

Program EVALPLOT
(Version 2015-2)

by

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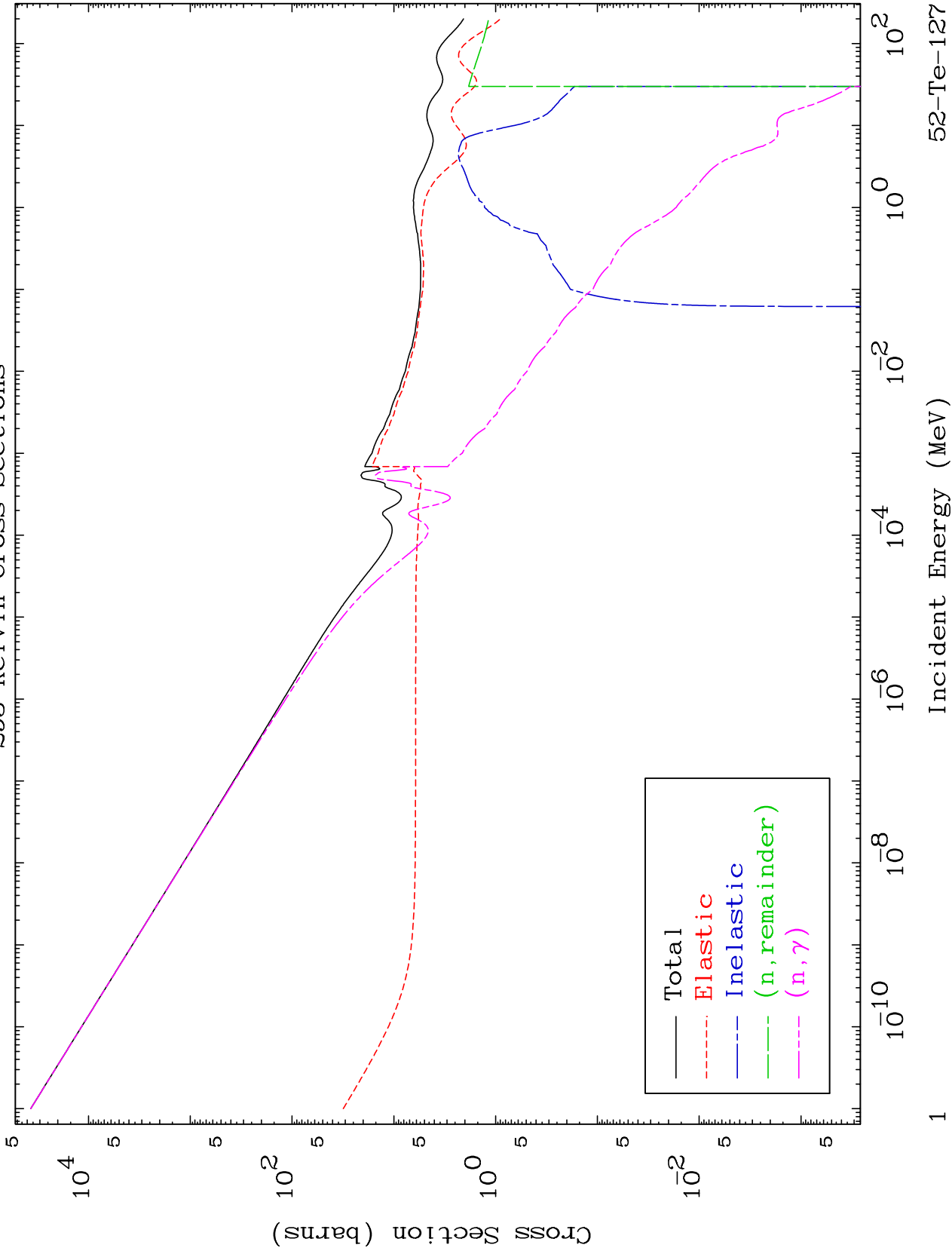
Press Mouse Button to Start

MAT 5246

Major

293 Kelvin Cross Sections

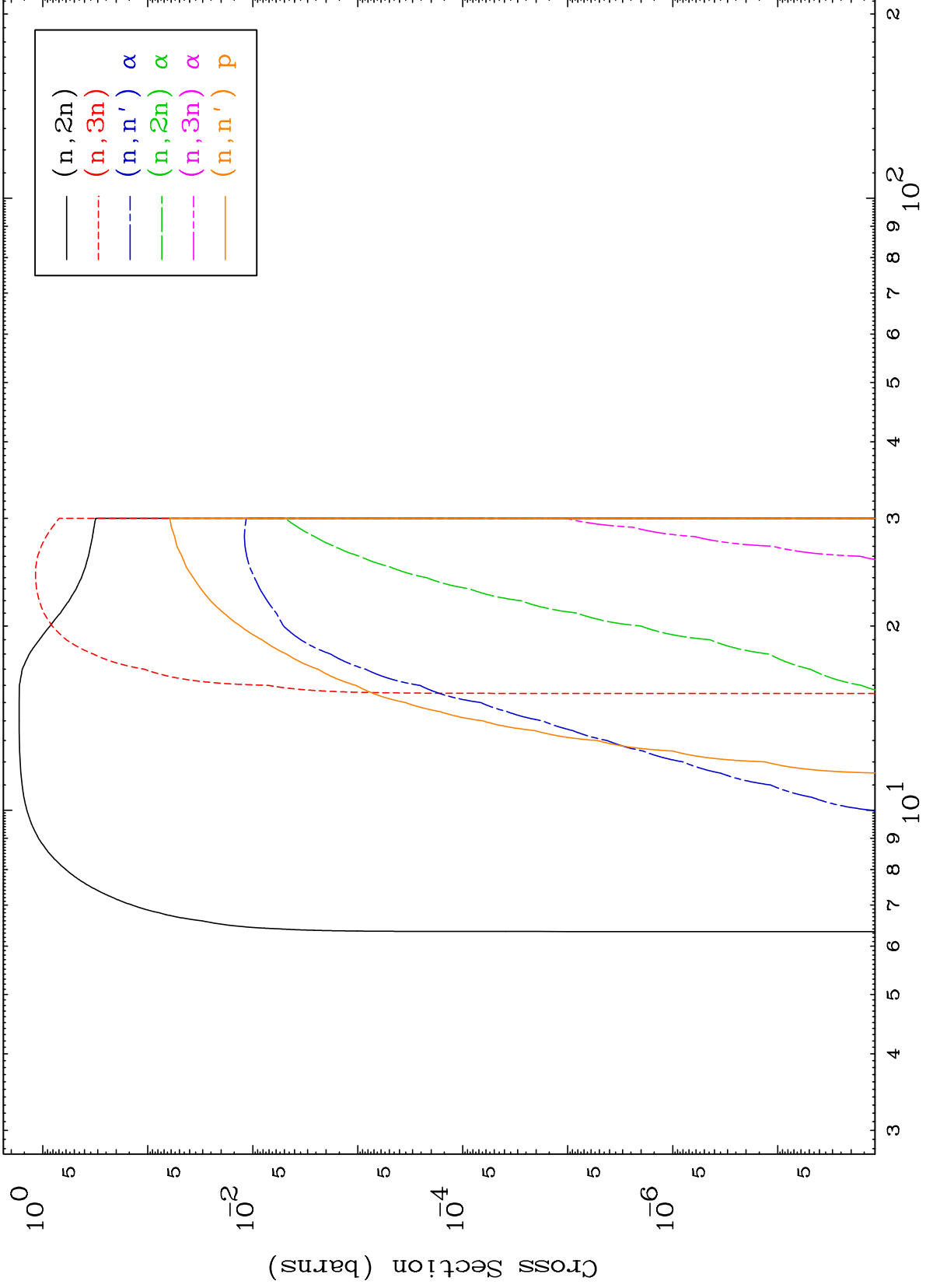
52-Te-127



MAT 5246

Neutron Production
293 Kelvin Cross Sections

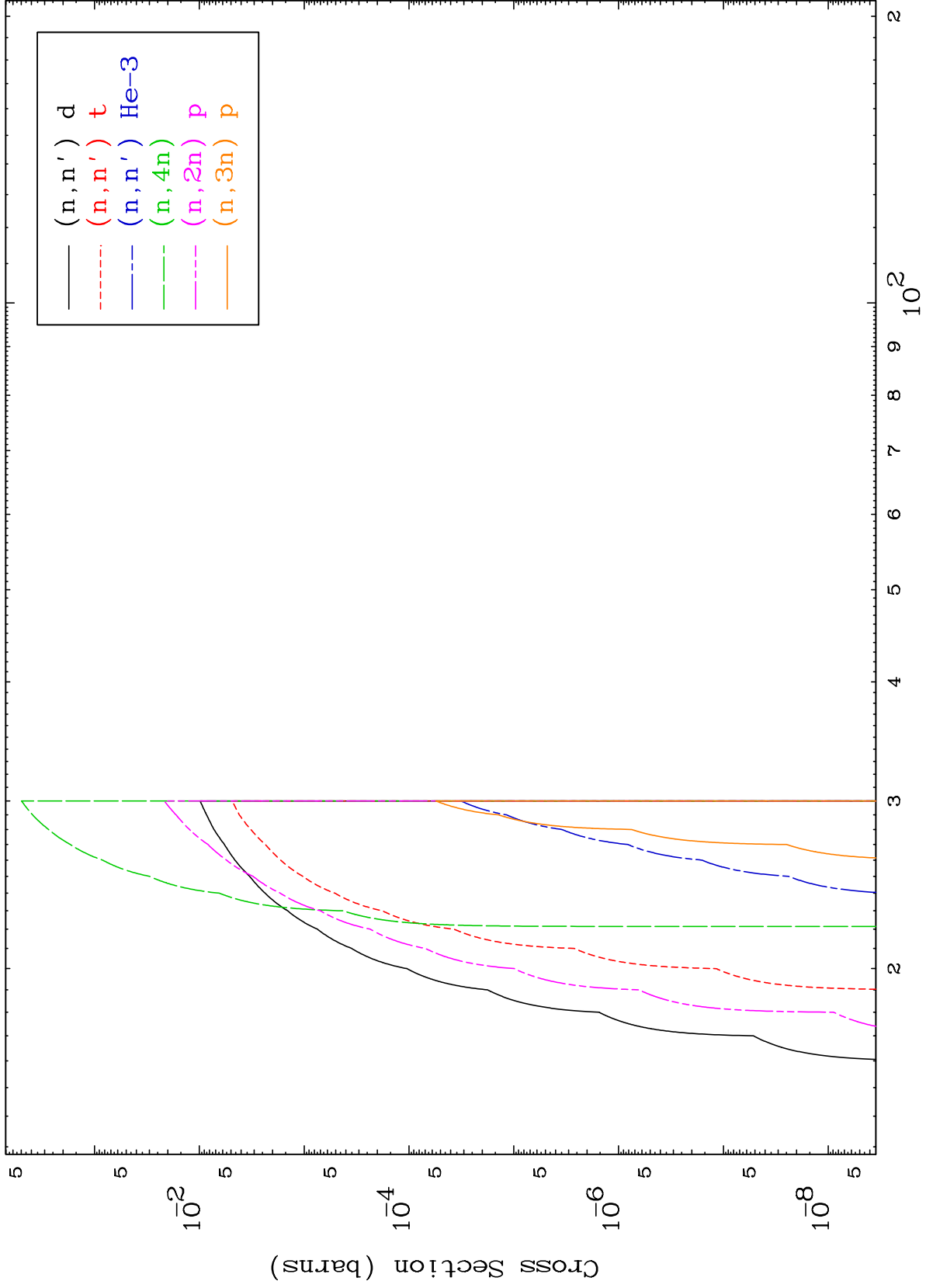
52-Te-127



2

Incident Energy (MeV)

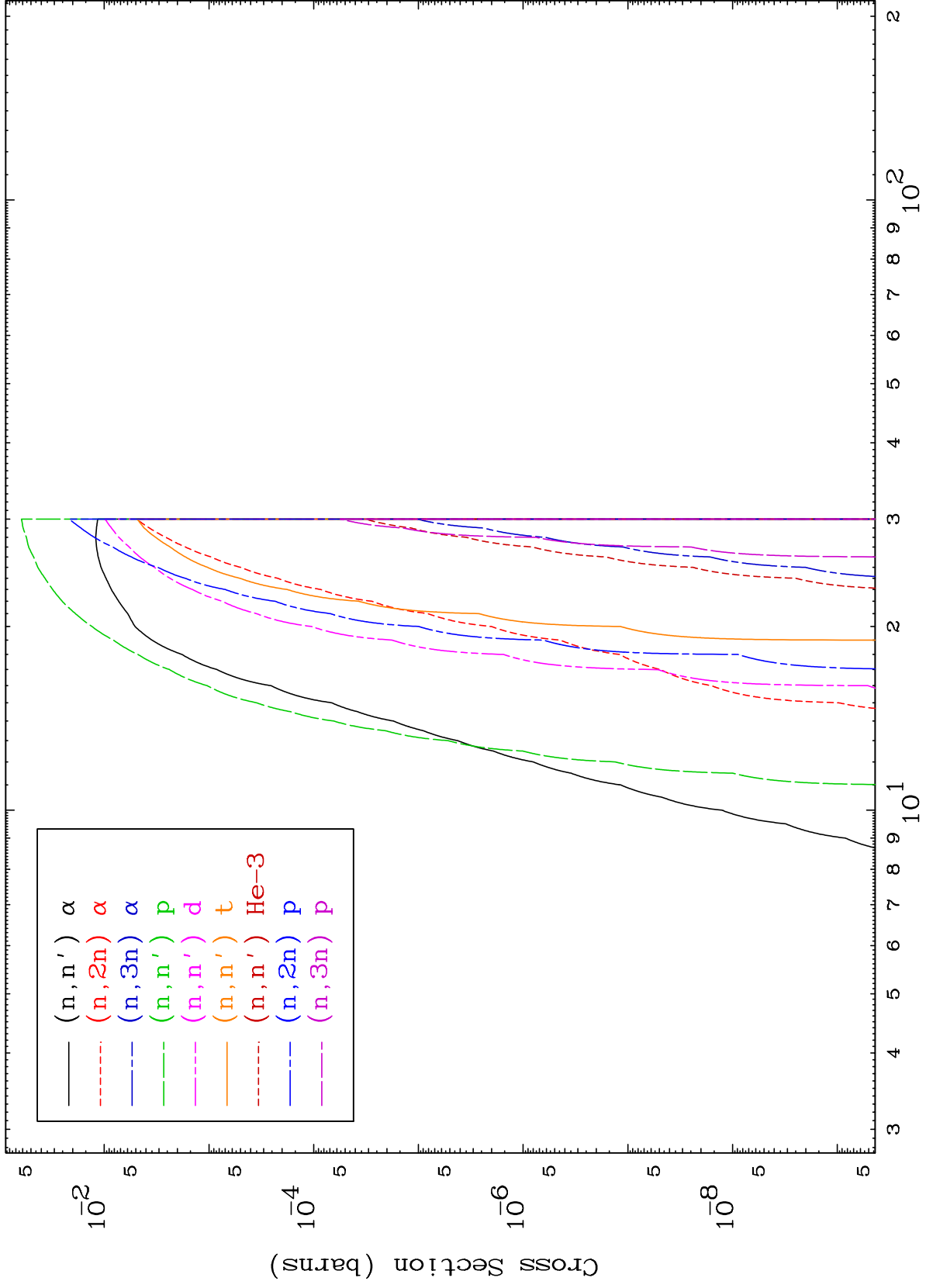
52-Te-127



MAT 5246

Charged Particle
293 Kelvin Cross Sections

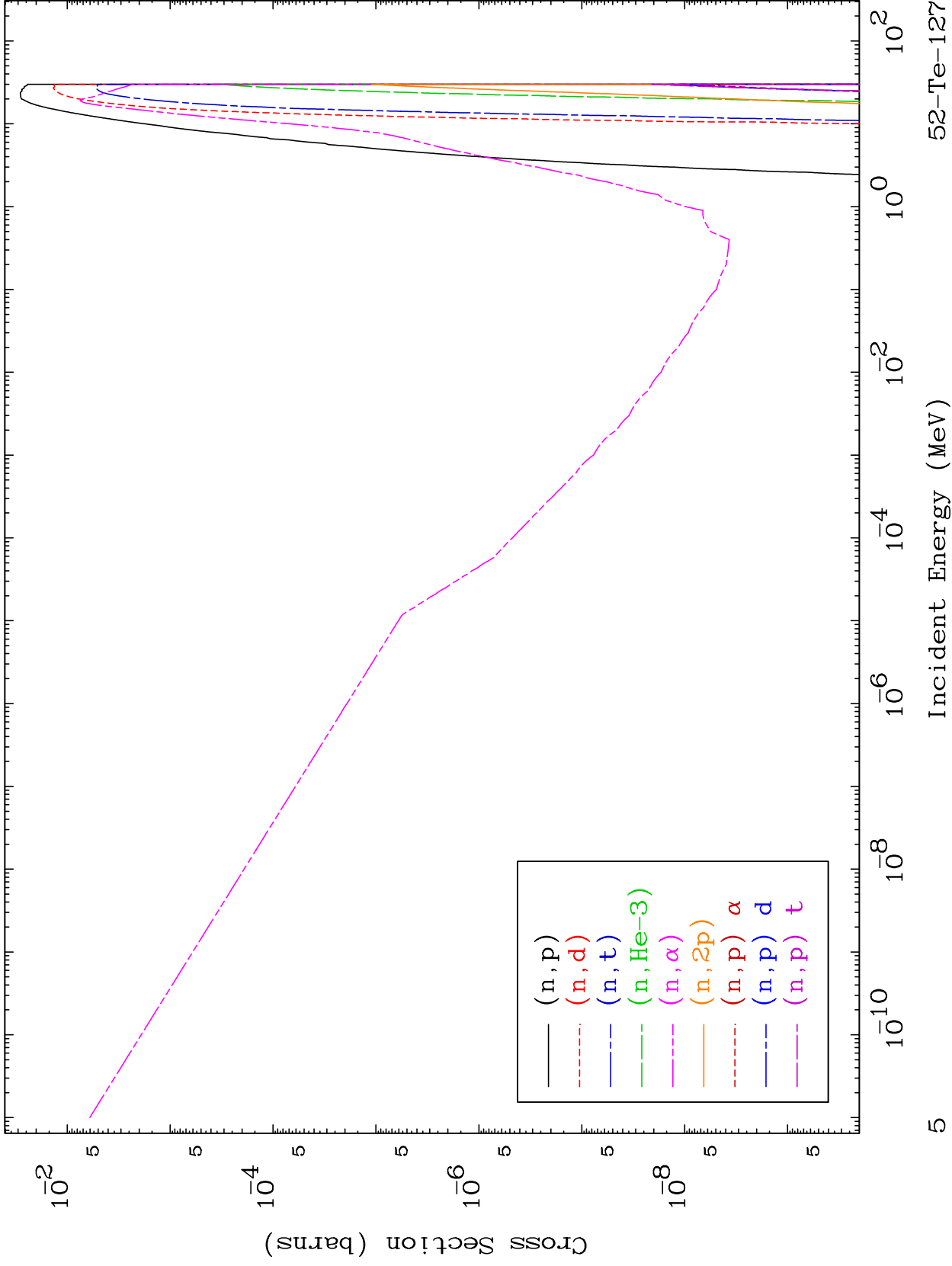
52-Te-127



MAT 5246

Charged Particle
293 Kelvin Cross Sections

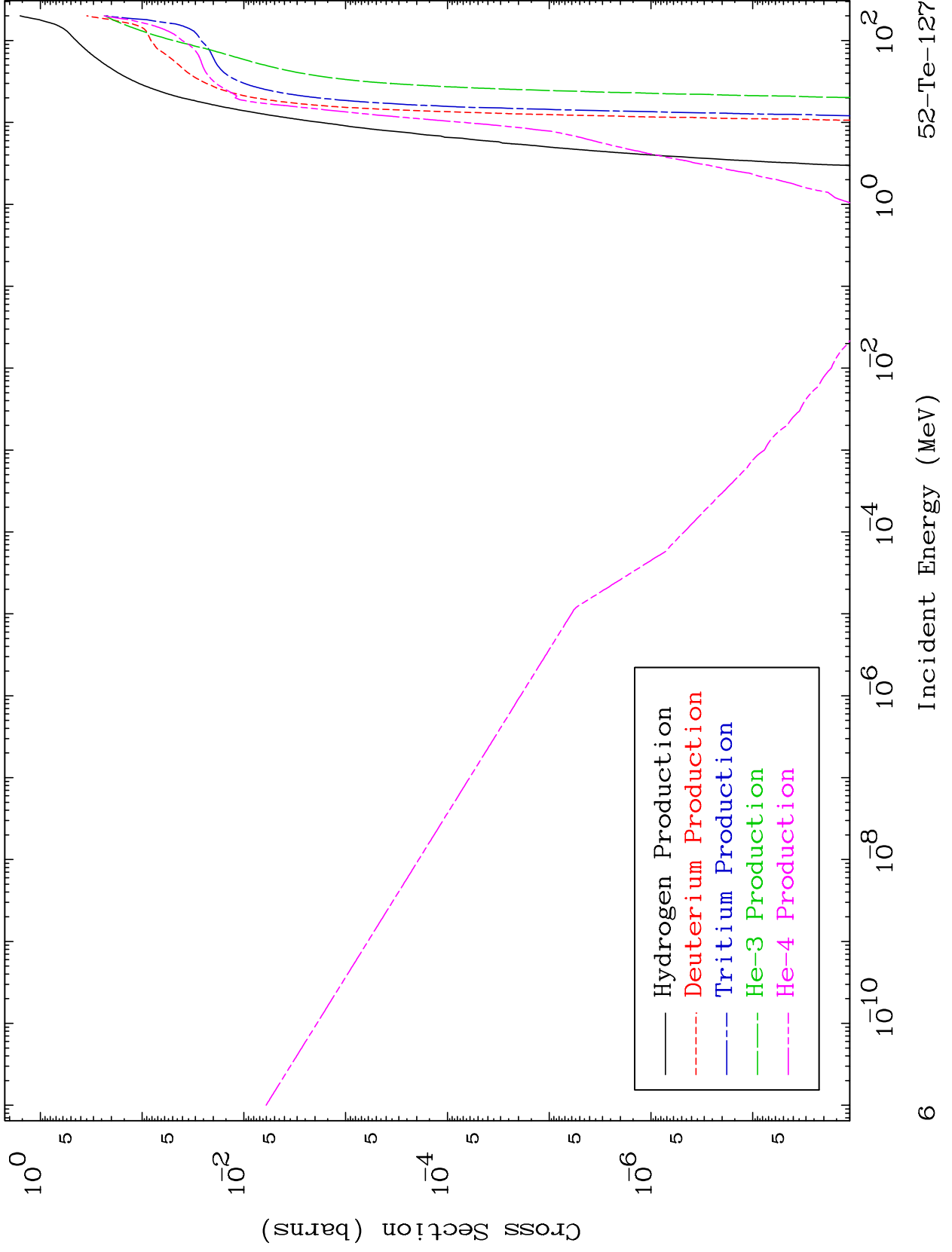
52-Te-127



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Particle Production
293 Kelvin Cross Sections

52-Te-127

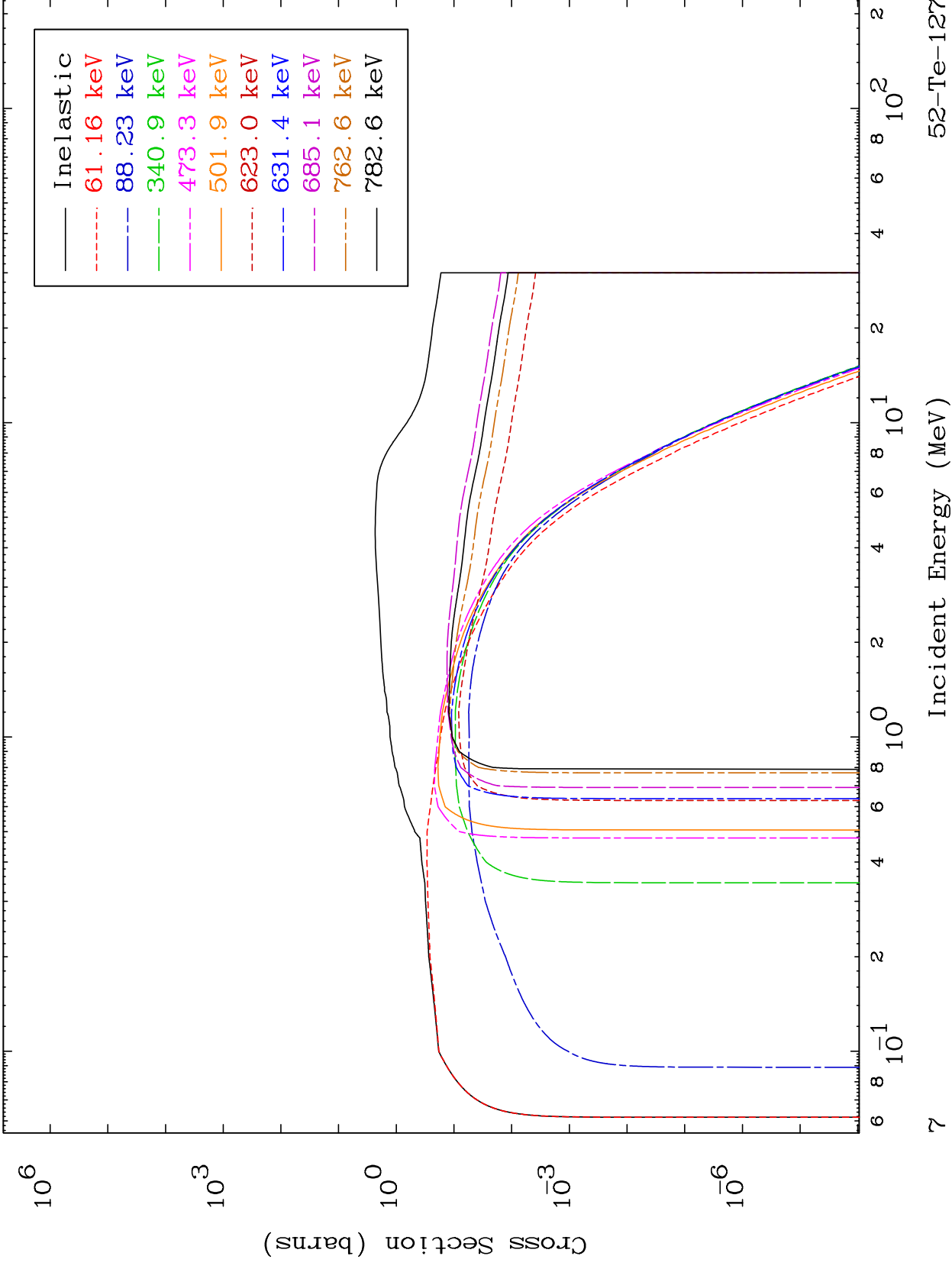


MAT 5246

(n,n') Level

52-Te-127

293 Kelvin Cross Sections



52-Te-127

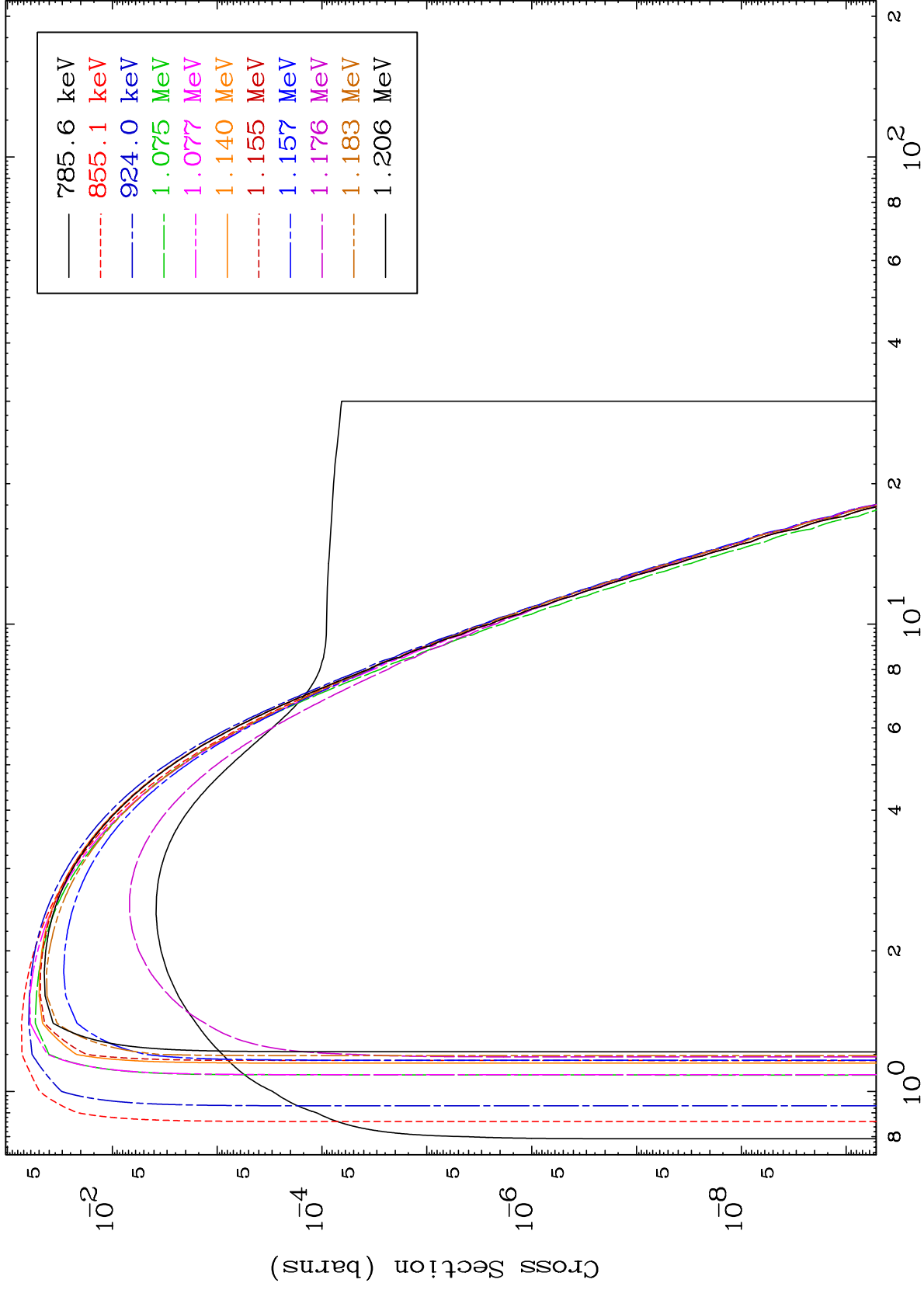
Incident Energy (MeV)

7

MAT 5246

(n,n') Level
293 Kelvin Cross Sections

52-Te-127

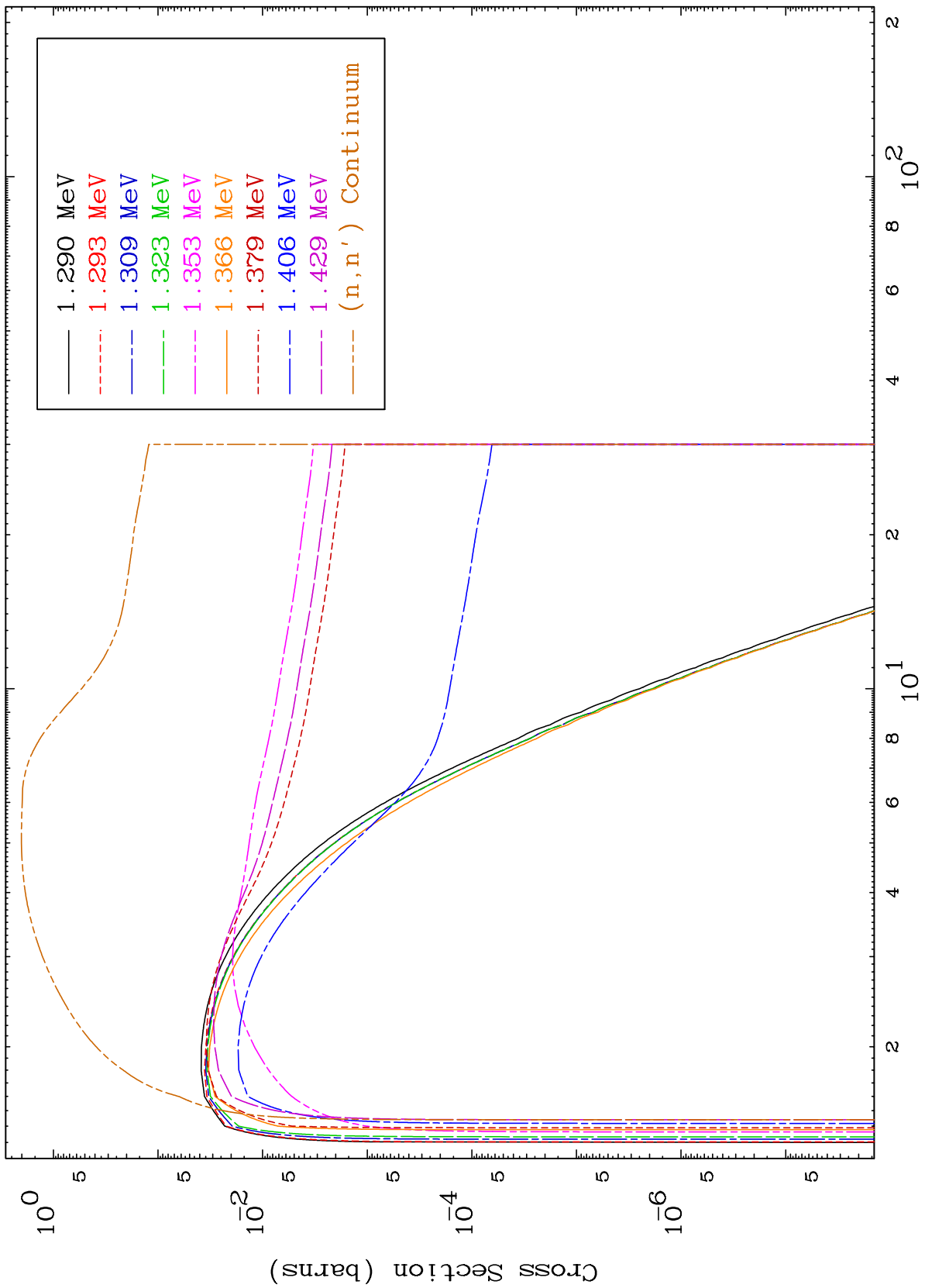


Incident Energy (MeV)

52-Te-127

8

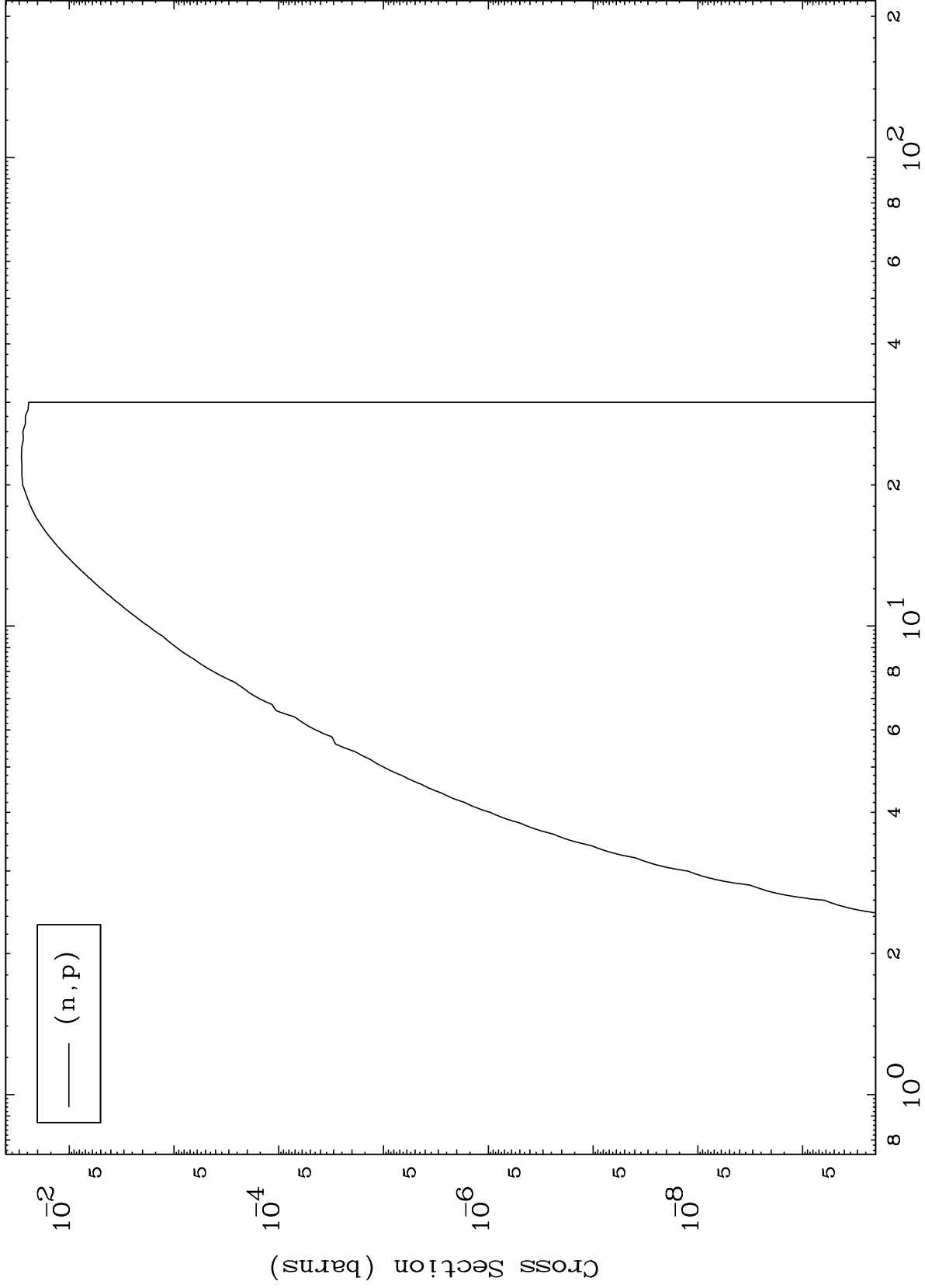
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

52-Te-127



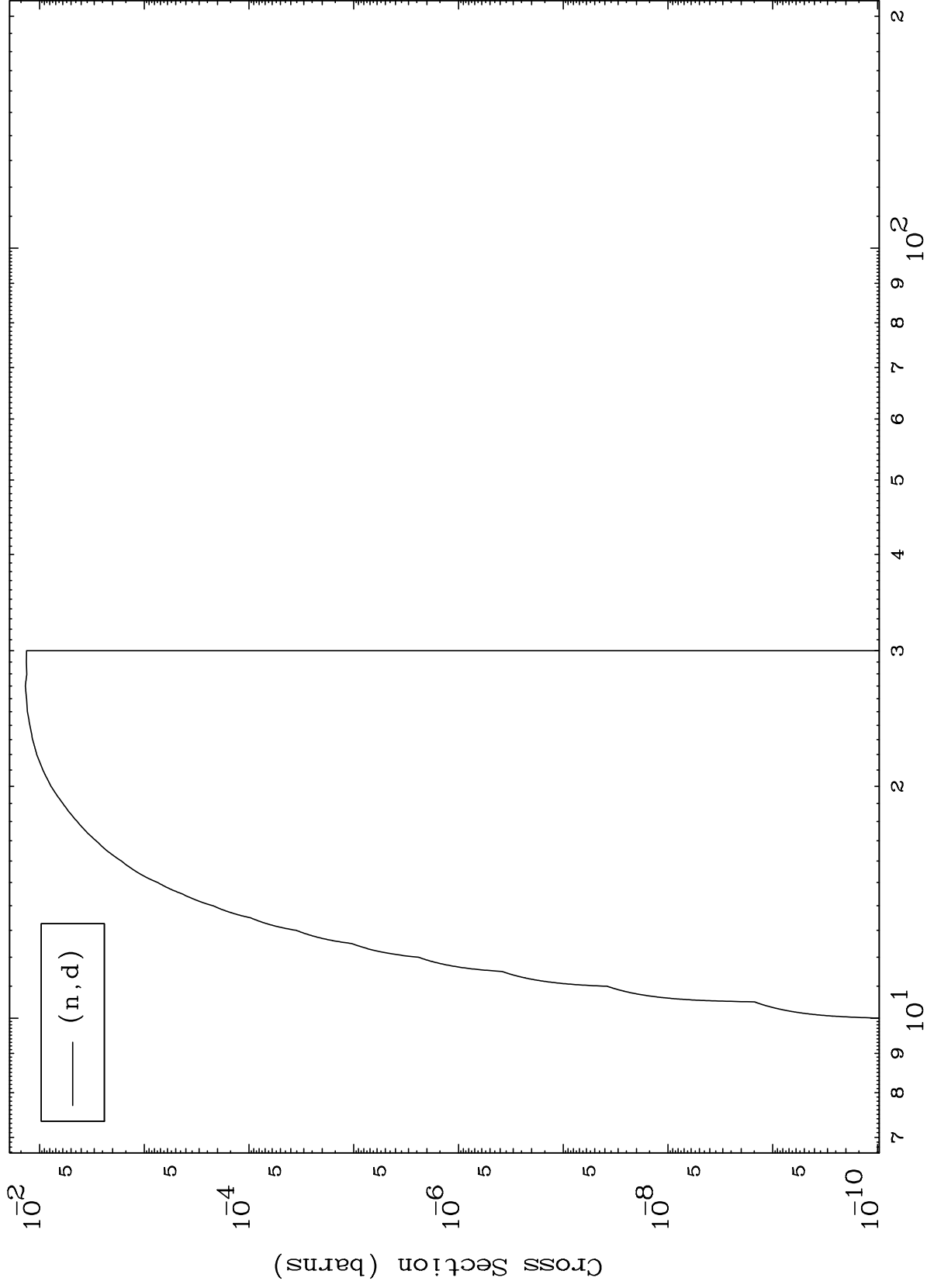
Incident Energy (MeV)

52-Te-127

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(n,d) Levels
293 Kelvin Cross Sections

52-Te-127



11

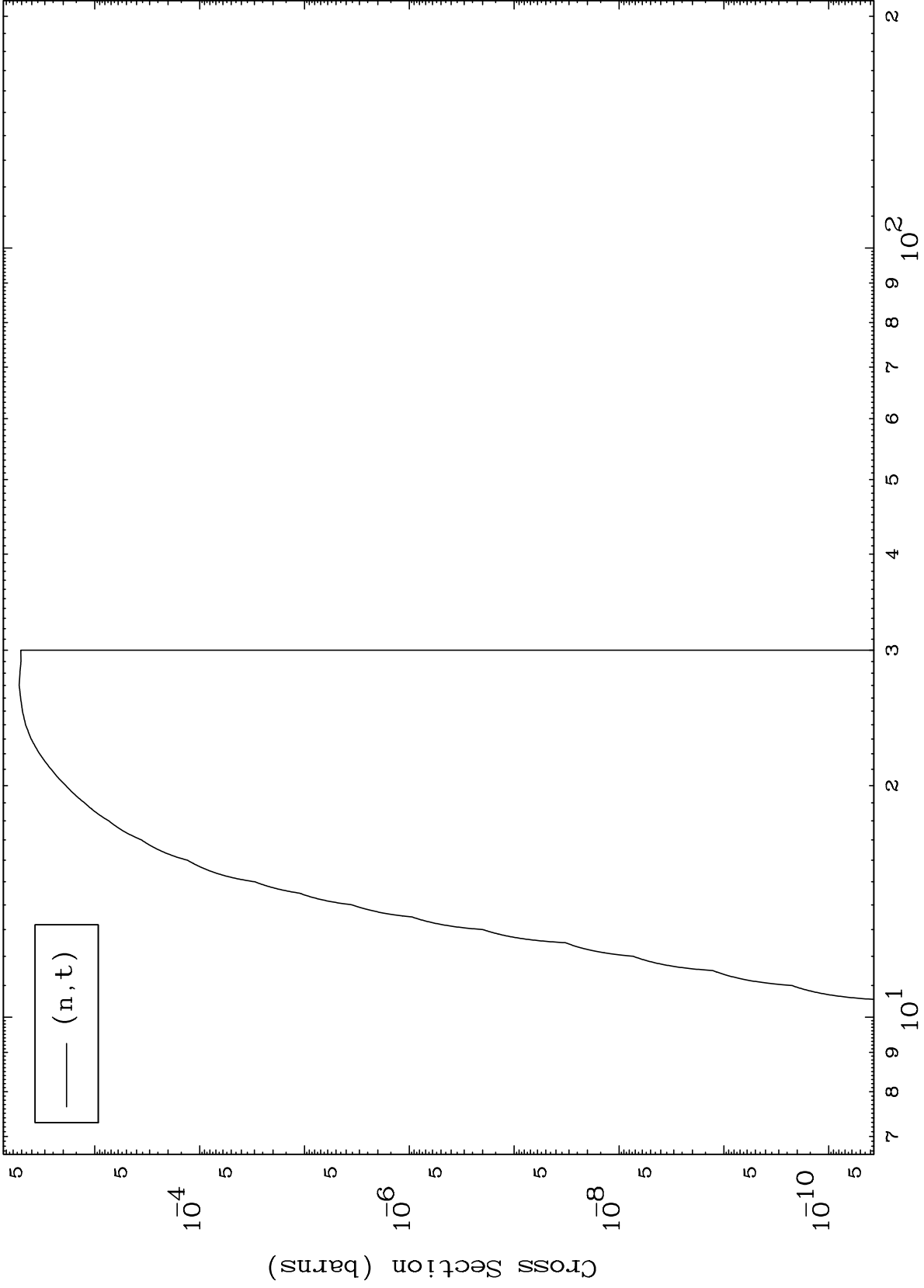
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,t) Levels
293 Kelvin Cross Sections

52-Te-127



12

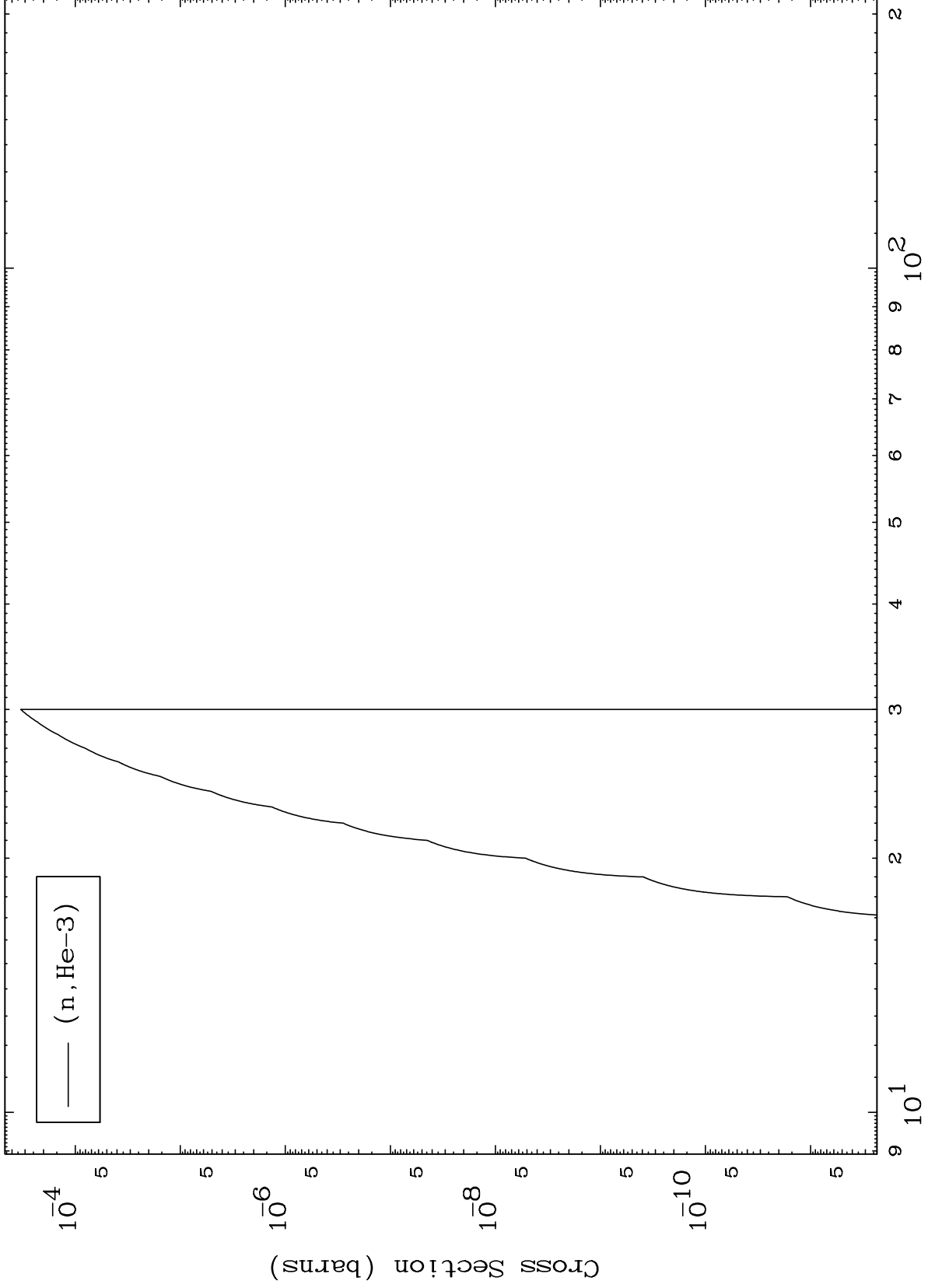
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-127



