

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
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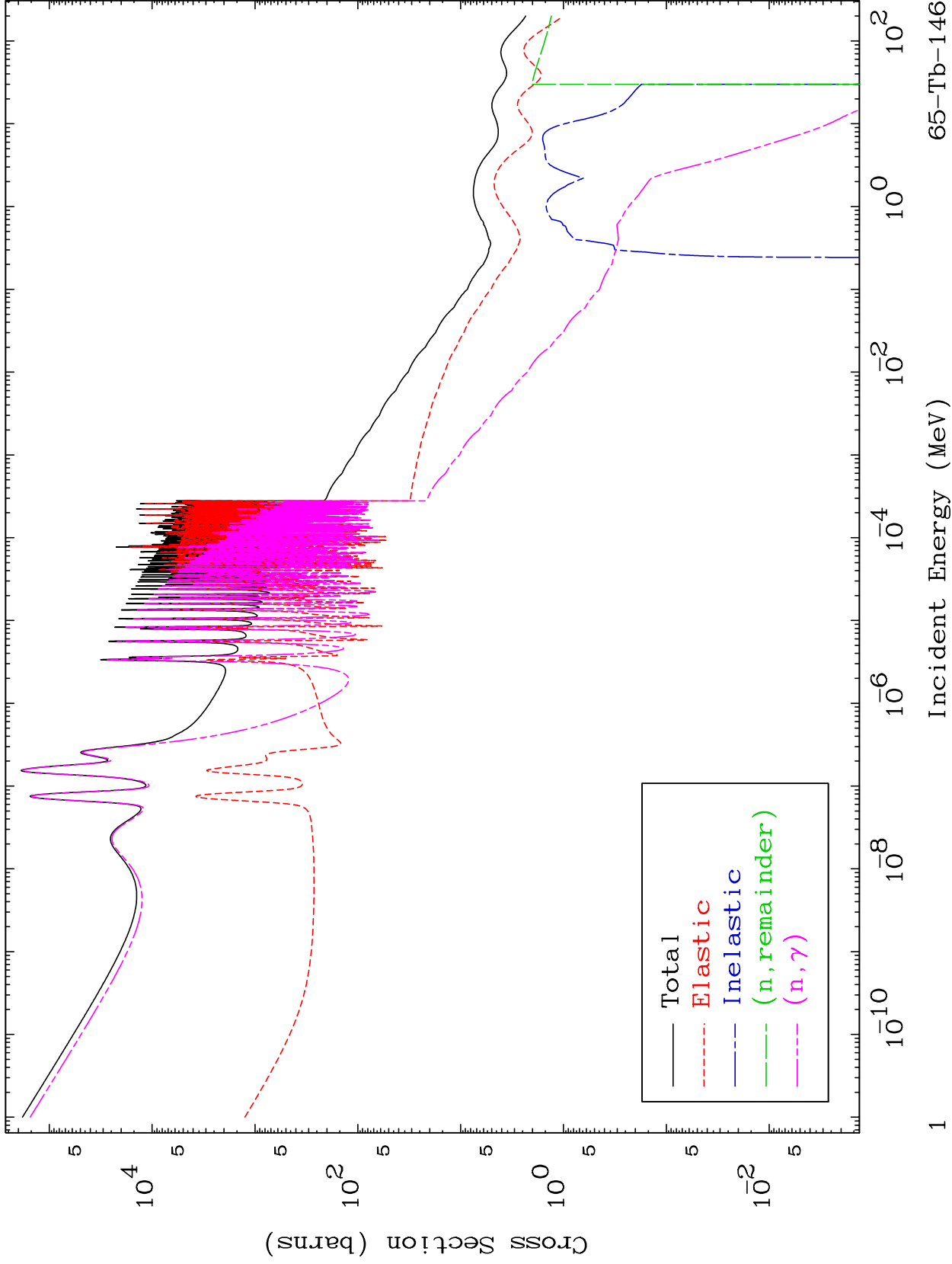
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6486

Major
293 Kelvin Cross Sections

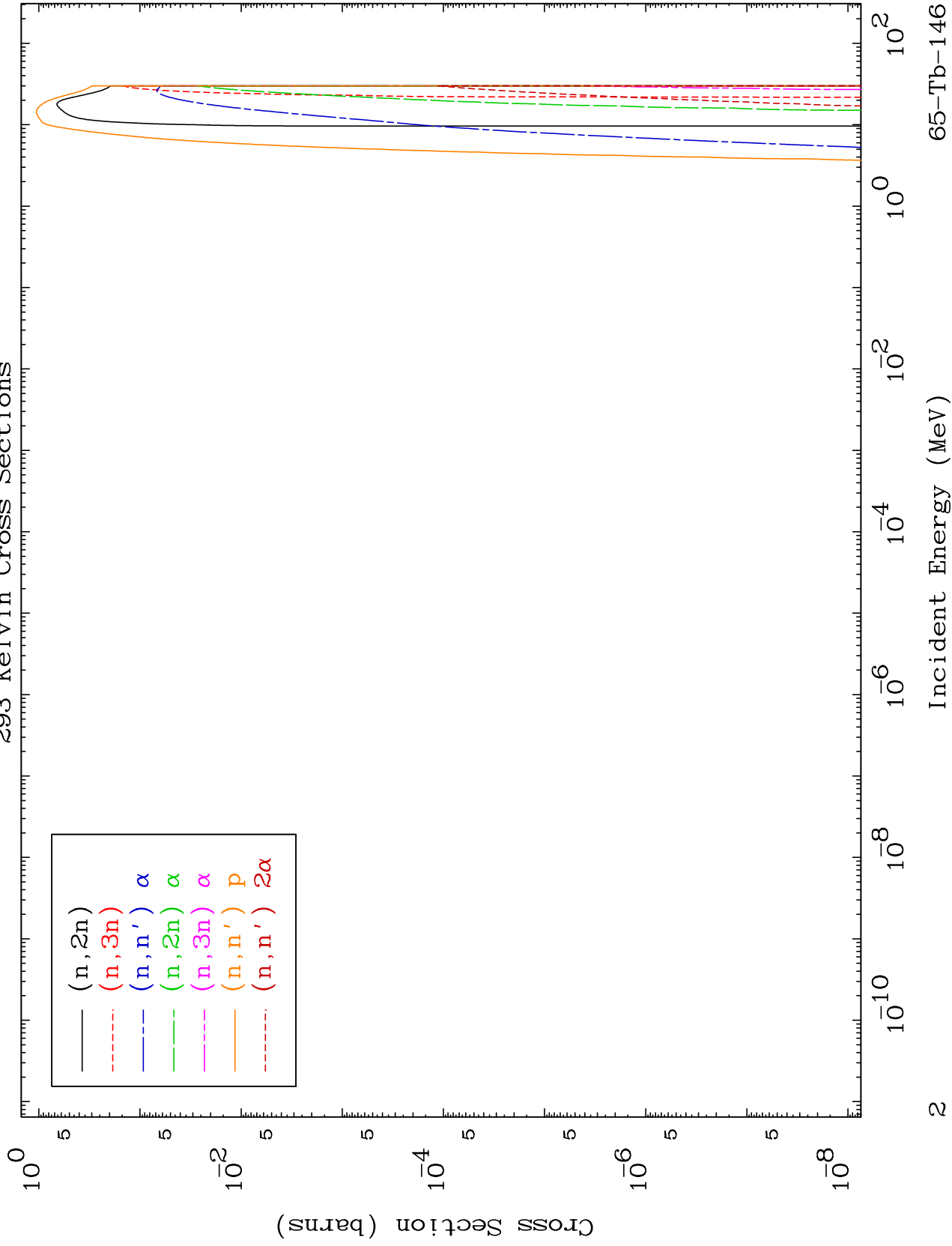
65-Tb-146



MAT 6486

Neutron Production
293 Kelvin Cross Sections

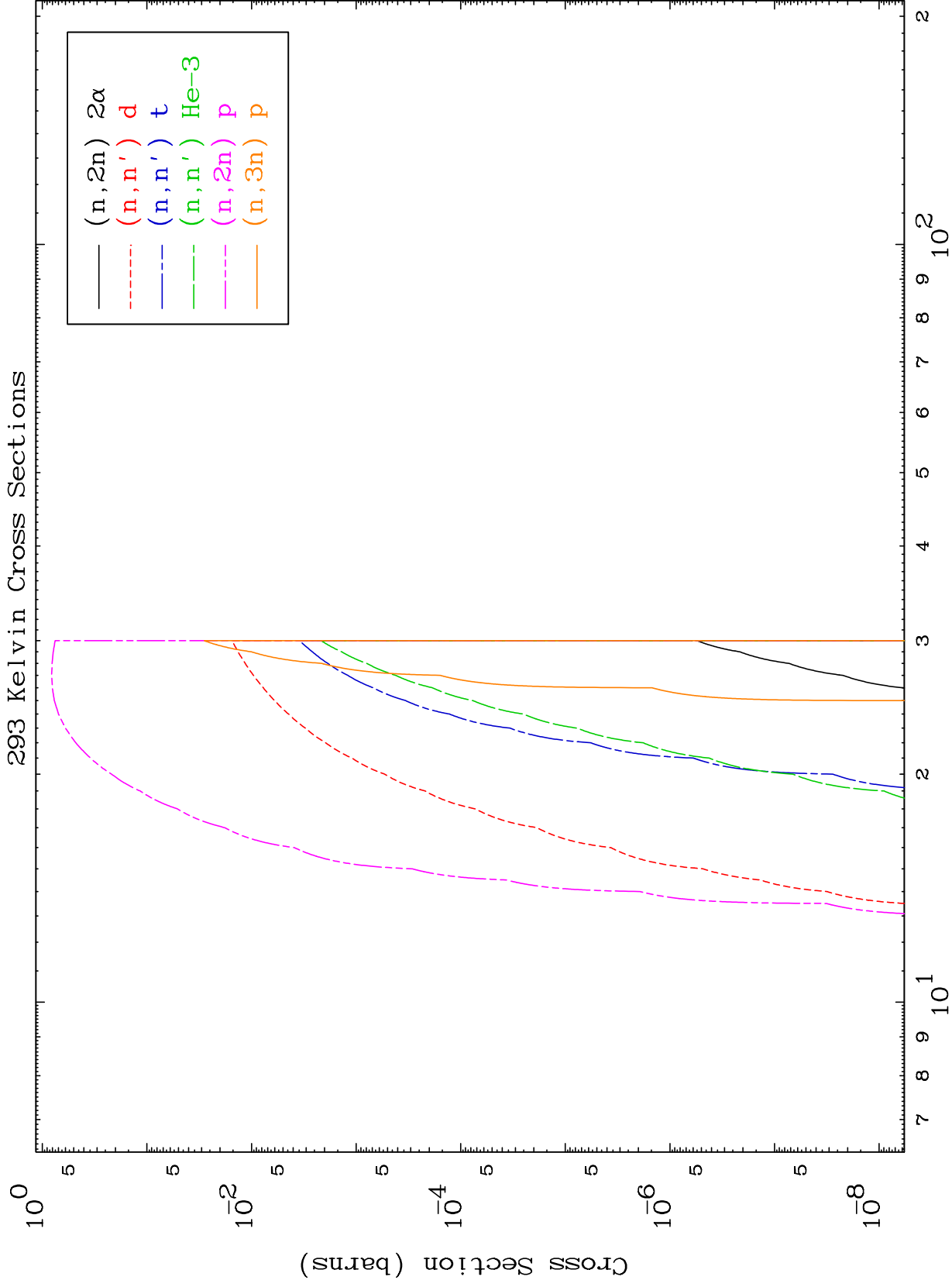
65-Tb-146



MAT 6486

Neutron Production
293 Kelvin Cross Sections

65-Tb-146



3

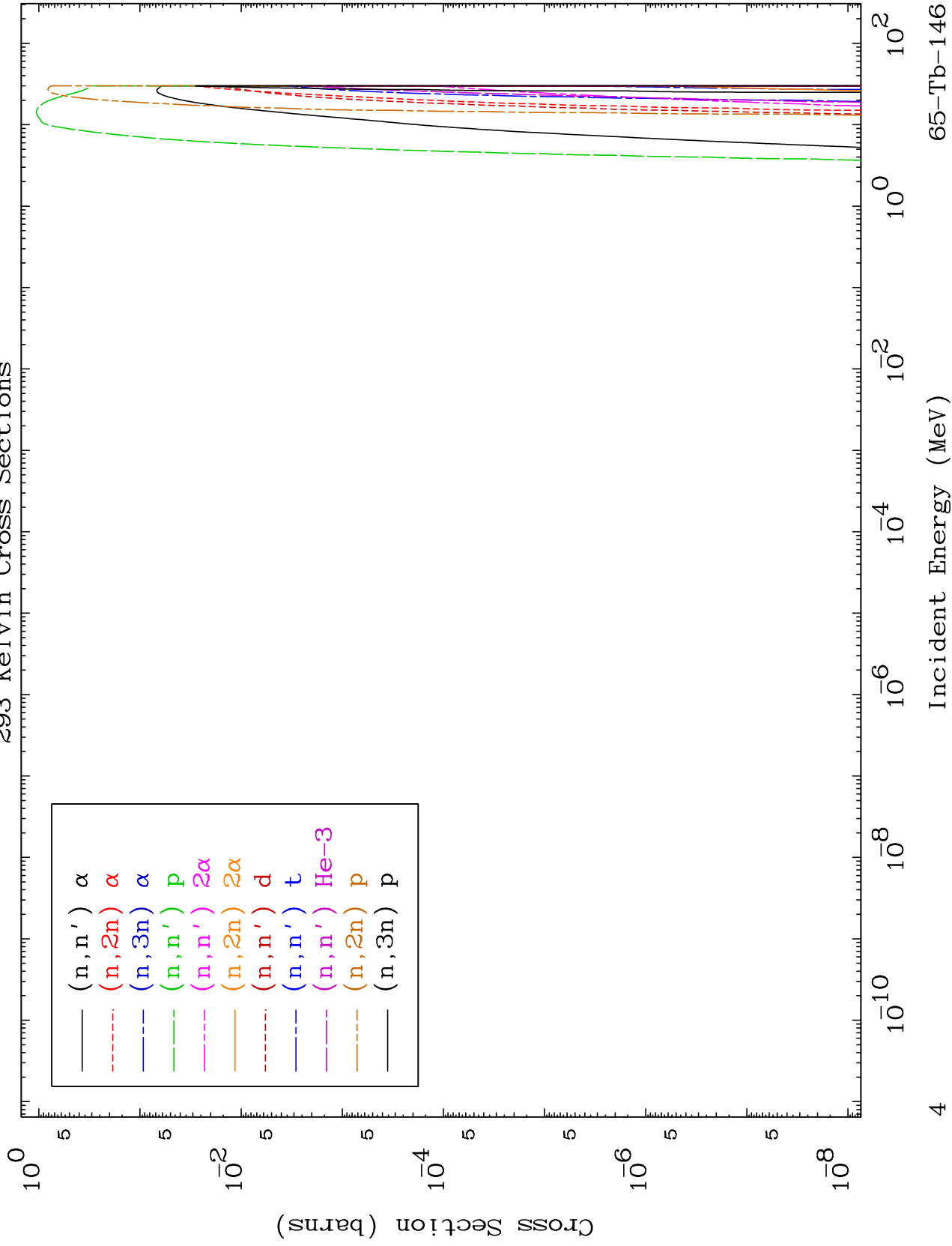
Incident Energy (MeV)

