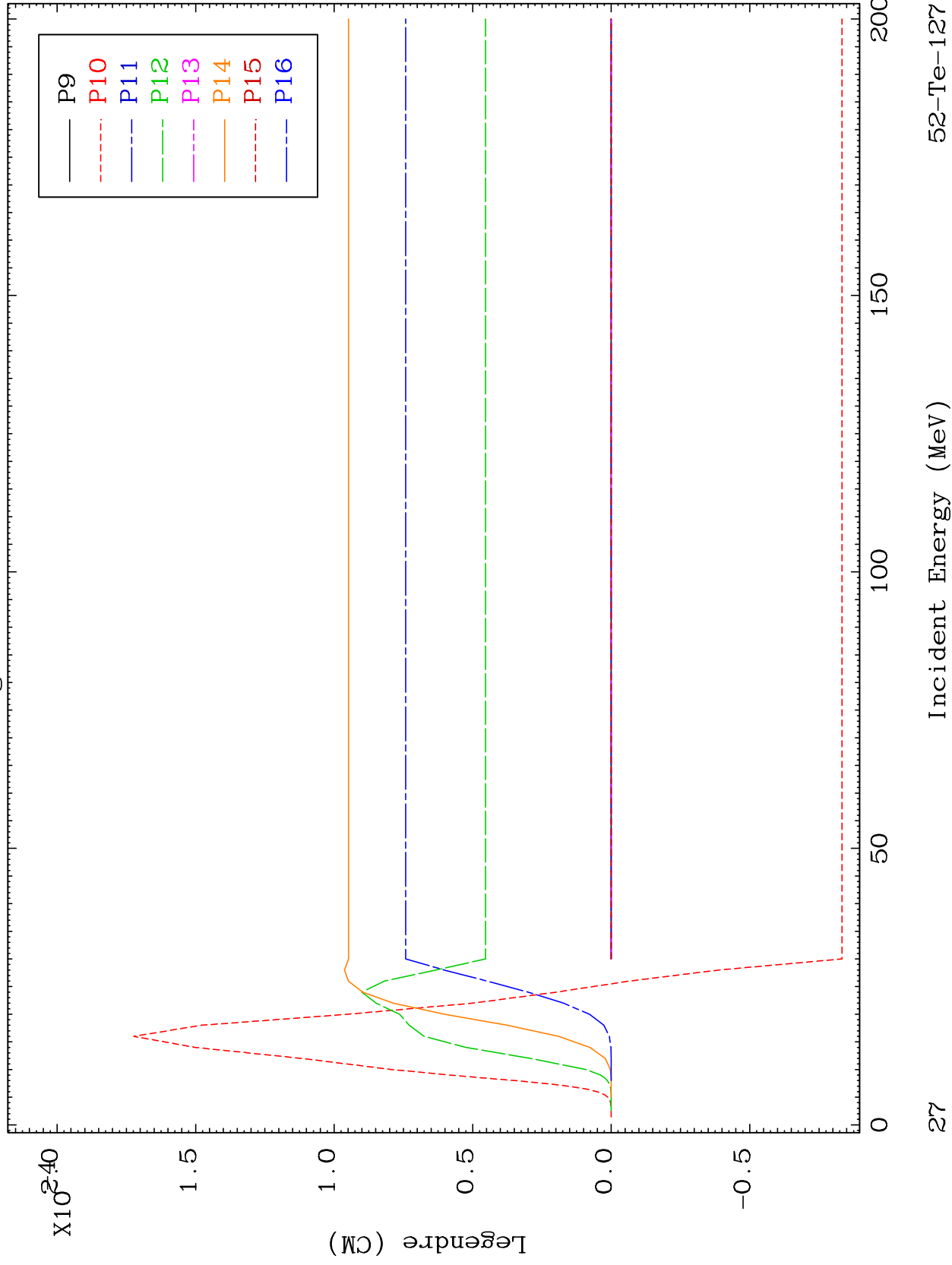
52-Te-127



MAT 5246

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

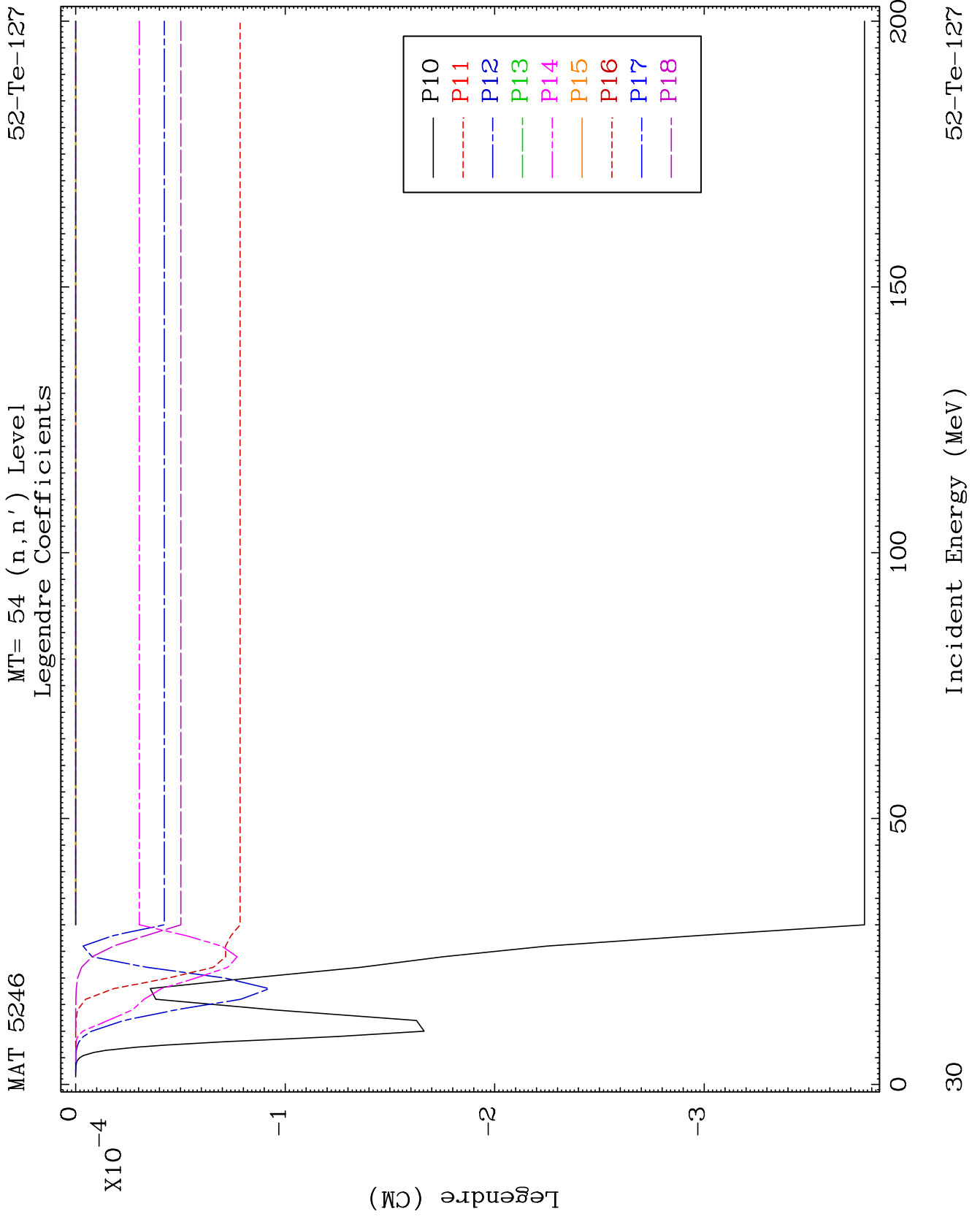
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27

Incident Energy (MeV)

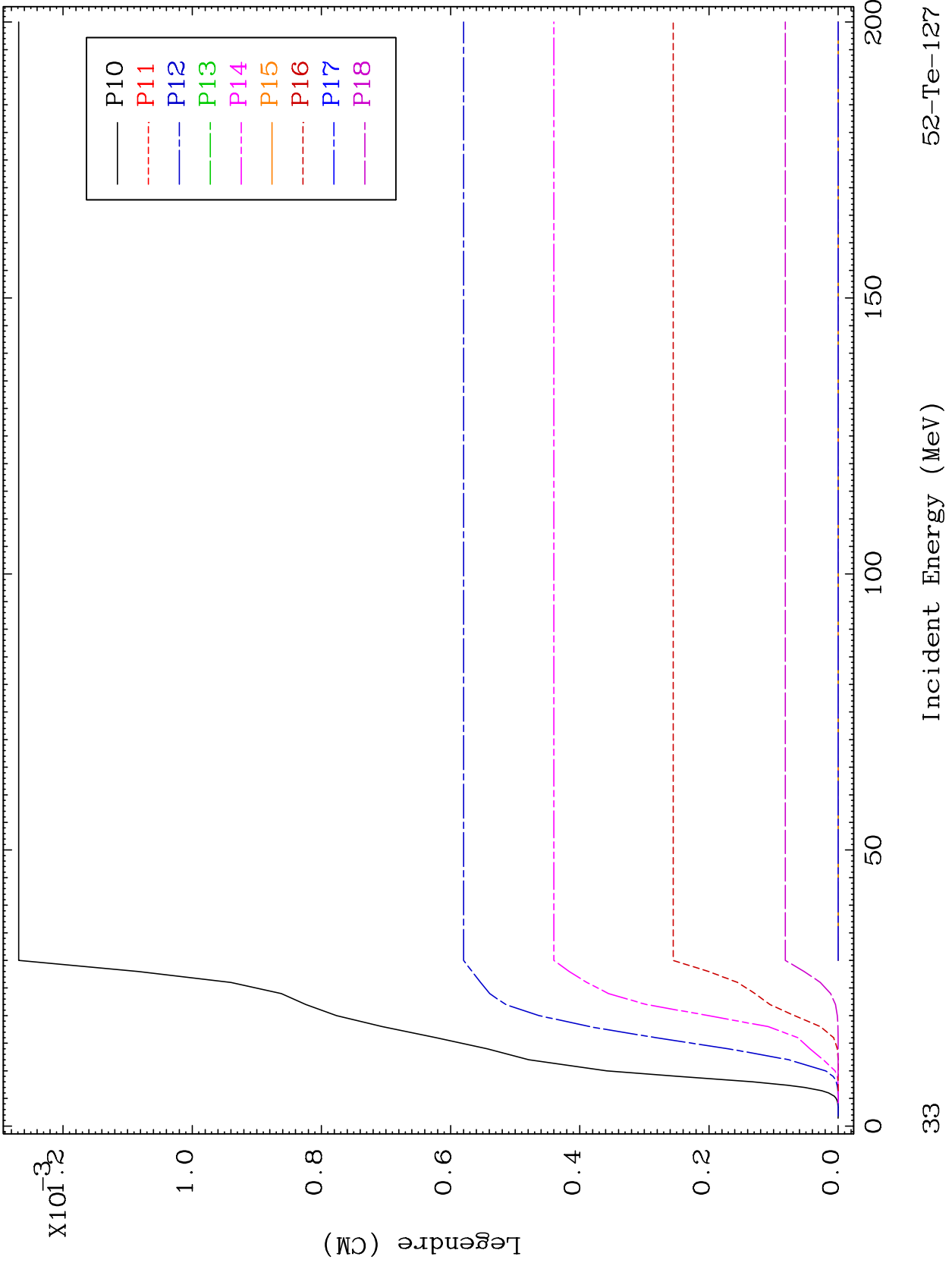
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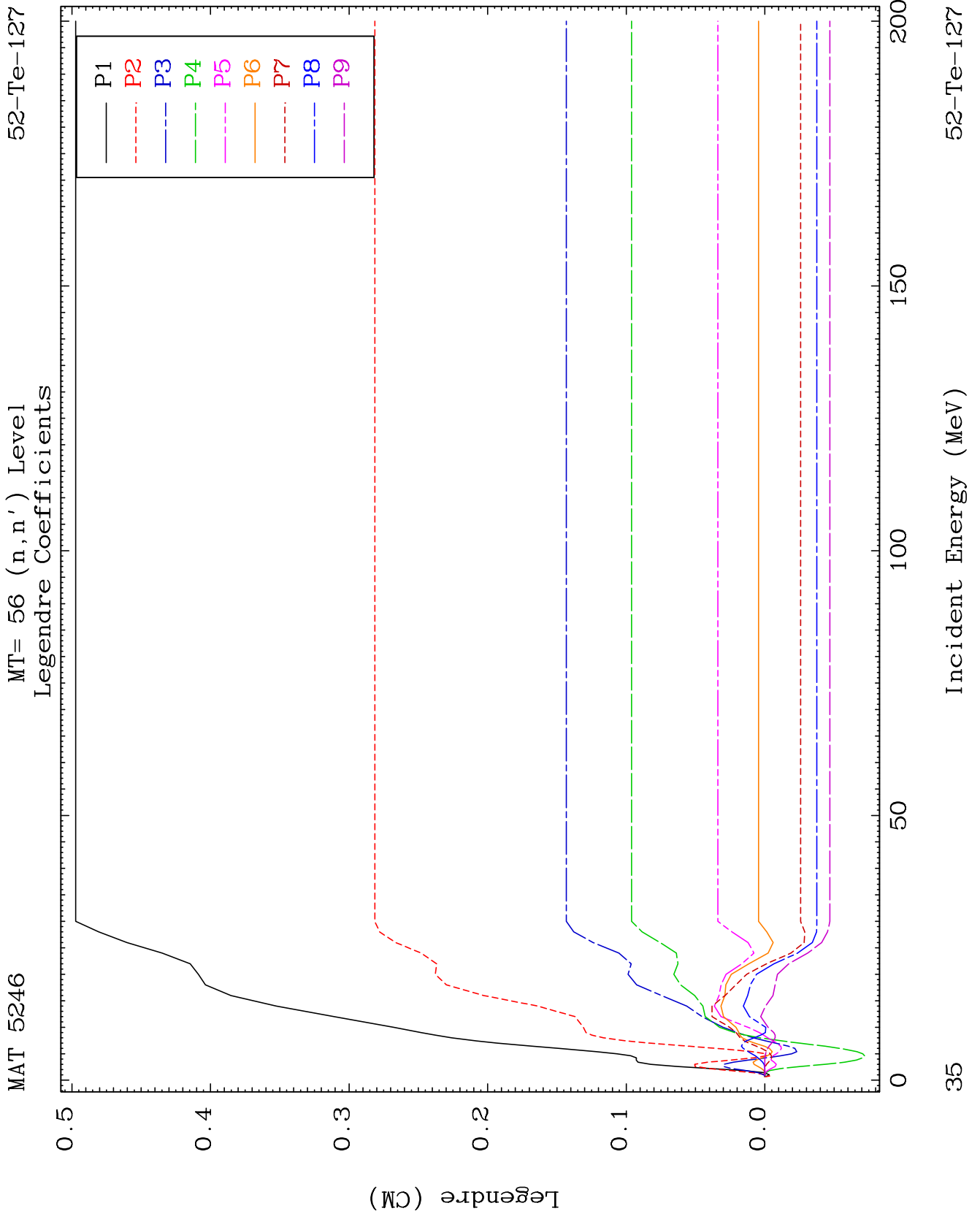
MAT 5246

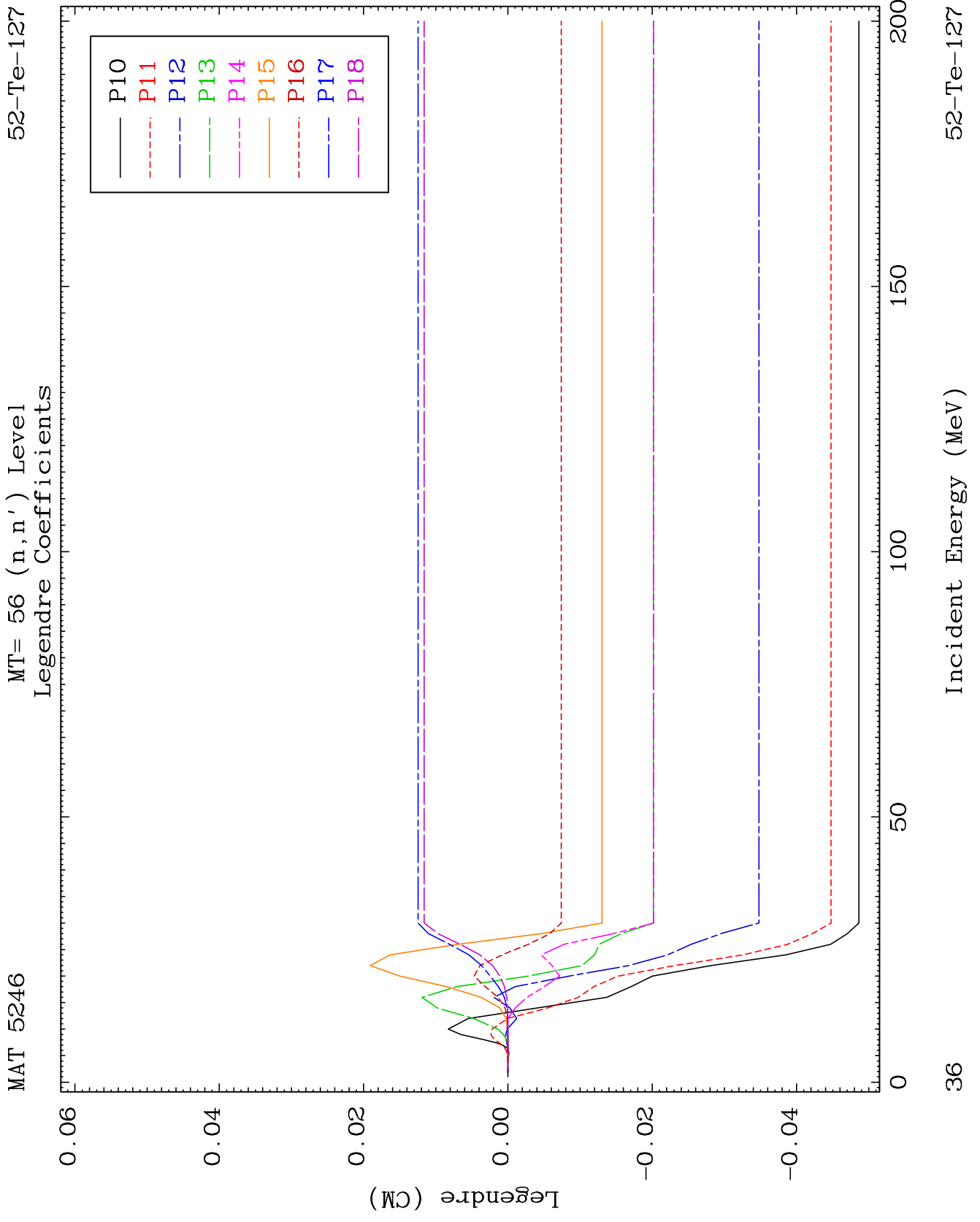
MT= 55 (n,n') Level
Legendre Coefficients

52-Te-127



33

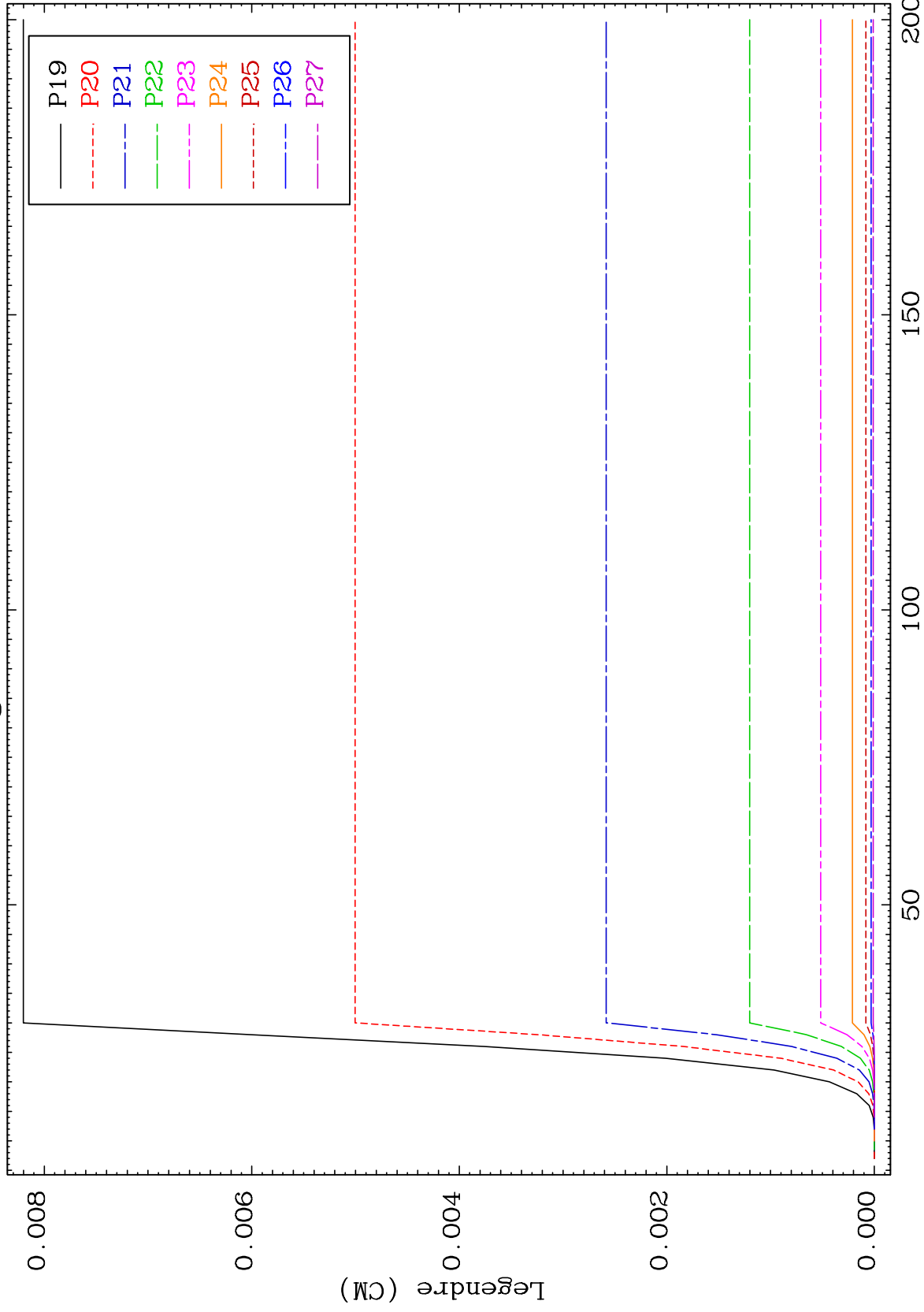




MAT 5246

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

52-Te-127



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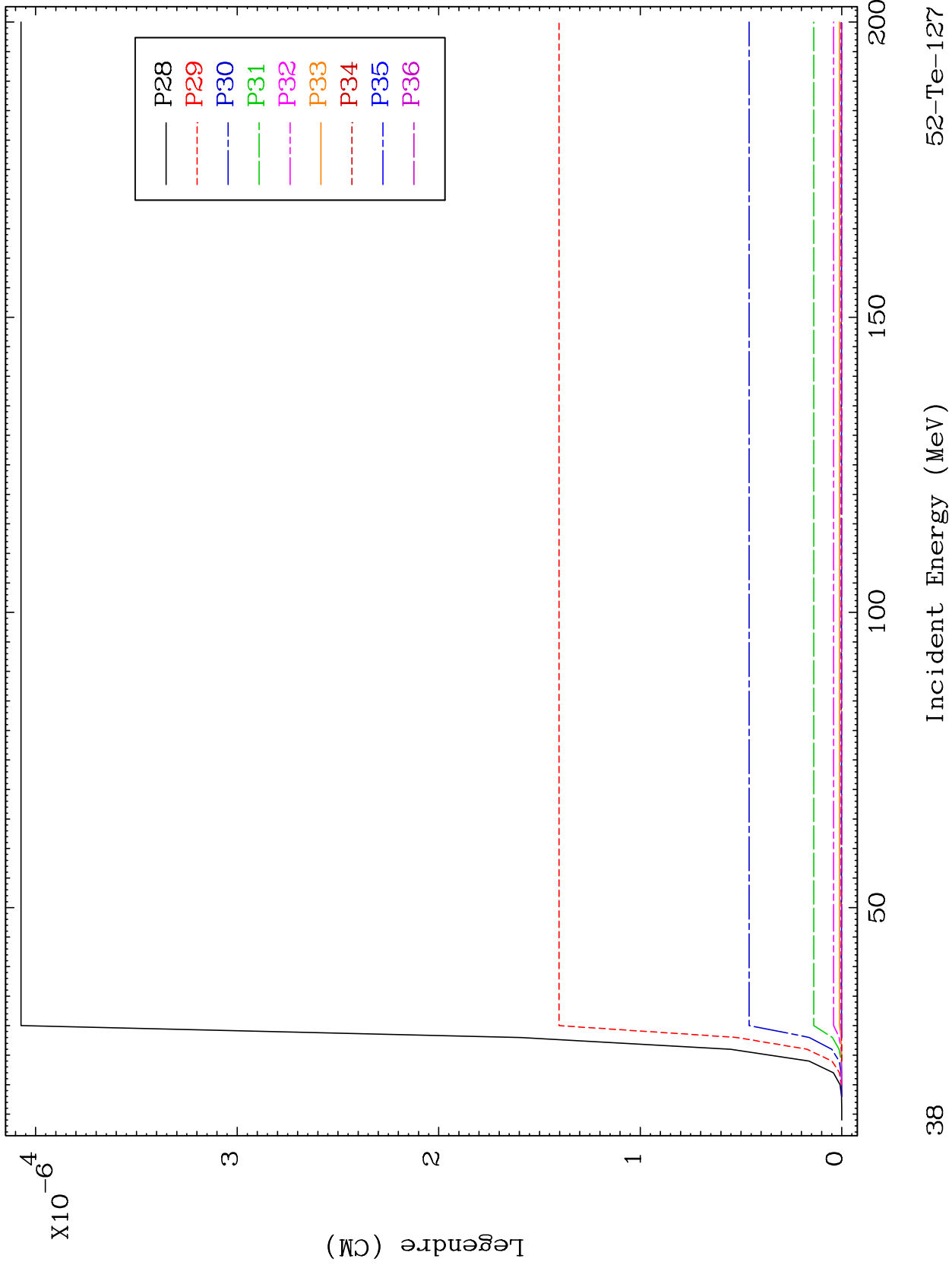
Incident Energy (MeV)

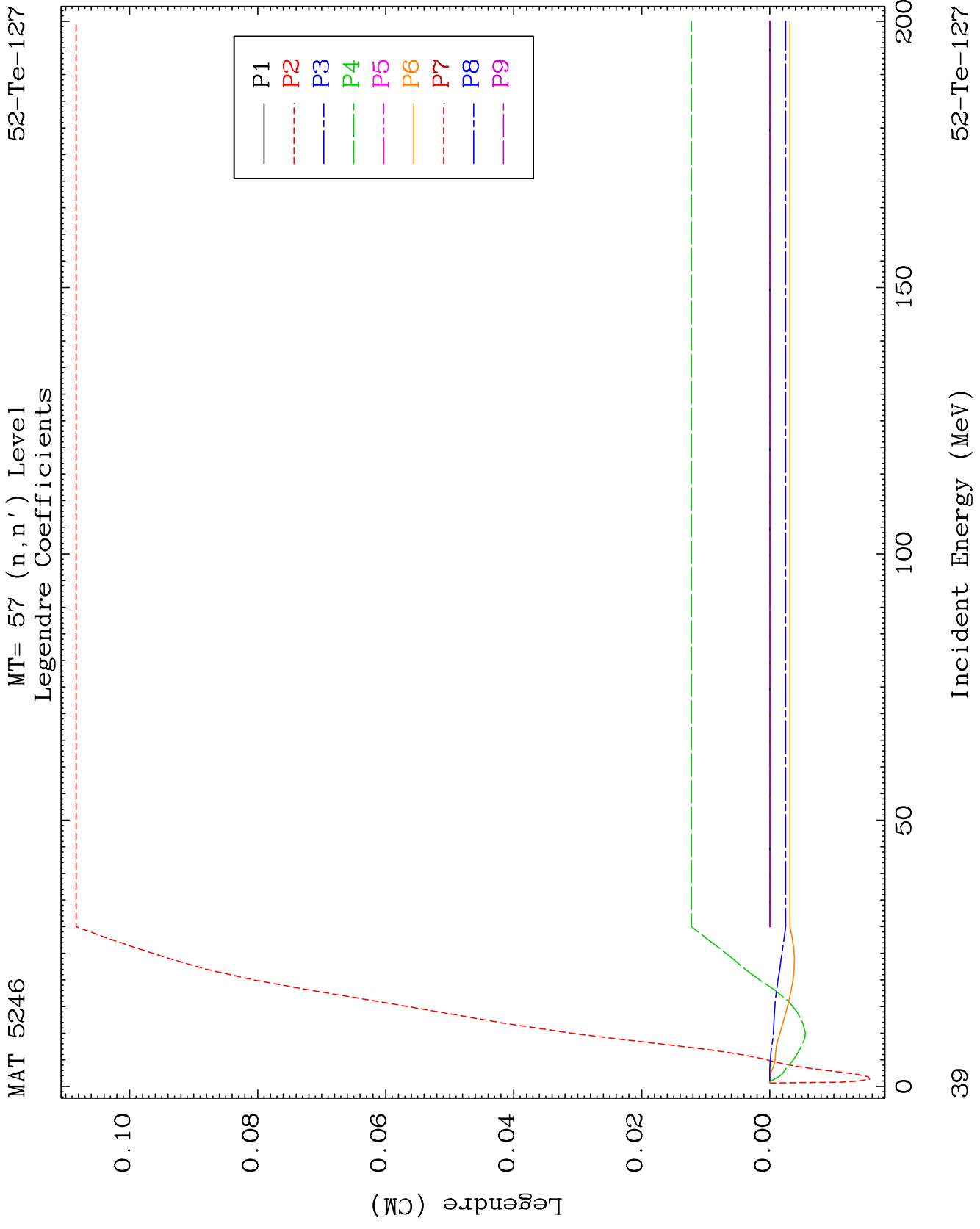
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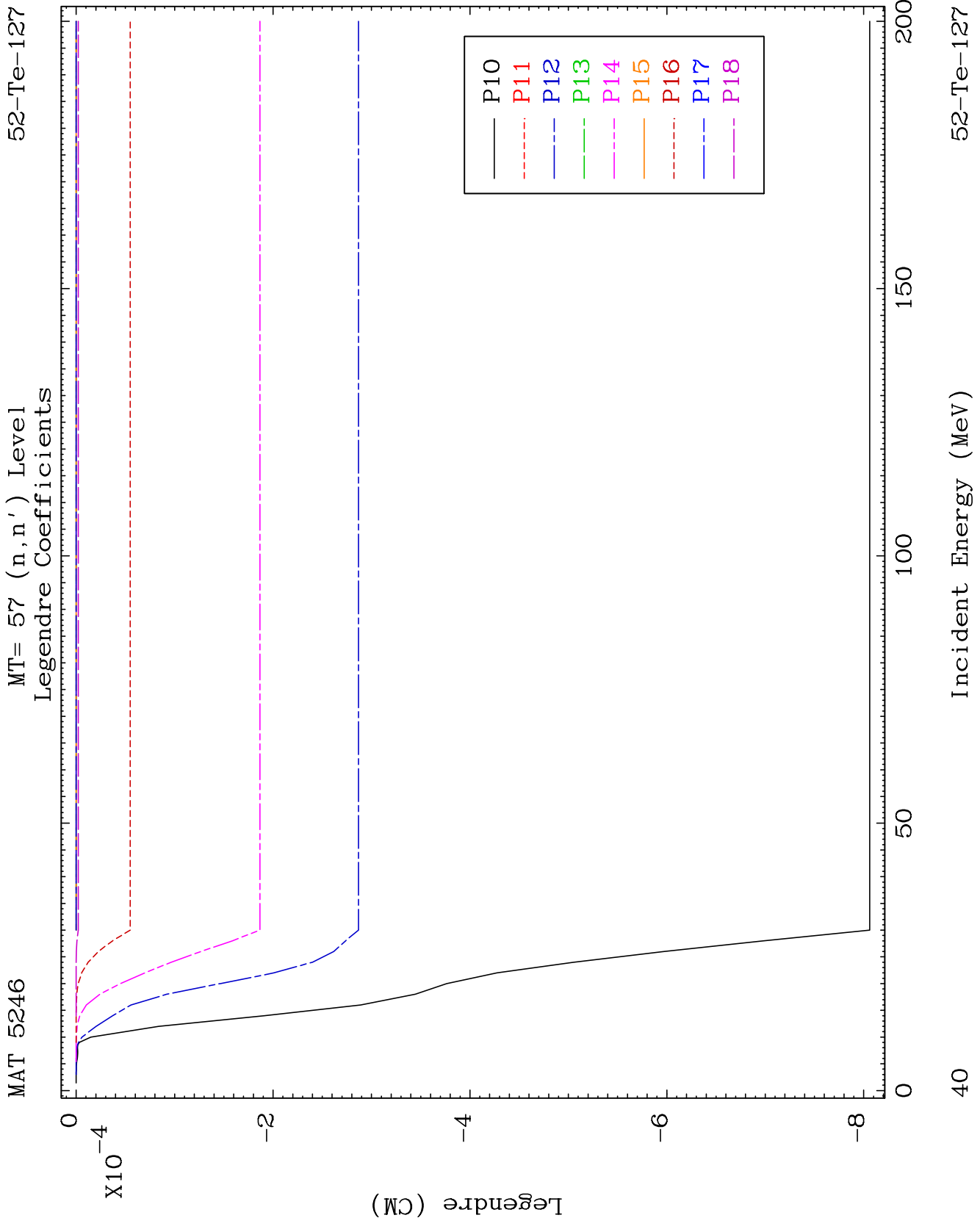
MAT 5246

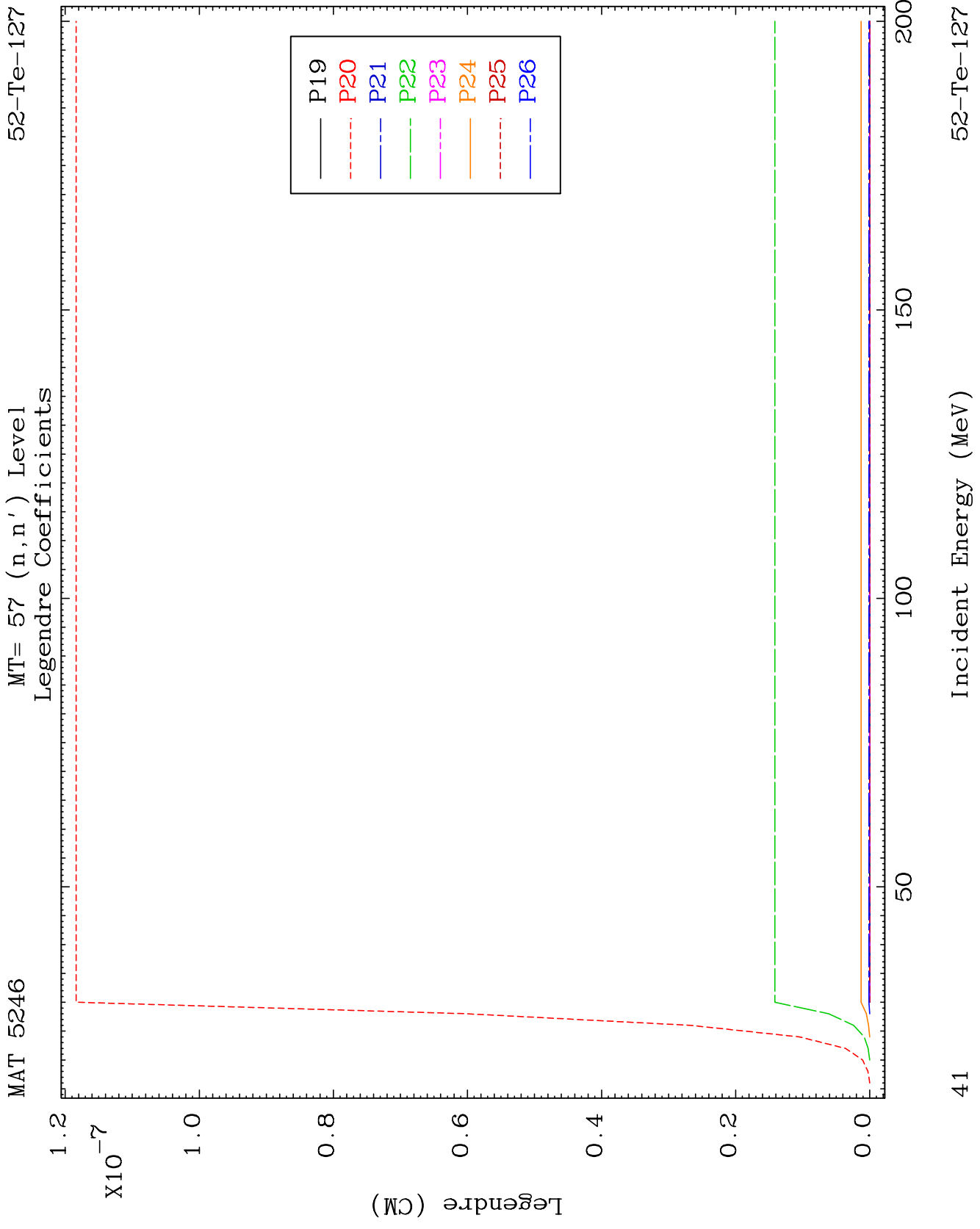
MT= 56 (n,n') Level
Legendre Coefficients