13

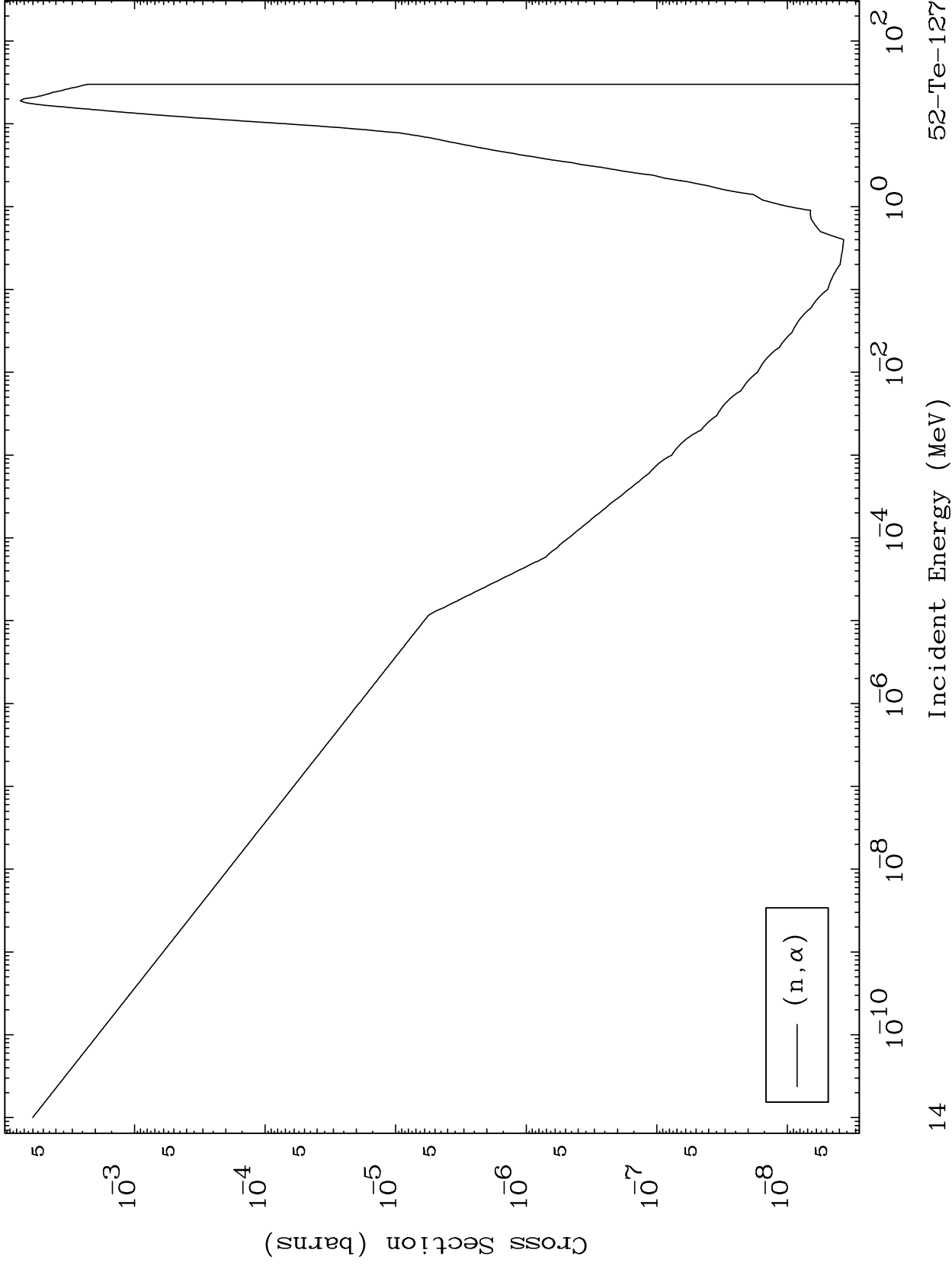
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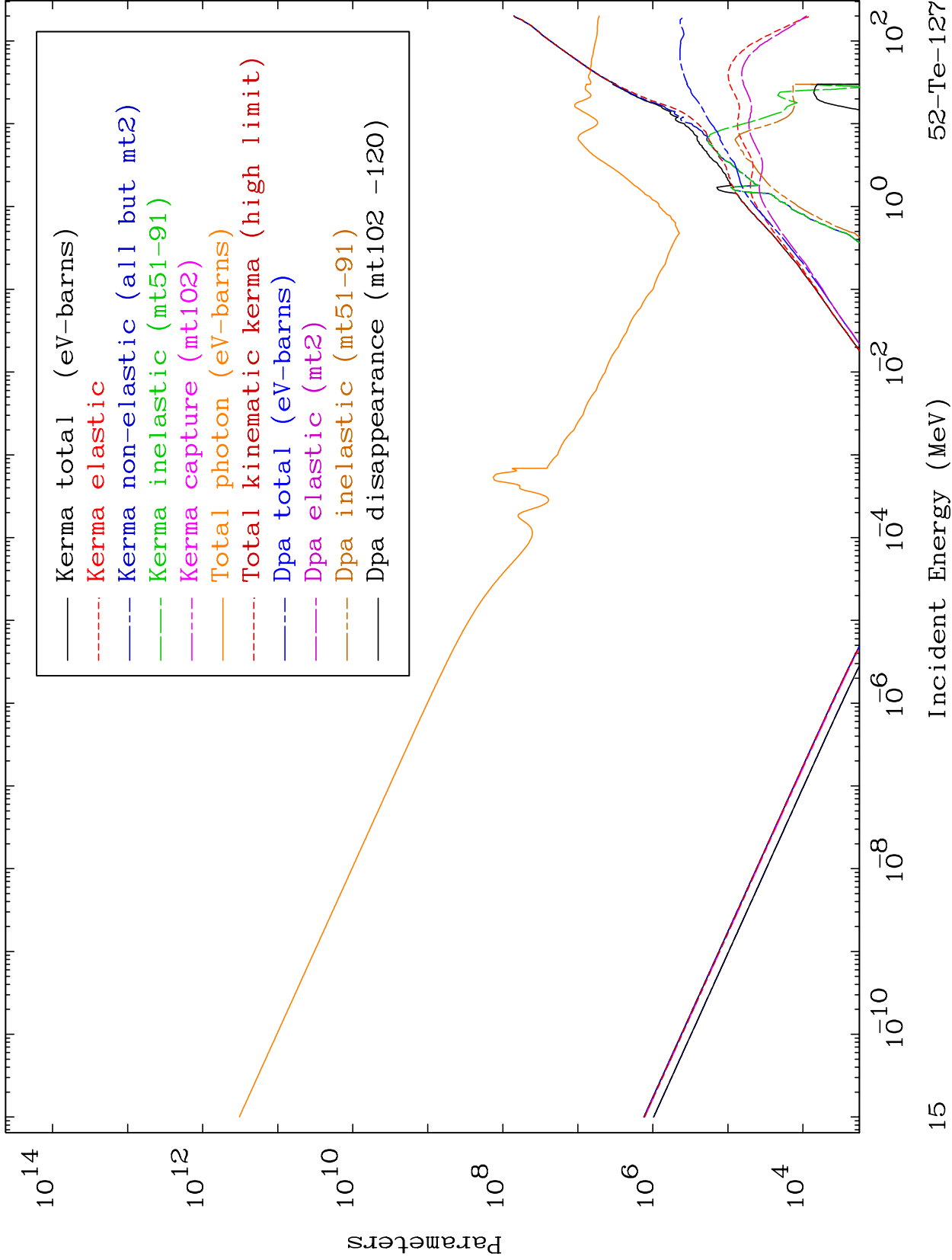
52-Te-127

MAT 5246

(n,α) Levels
293 Kelvin Cross Sections

52-Te-127

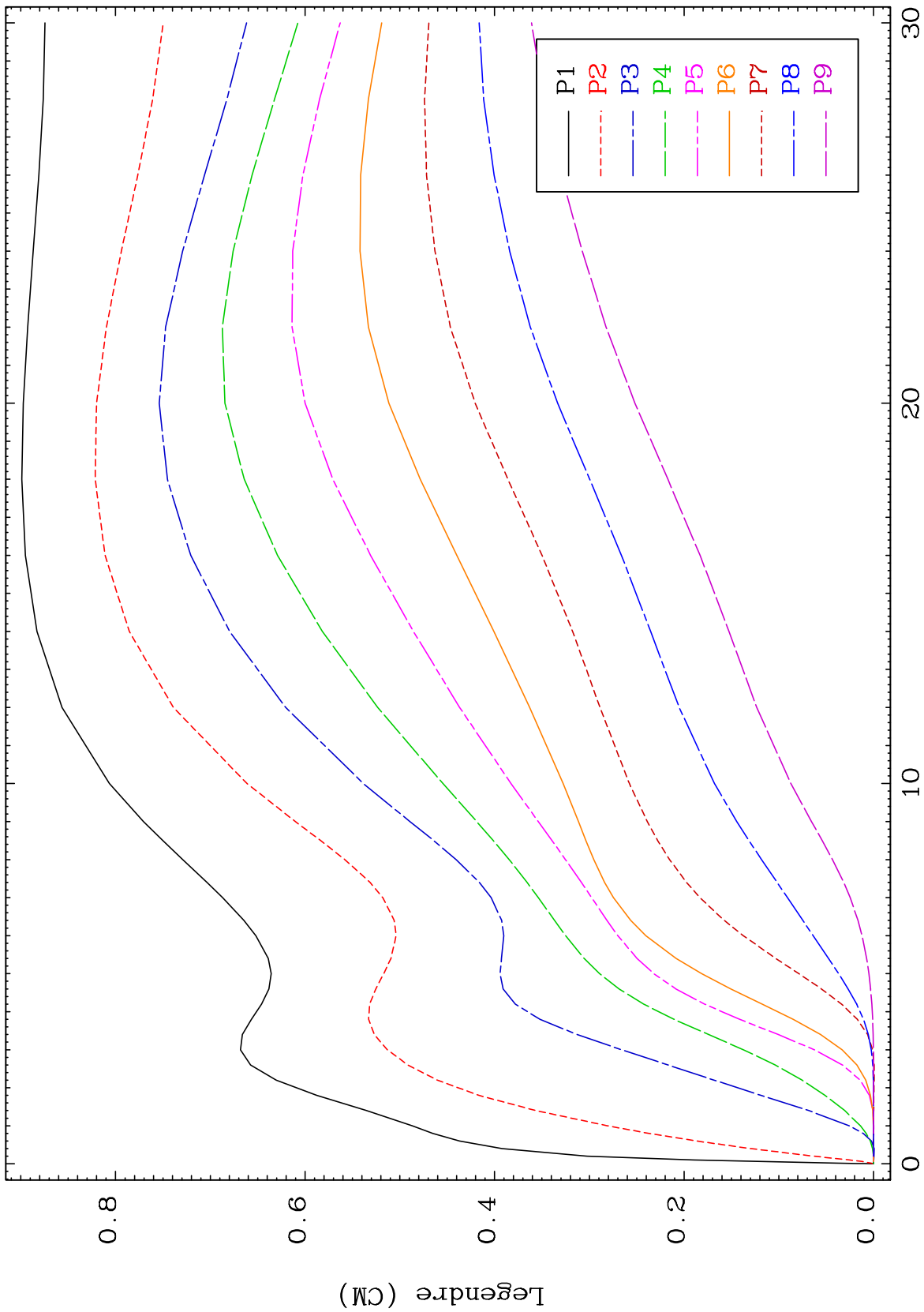




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Elastic Legendre Coefficients



52-Te-127

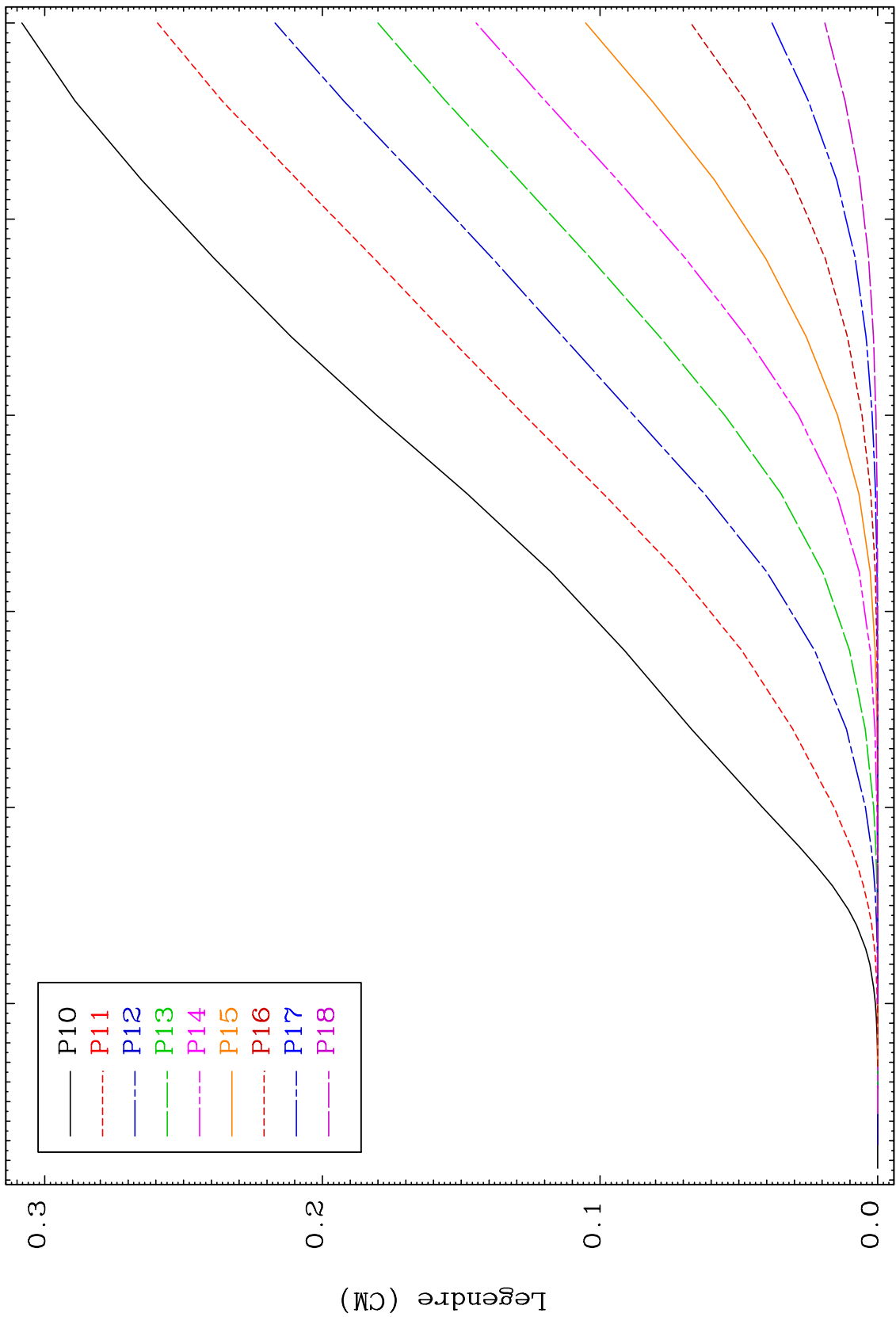
Incident Energy (MeV)

16

MAT 5246

Elastic Legendre Coefficients

52-Te-127



17

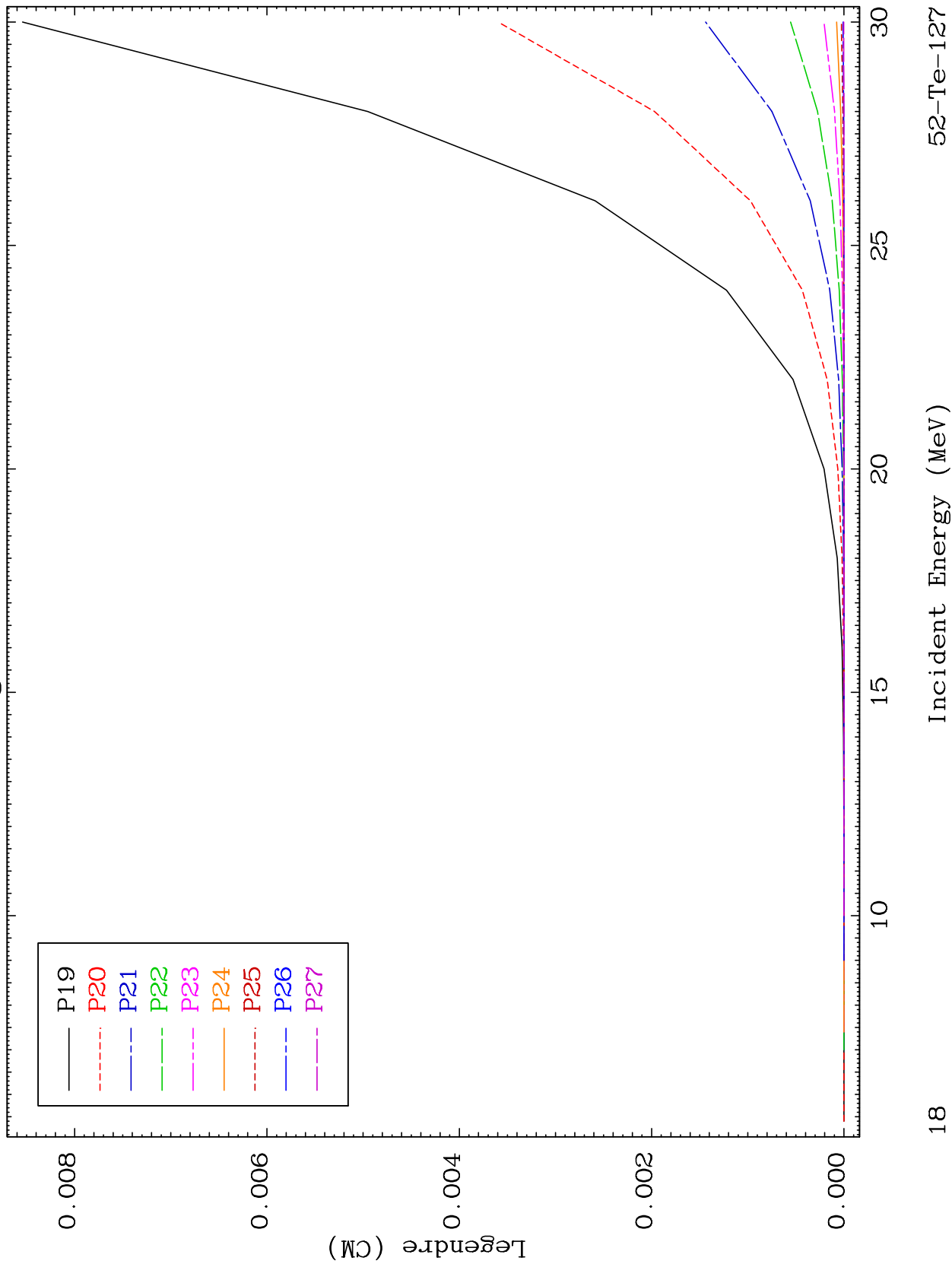
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

52-Te-127



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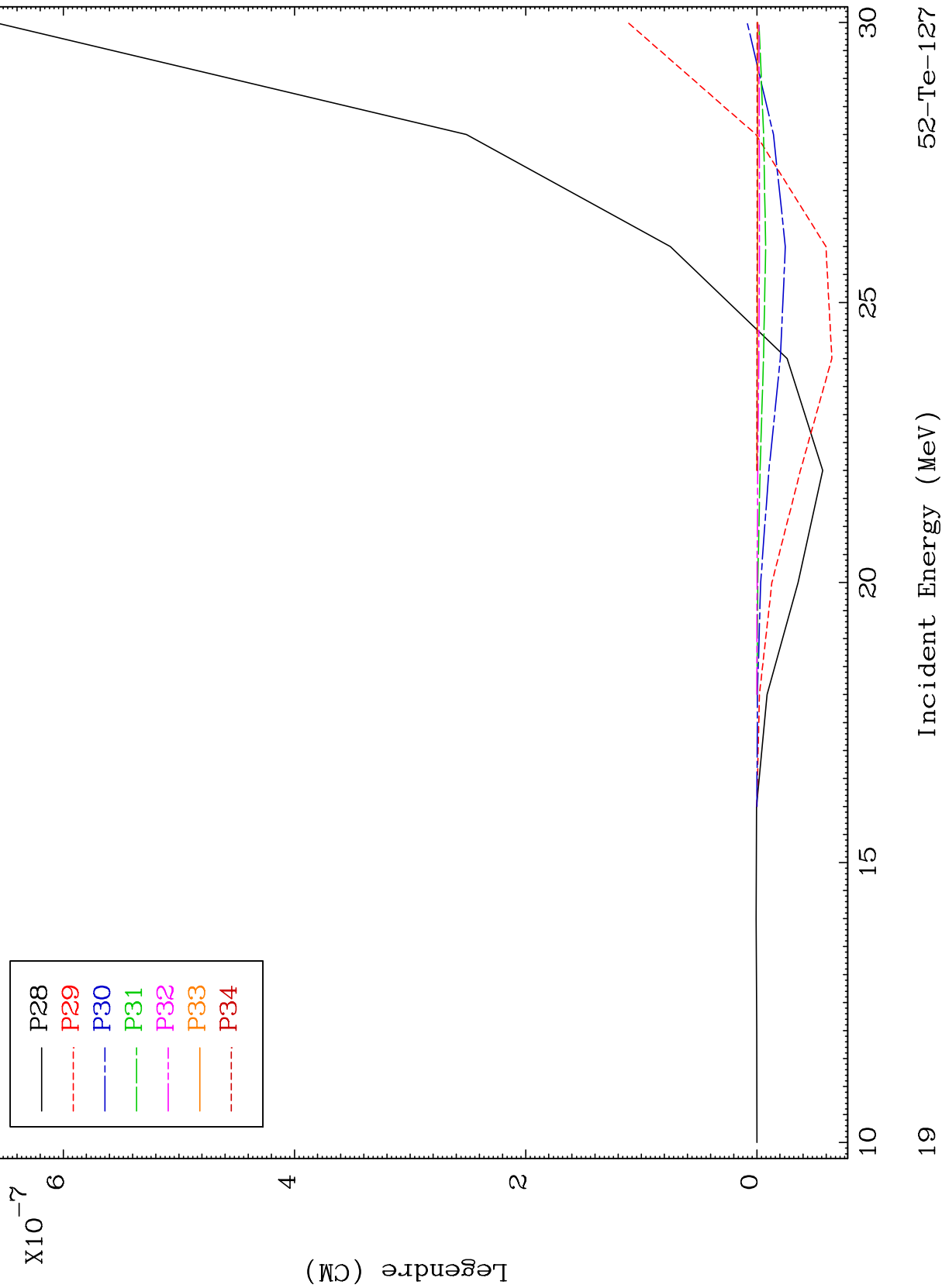
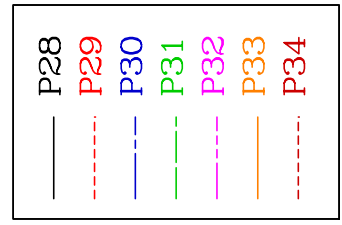
Incident Energy (MeV)

52-Te-127

MAT 5246

Elastic Legendre Coefficients

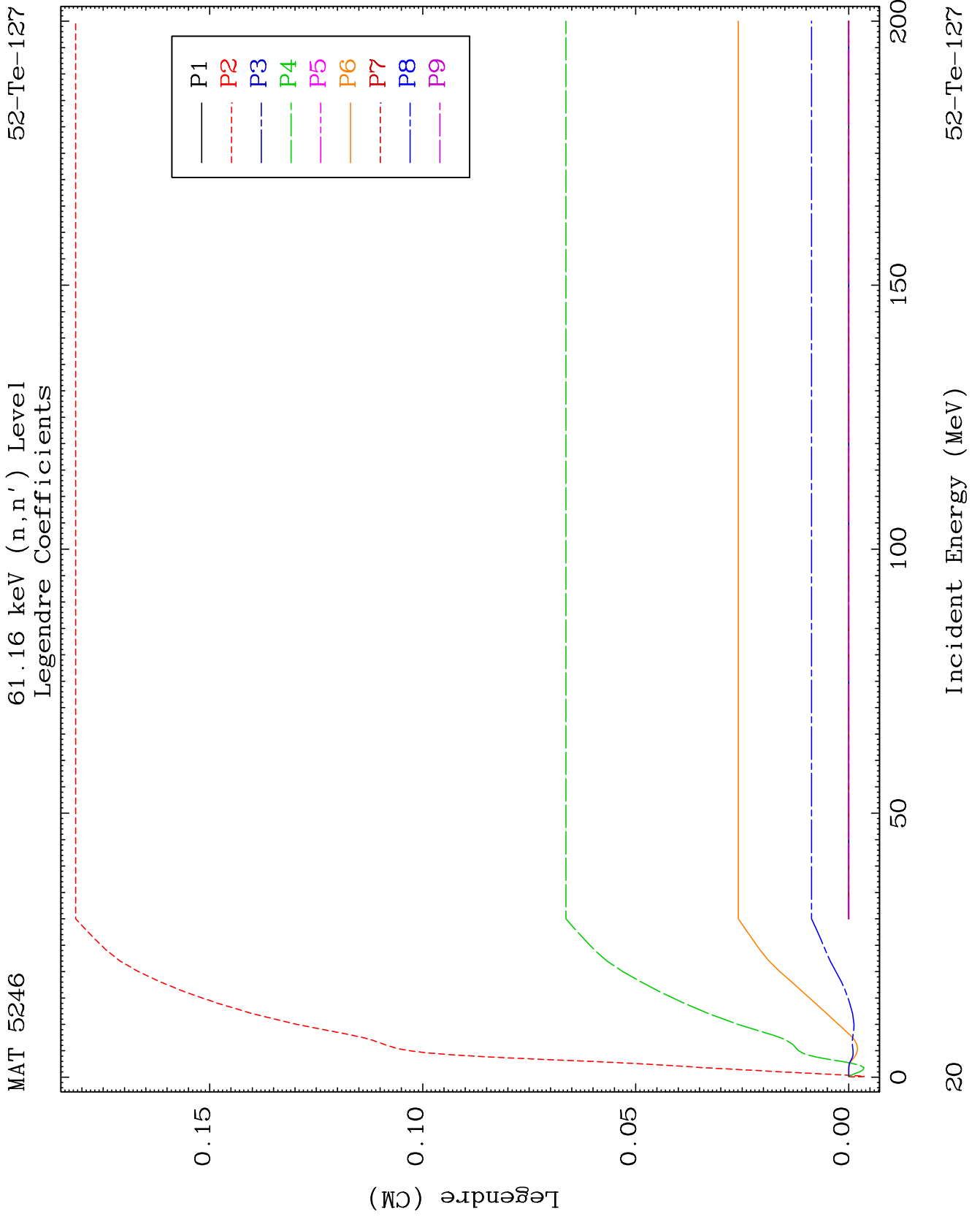
52-Te-127



19

Incident Energy (MeV)

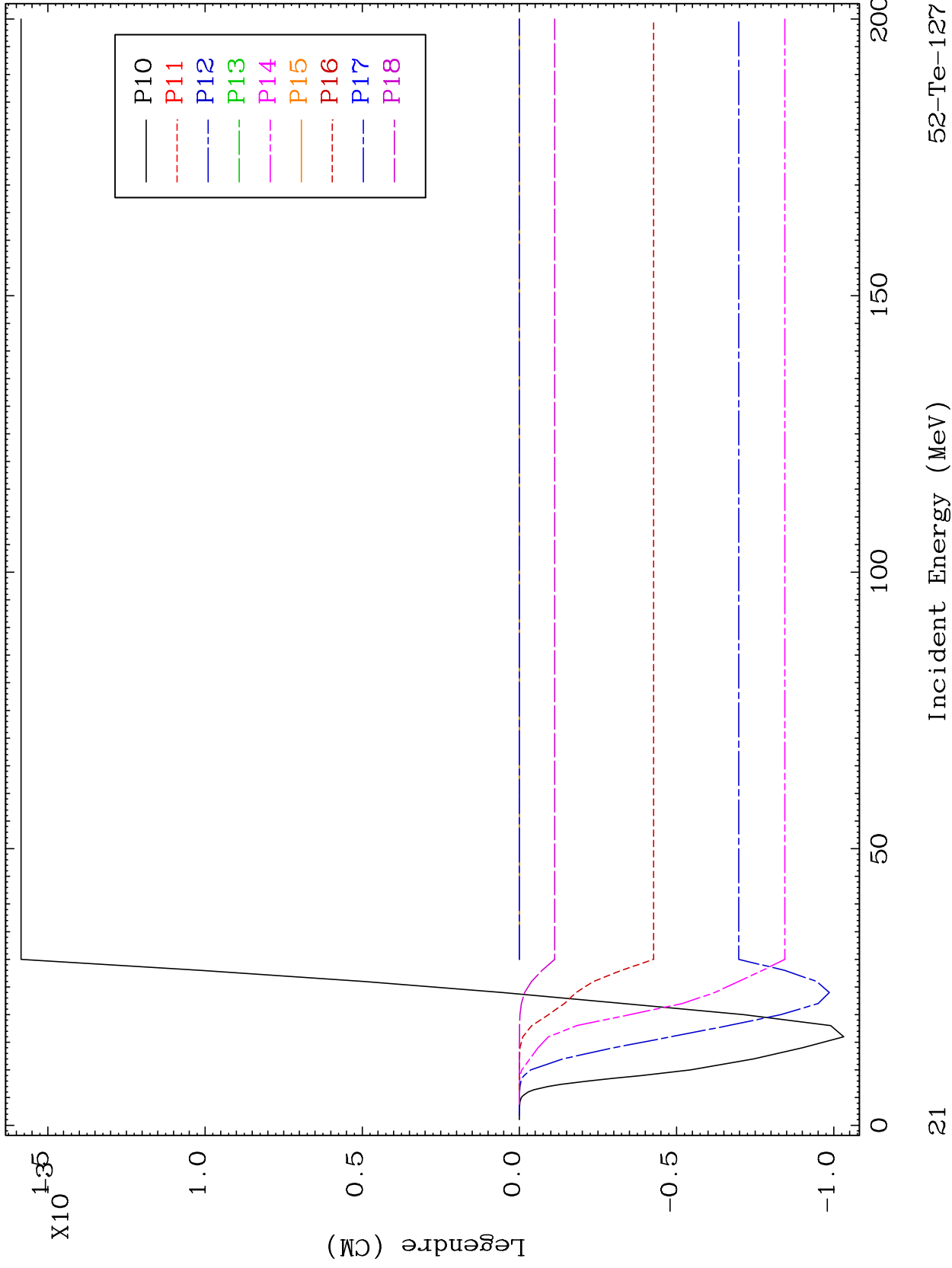
52-Te-127



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61.16 keV (n,n') Level
Legendre Coefficients

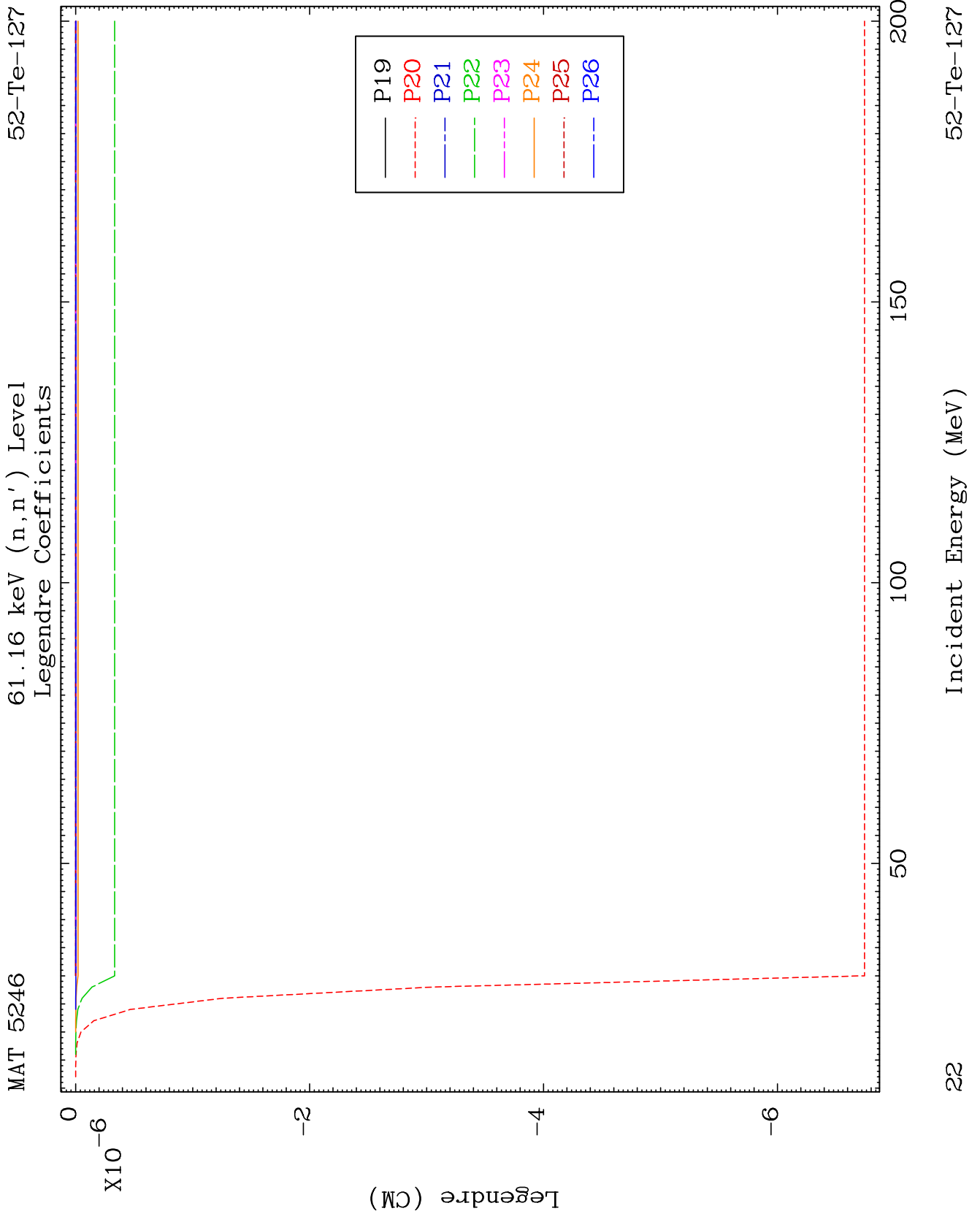
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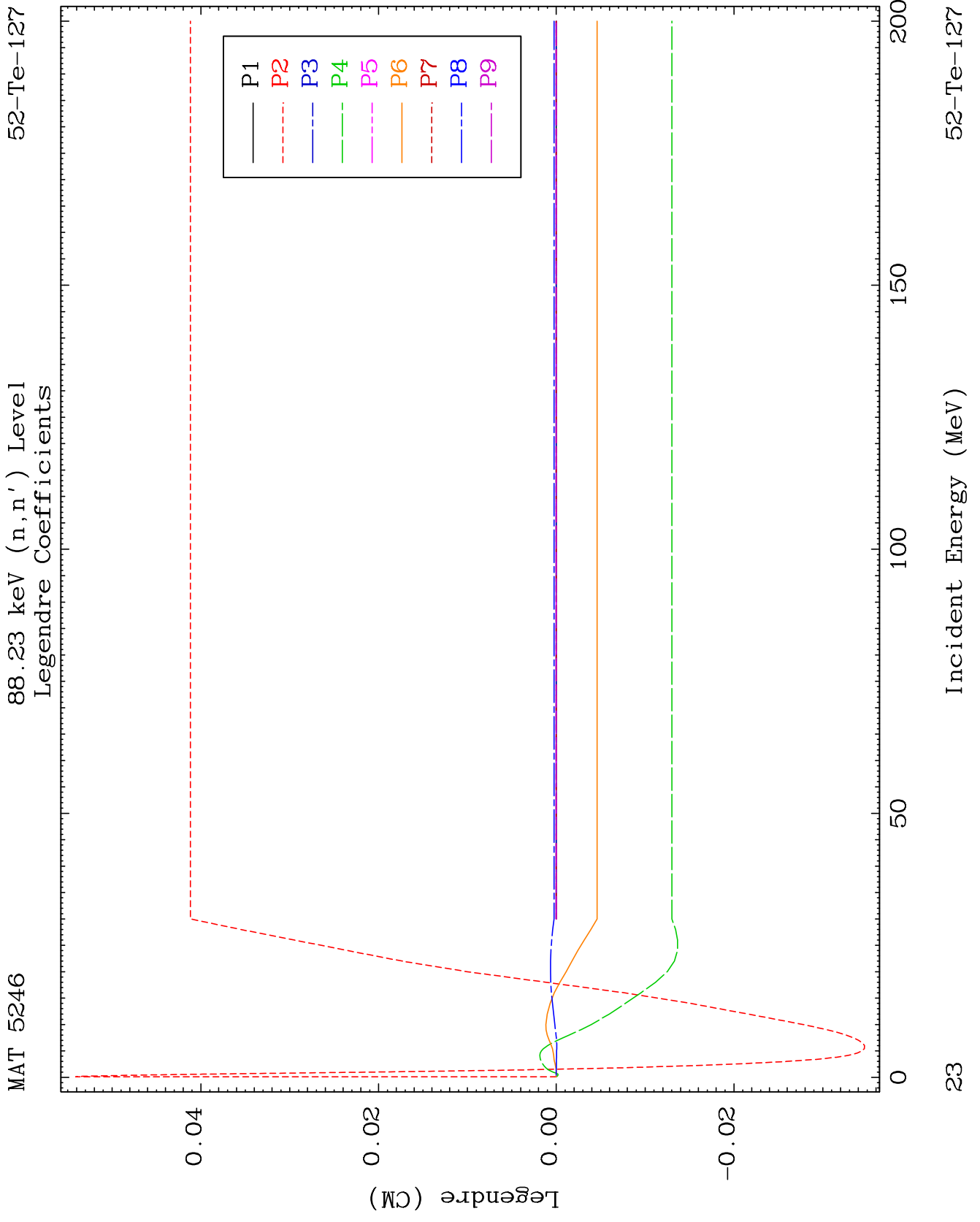


21

Incident Energy (MeV)

52-Te-127

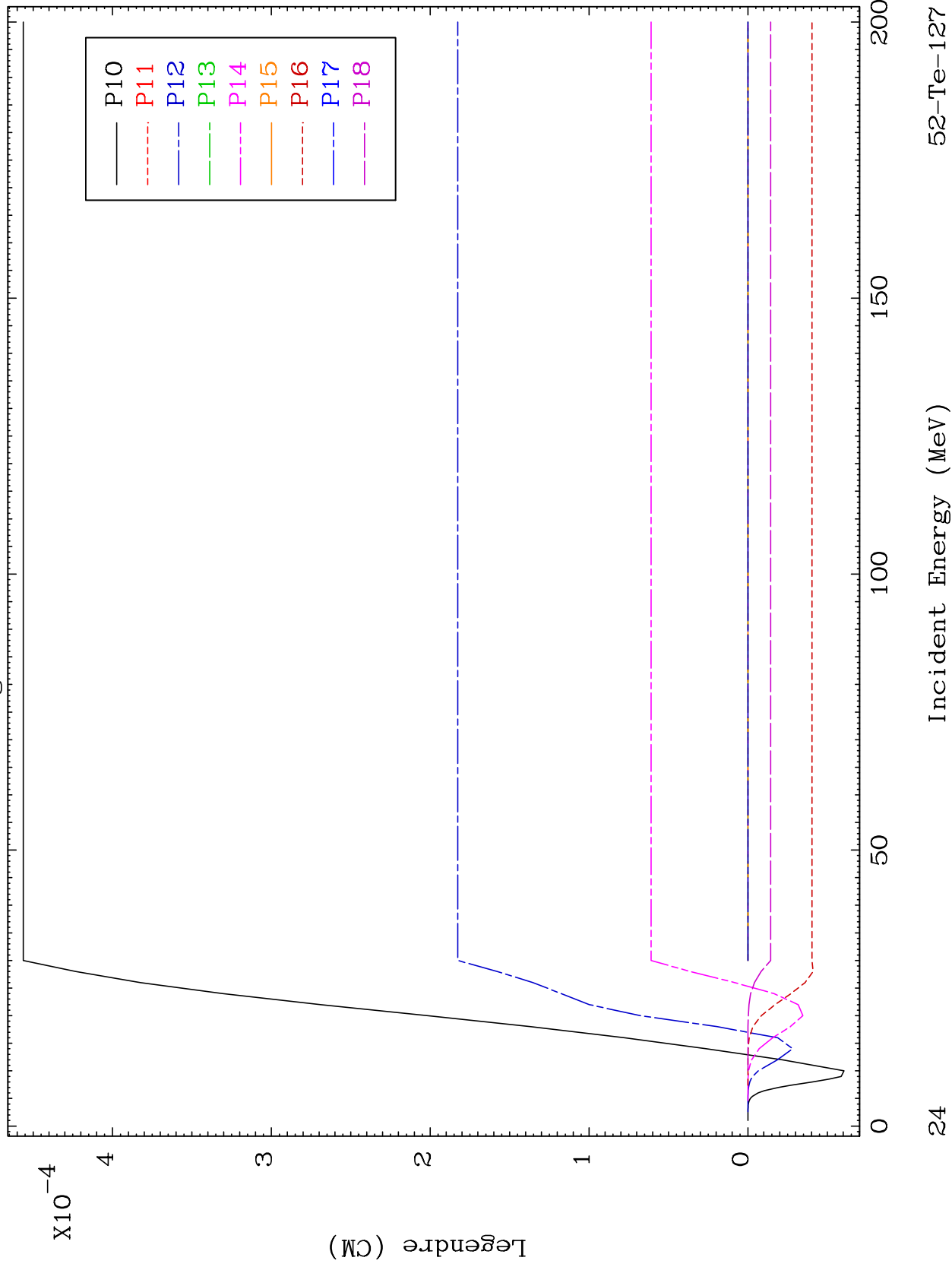




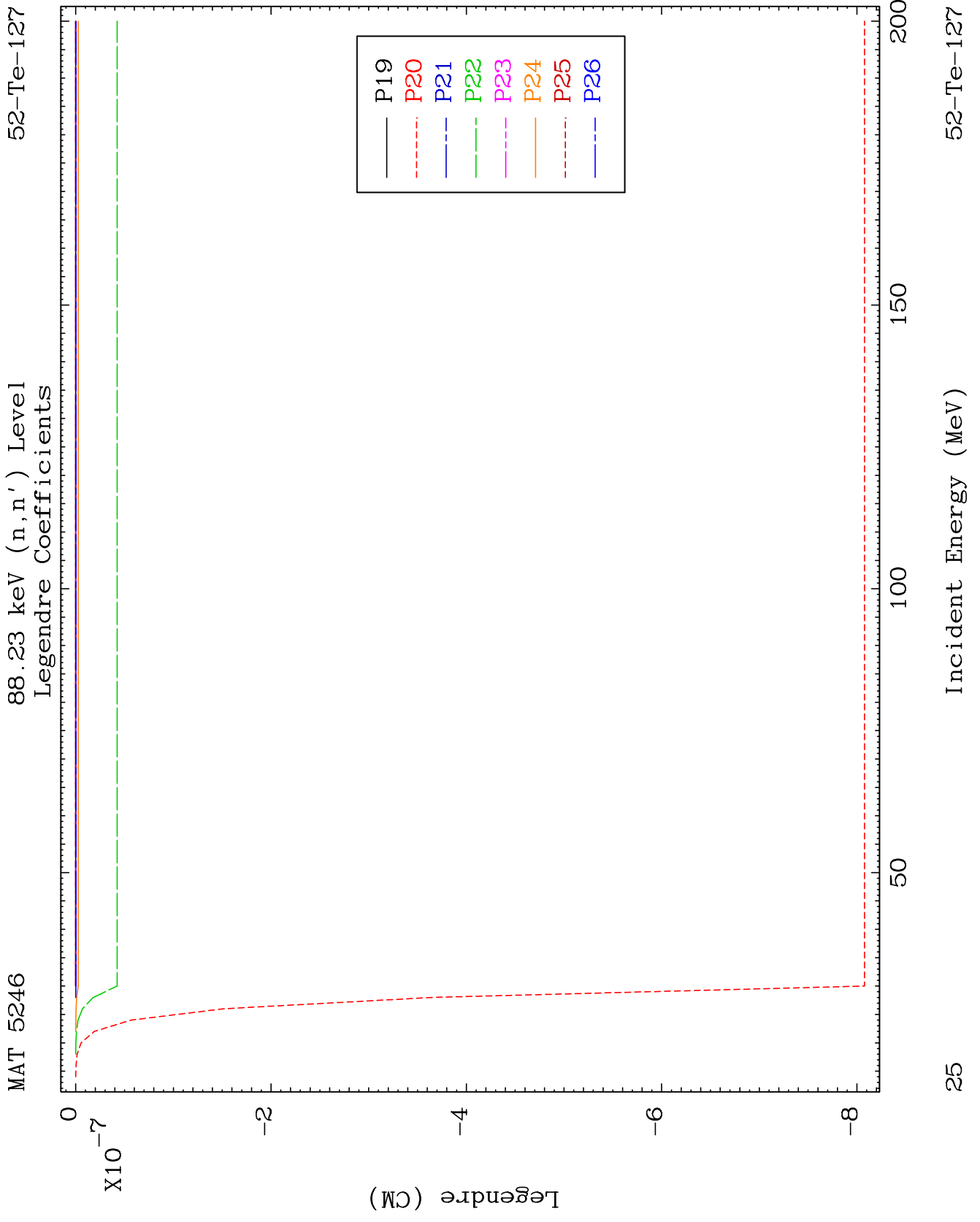
MAT 5246

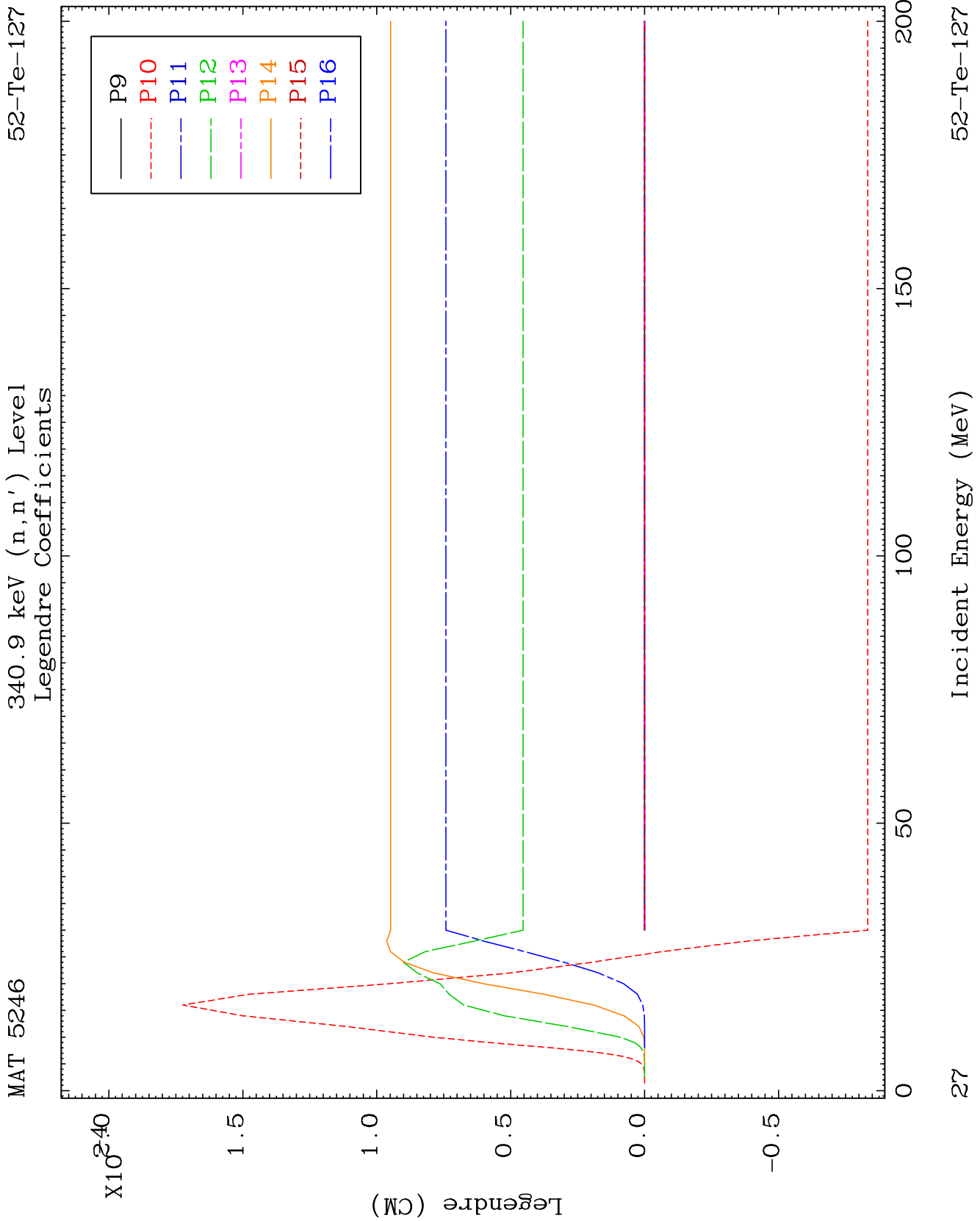
88.23 keV (n,n') Level
Legendre Coefficients

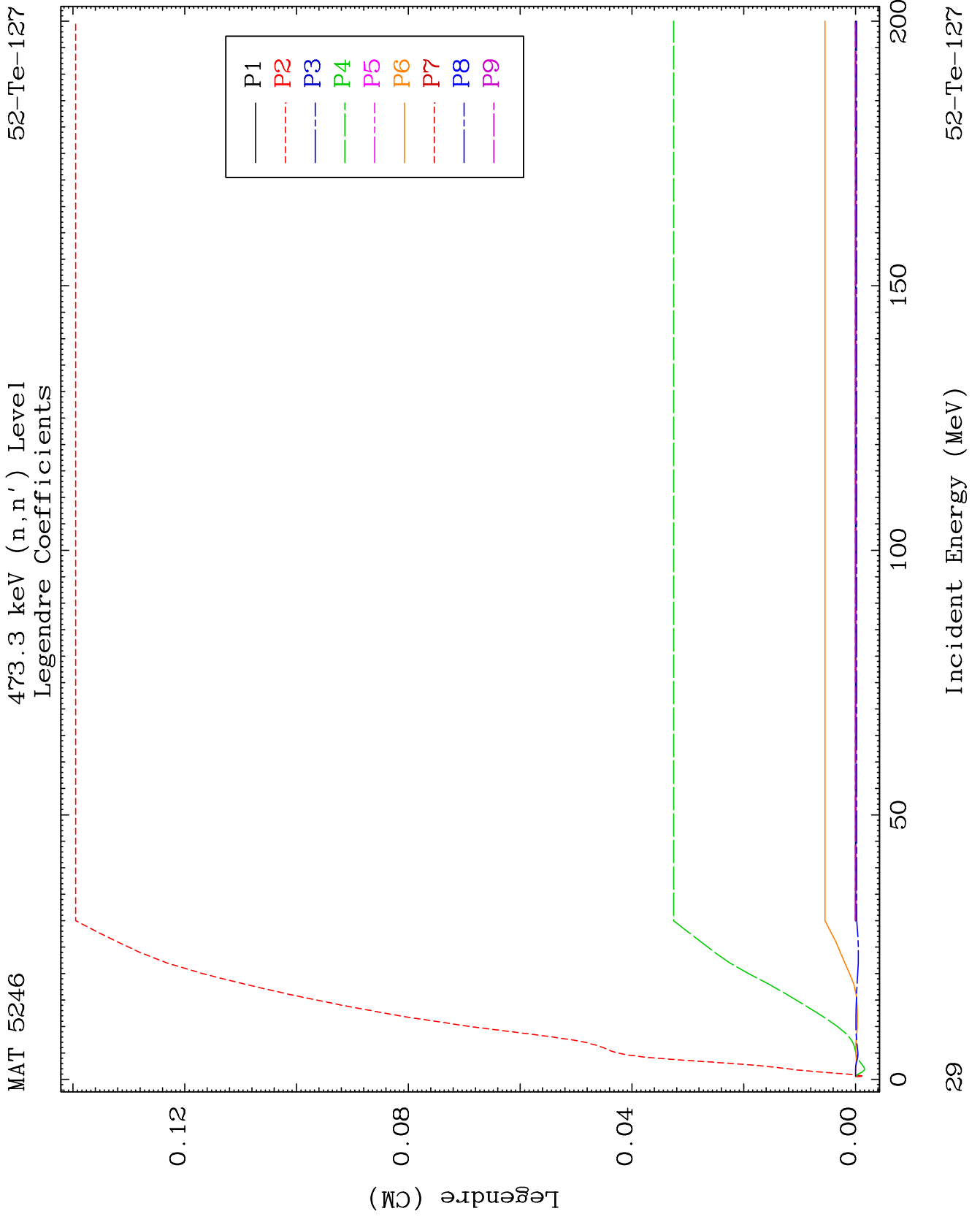
52-Te-127

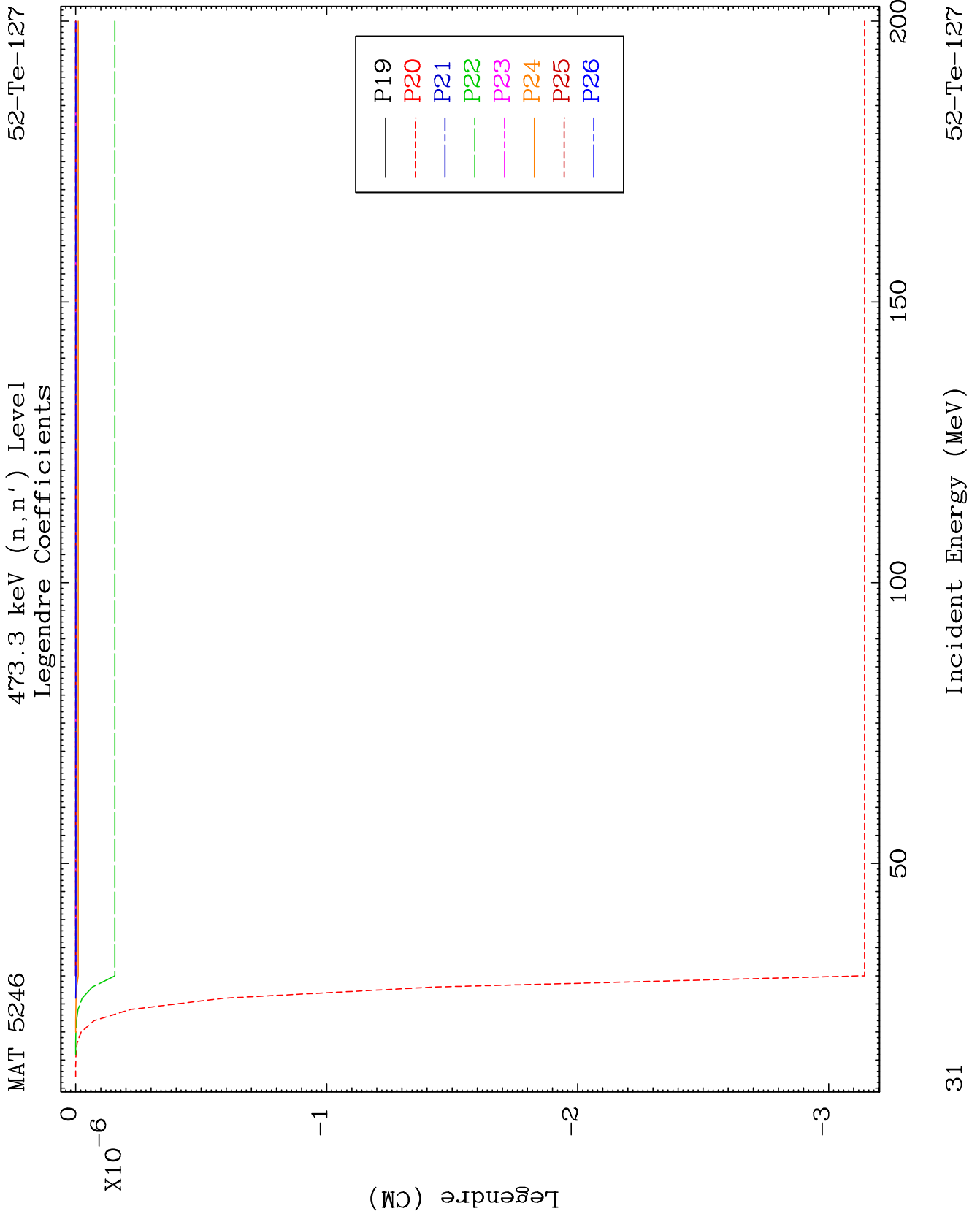


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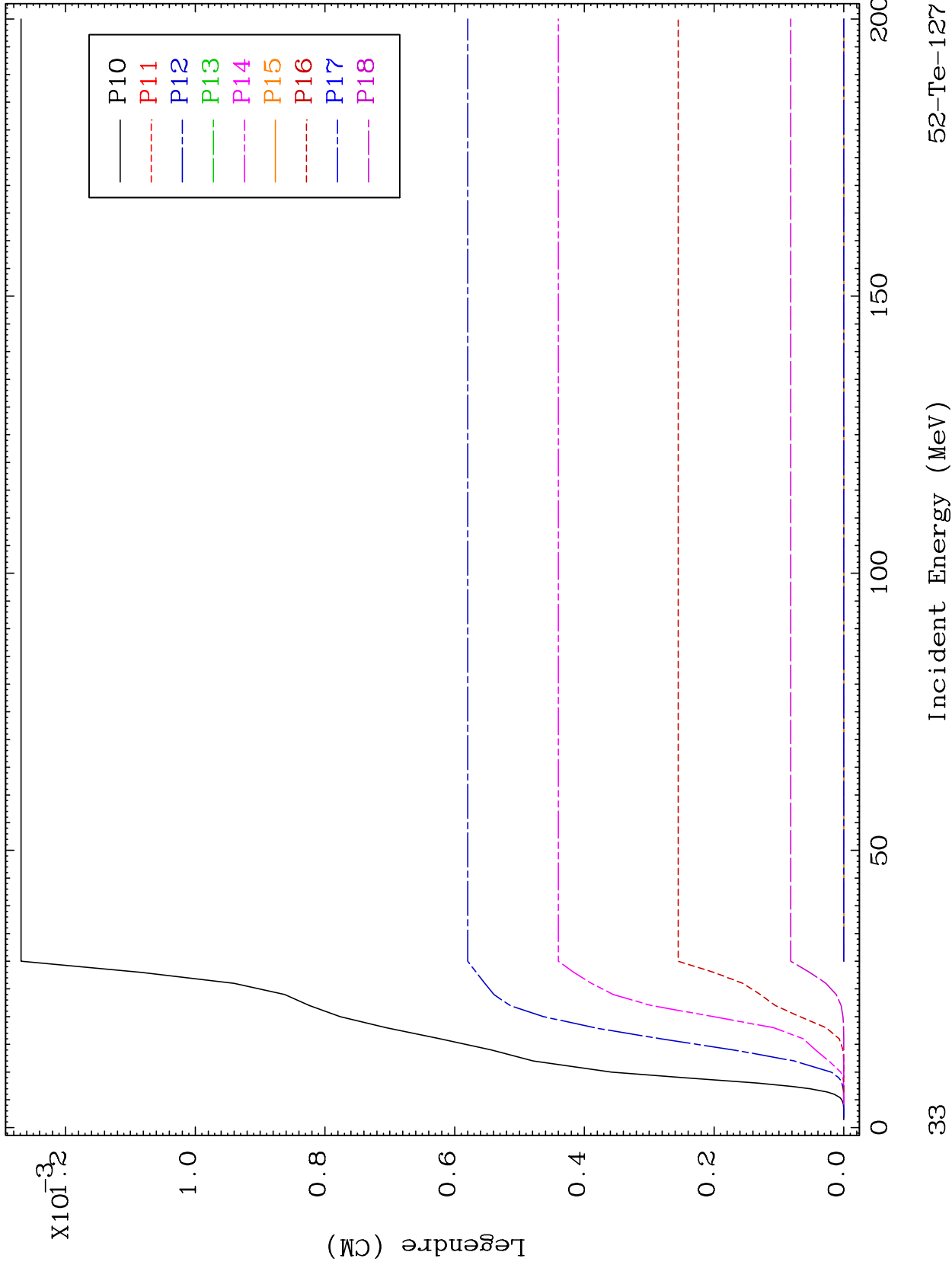