65-Tb-146

MAT 6486

Charged Particle
293 Kelvin Cross Sections

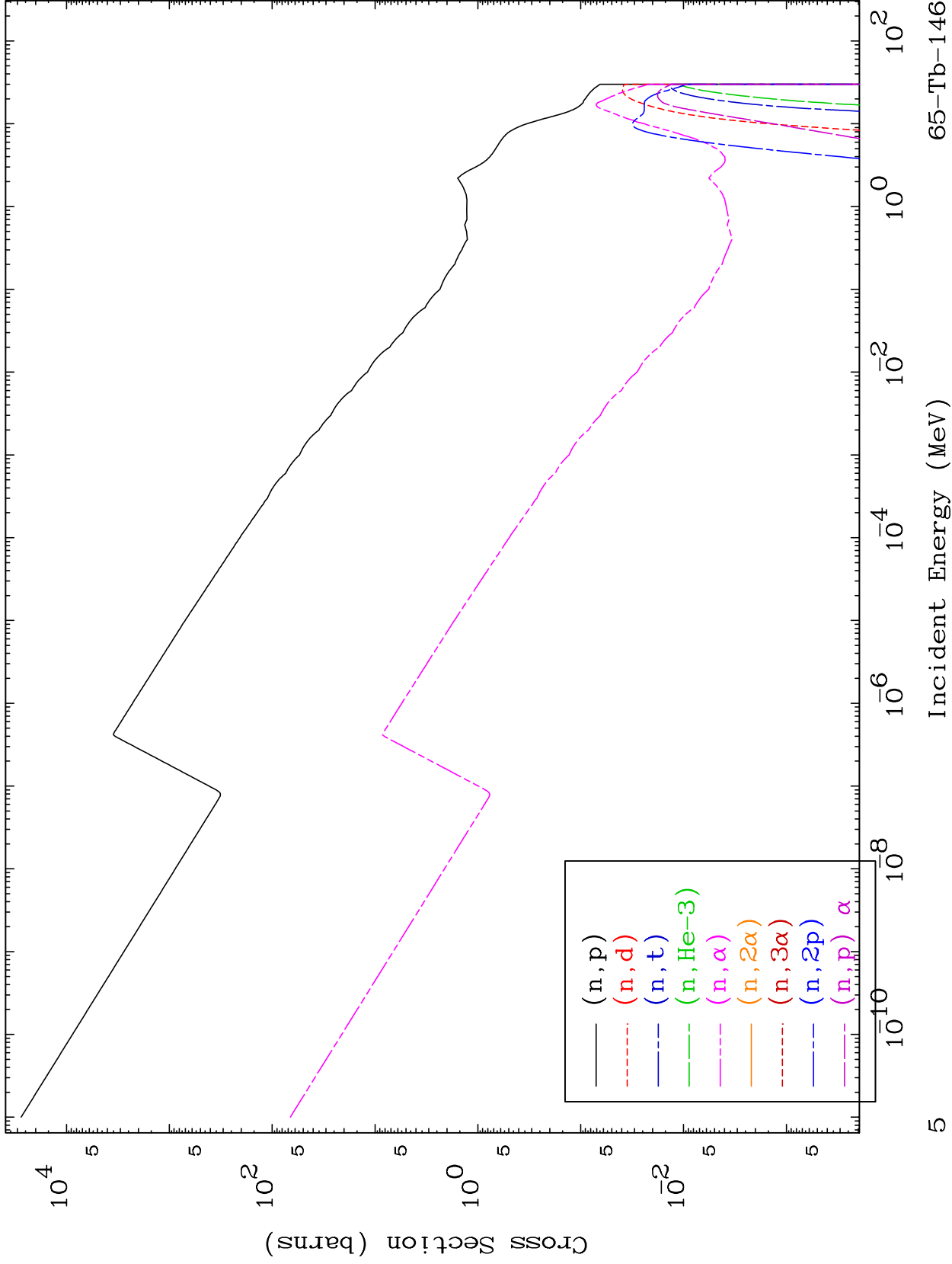
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MAT 6486

Charged Particle
293 Kelvin Cross Sections

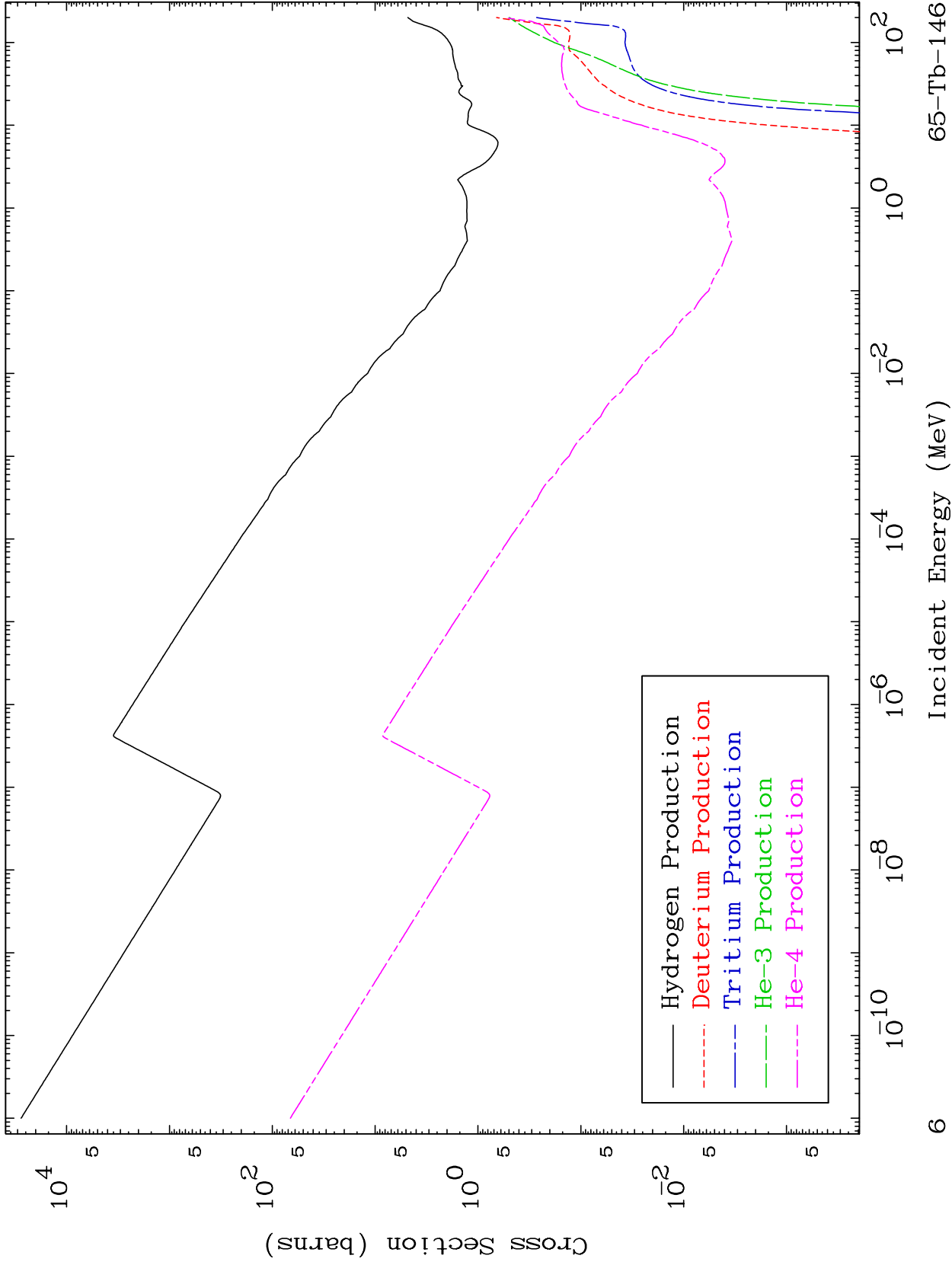
65-Tb-146



MAT 6486

Particle Production
293 Kelvin Cross Sections

65-Tb-146

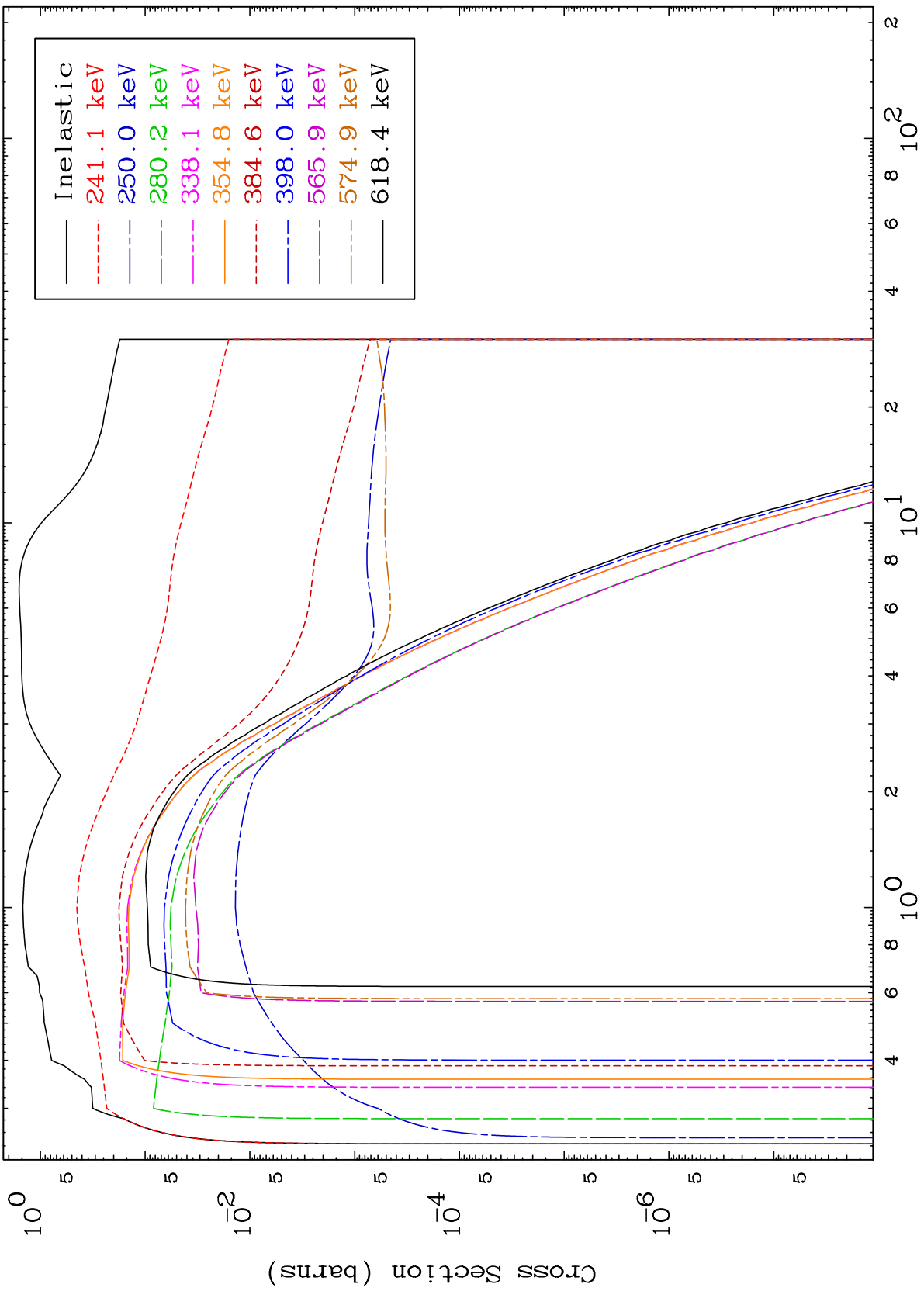


MAT 6486

(n,n') Level

65-Tb-146

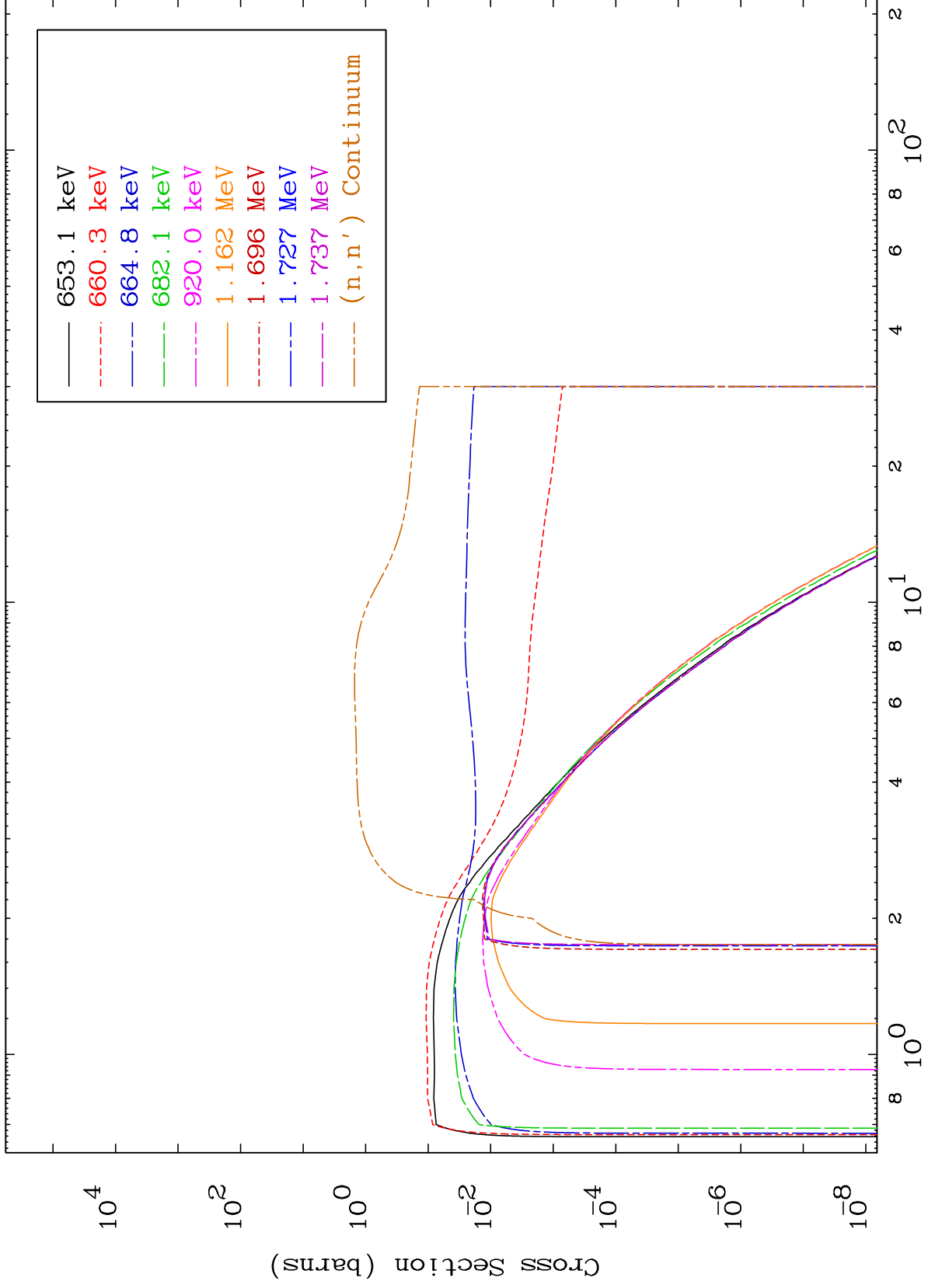
293 Kelvin Cross Sections



MAT 6486

(n,n') Level
293 Kelvin Cross Sections

65-Tb-146



8

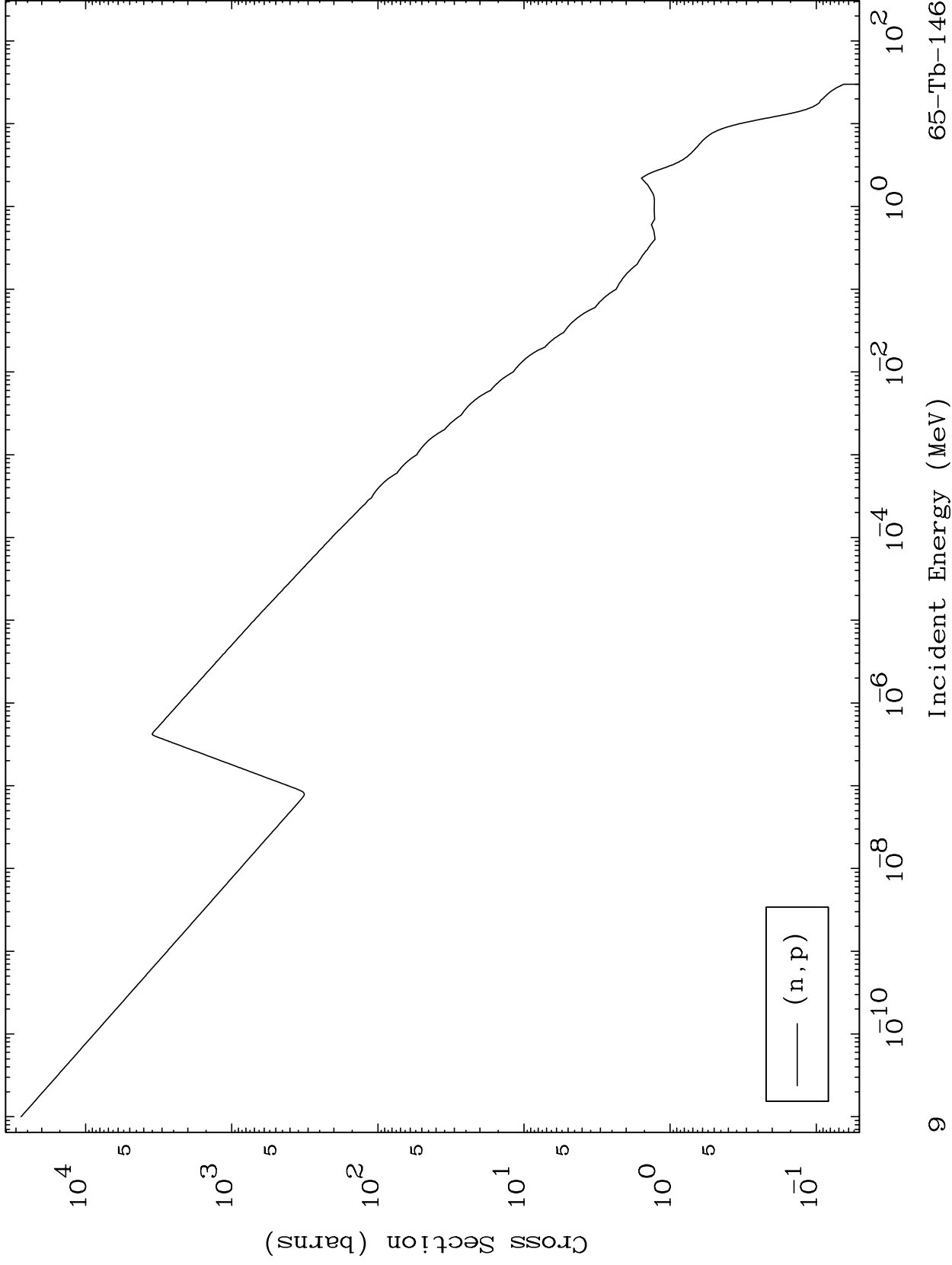
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,p) Levels
293 Kelvin Cross Sections