52-Te-127





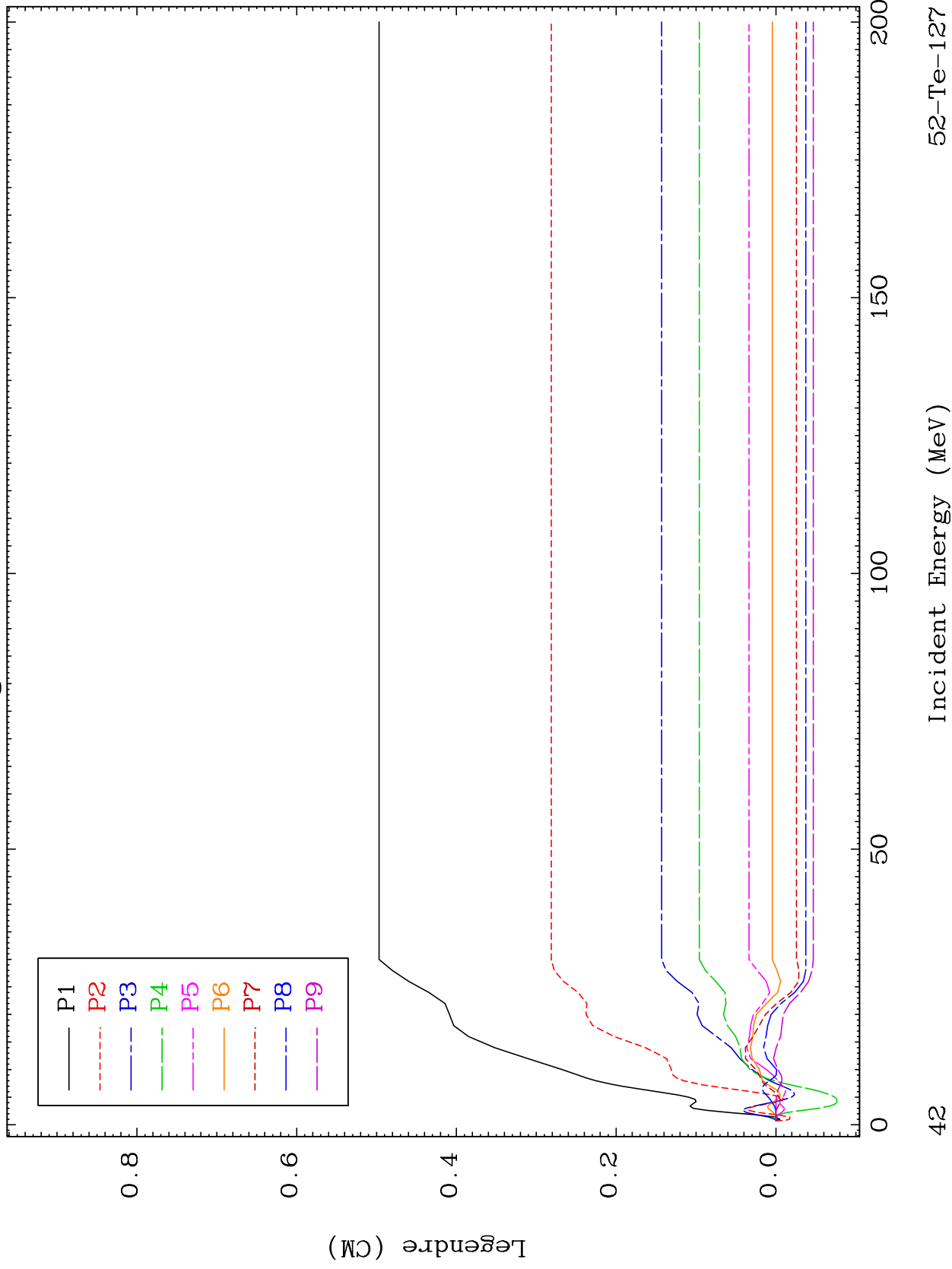




MAT 5246

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

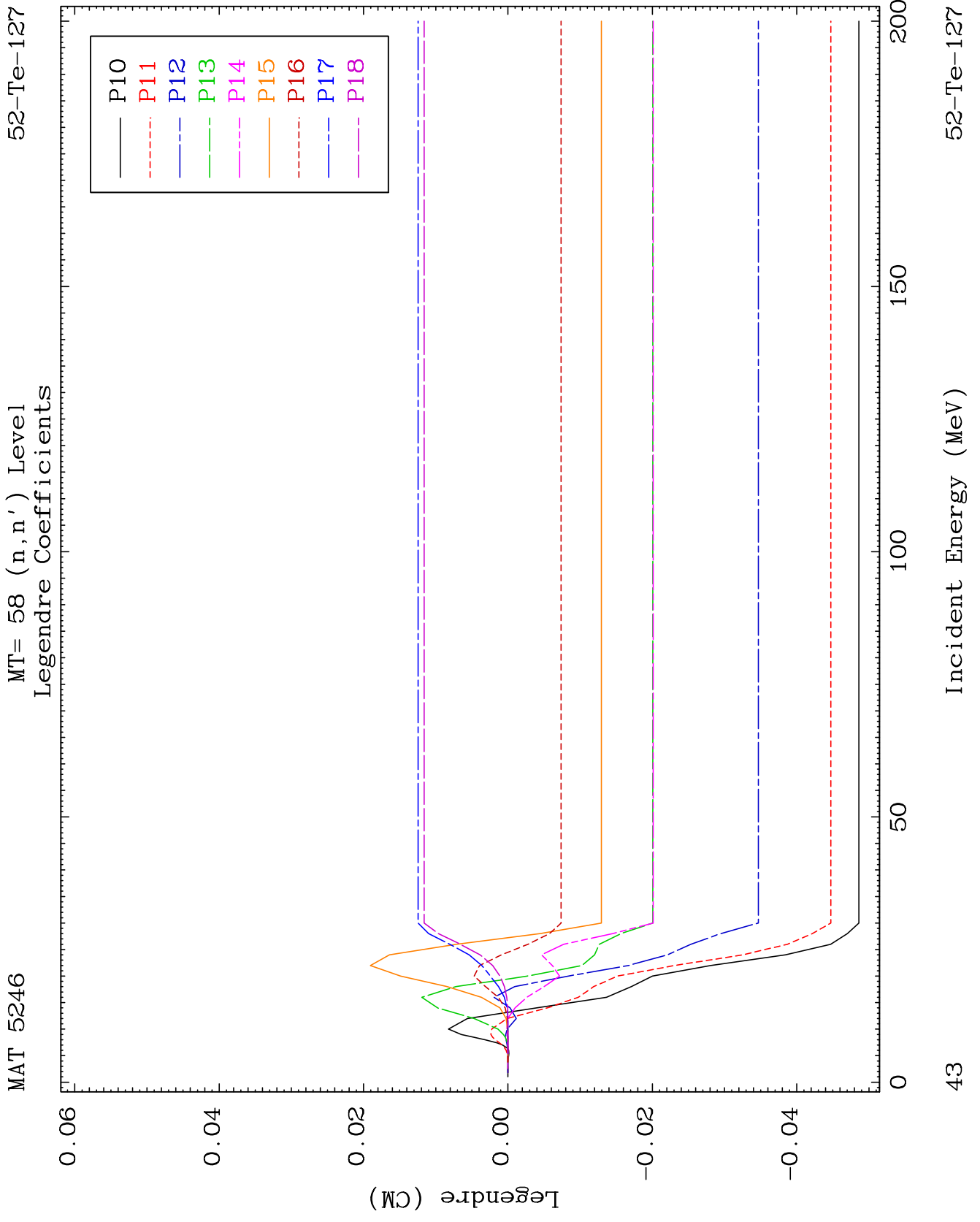
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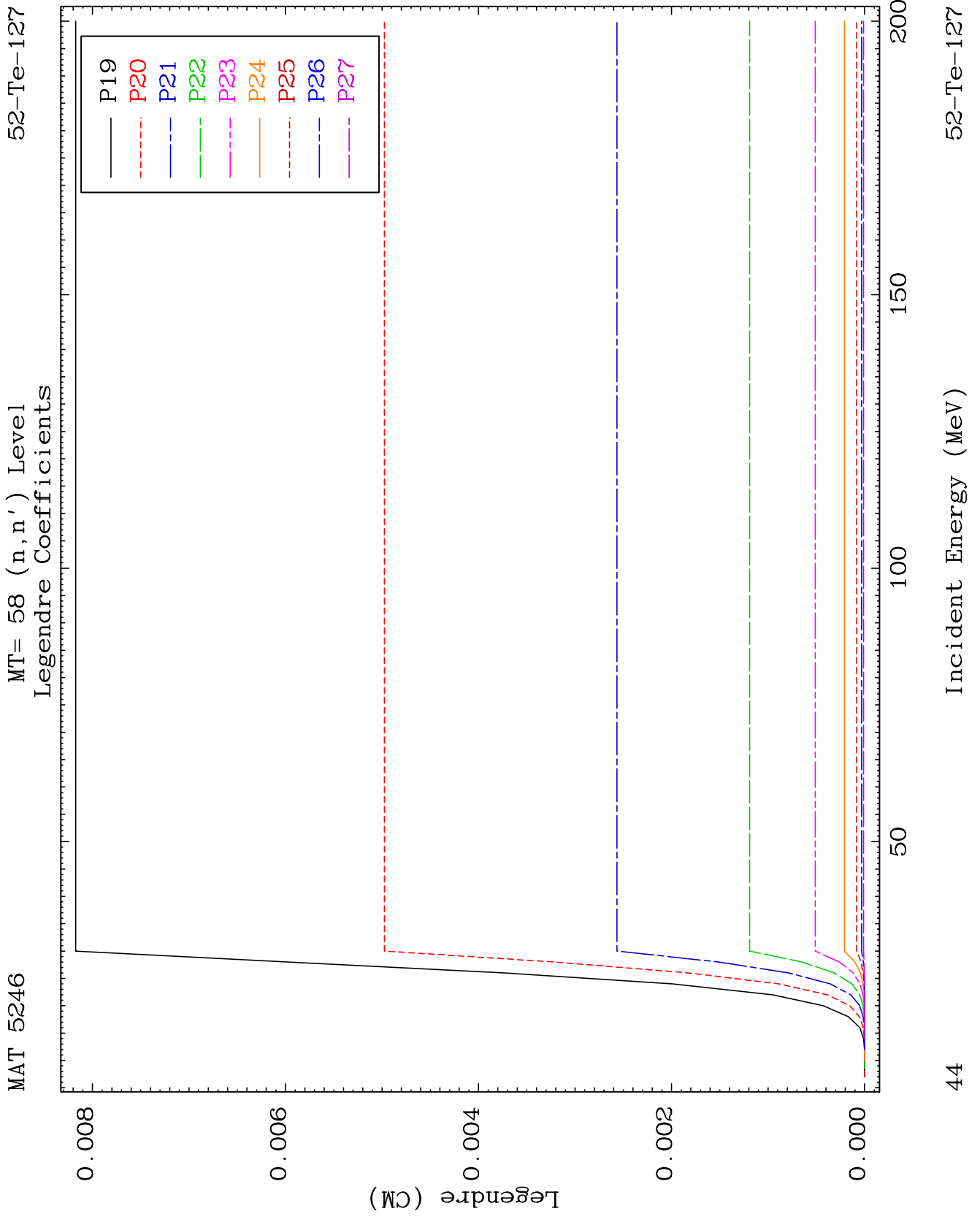


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Incident Energy (MeV)

52-Te-127

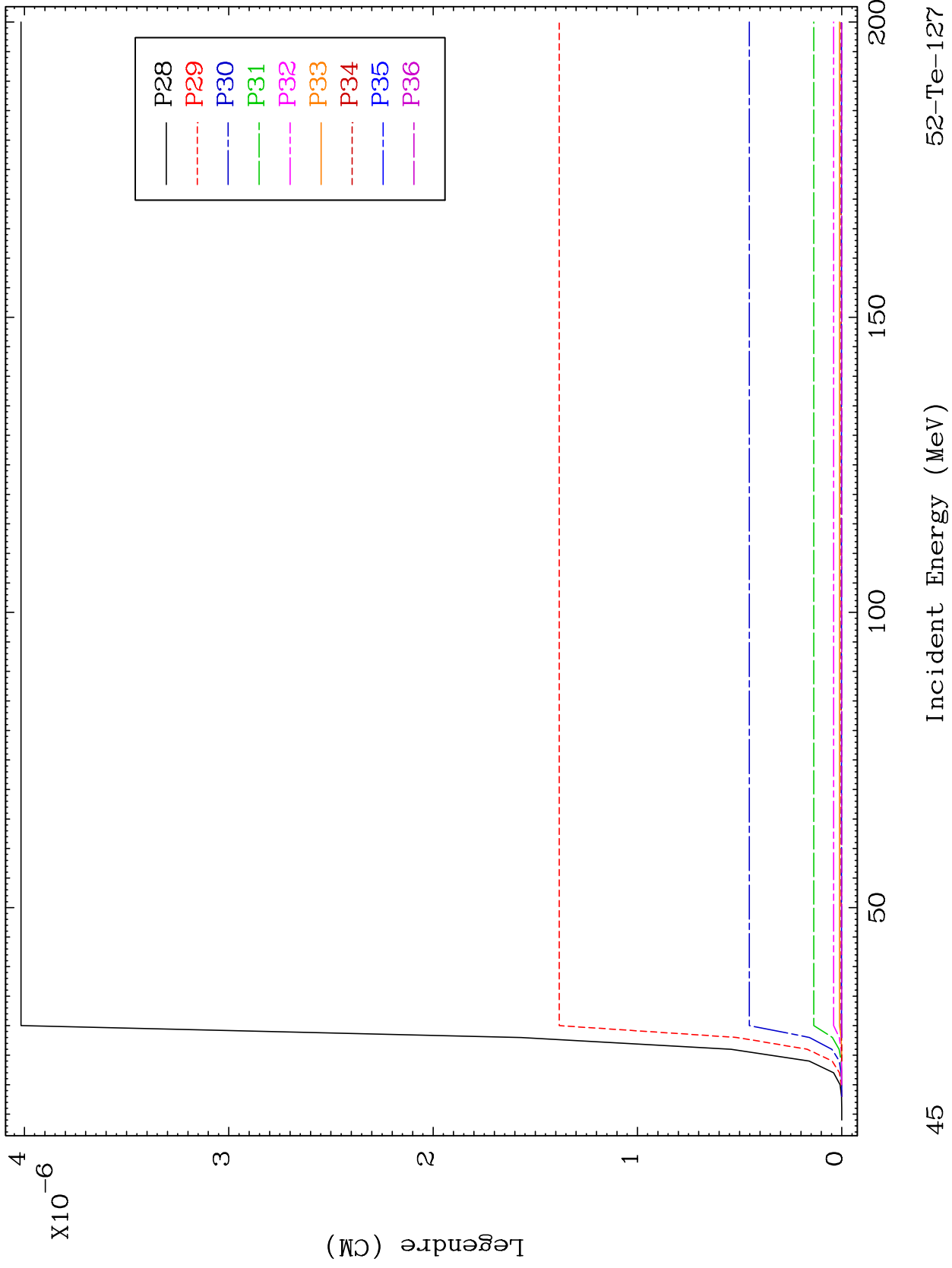


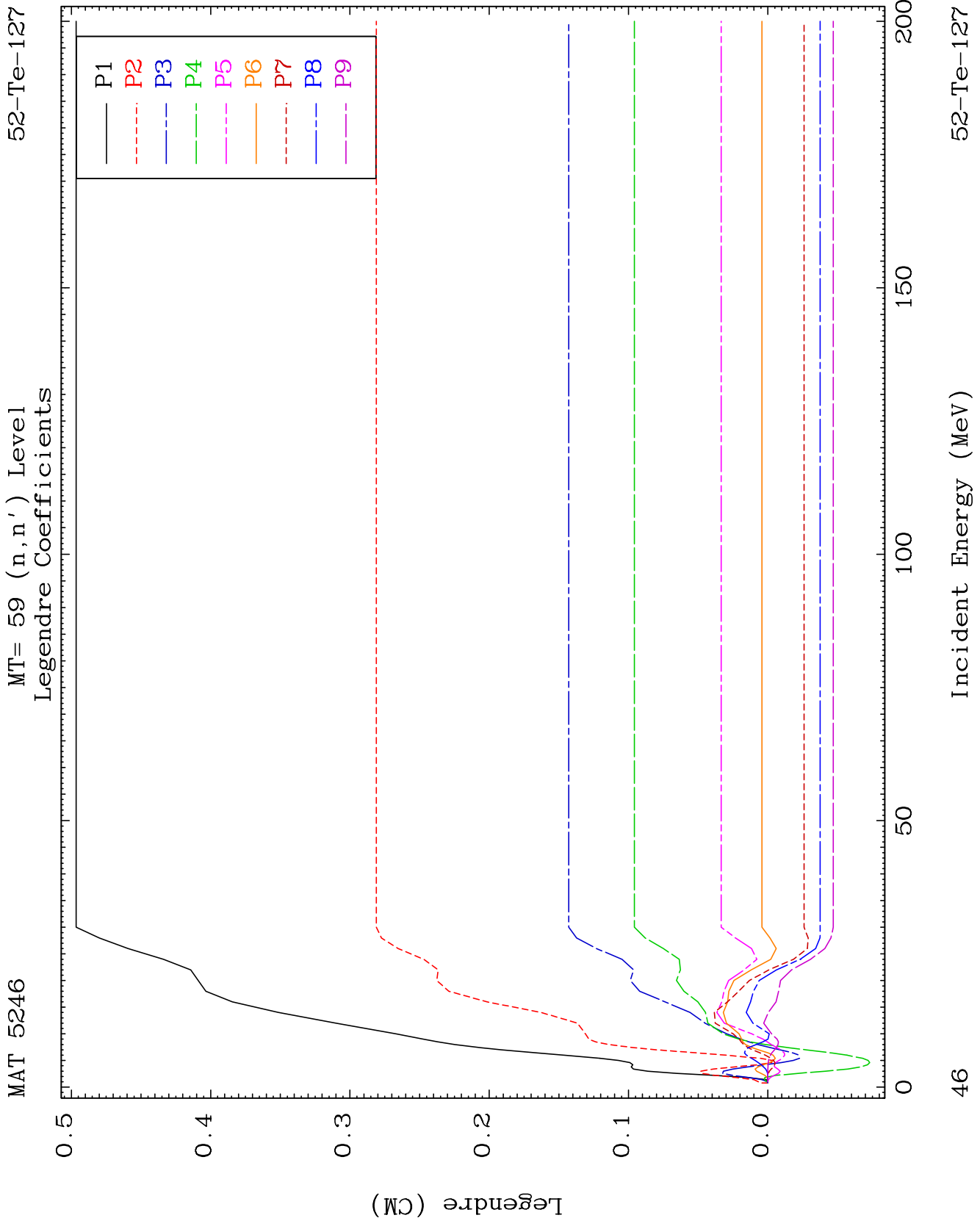


MAT 5246

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

52-Te-127

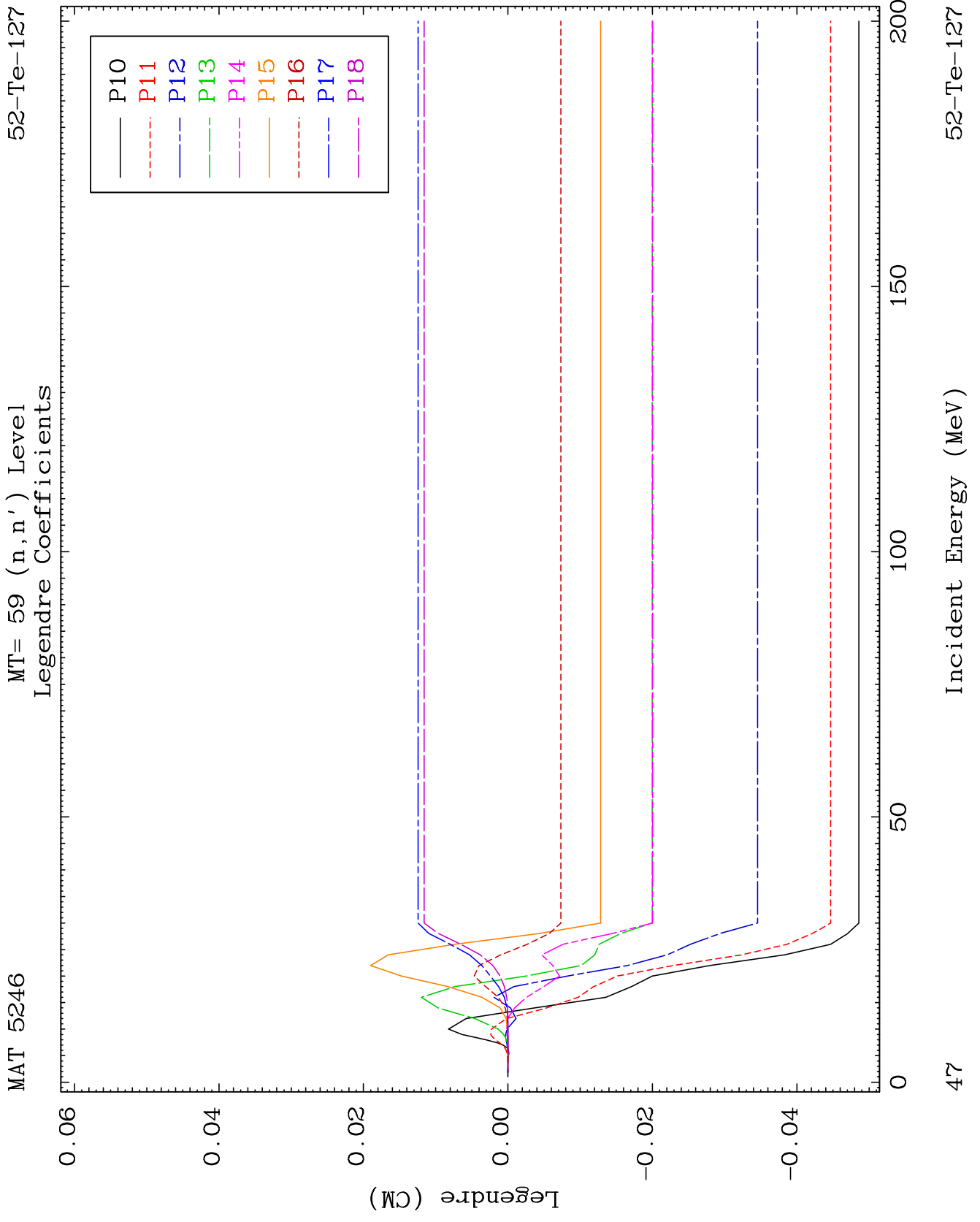


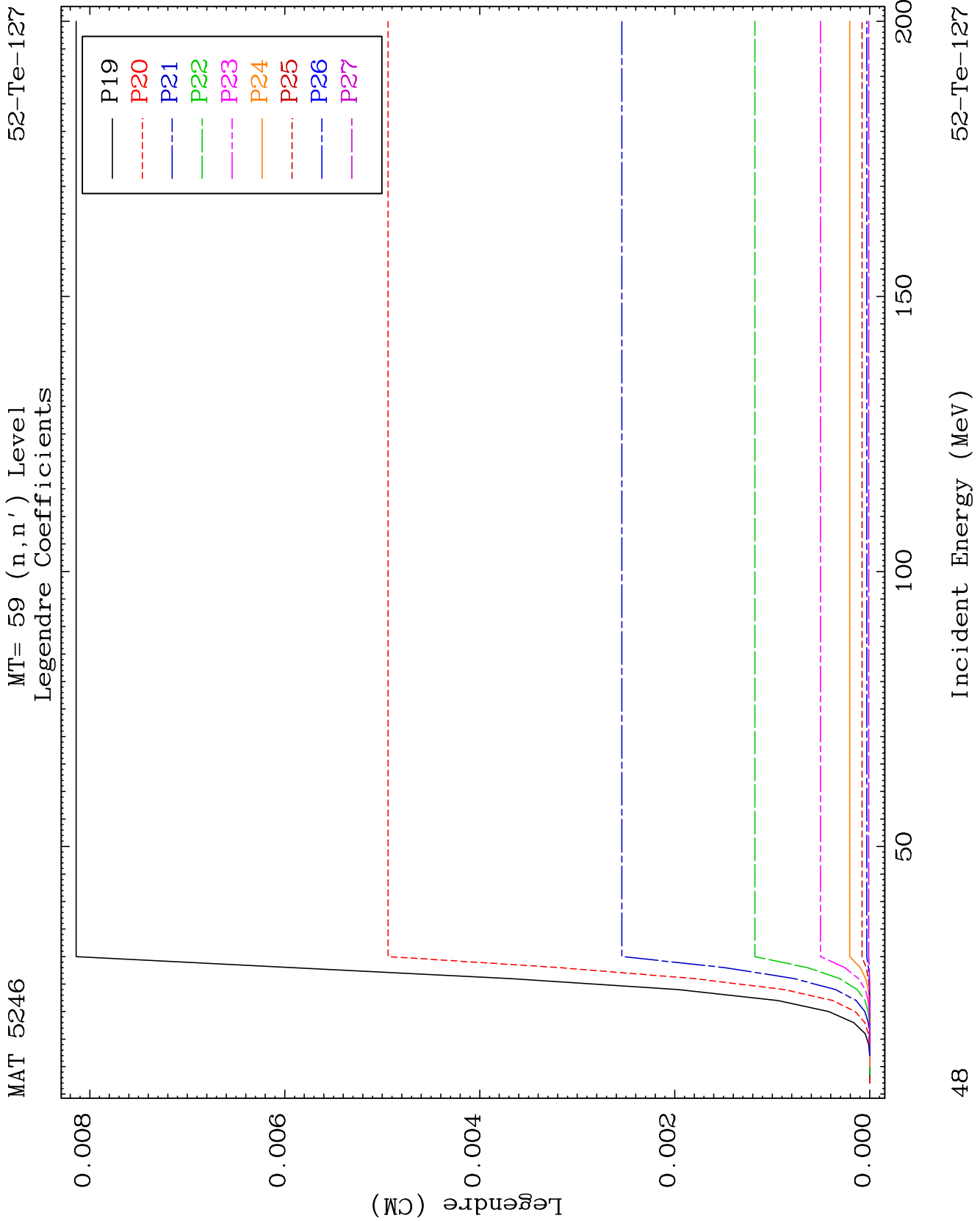


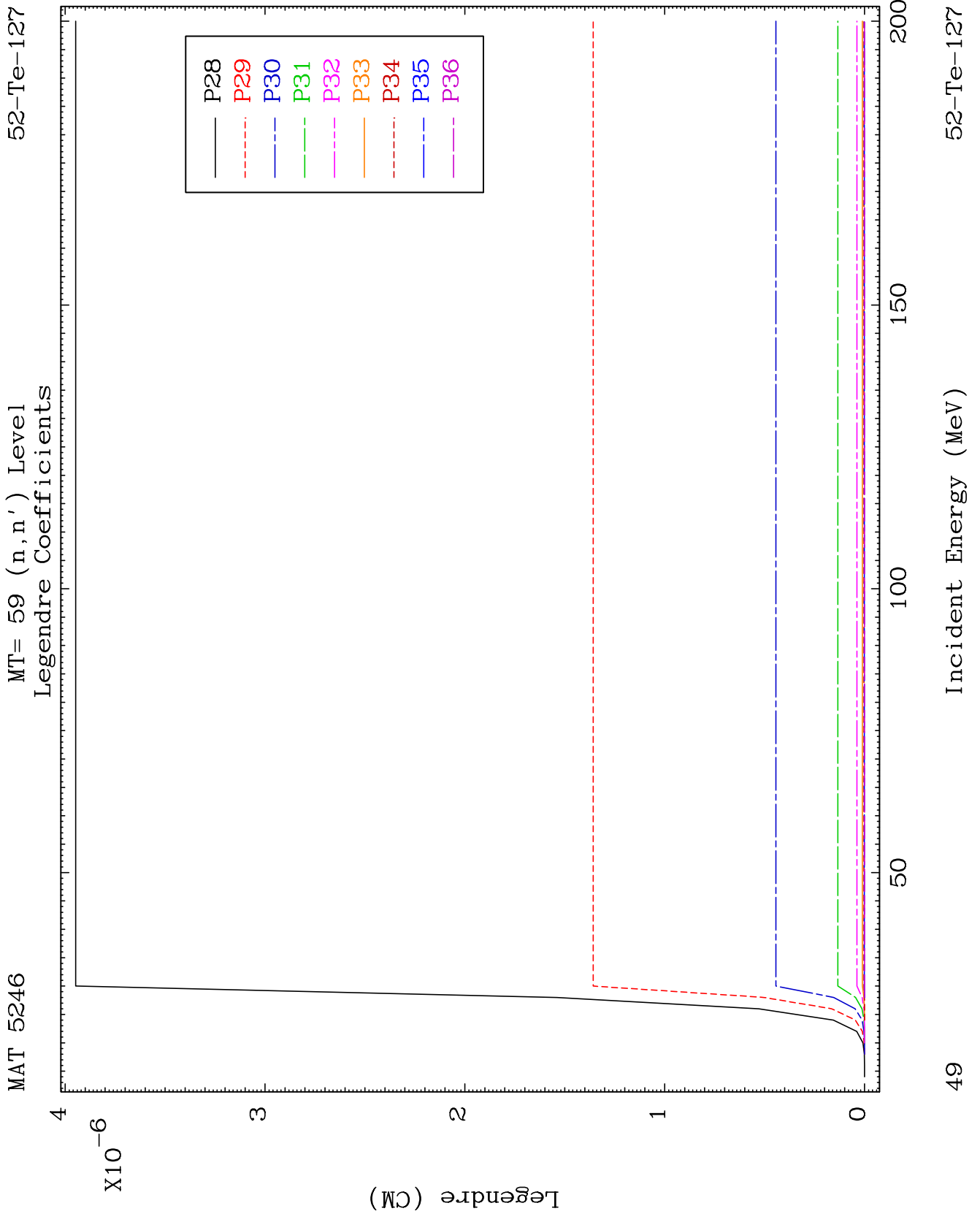
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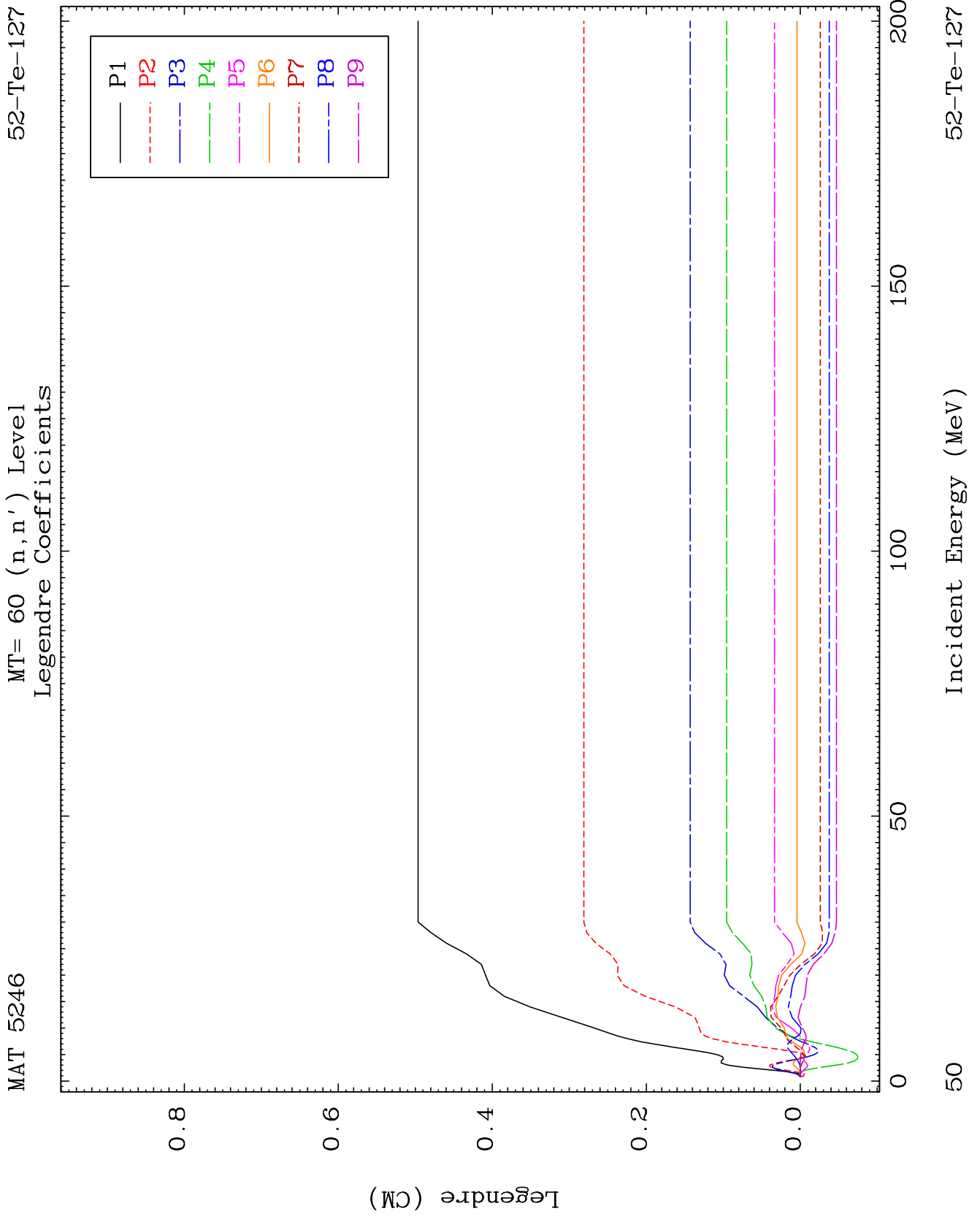
Incident Energy (MeV)

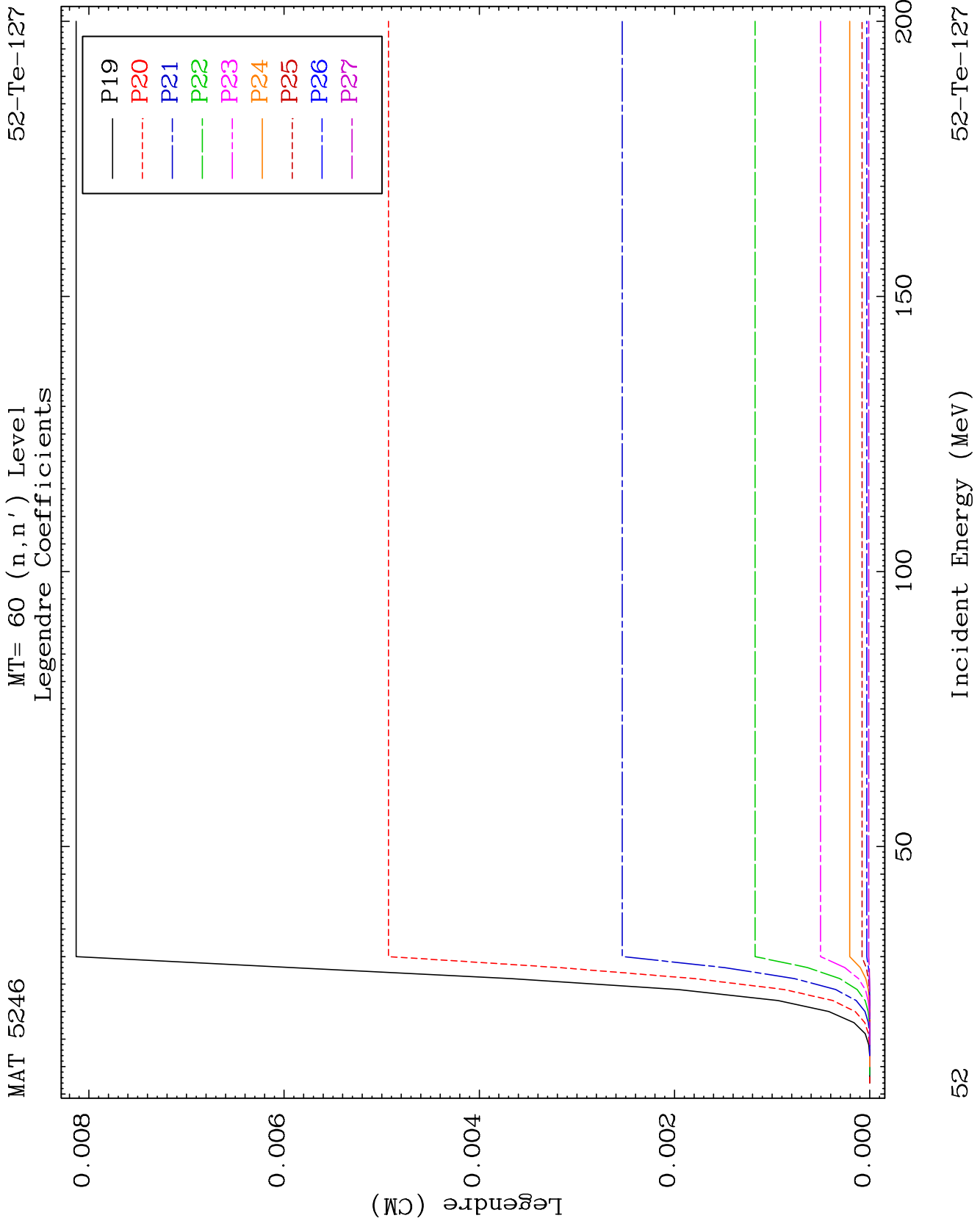
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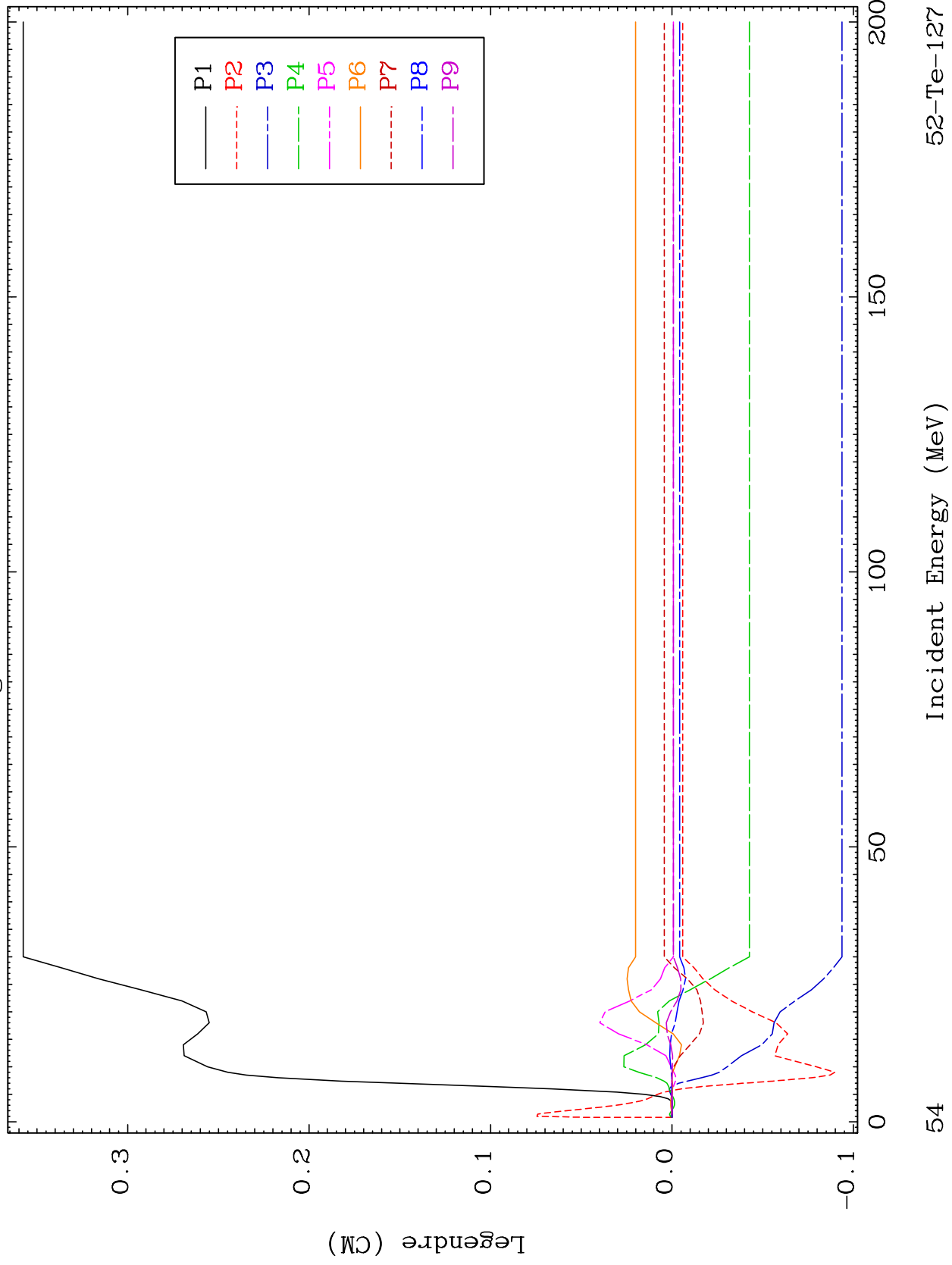




MAT 5246

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

52-Te-127



54

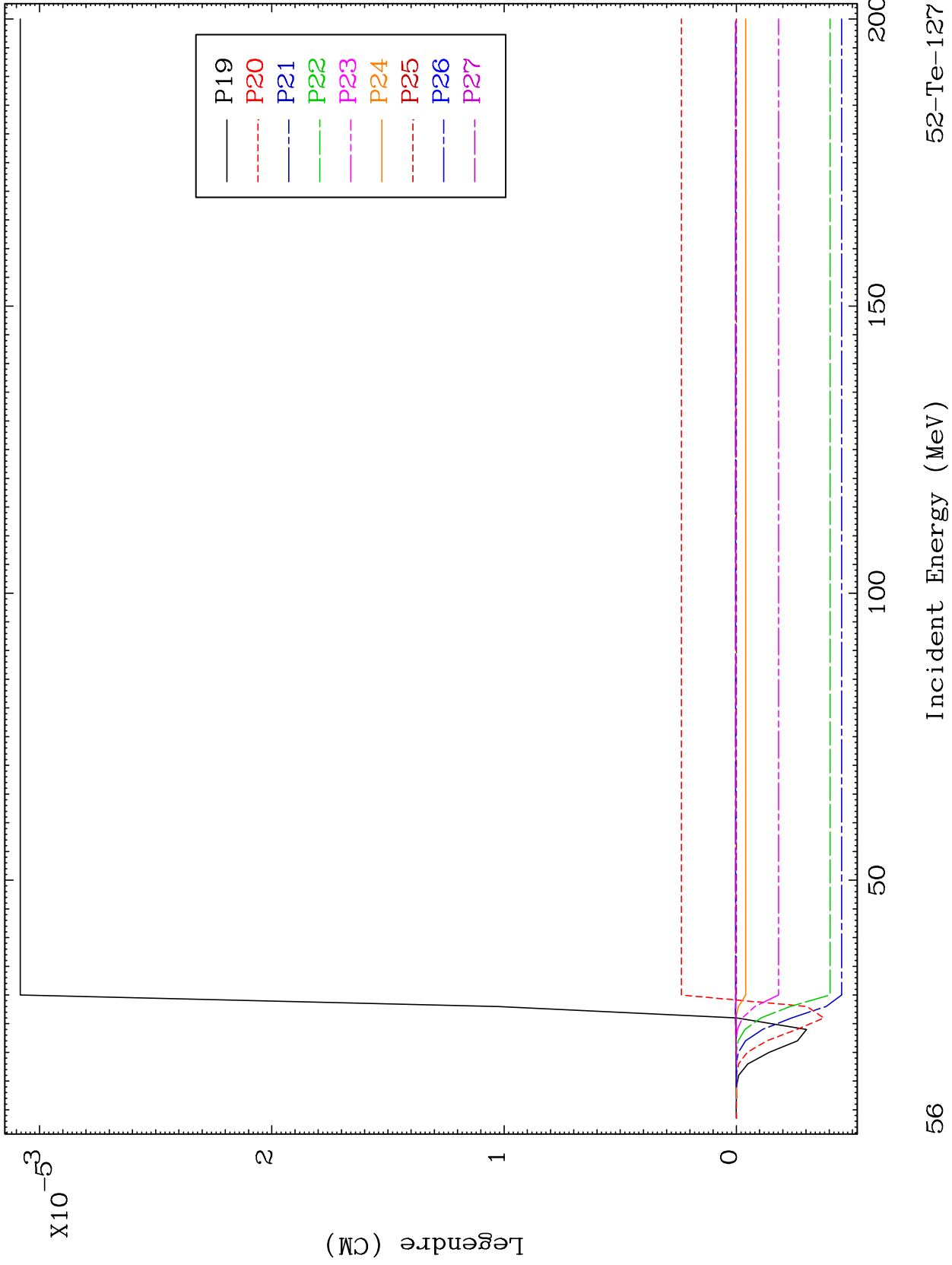
Incident Energy (MeV)