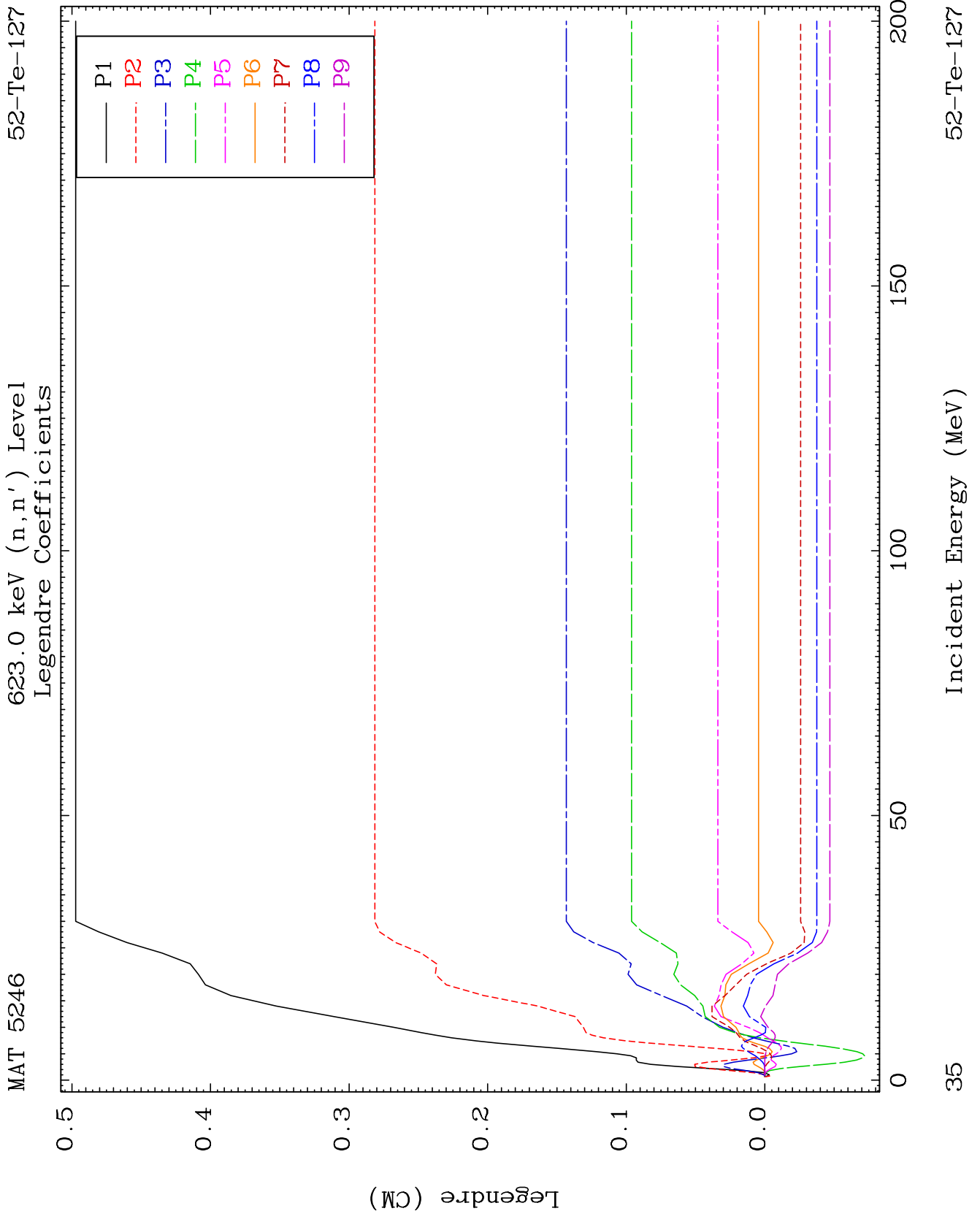
MAT 5246

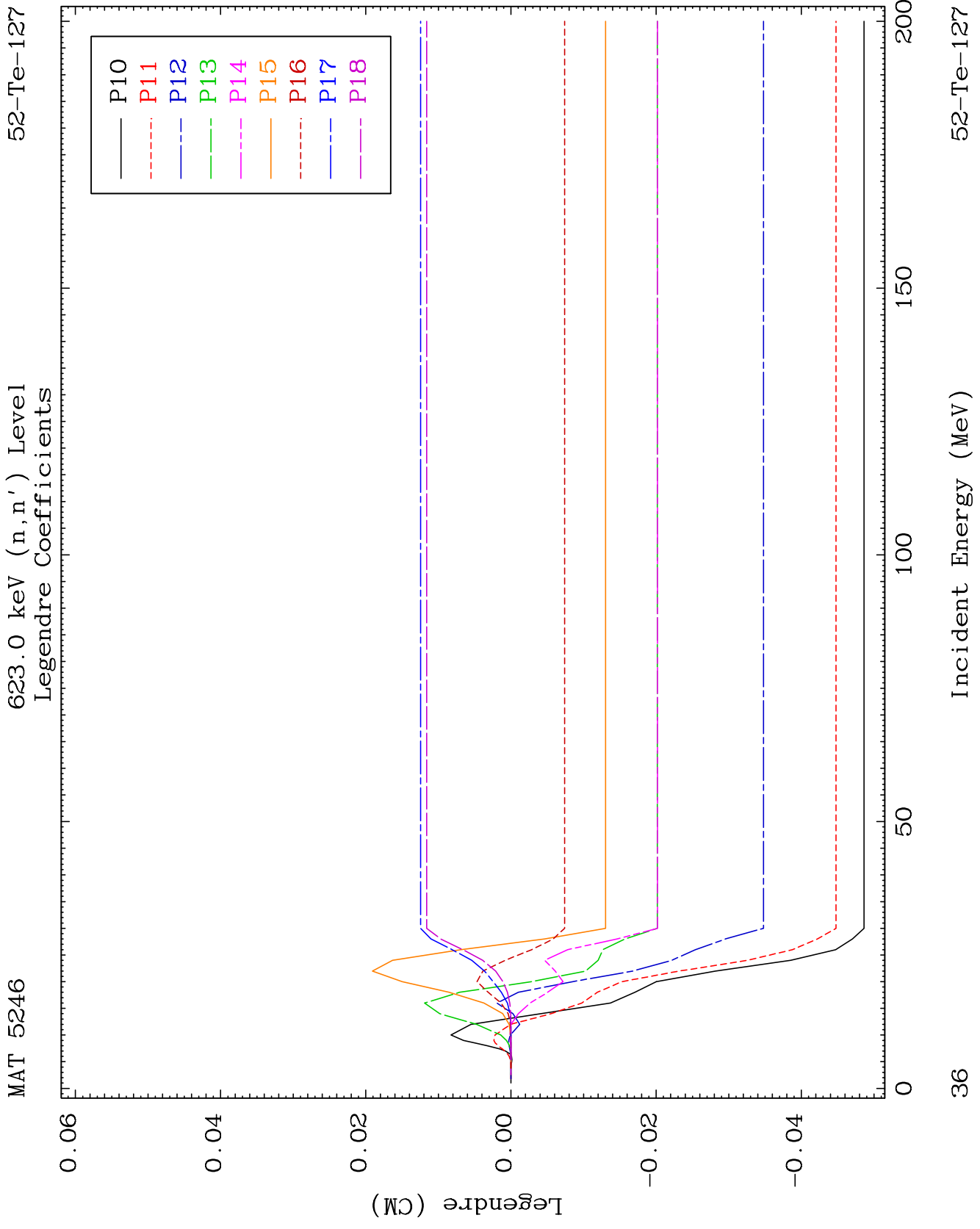
501.9 keV (n, n') Level
Legendre Coefficients

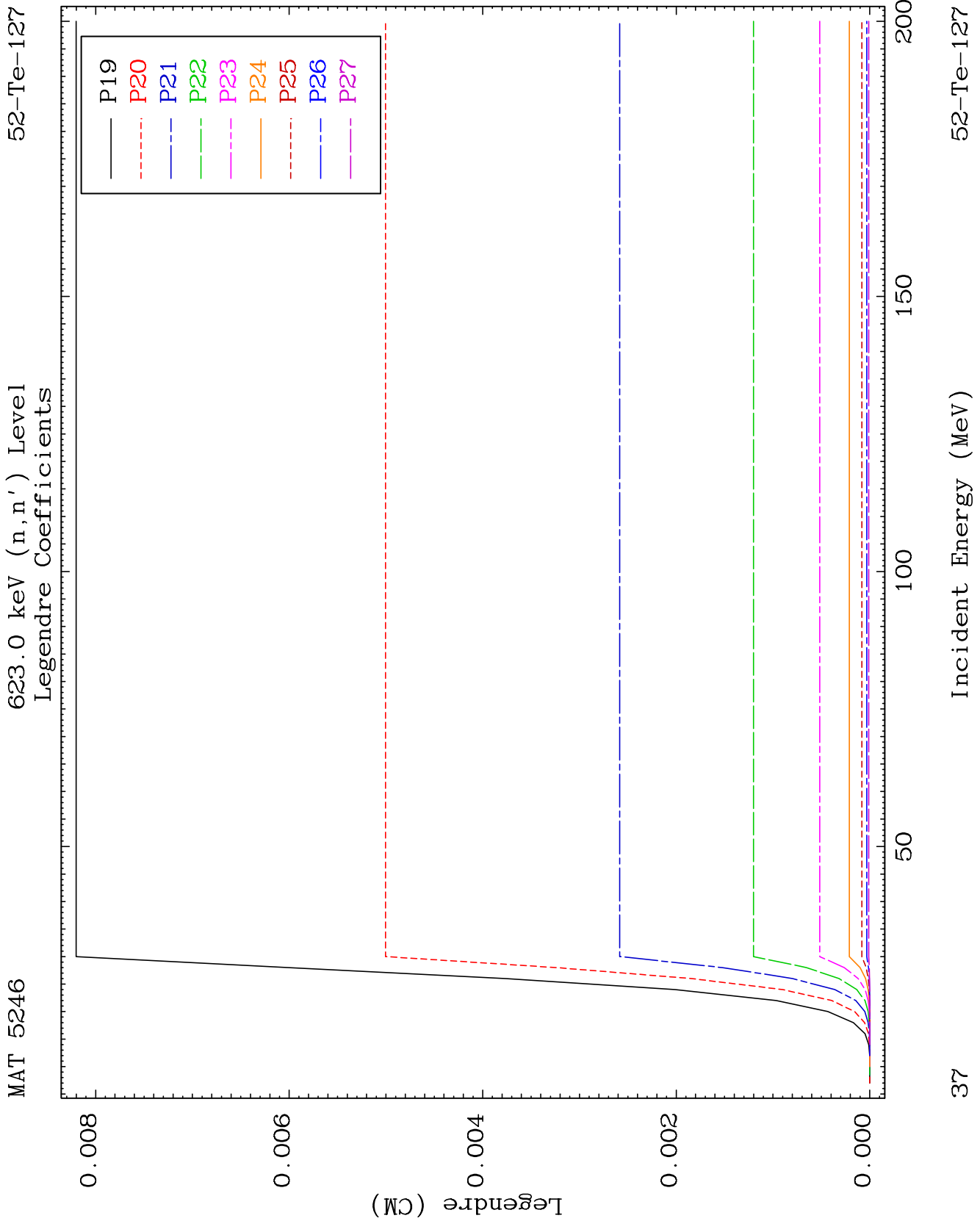
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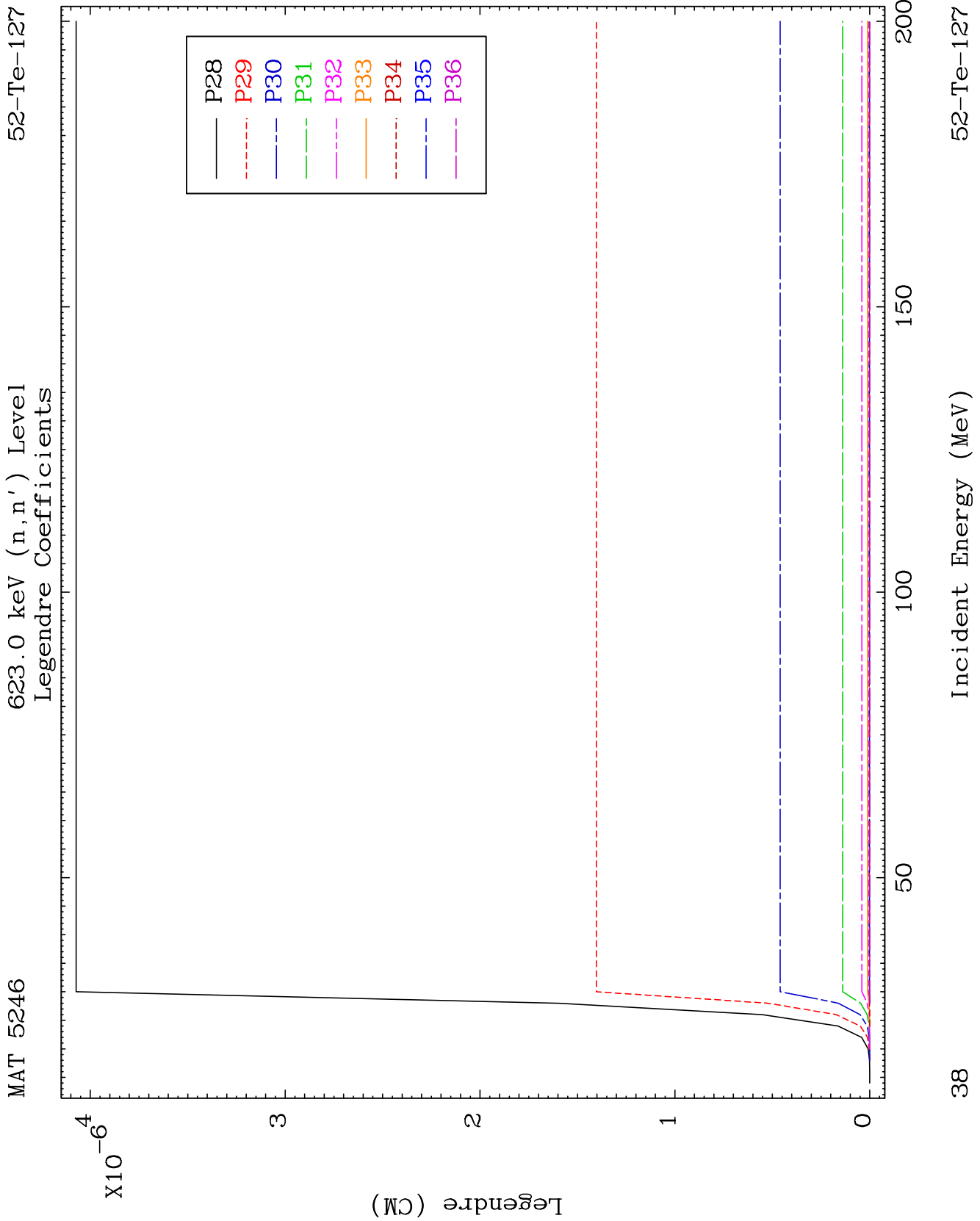


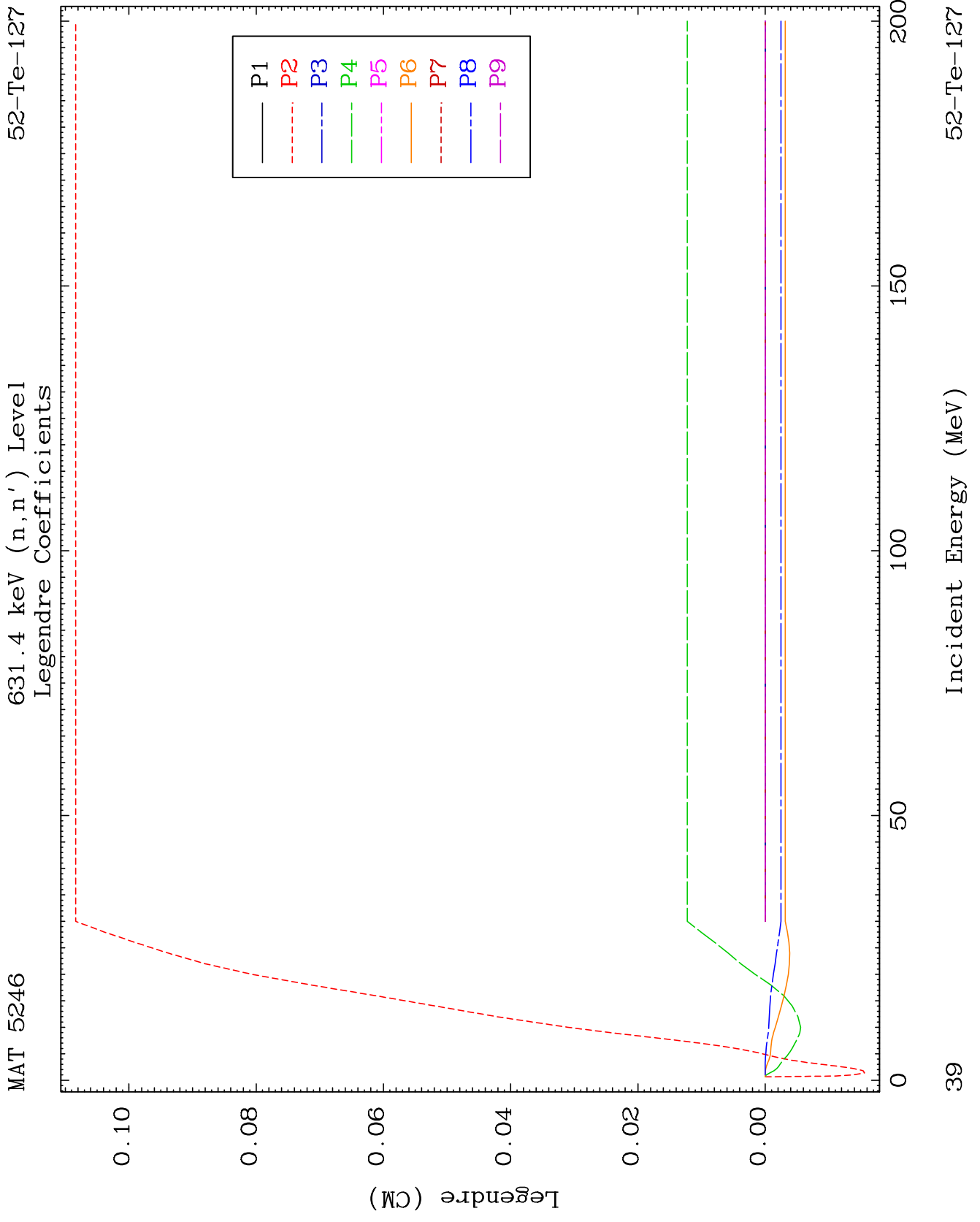
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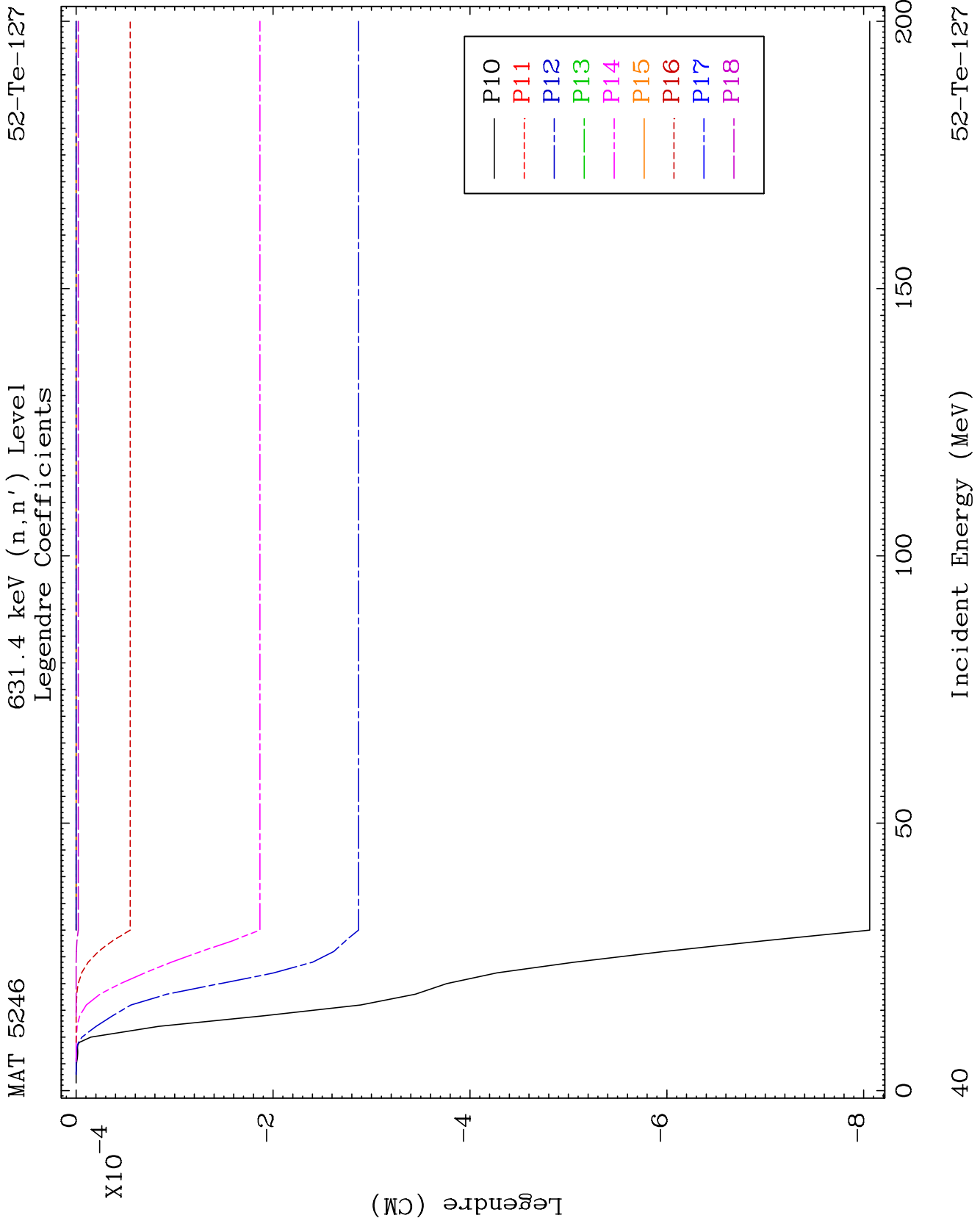


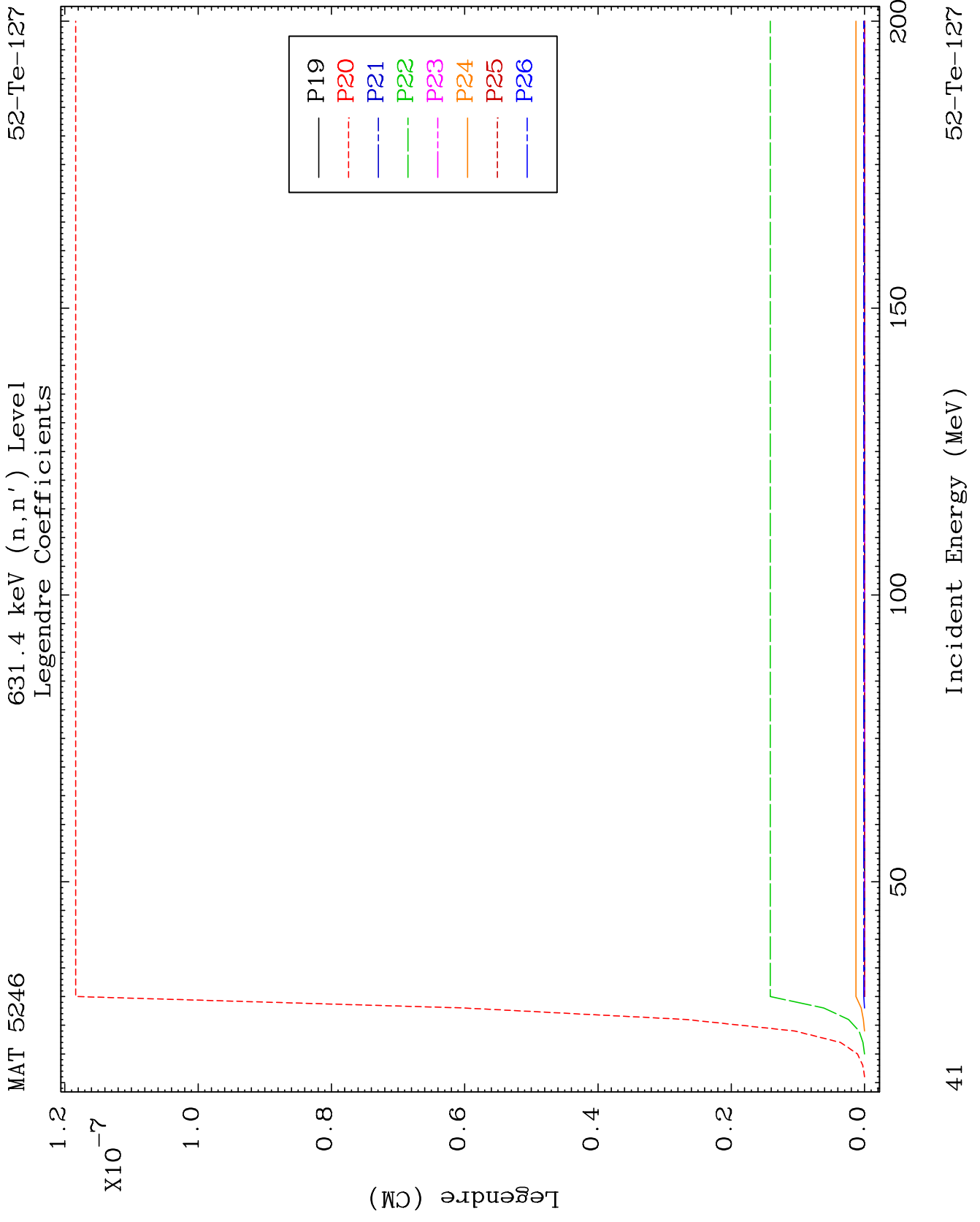








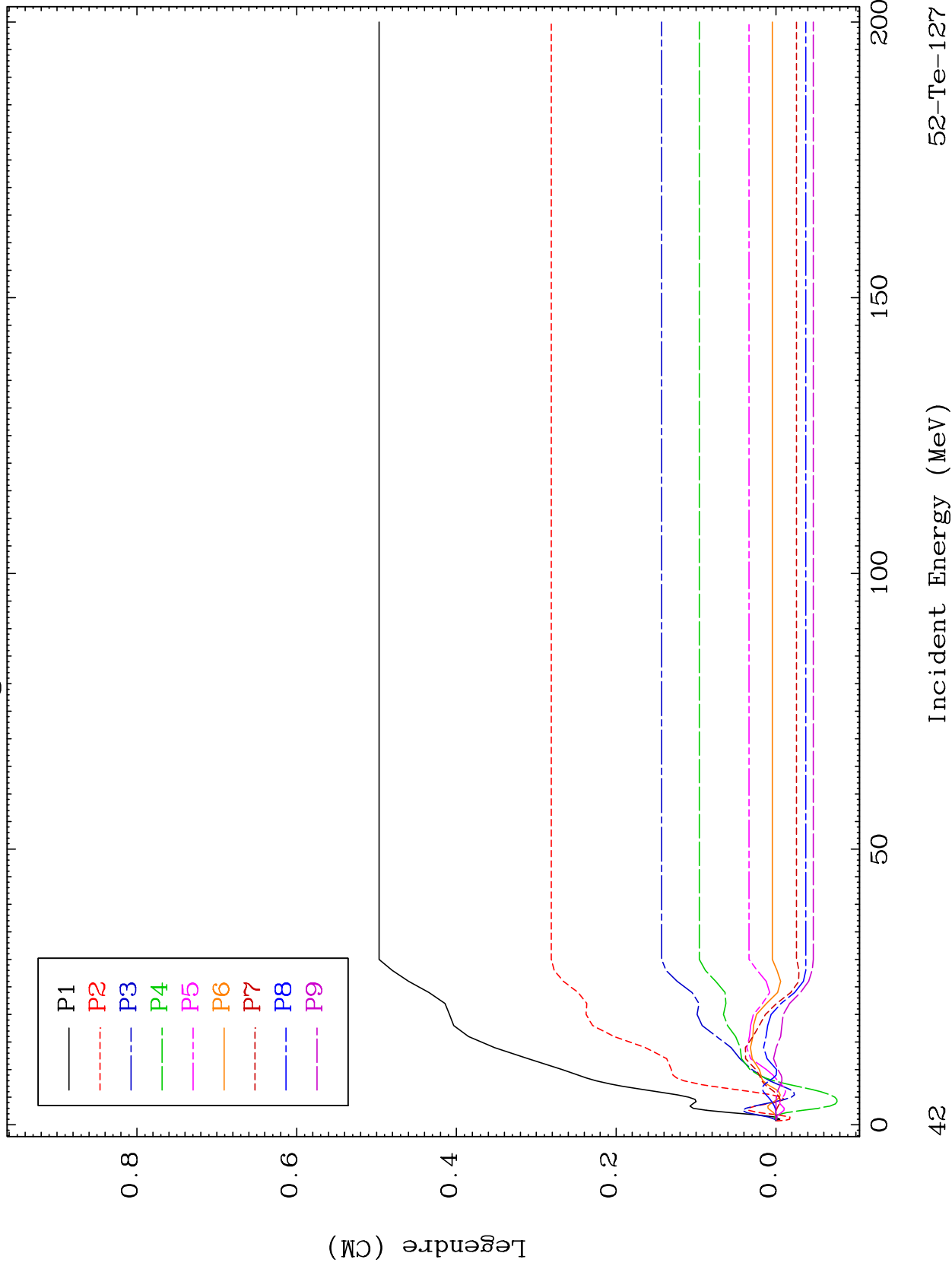




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685.1 keV (n,n') Level
Legendre Coefficients

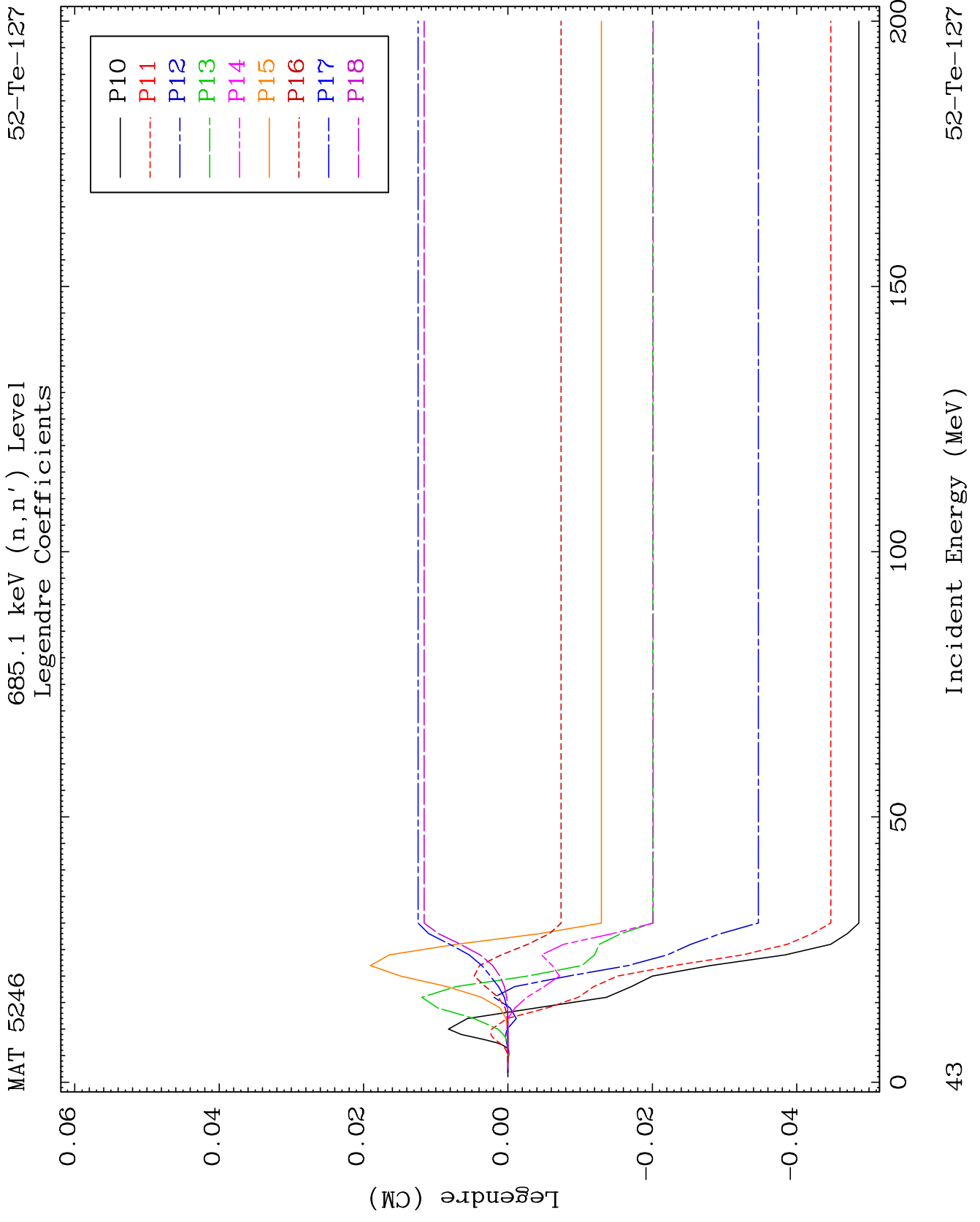
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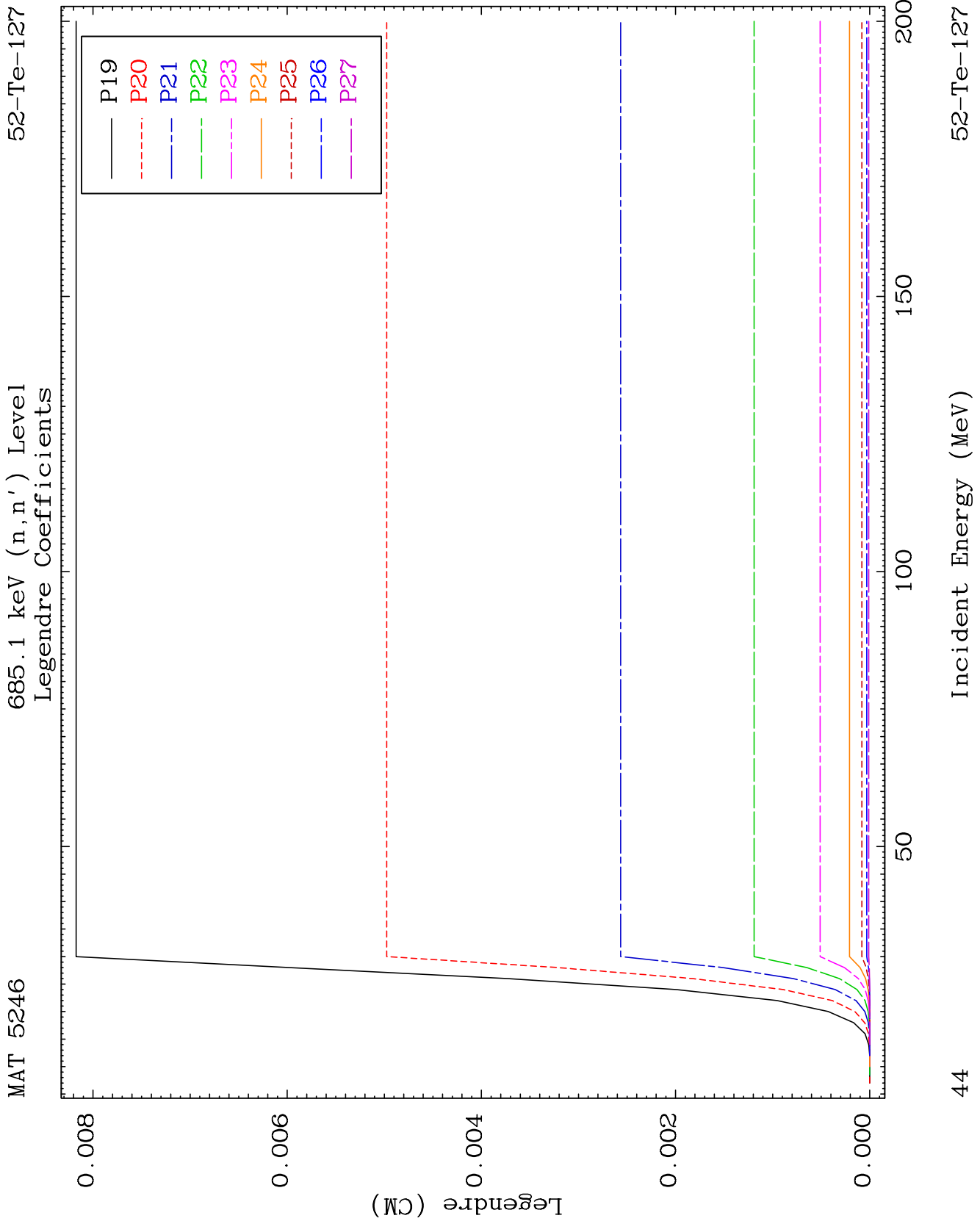


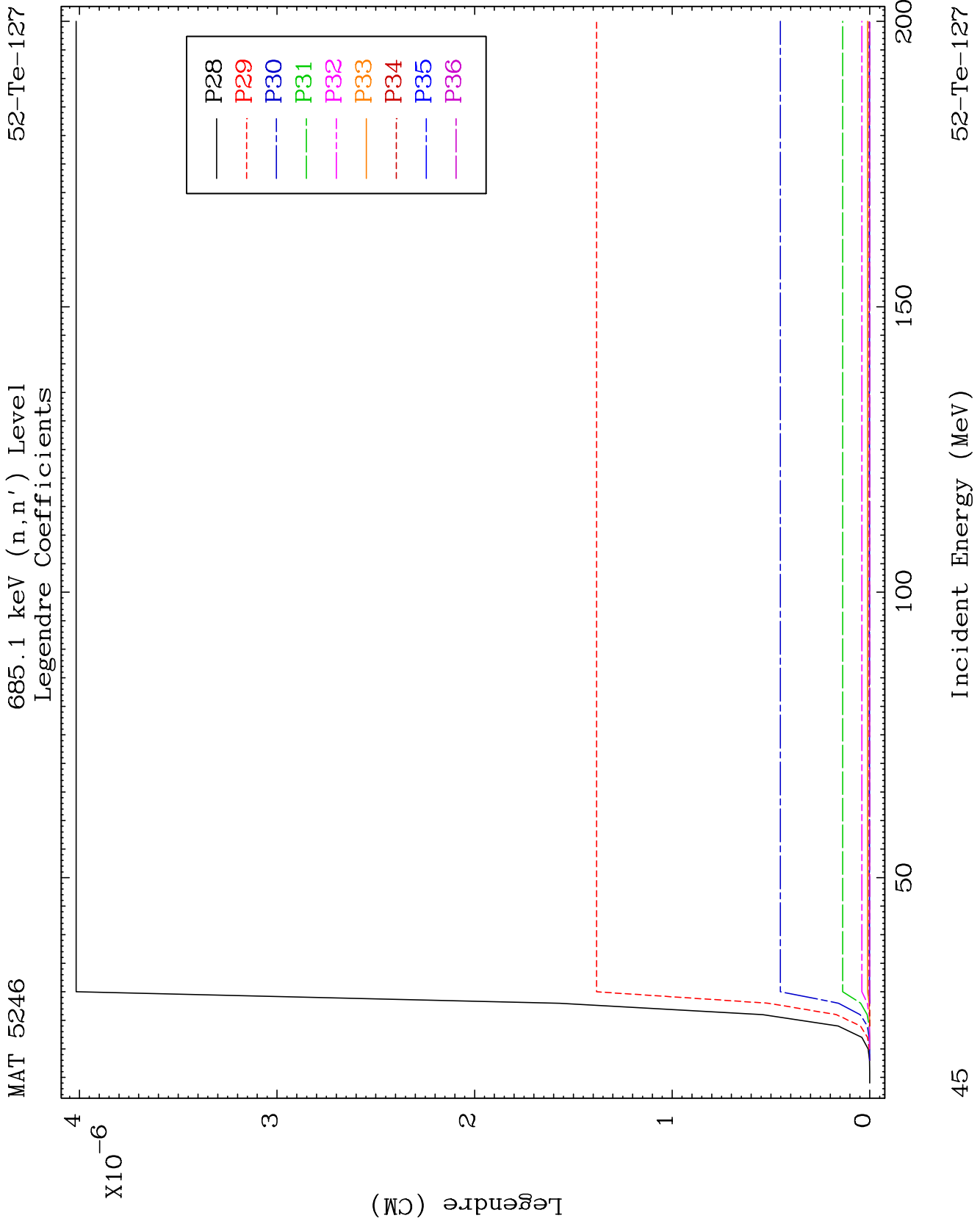
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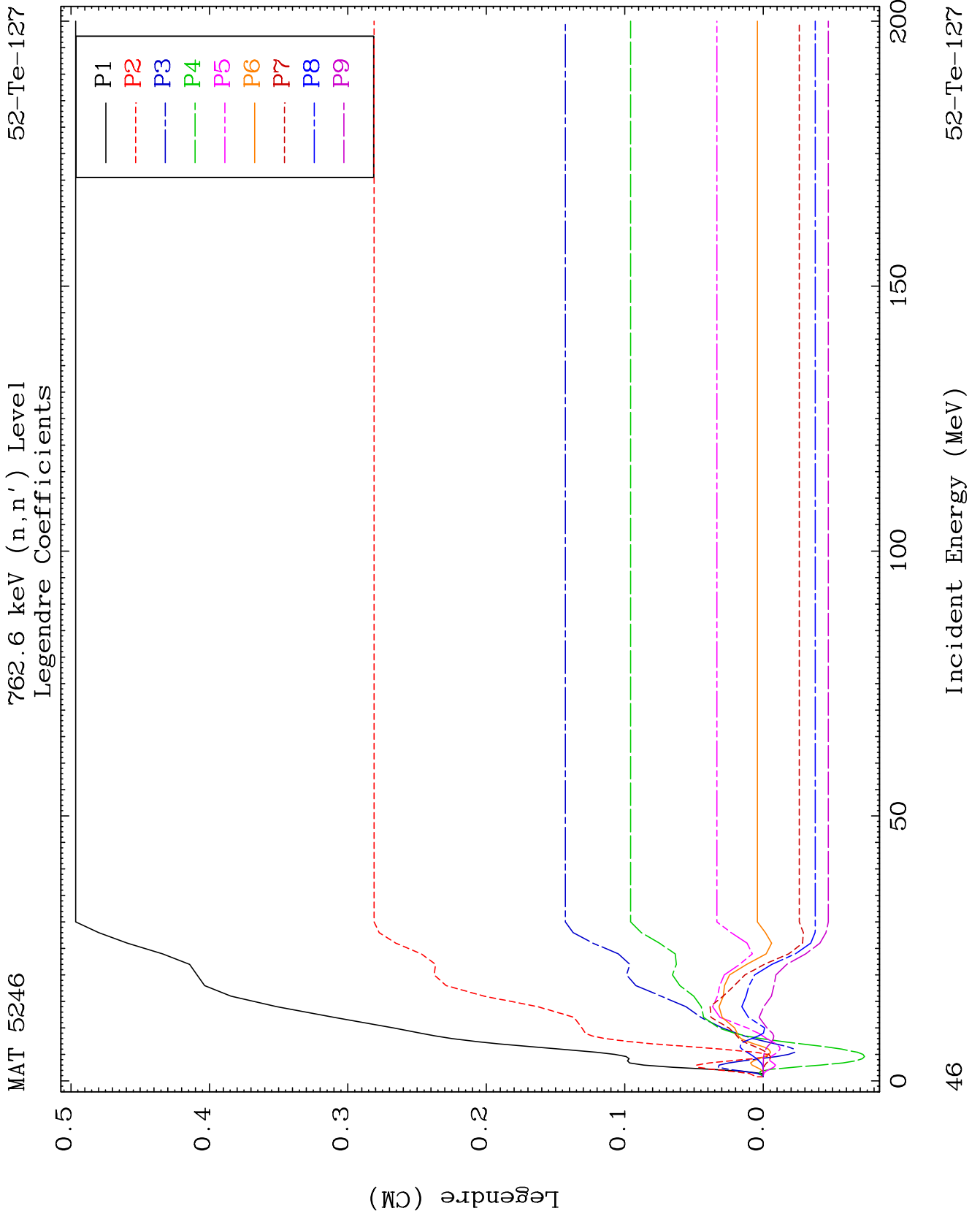
Incident Energy (MeV)