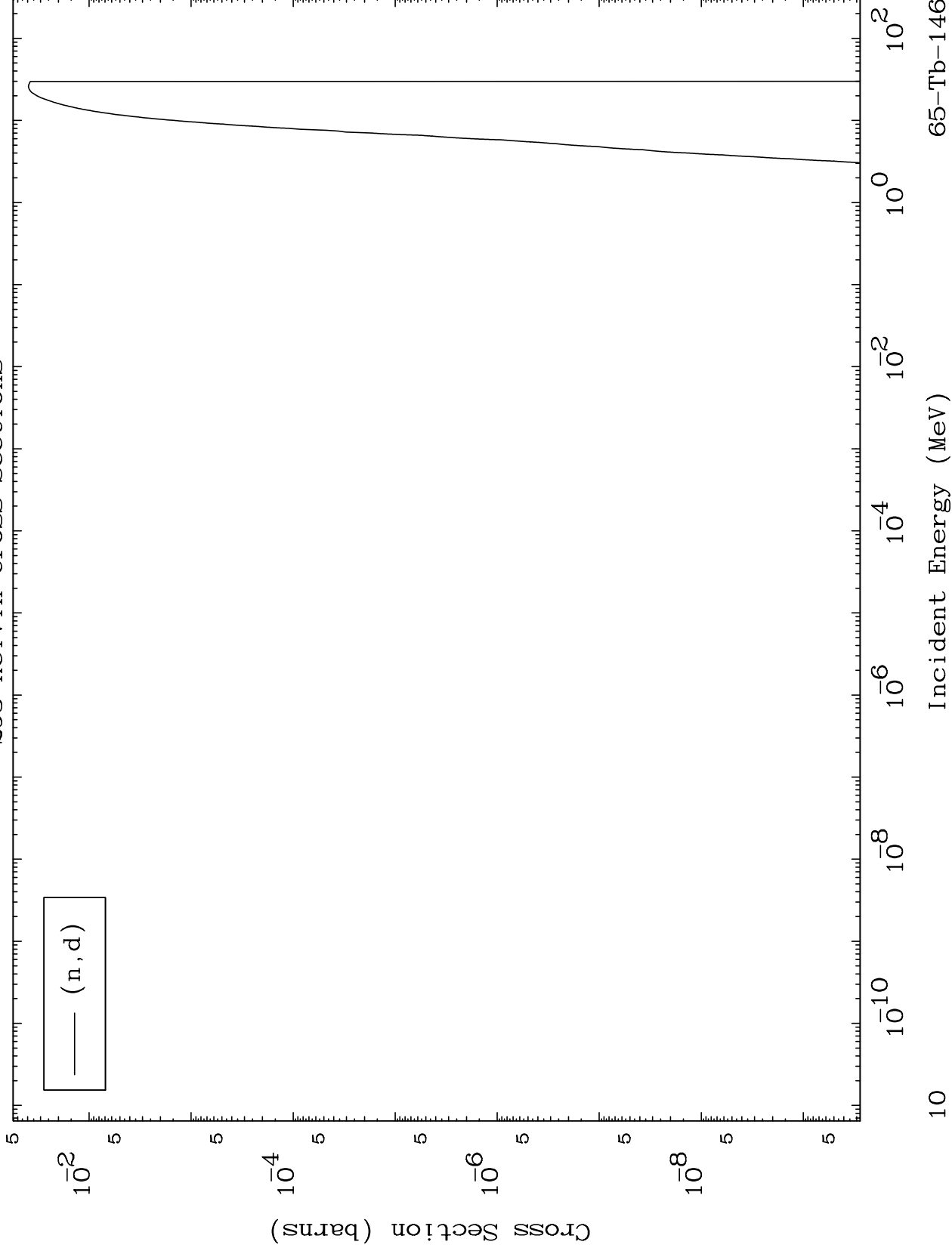
65-Tb-146



MAT 6486

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-146



10

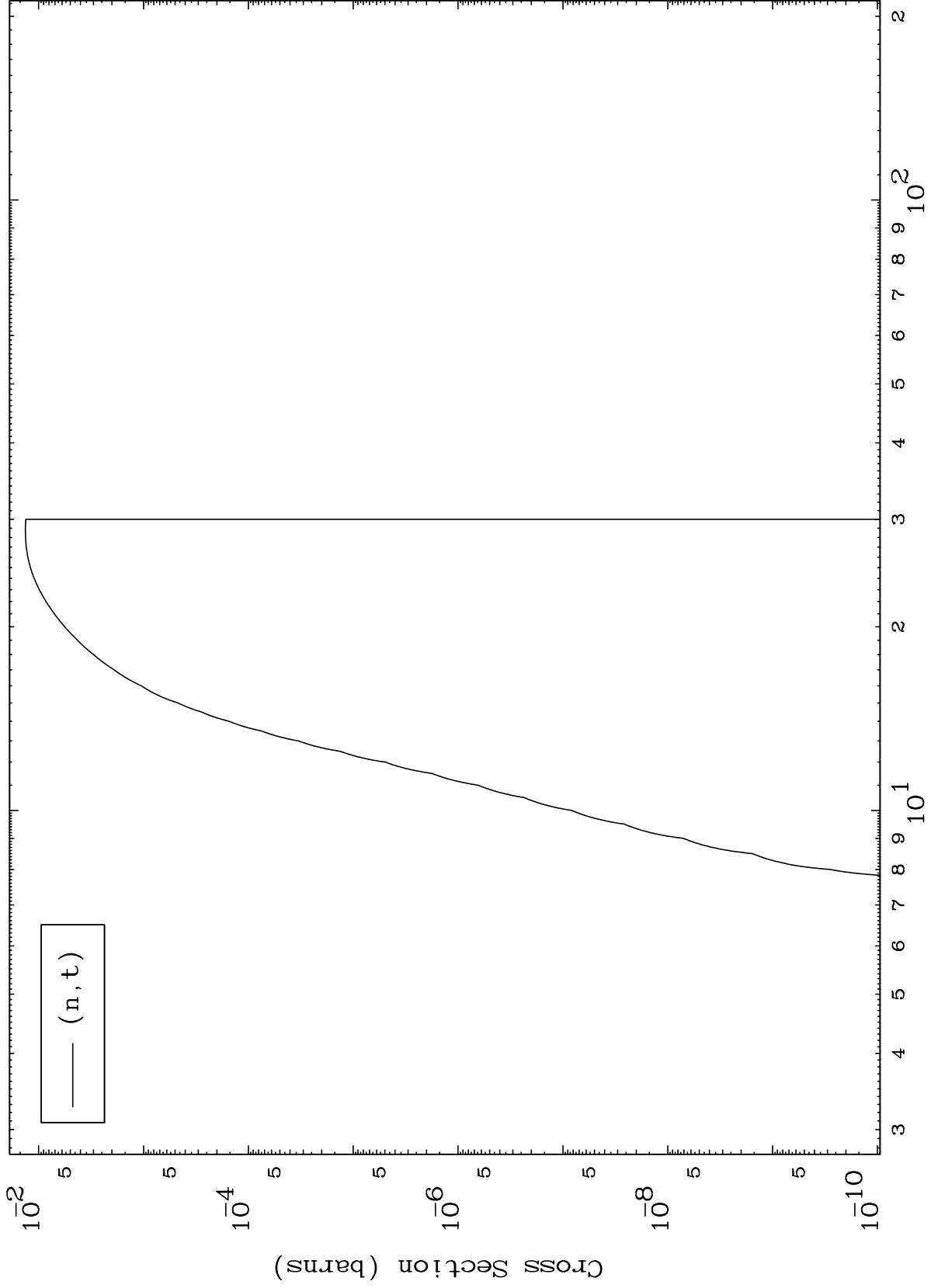
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65-Tb-146

MAT 6486

(n,t) Levels
293 Kelvin Cross Sections

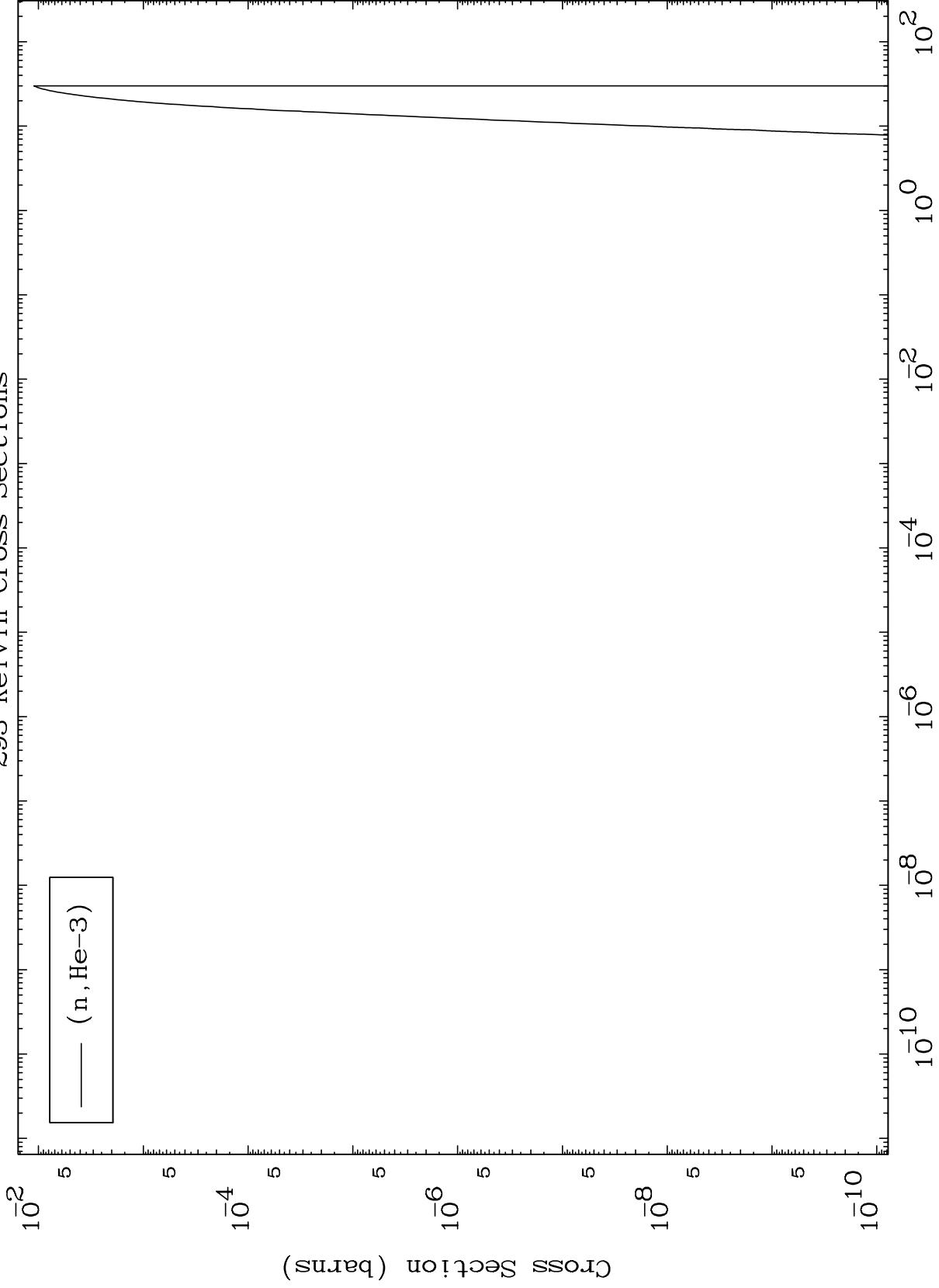
65-Tb-146



MAT 6486

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-146



12

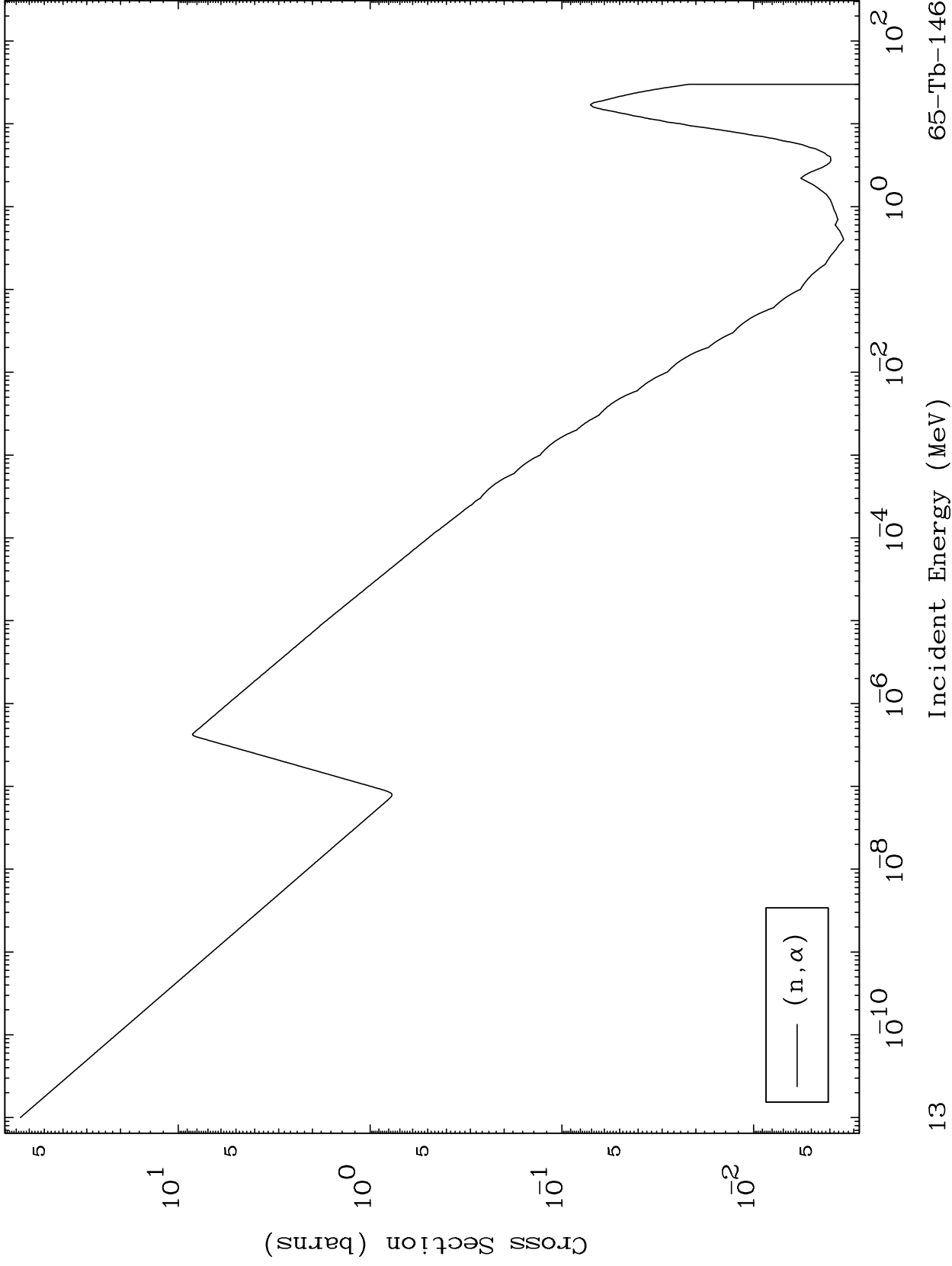
Incident Energy (MeV)