52-Te-127

MAT 5246

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

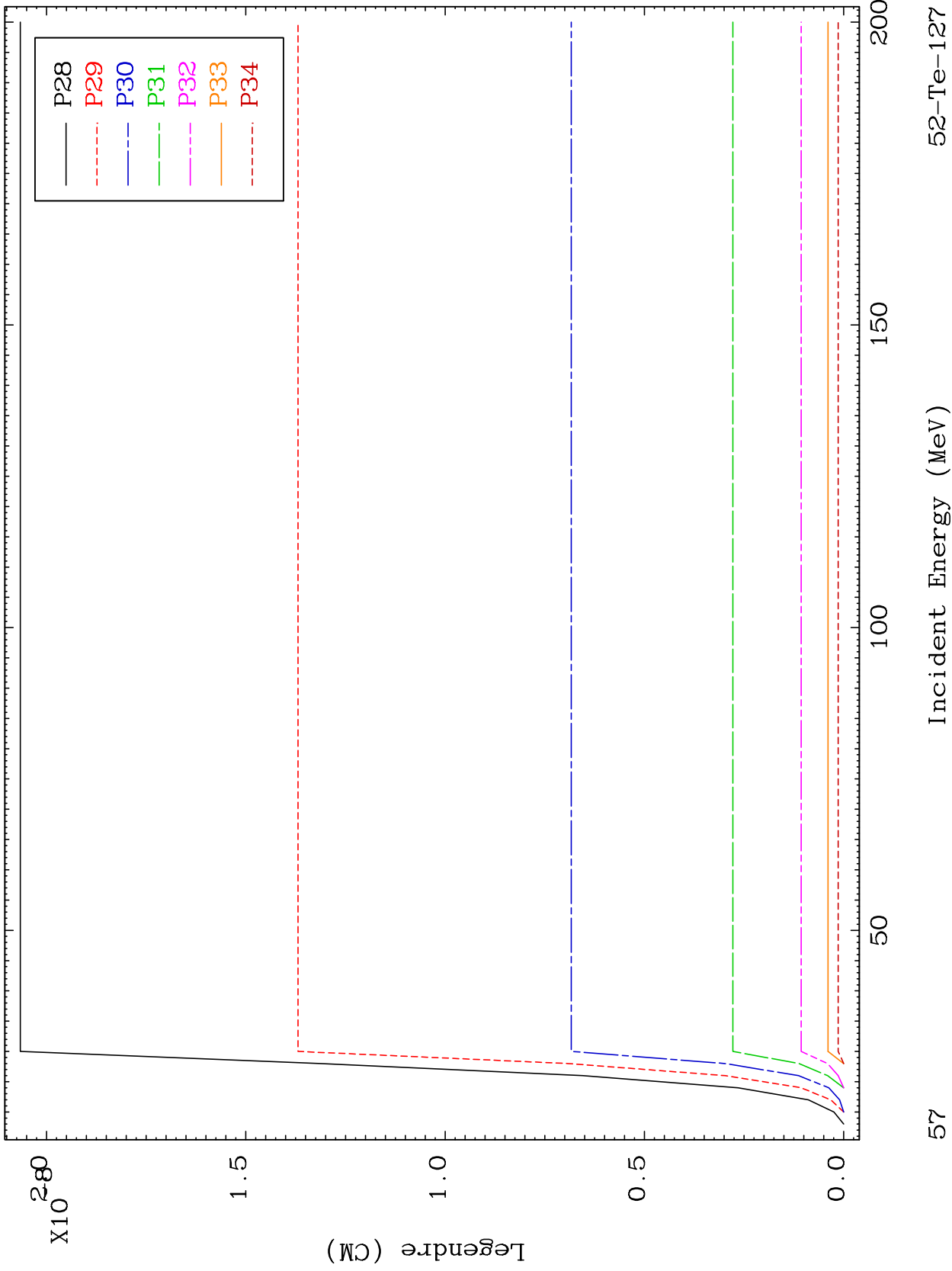
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MAT 5246

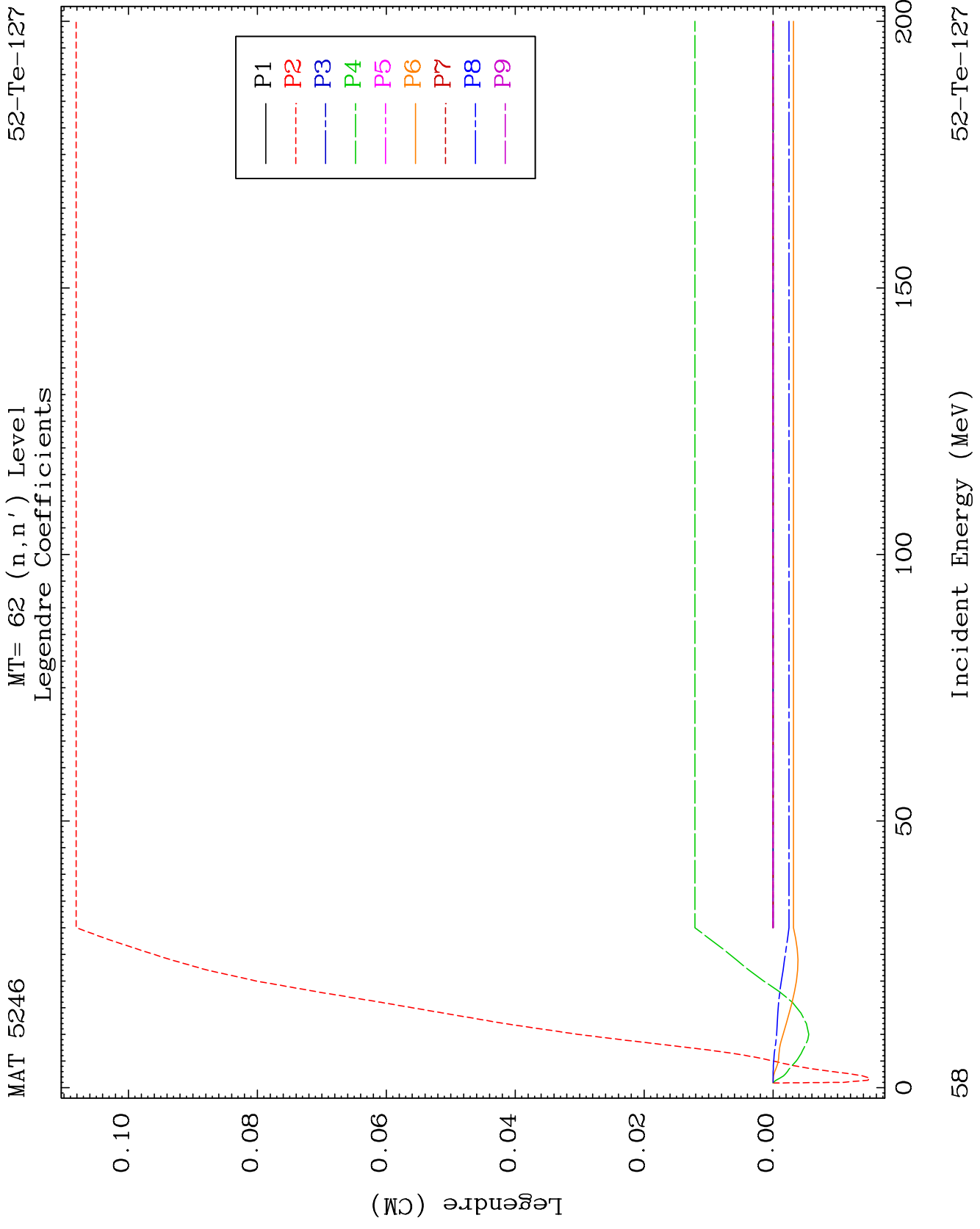
MT= 61 (n,n') Level
Legendre Coefficients

52-Te-127



57

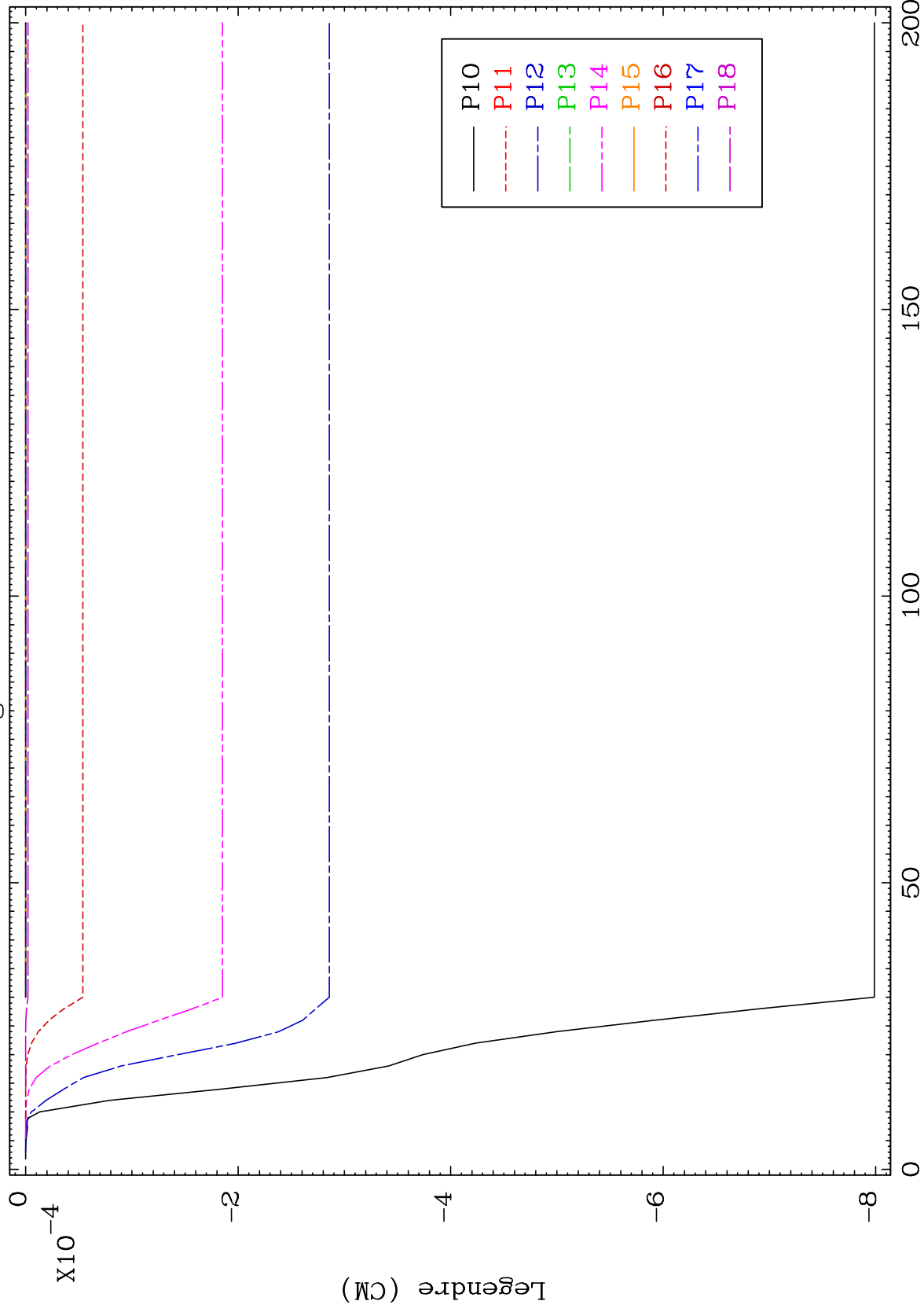
52-Te-127



MAT 5246

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

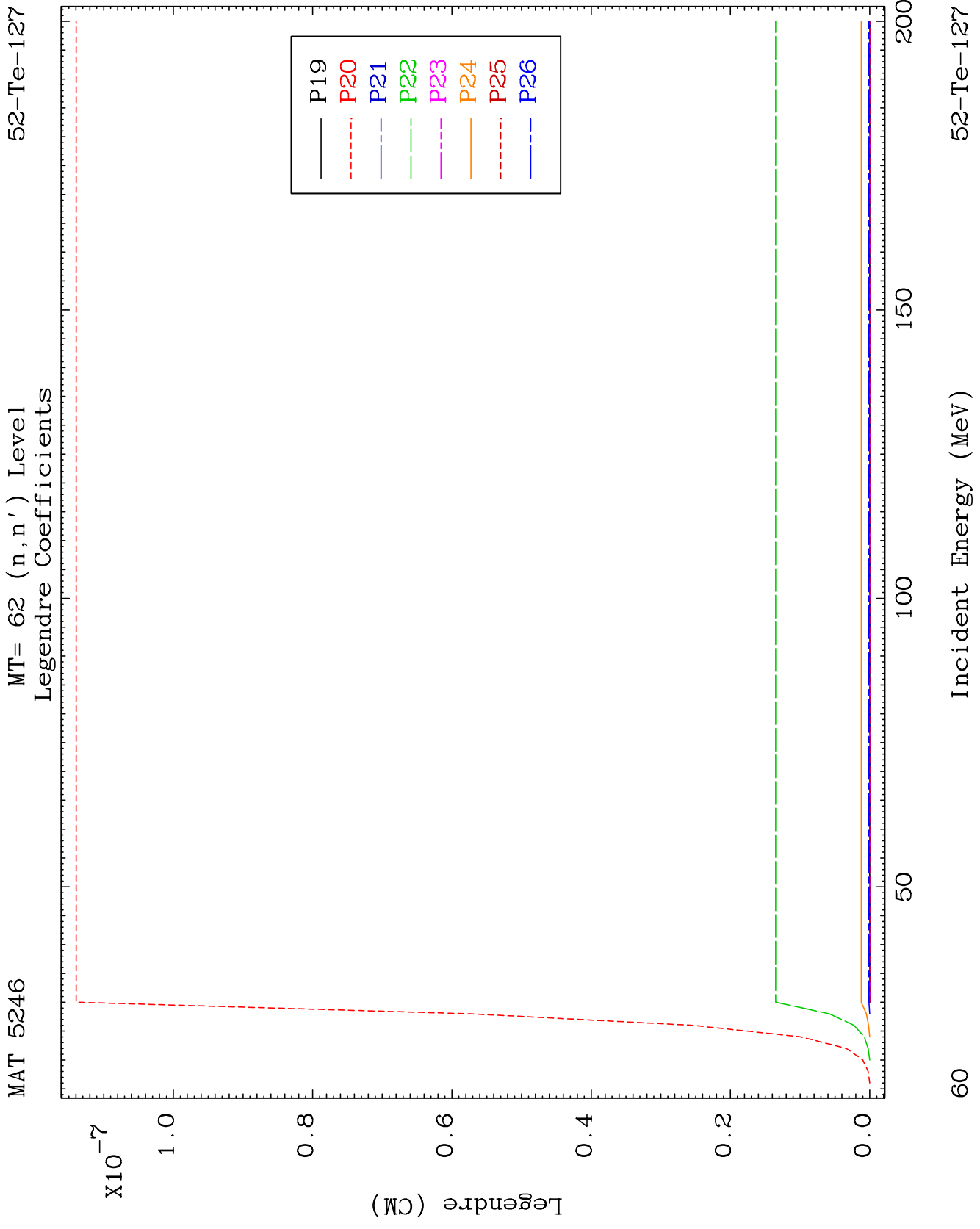
52-Te-127



59

Incident Energy (MeV)

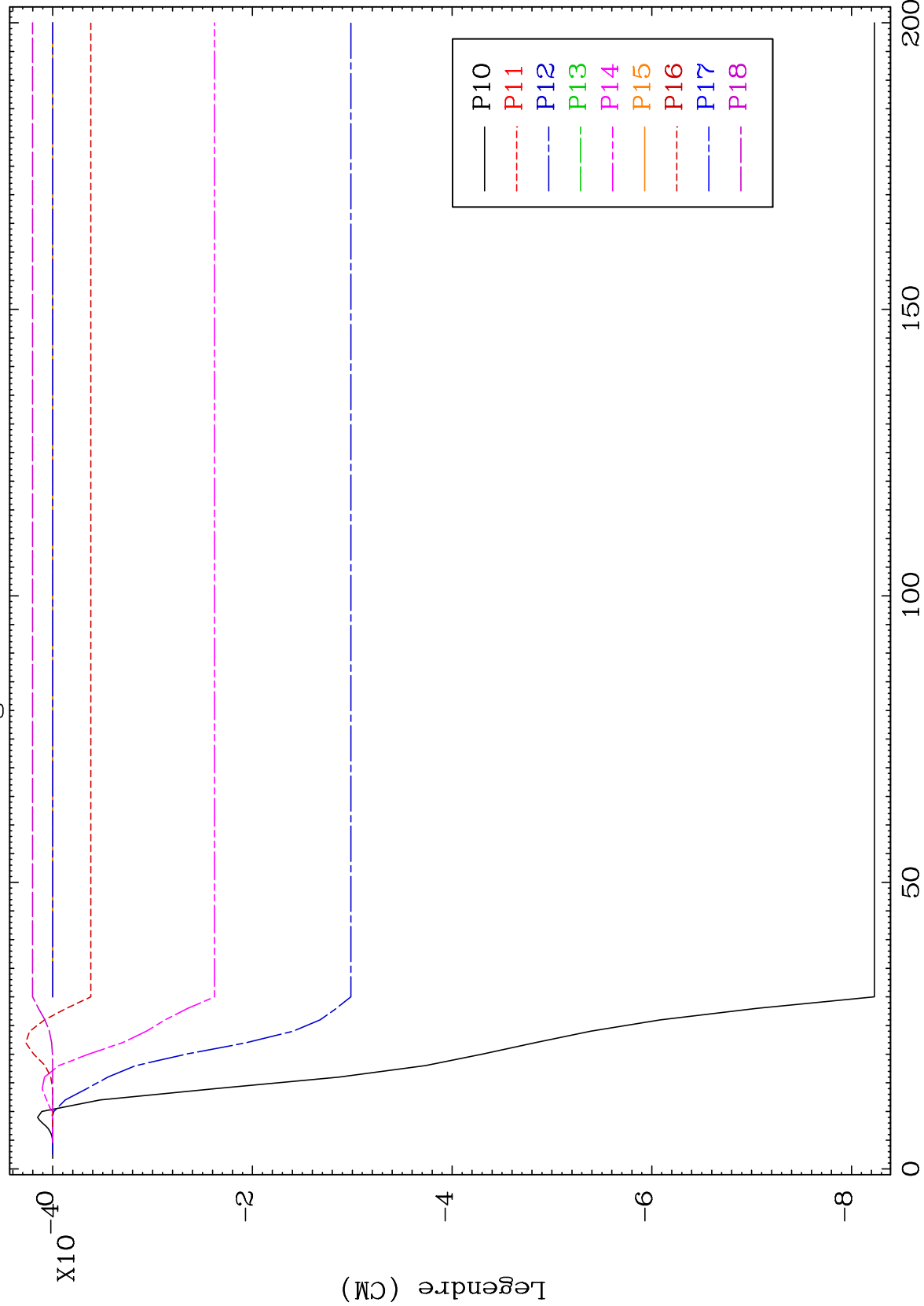
52-Te-127



MAT 5246

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

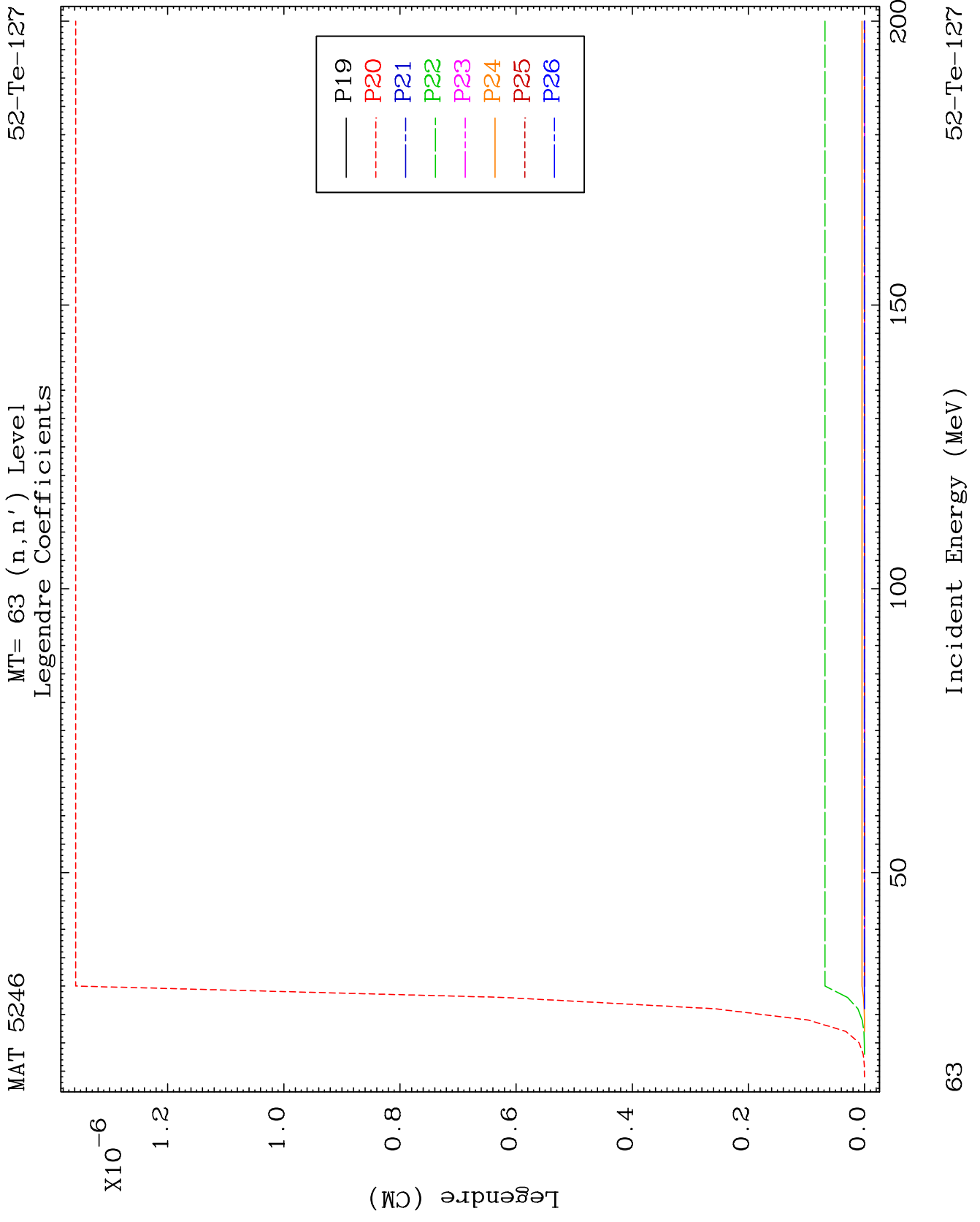
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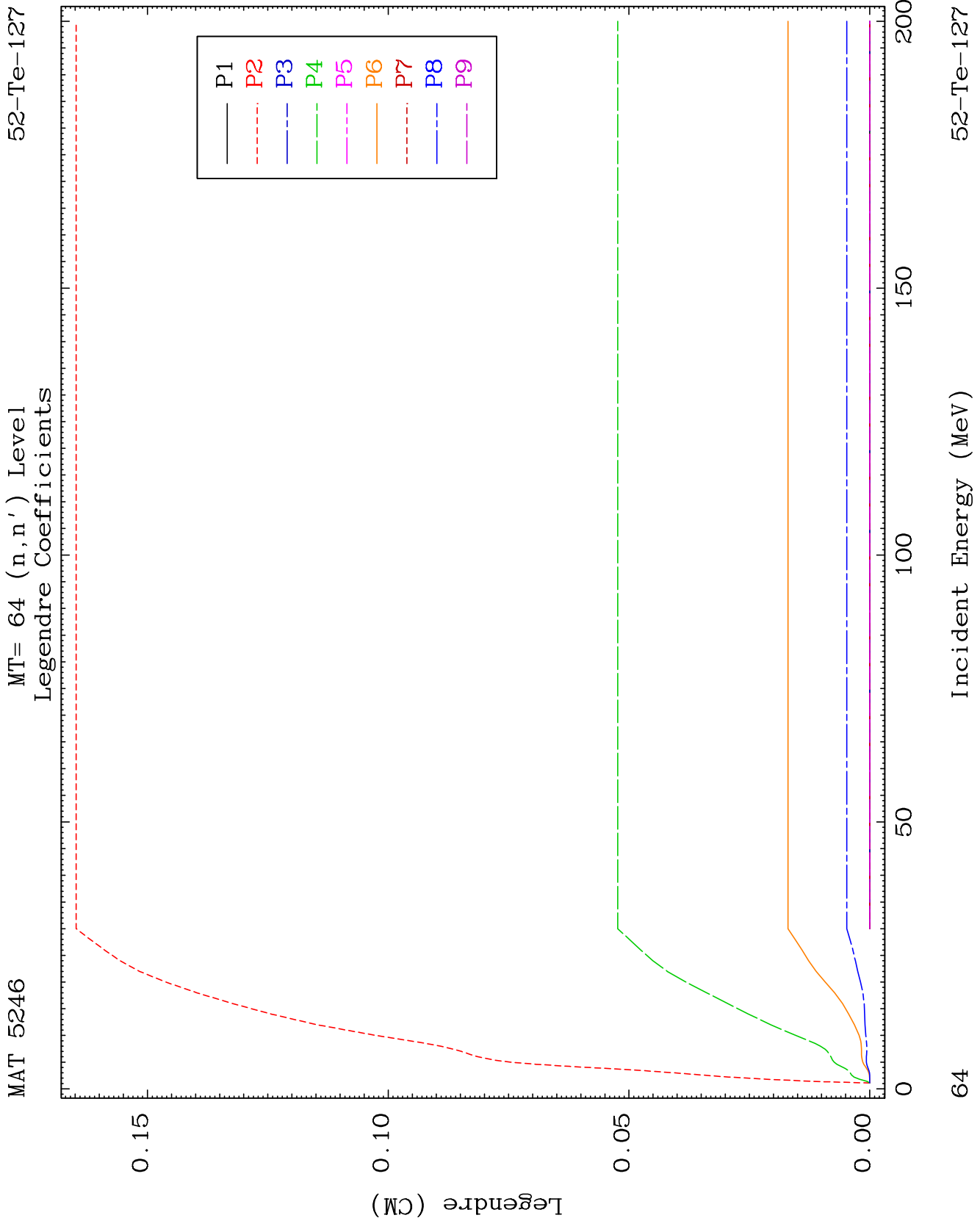


62

Incident Energy (MeV)

52-Te-127

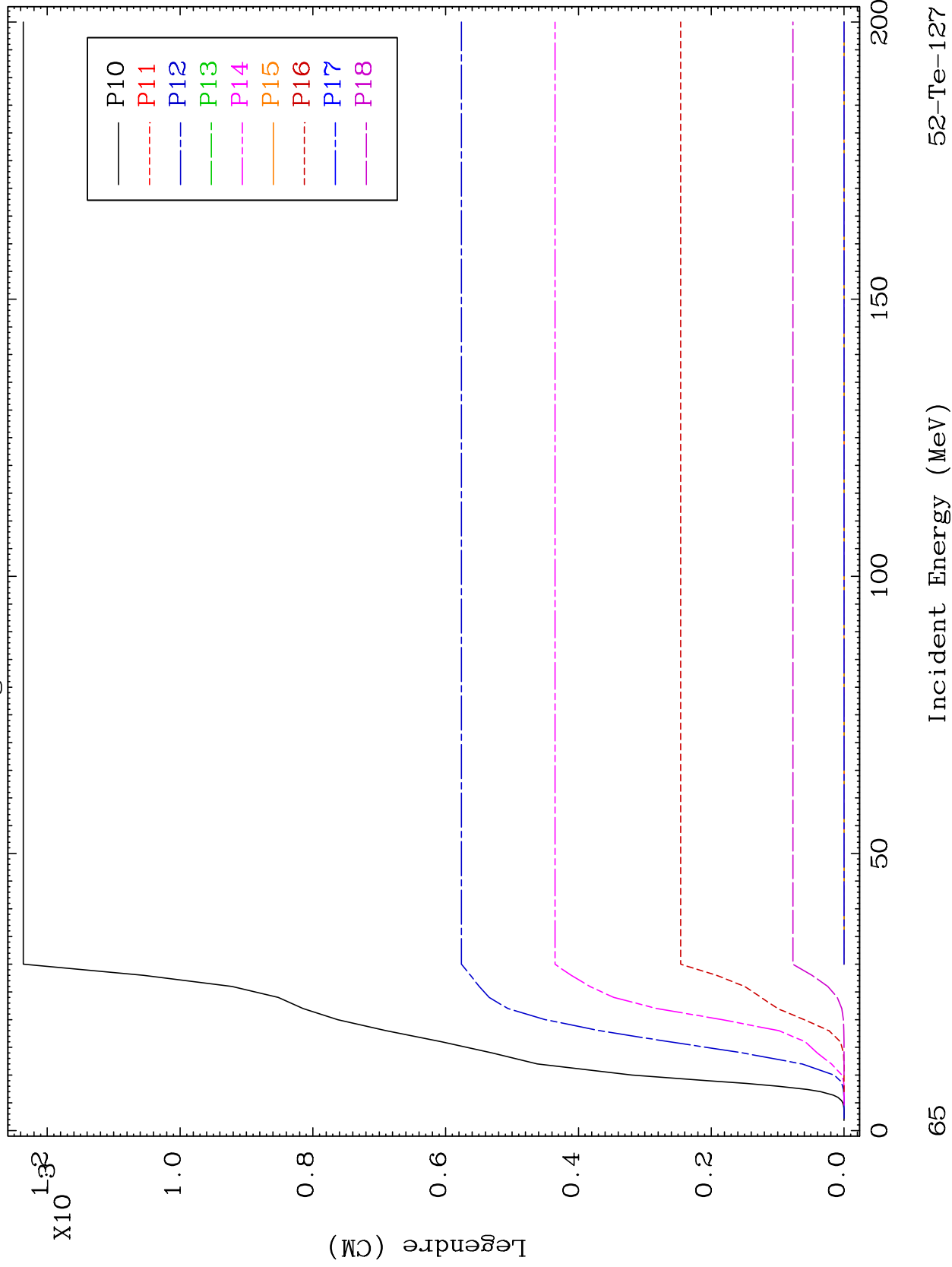




MAT 5246

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

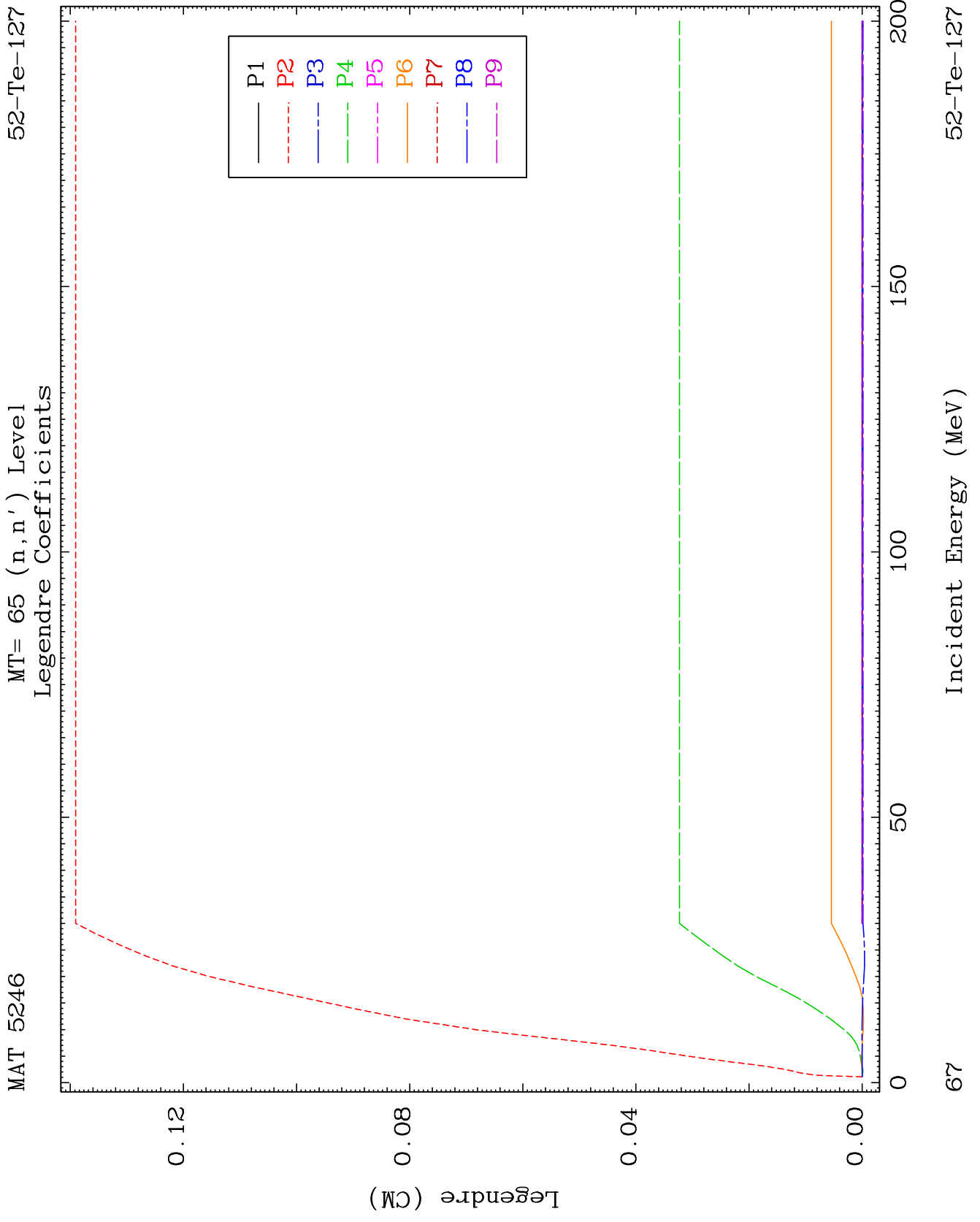
52-Te-127



52-Te-127

Incident Energy (MeV)