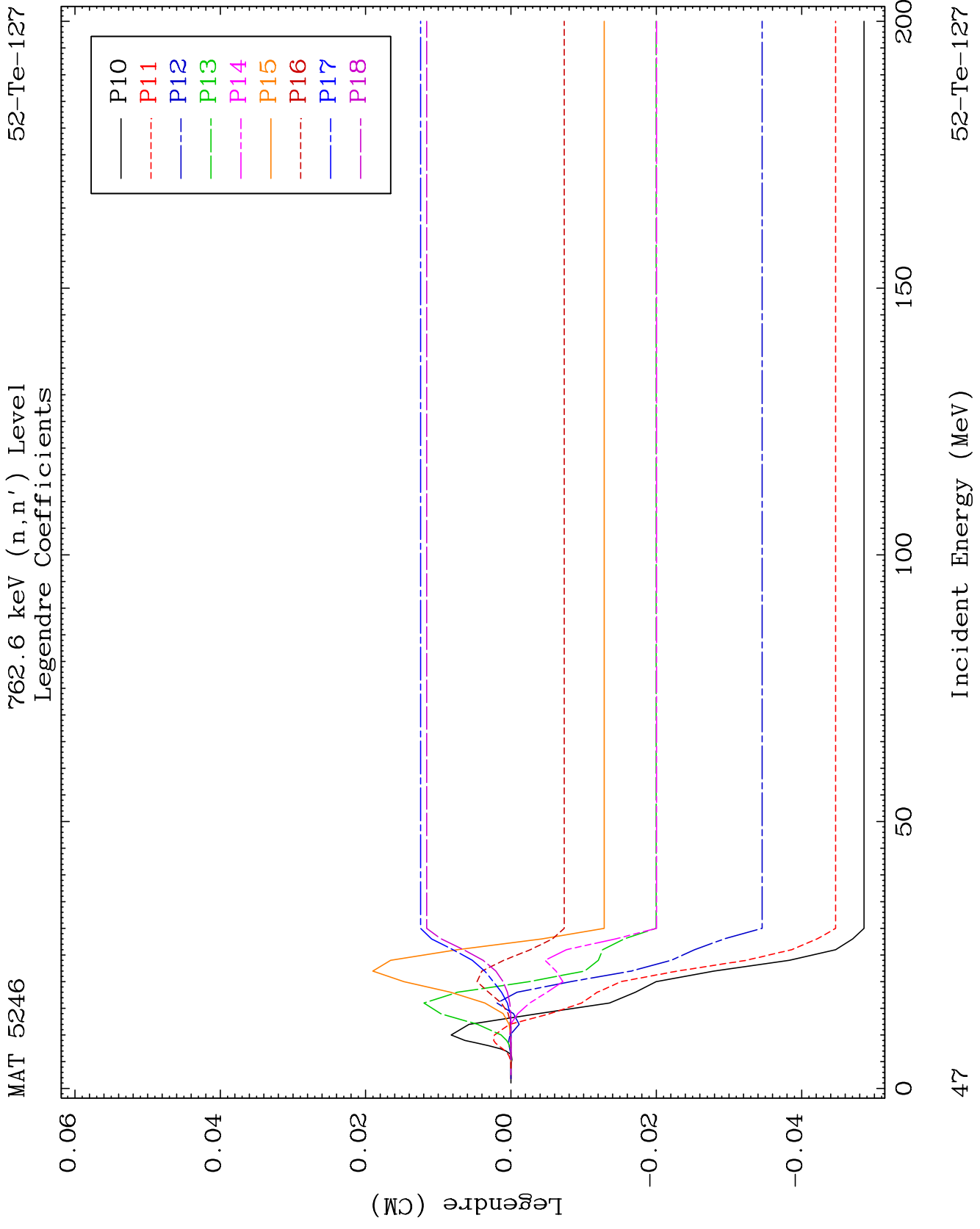
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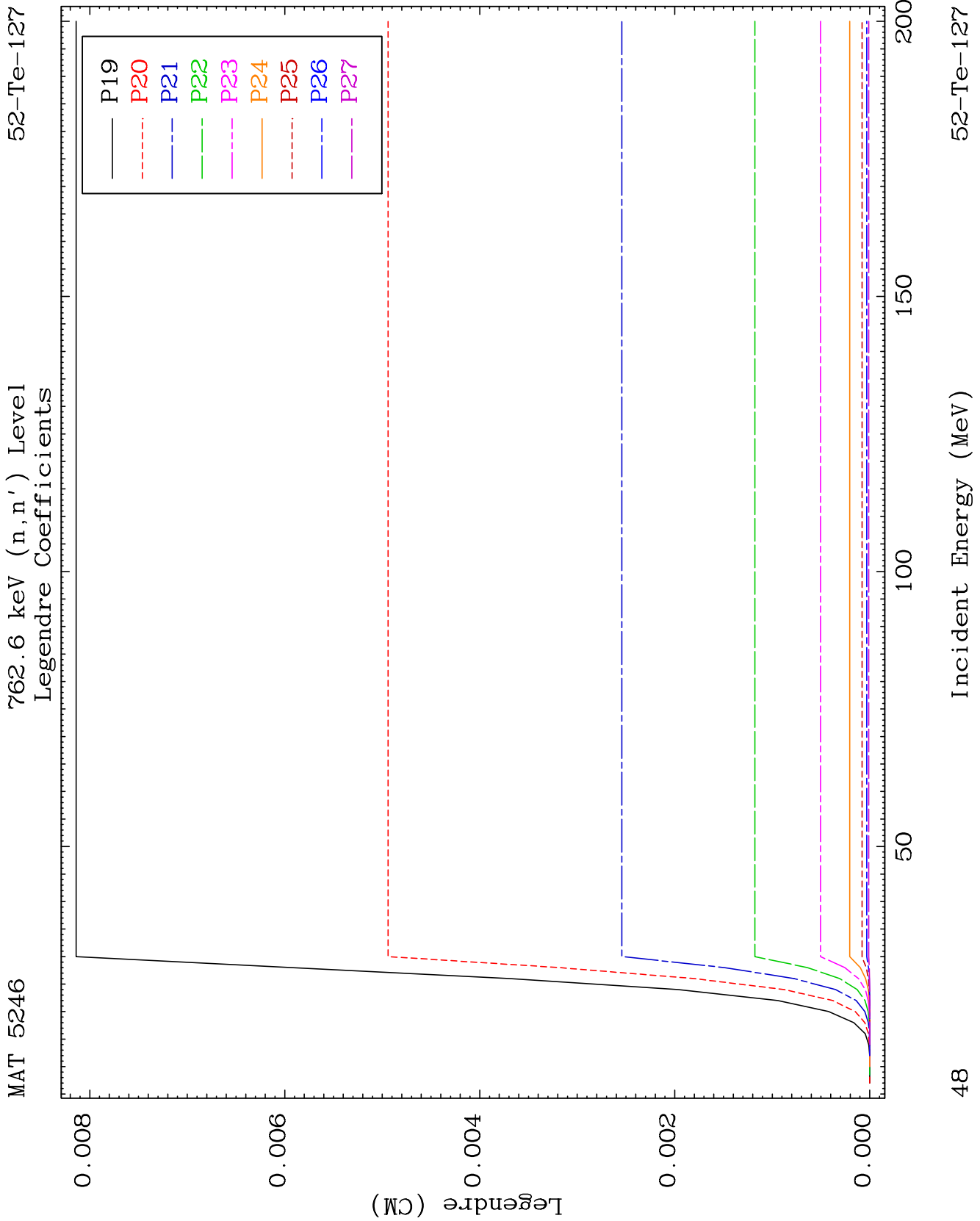


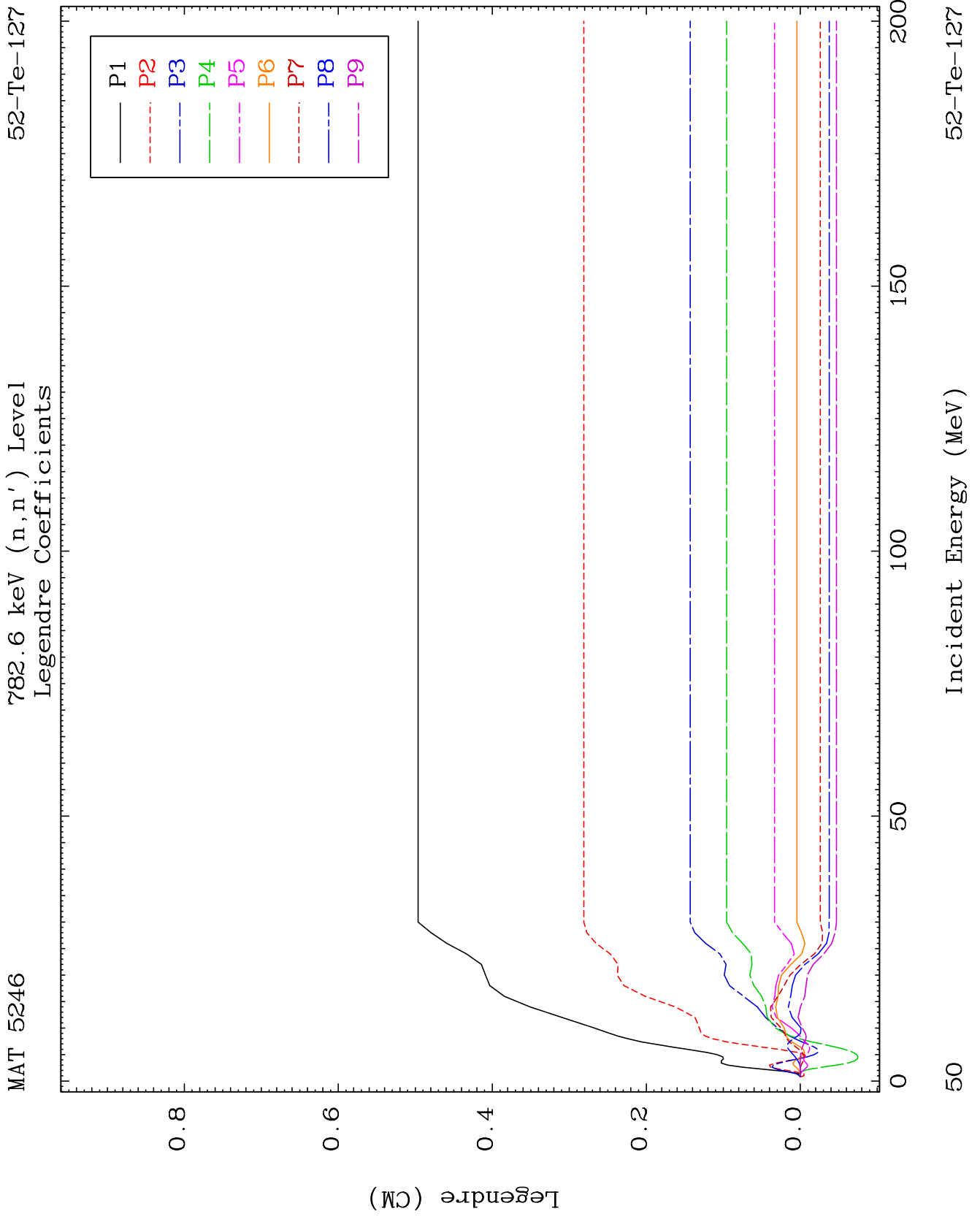


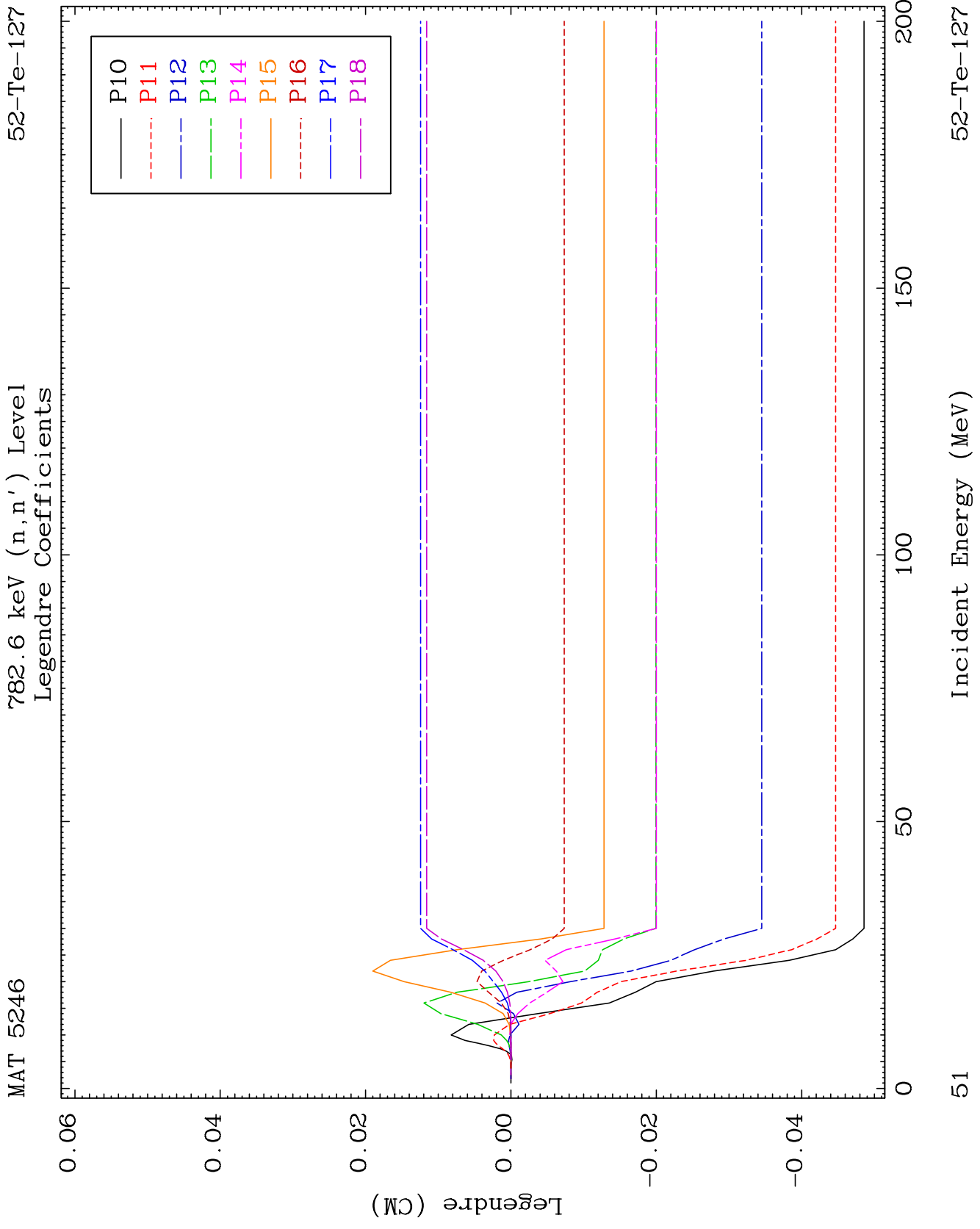


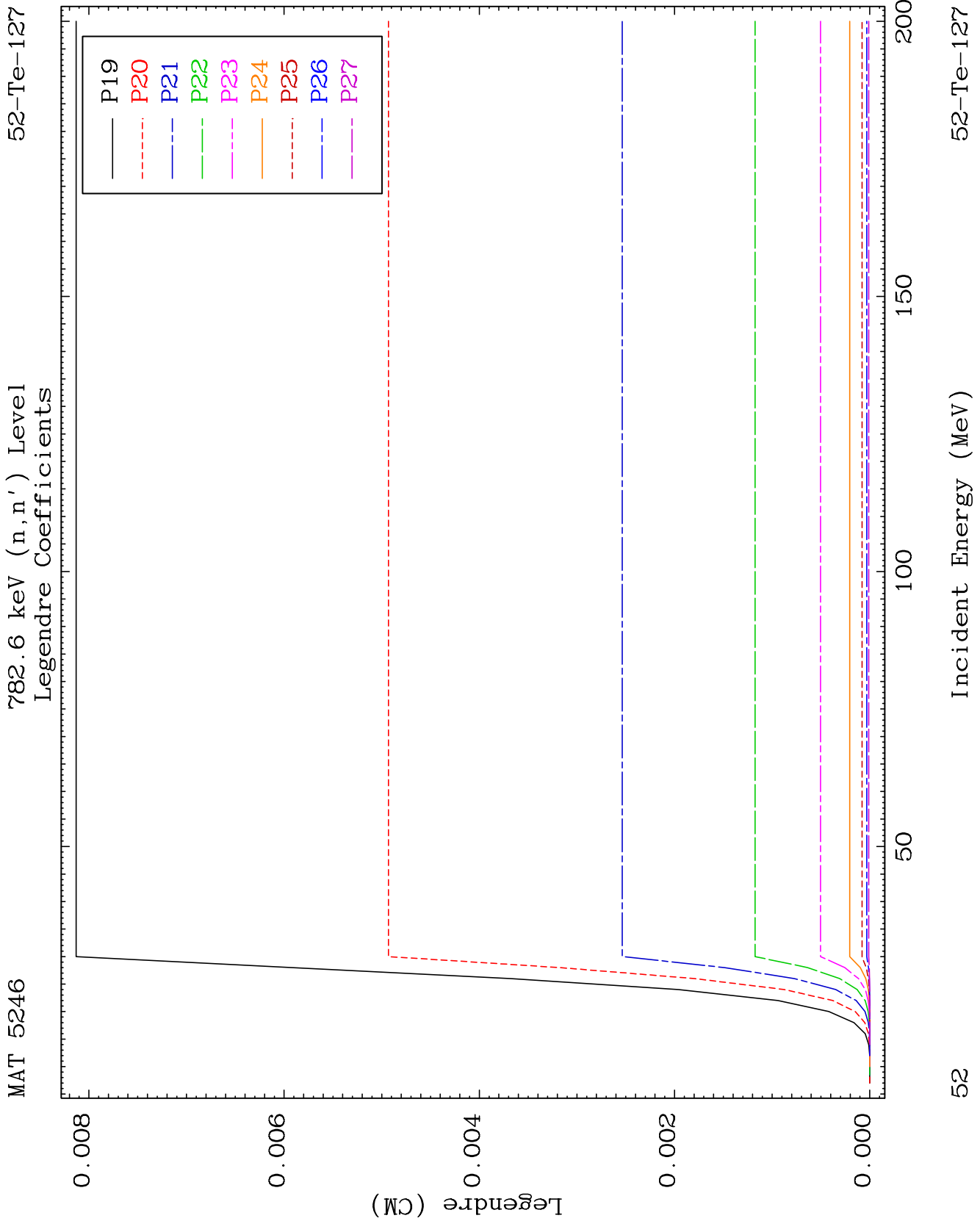


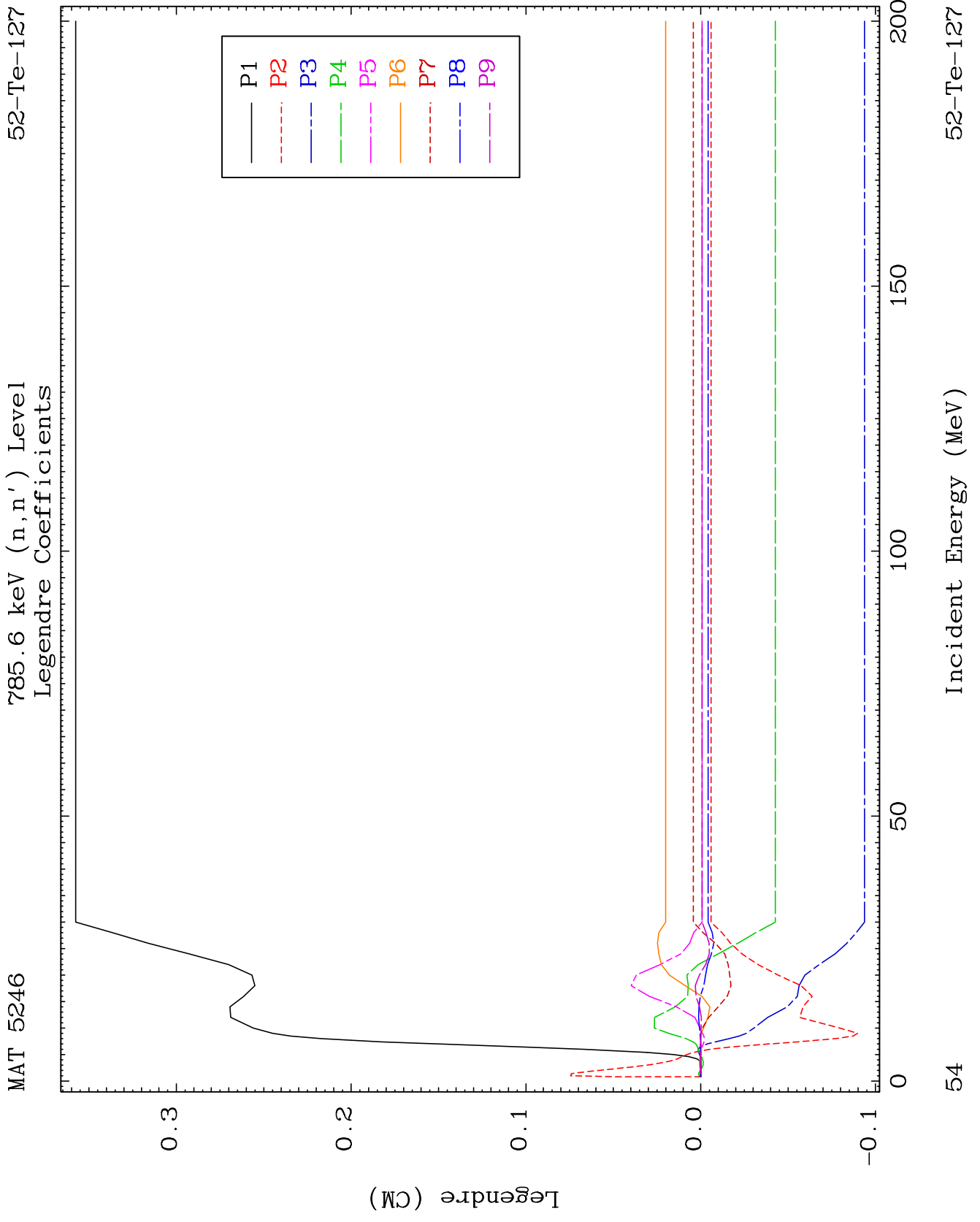


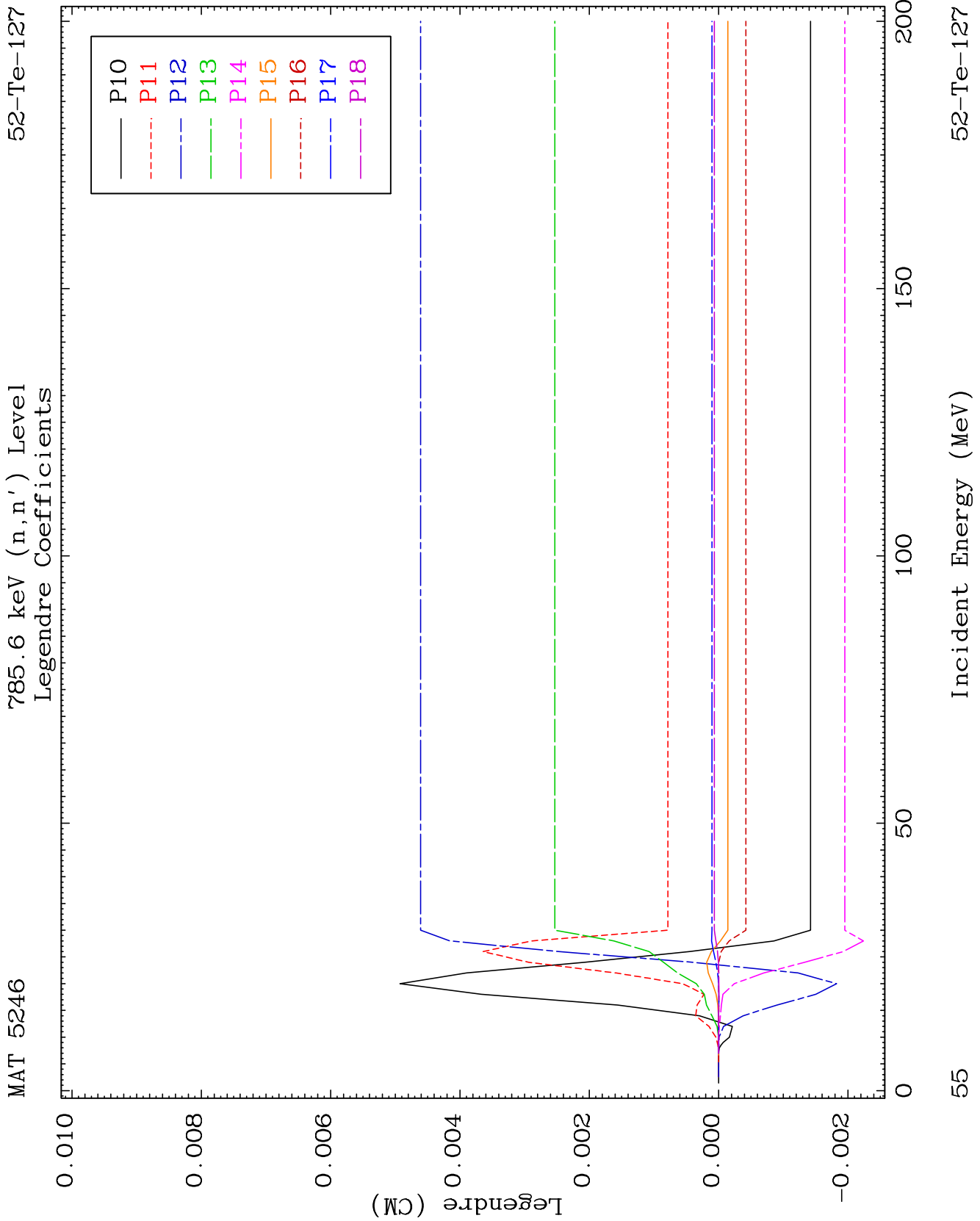








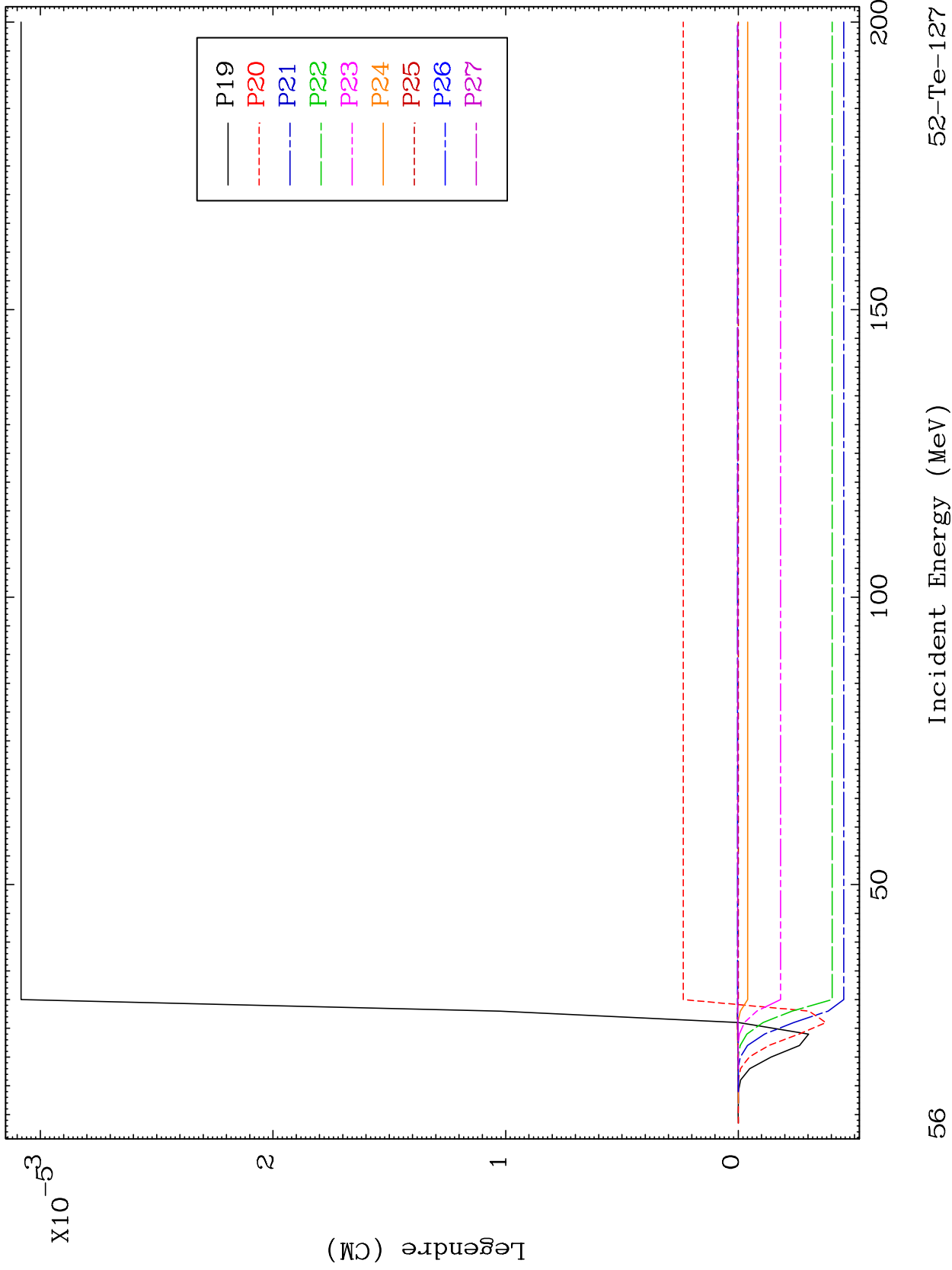




MAT 5246

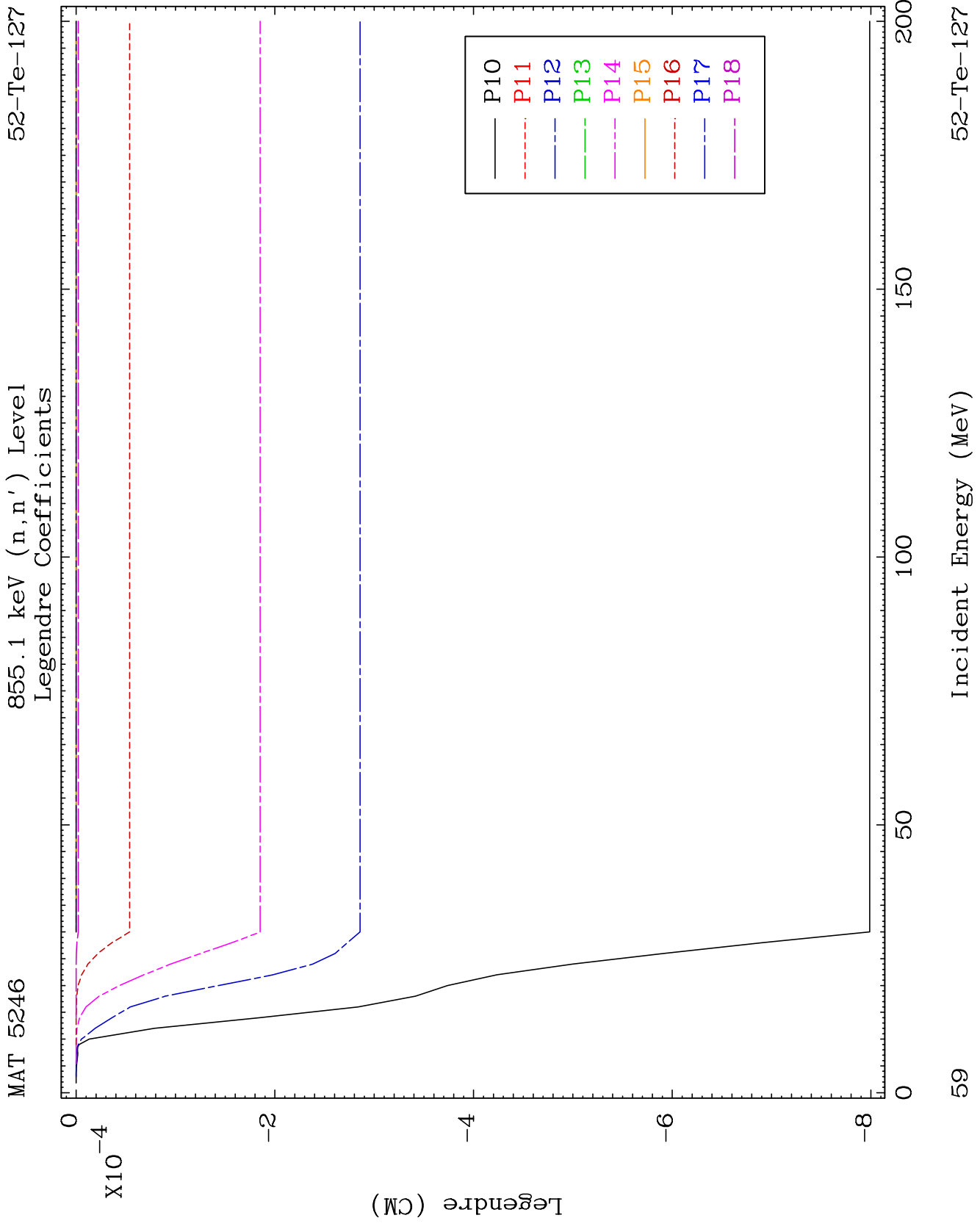
785.6 keV (n,n') Level
Legendre Coefficients

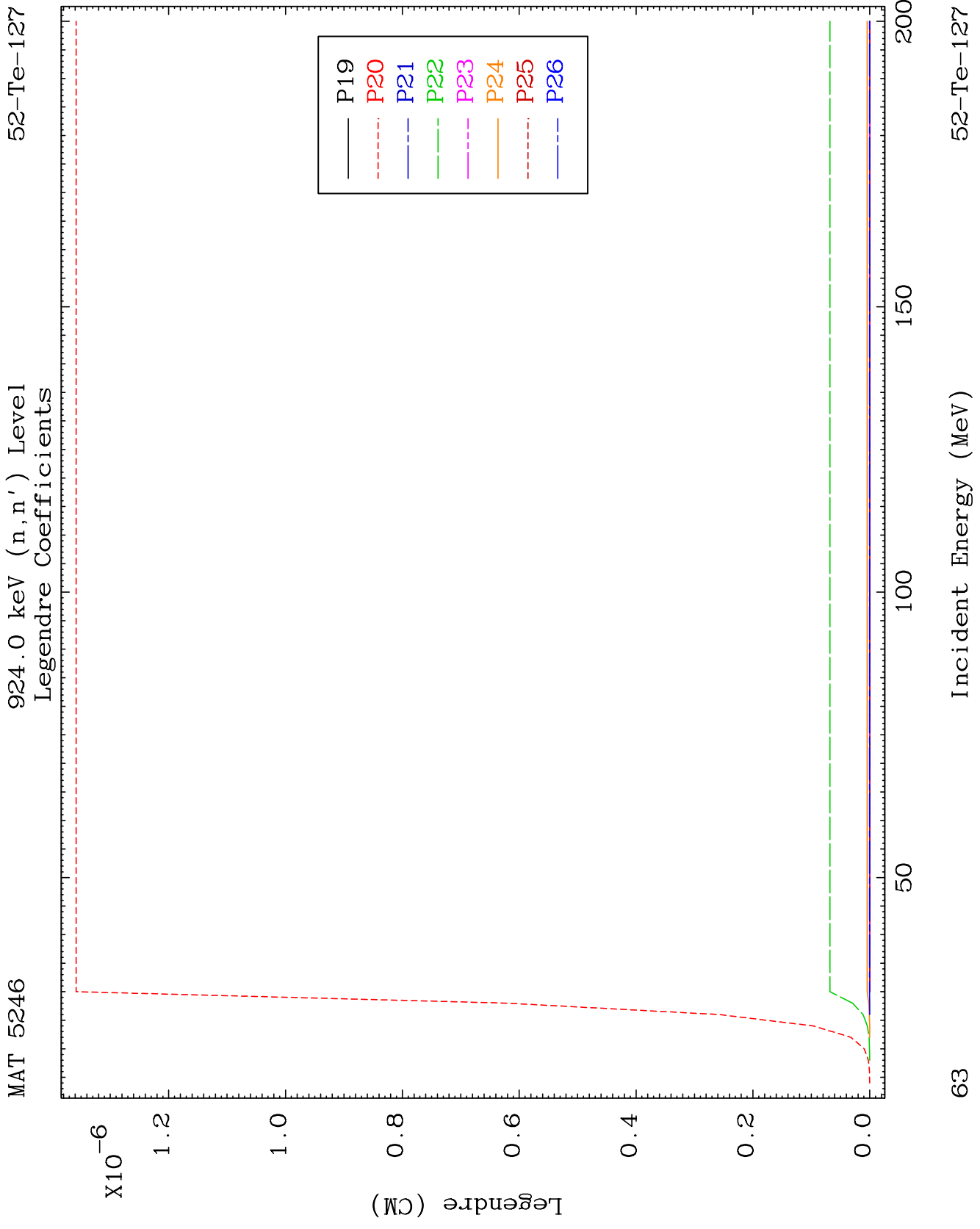
52-Te-127

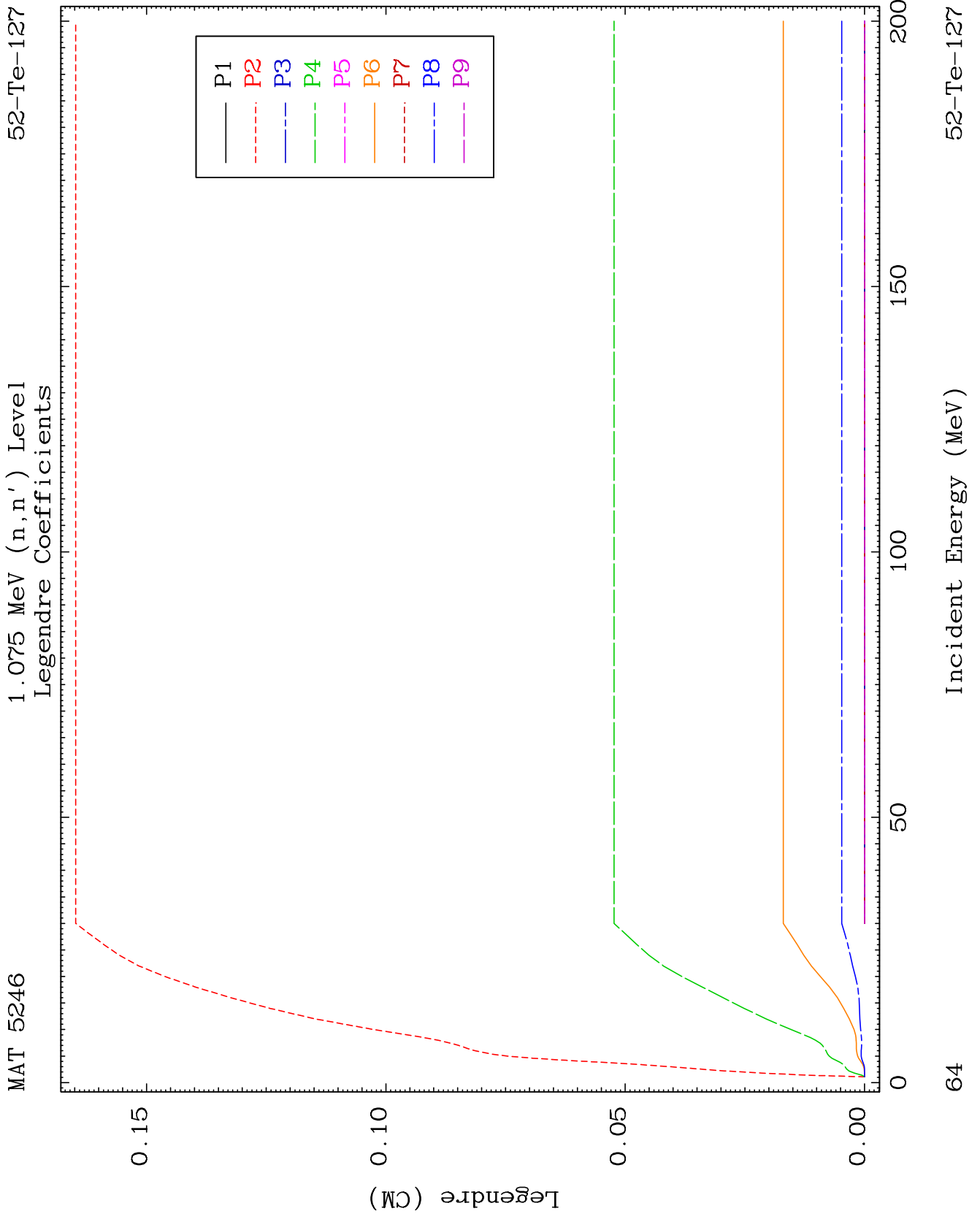


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52-Te-127



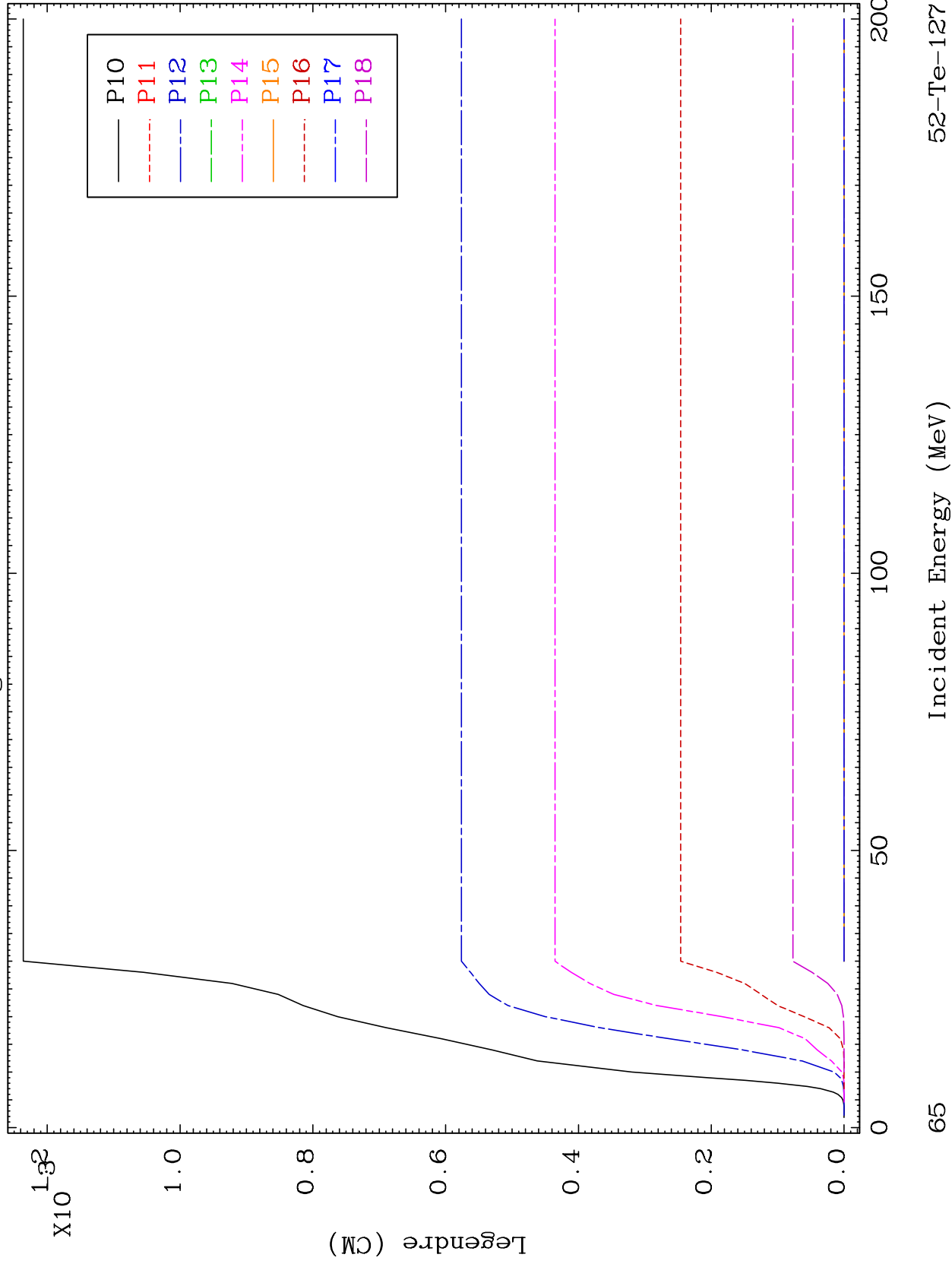




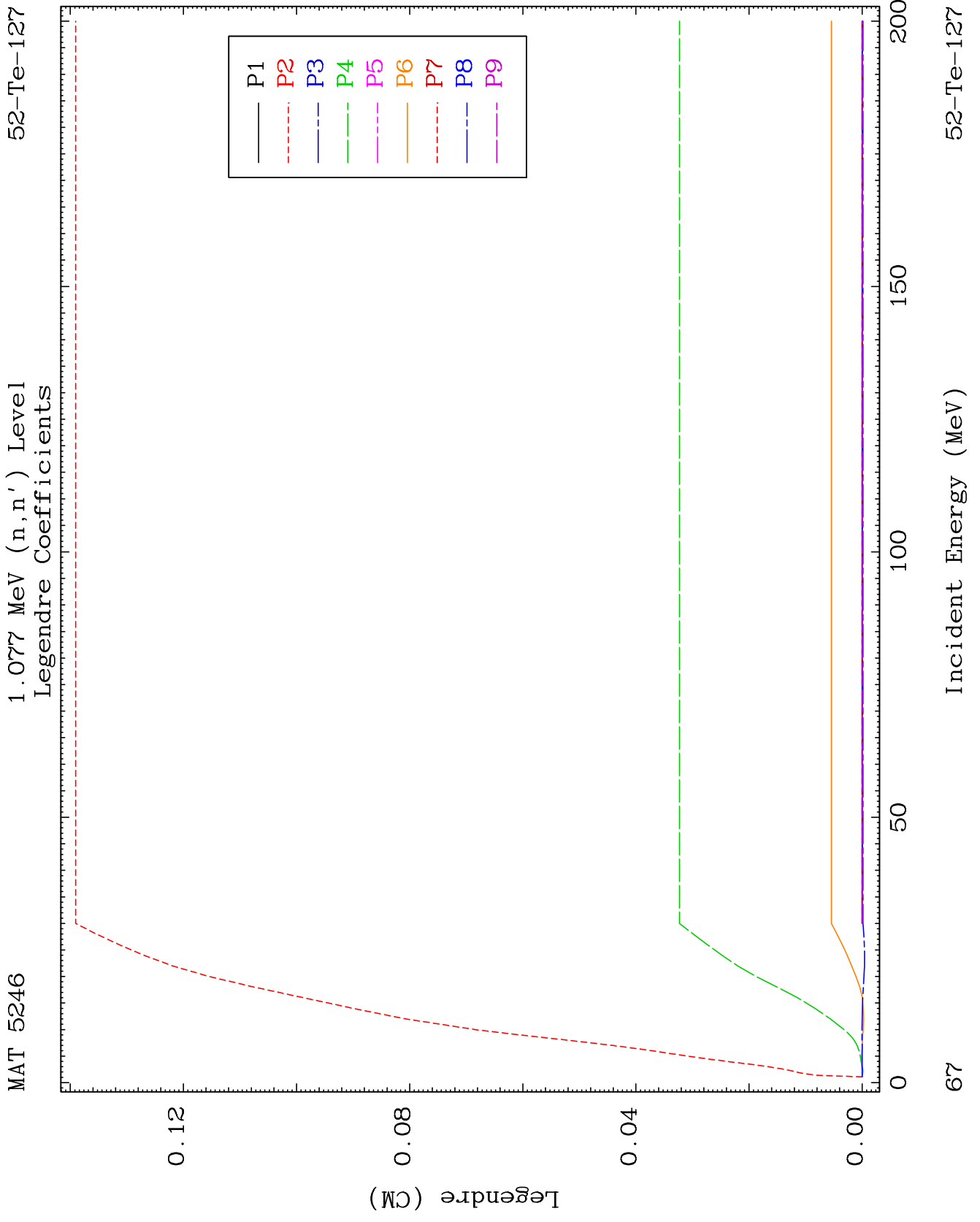
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1.075 MeV (n,n') Level
Legendre Coefficients

52-Te-127



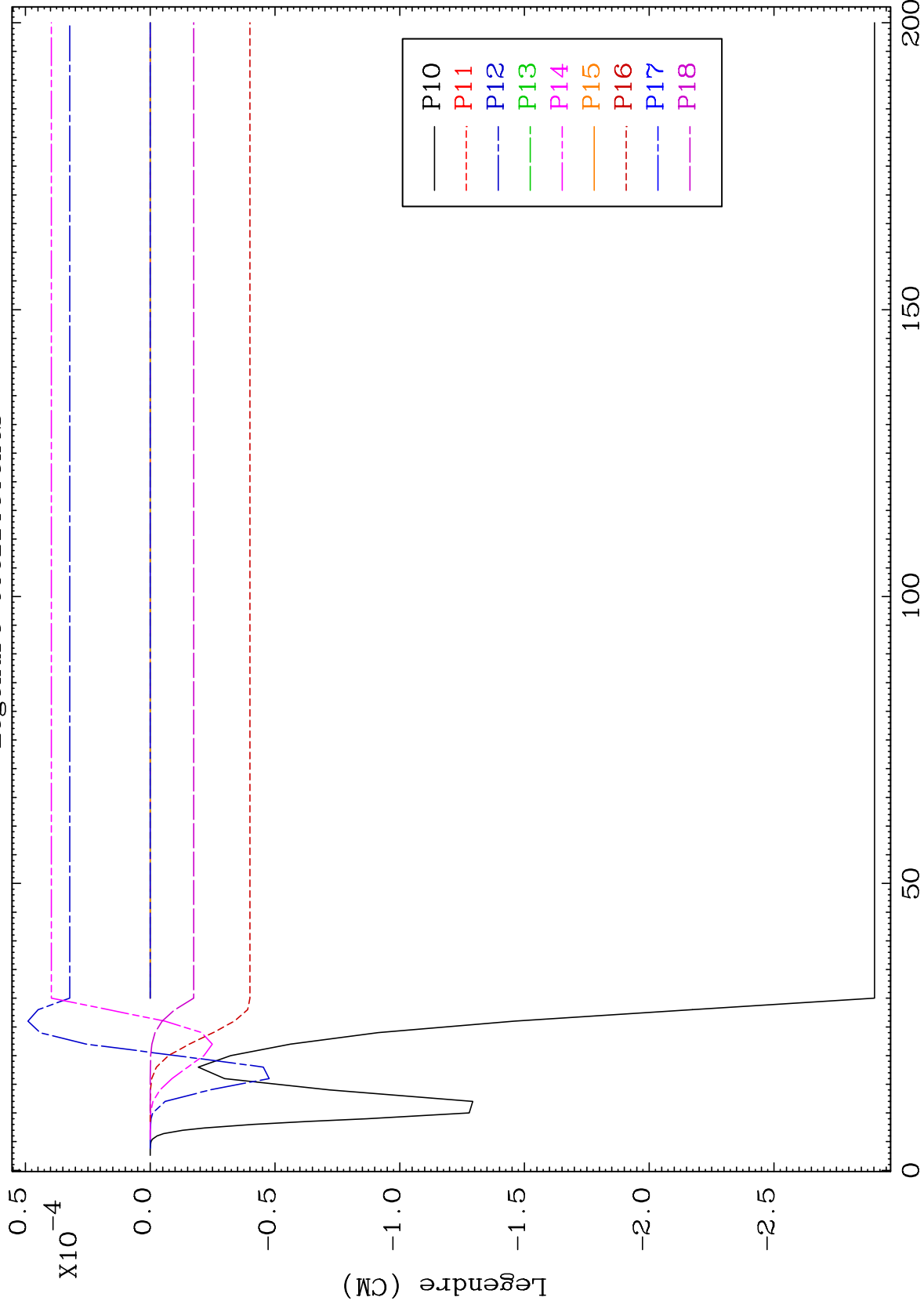
65



MAT 5246

1.077 MeV (n,n') Level
Legendre Coefficients

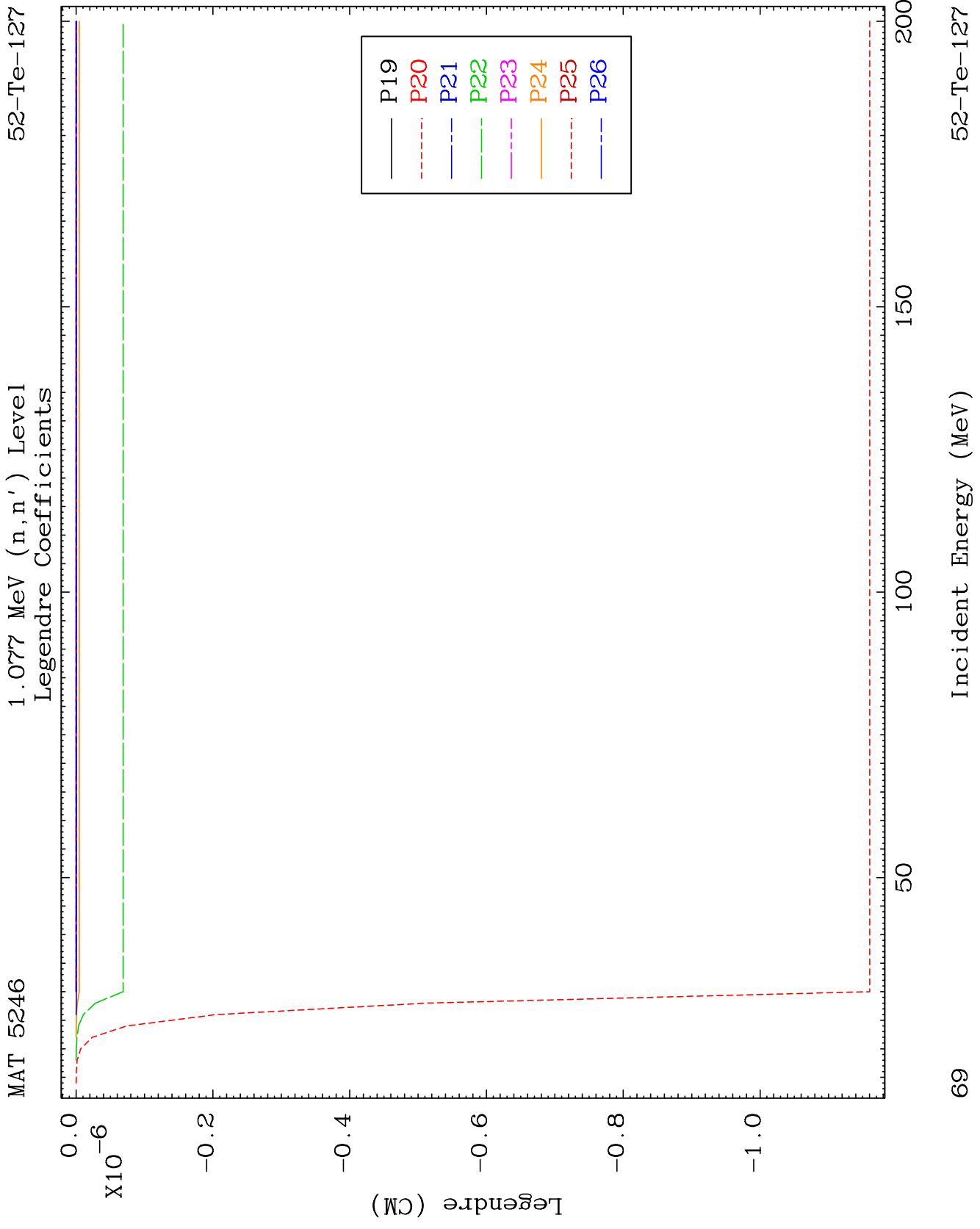
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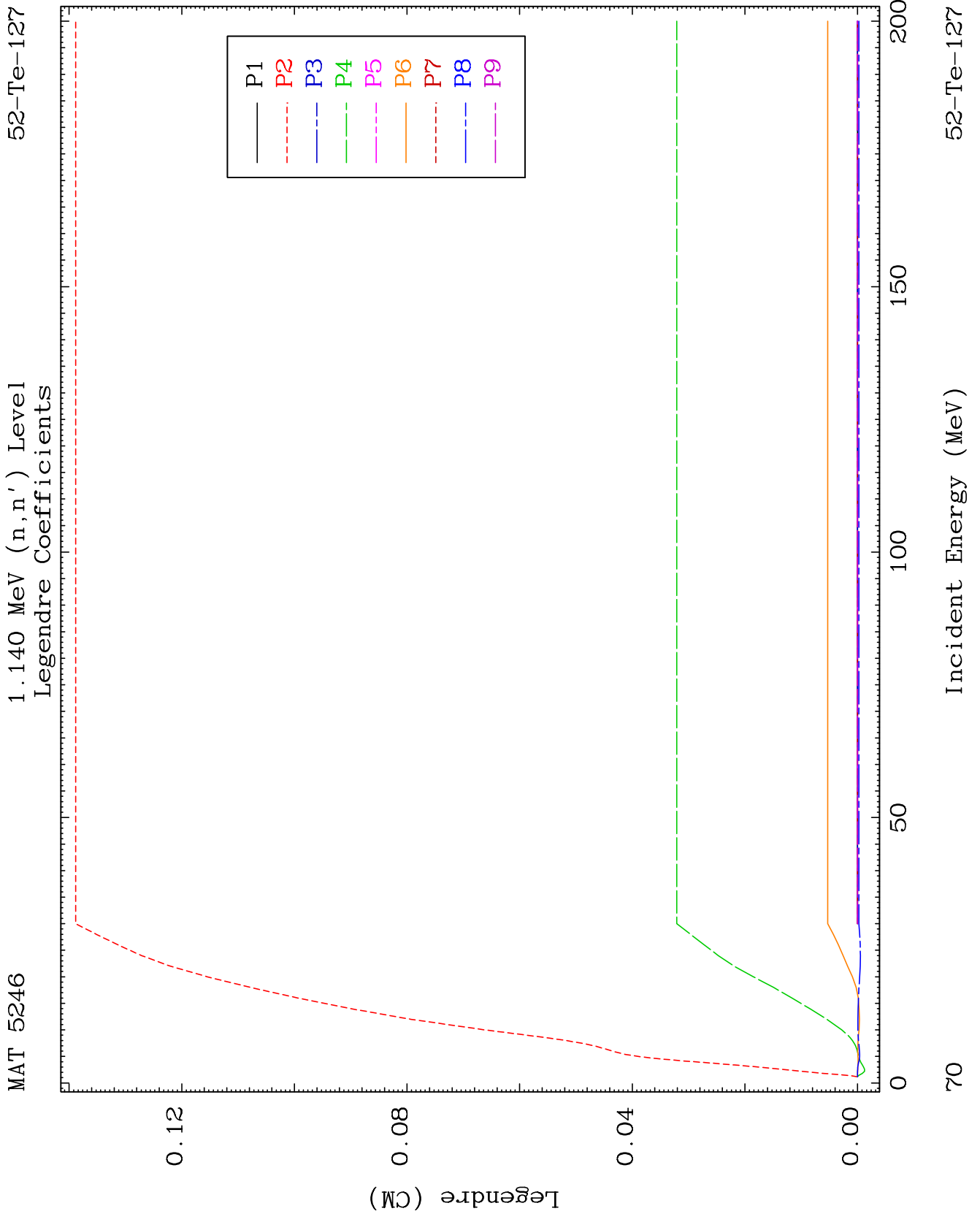