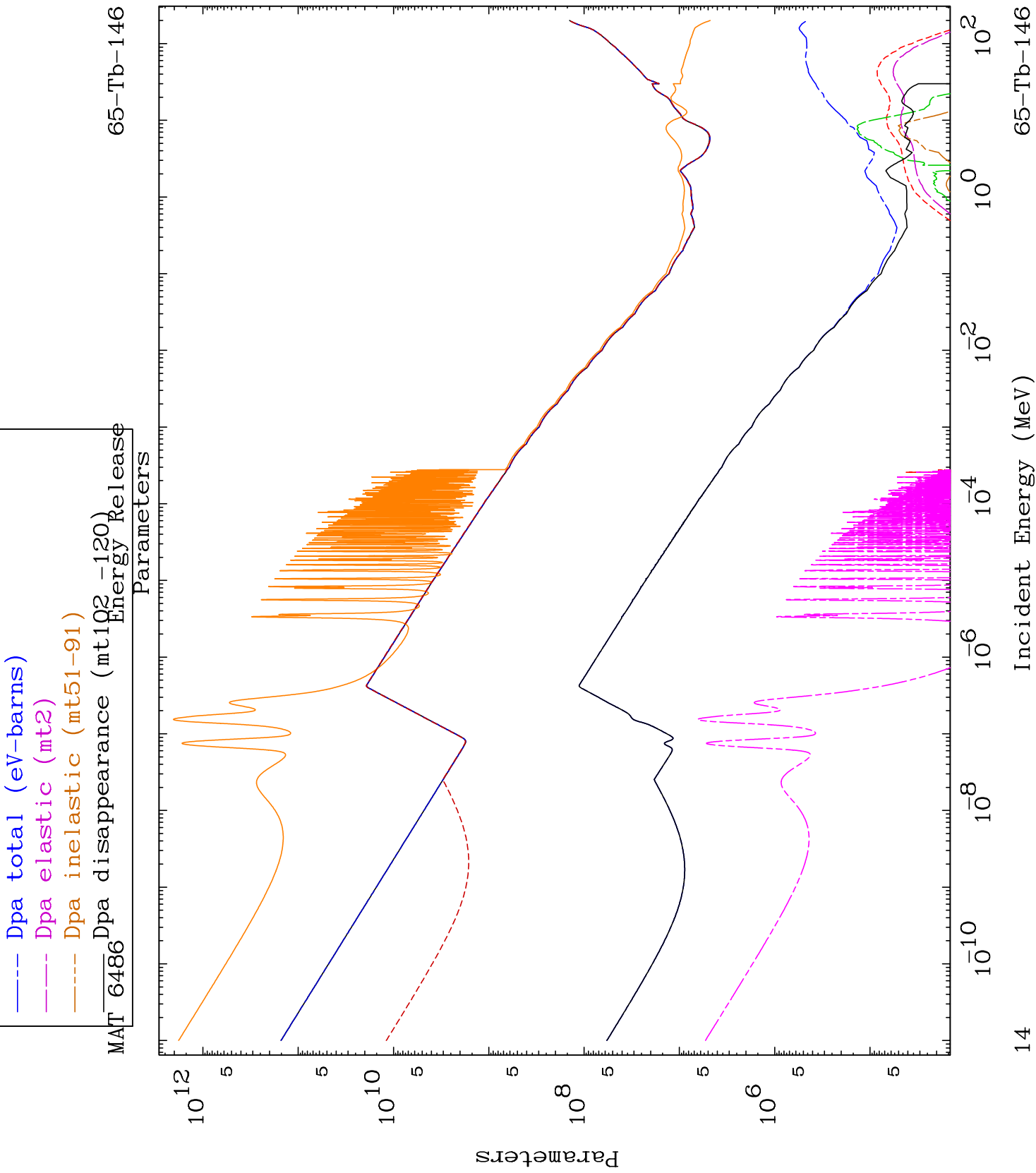
65-Tb-146

MAT 6486

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-146

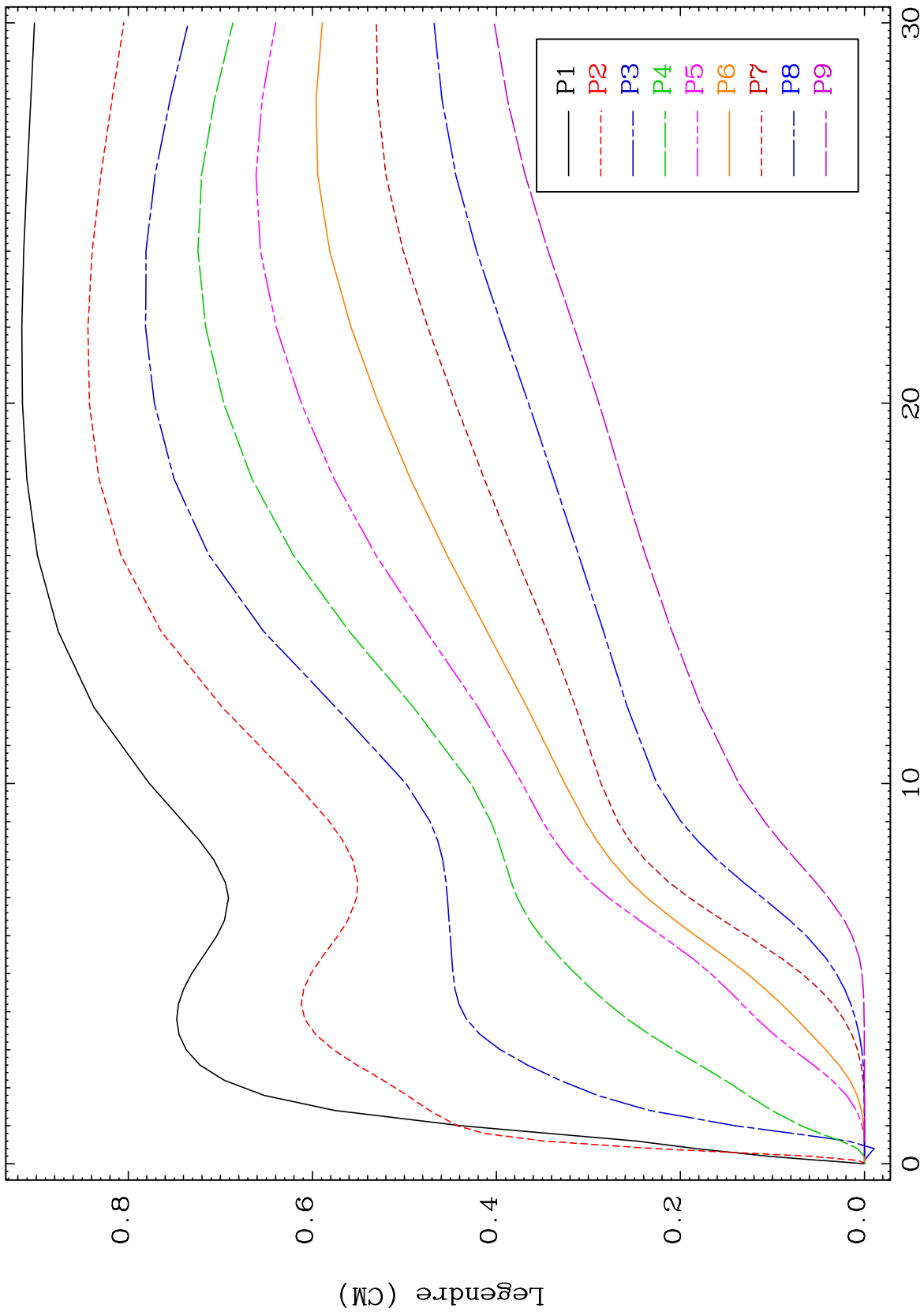




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Elastic Legendre Coefficients

65-Tb-146



15

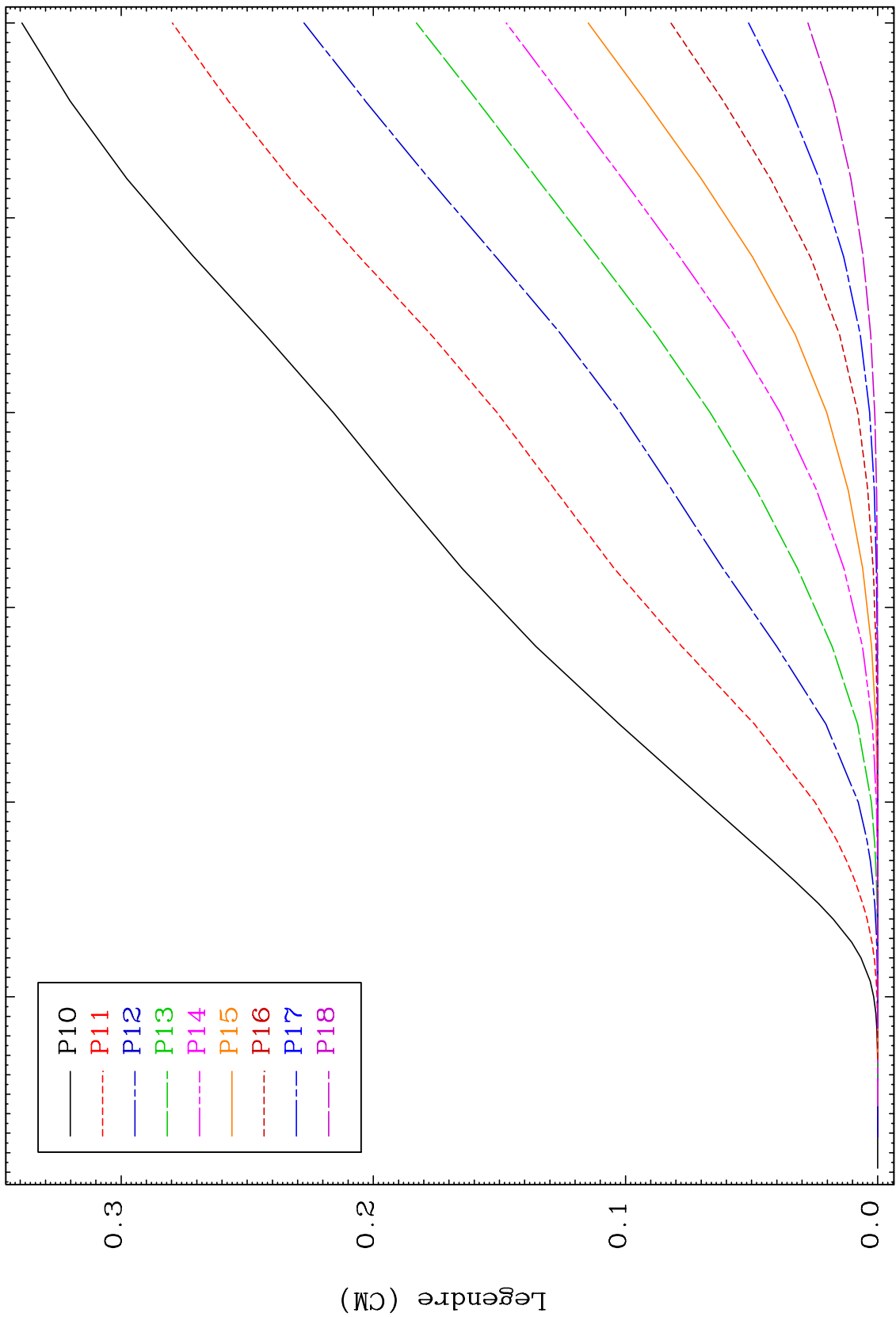
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



16

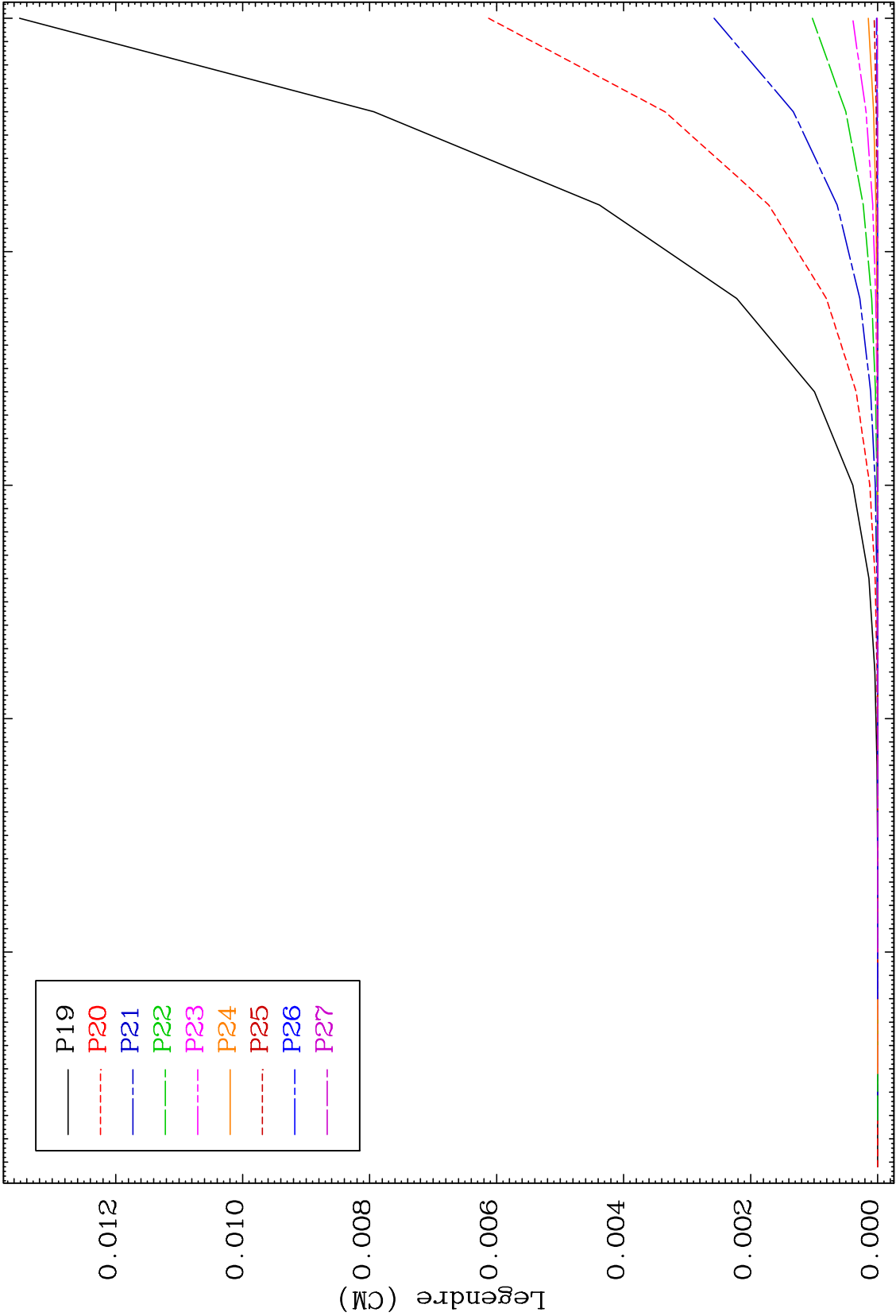
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