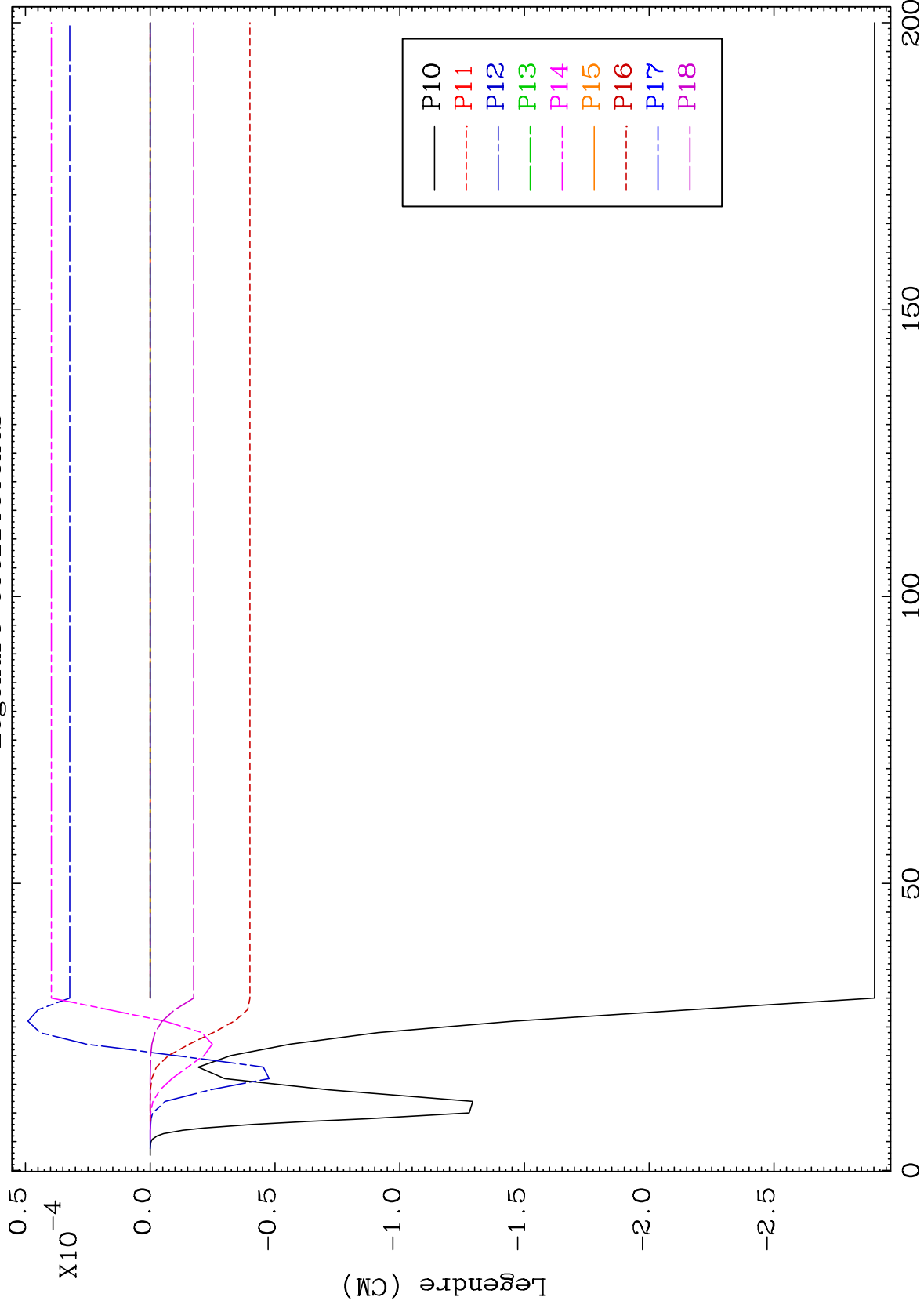
65



MAT 5246

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

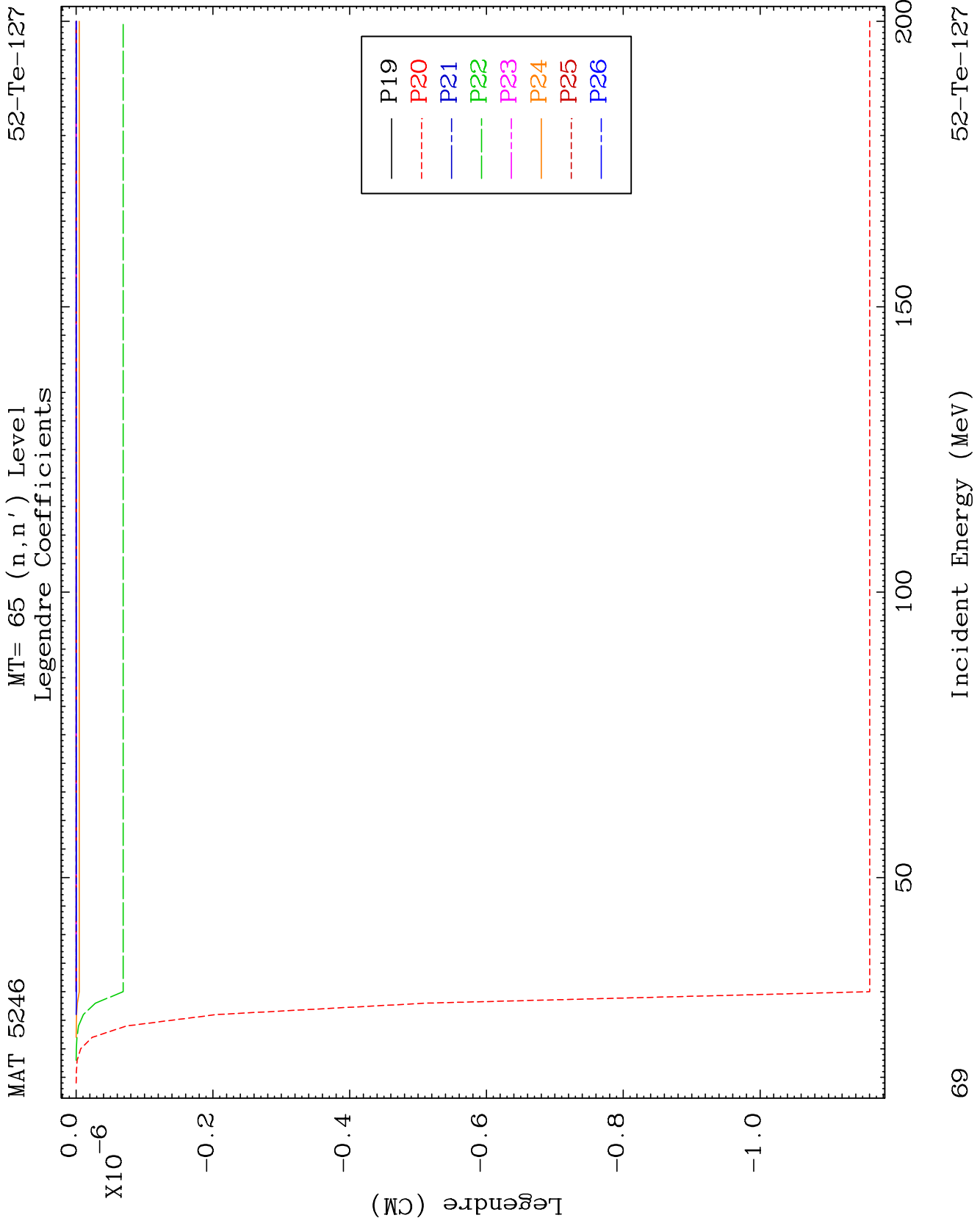
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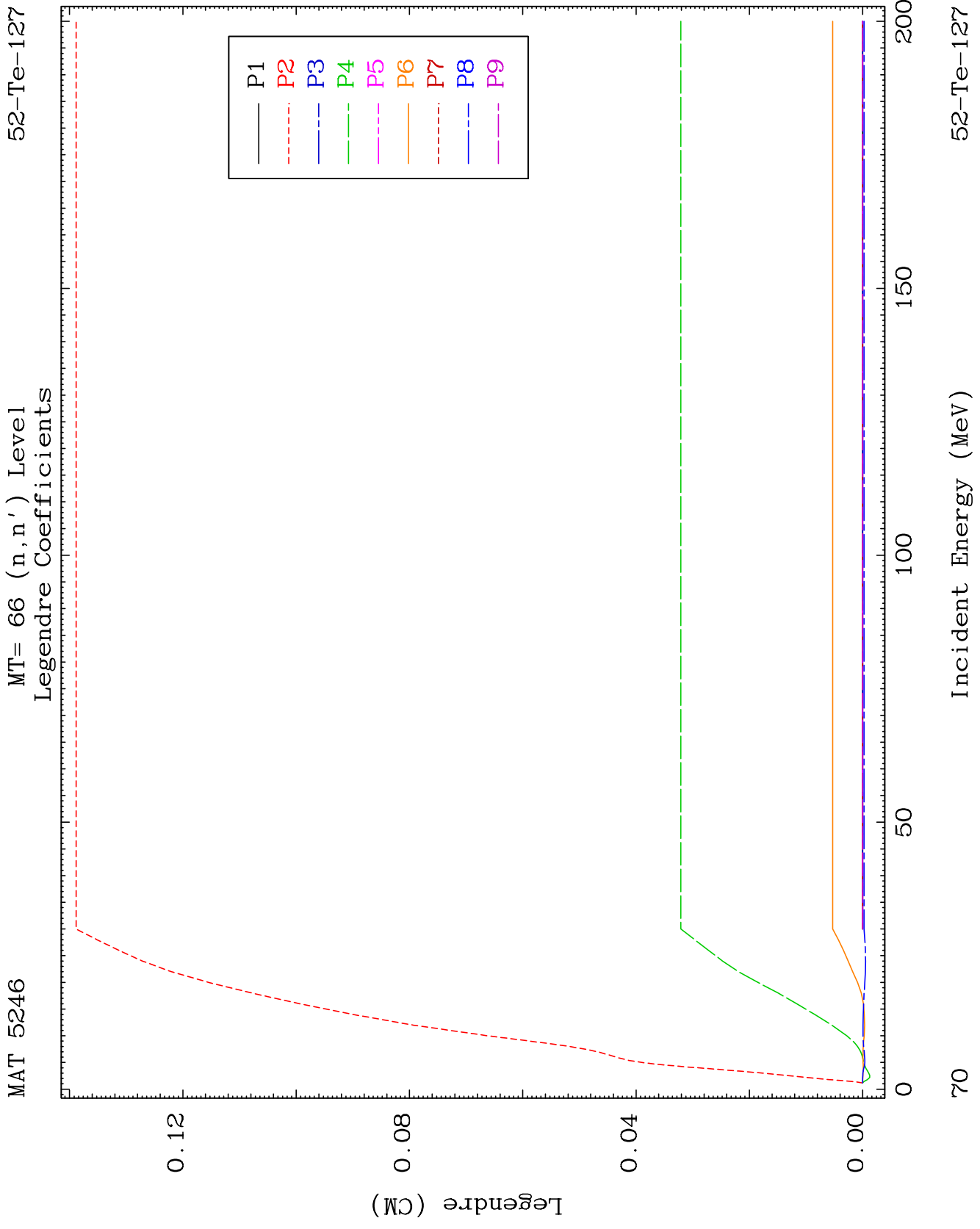


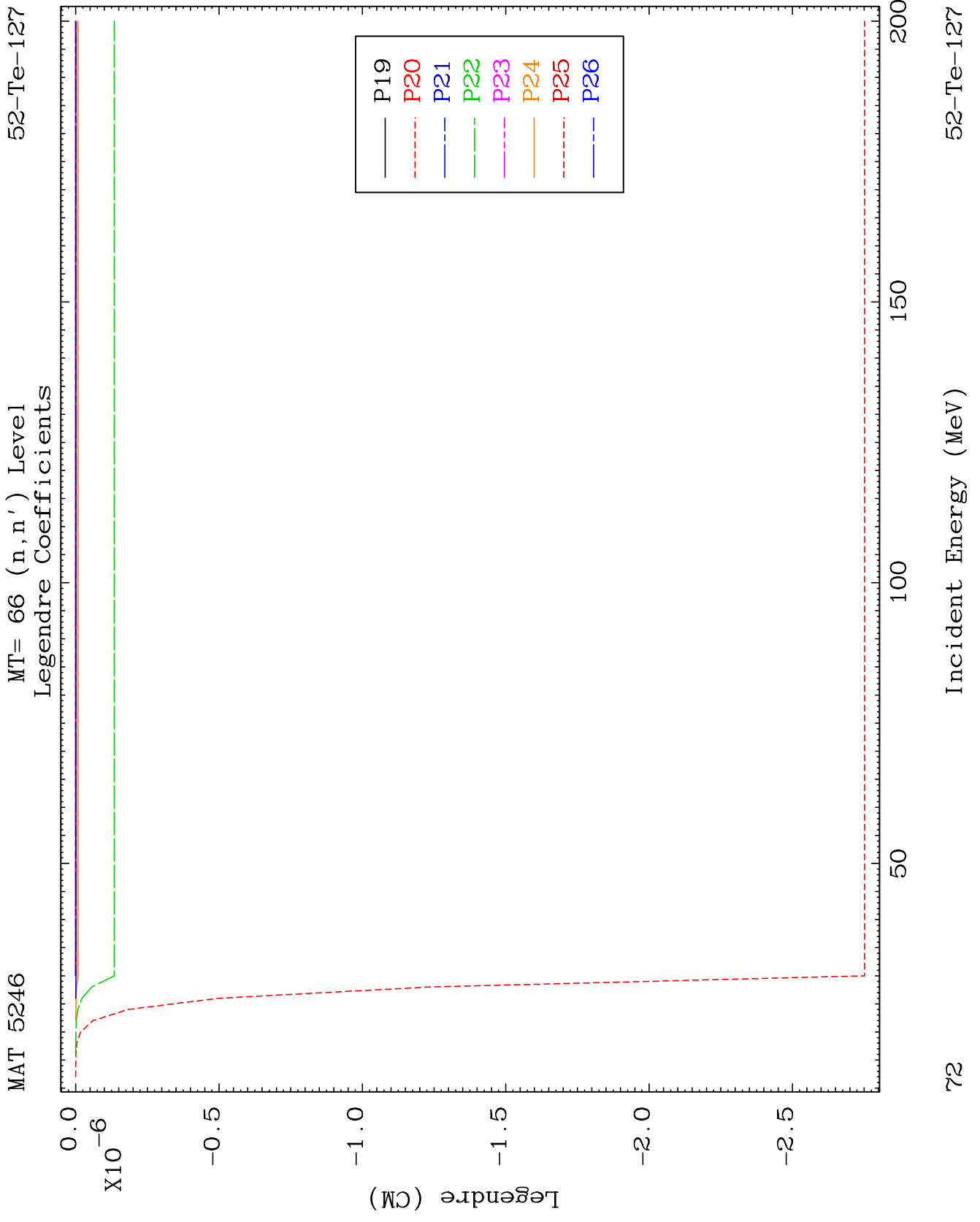
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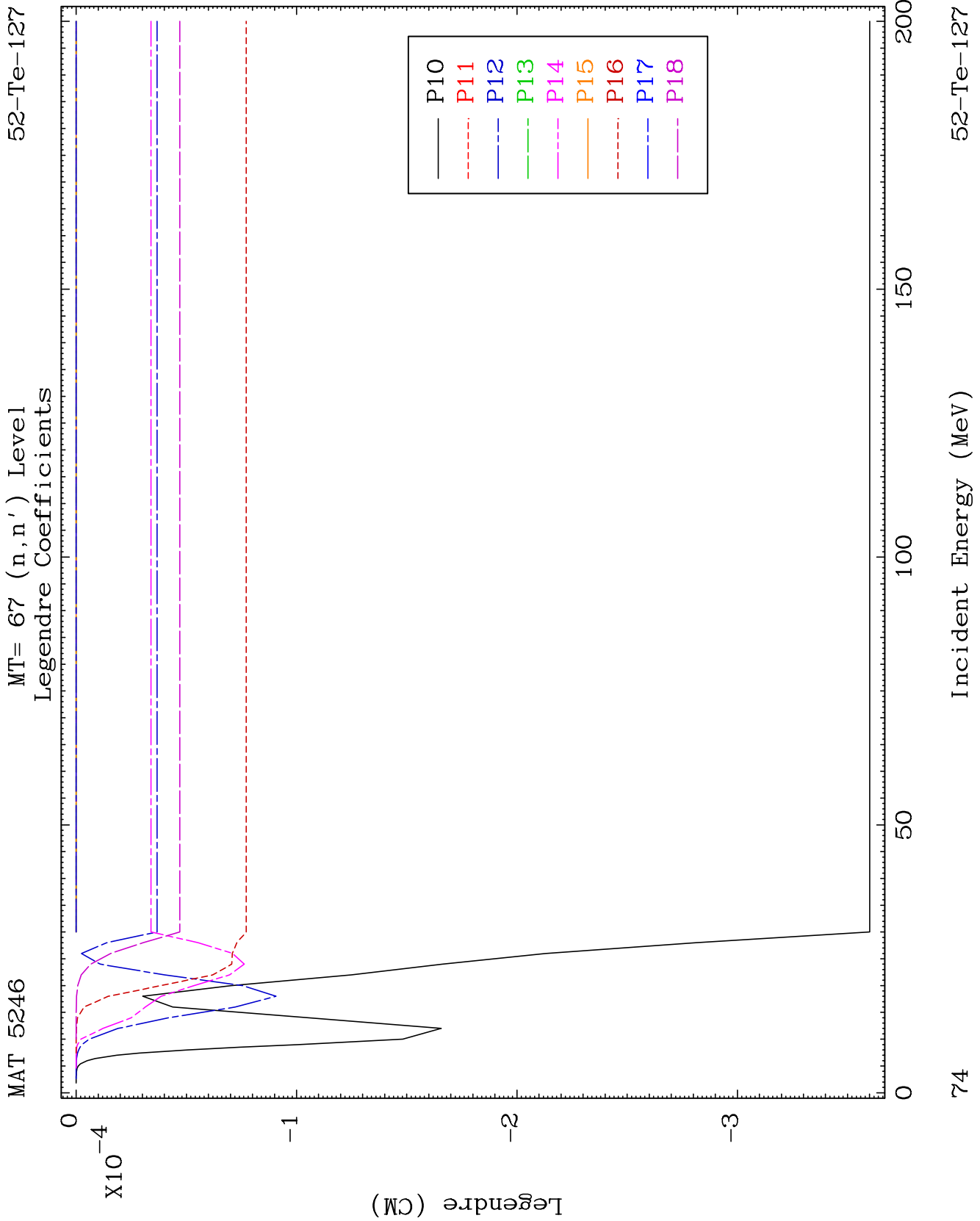
Incident Energy (MeV)

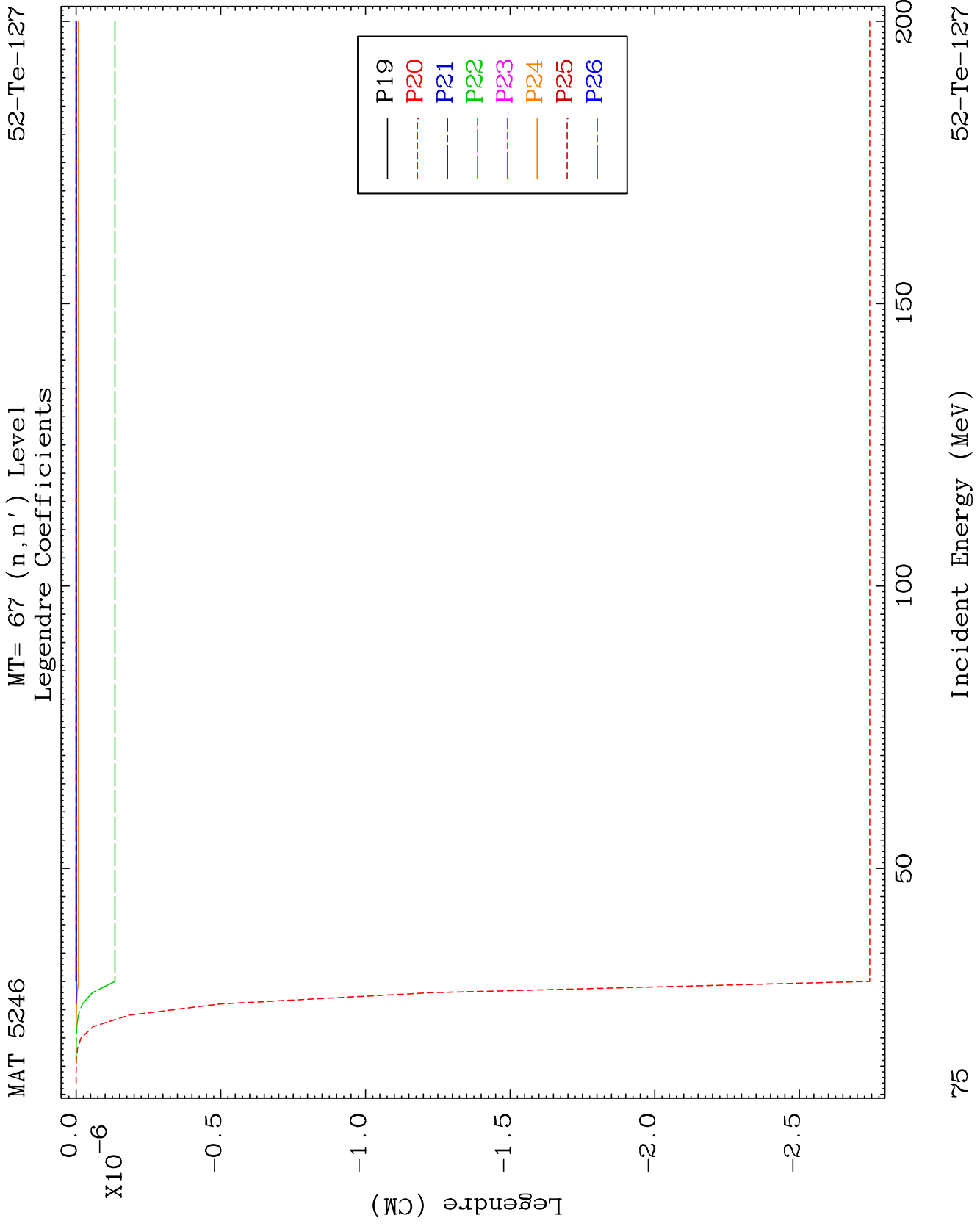
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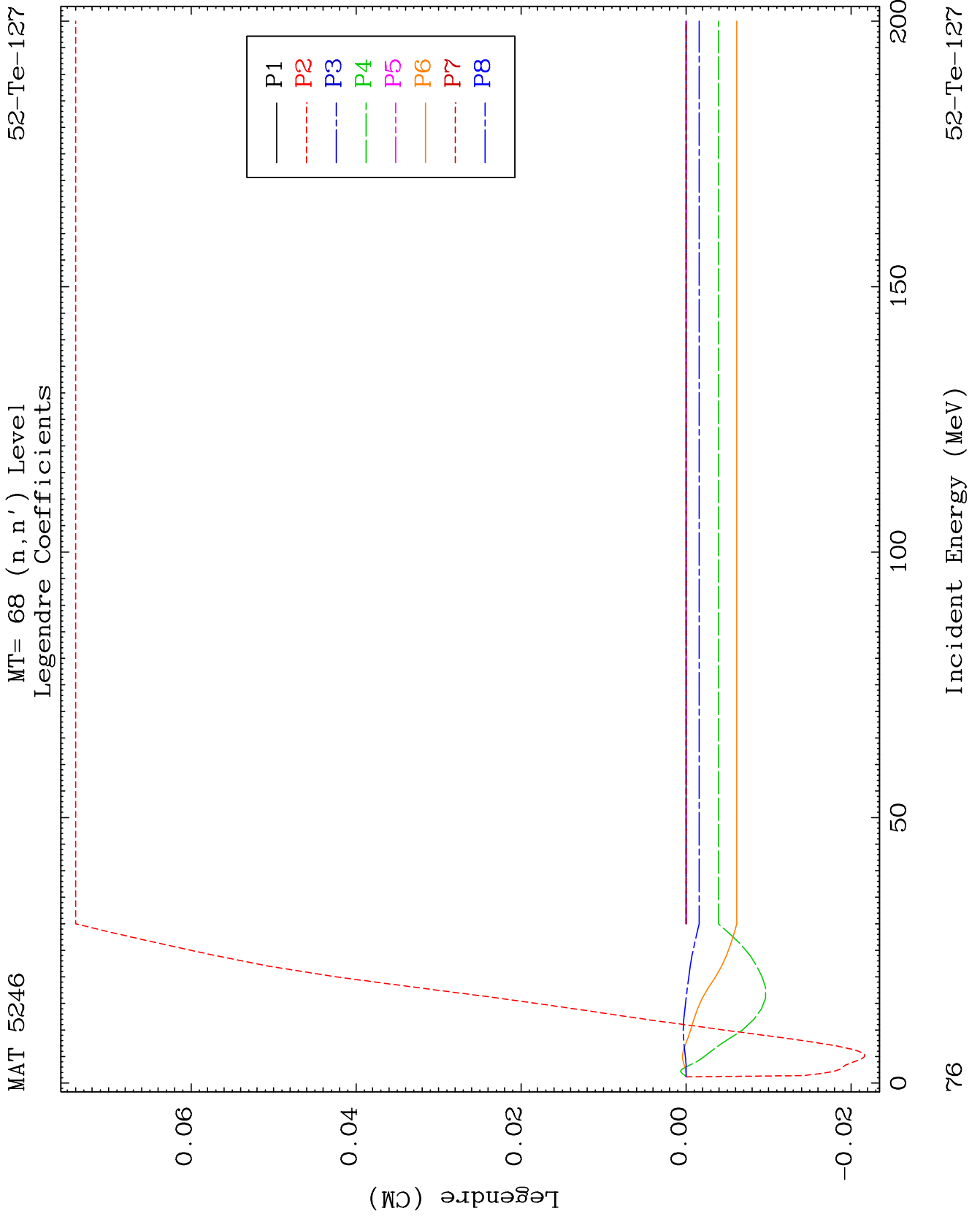








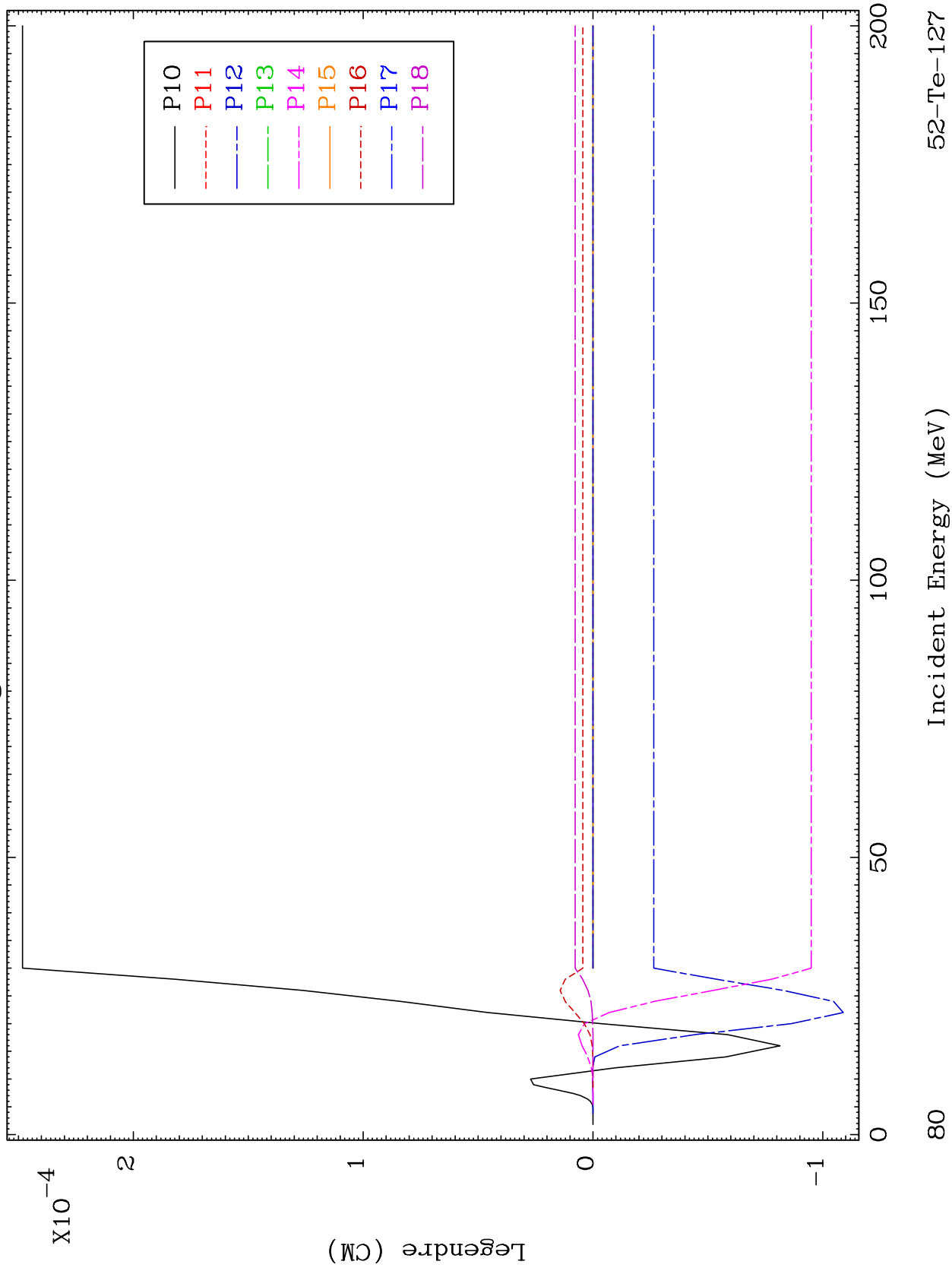


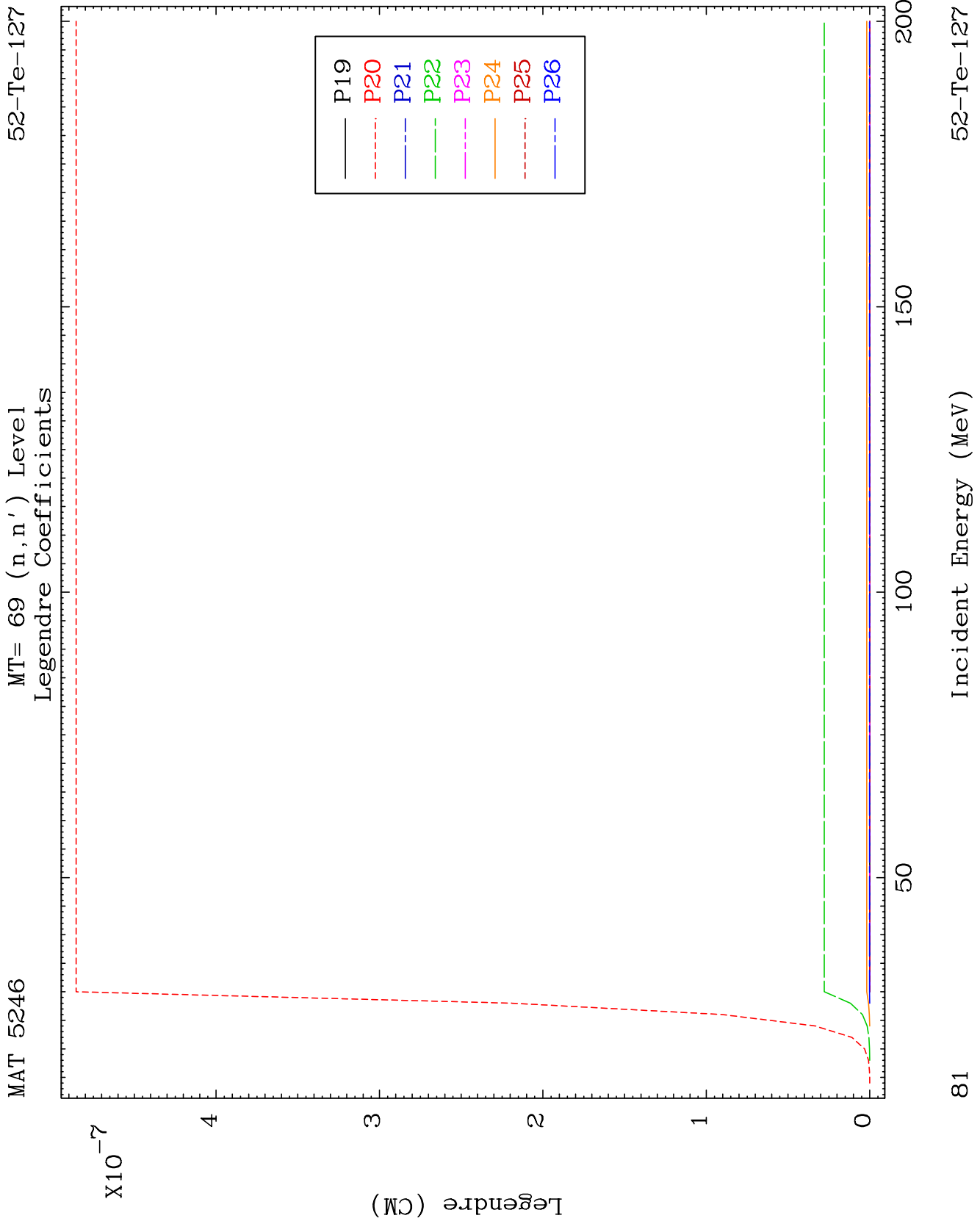


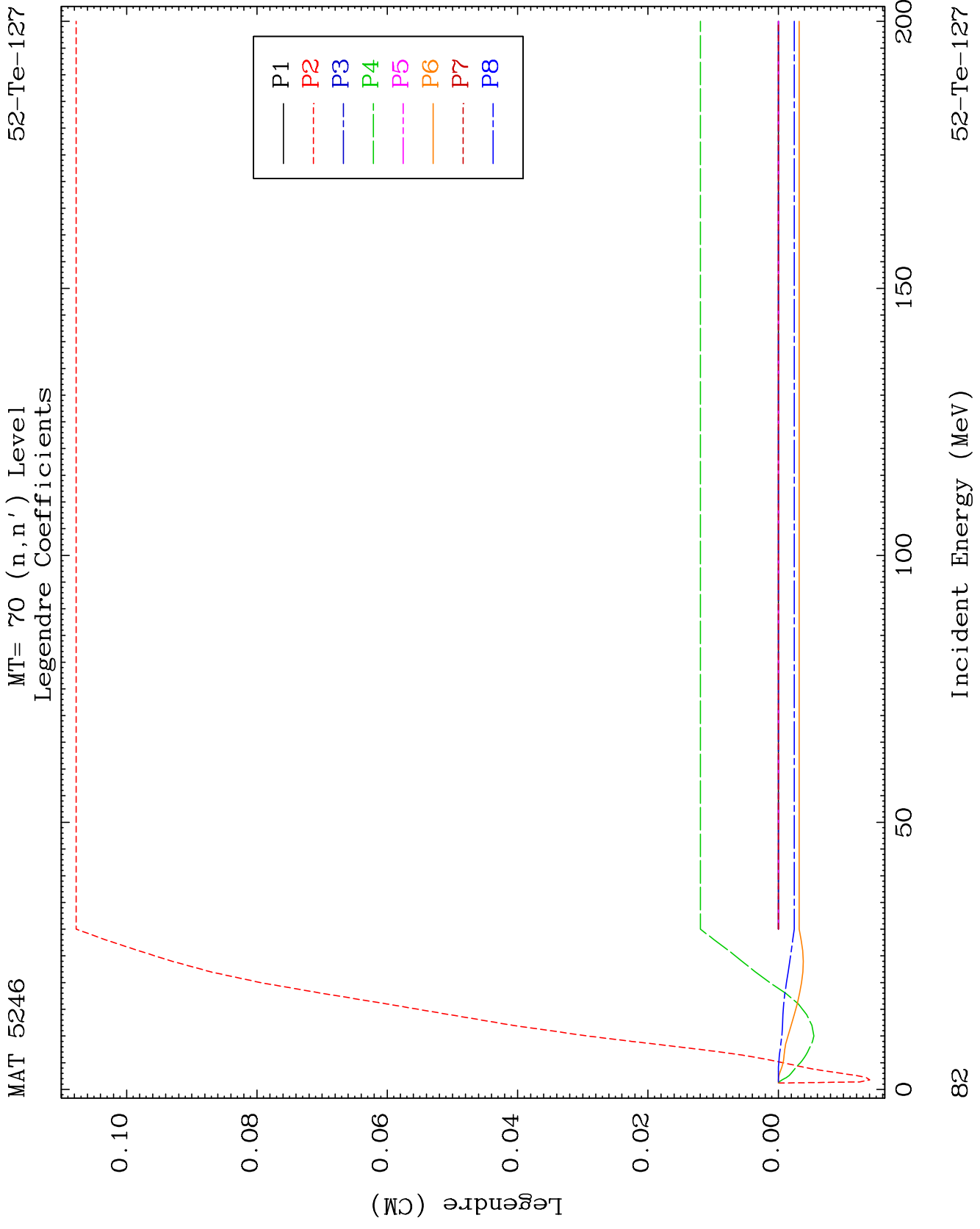
MAT 5246

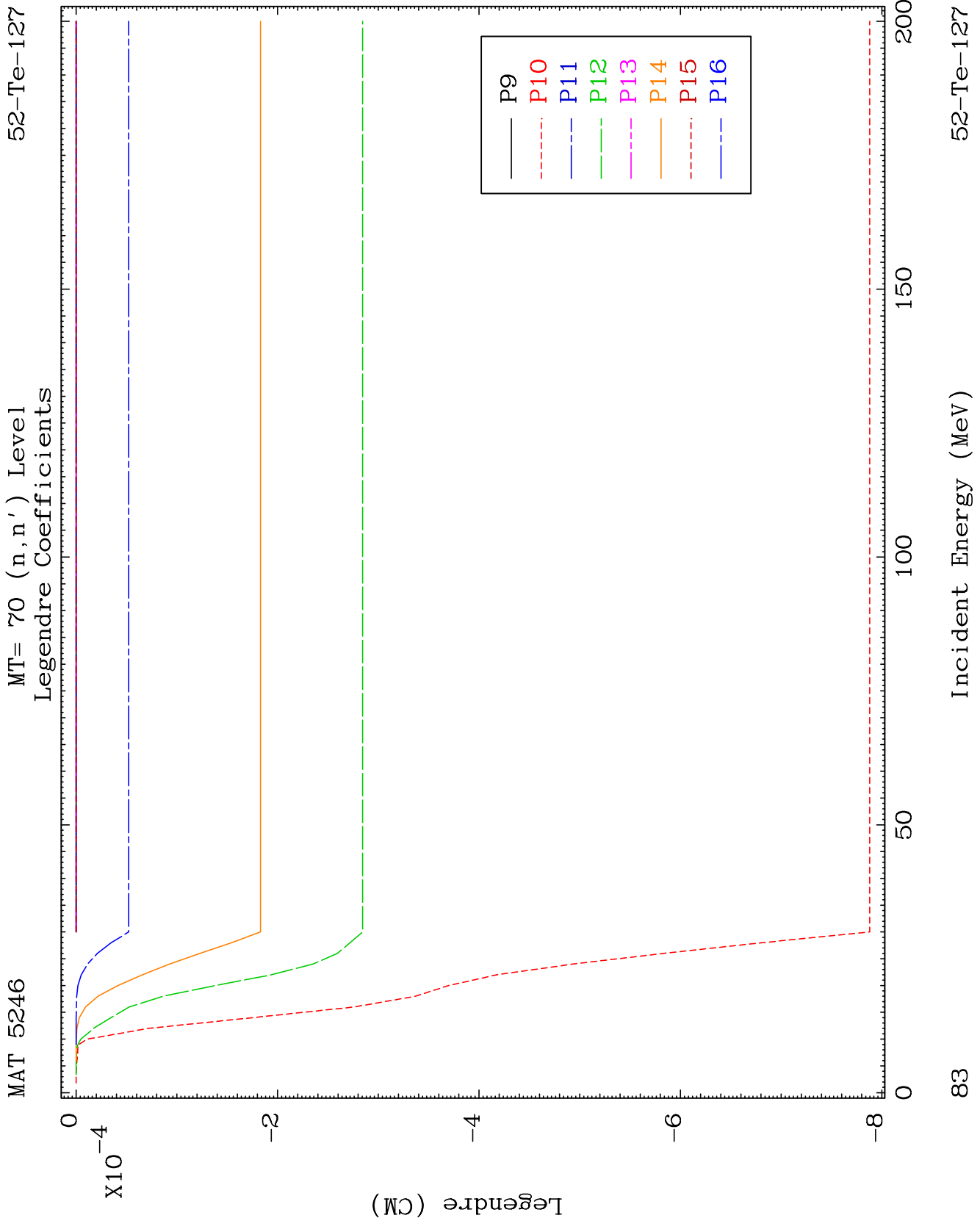
MT= 69 (n,n') Level
Legendre Coefficients

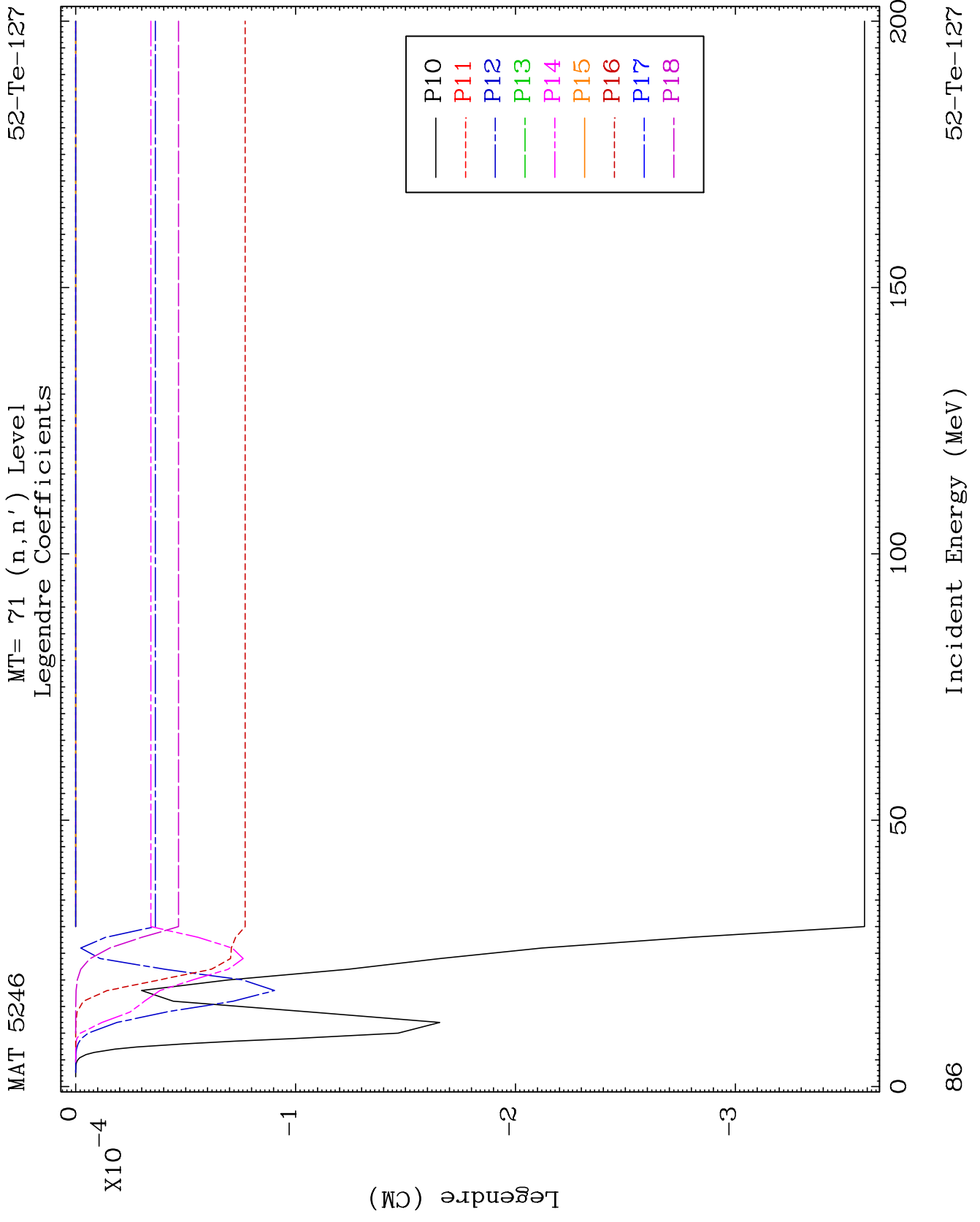
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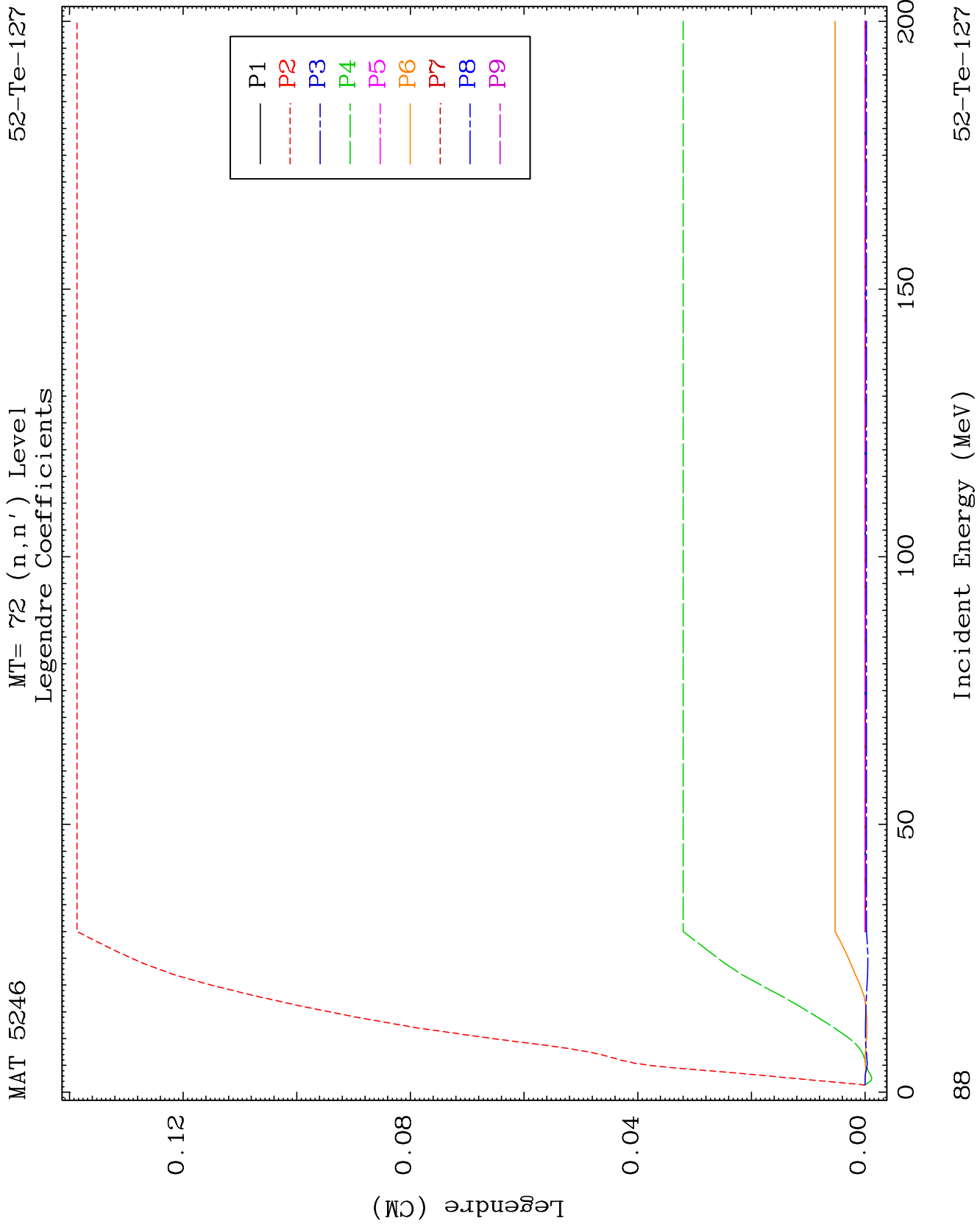