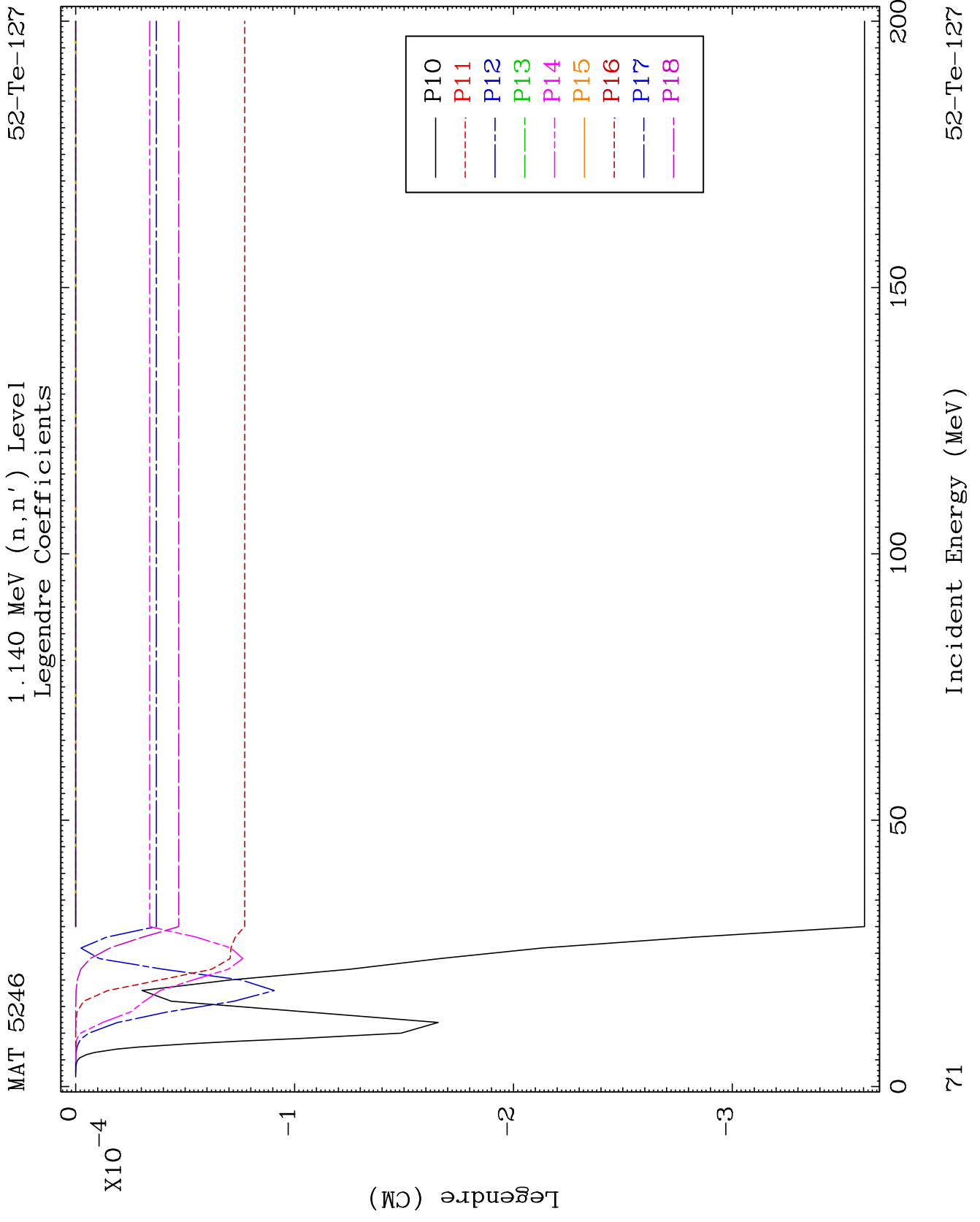
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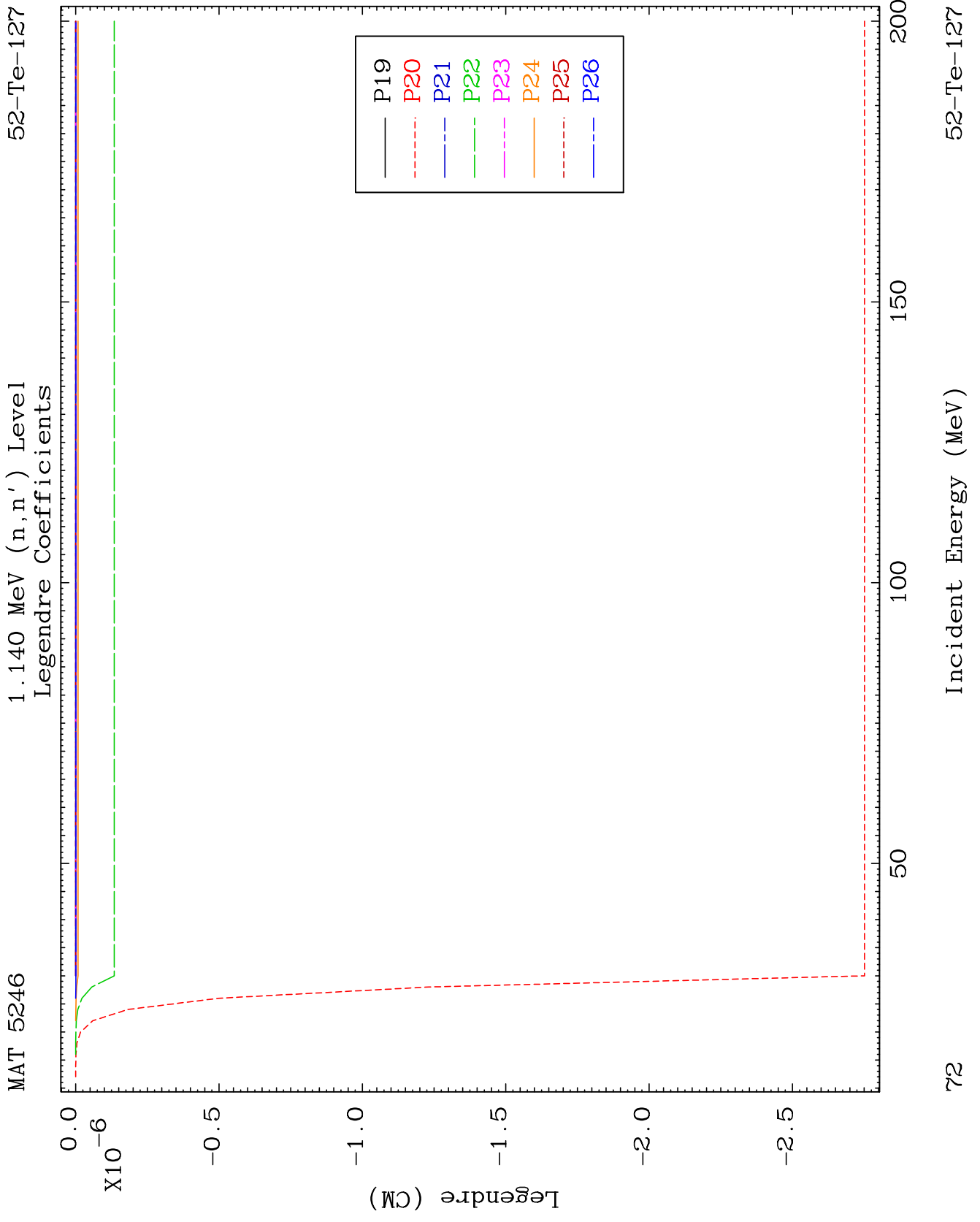
Incident Energy (MeV)

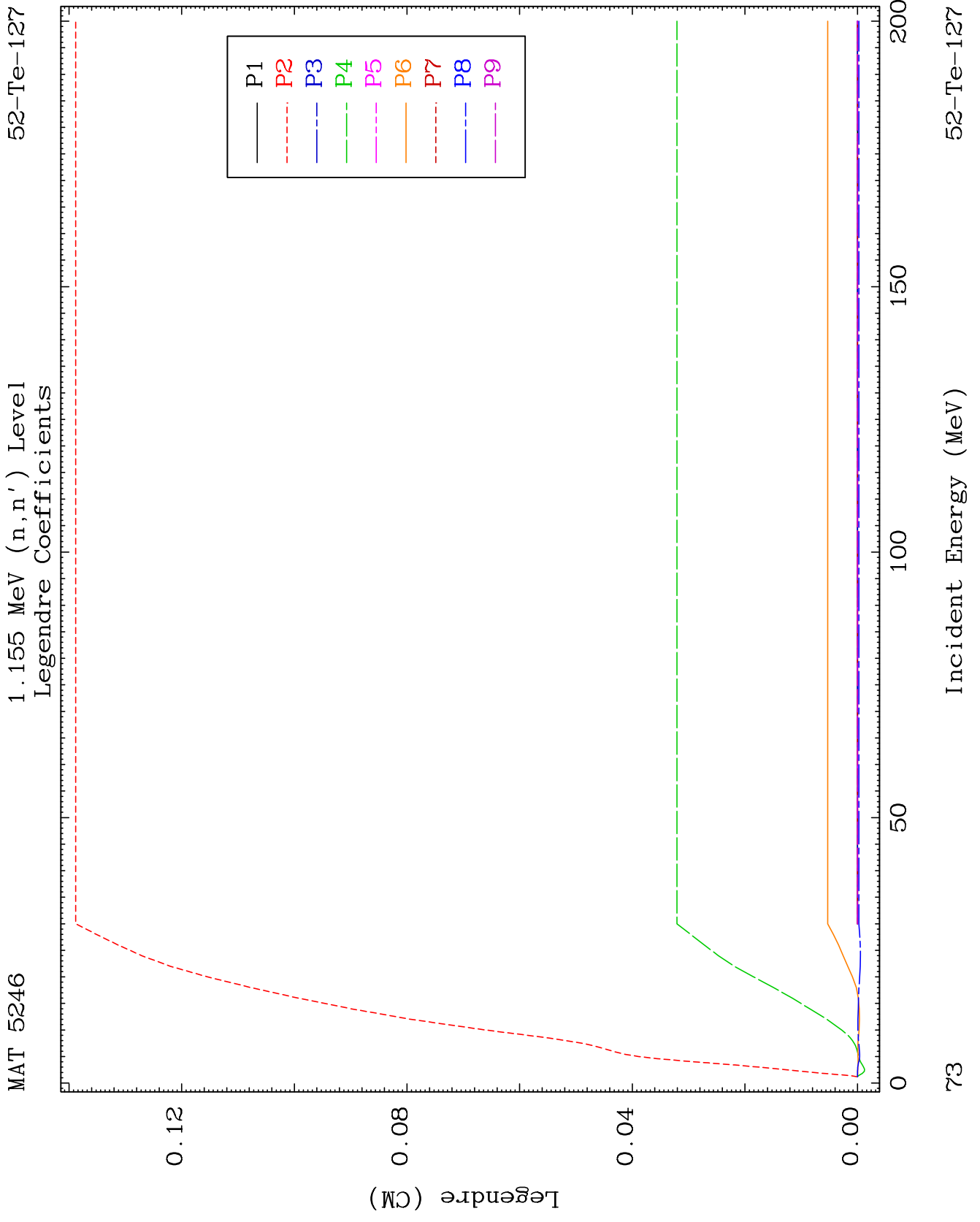
52-Te-127

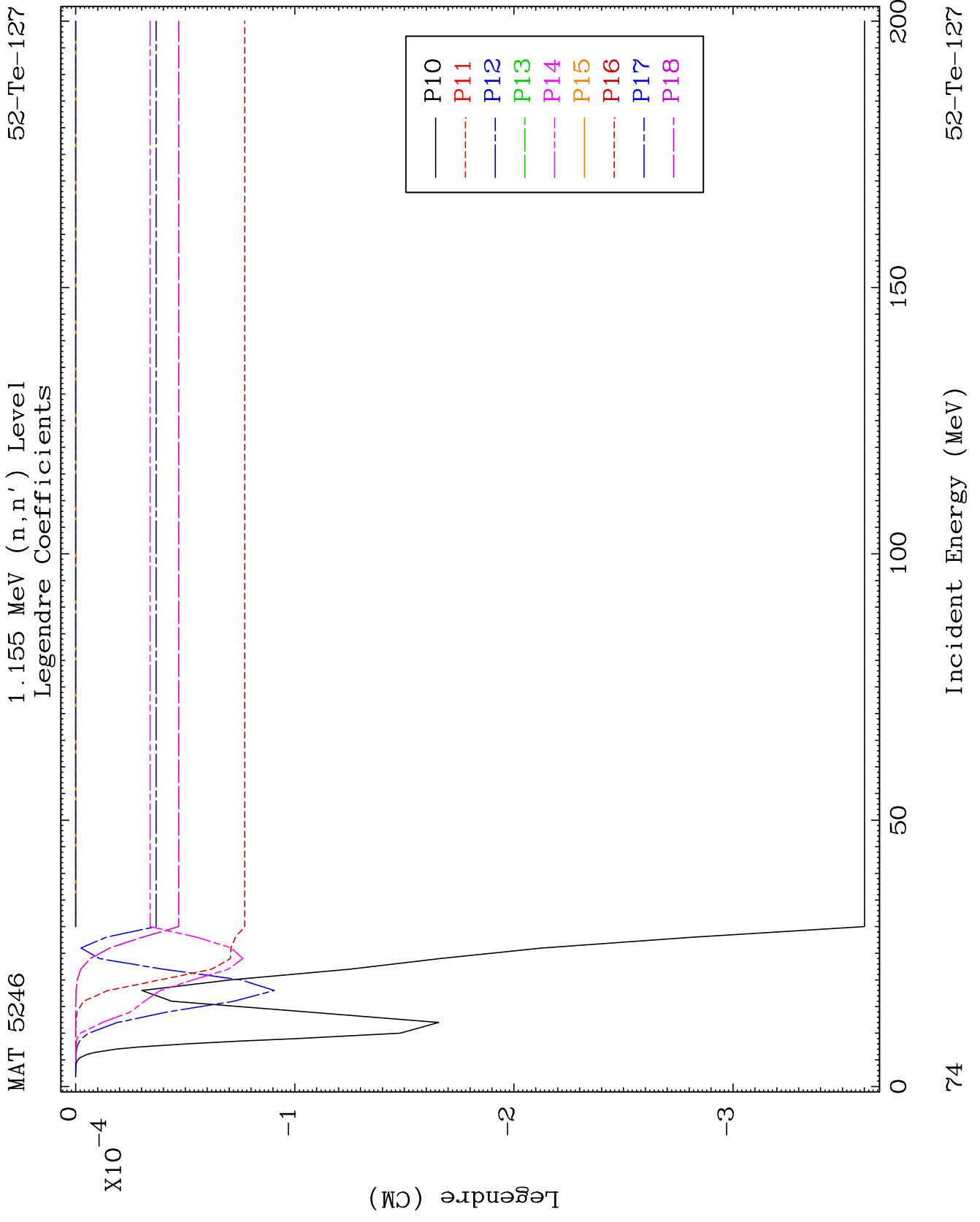


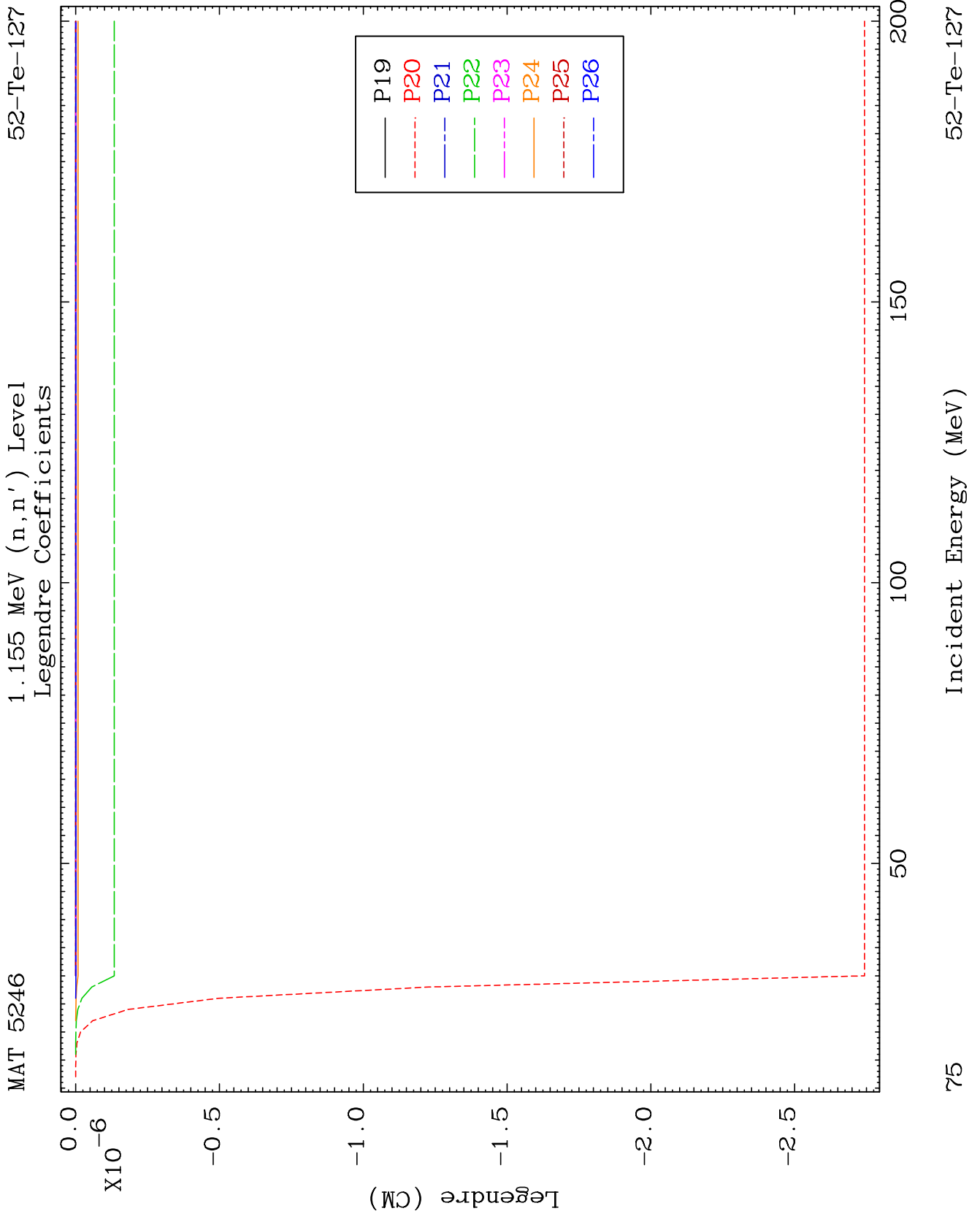








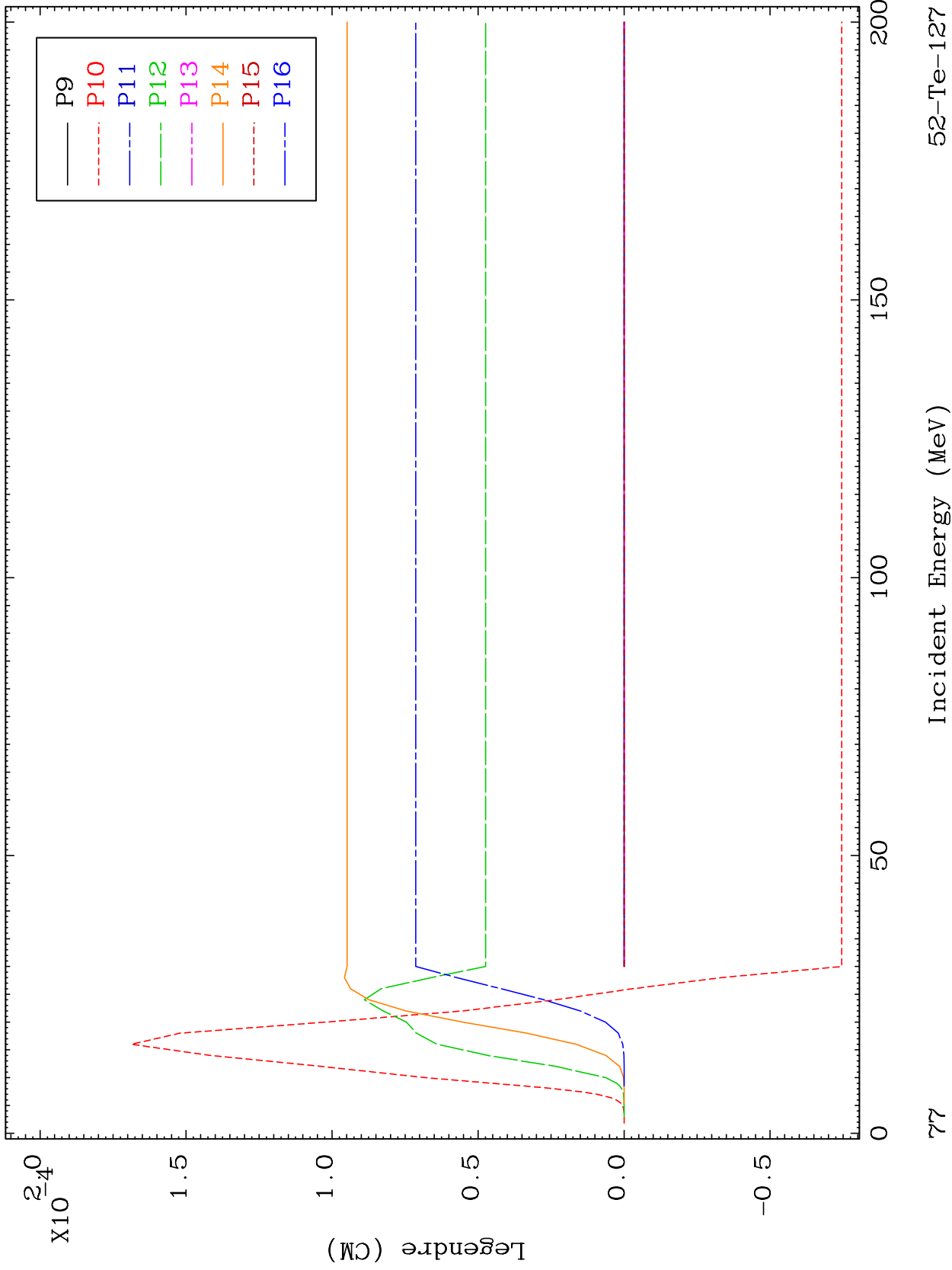




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1.157 MeV (n,n') Level
Legendre Coefficients

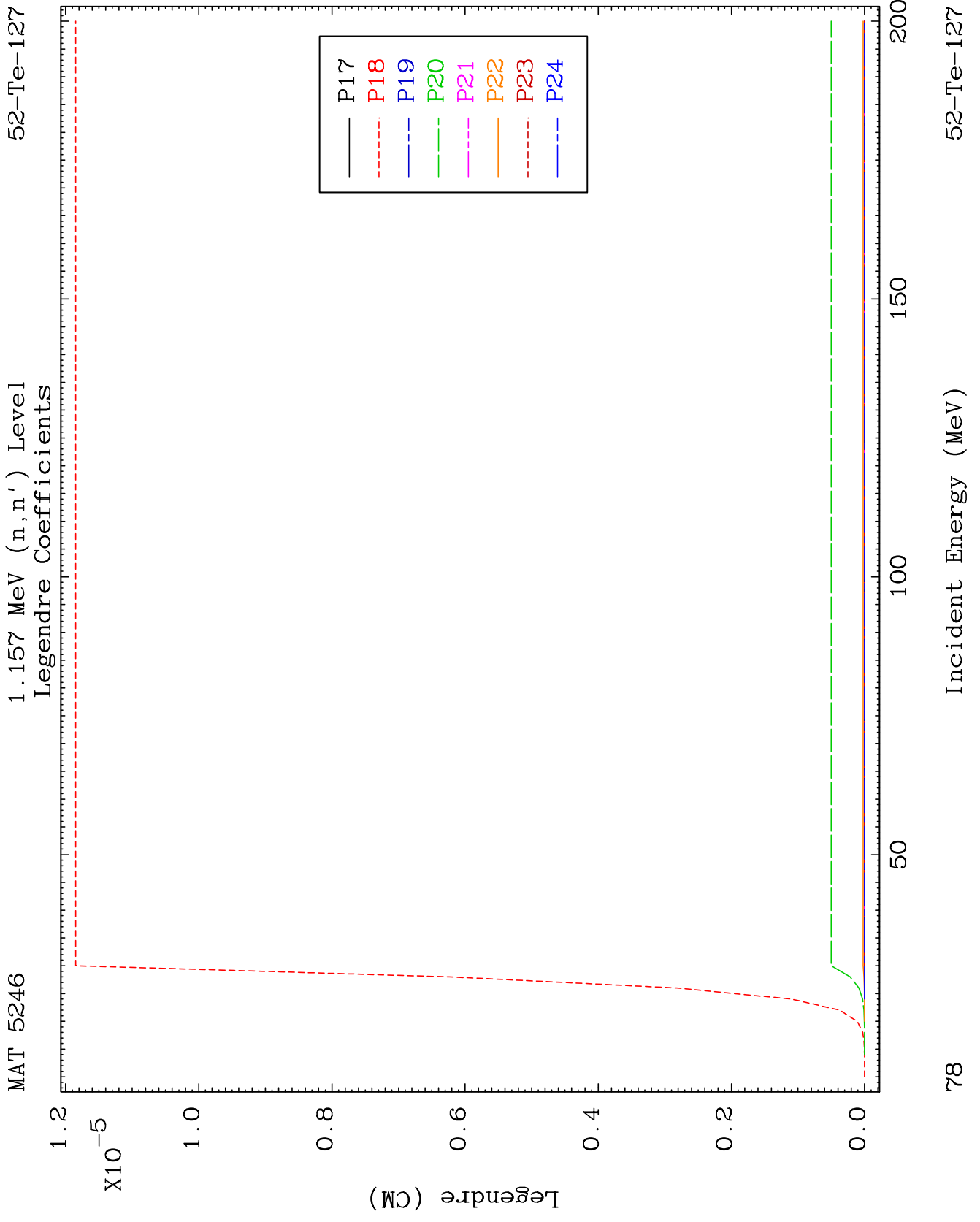
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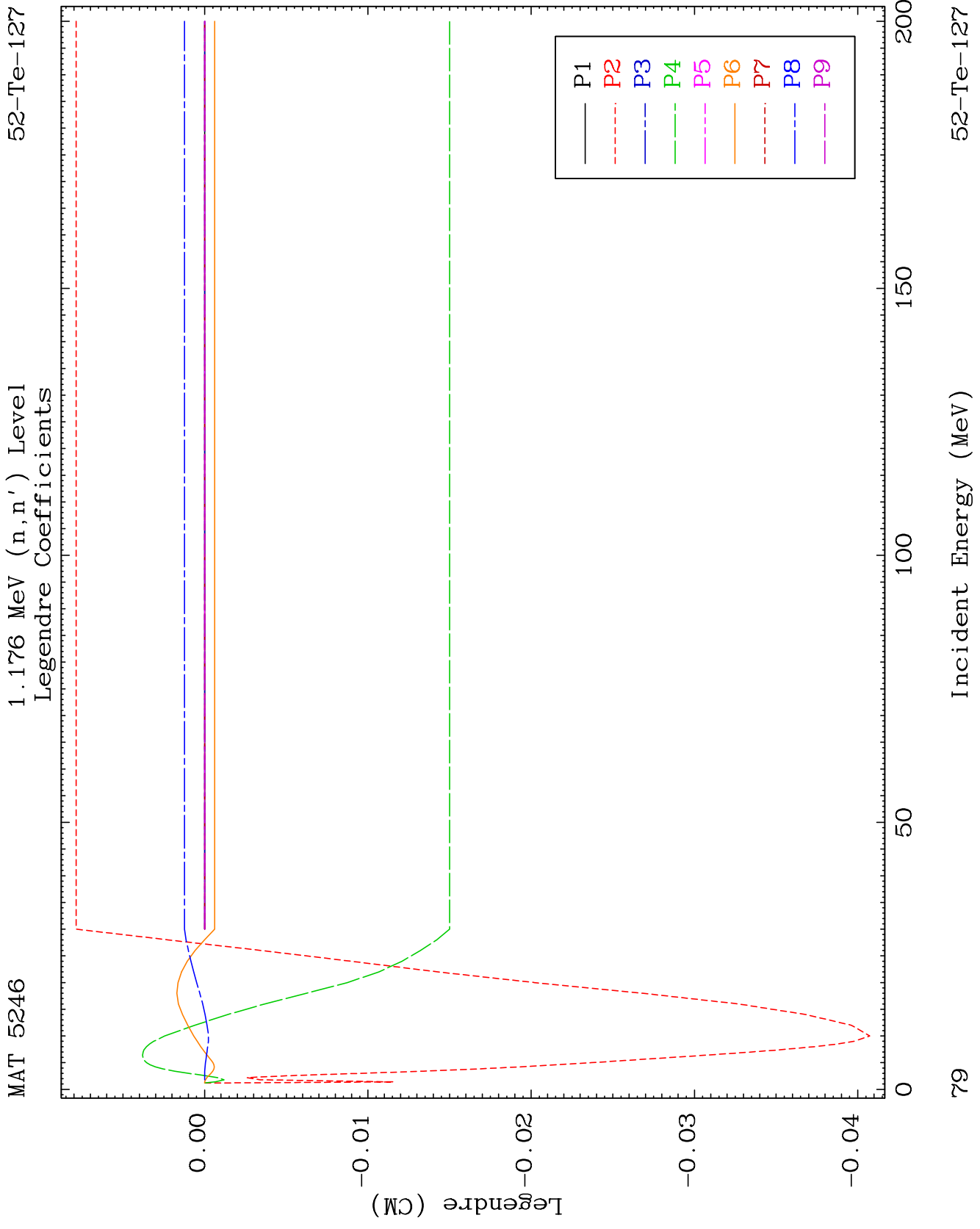


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Incident Energy (MeV)

52-Te-127

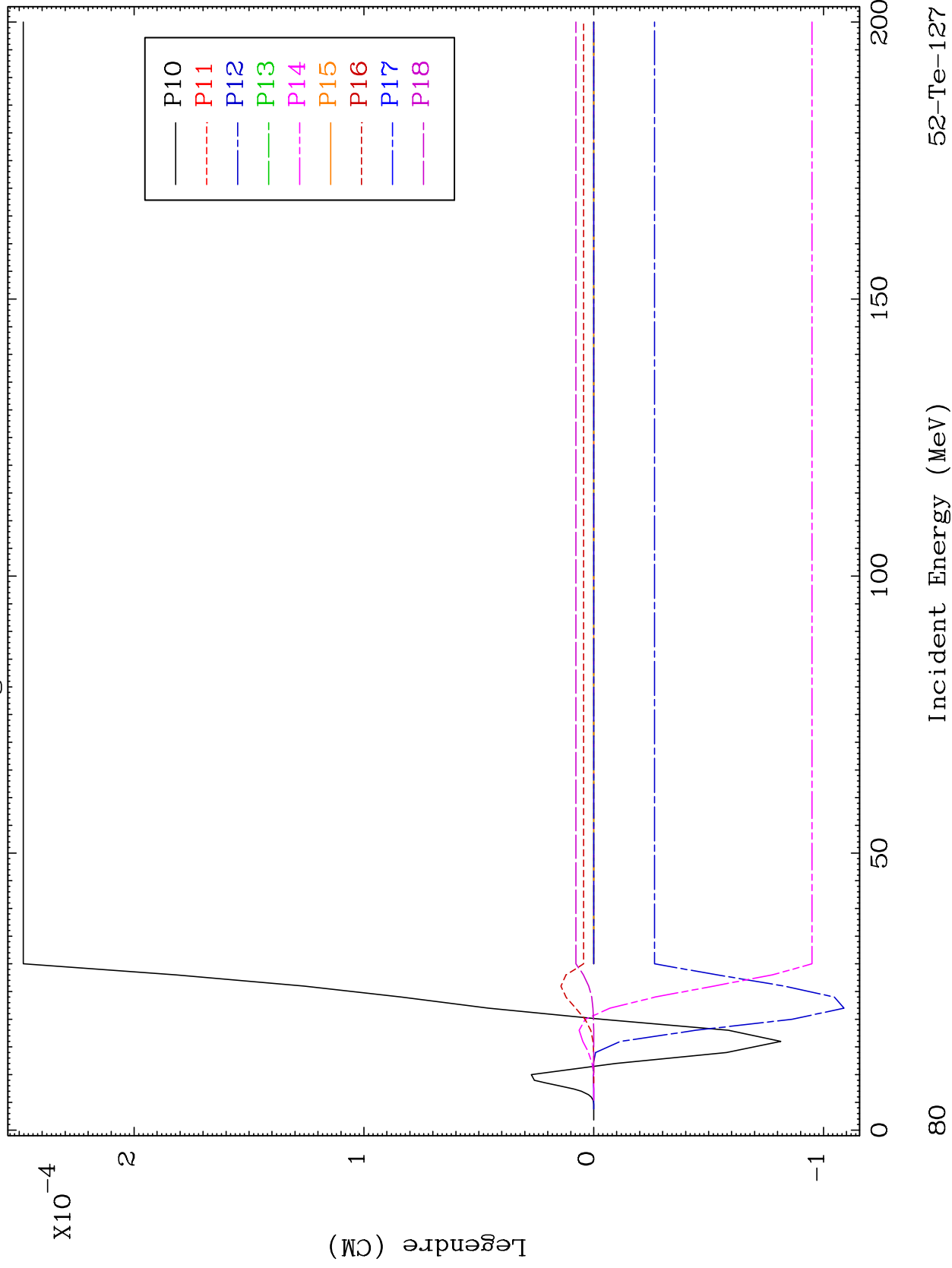


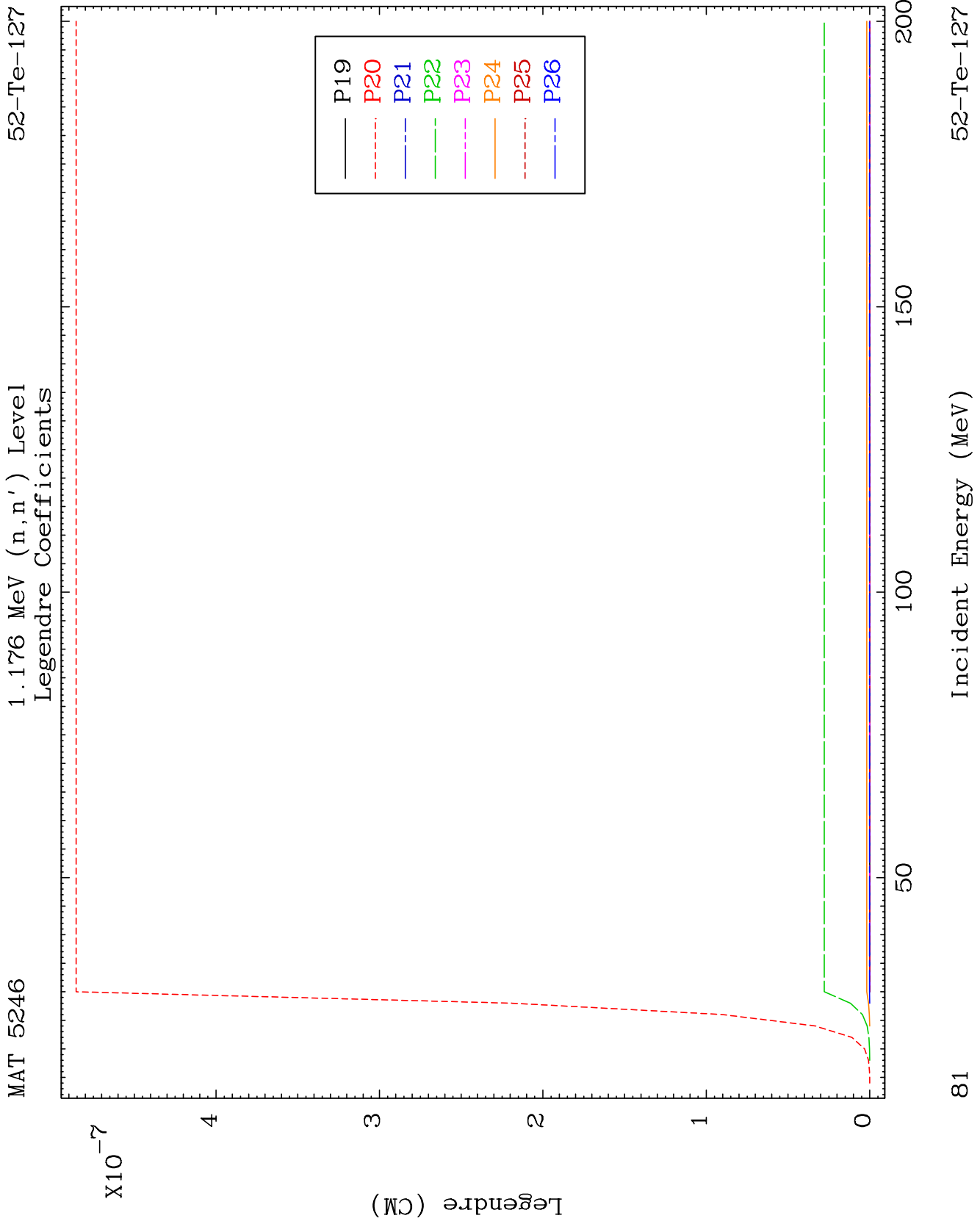


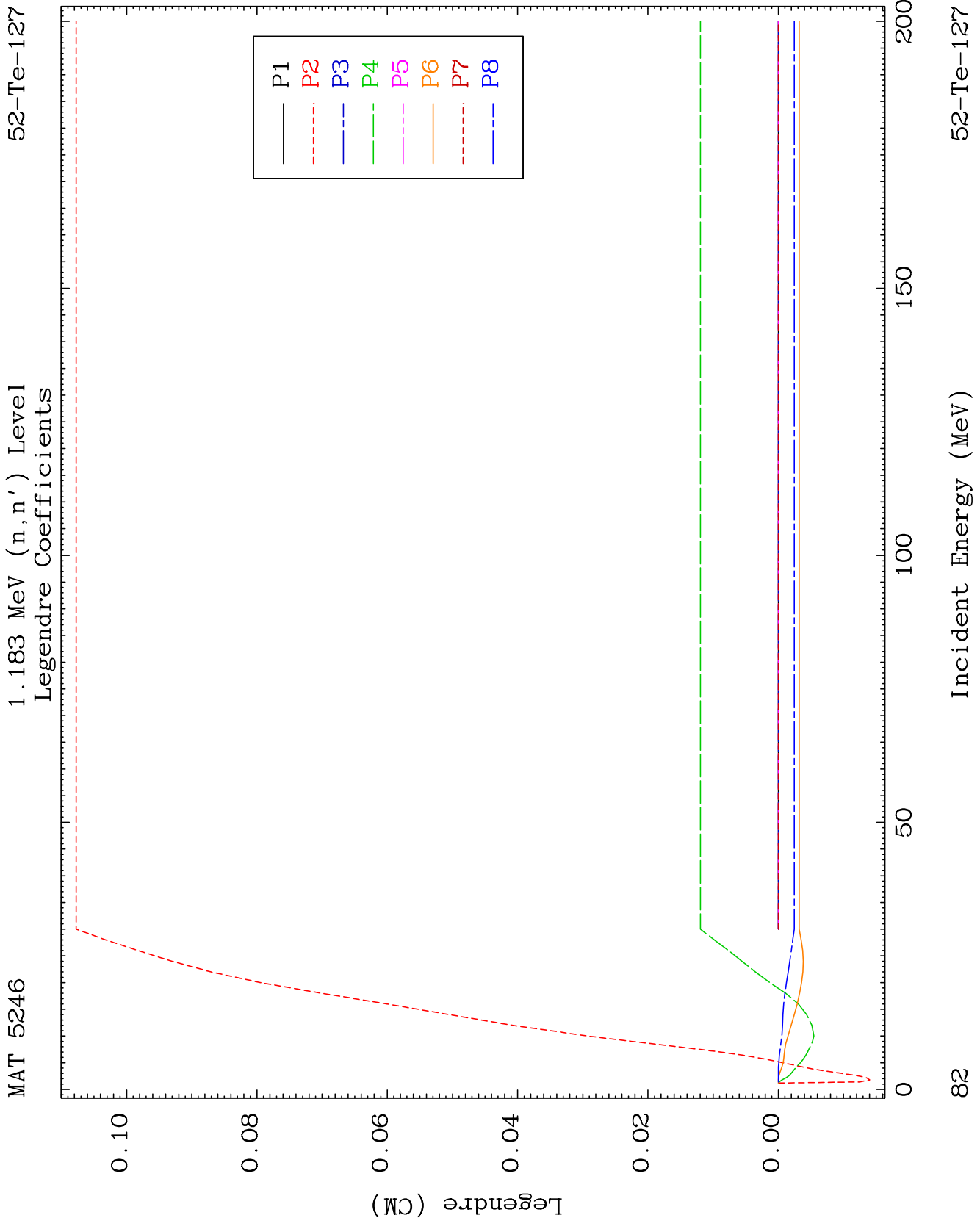
MAT 5246

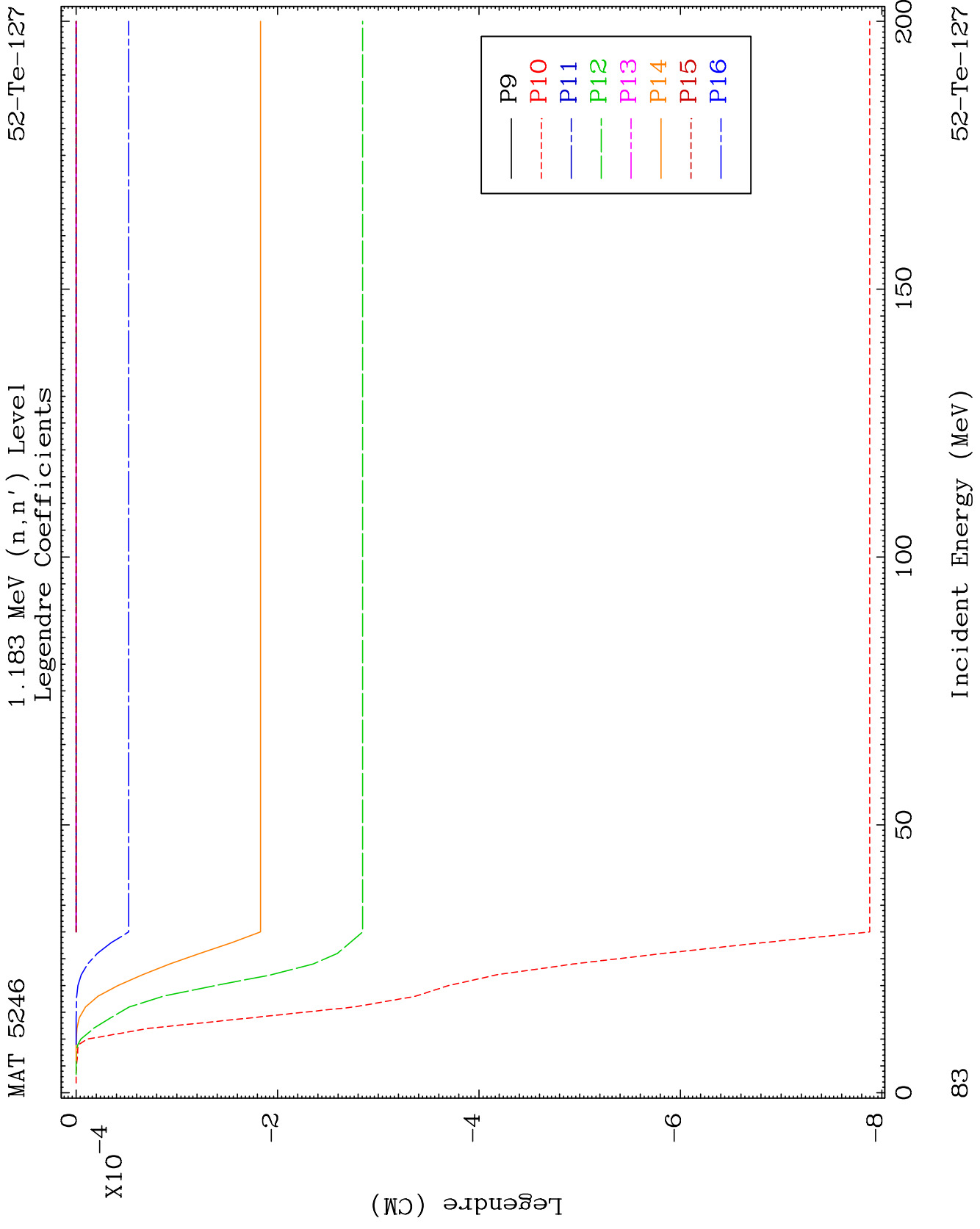
1.176 MeV (n,n') Level
Legendre Coefficients