17

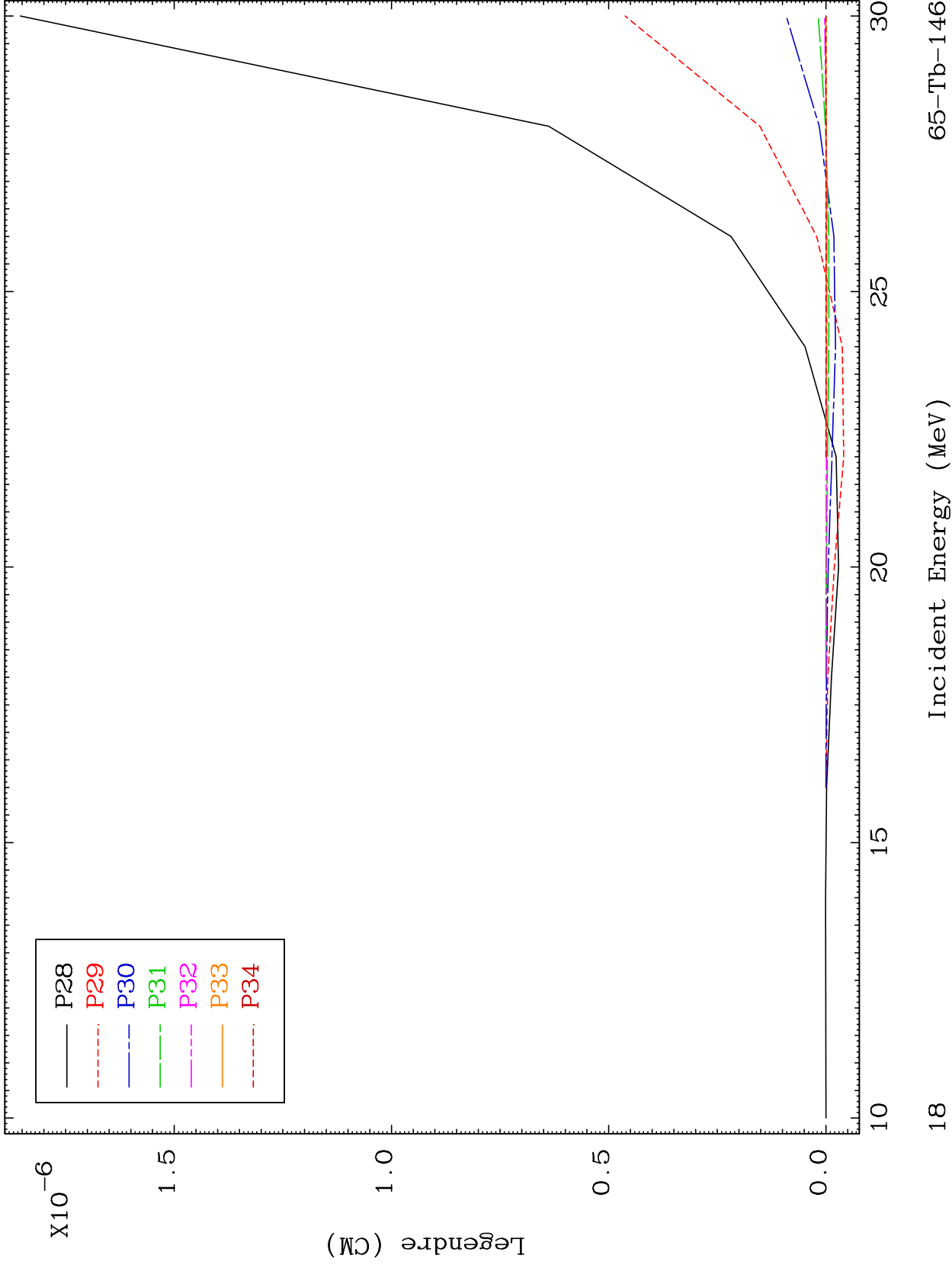
Incident Energy (MeV)

65-Tb-146

MAT 6486

Elastic Legendre Coefficients

65-Tb-146



18

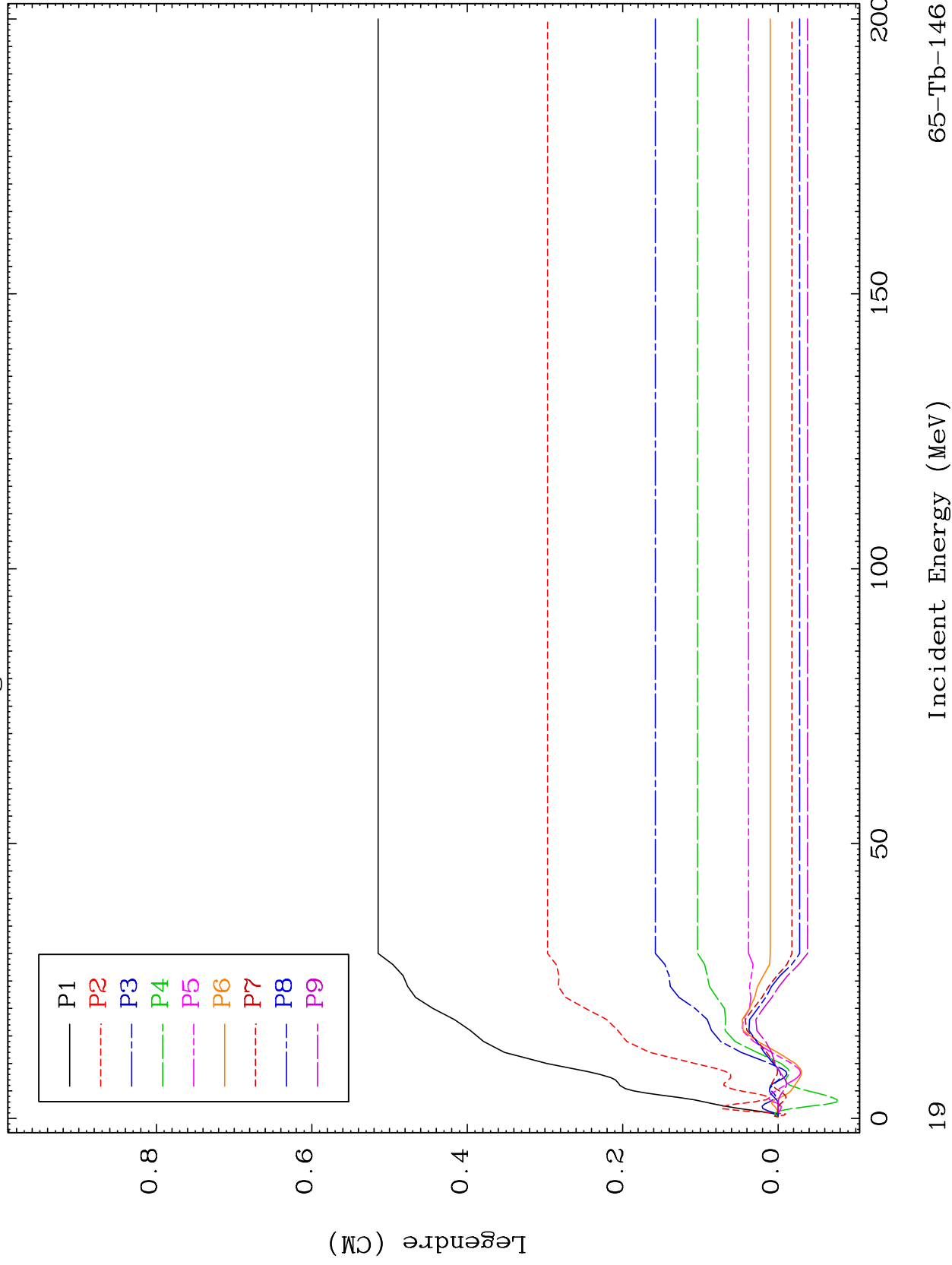
Incident Energy (MeV)

65-Tb-146

MAT 6486

241.1 keV (n,n') Level
Legendre Coefficients

65-Tb-146

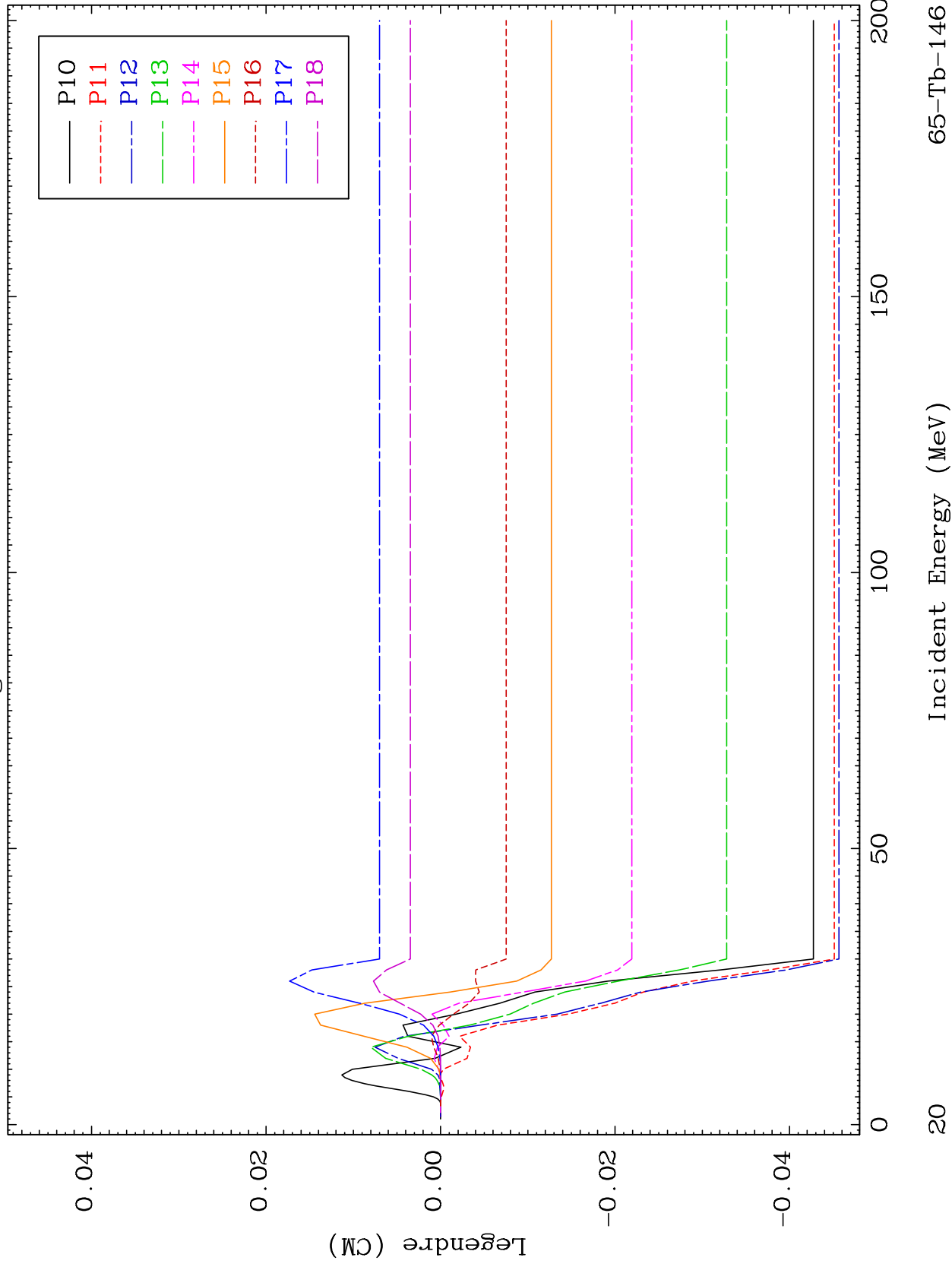


19

MAT 6486

241.1 keV (n,n') Level
Legendre Coefficients

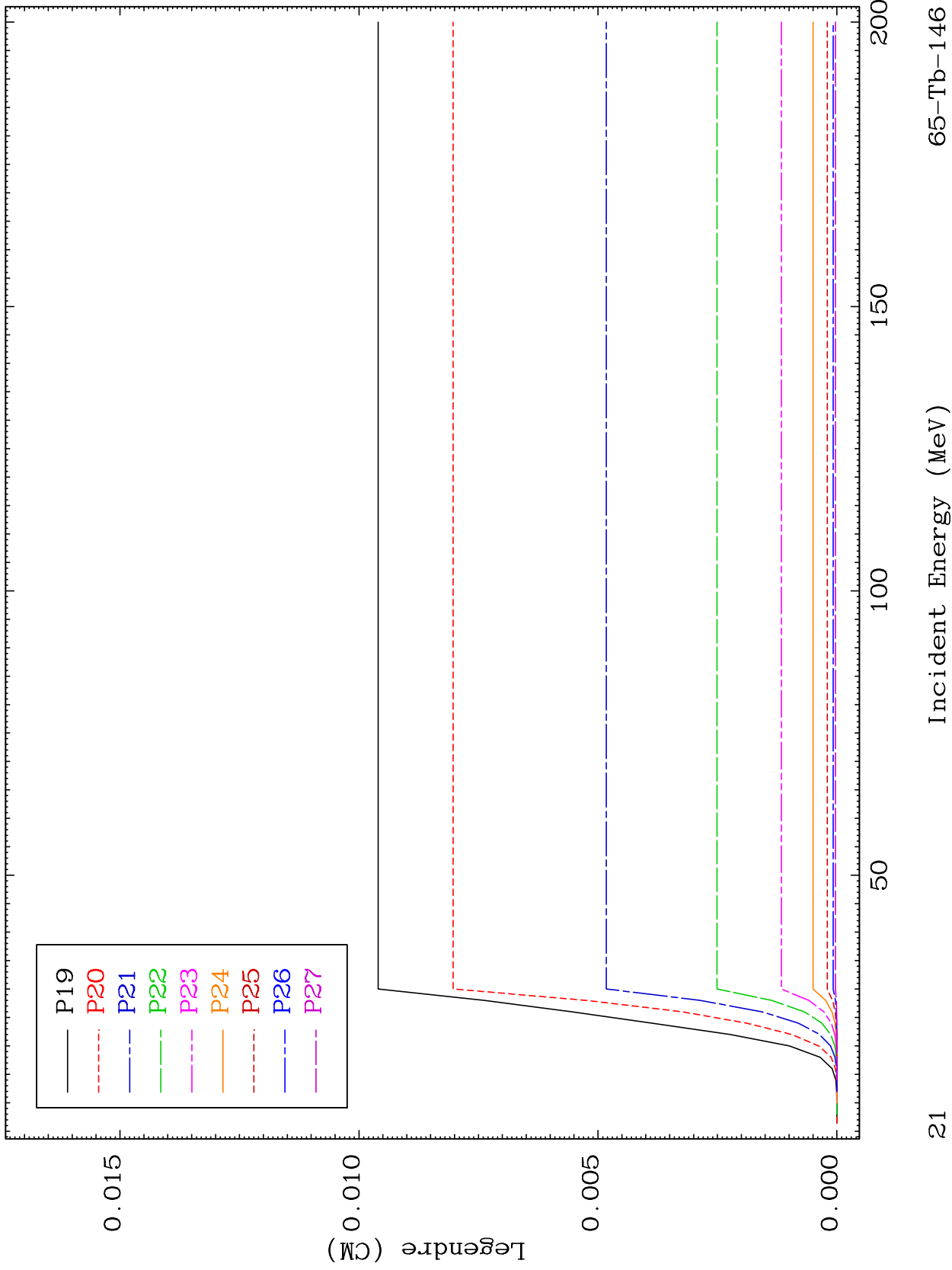
65-Tb-146



65-Tb-146

Incident Energy (MeV)