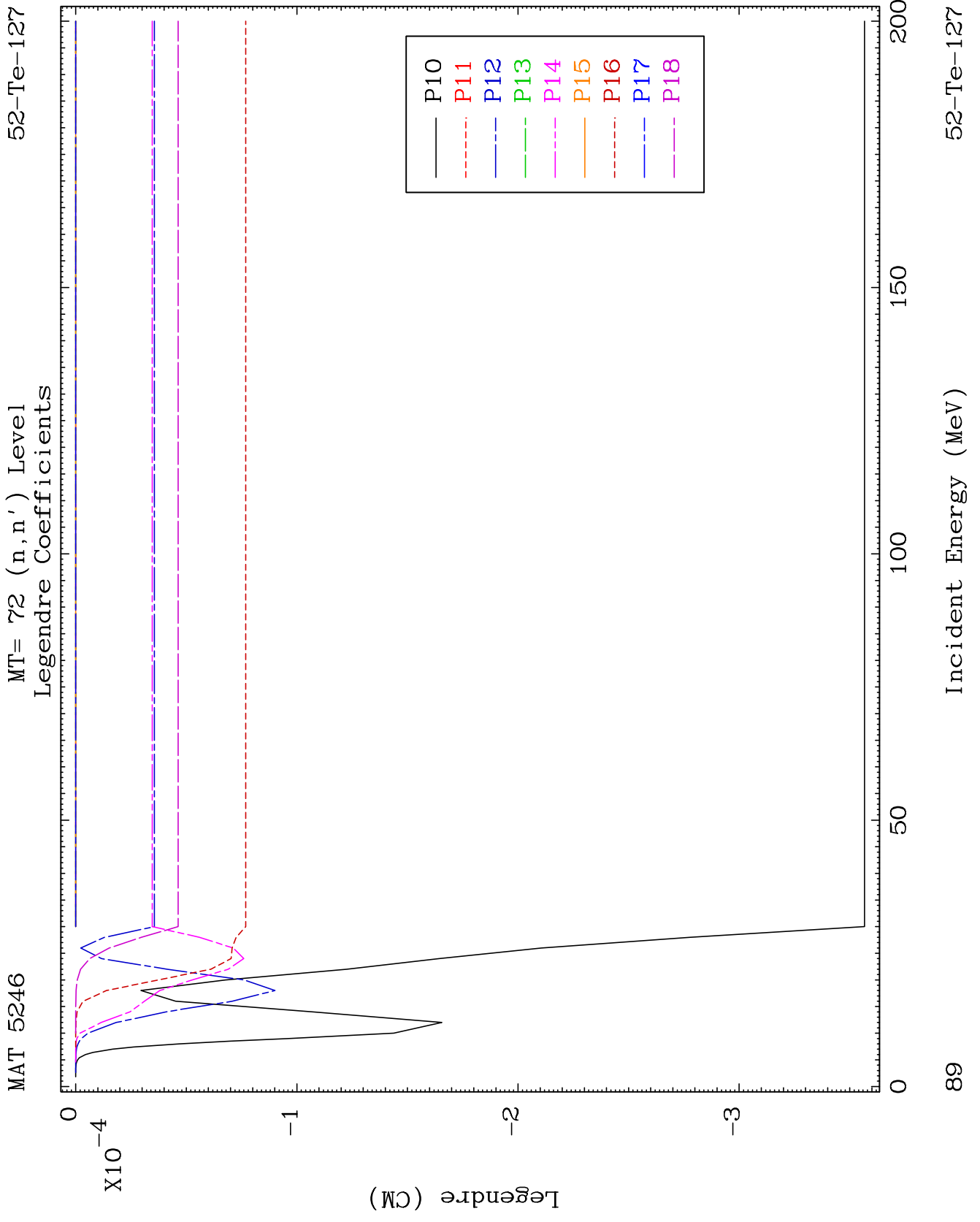


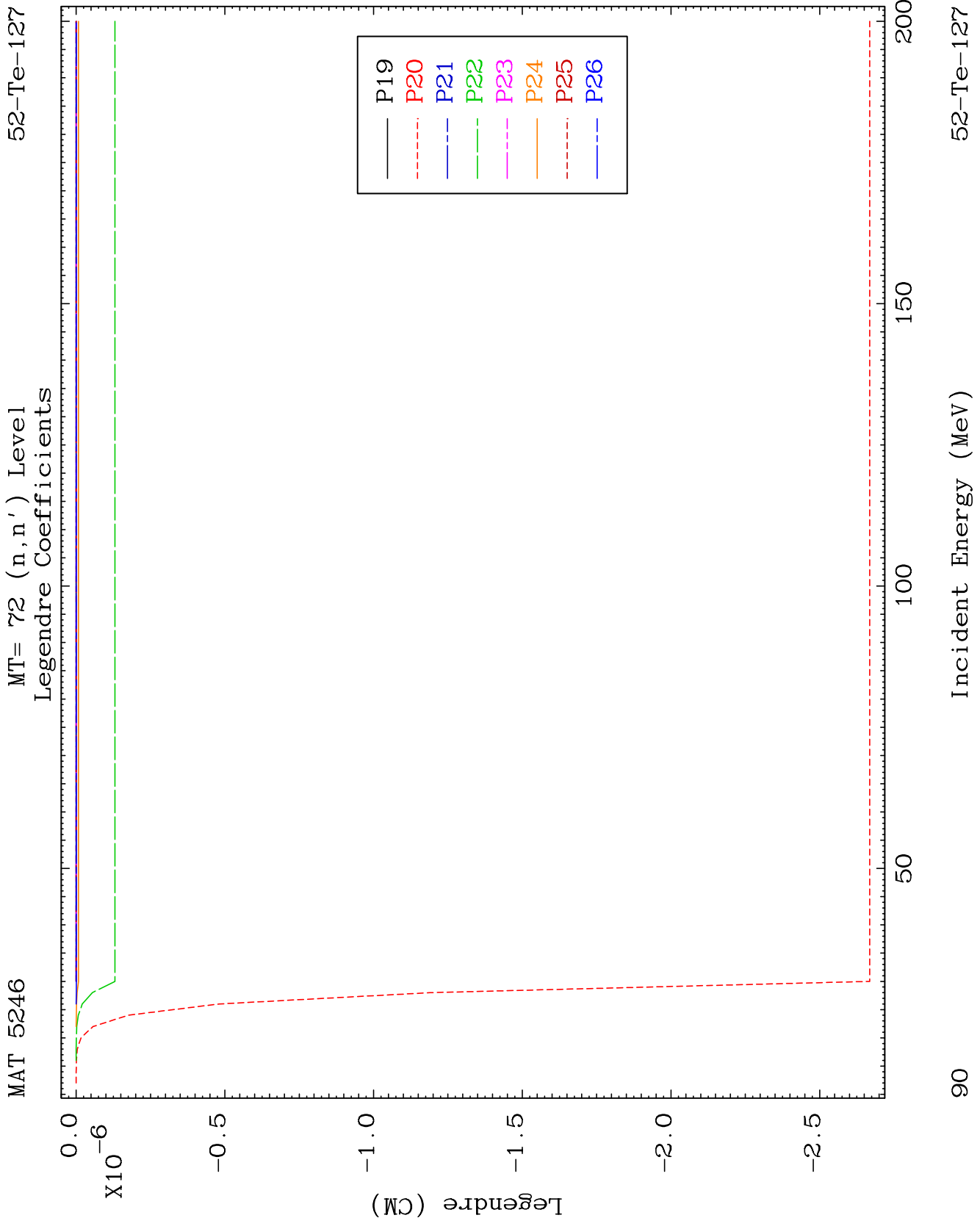








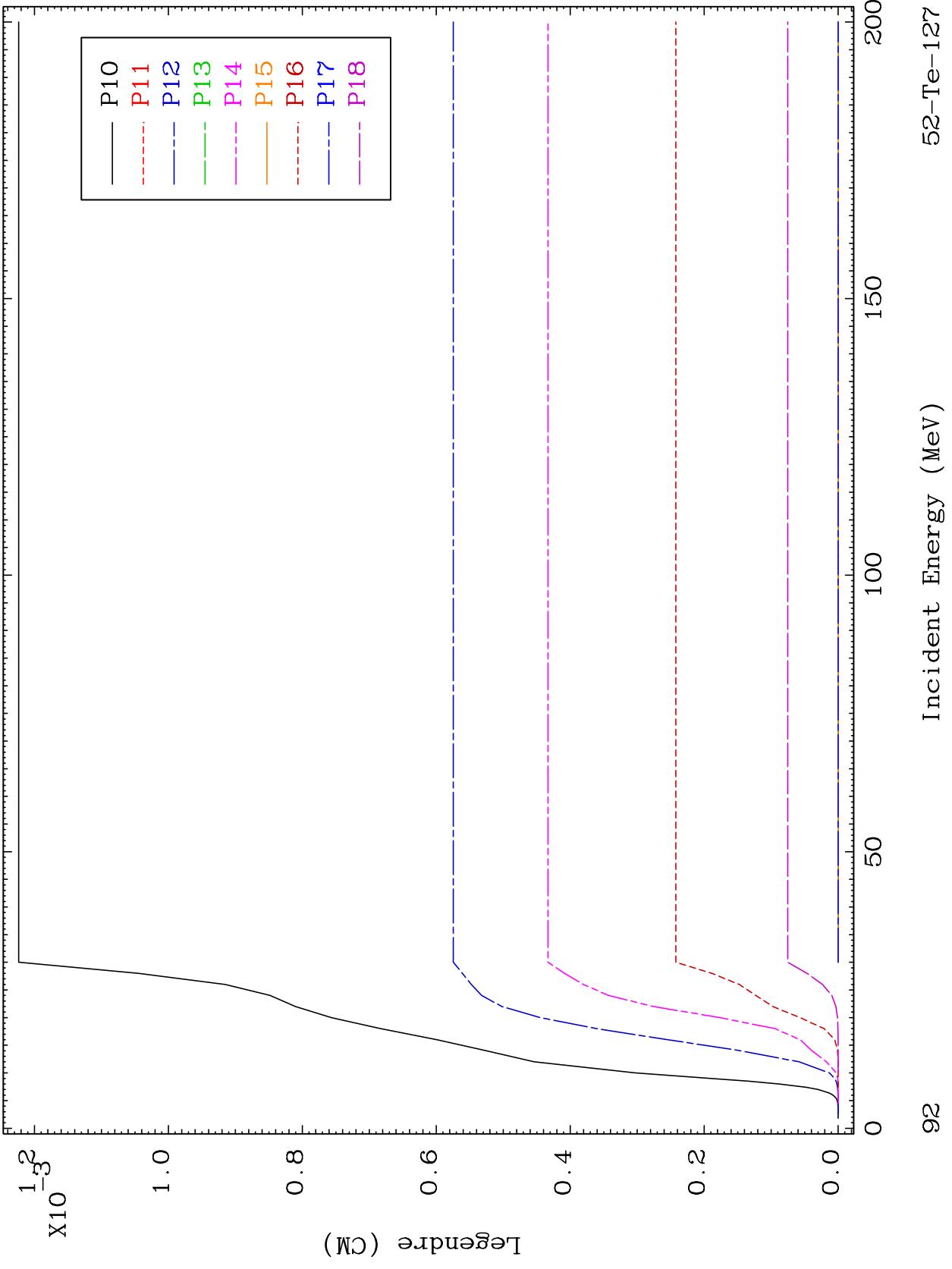


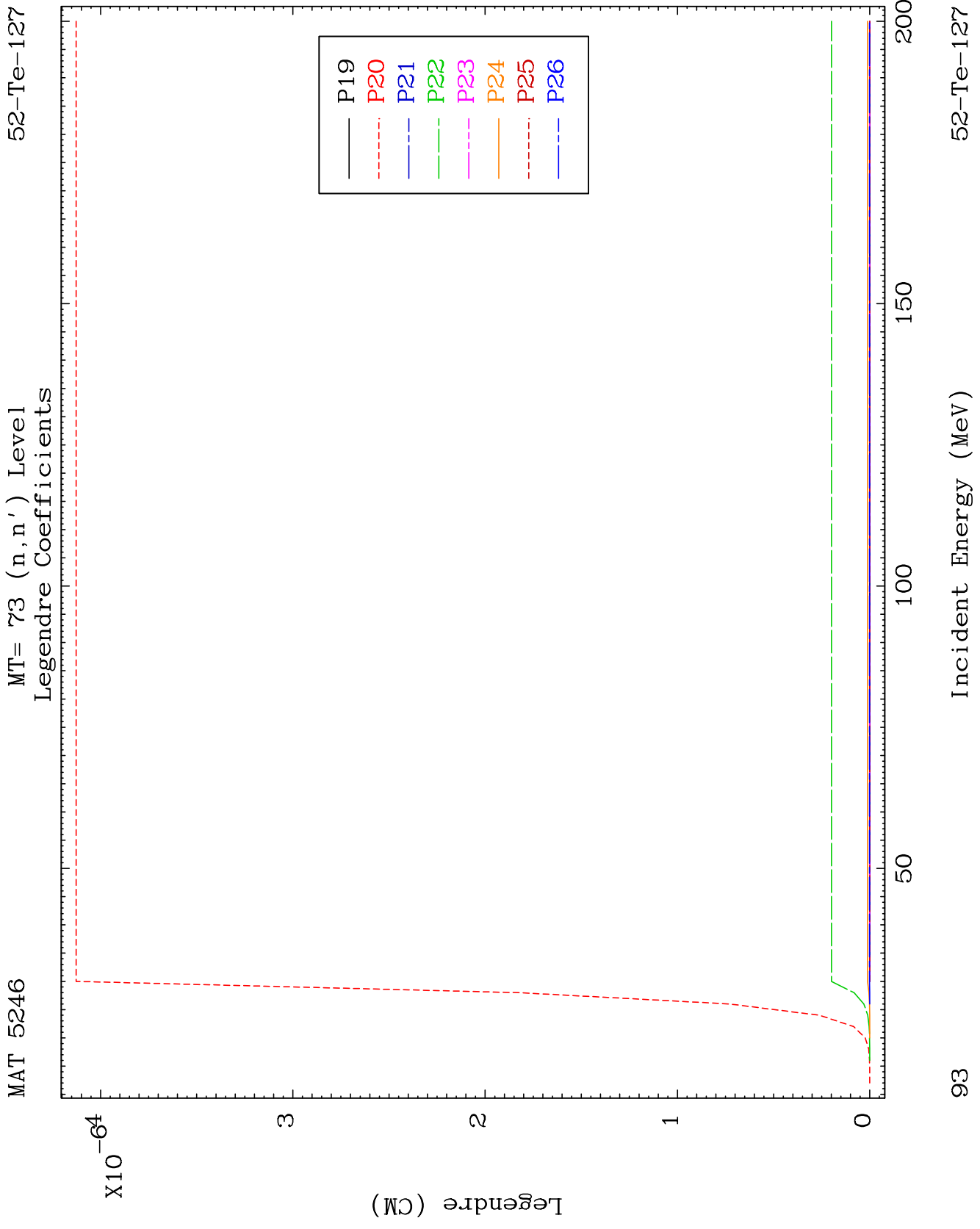


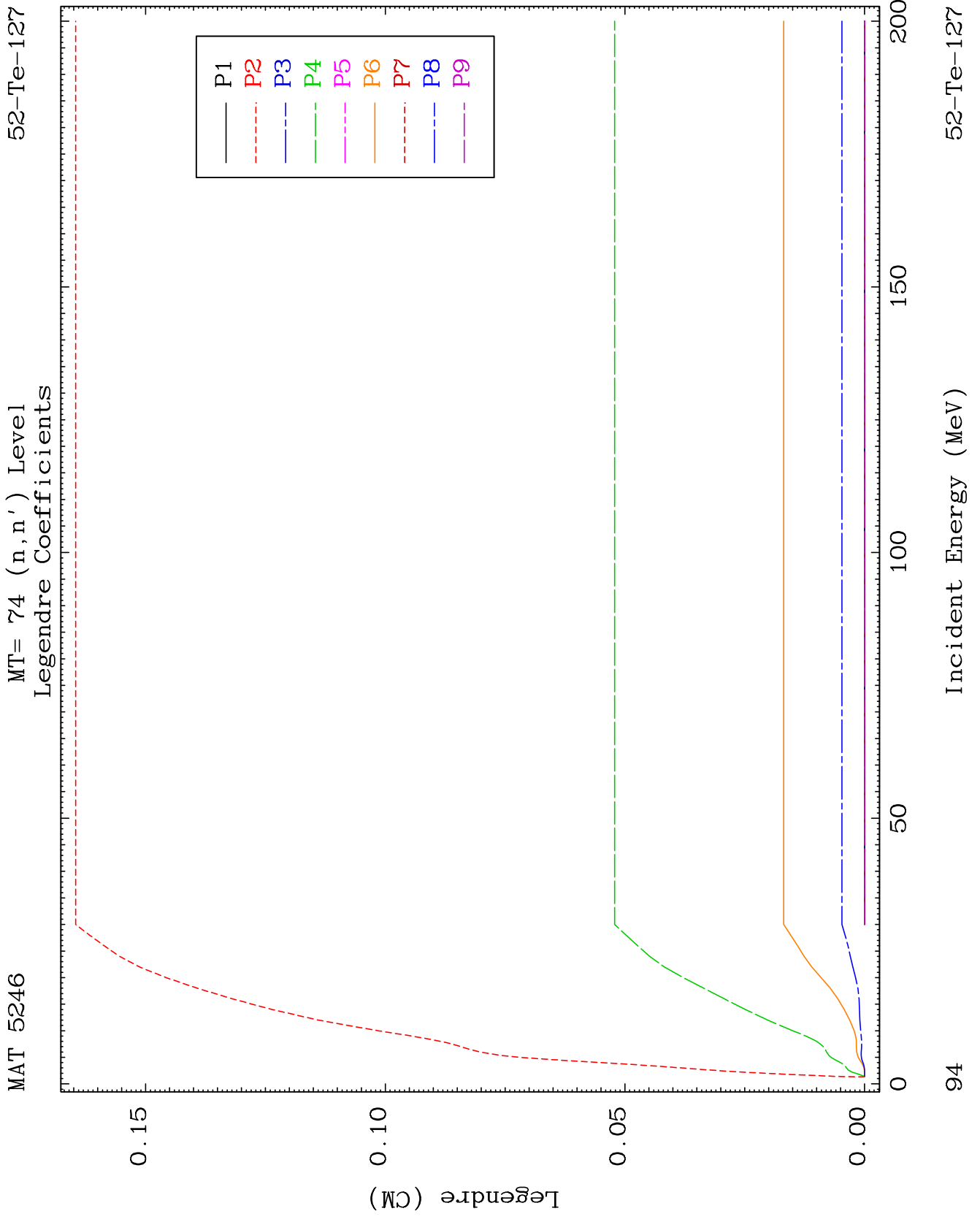
MAT 5246

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

52-Te-127



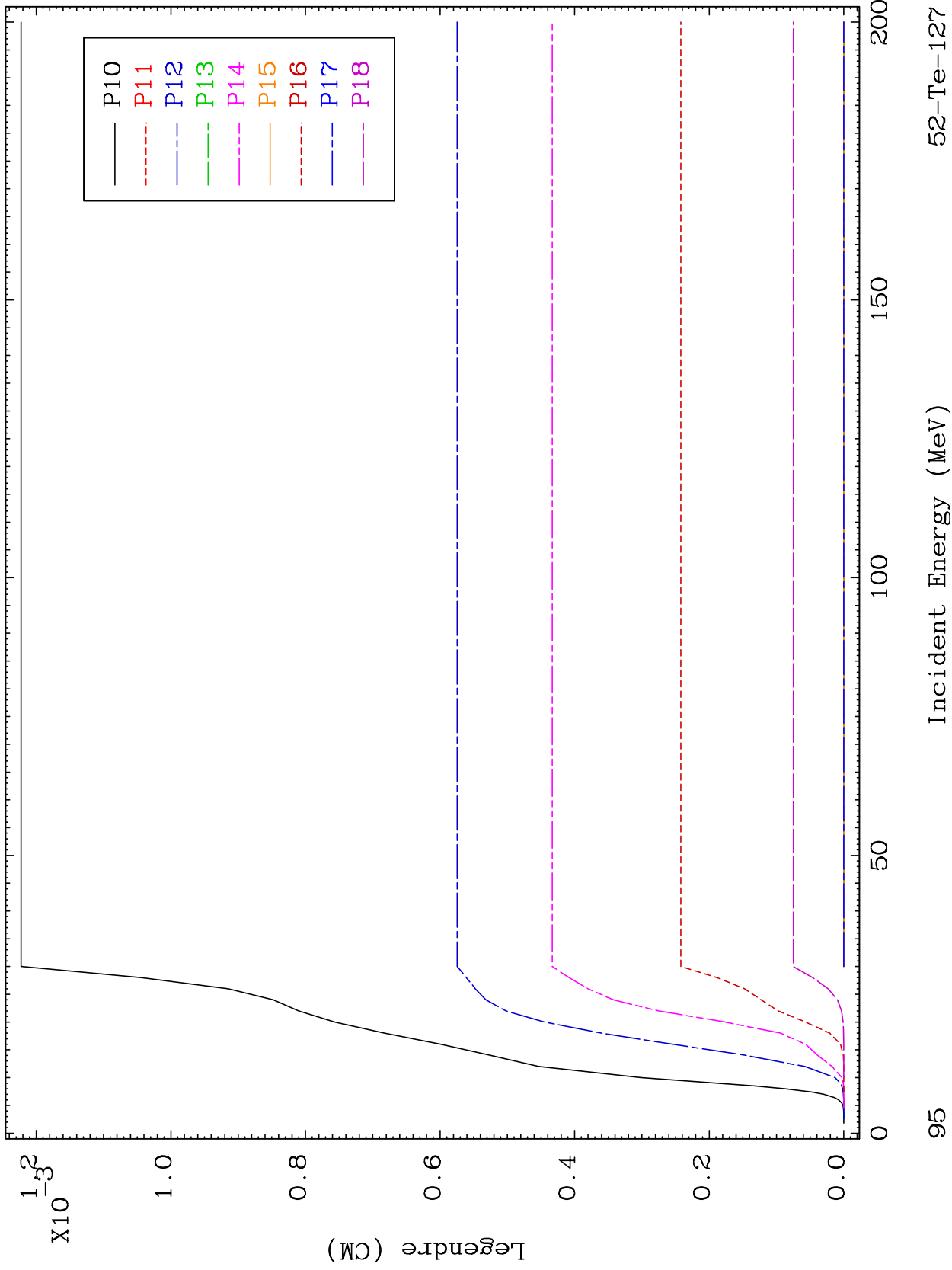




MAT 5246

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

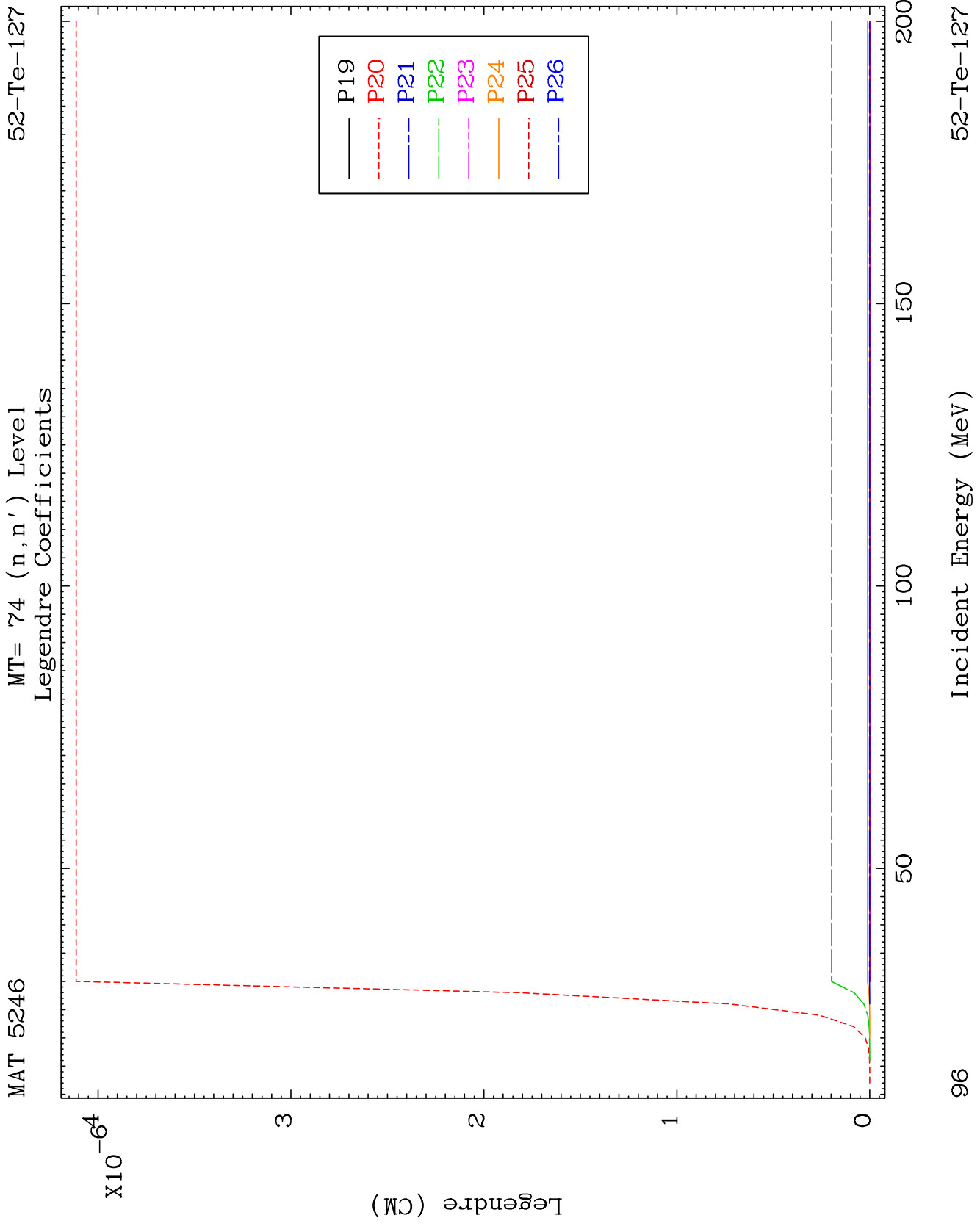
52-Te-127

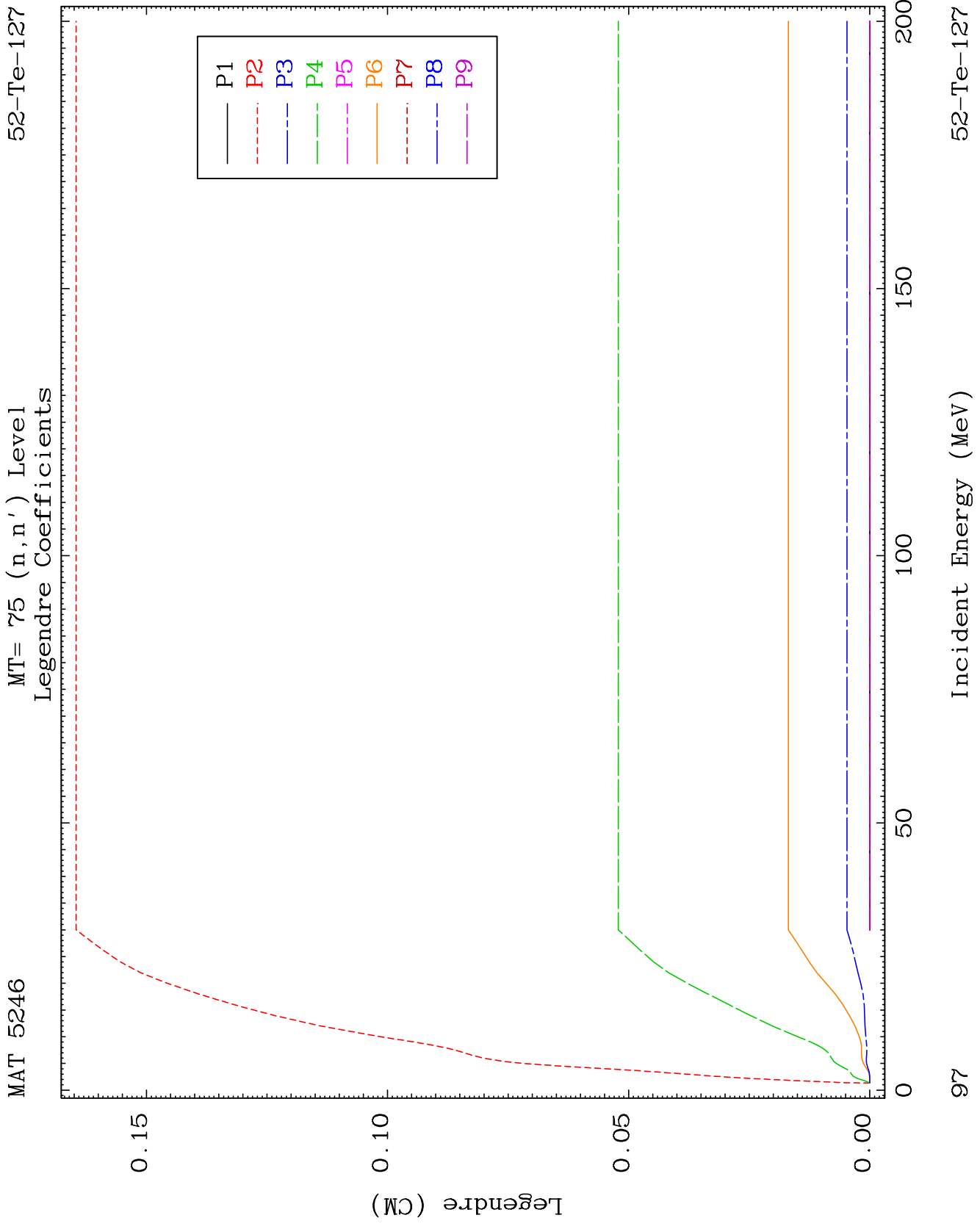


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Incident Energy (MeV)

52-Te-127

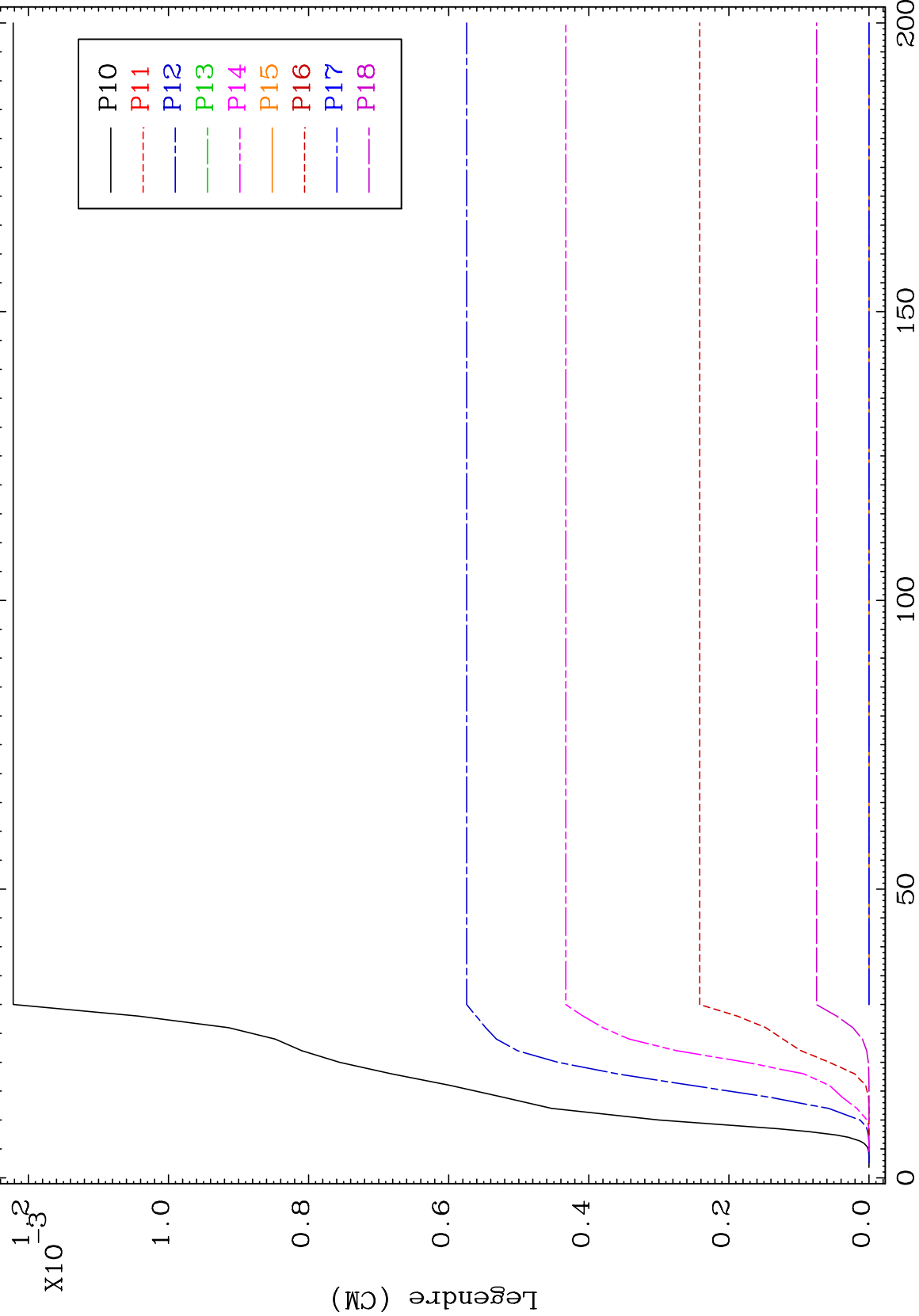




MAT 5246

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

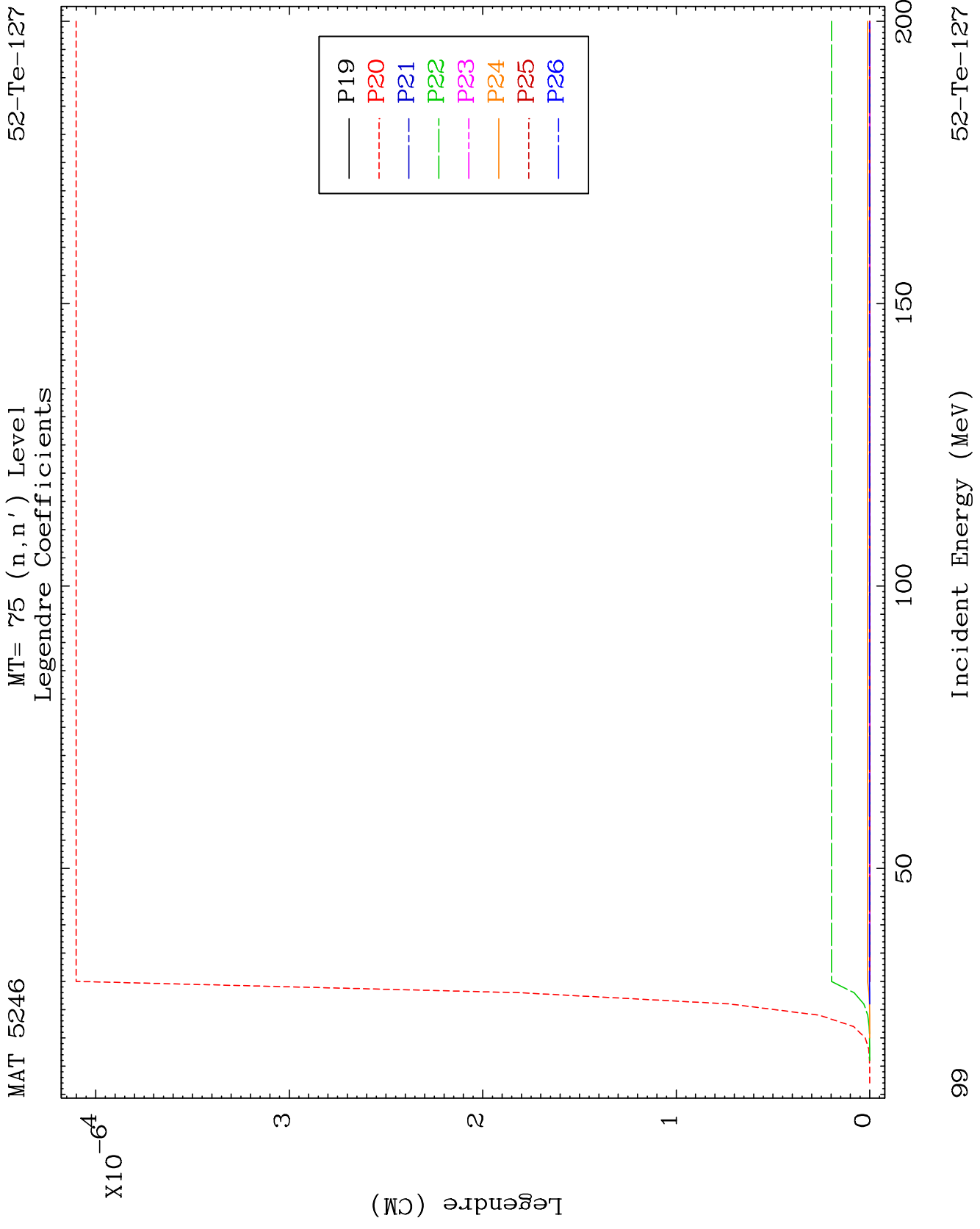
52-Te-127



98

Incident Energy (MeV)