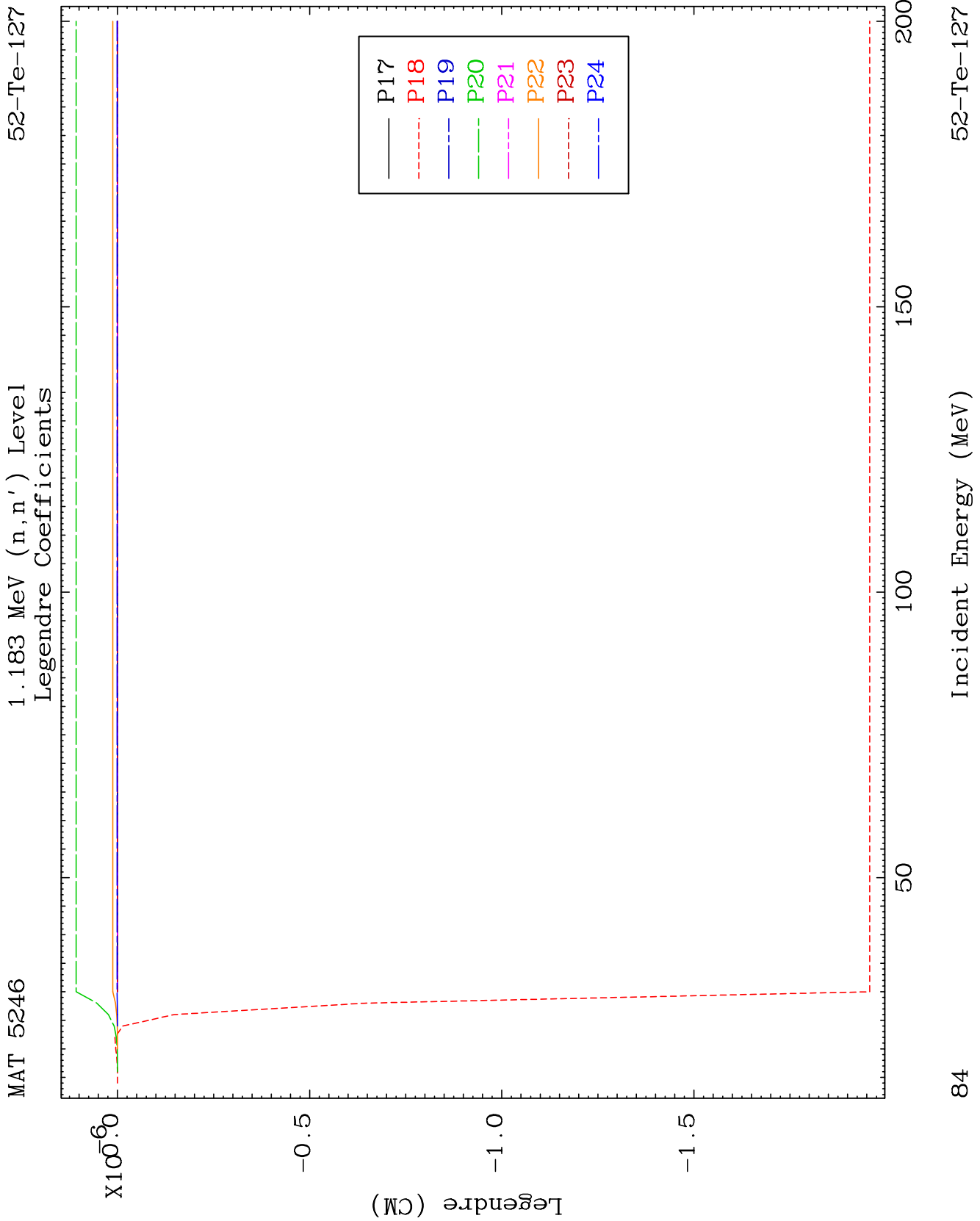
52-Te-127

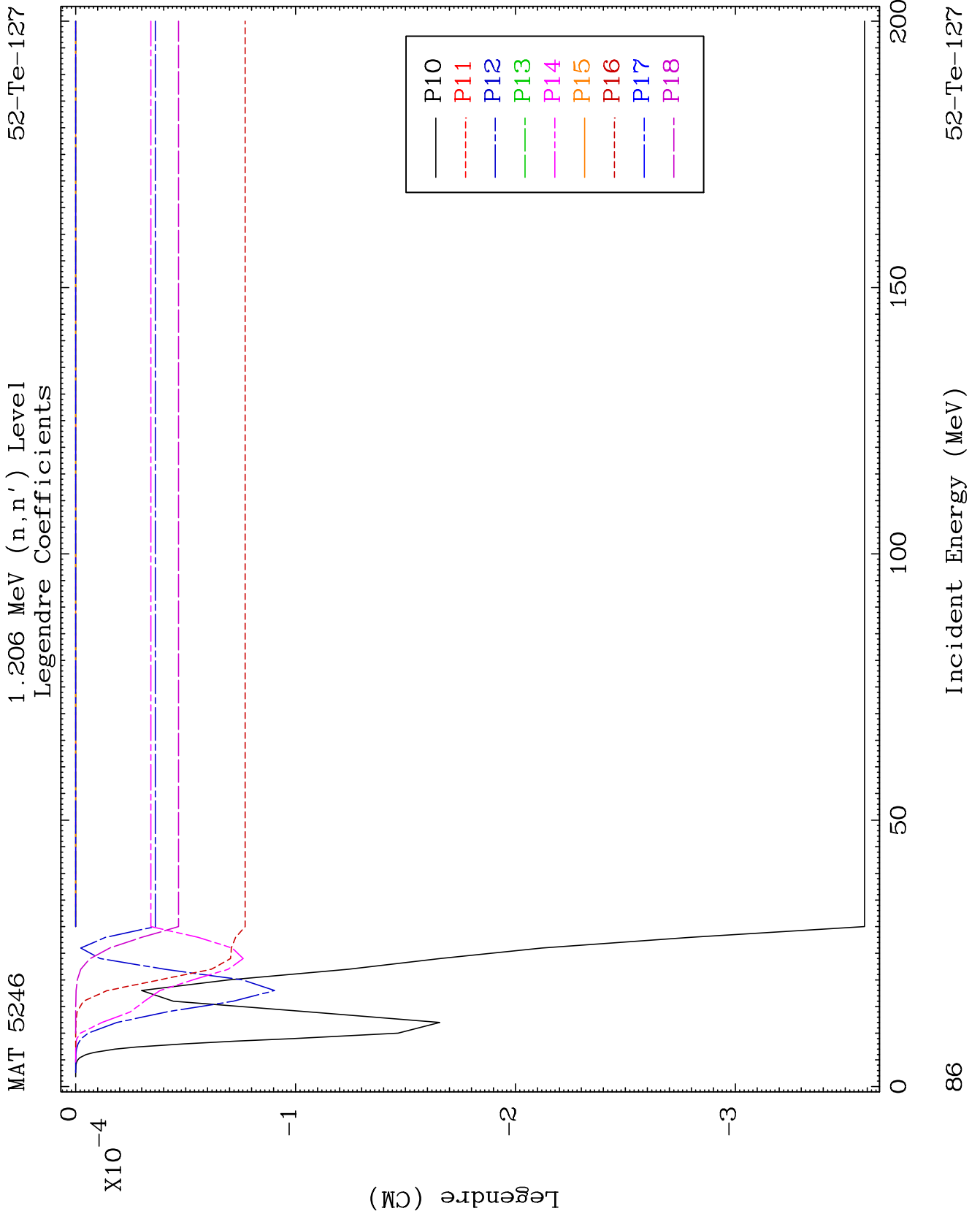


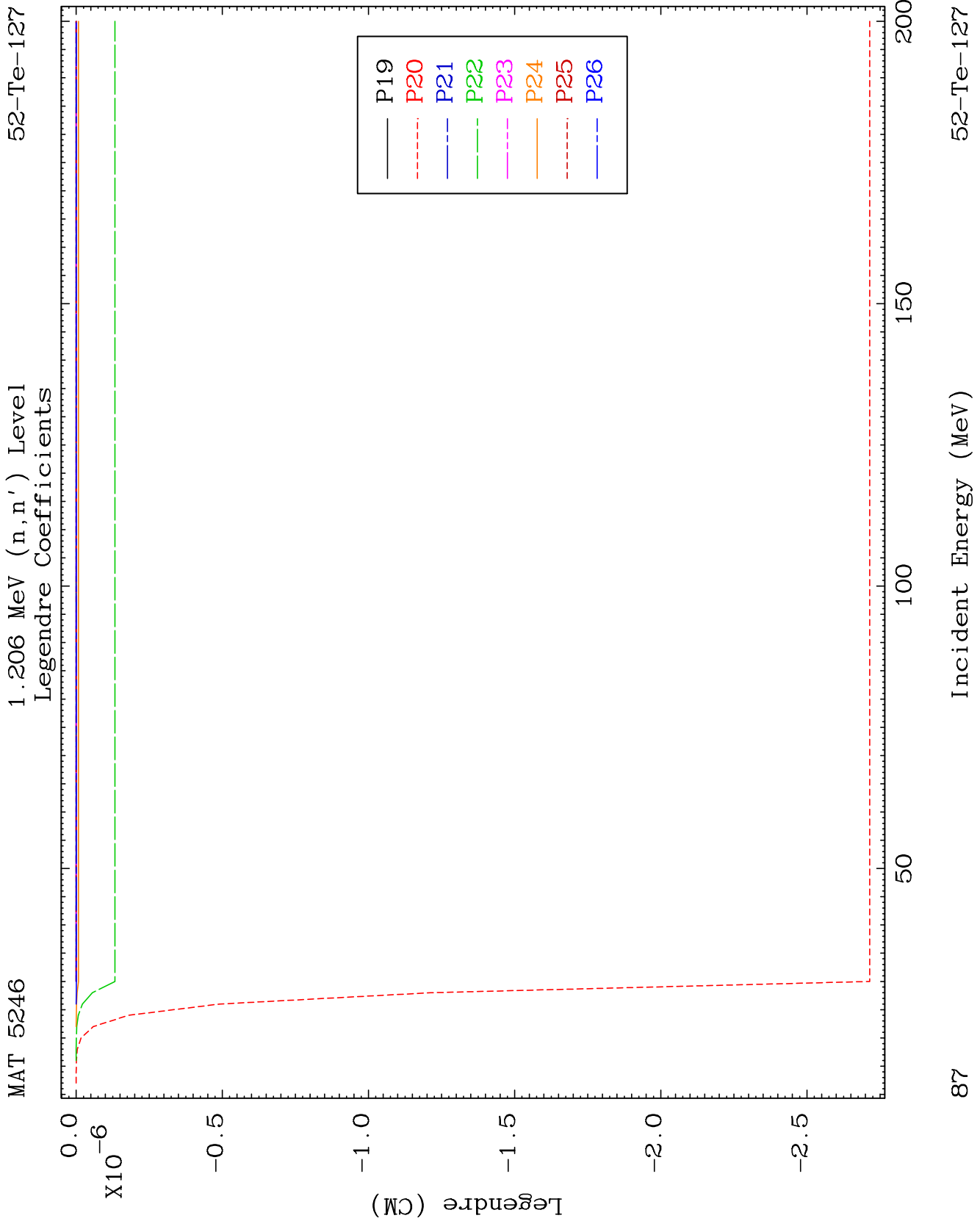


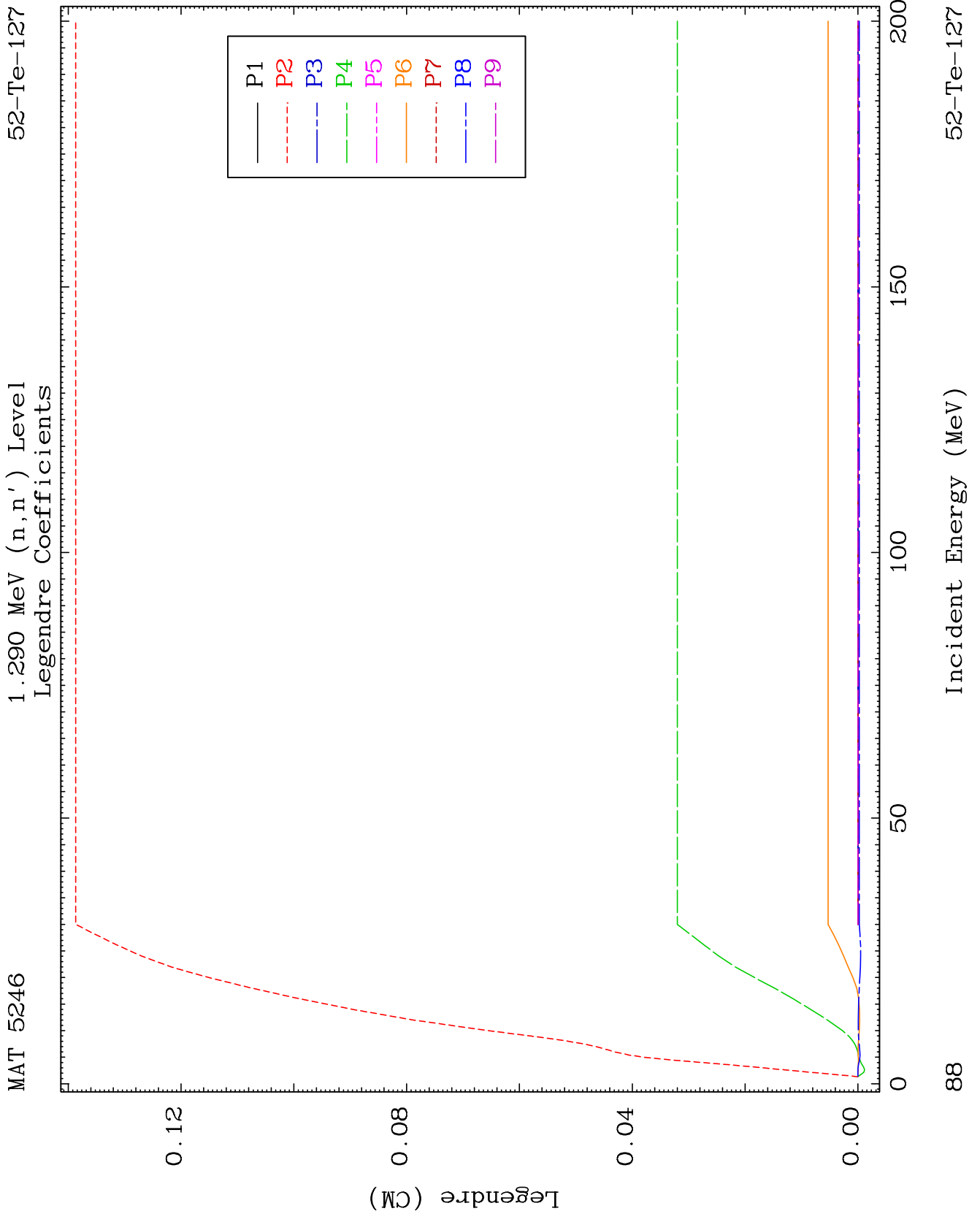


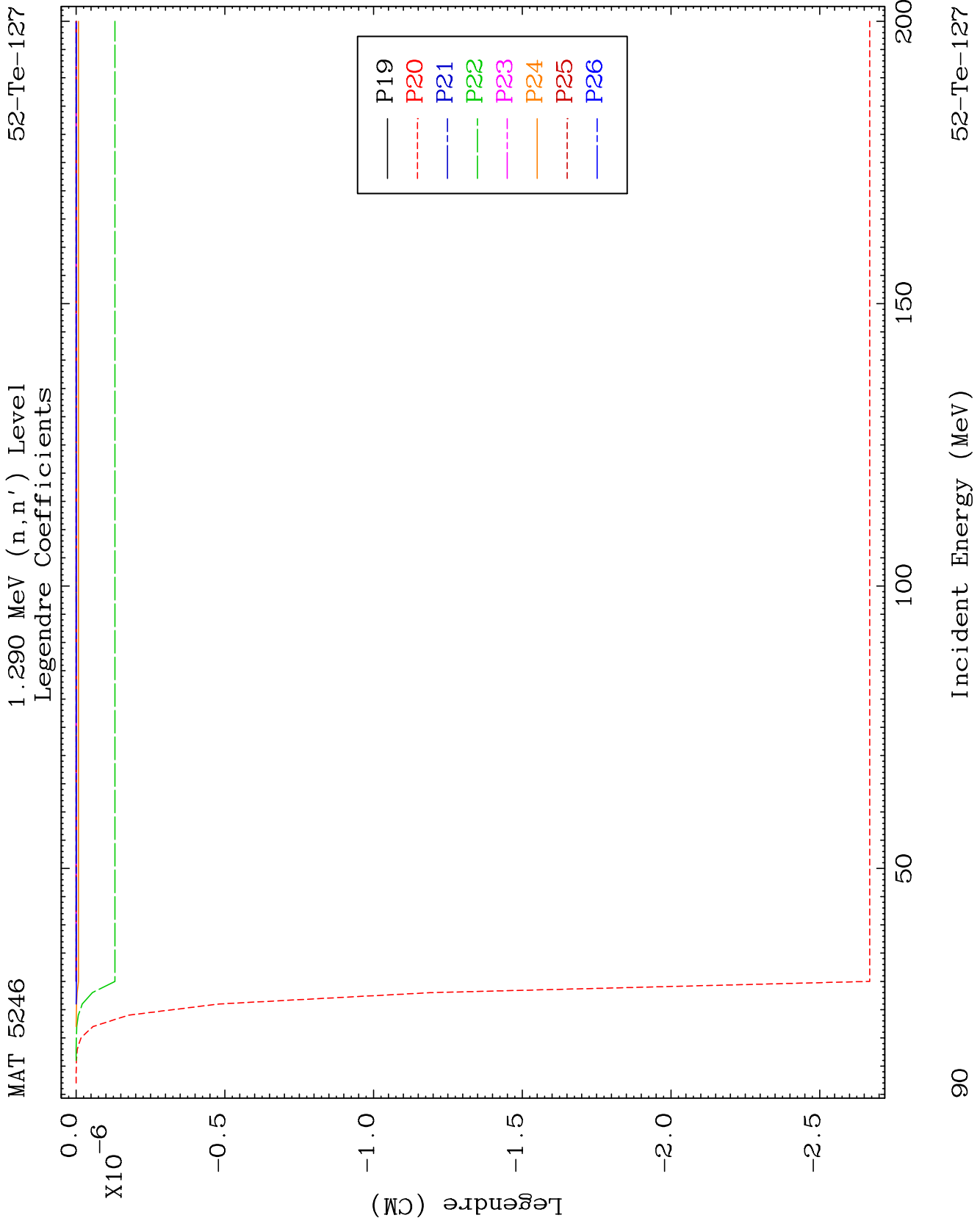


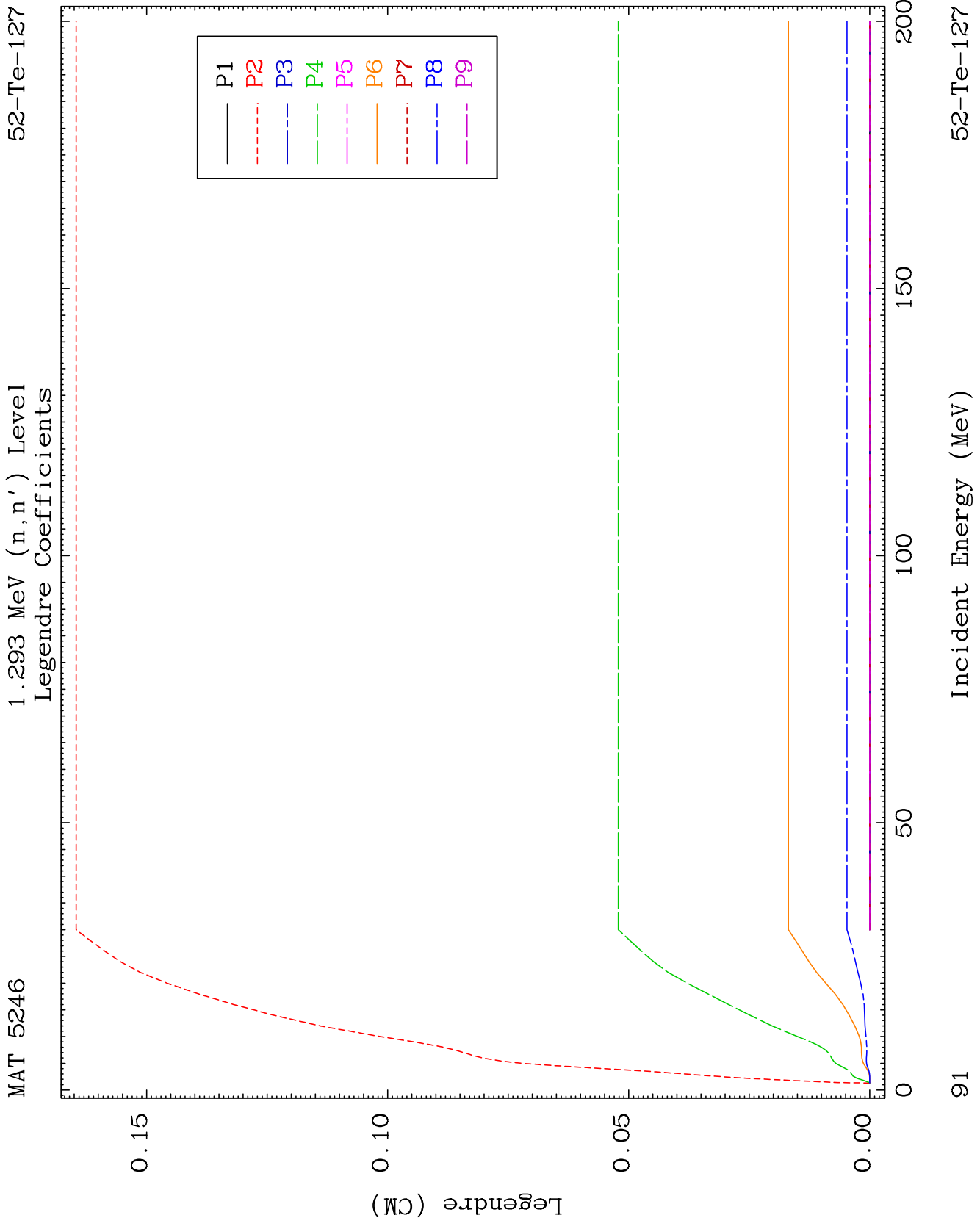








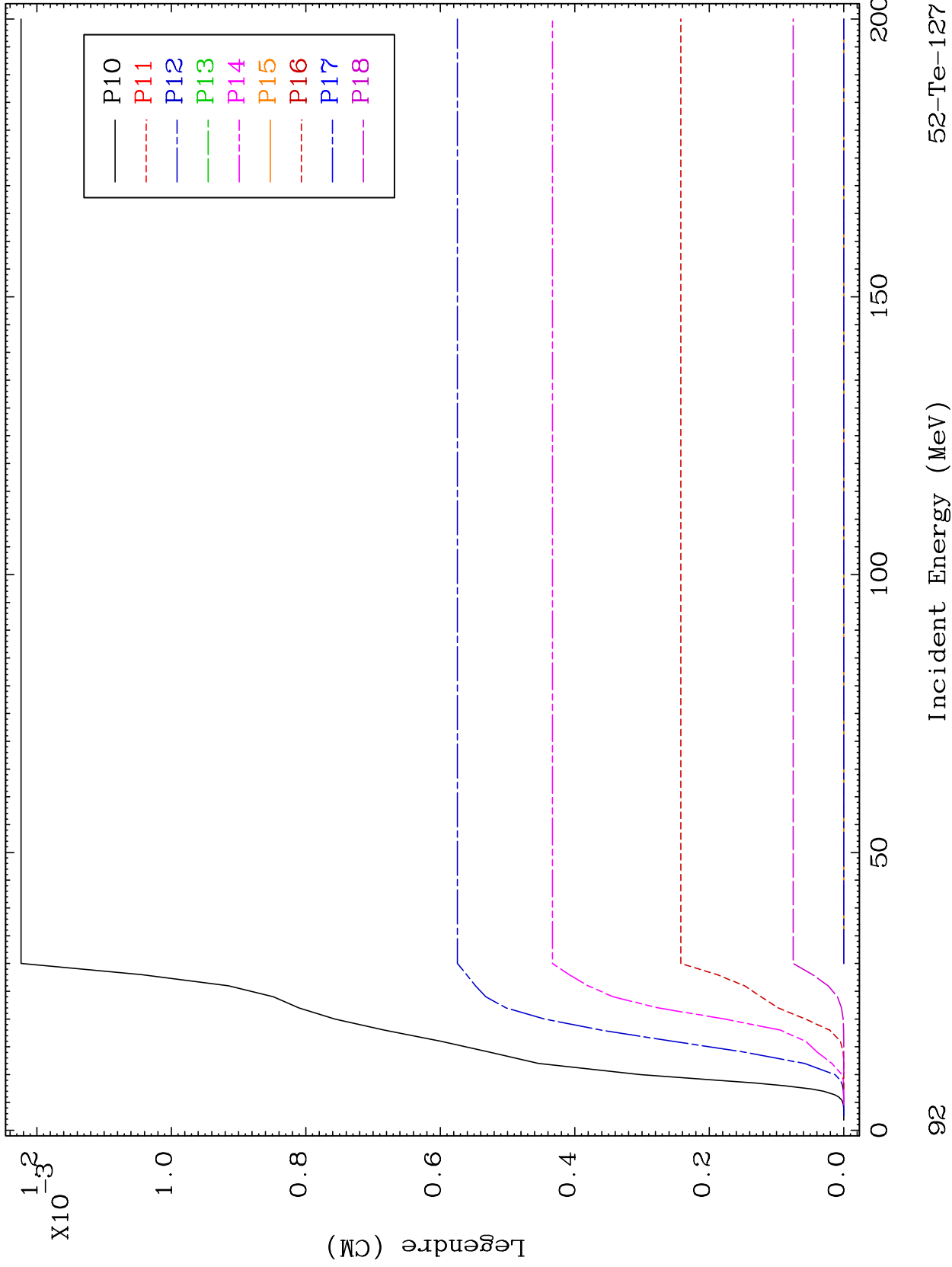




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1.293 MeV (n,n') Level
Legendre Coefficients

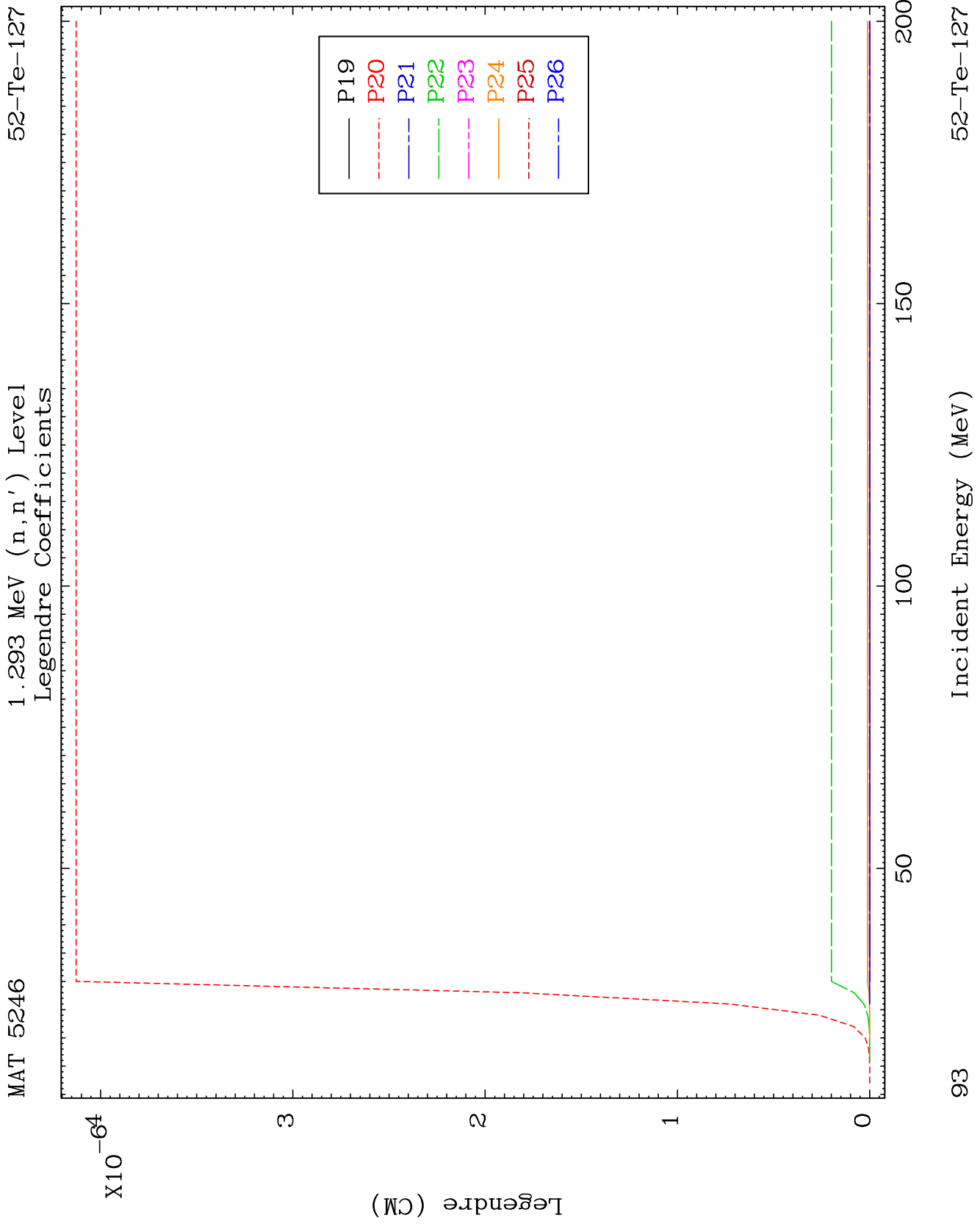
52-Te-127

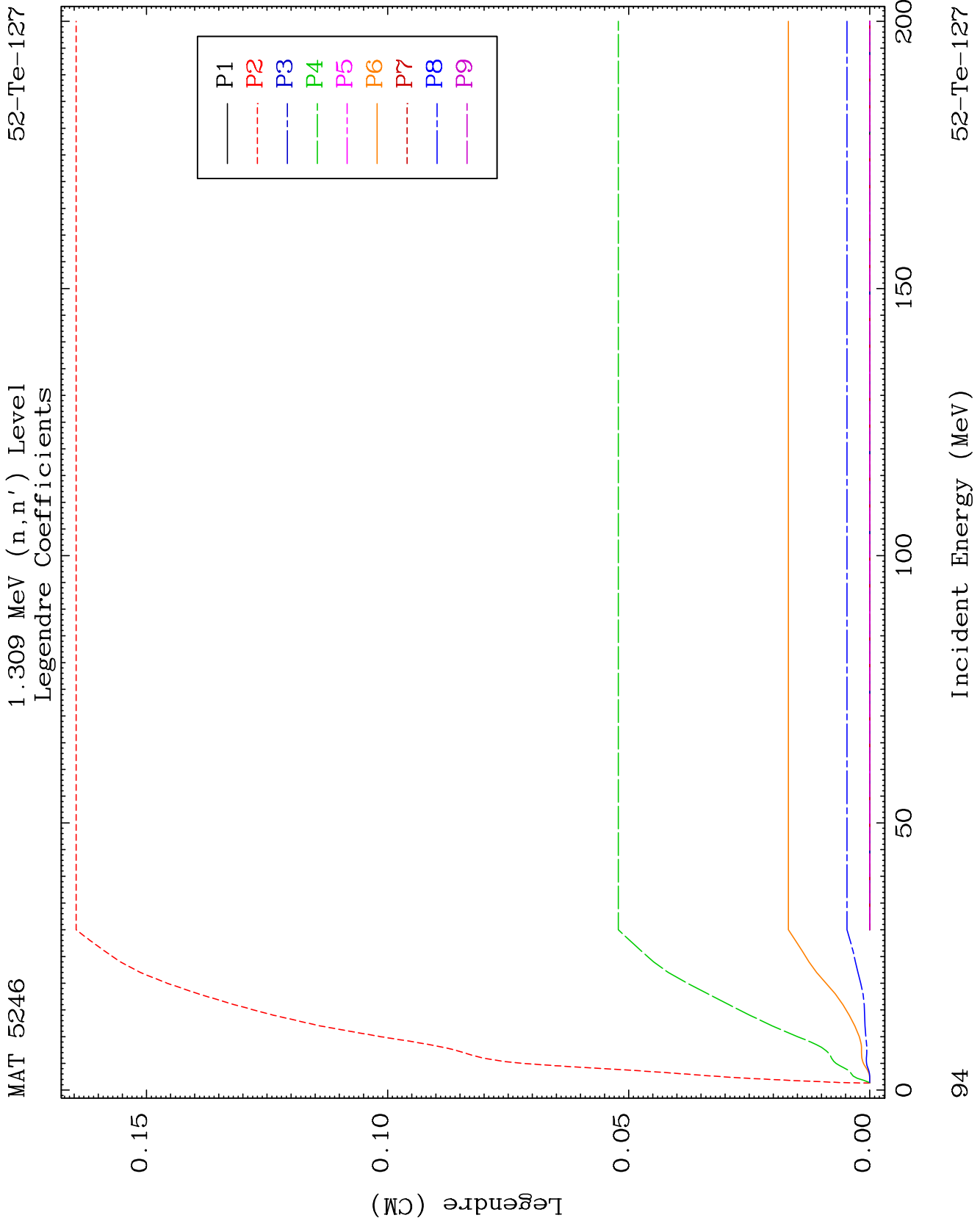


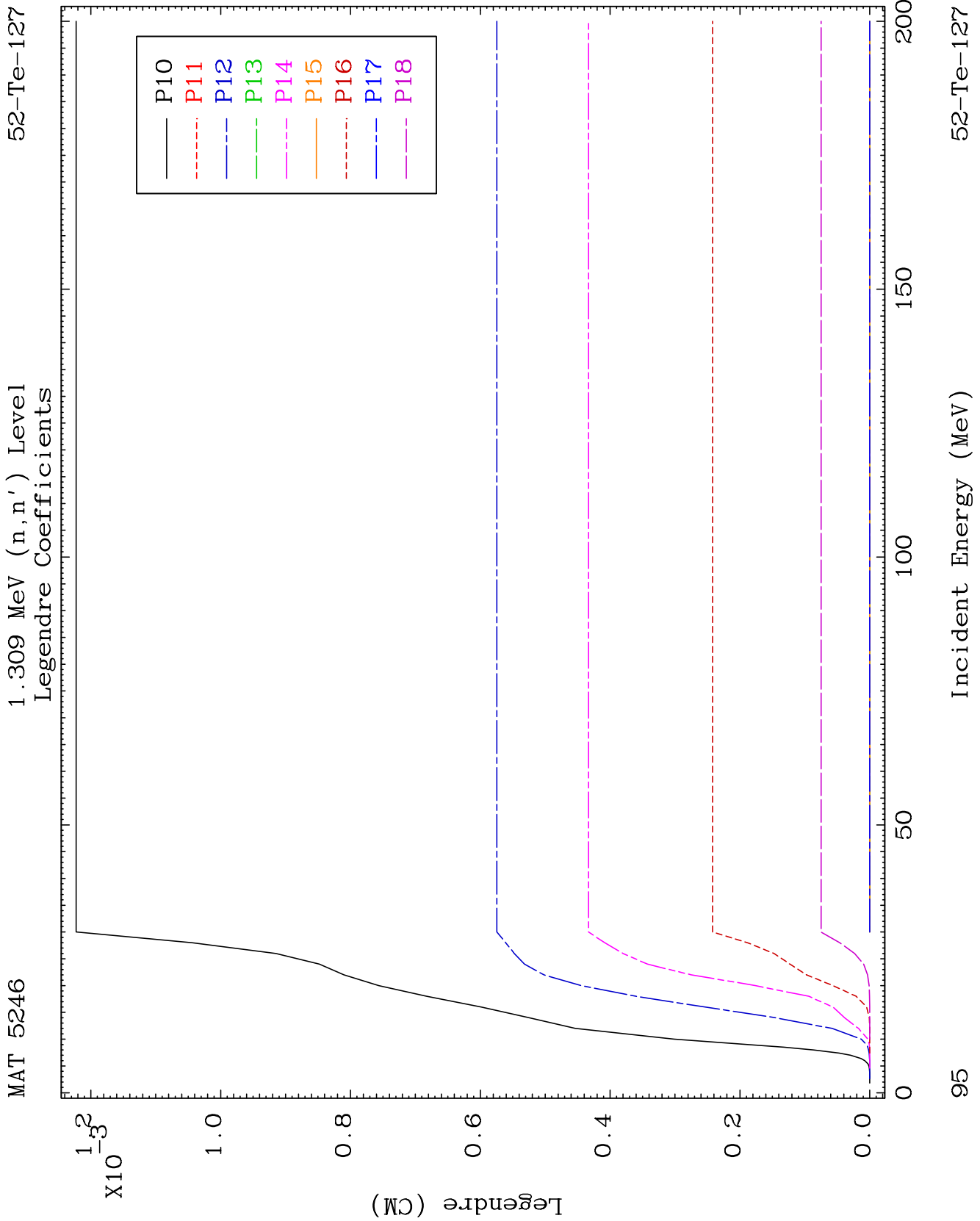
92

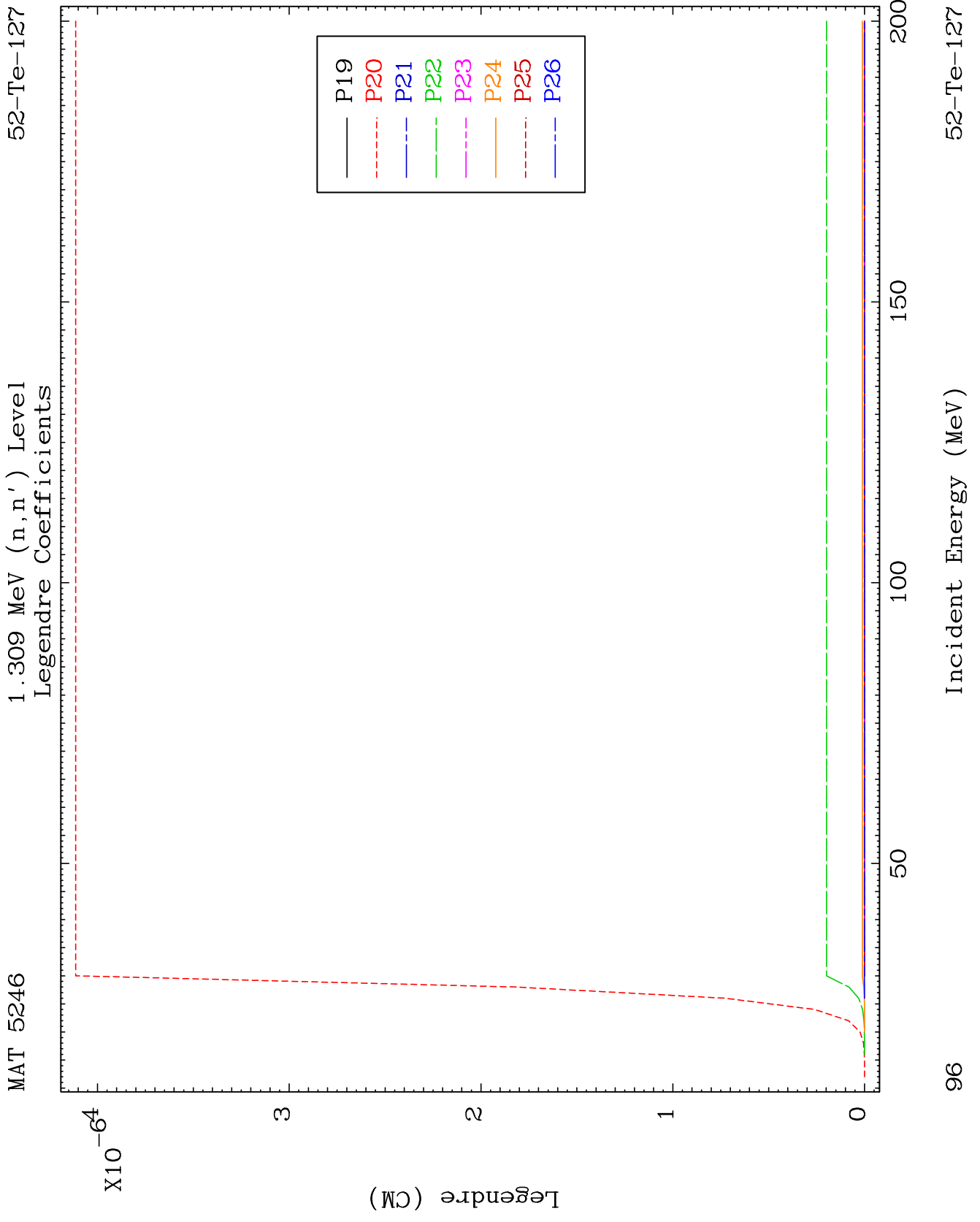
Incident Energy (MeV)

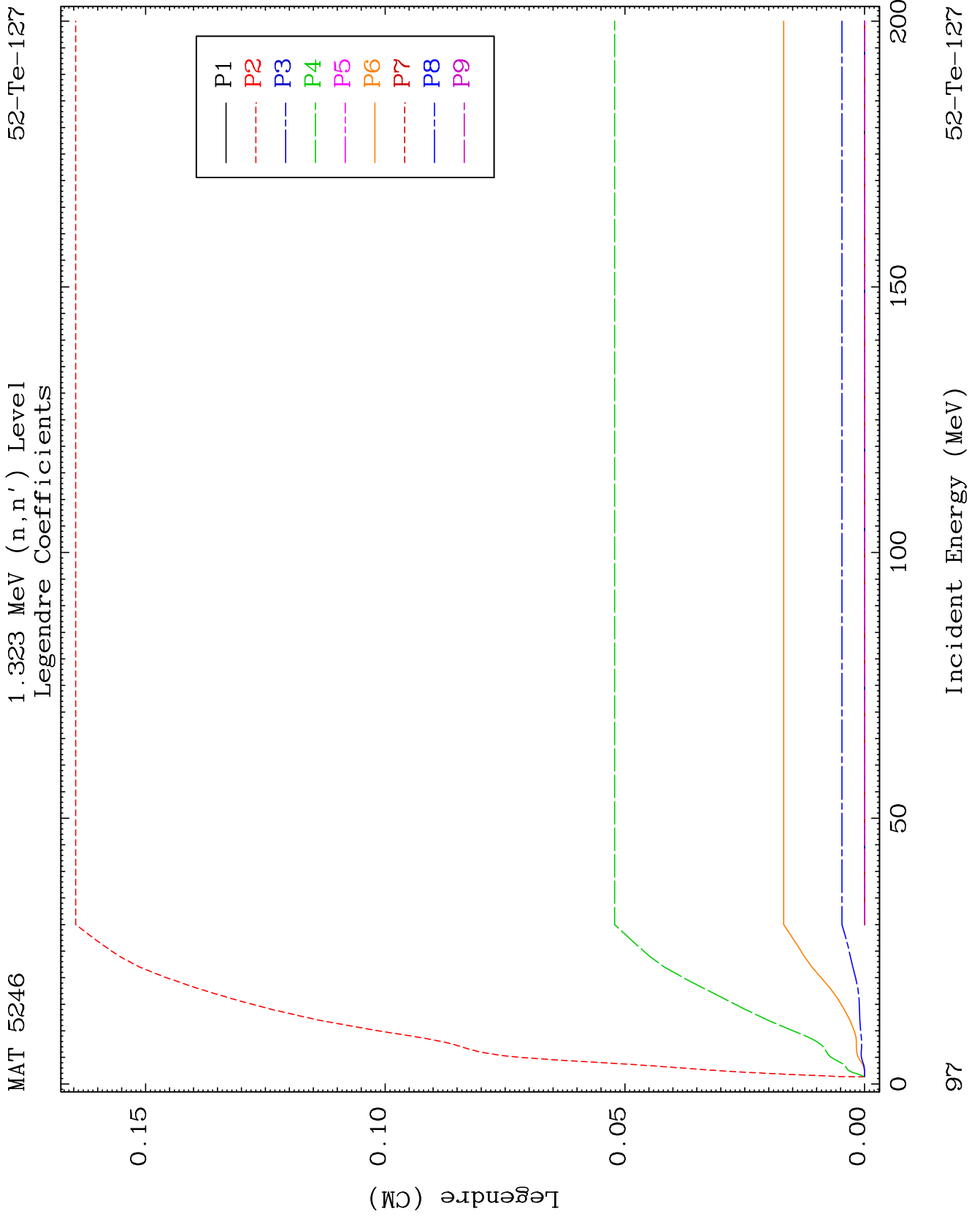
52-Te-127







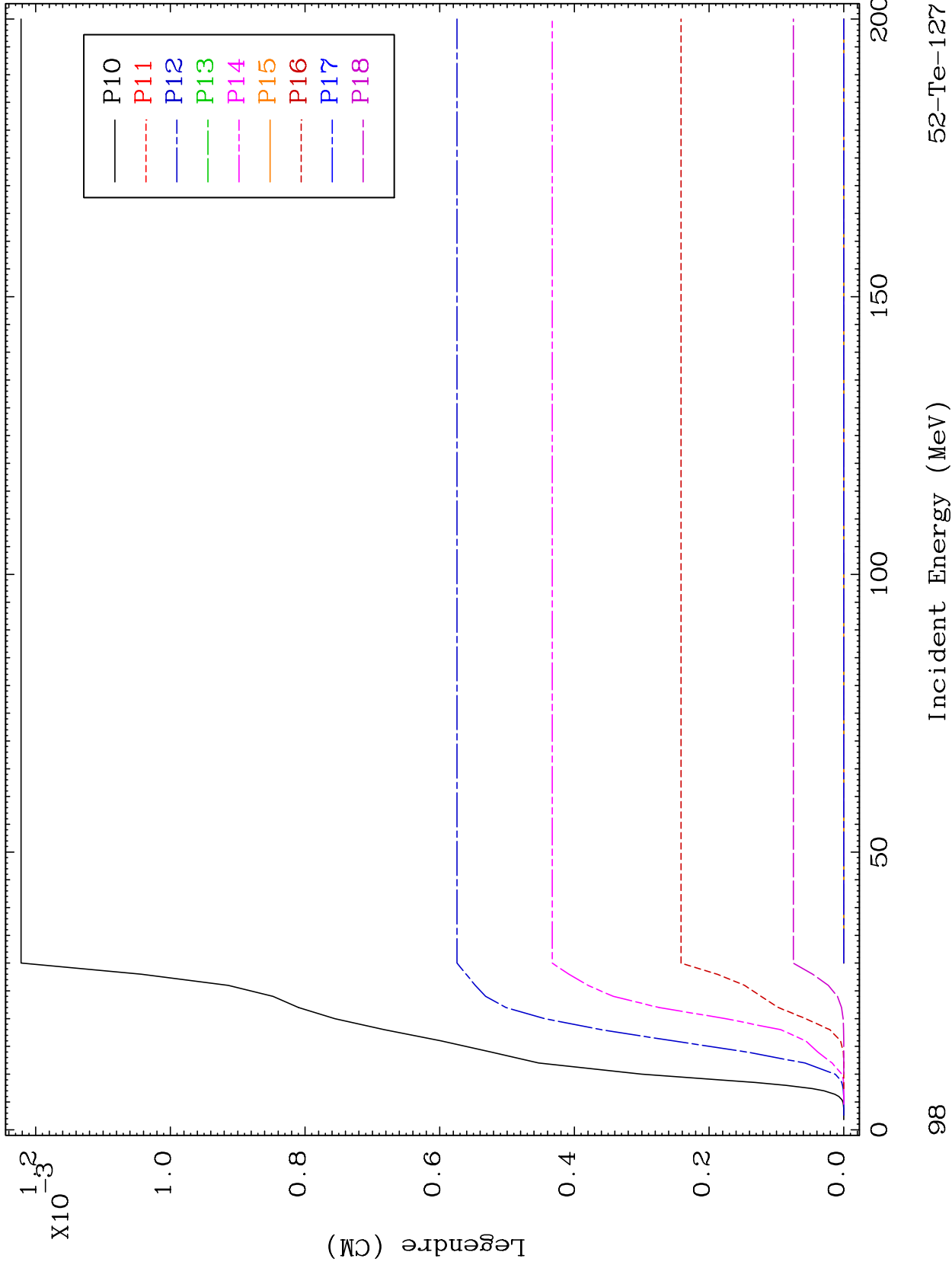




MAT 5246

1.323 MeV (n,n') Level
Legendre Coefficients

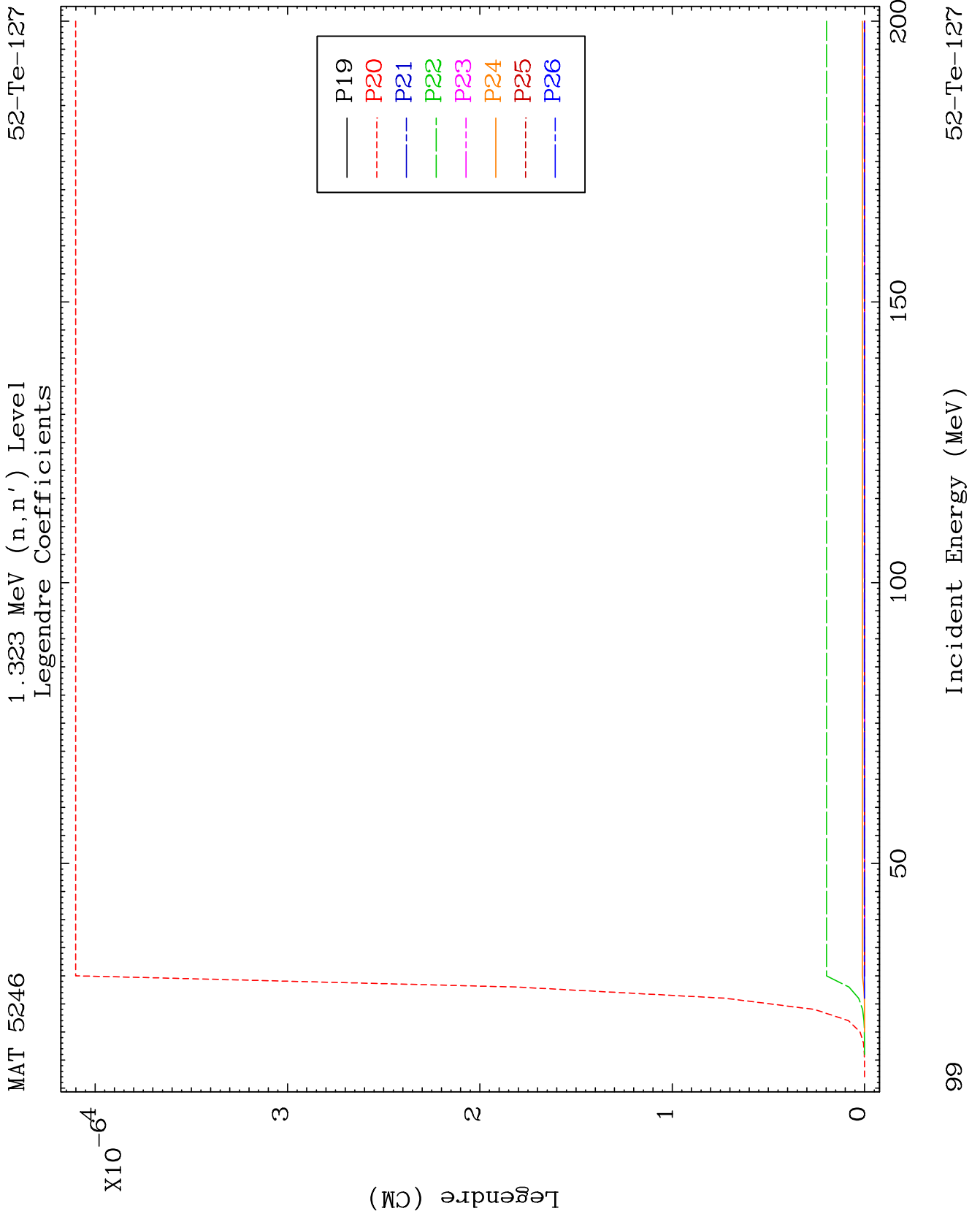
52-Te-127

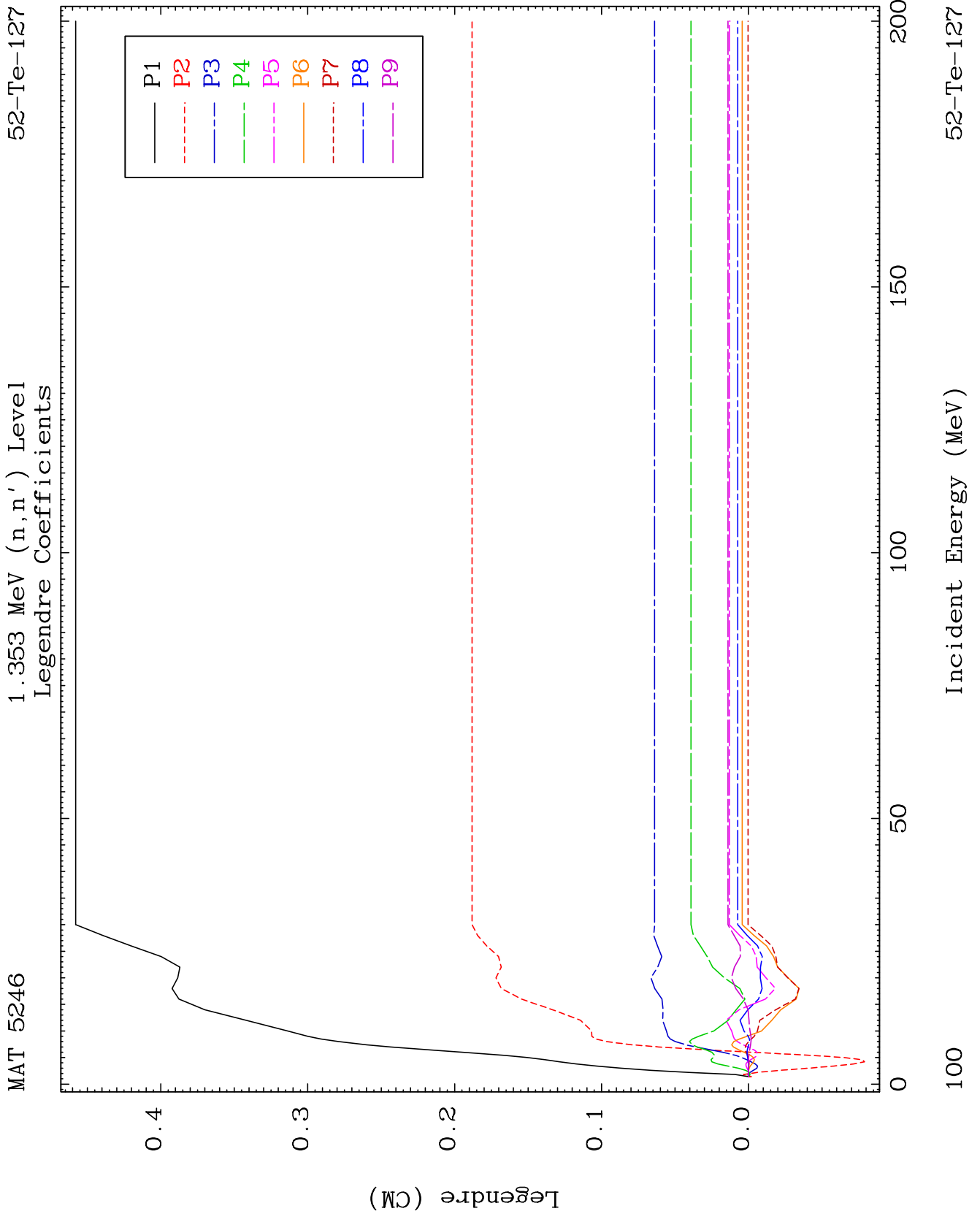


98

Incident Energy (MeV)