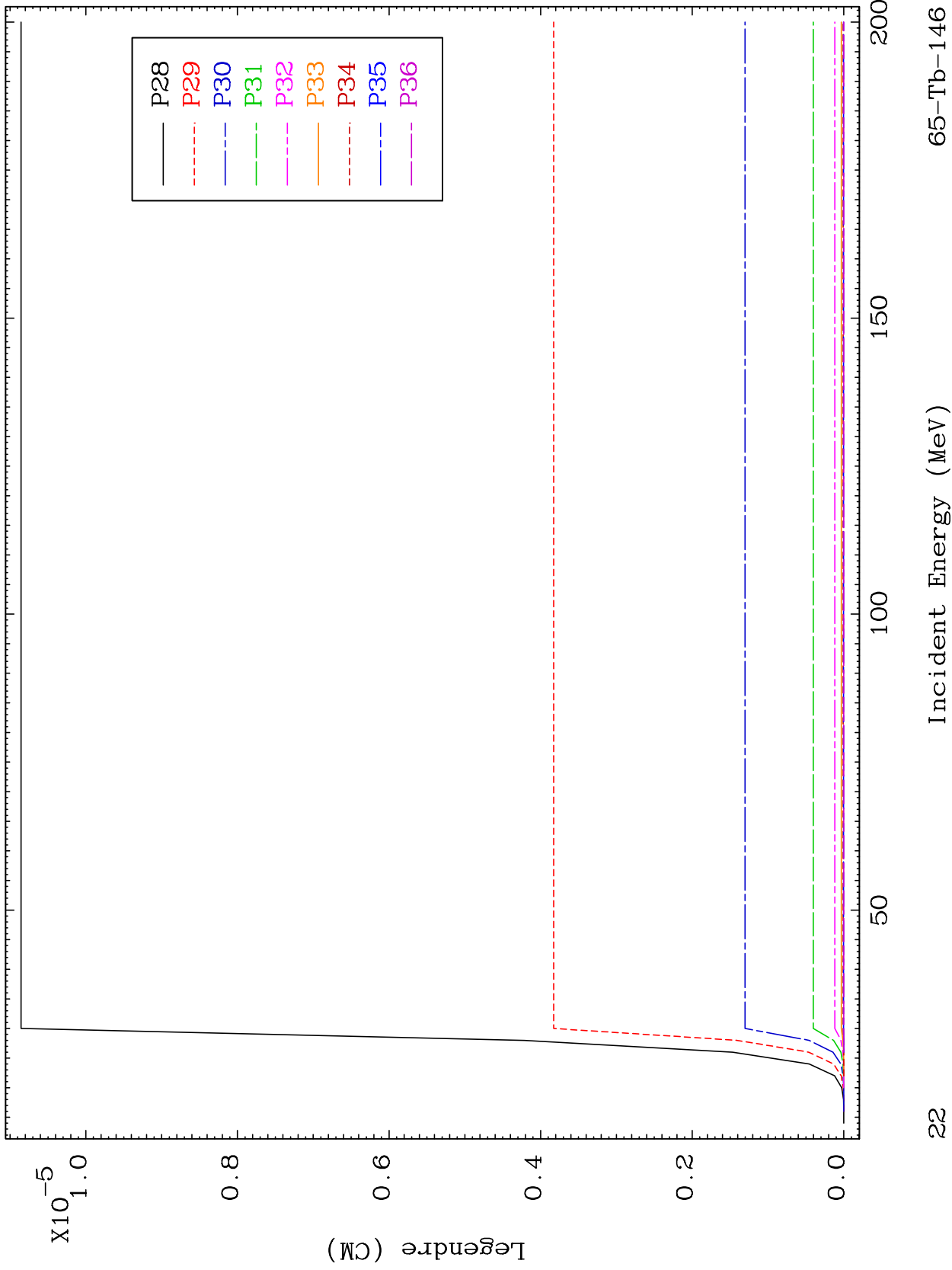
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MAT 6486

241.1 keV (n,n') Level
Legendre Coefficients

65-Tb-146



22

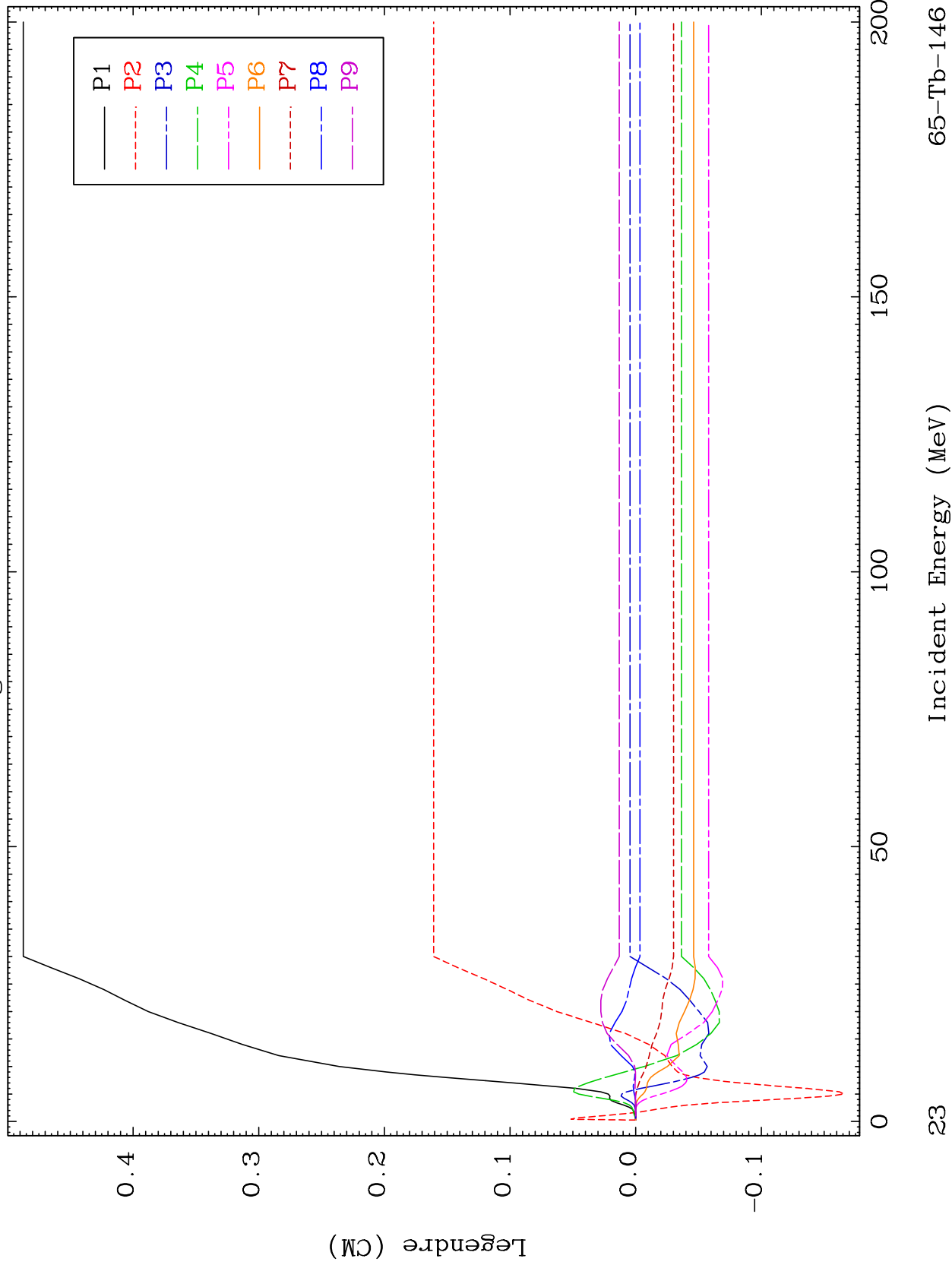
Incident Energy (MeV)

65-Tb-146

MAT 6486

250.0 keV (n,n') Level
Legendre Coefficients

65-Tb-146



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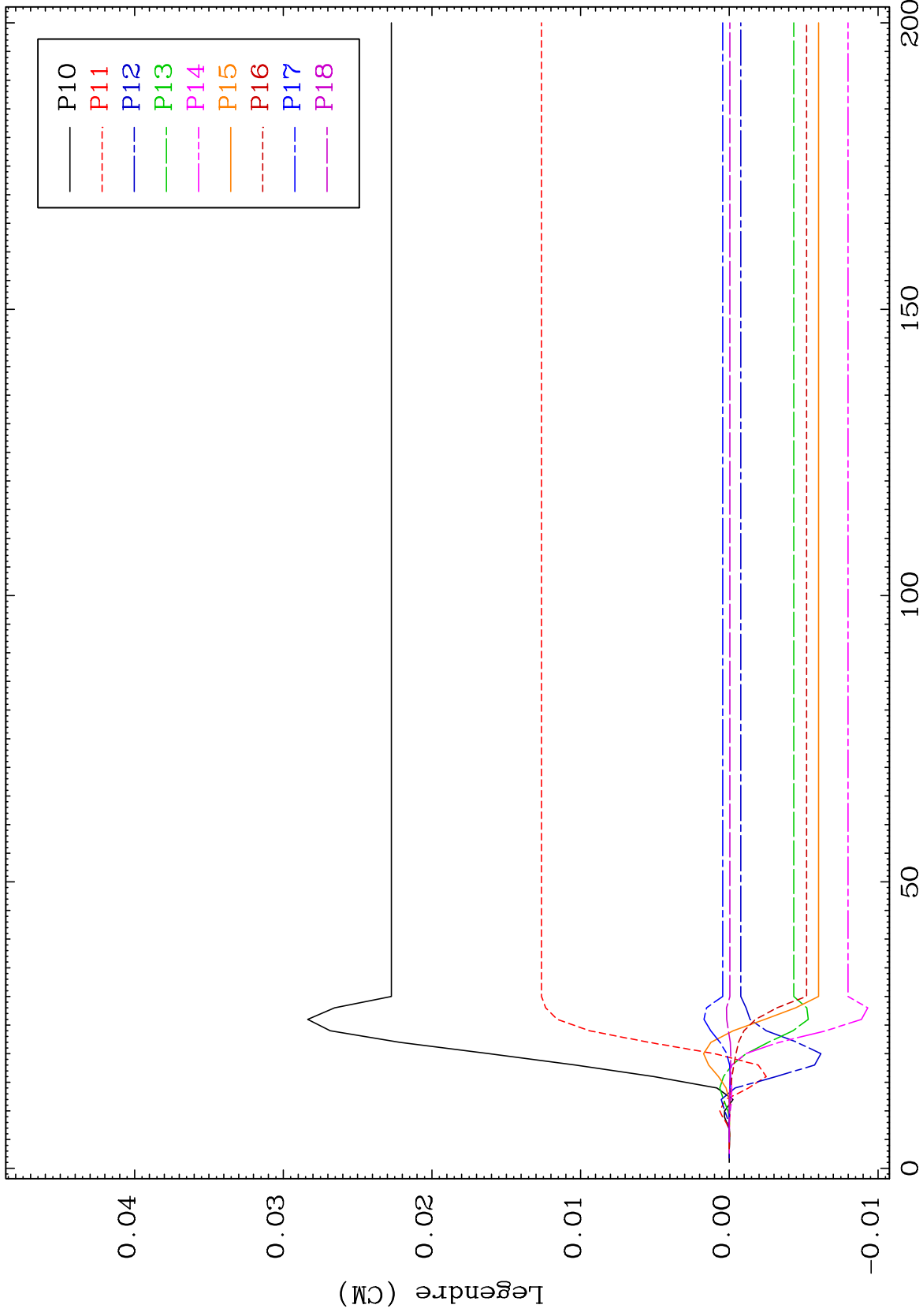
Incident Energy (MeV)

65-Tb-146

MAT 6486

250.0 keV (n,n') Level
Legendre Coefficients

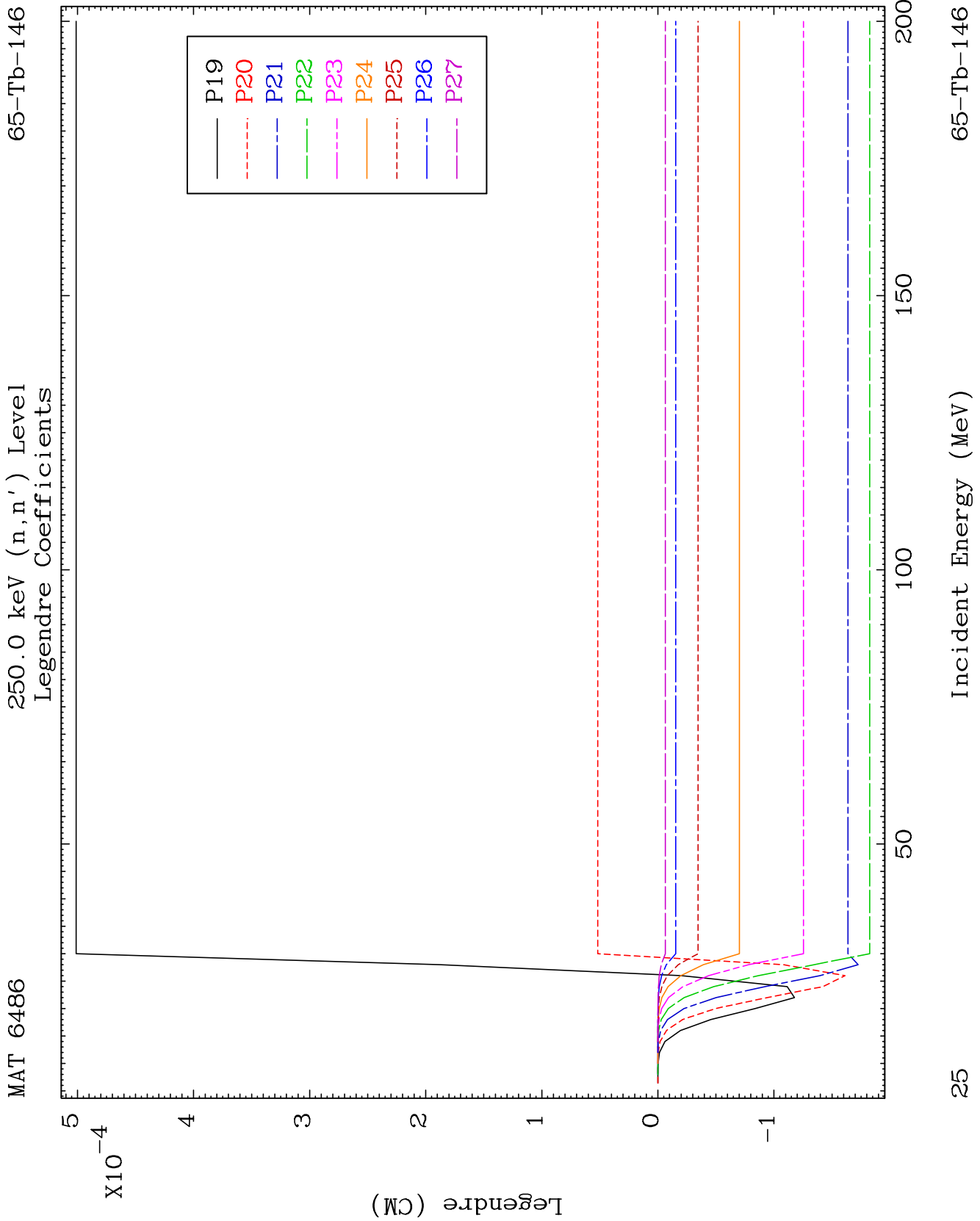
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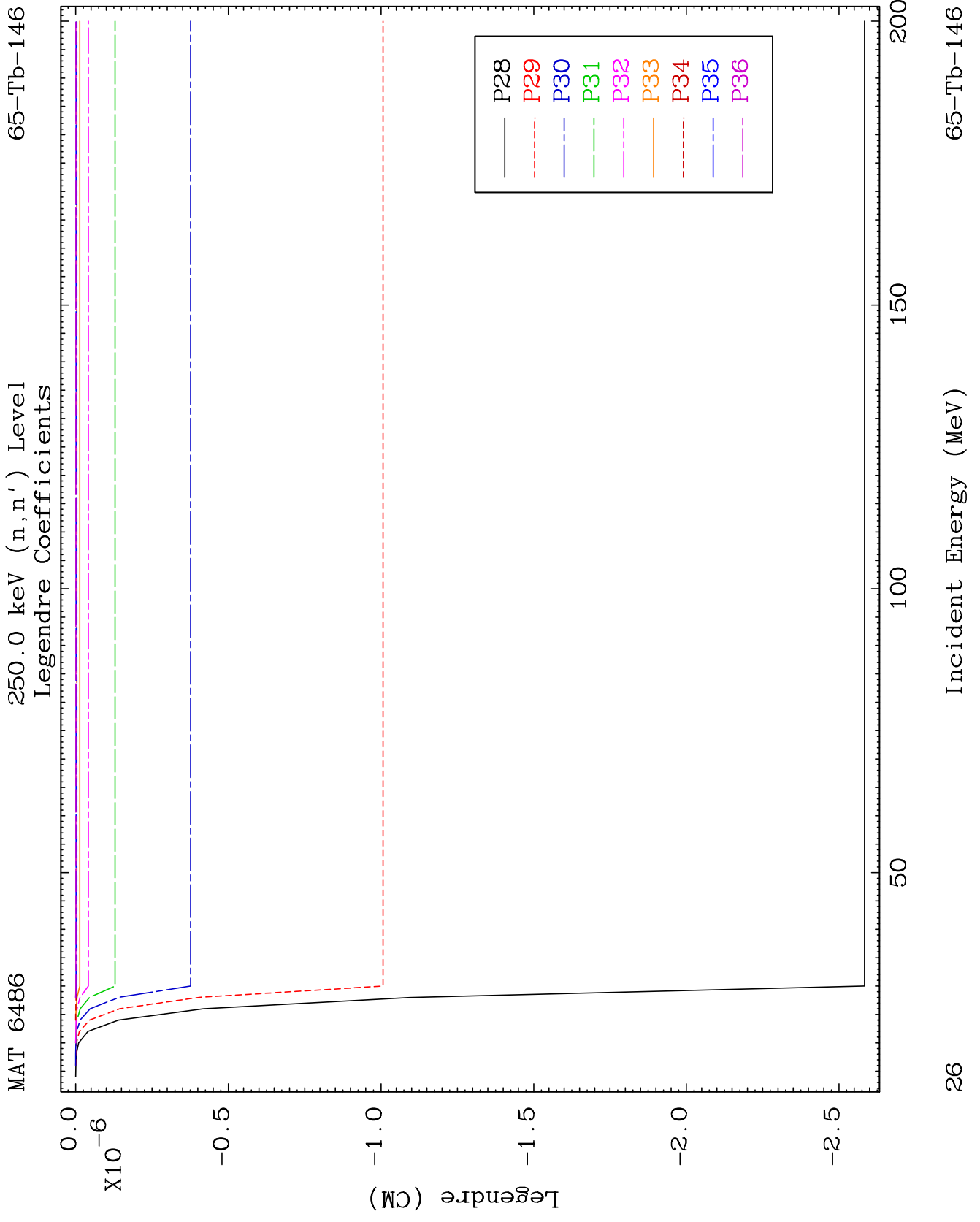