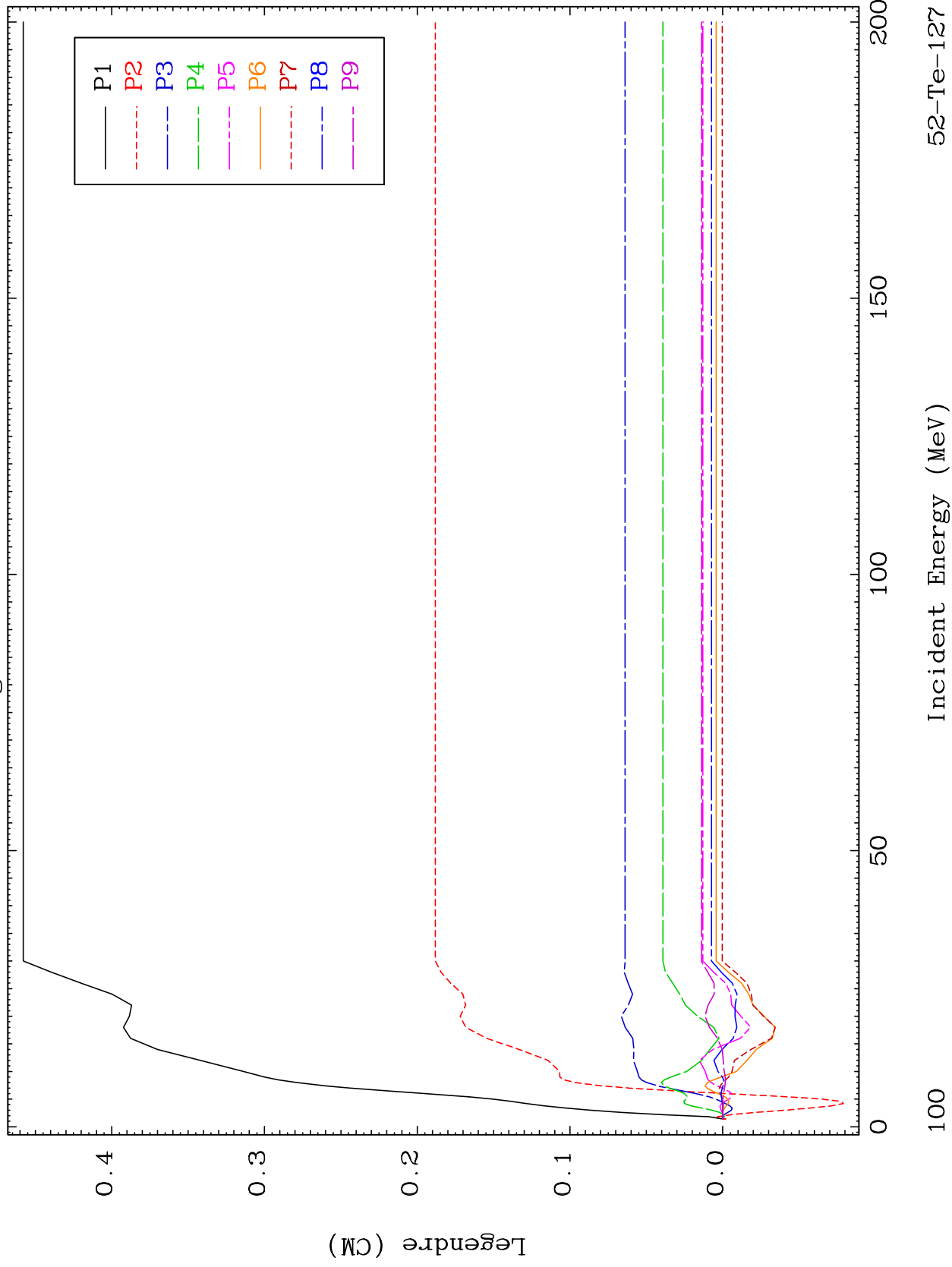
52-Te-127



MAT 5246

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

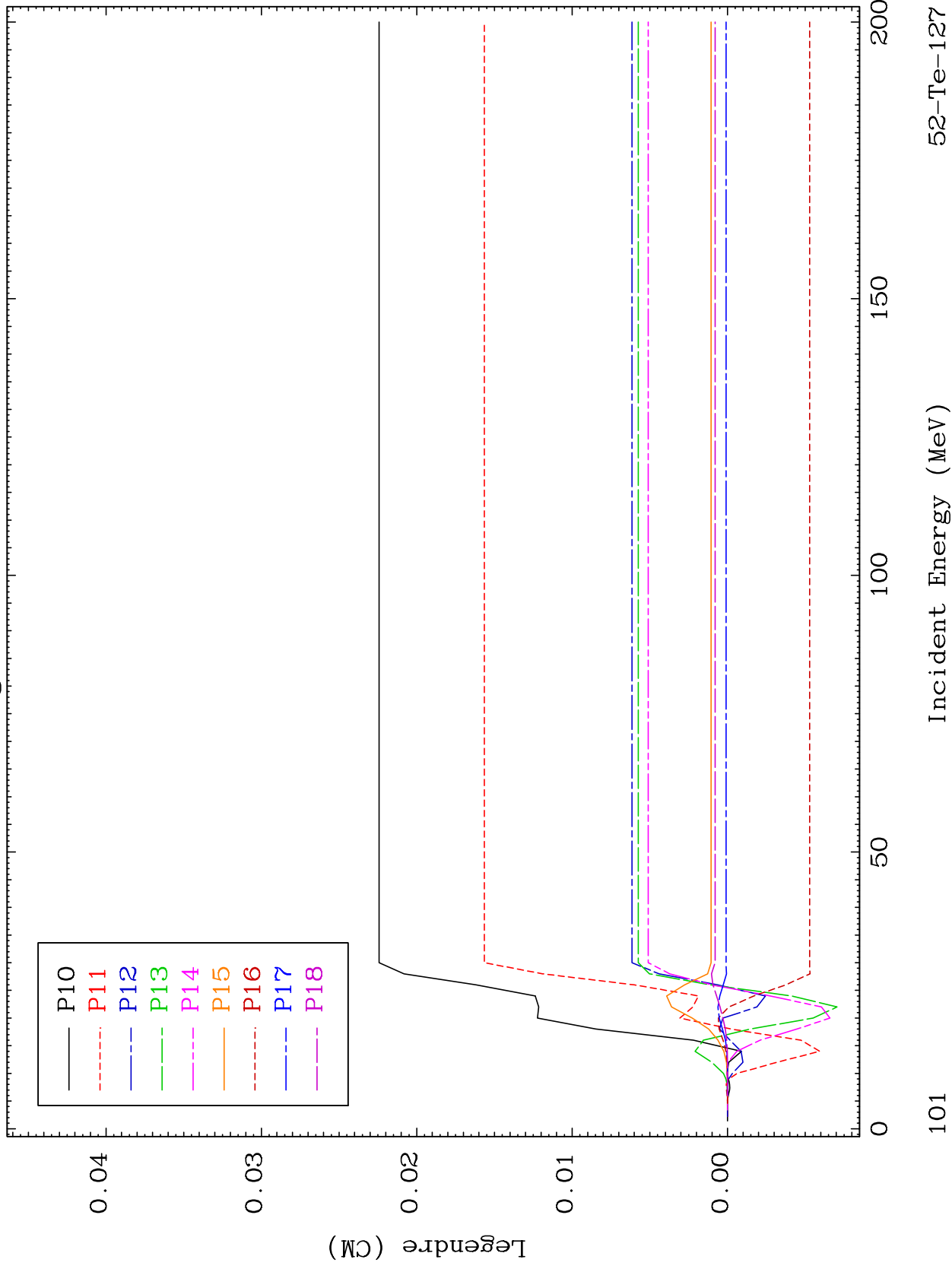
52-Te-127



MAT 5246

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

52-Te-127



101

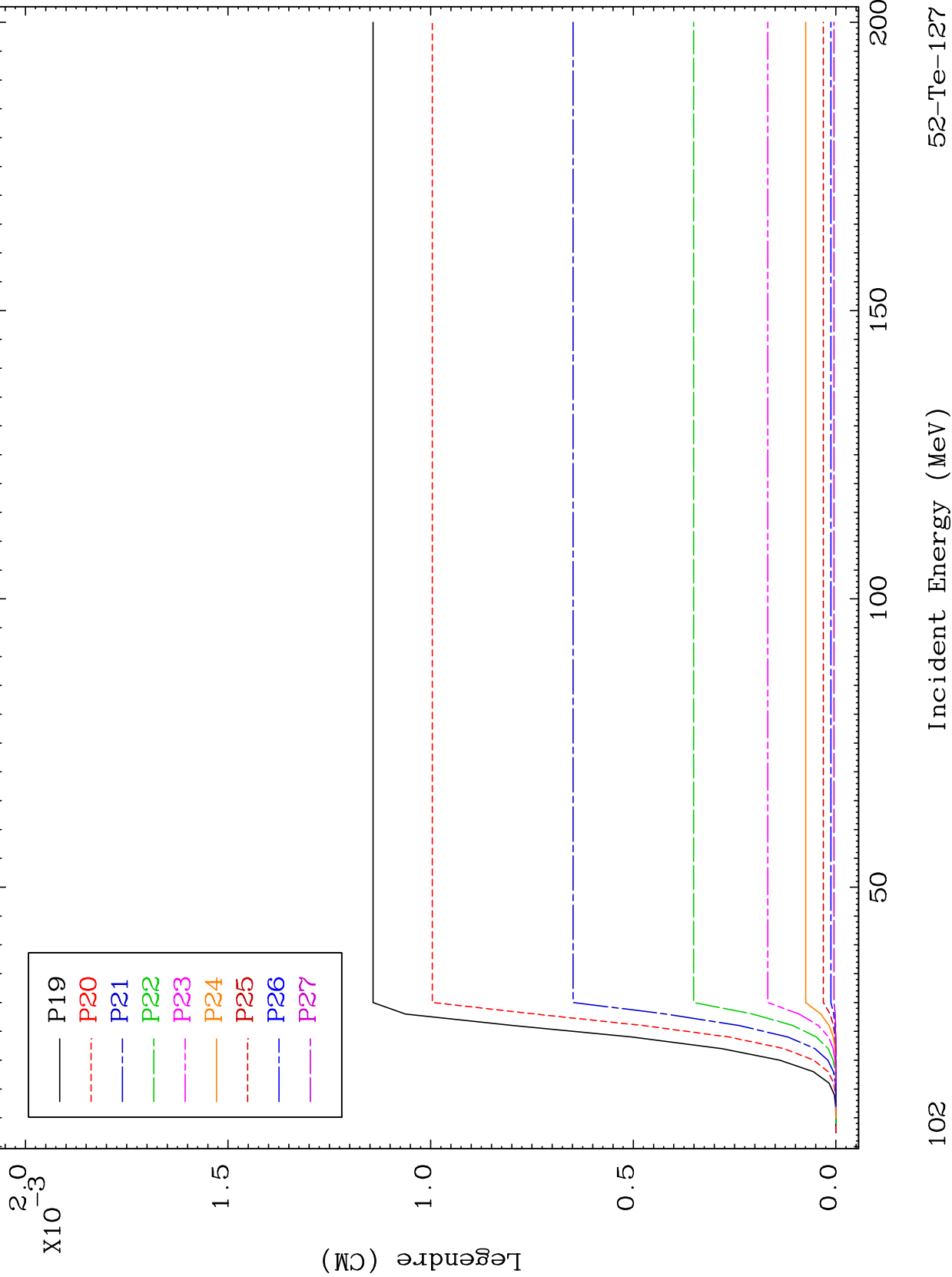
Incident Energy (MeV)

52-Te-127

MAT 5246

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

52-Te-127

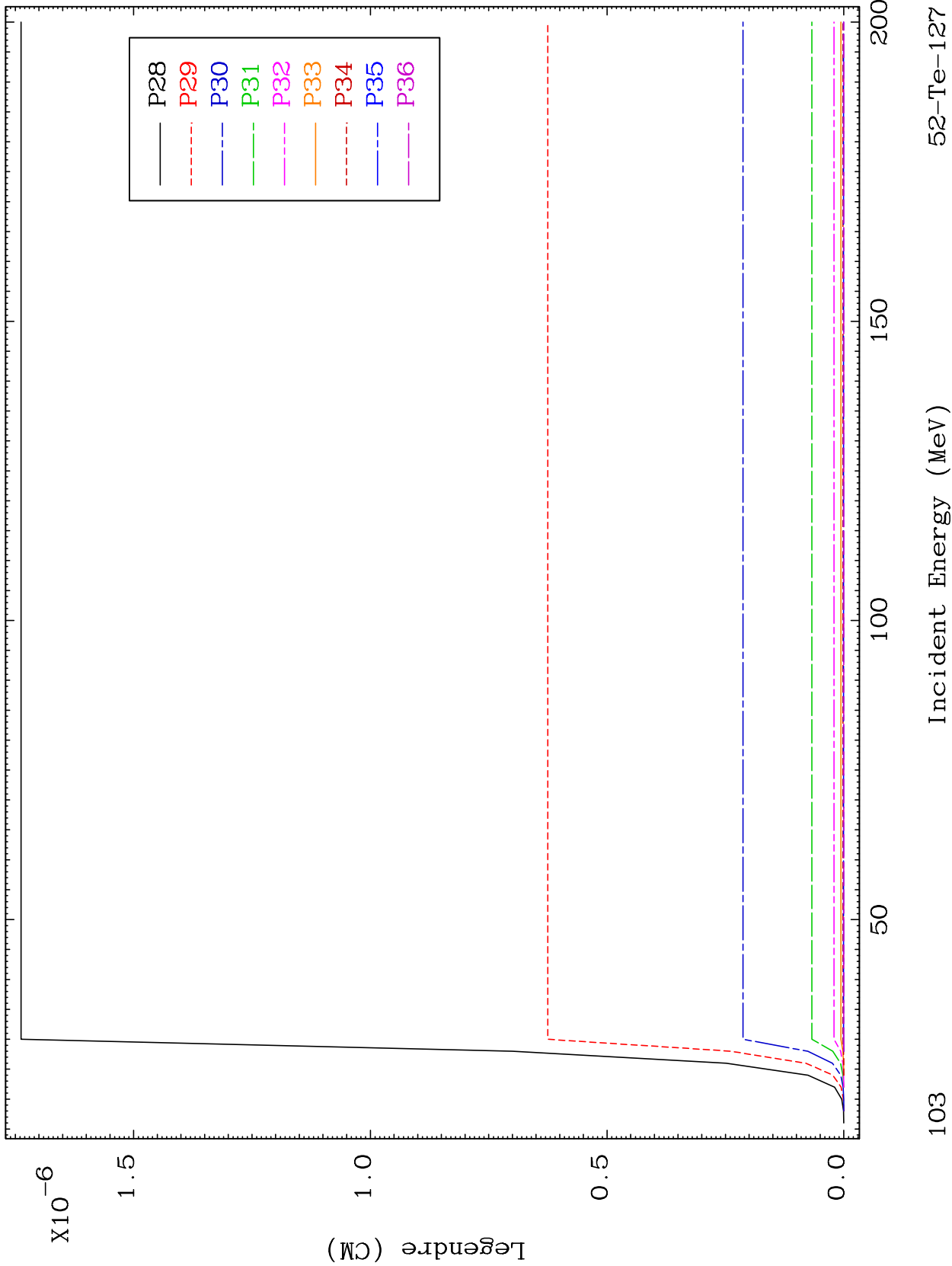


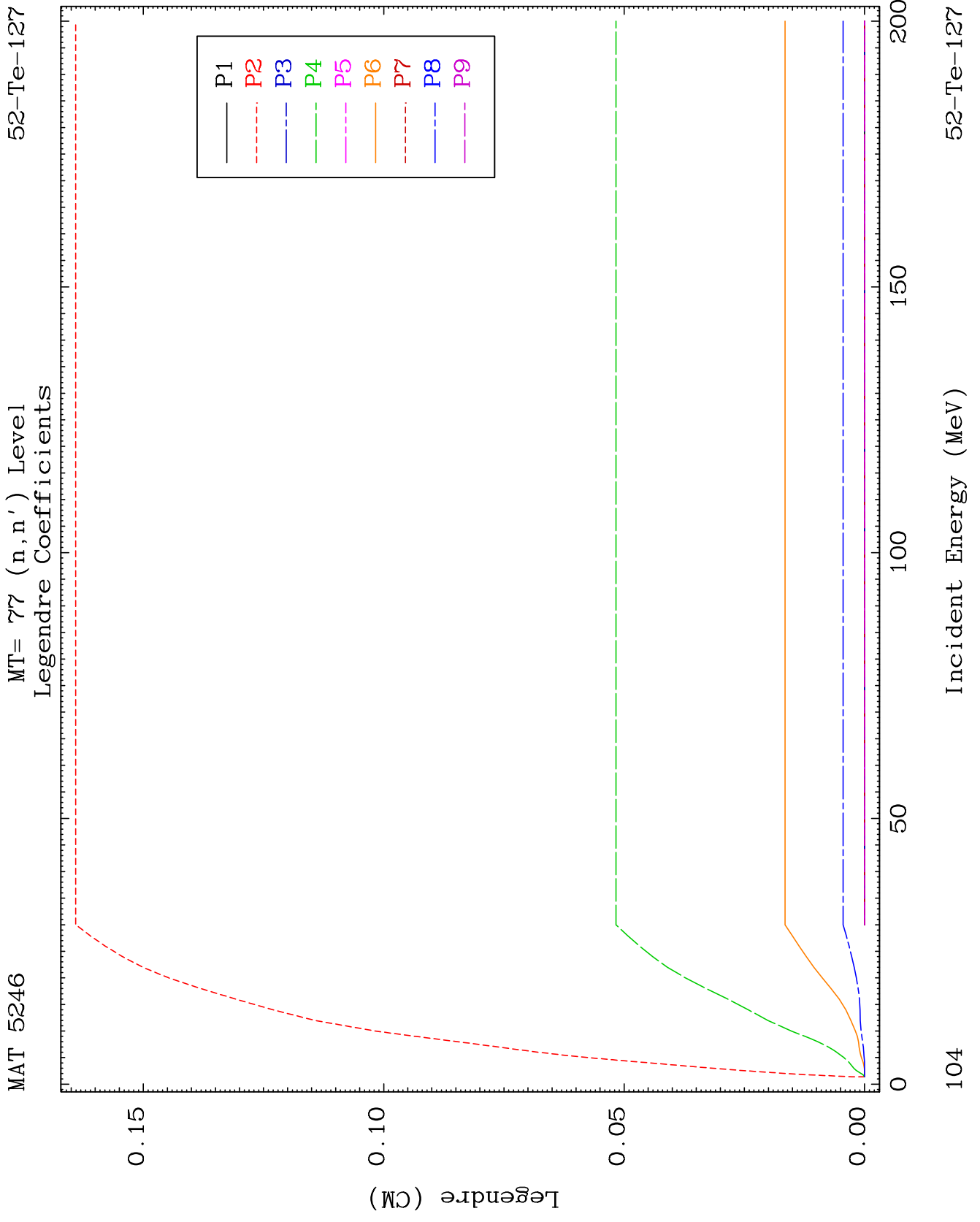
102

MAT 5246

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

52-Te-127

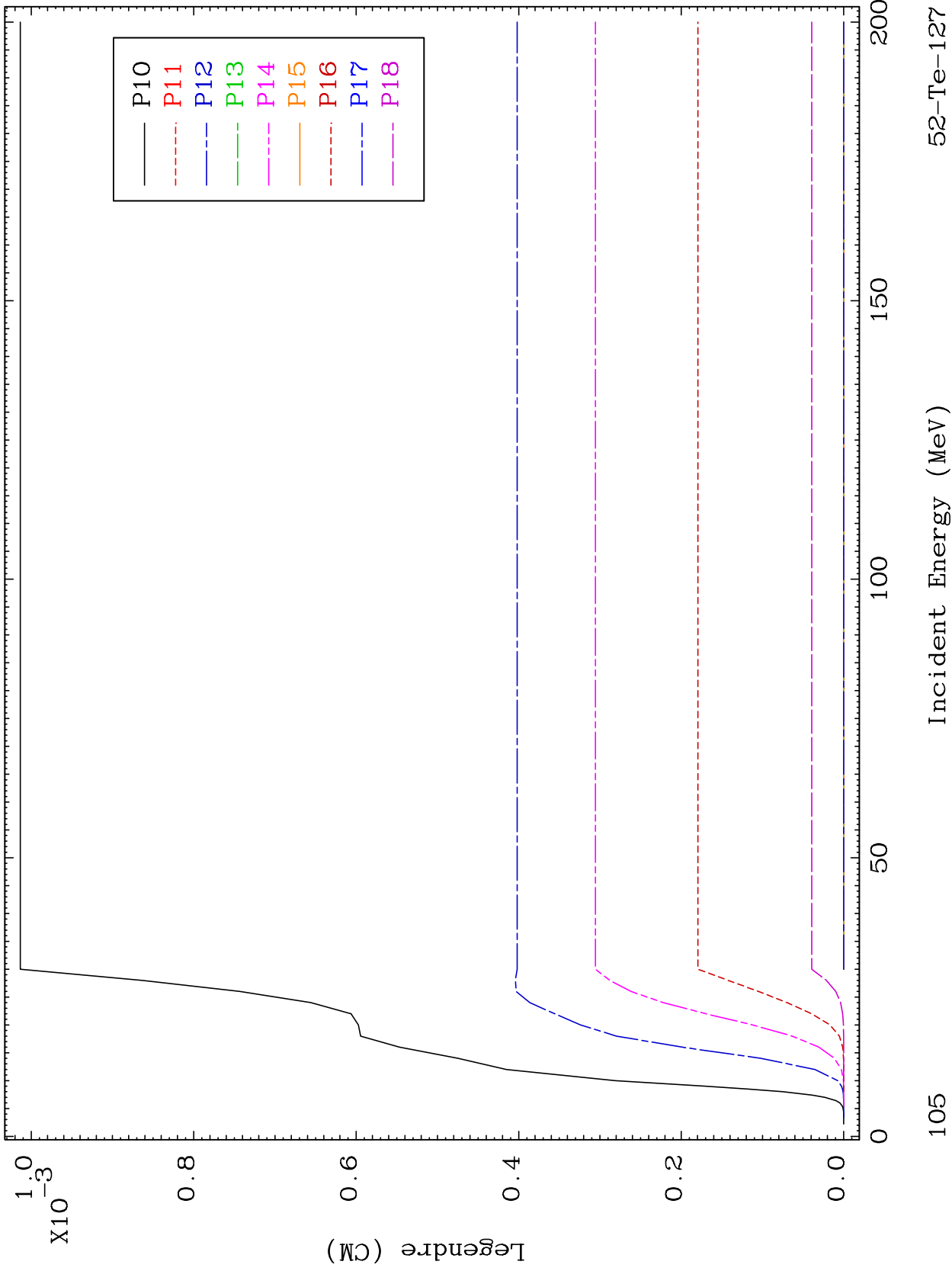




MAT 5246

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

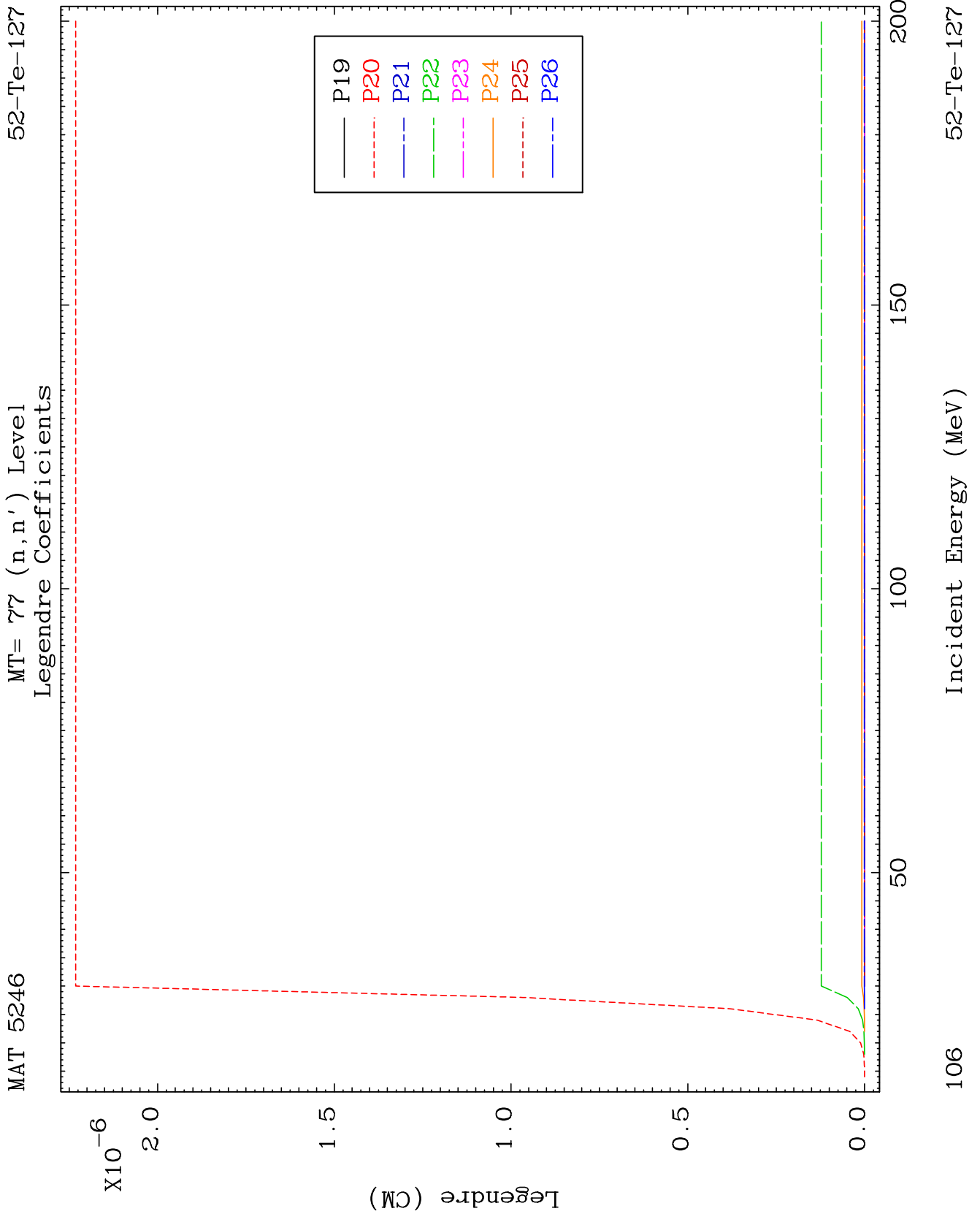
52-Te-127



52-Te-127

Incident Energy (MeV)

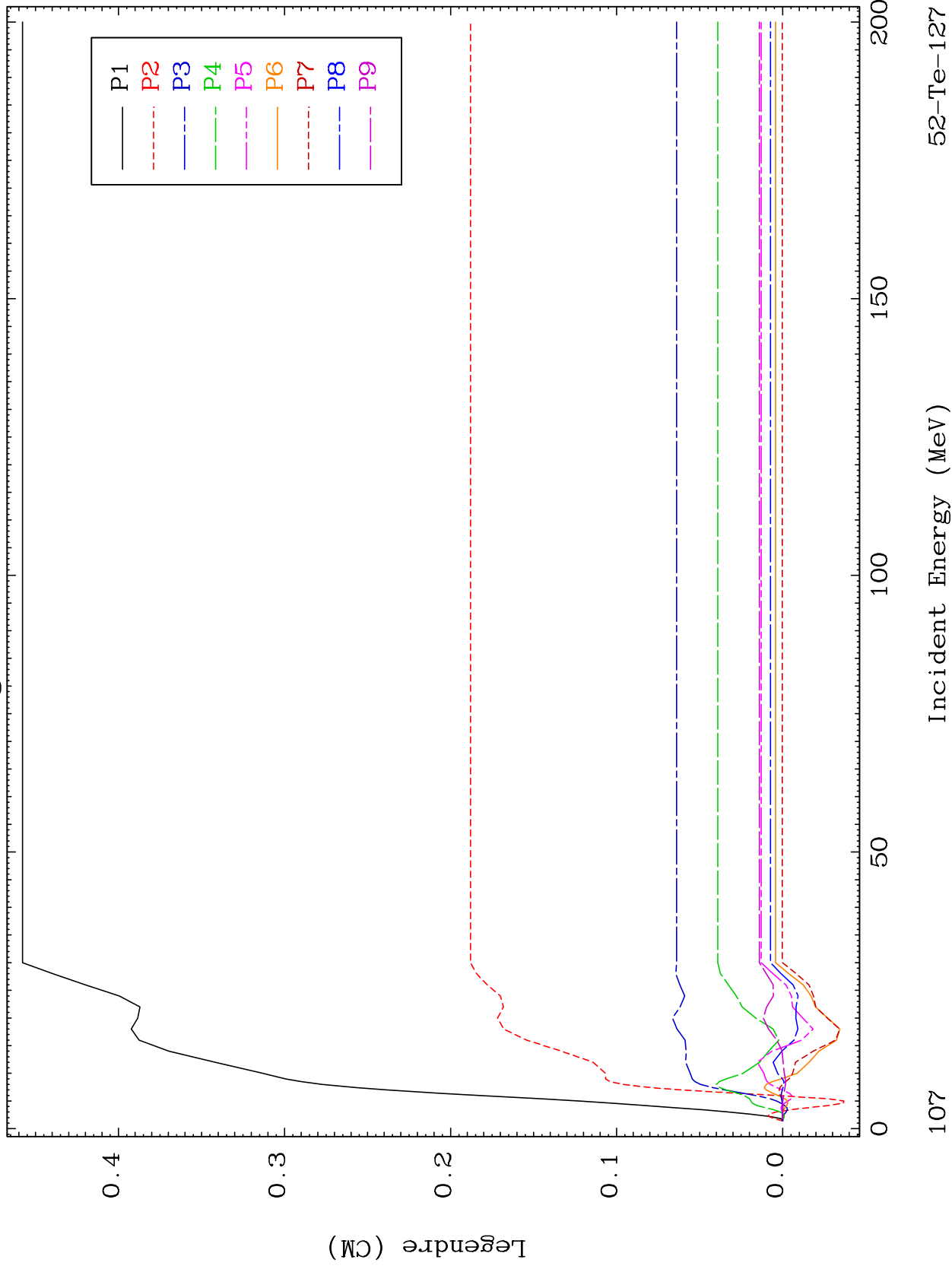
105



MAT 5246

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

52-Te-127

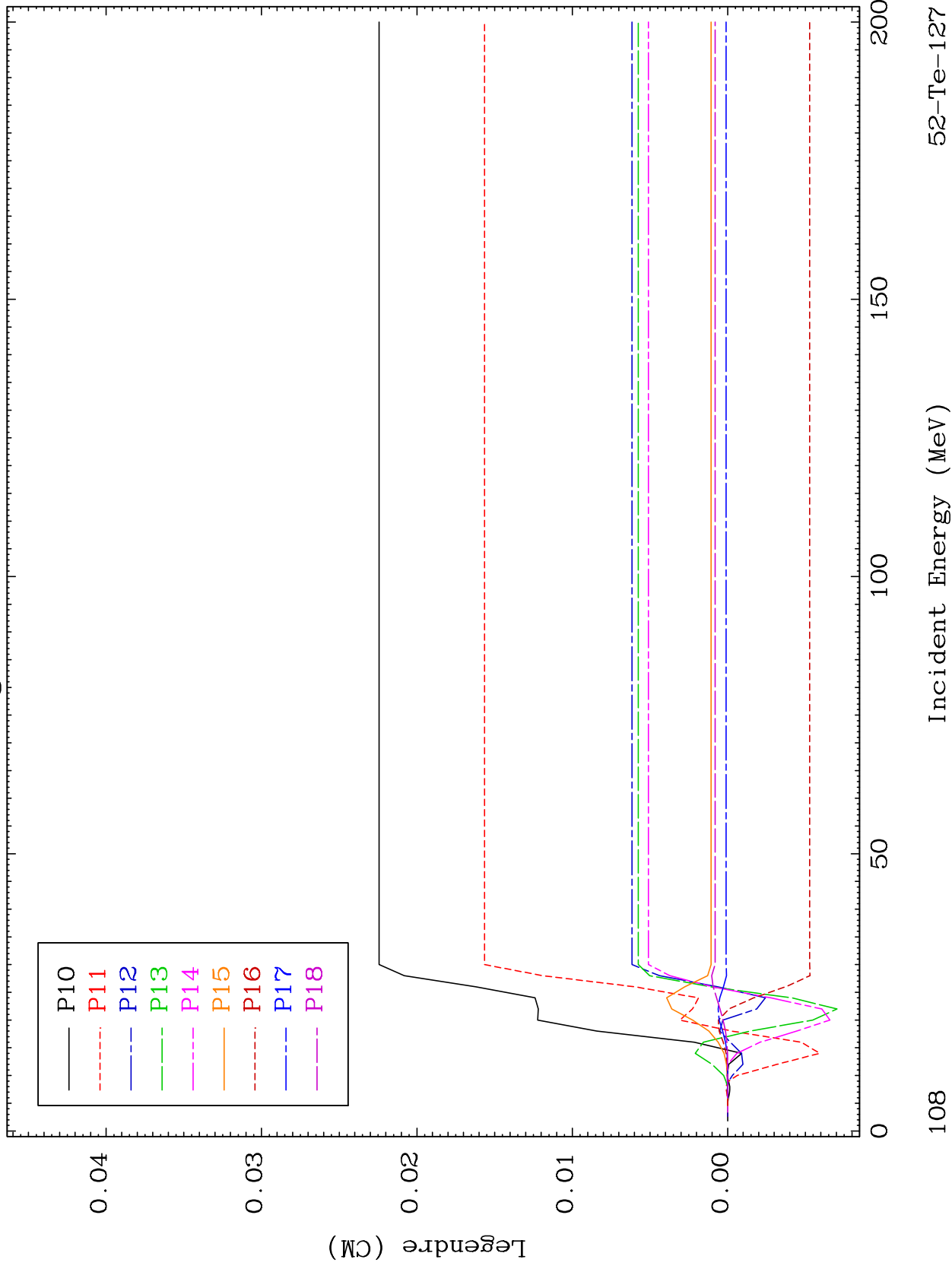


107

MAT 5246

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

52-Te-127



52-Te-127

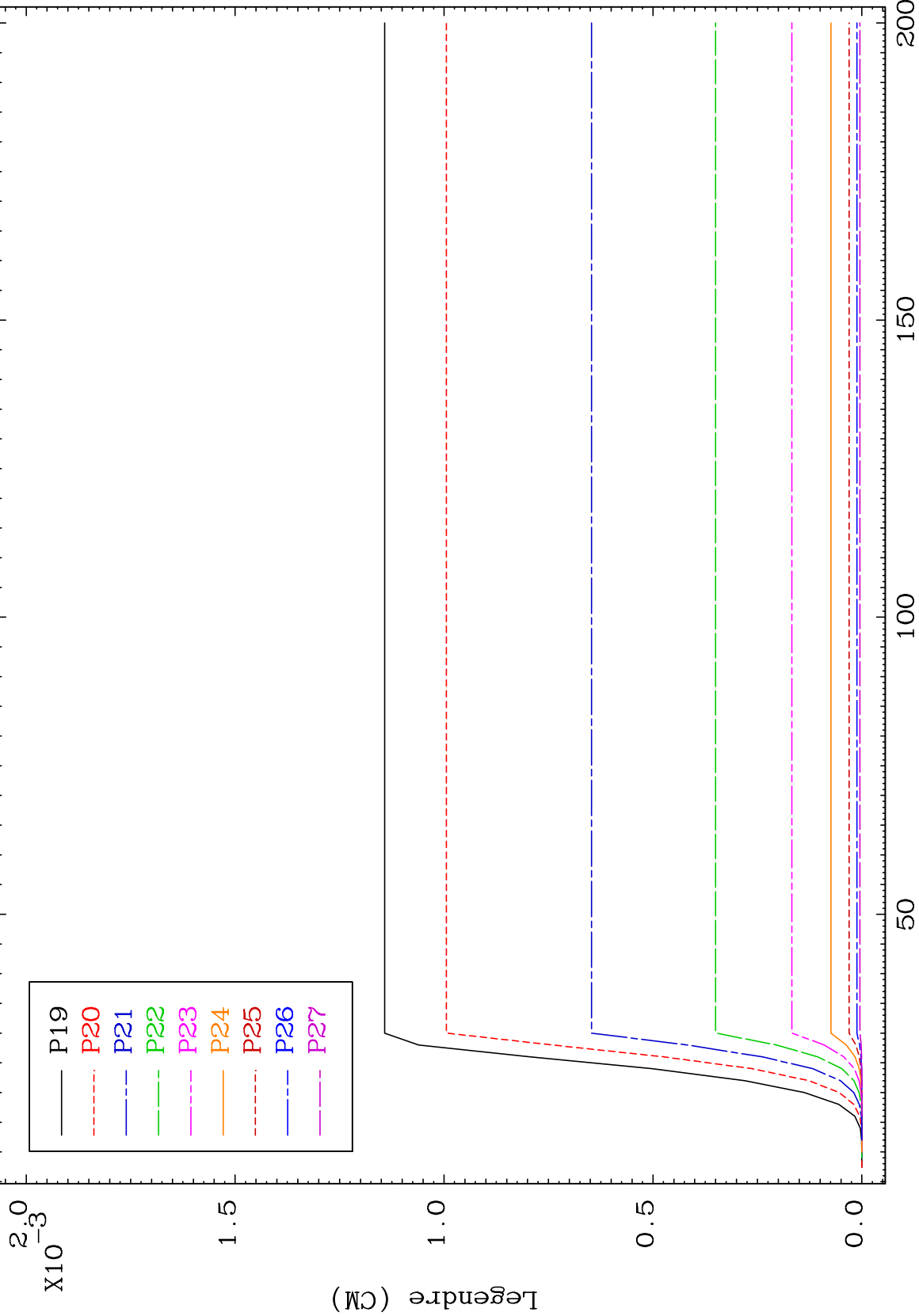
Incident Energy (MeV)

108

MAT 5246

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

52-Te-127



109

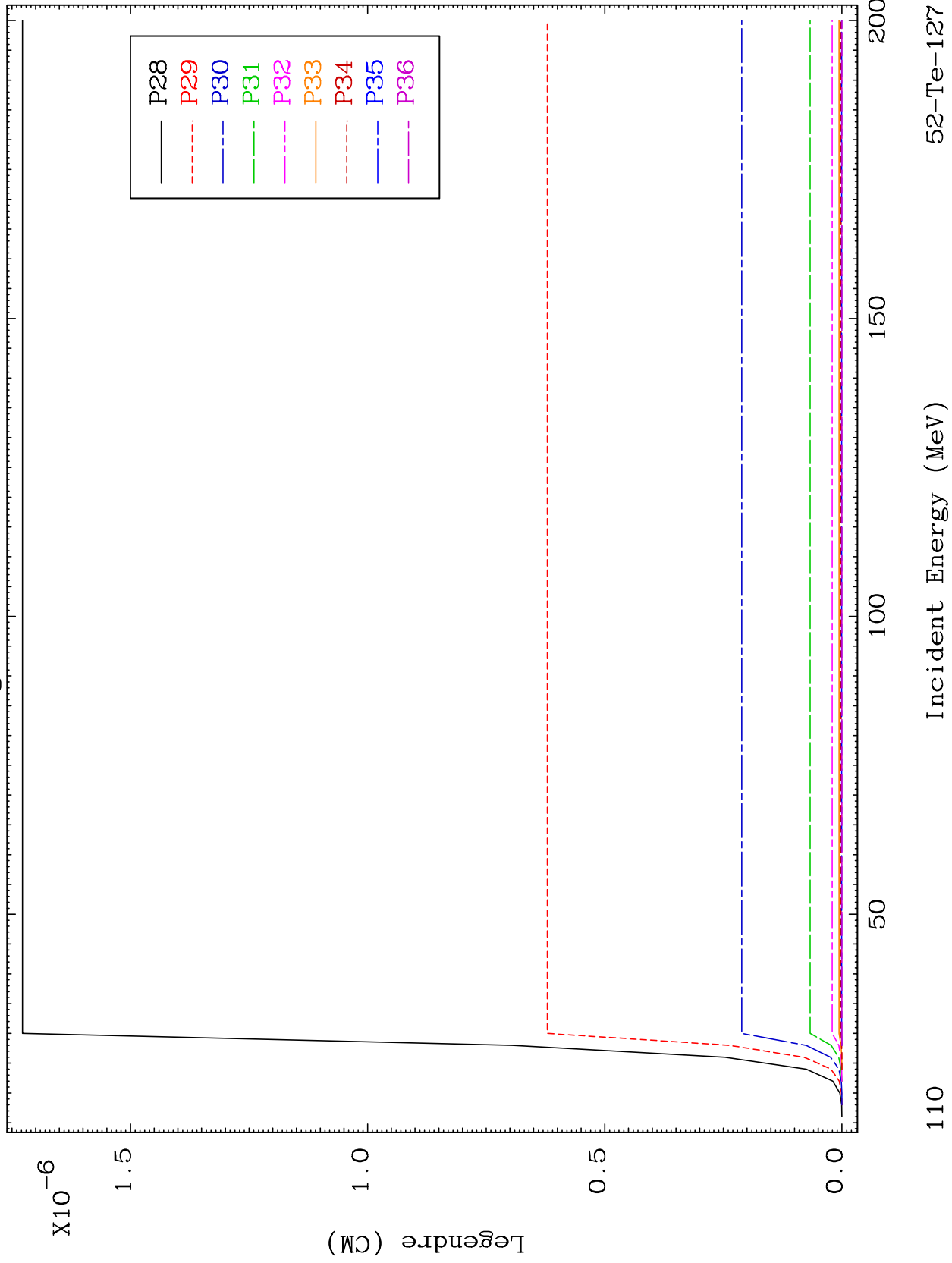
Incident Energy (MeV)