52-Te-127

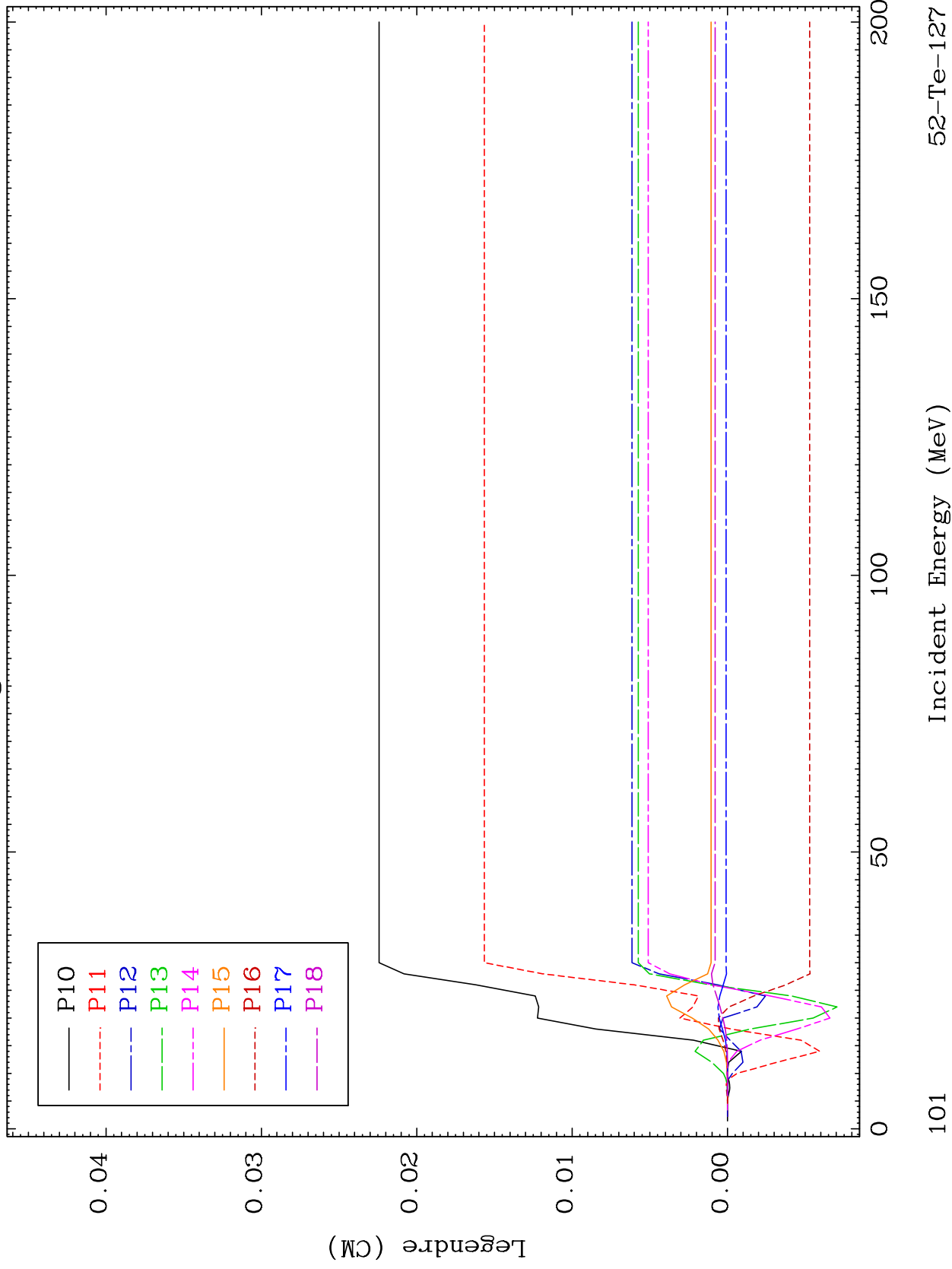




MAT 5246

1.353 MeV (n,n') Level
Legendre Coefficients

52-Te-127



52-Te-127

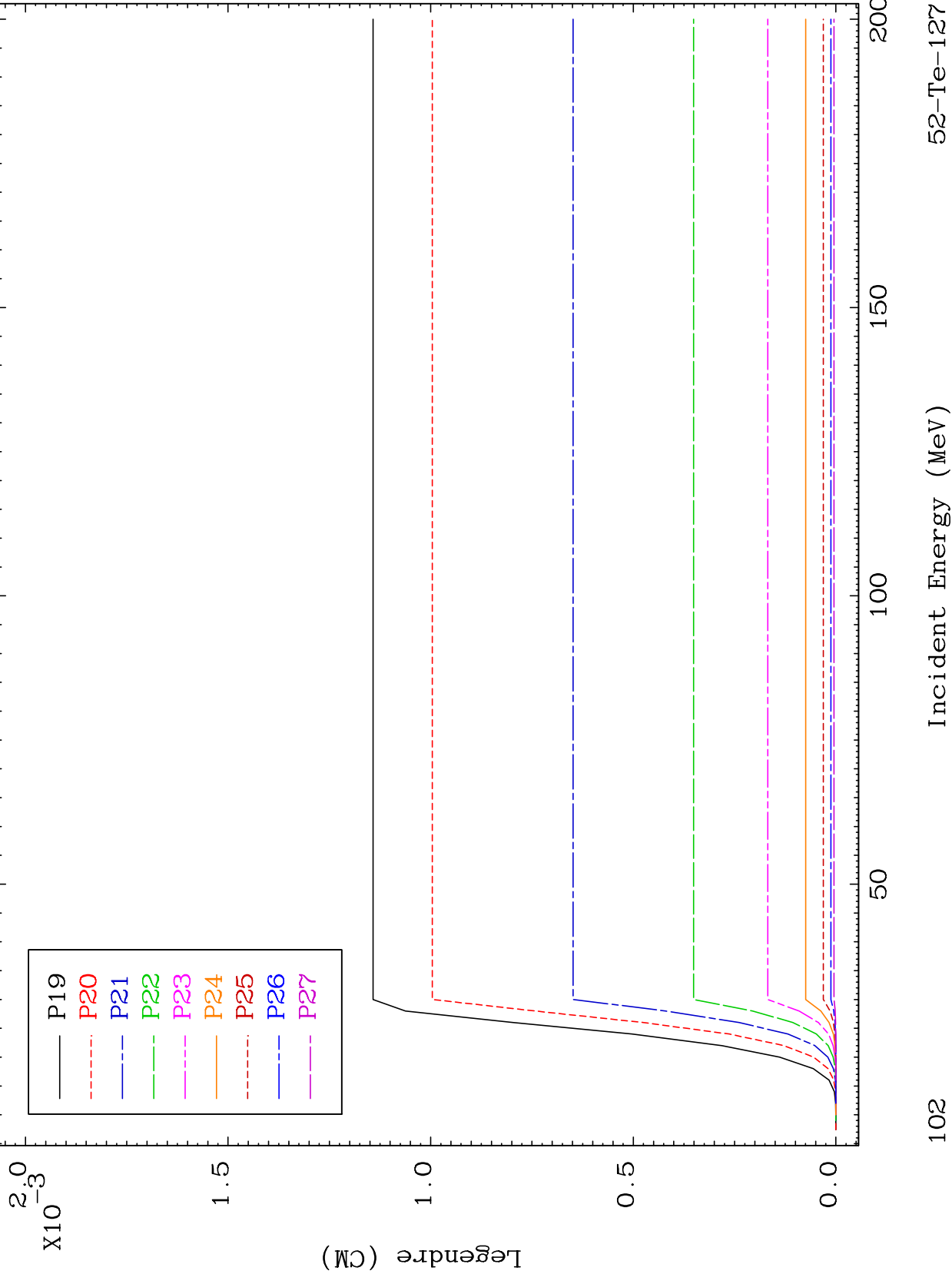
Incident Energy (MeV)

101

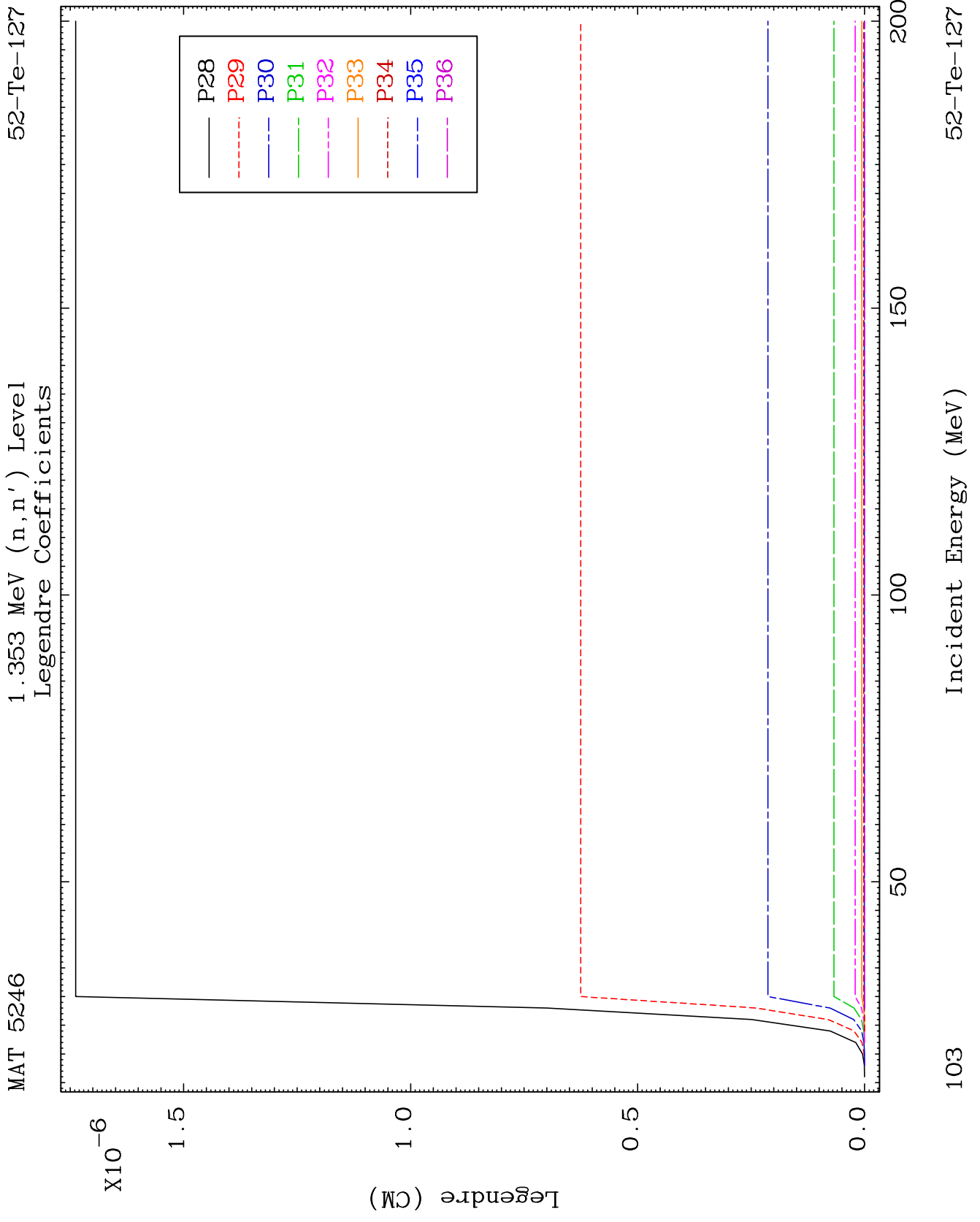
MAT 5246

1.353 MeV (n,n') Level
Legendre Coefficients

52-Te-127



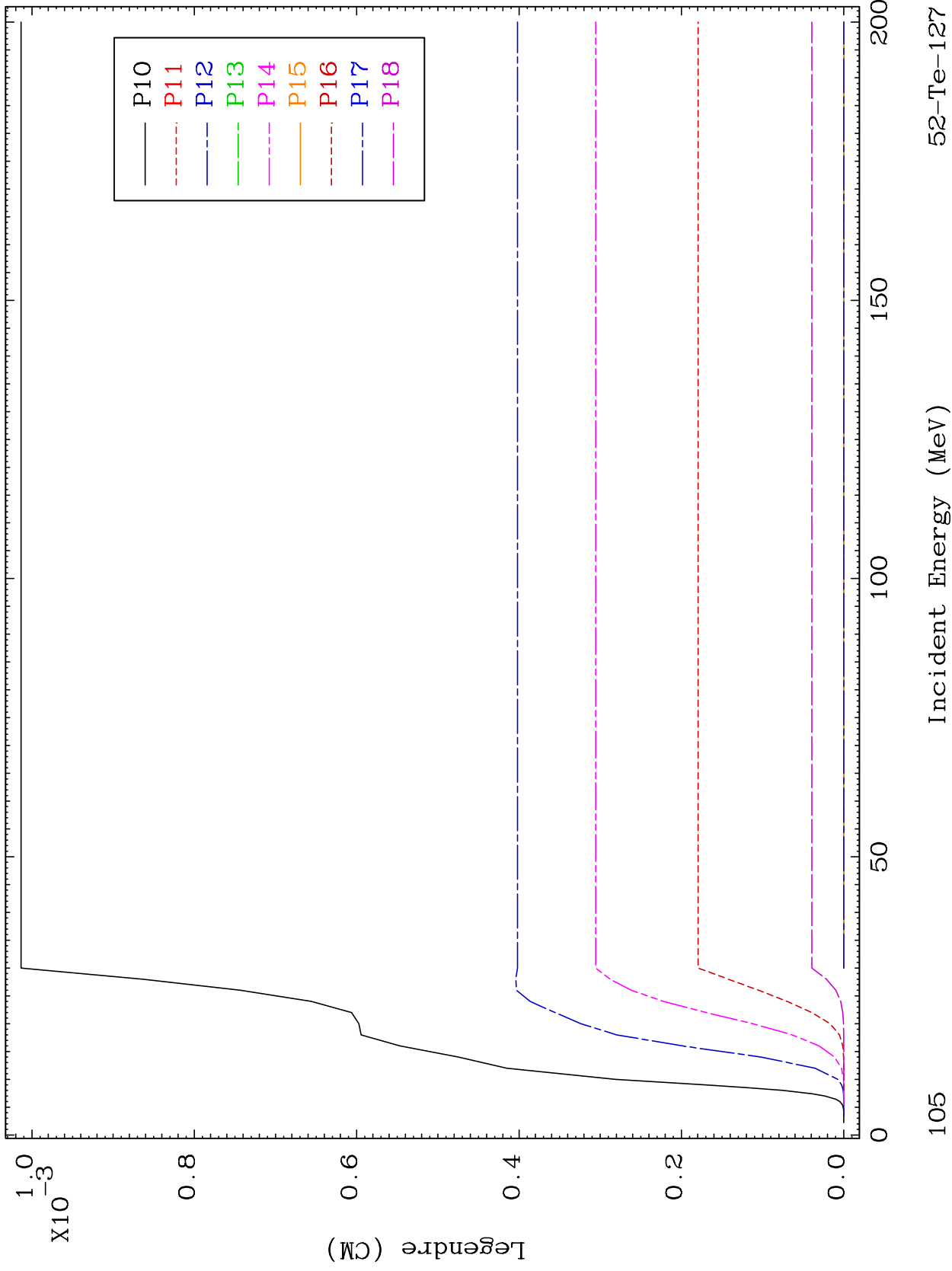
102



MAT 5246

1.366 MeV (n,n') Level
Legendre Coefficients

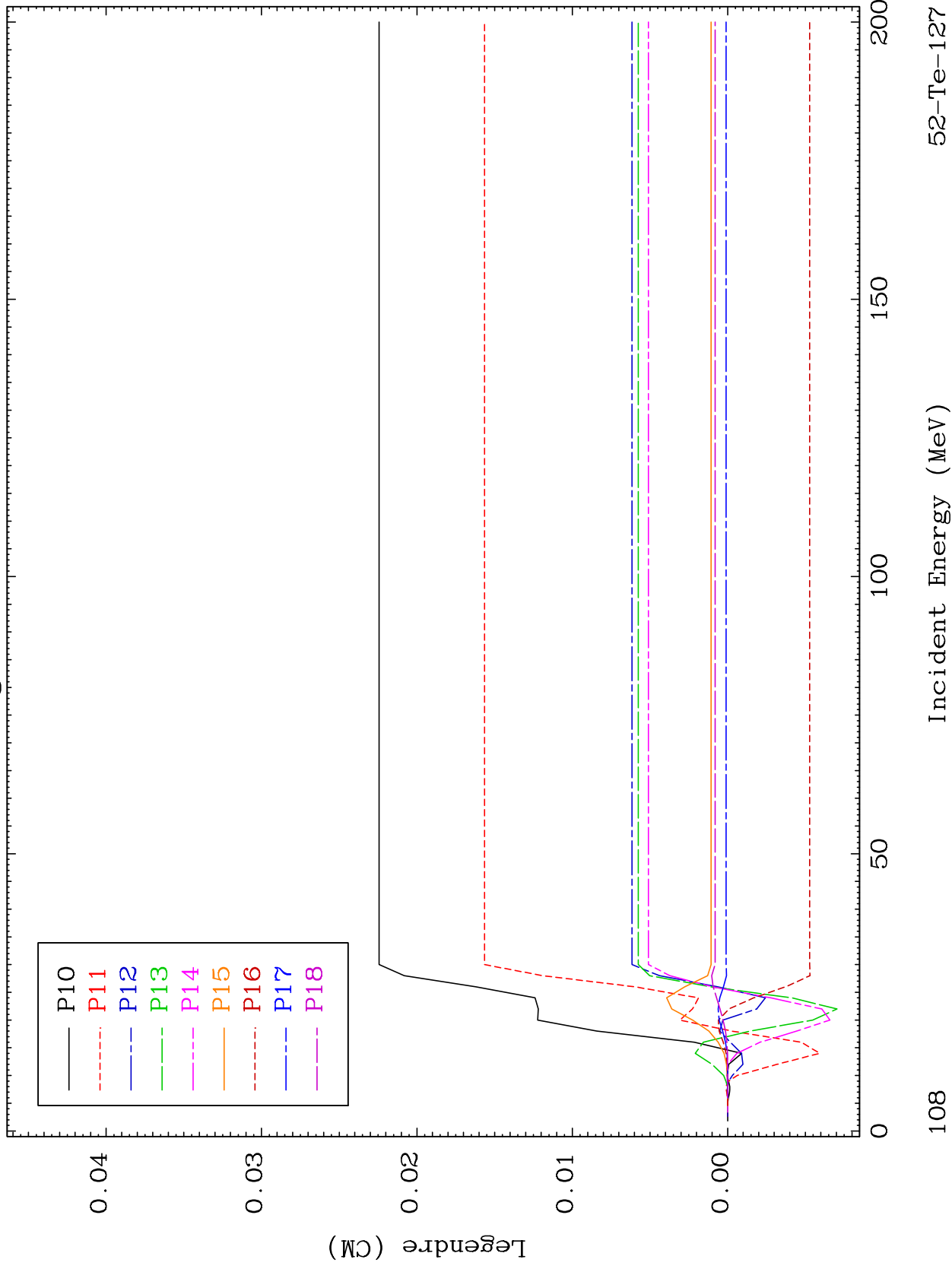
52-Te-127



MAT 5246

1.379 MeV (n,n') Level
Legendre Coefficients

52-Te-127



108

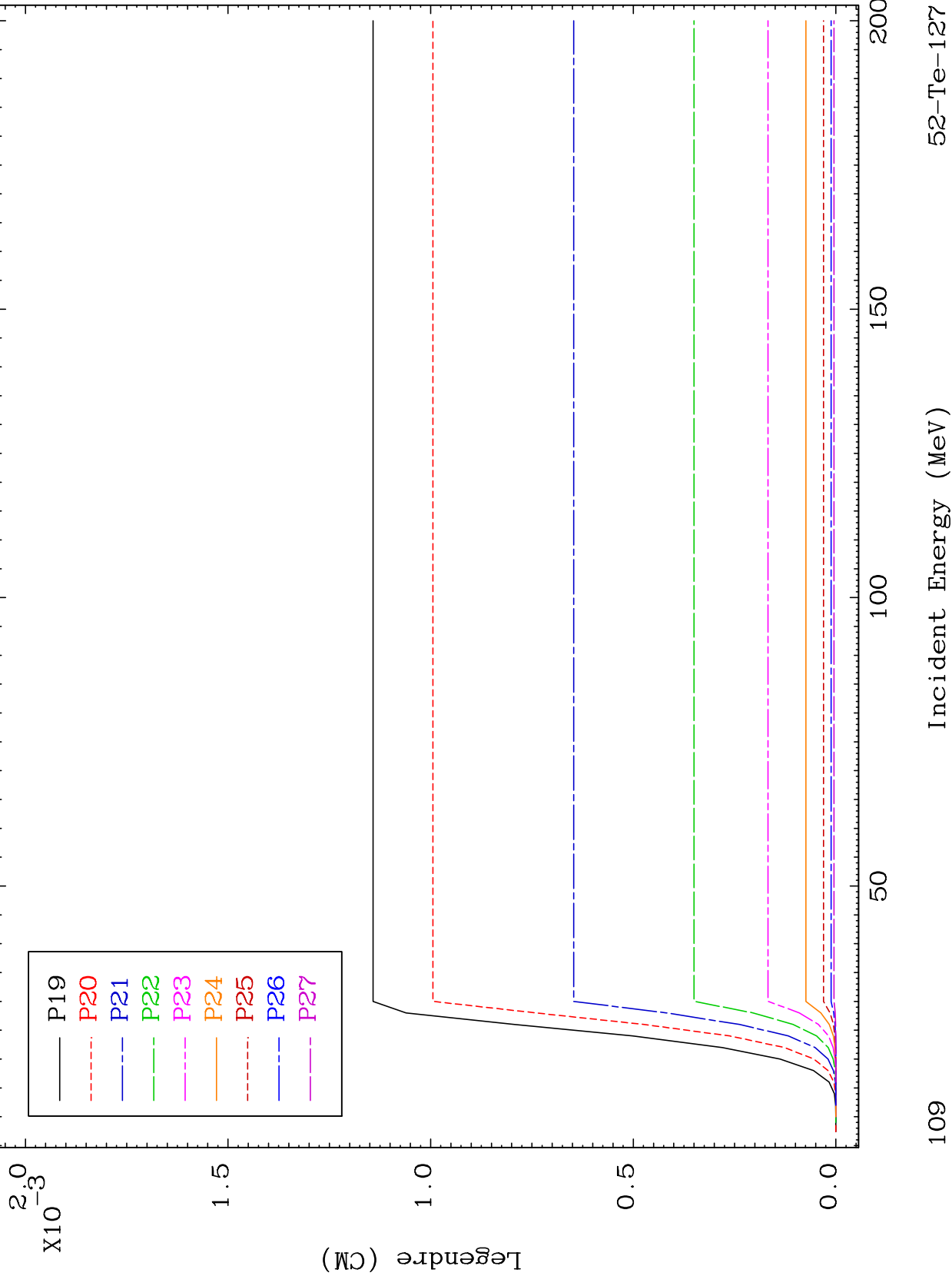
Incident Energy (MeV)

52-Te-127

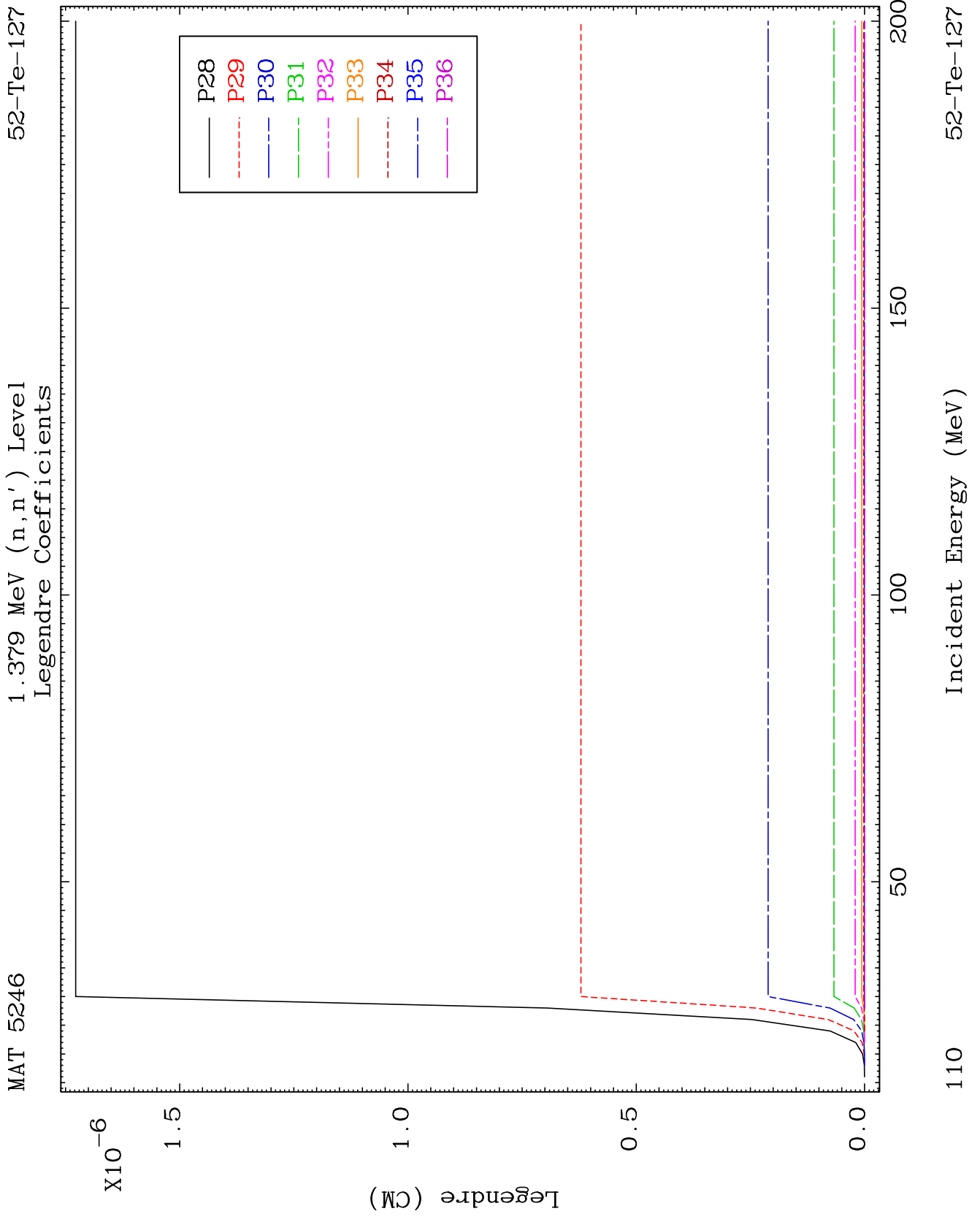
MAT 5246

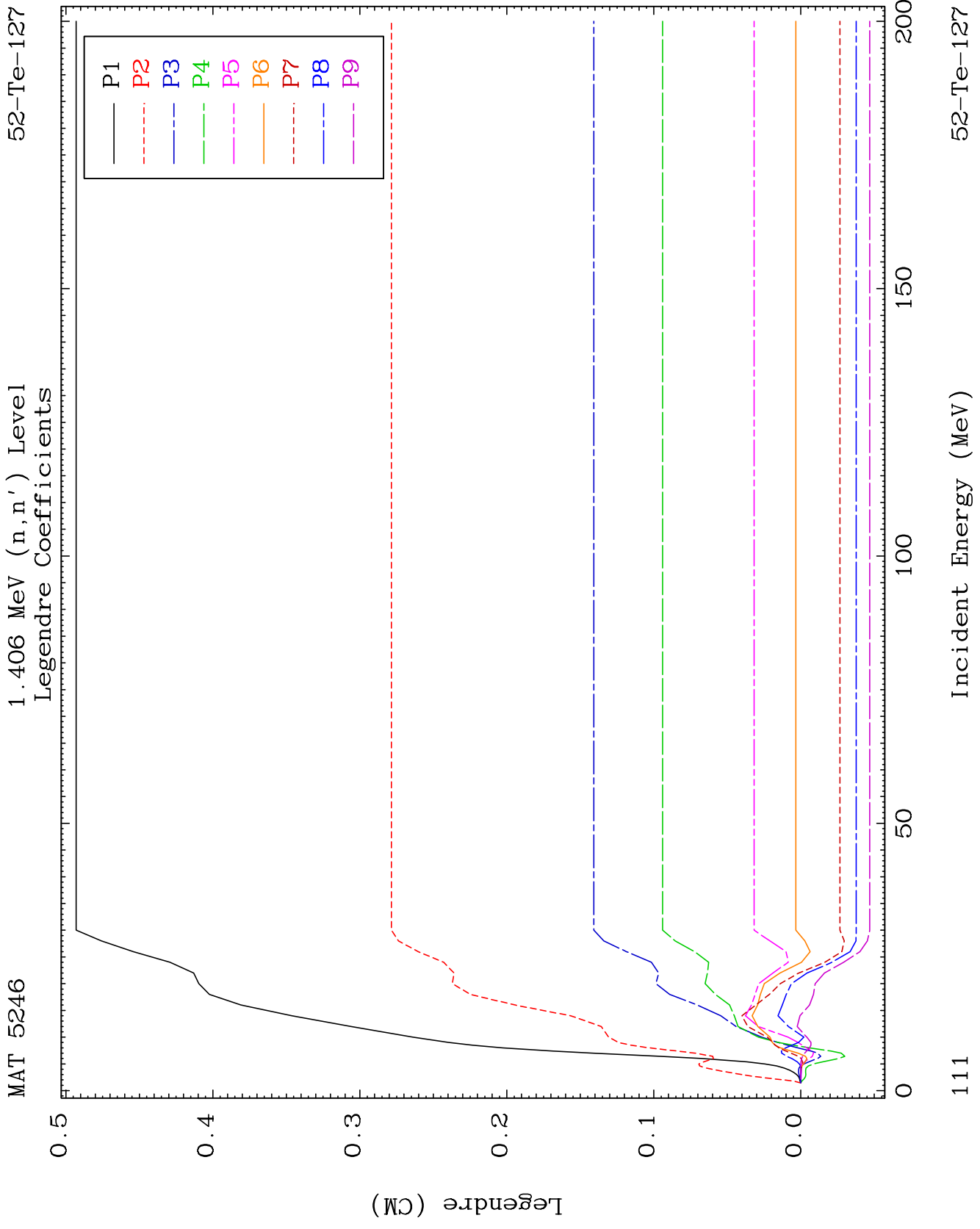
1.379 MeV (n, n') Level
Legendre Coefficients

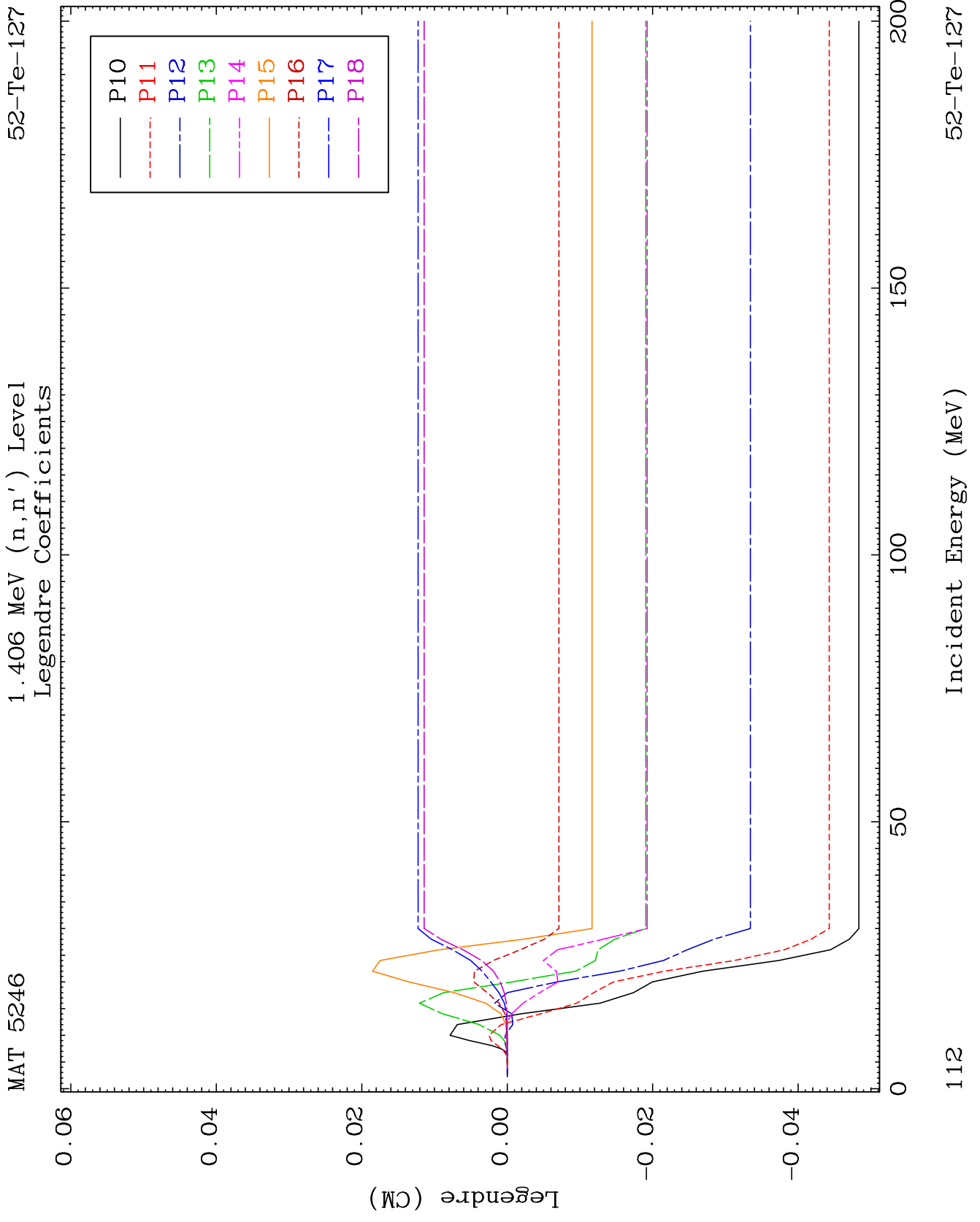
52-Te-127

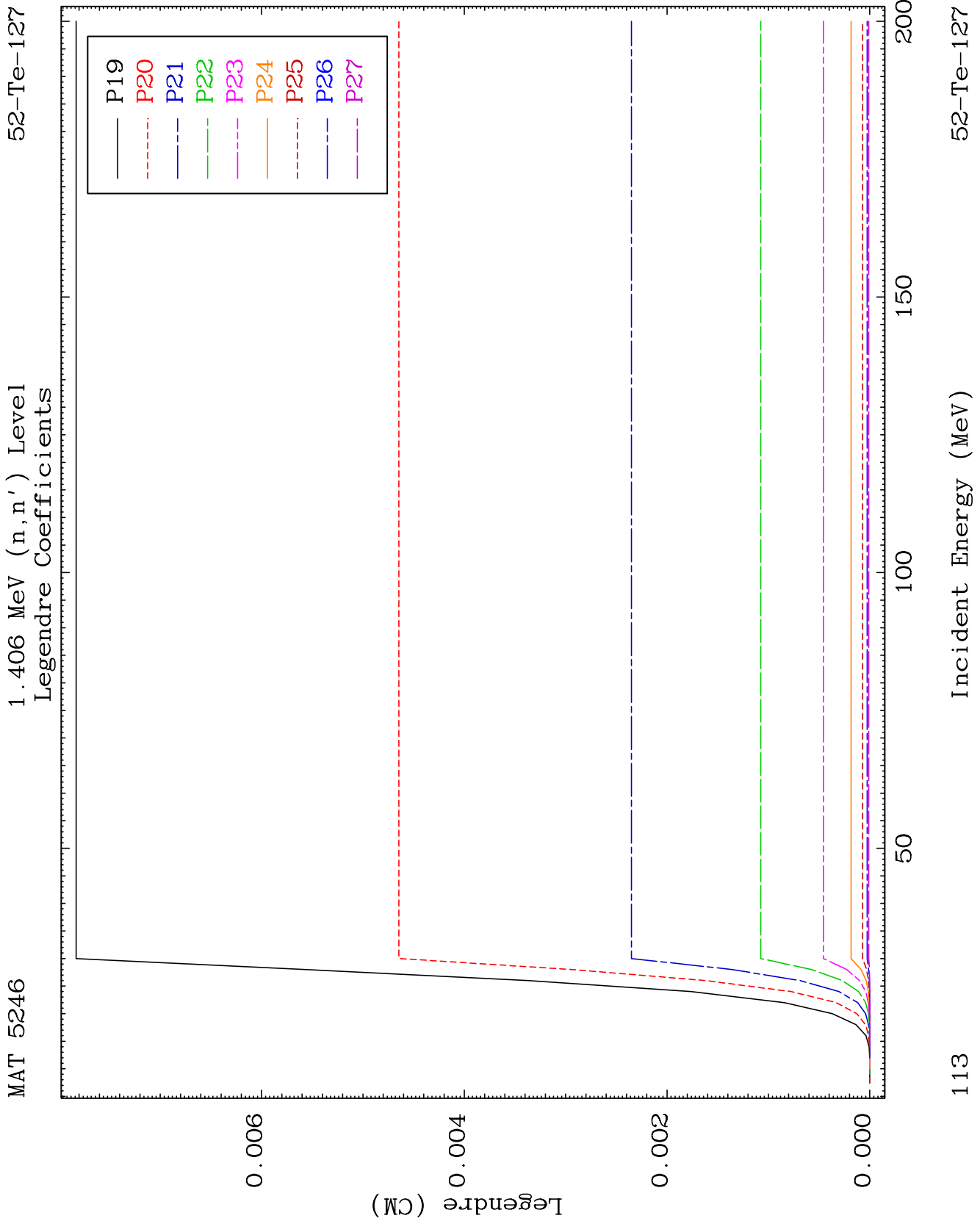


109





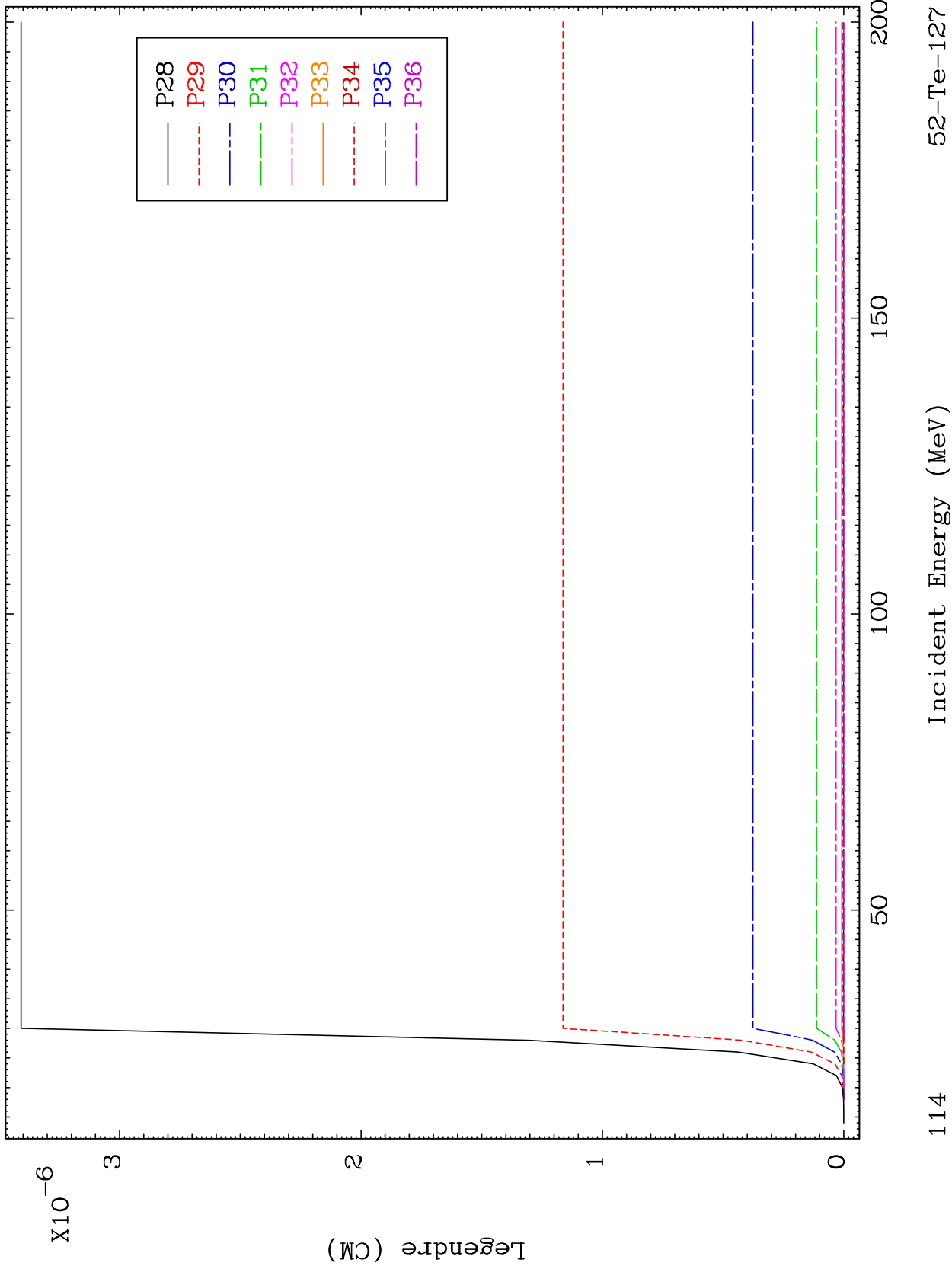




MAT 5246

1.406 MeV (n,n') Level
Legendre Coefficients

52-Te-127



114

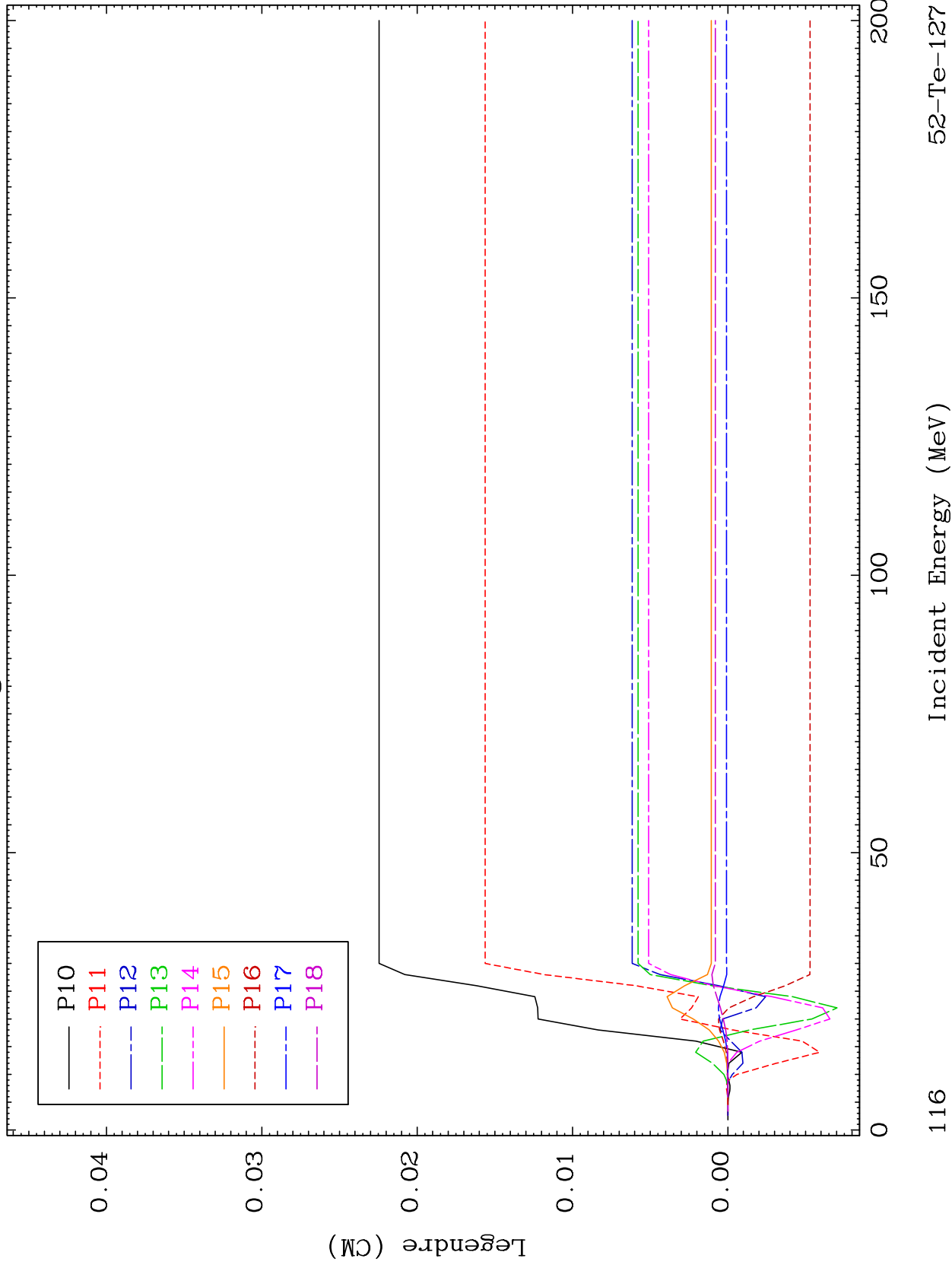
Incident Energy (MeV)

52-Te-127

MAT 5246

1.429 MeV (n,n') Level
Legendre Coefficients

52-Te-127



116

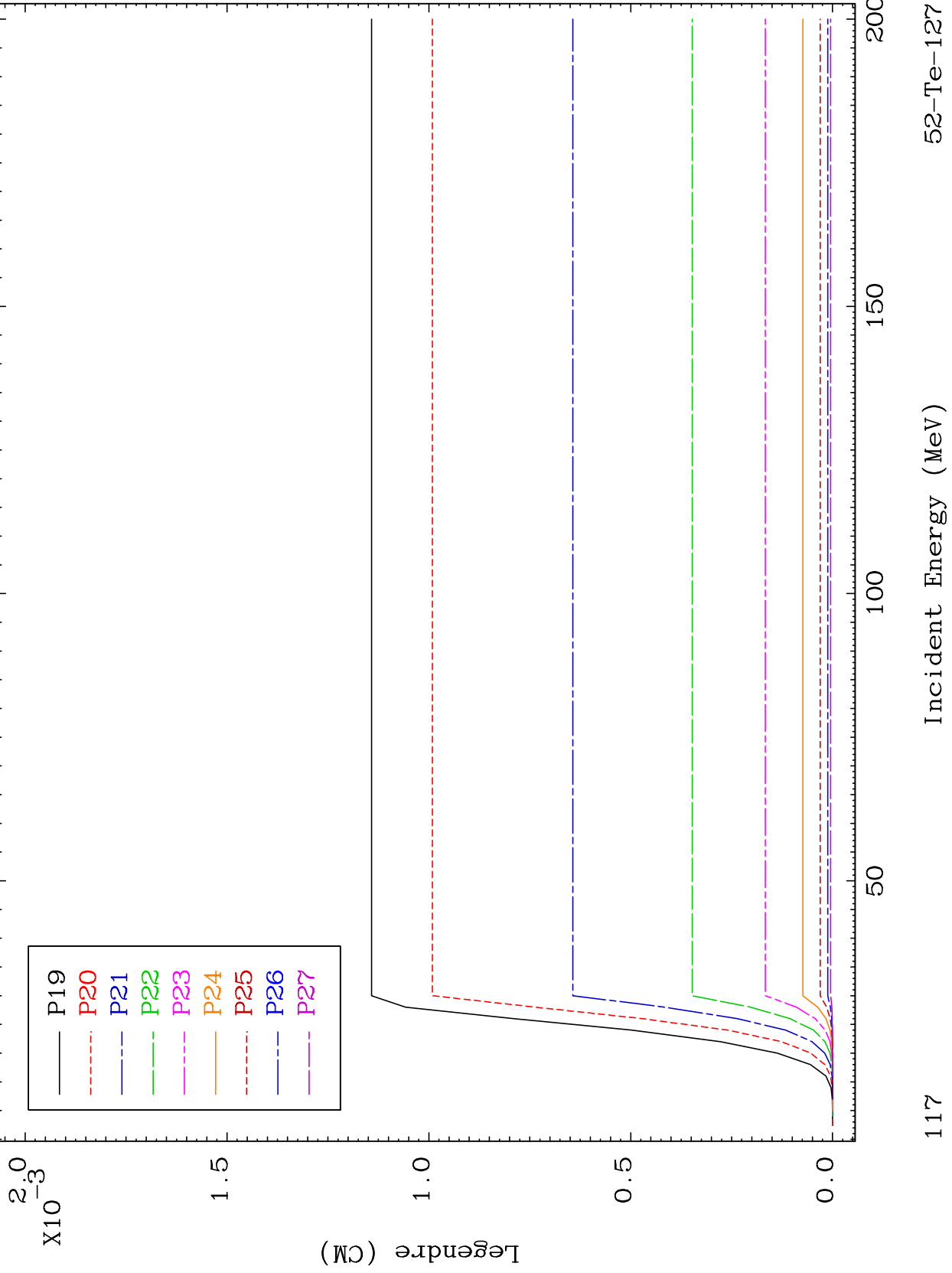
Incident Energy (MeV)