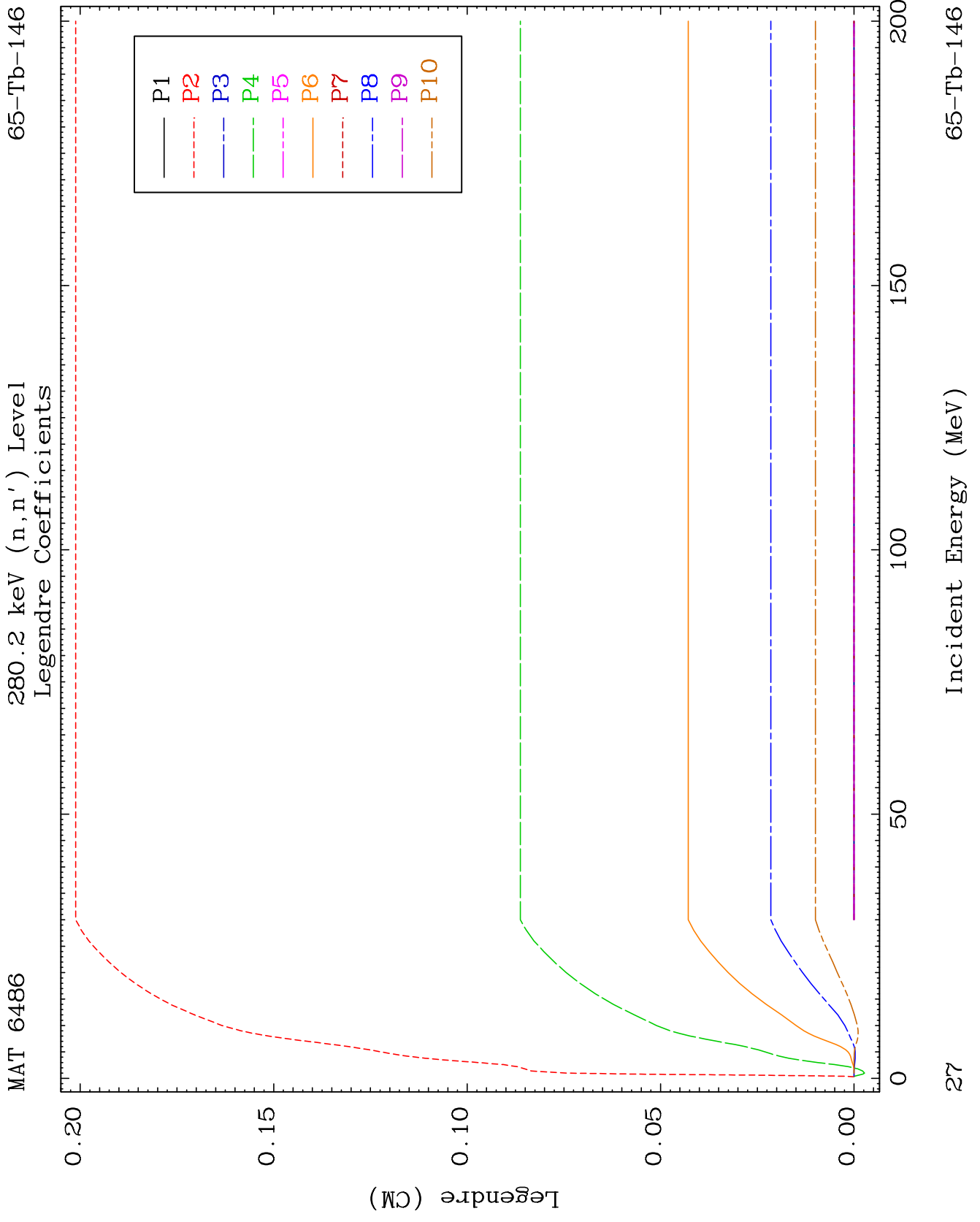
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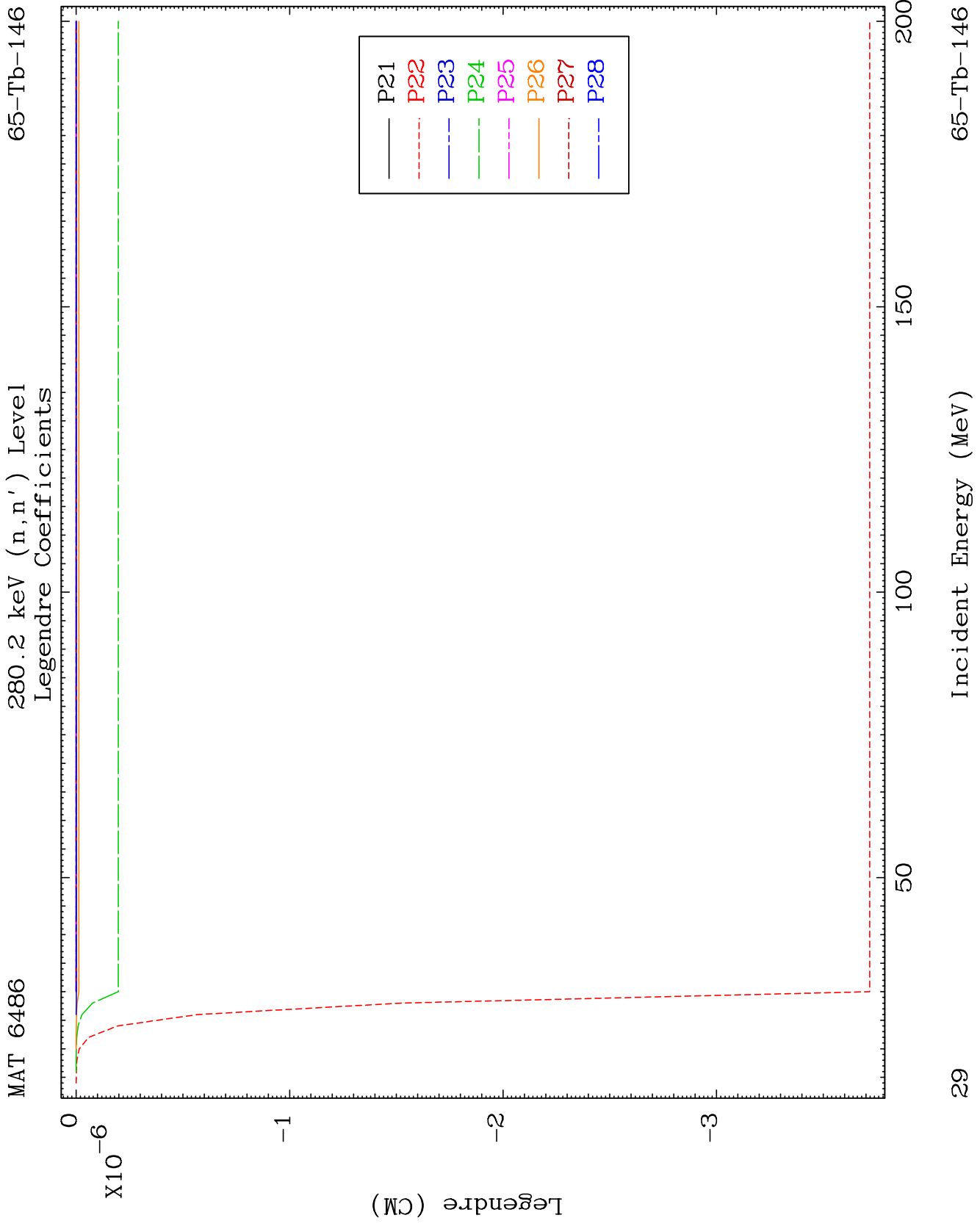
Incident Energy (MeV)

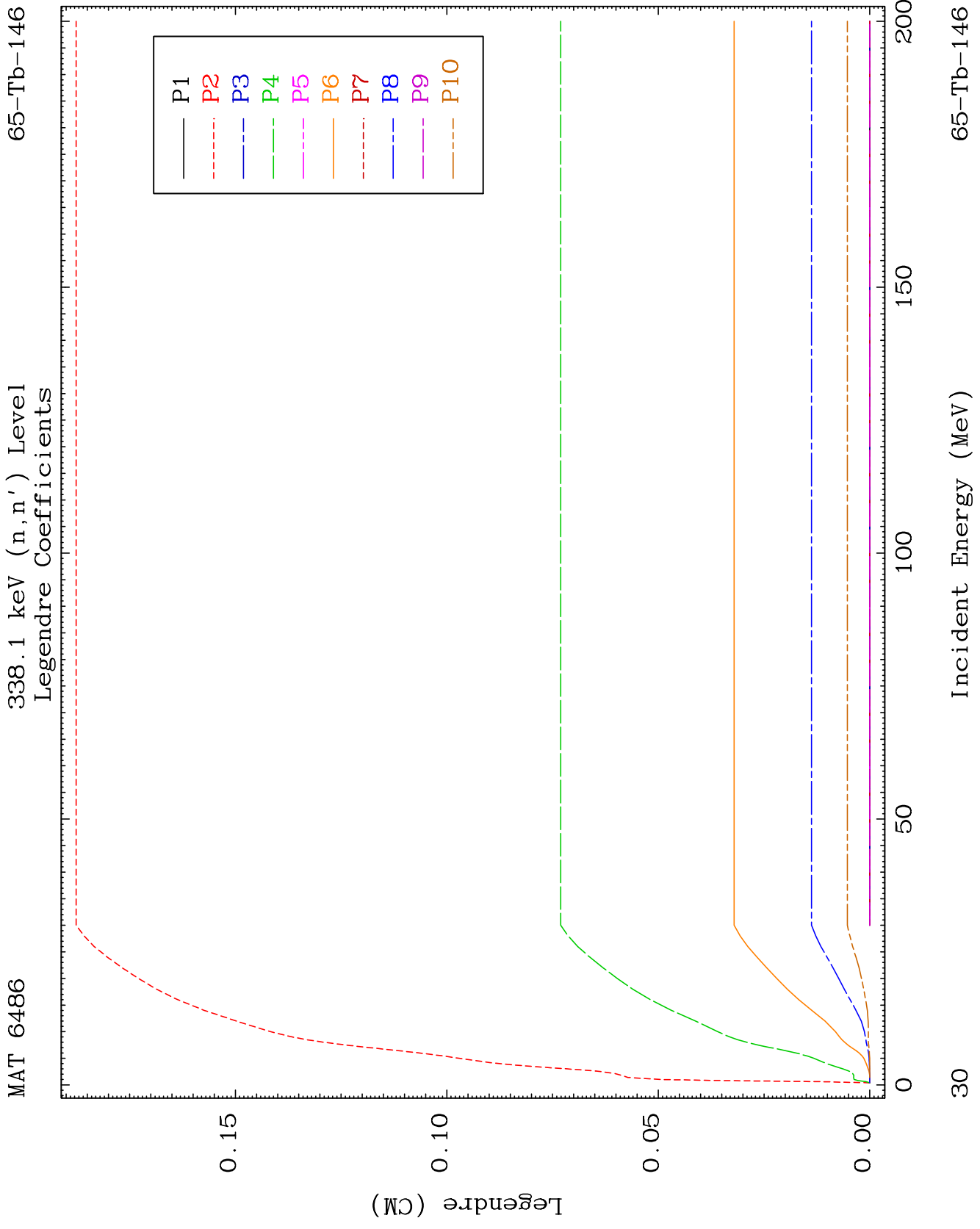
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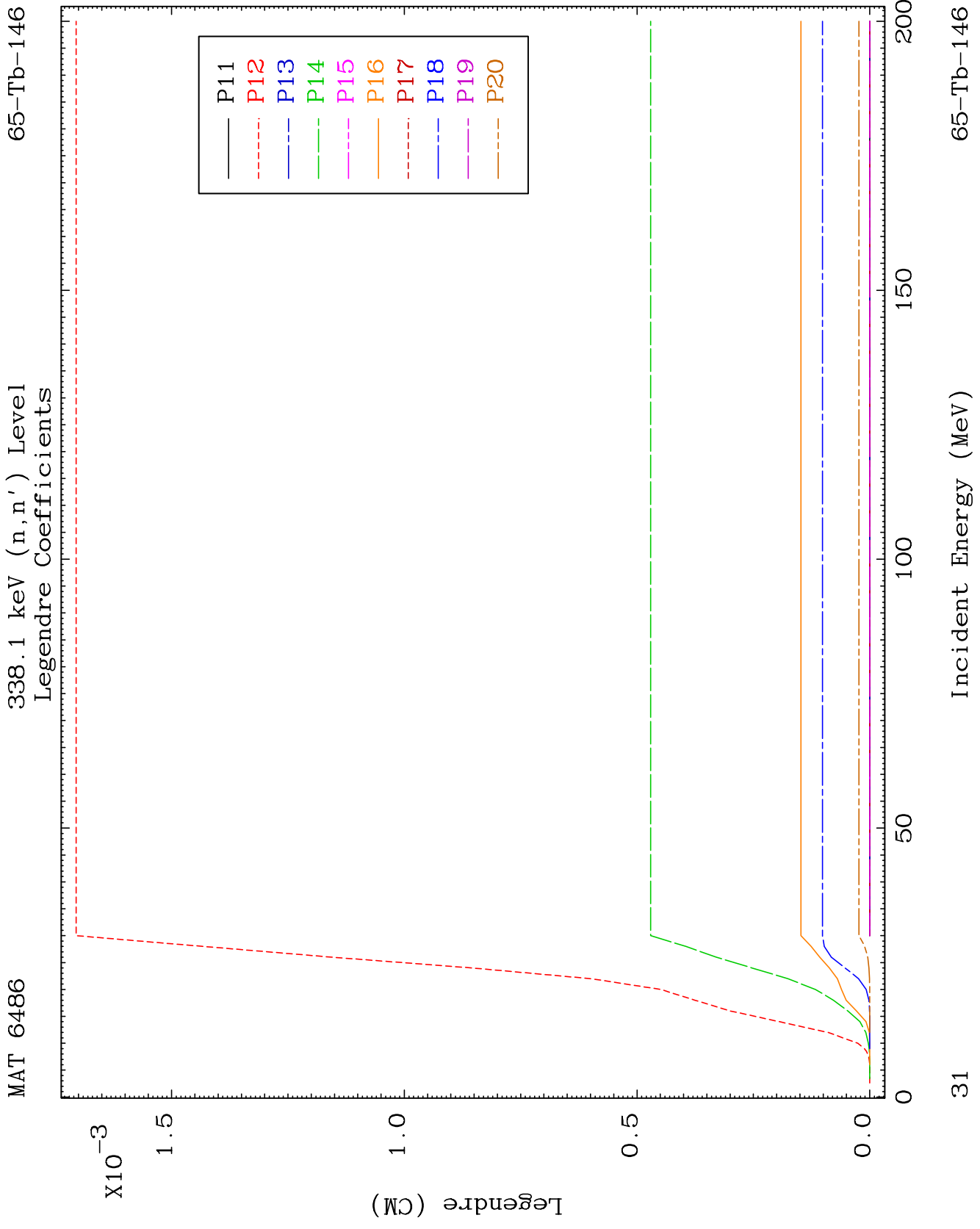