52-Te-127

MAT 5246

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

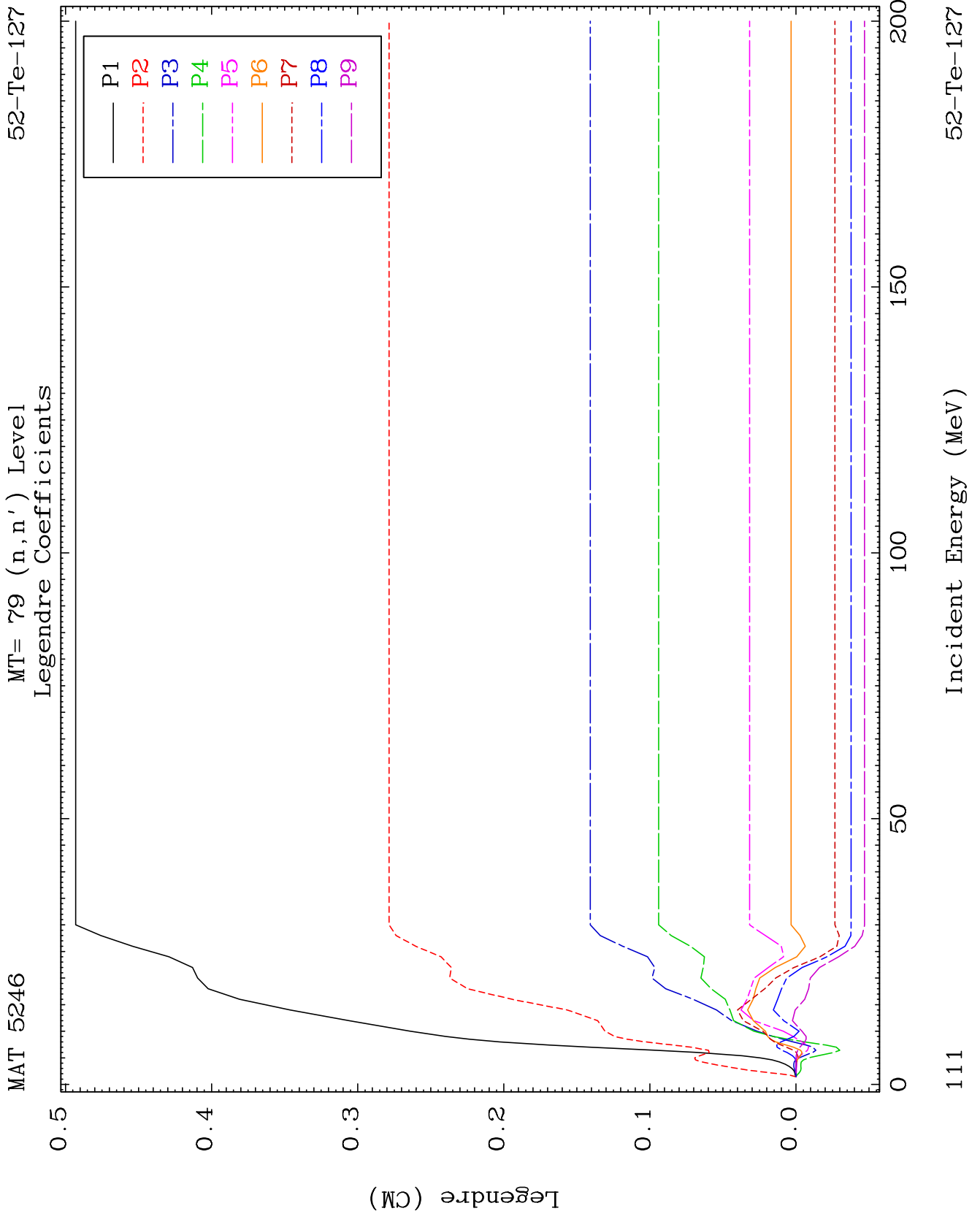
52-Te-127

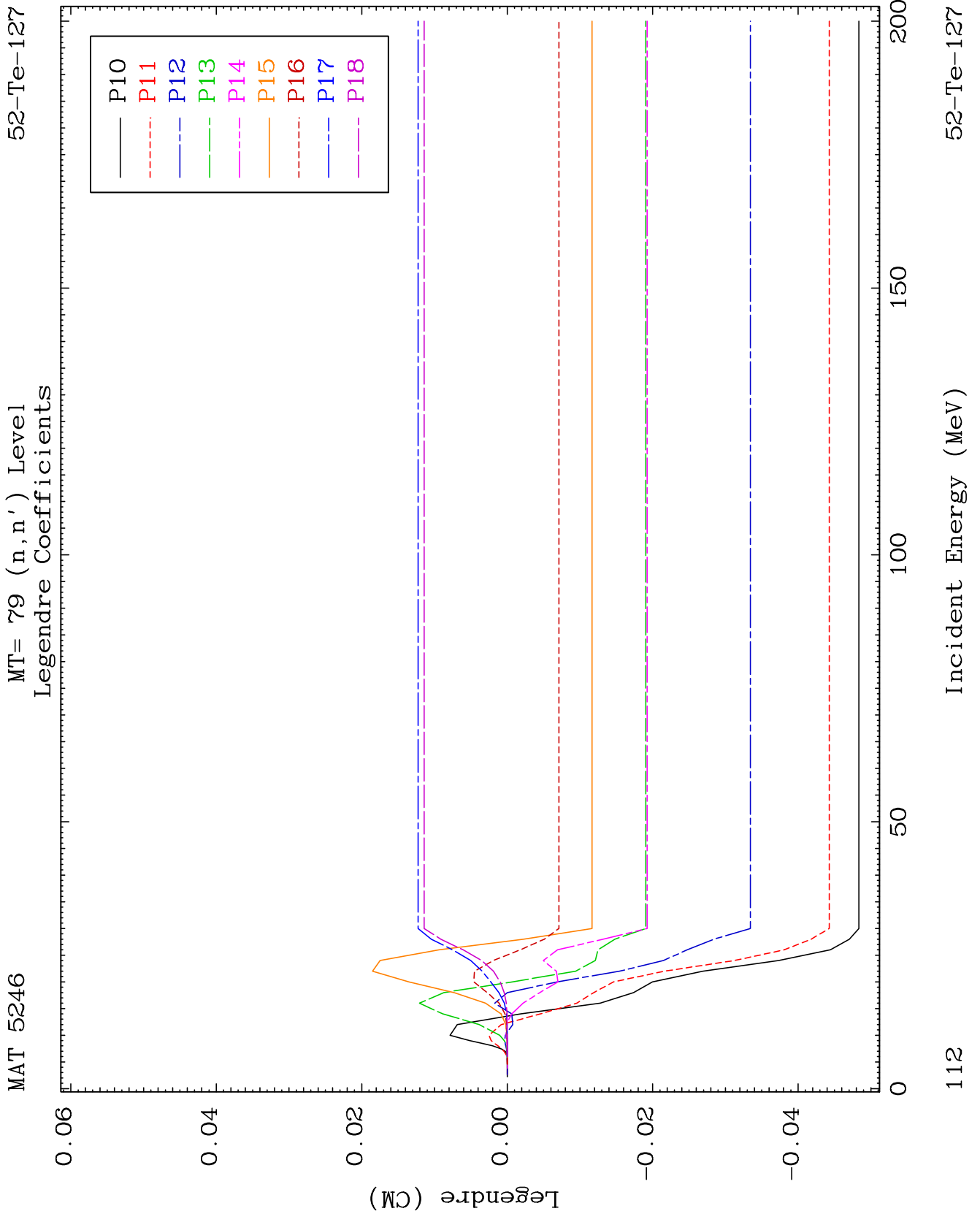


52-Te-127

Incident Energy (MeV)

110

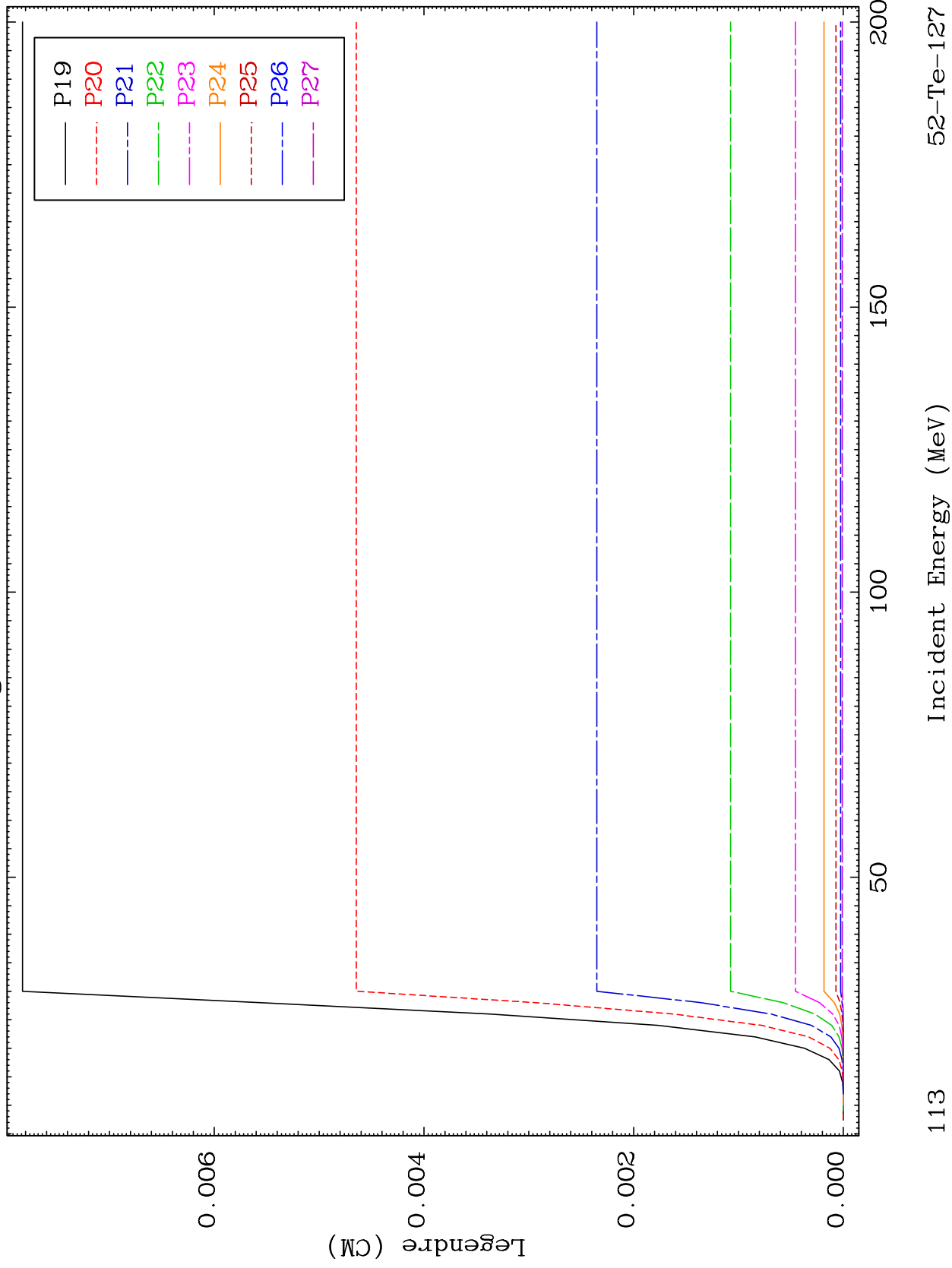




MAT 5246

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

52-Te-127



113

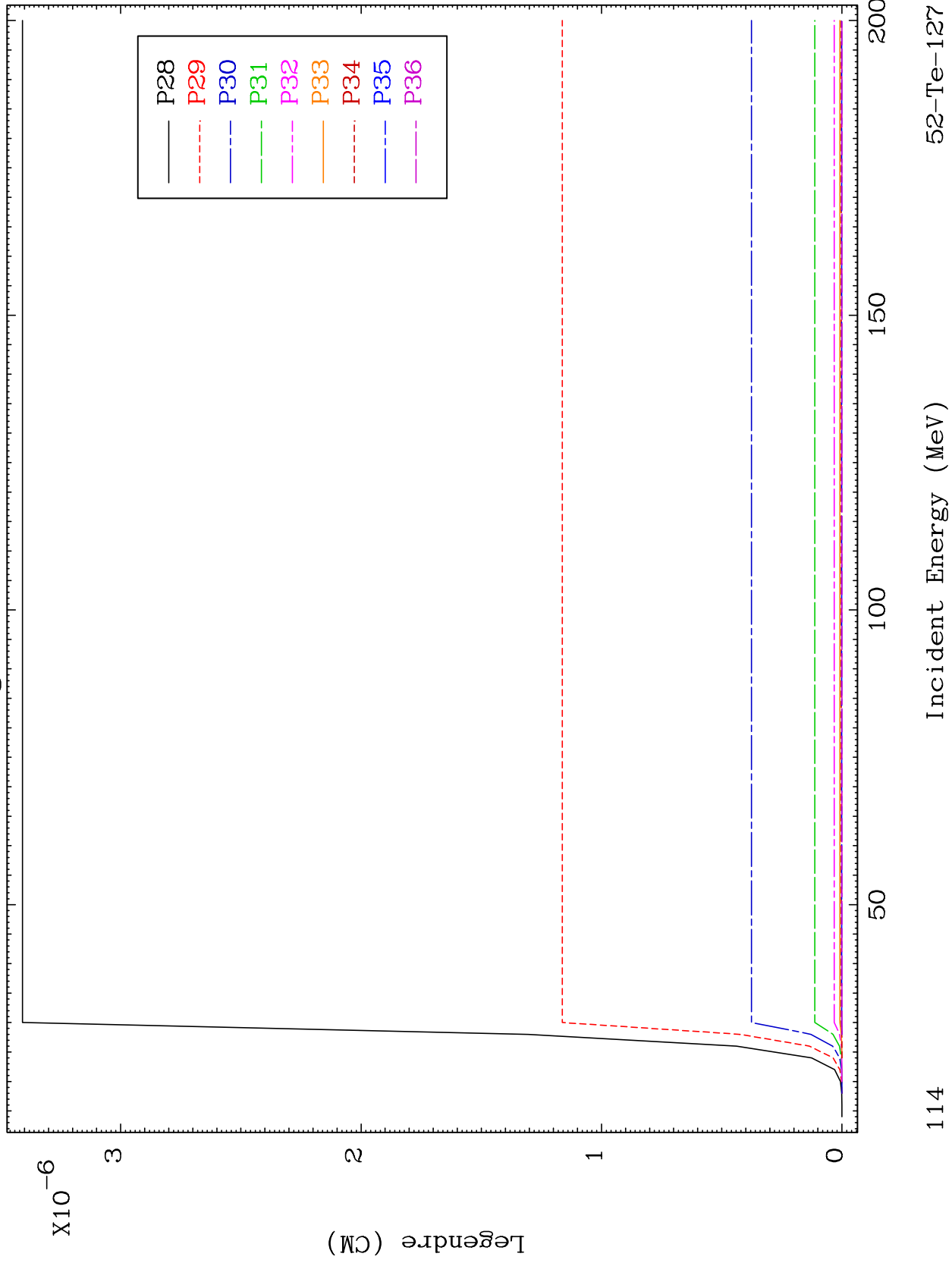
Incident Energy (MeV)

52-Te-127

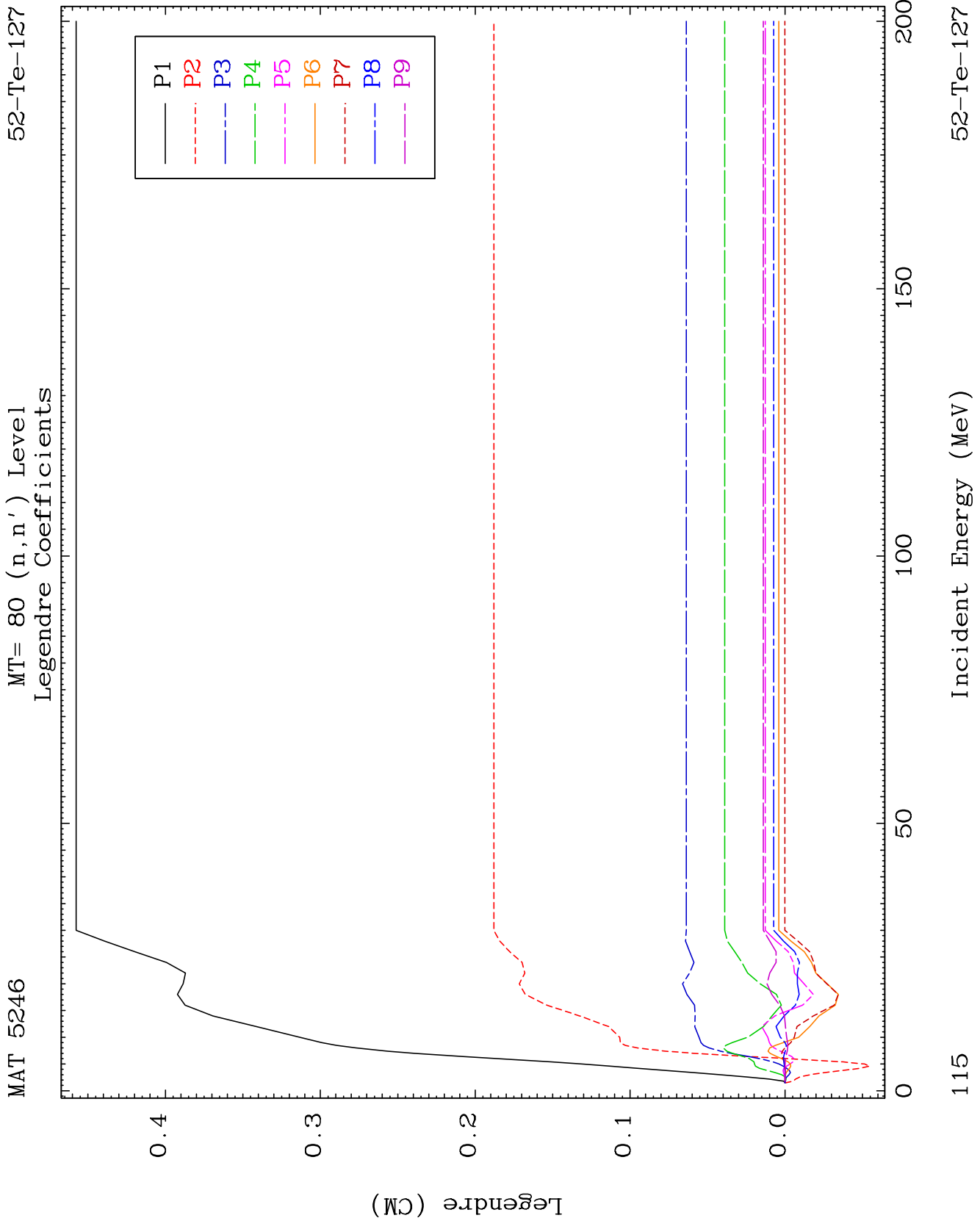
MAT 5246

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

52-Te-127



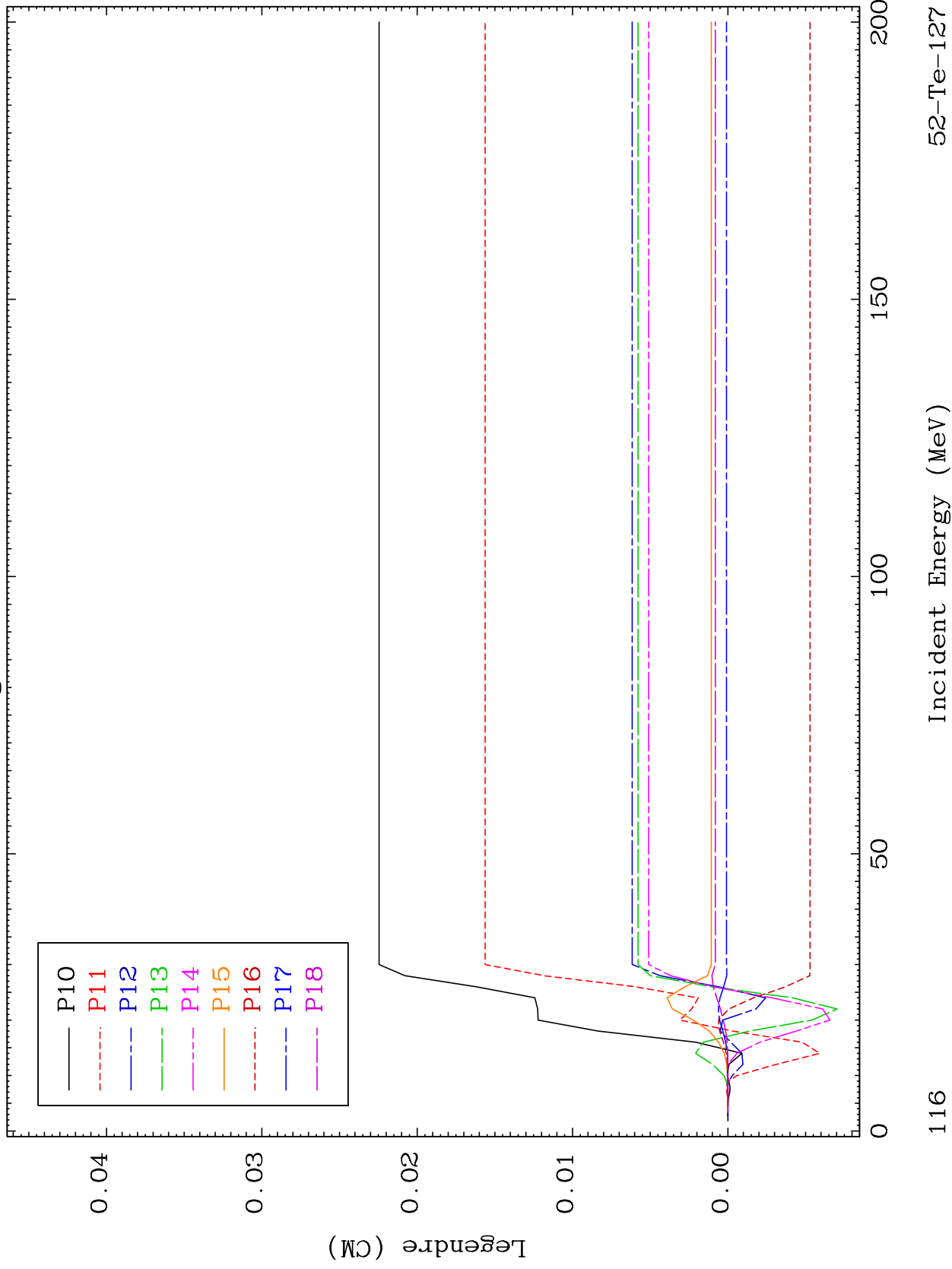
114



MAT 5246

MT= 80 (n,n') Level
Legendre Coefficients

52-Te-127



116

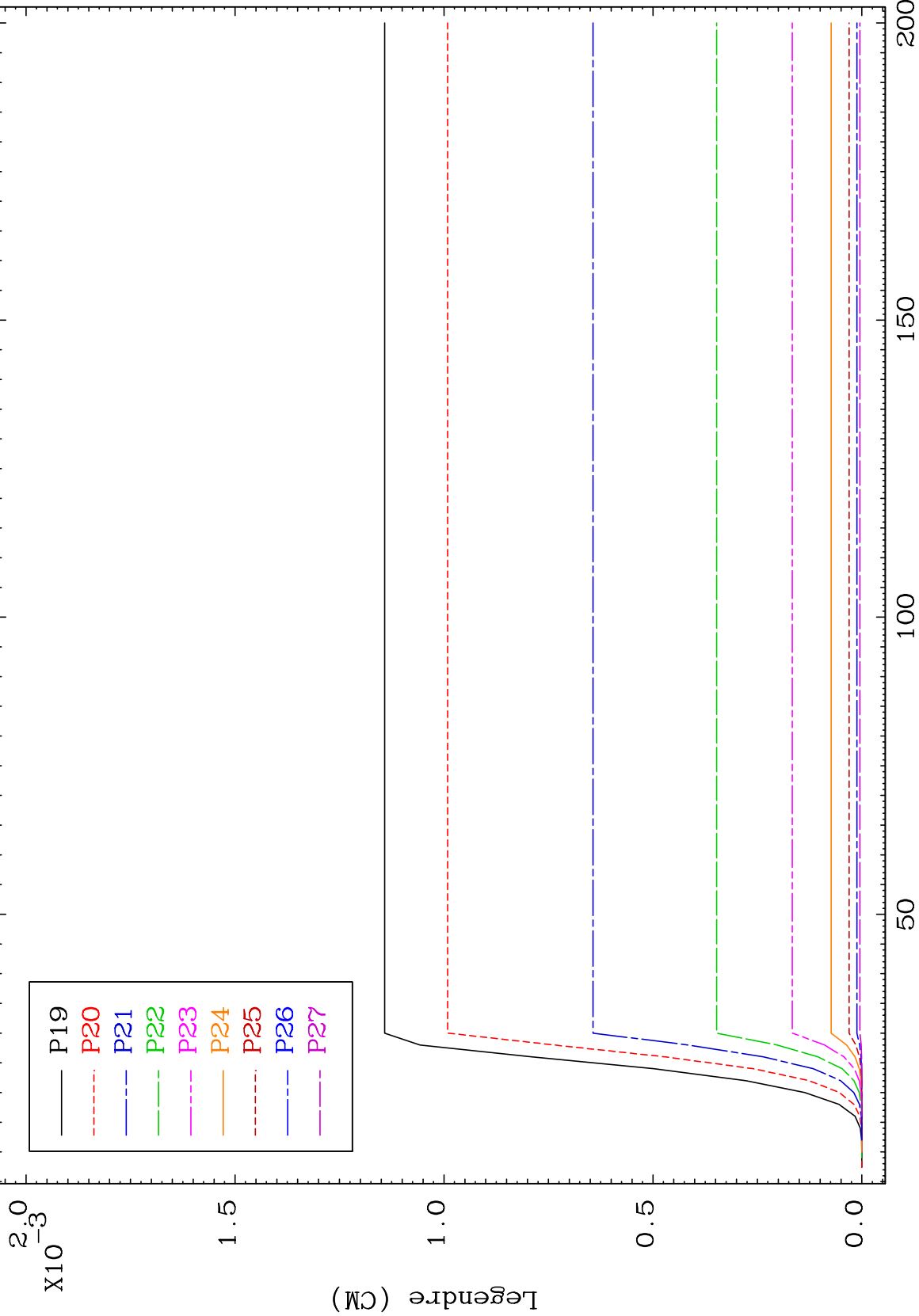
Incident Energy (MeV)

52-Te-127

MAT 5246

MT= 80 (n,n') Level
Legendre Coefficients

52-Te-127



117

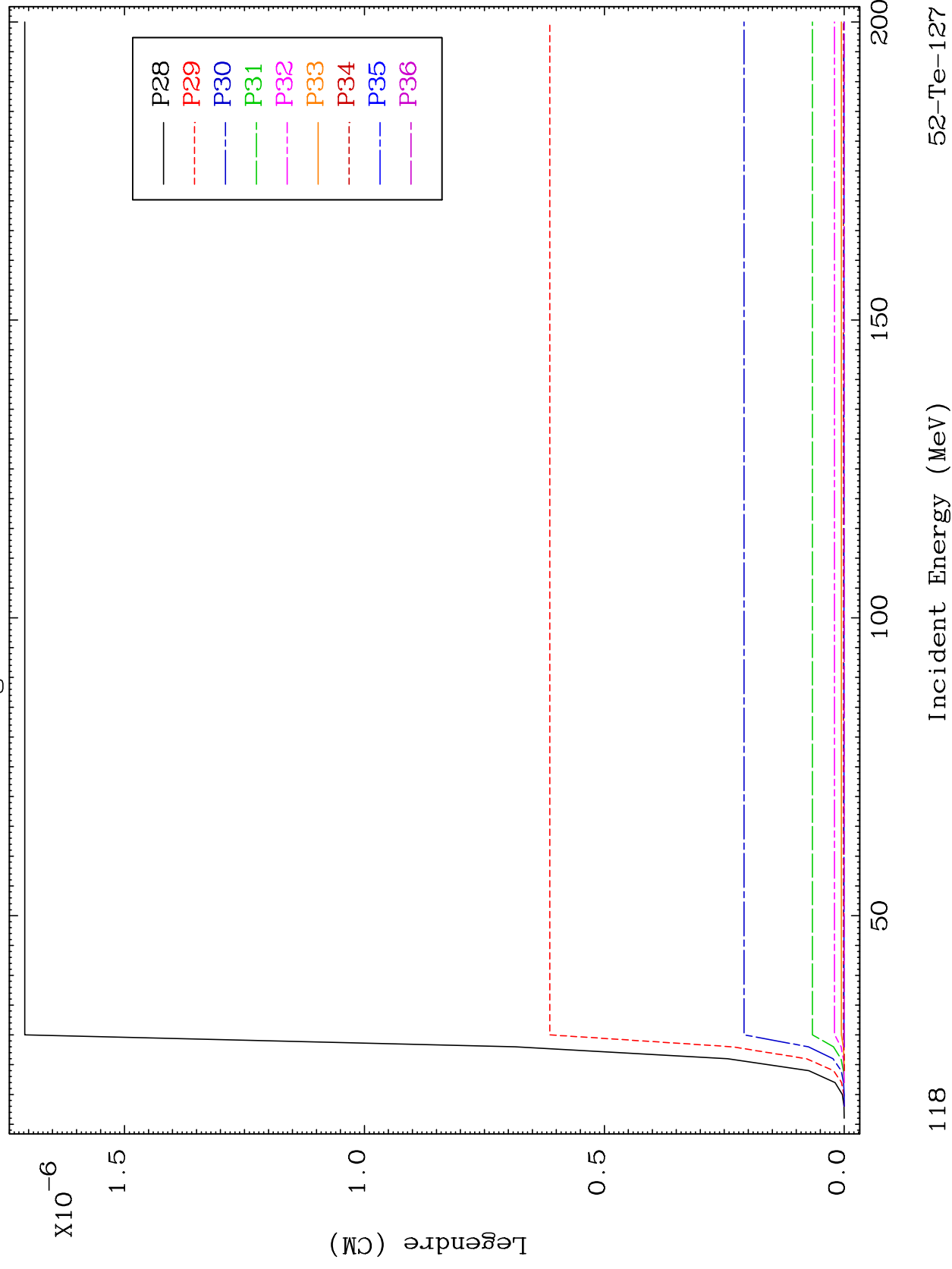
Incident Energy (MeV)

52-Te-127

MAT 5246

MT= 80 (n,n') Level
Legendre Coefficients

52-Te-127



118

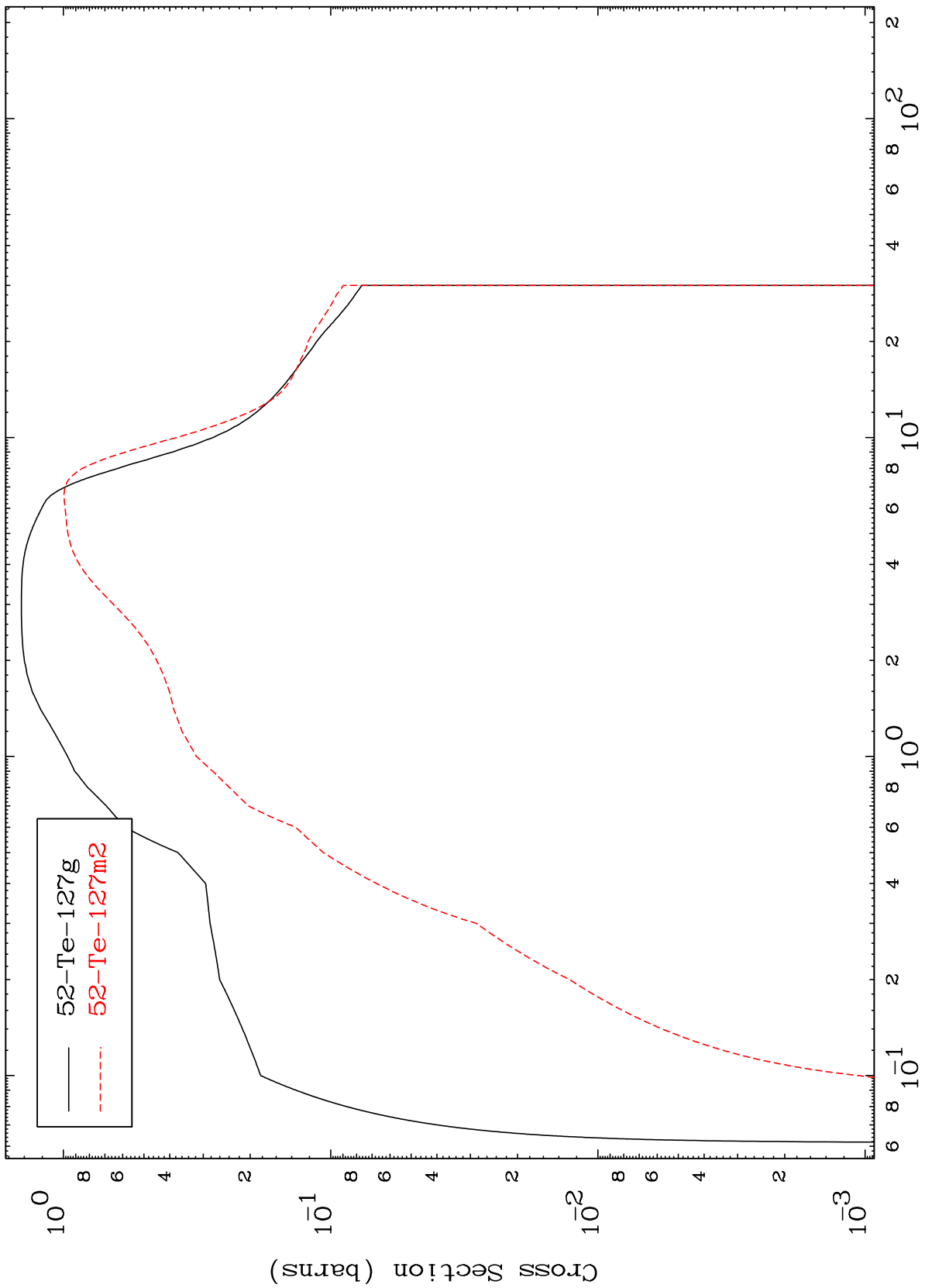
Incident Energy (MeV)