52-Te-127

MAT 5246

1.429 MeV (n,n') Level
Legendre Coefficients

52-Te-127

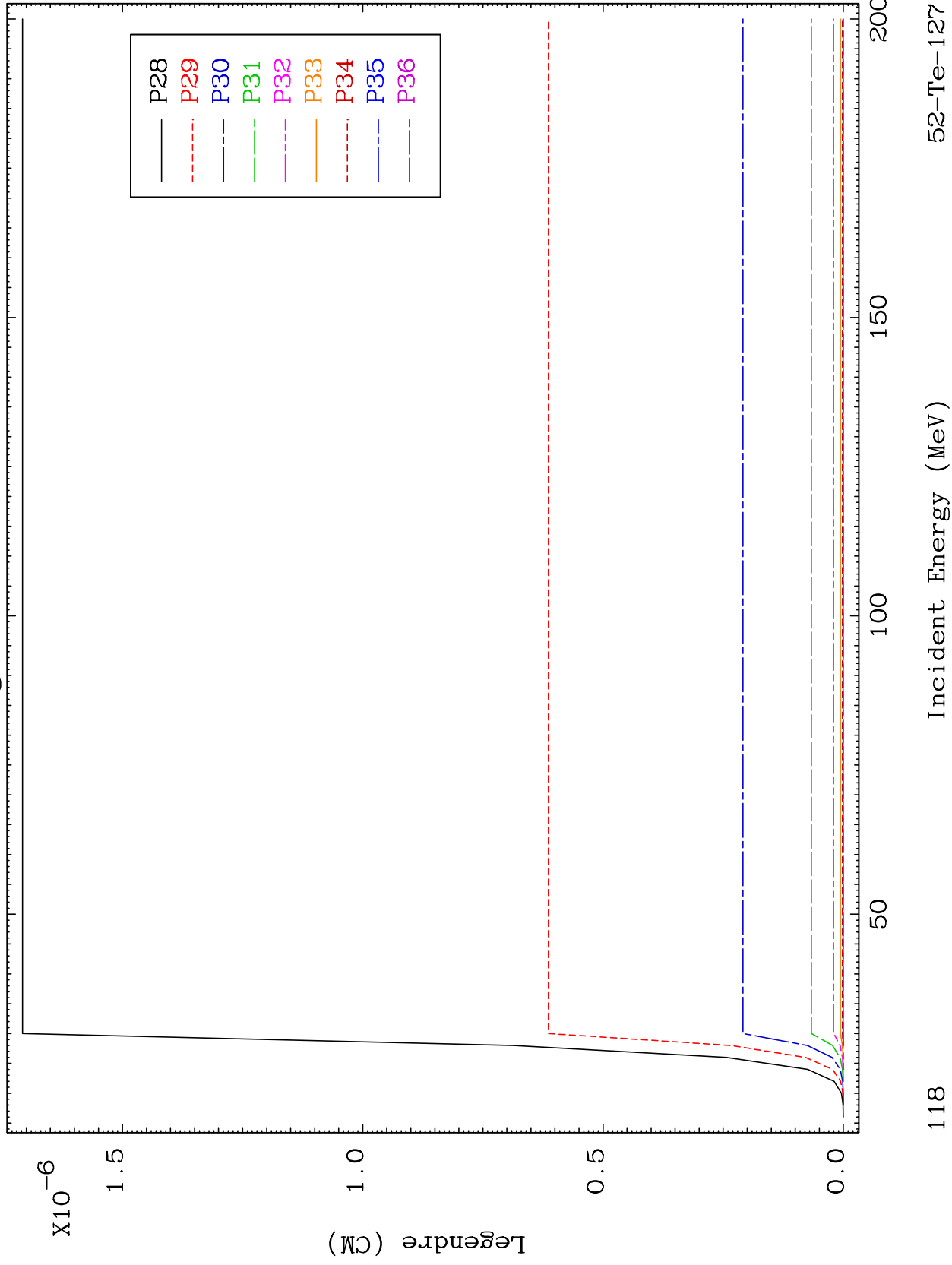


117

MAT 5246

1.429 MeV (n,n') Level
Legendre Coefficients

52-Te-127



118

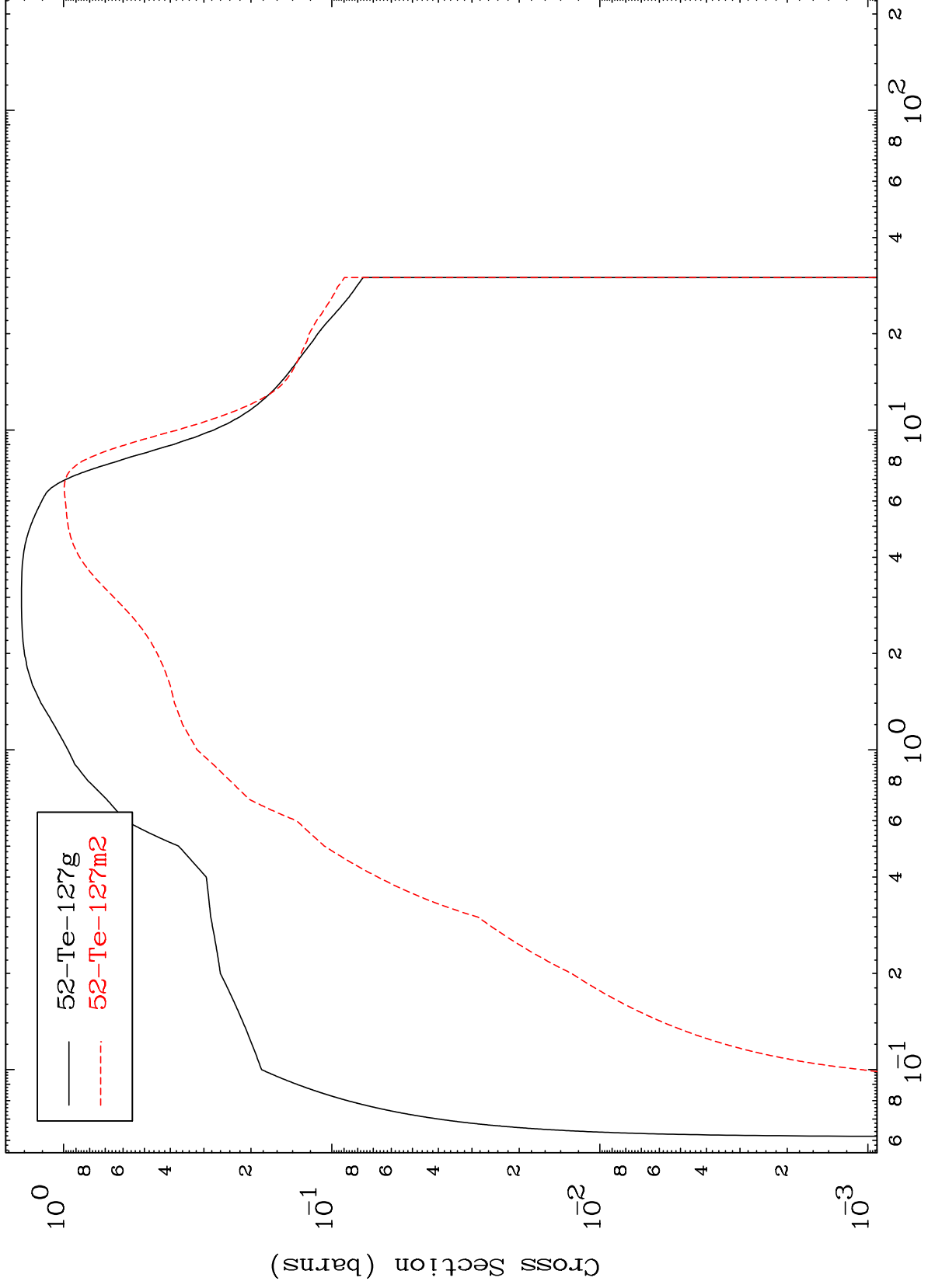
Incident Energy (MeV)

52-Te-127

MAT 5246

52-Te-127

Radionuclide Production Cross Section

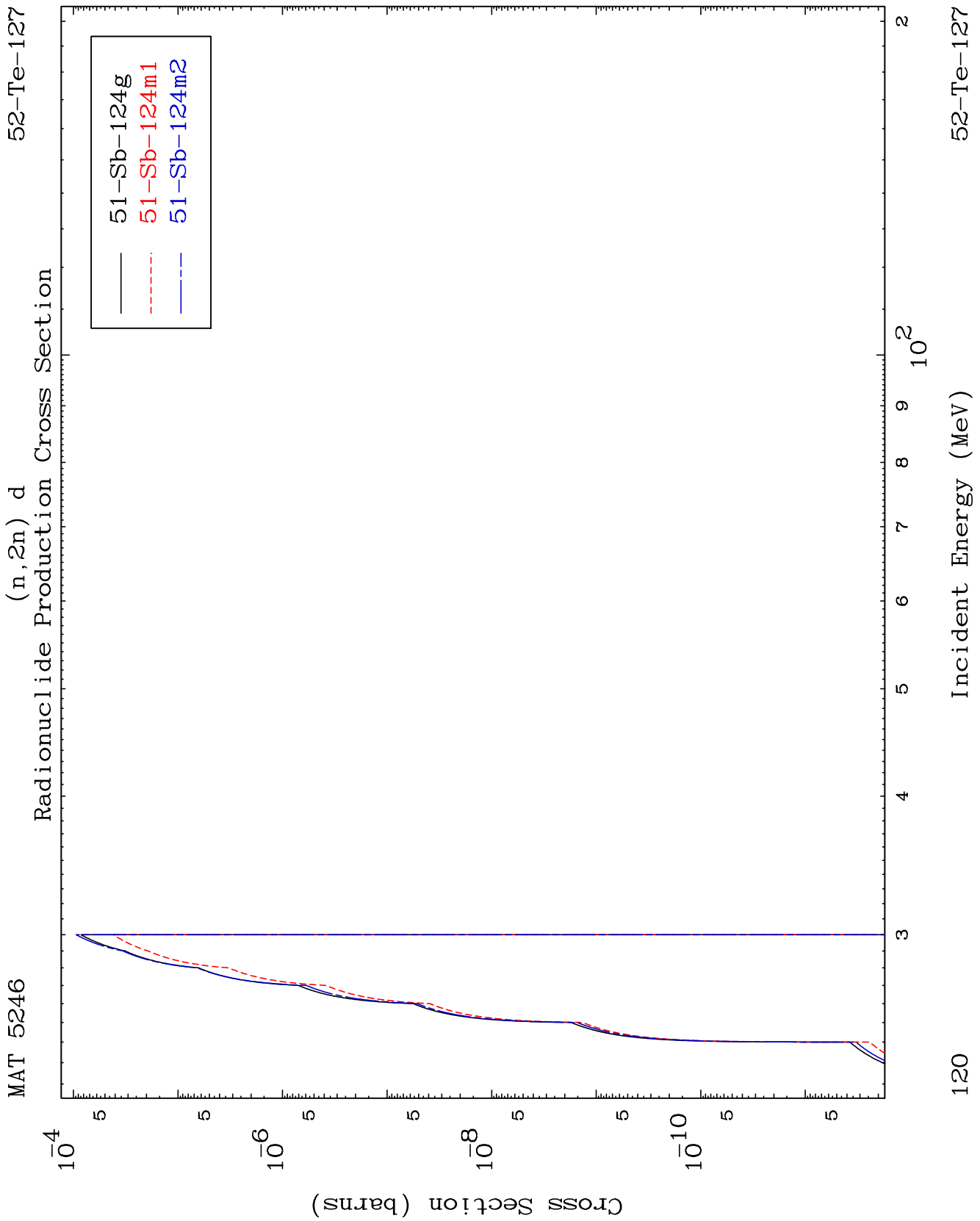


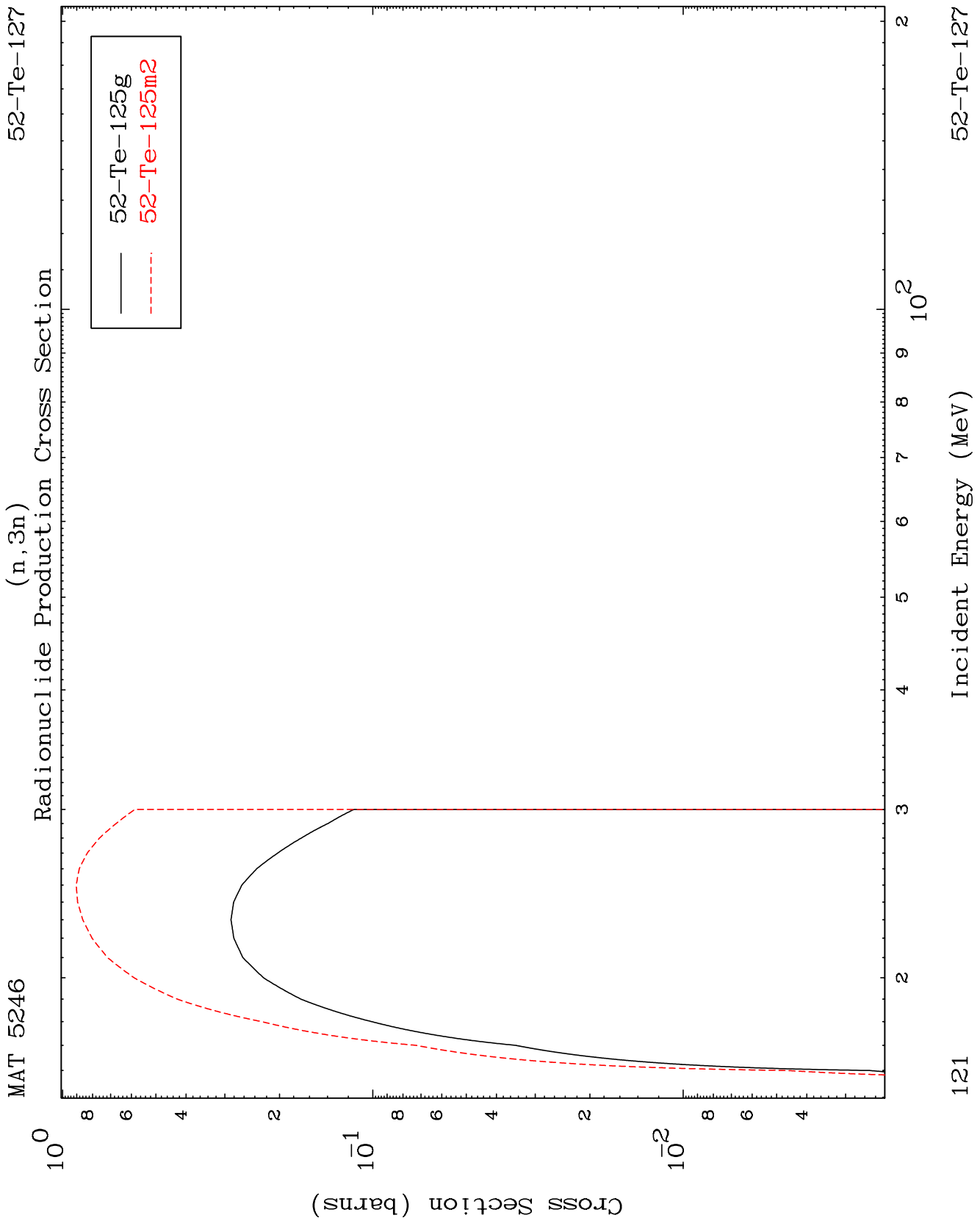
52-Te-127g
52-Te-127m2

52-Te-127

Incident Energy (MeV)

119



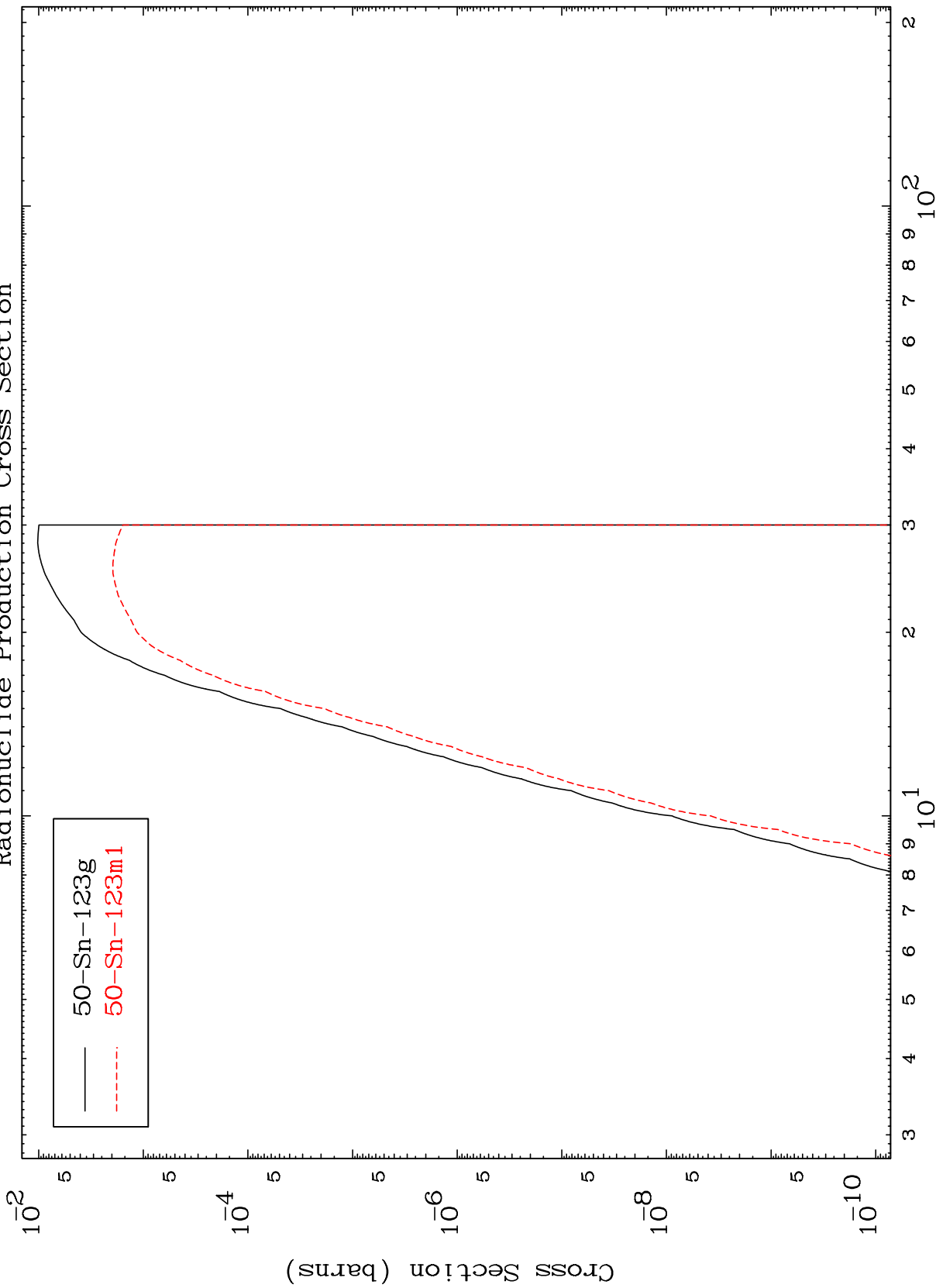


MAT 5246

$(n, n') \alpha$

52-Te-127

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-127

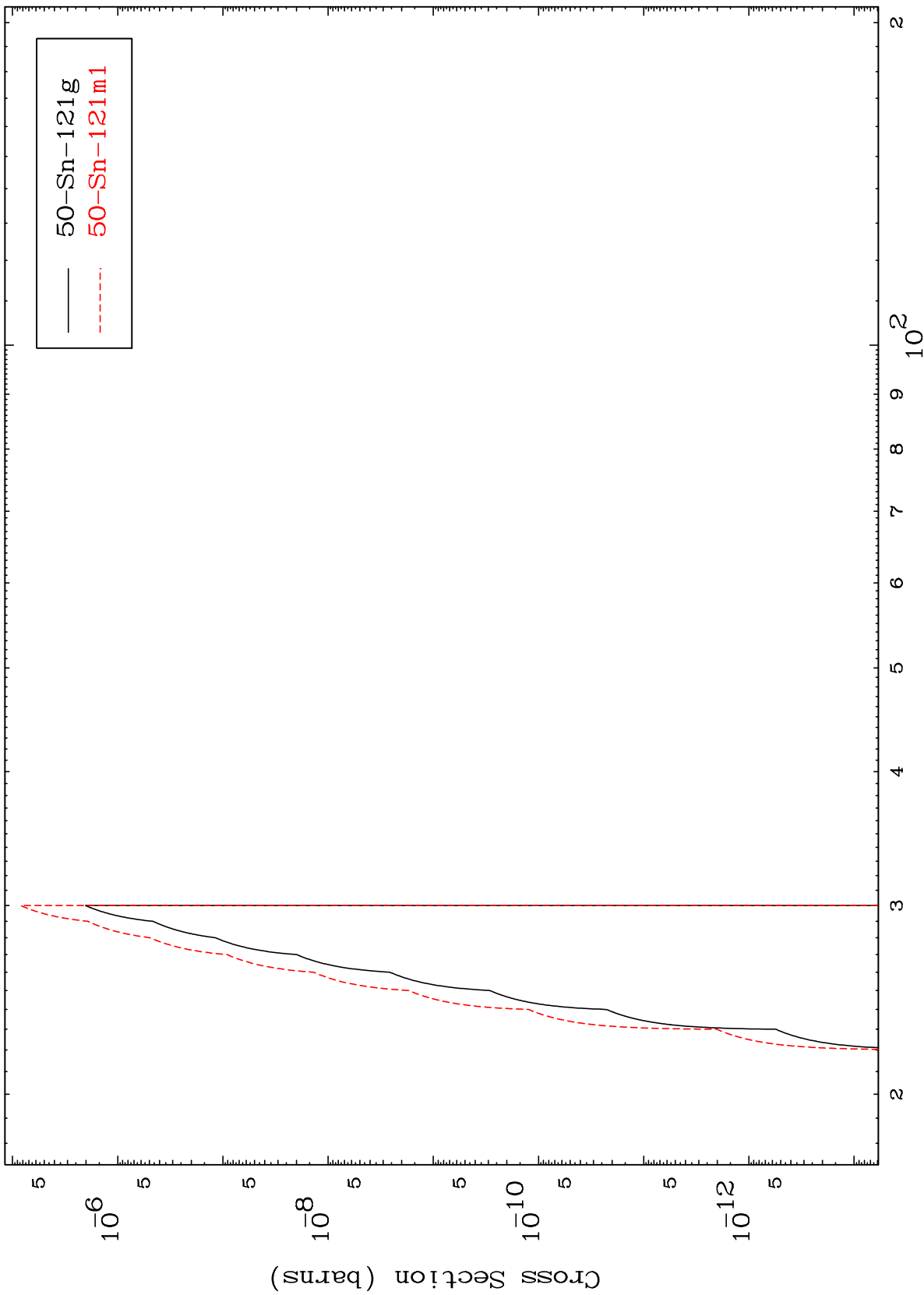
122

MAT 5246

$(n,3n) \alpha$

52-Te-127

Radionuclide Production Cross Section



123

Incident Energy (MeV)

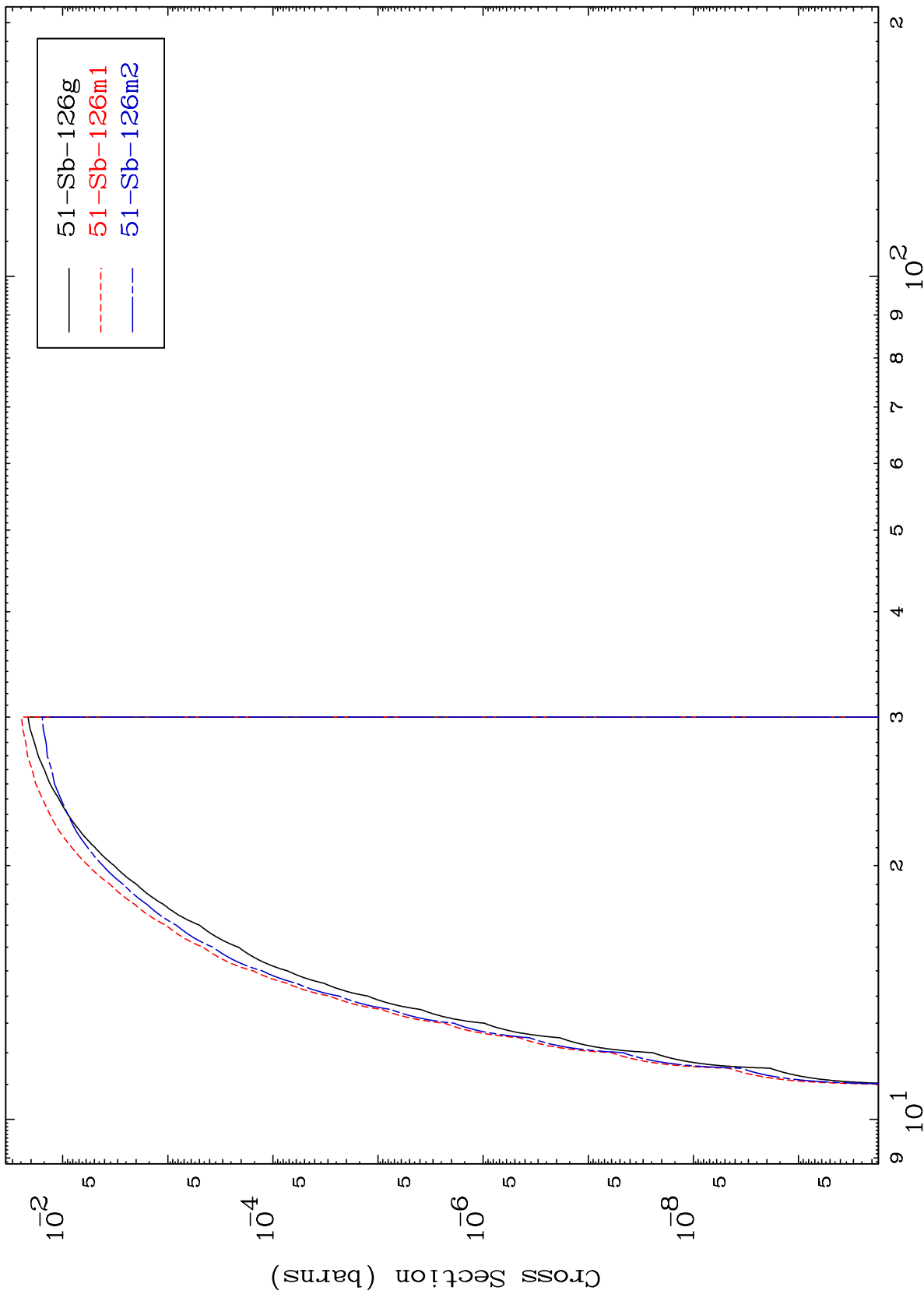
52-Te-127

MAT 5246

(n,n') p

52-Te-127

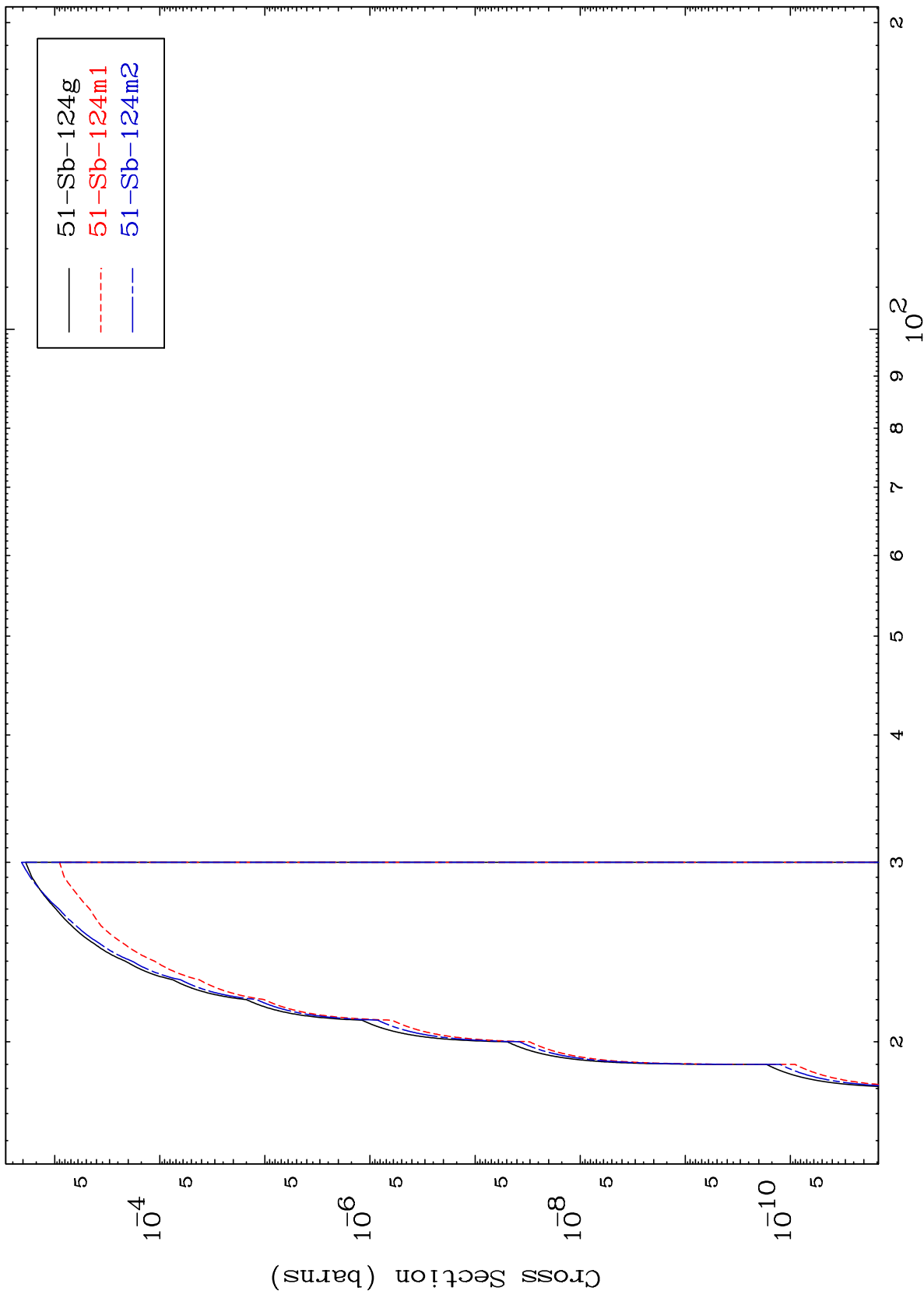
Radionuclide Production Cross Section



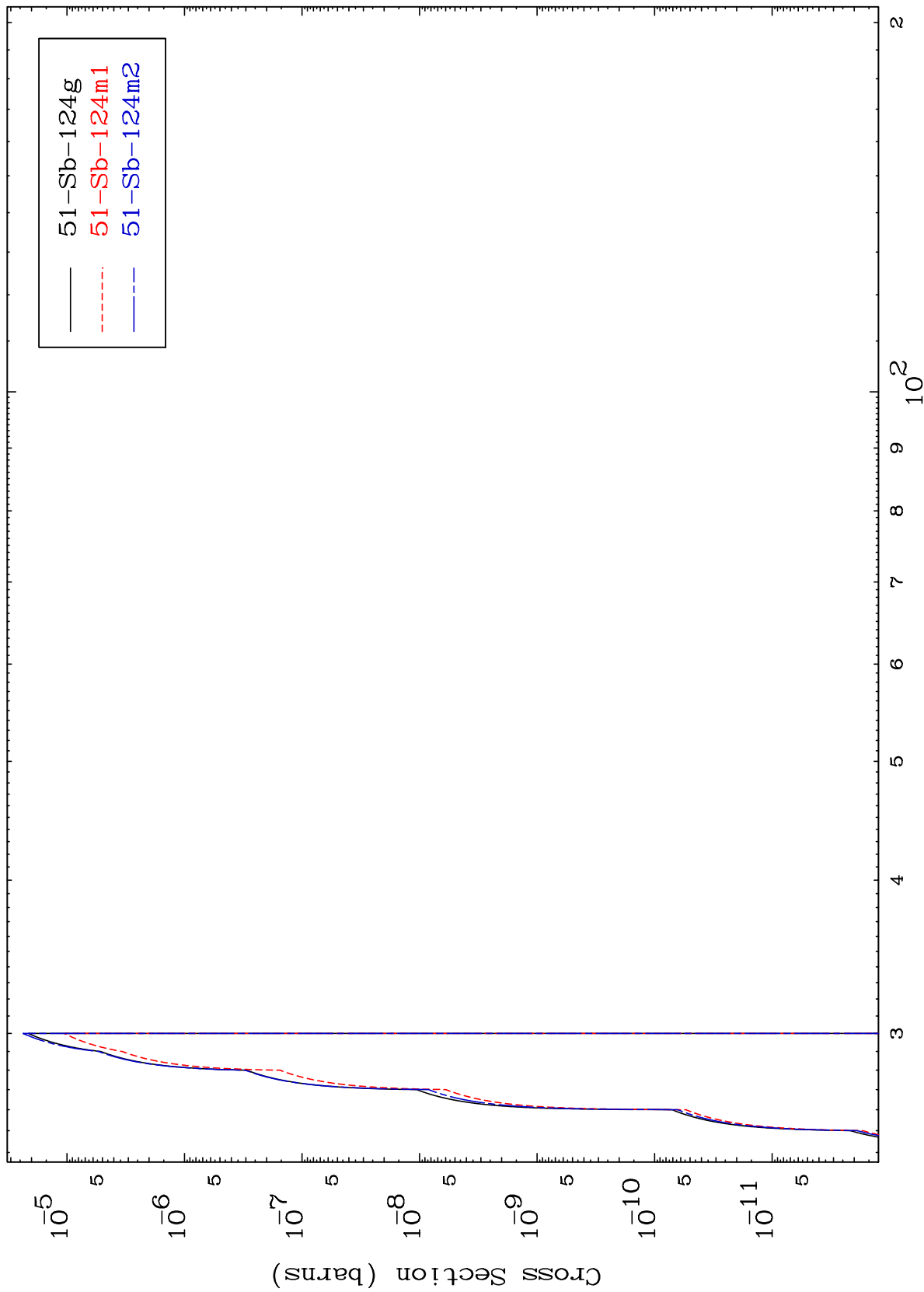
Incident Energy (MeV)

52-Te-127

Radionuclide Production Cross Section



Radionuclide Production Cross Section

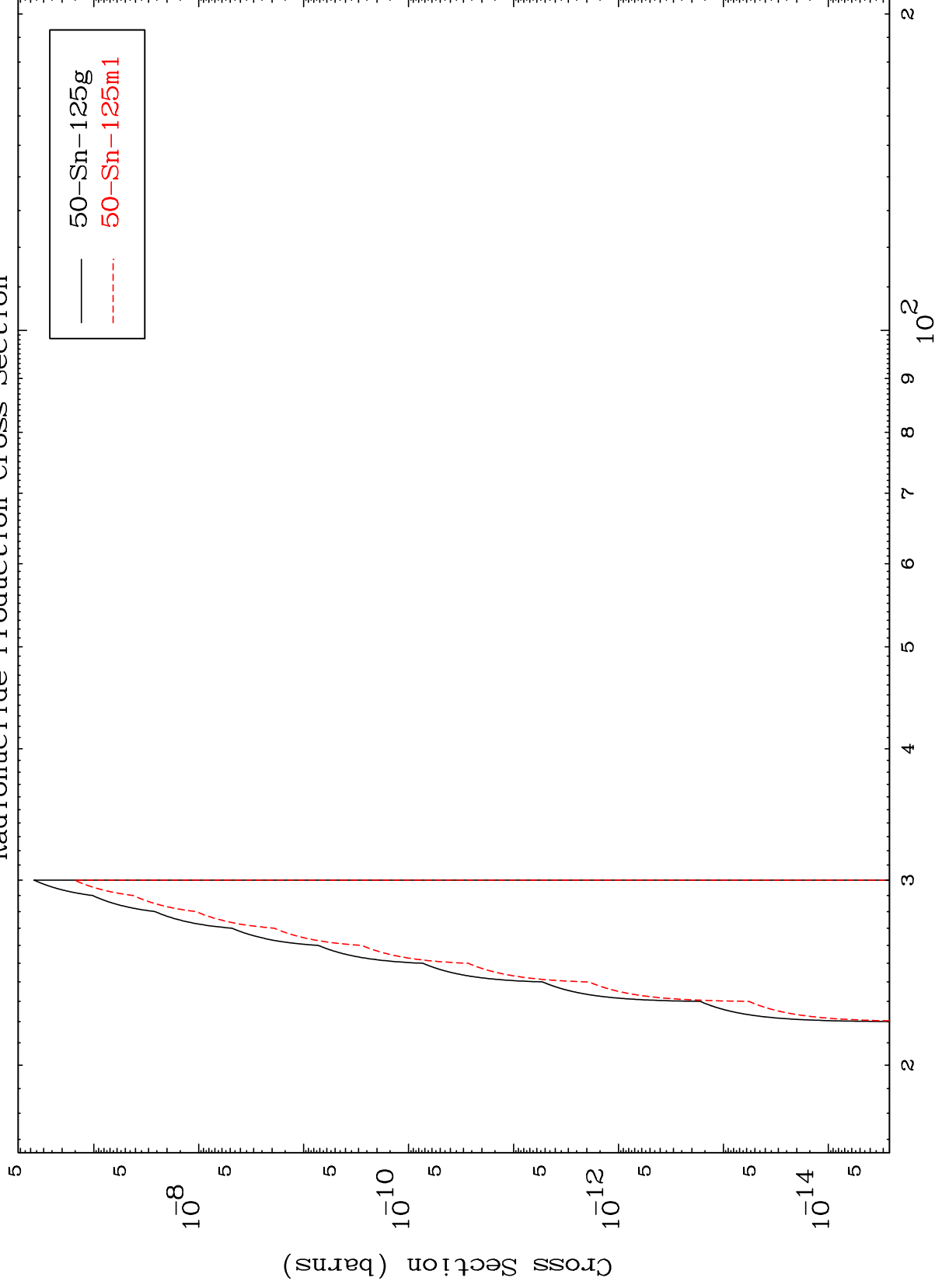


MAT 5246

(n,2n) p

52-Te-127

Radionuclide Production Cross Section



127

Incident Energy (MeV)

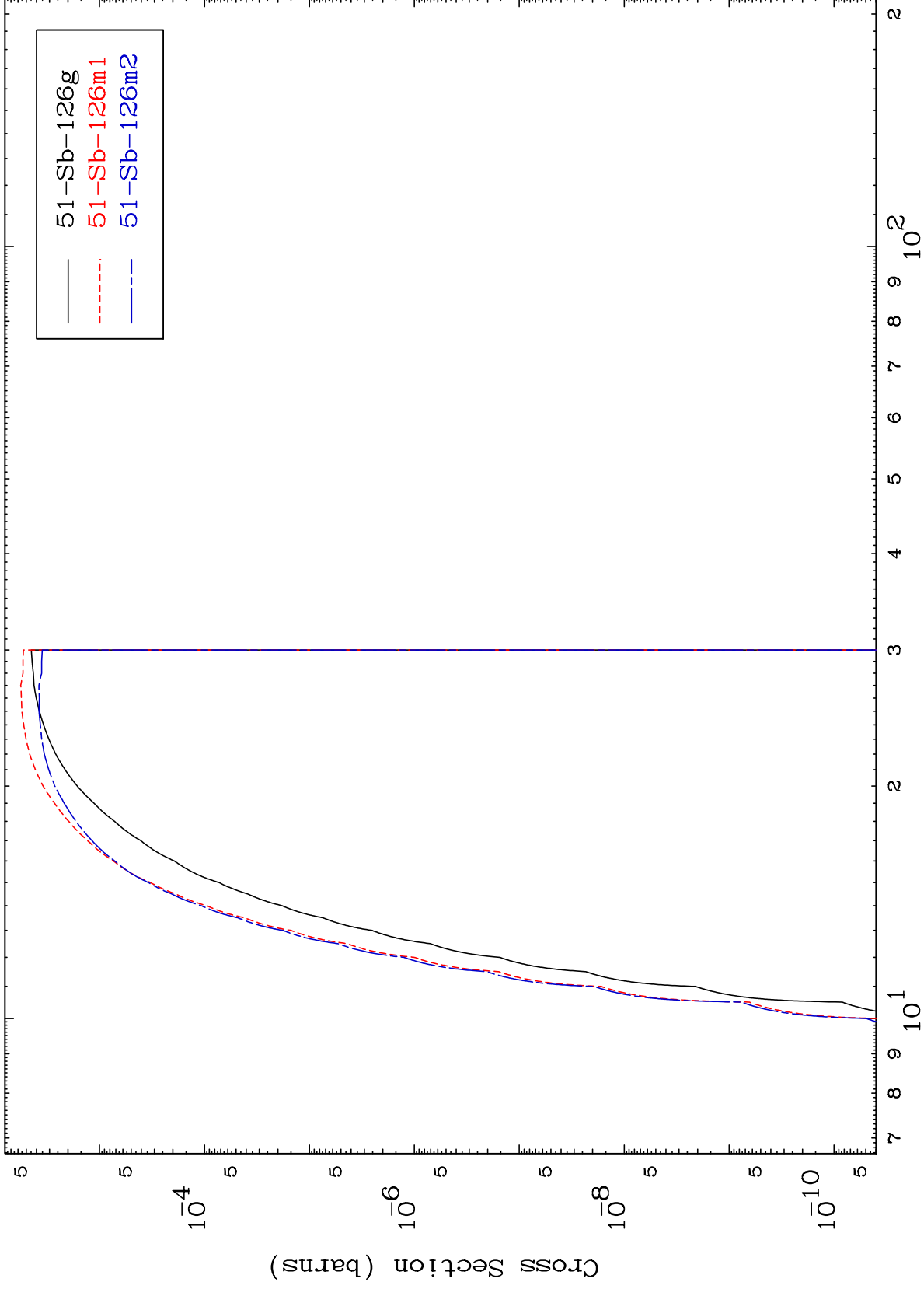
52-Te-127

MAT 5246

(n,d)

52-Te-127

Radionuclide Production Cross Section



128

Incident Energy (MeV)

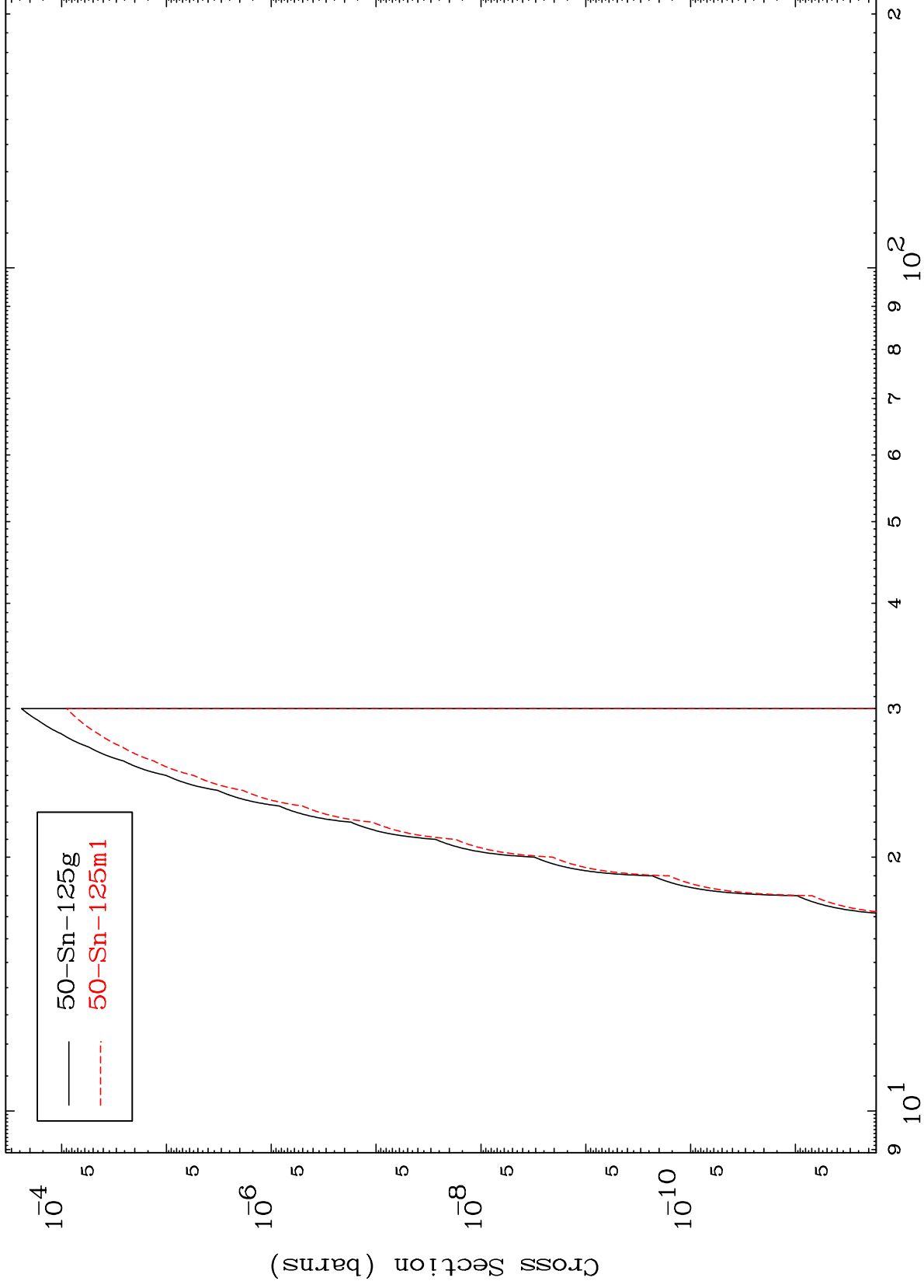
52-Te-127

MAT 5246

(n,He-3)

52-Te-127

Radionuclide Production Cross Section



129

Incident Energy (MeV)

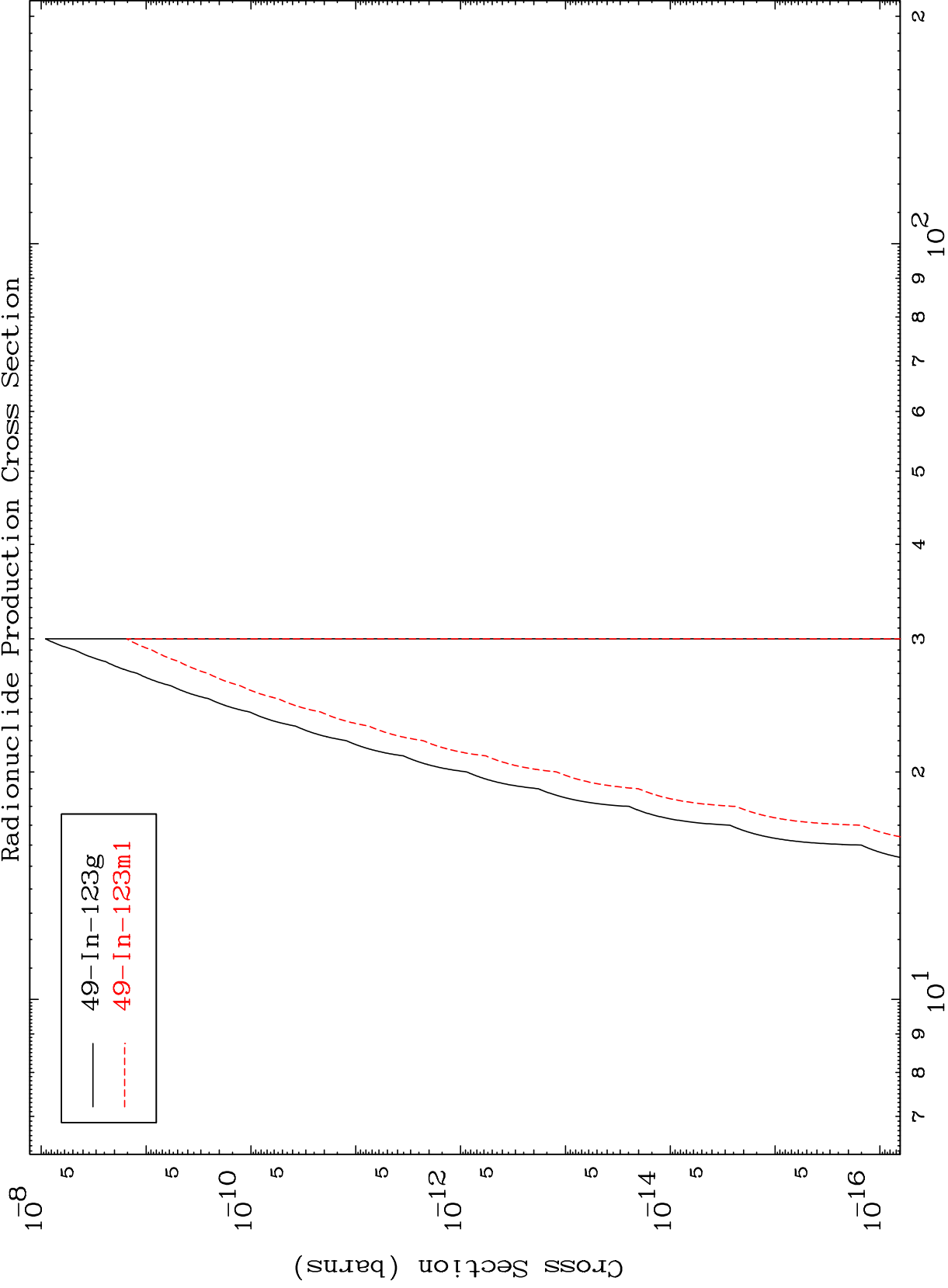
52-Te-127

MAT 5246

(n,p) α

52-Te-127

Radionuclide Production Cross Section



130

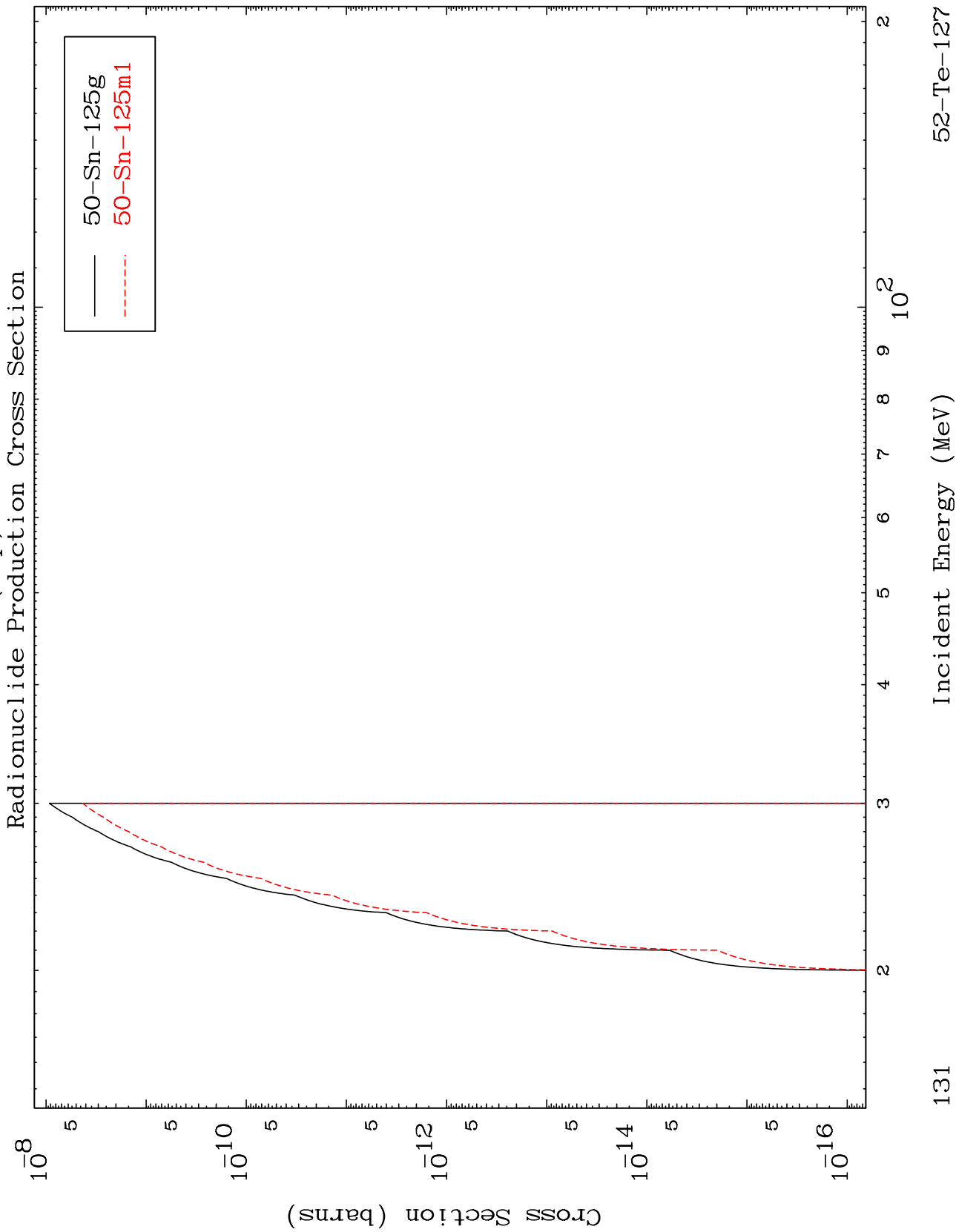
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,p) d

52-Te-127



131

52-Te-127