52-Te-127

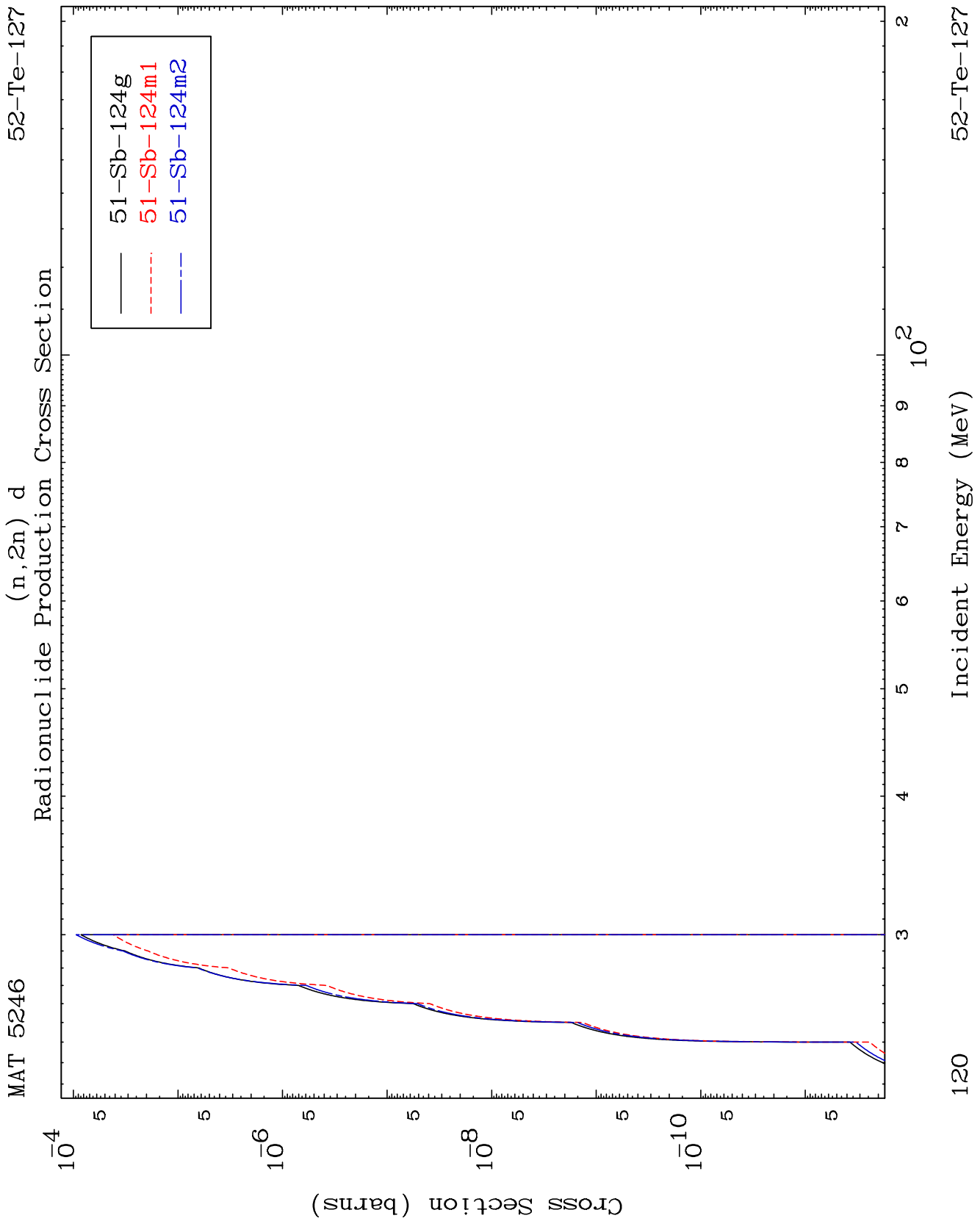
MAT 5246

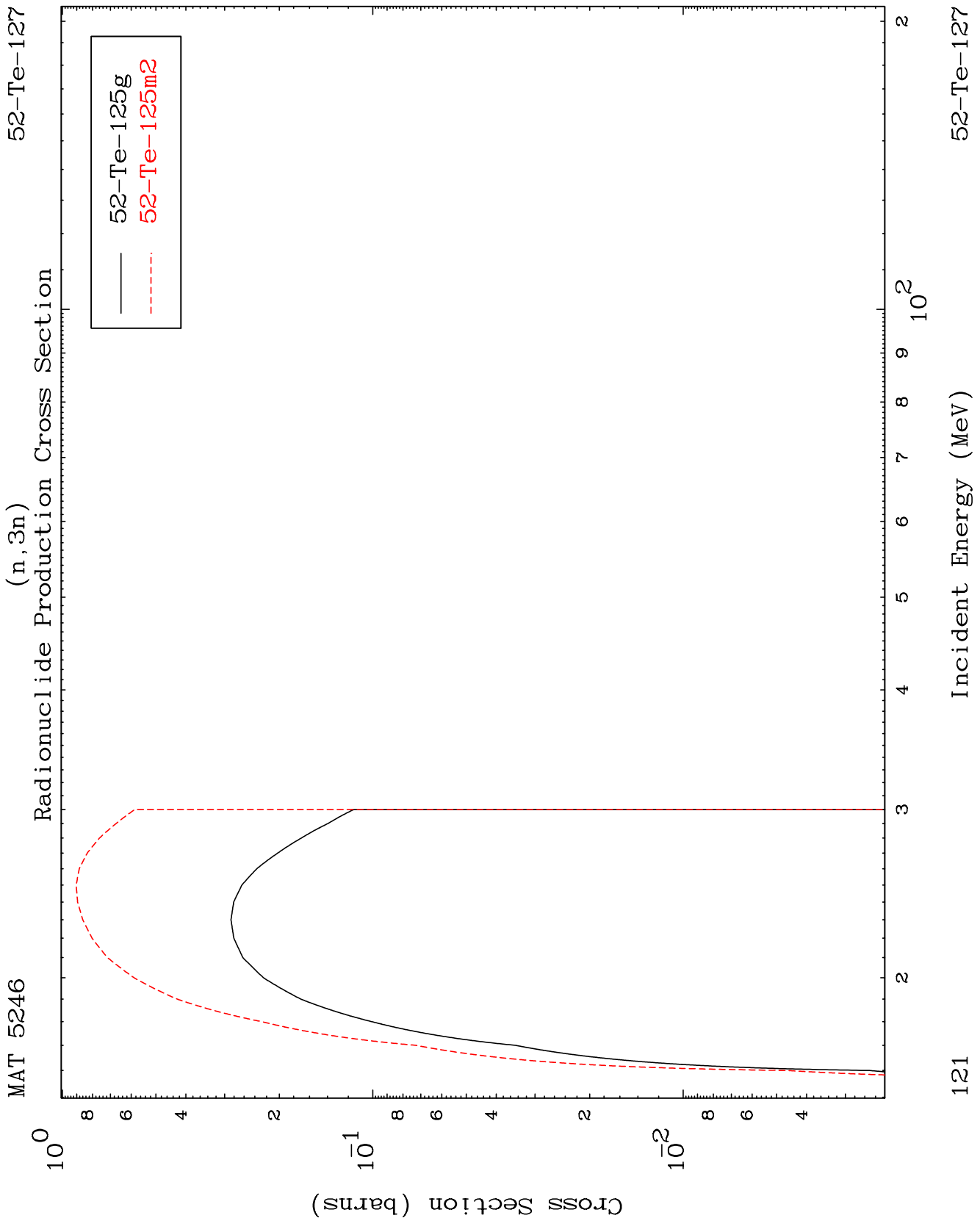
52-Te-127

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2



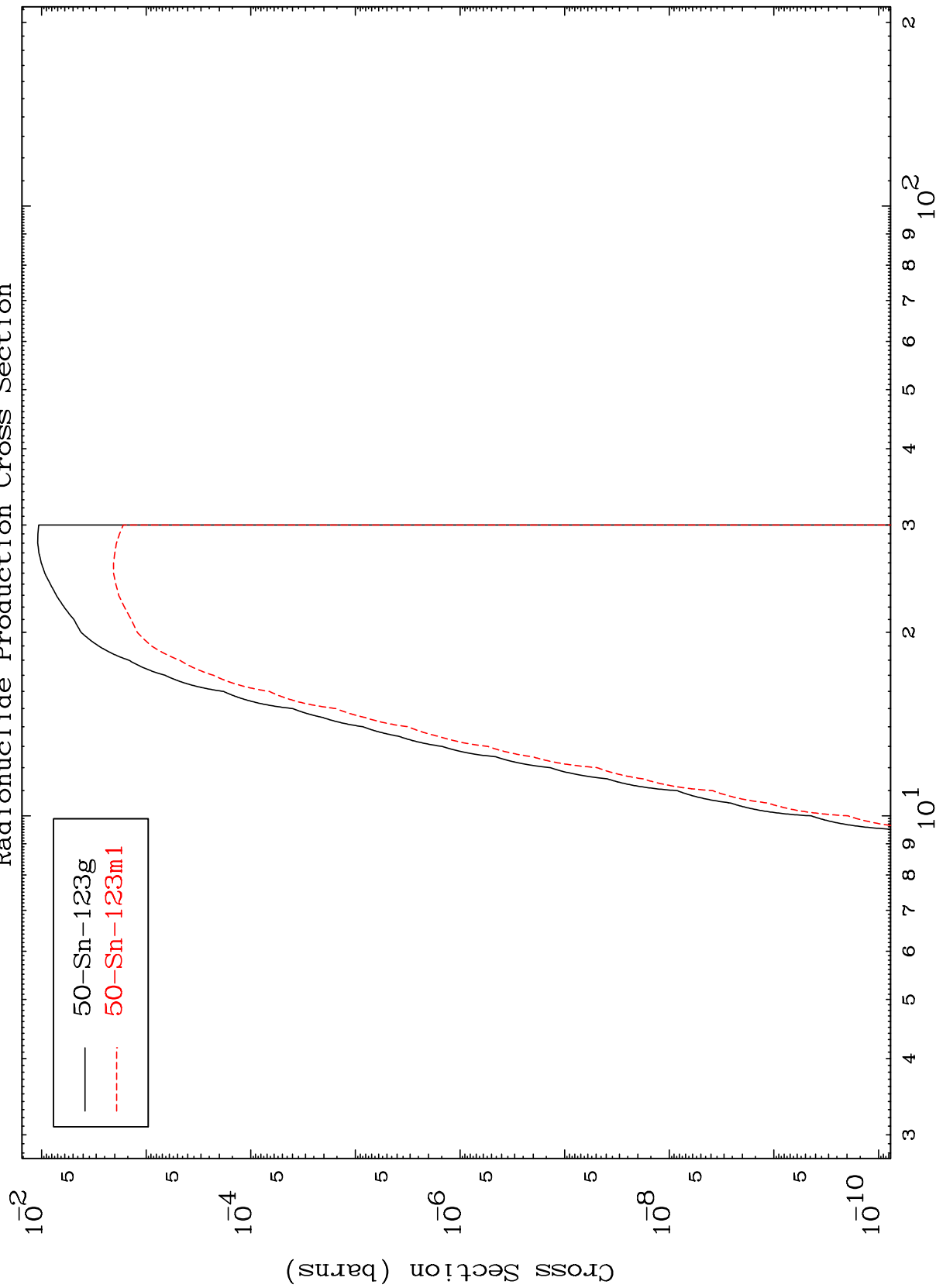


MAT 5246

$(n, n') \alpha$

52-Te-127

Radionuclide Production Cross Section

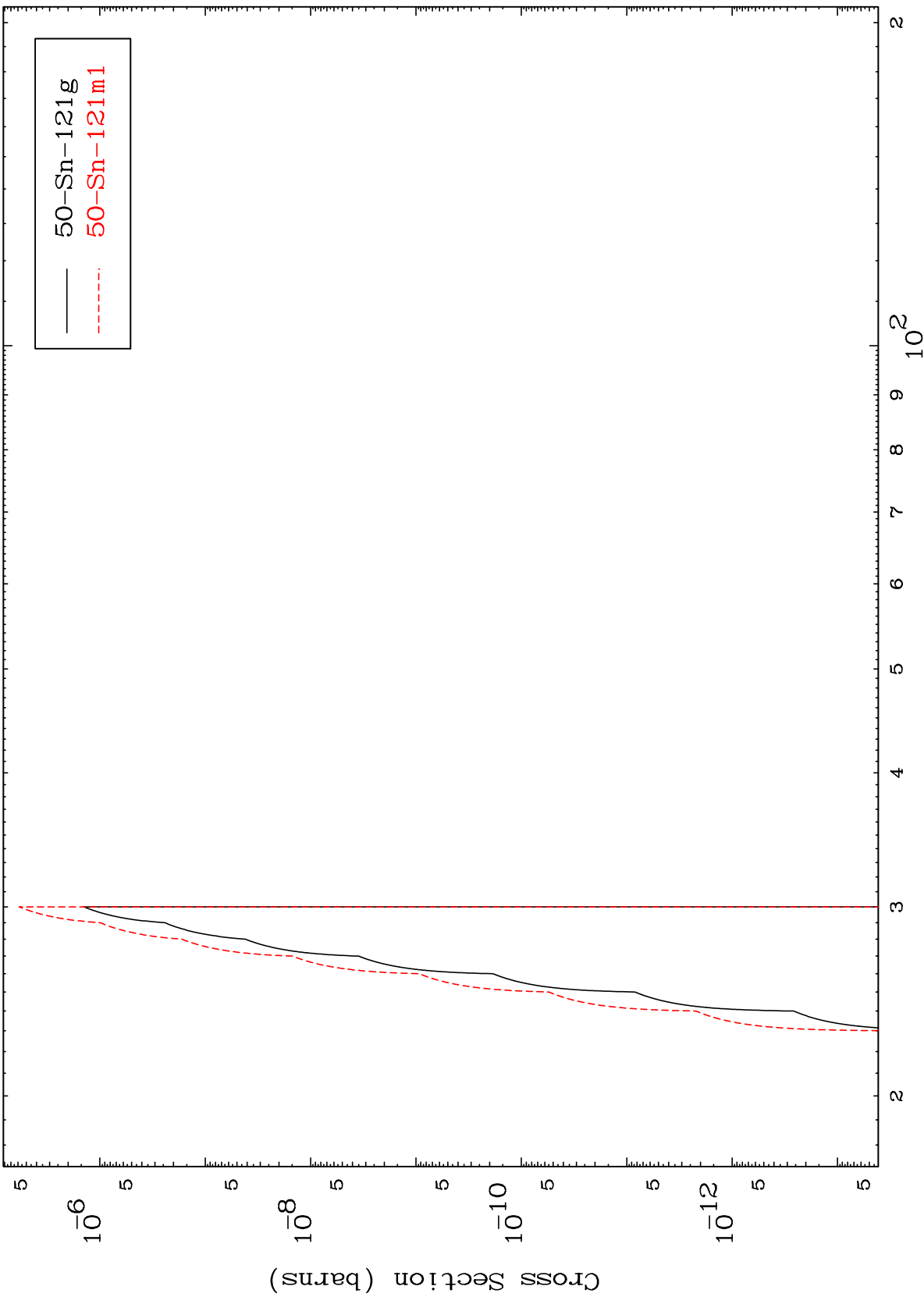


Incident Energy (MeV)

52-Te-127

122

Radionuclide Production Cross Section



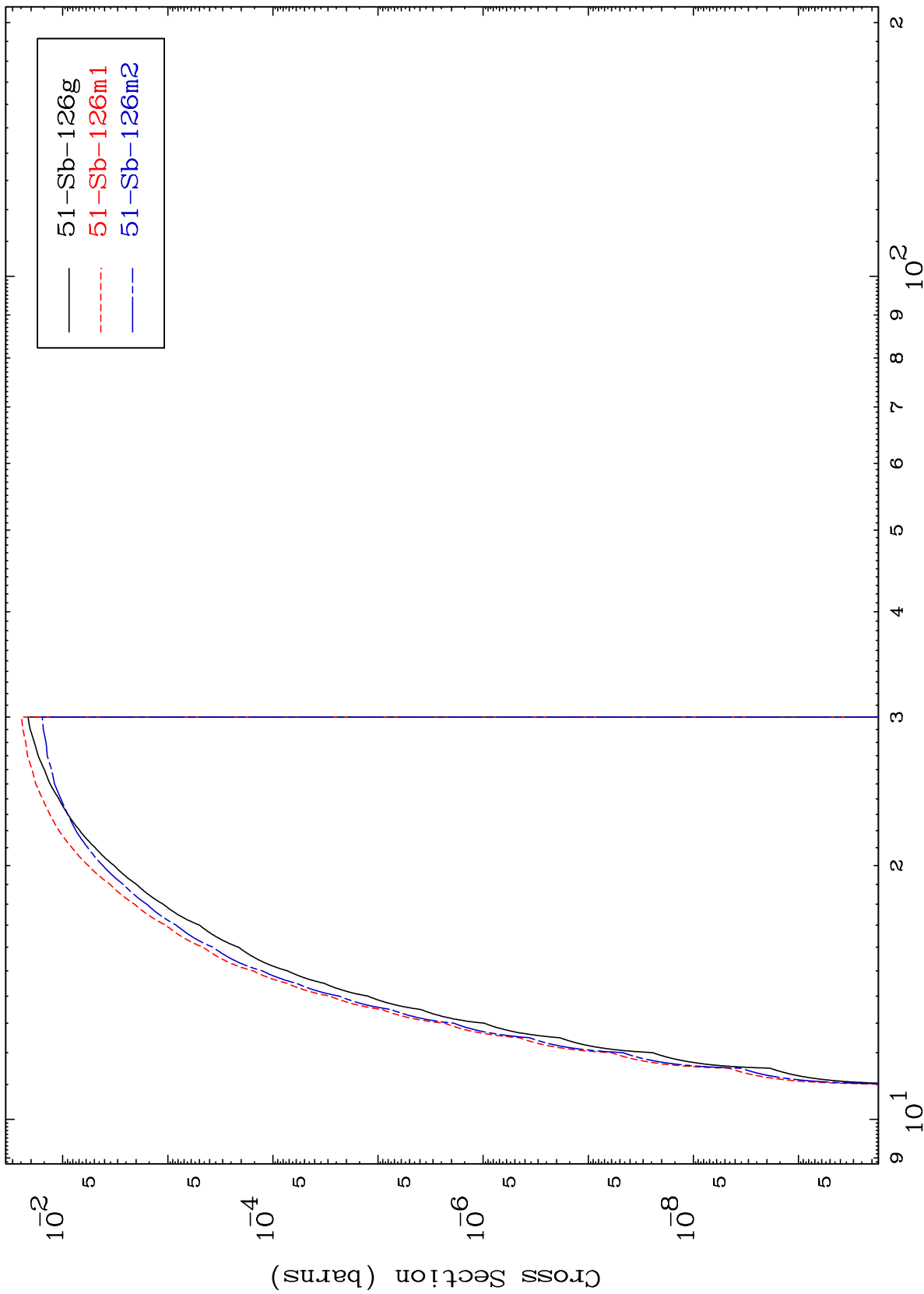
50-Sn-121g
50-Sn-121m1

MAT 5246

(n,n') p

52-Te-127

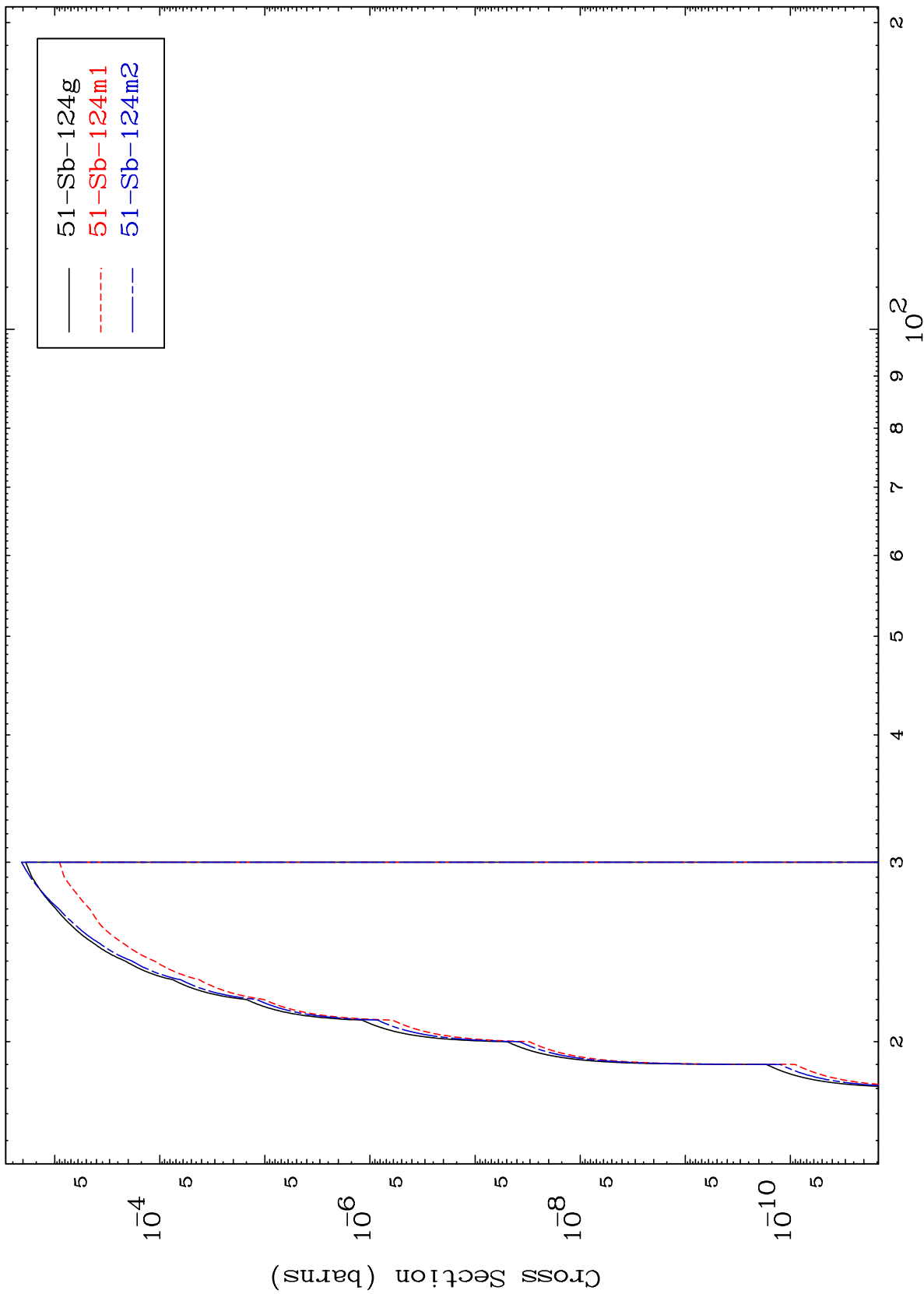
Radionuclide Production Cross Section



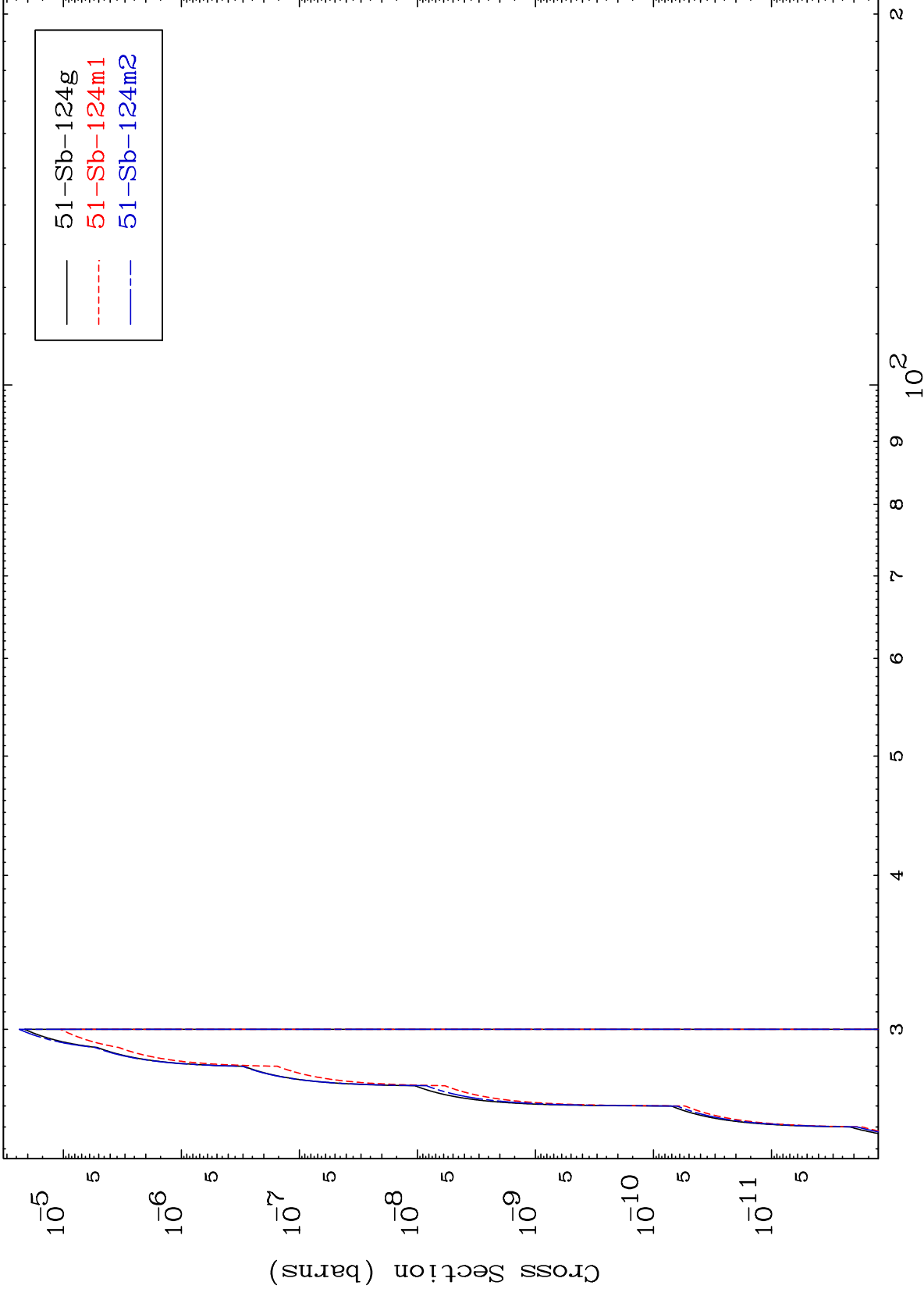
Incident Energy (MeV)

52-Te-127

Radionuclide Production Cross Section



Radionuclide Production Cross Section

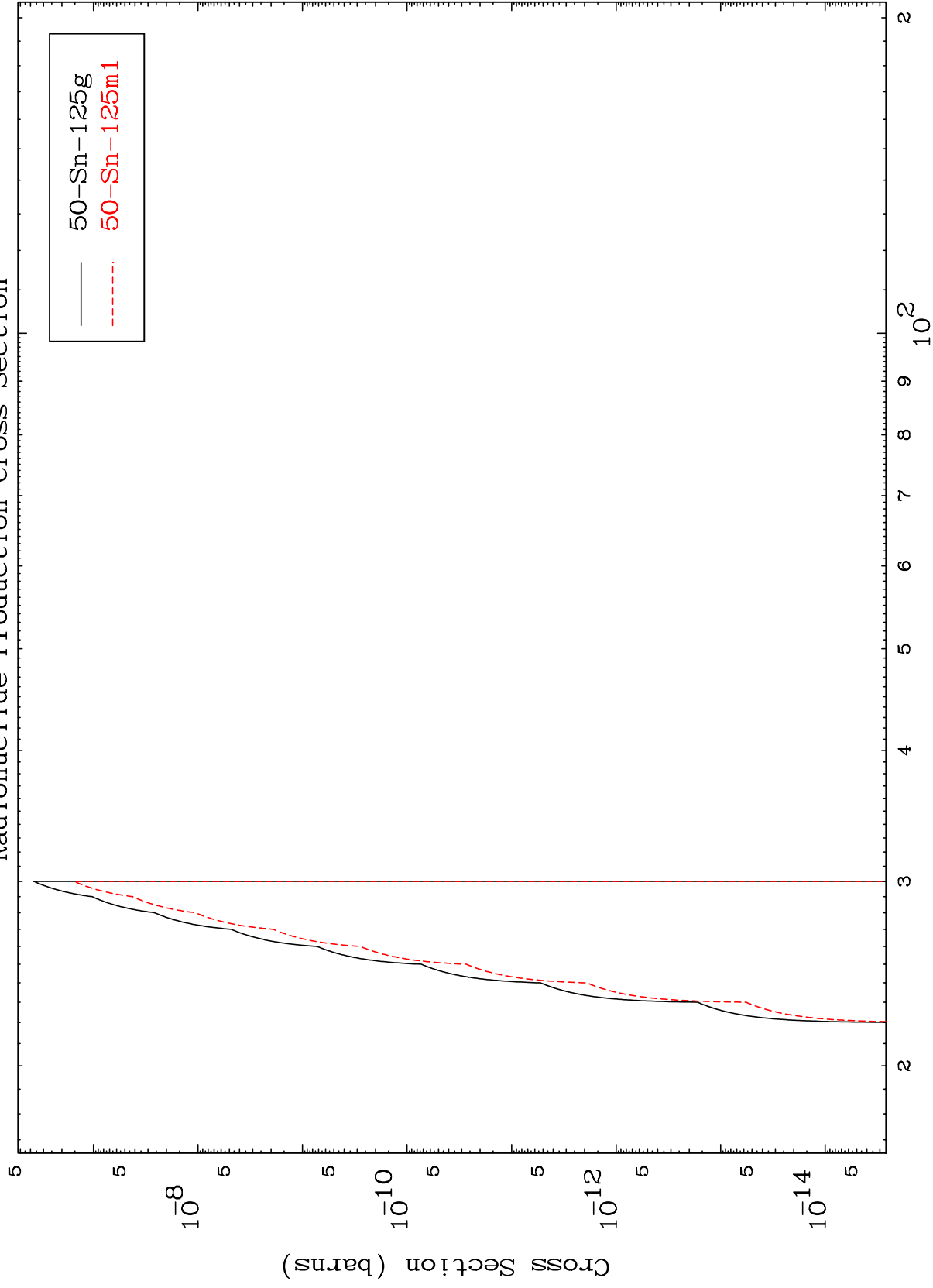


MAT 5246

(n,2n) p

52-Te-127

Radionuclide Production Cross Section



127

Incident Energy (MeV)

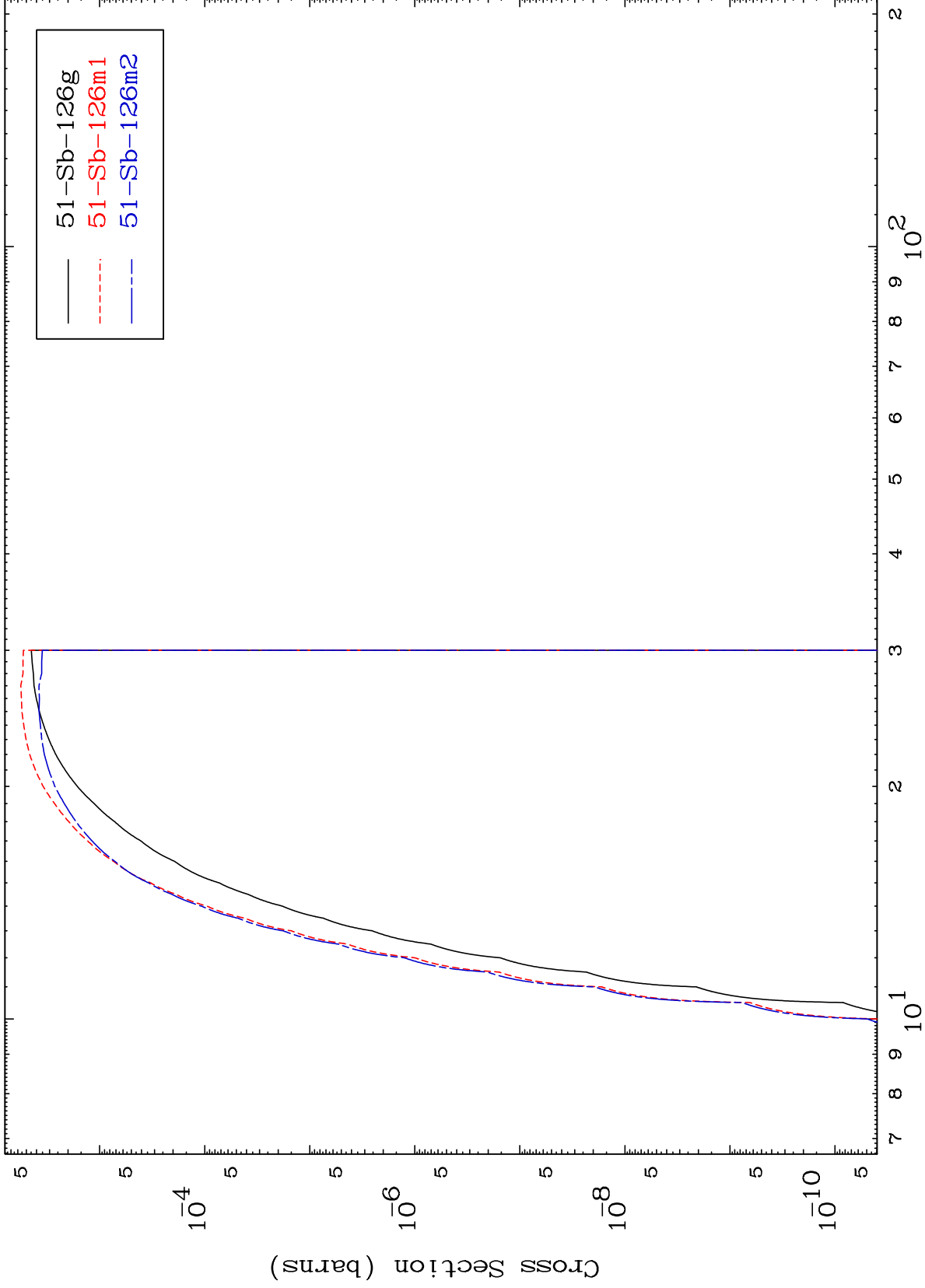
52-Te-127

MAT 5246

(n,d)

52-Te-127

Radionuclide Production Cross Section



128

Incident Energy (MeV)

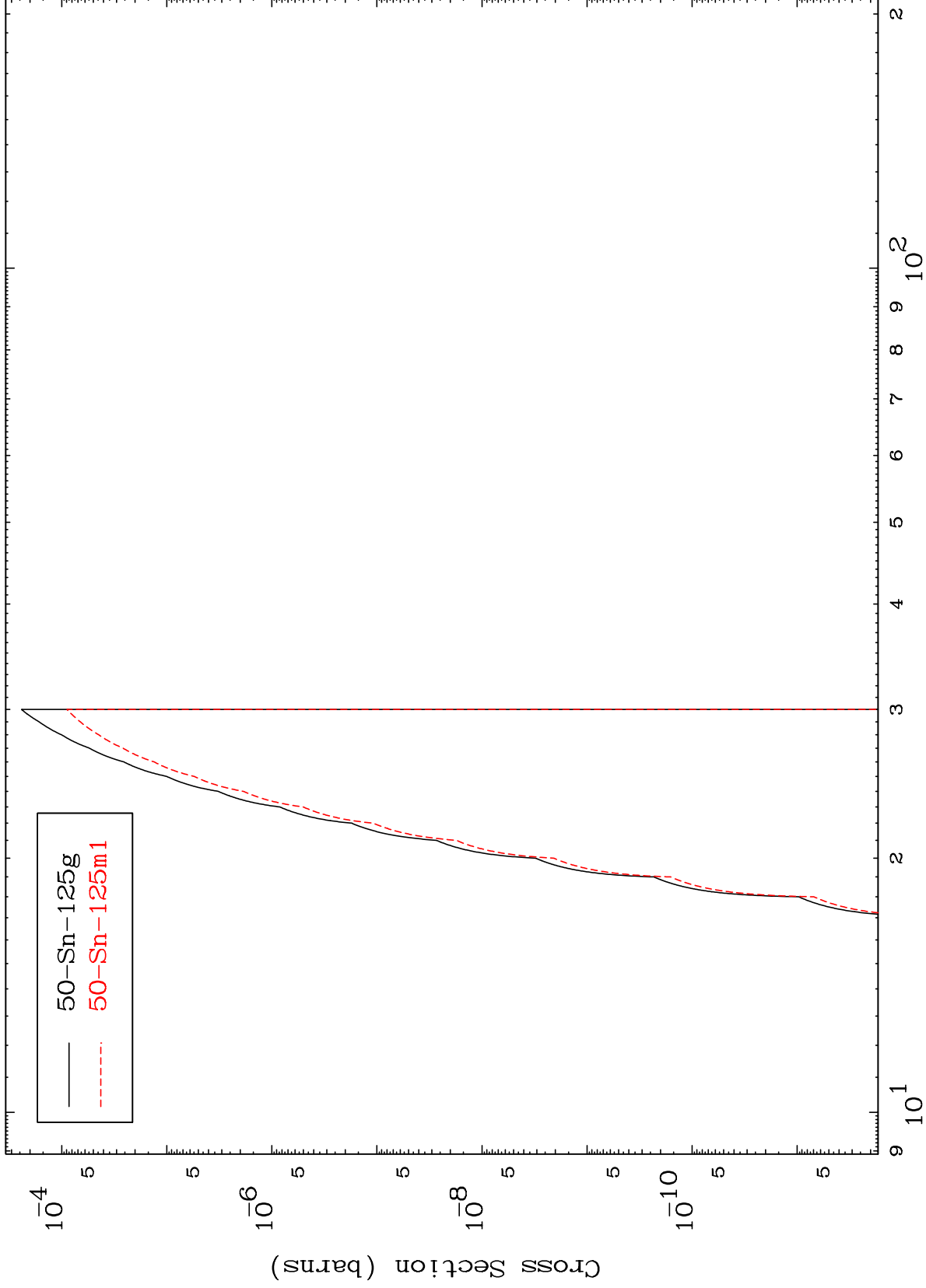
52-Te-127

MAT 5246

(n,He-3)

52-Te-127

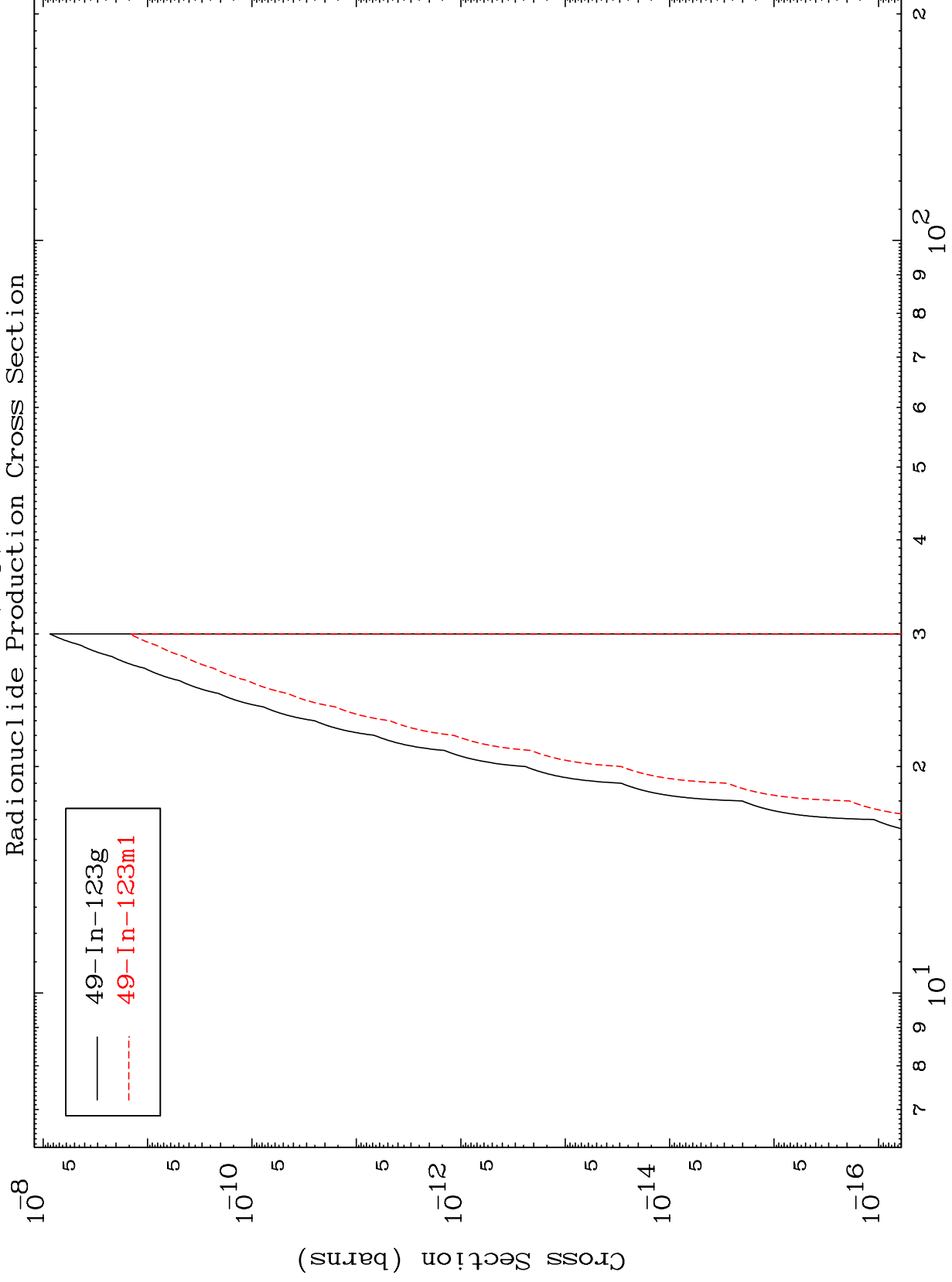
Radionuclide Production Cross Section



129

Incident Energy (MeV)

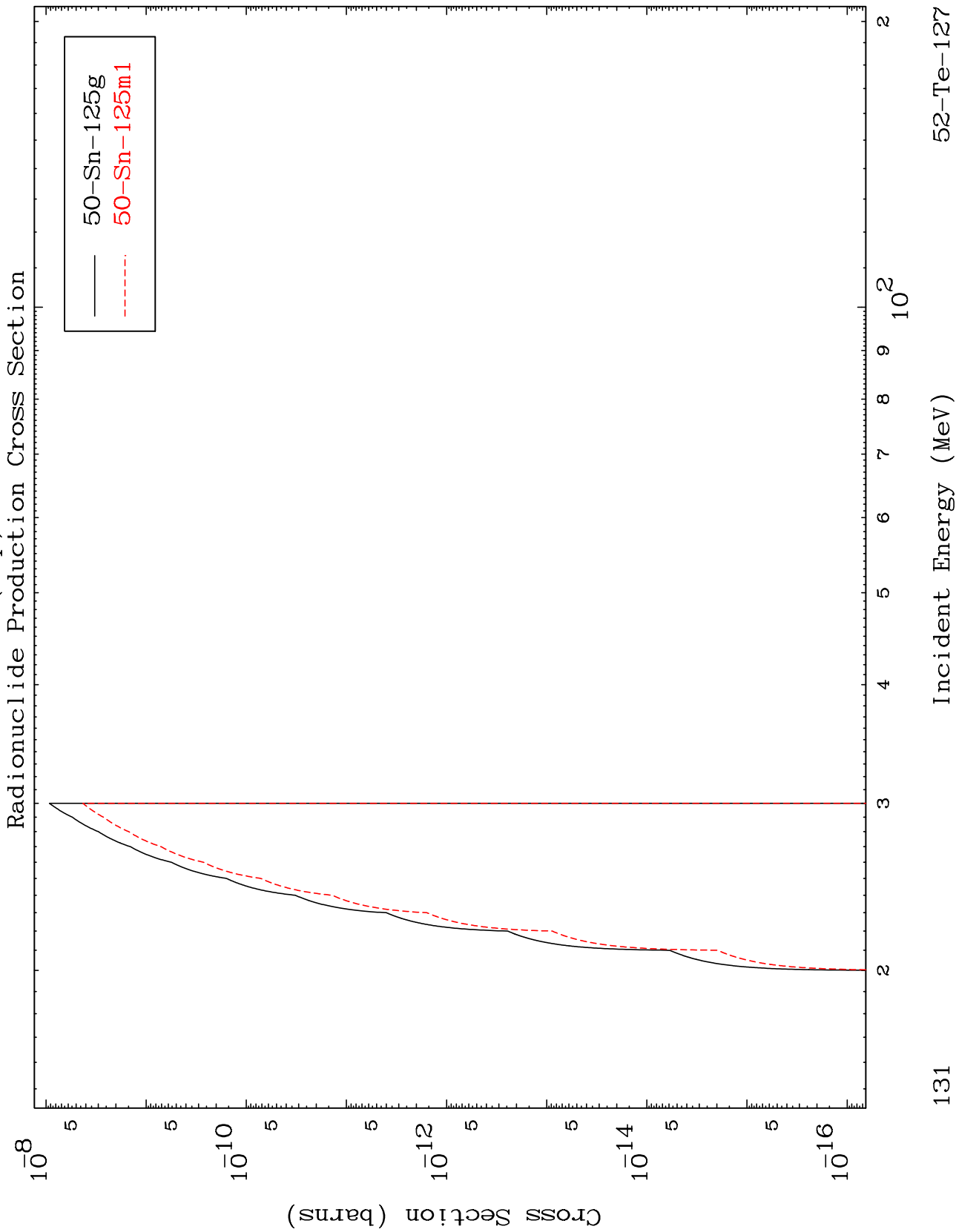
52-Te-127



MAT 5246

(n,p) d

52-Te-127



131

52-Te-127