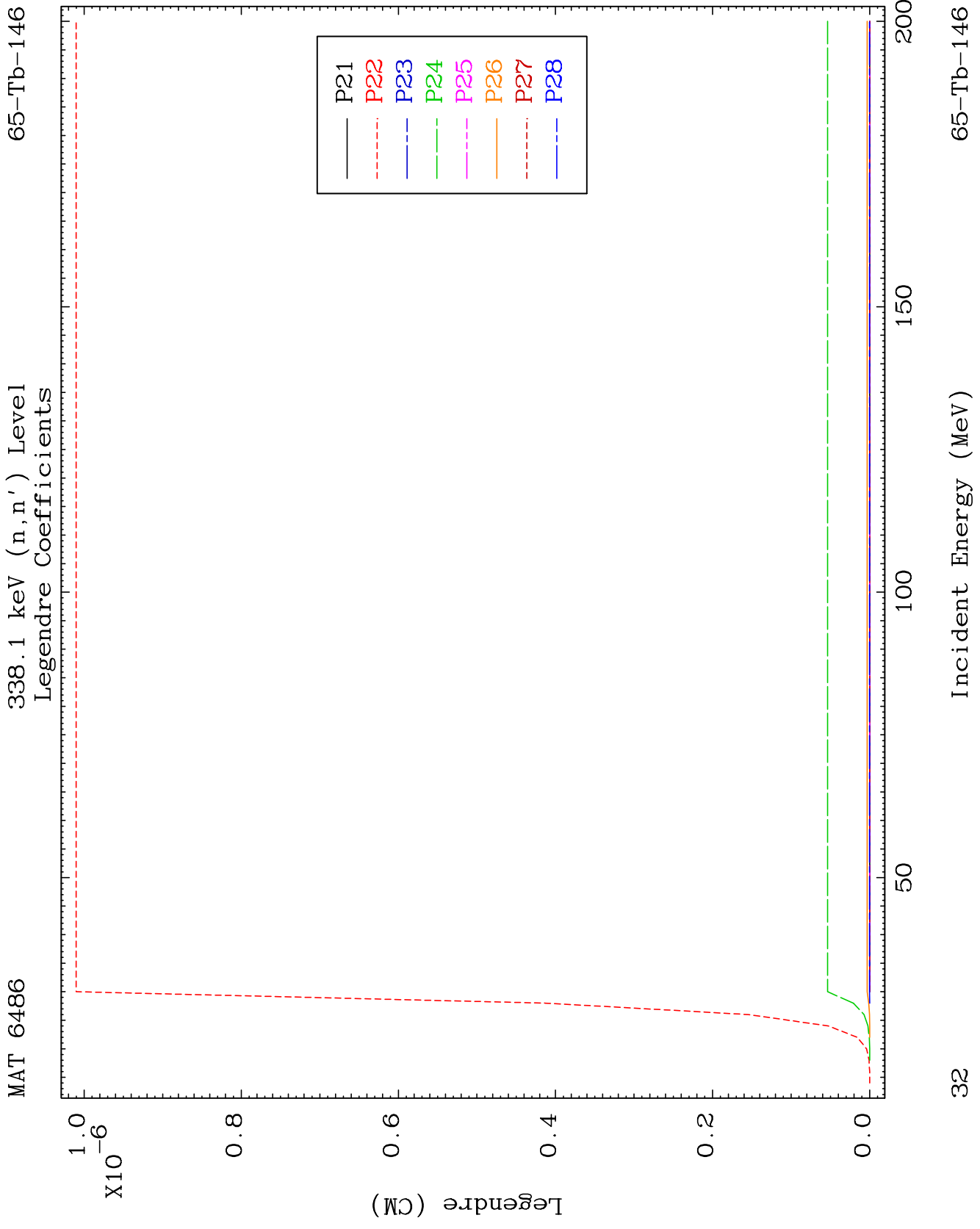


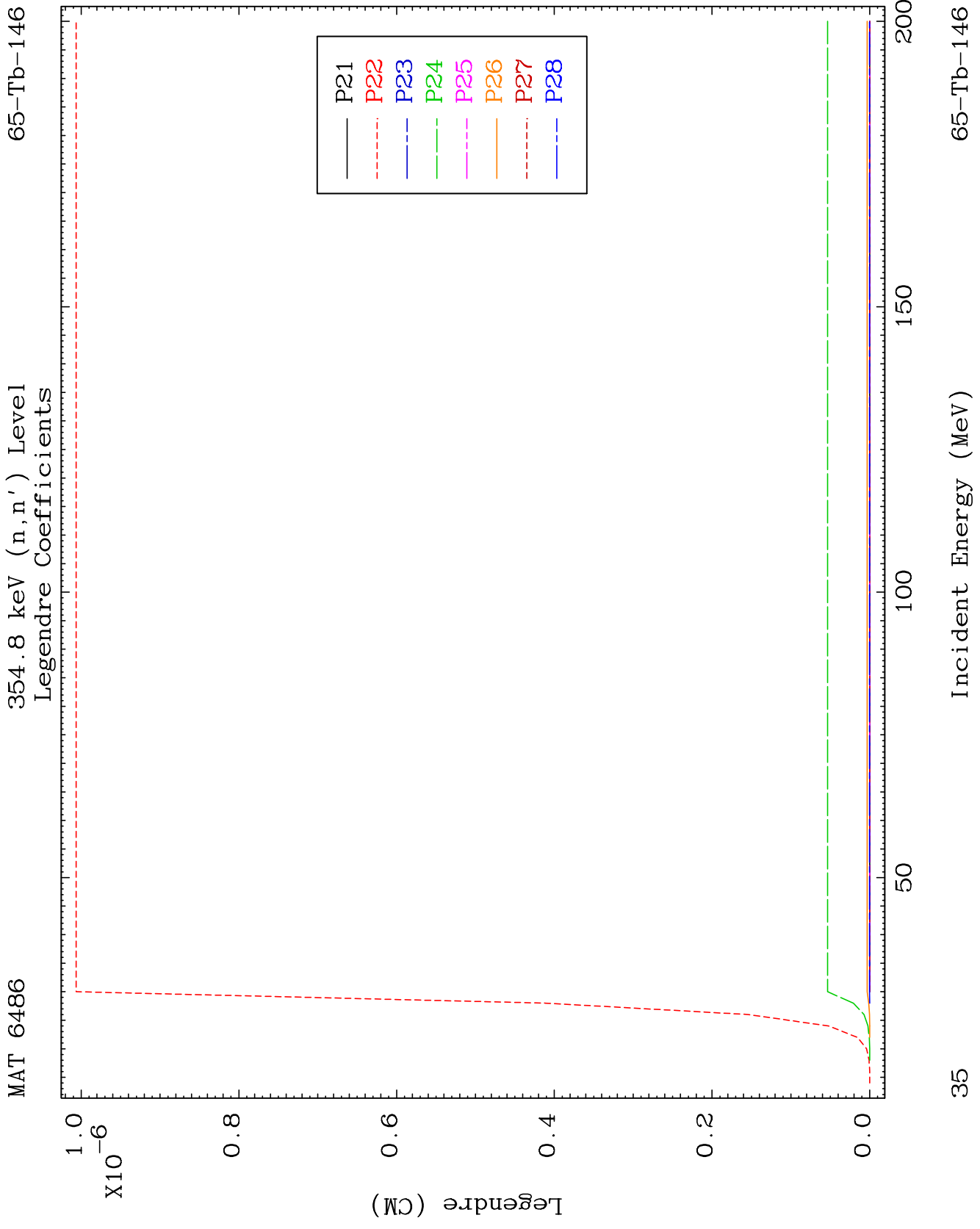


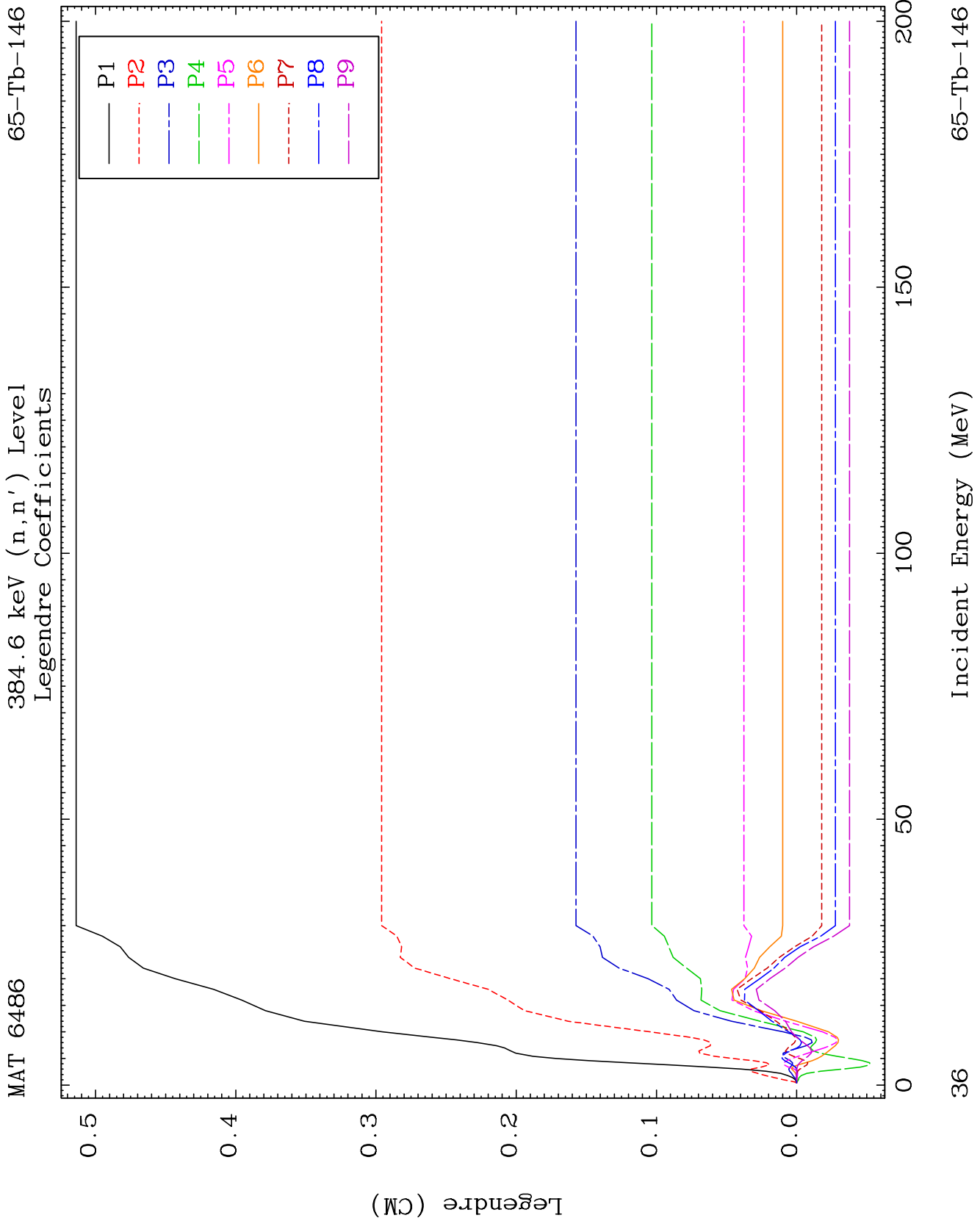








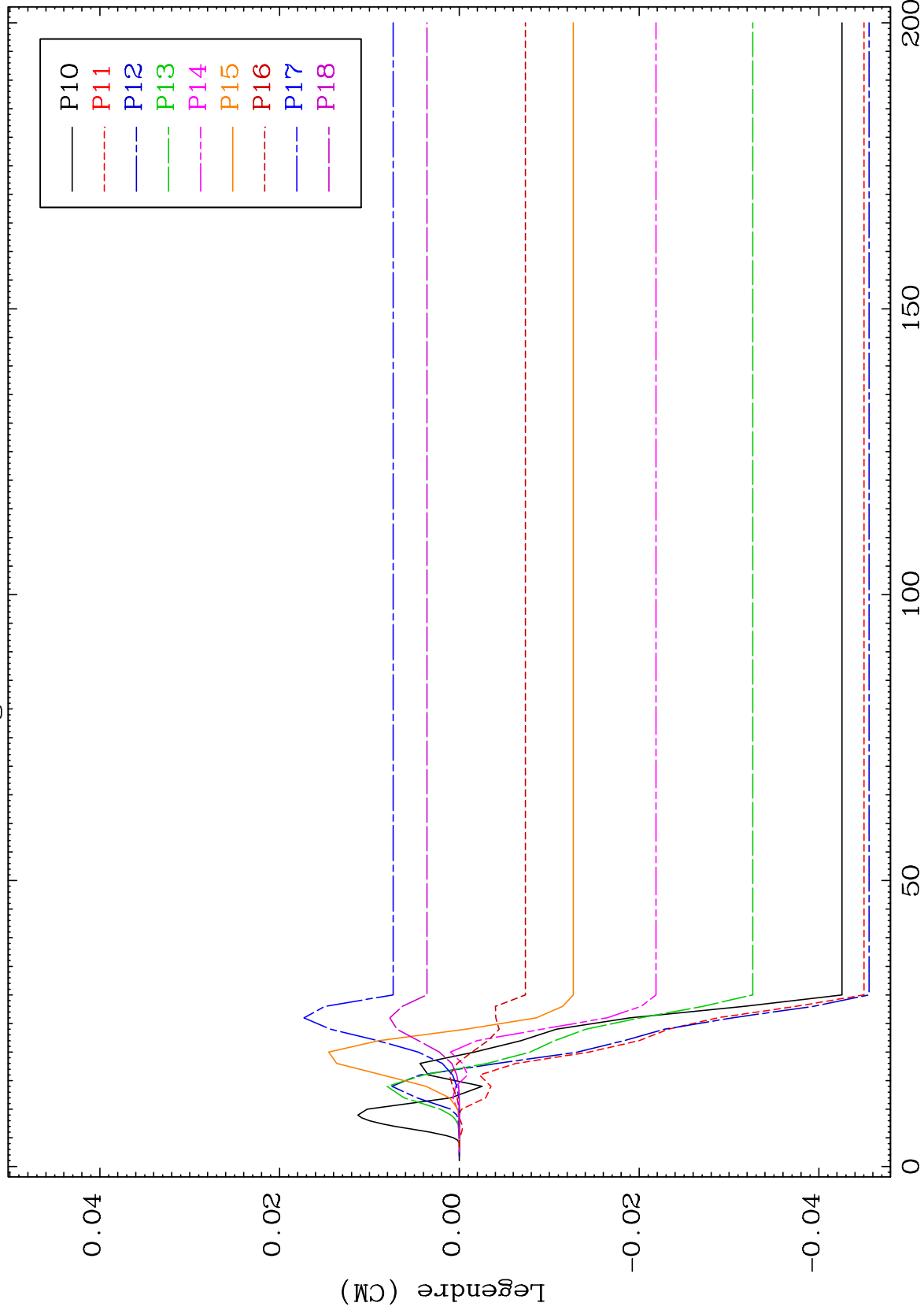




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384.6 keV (n,n') Level
Legendre Coefficients

65-Tb-146



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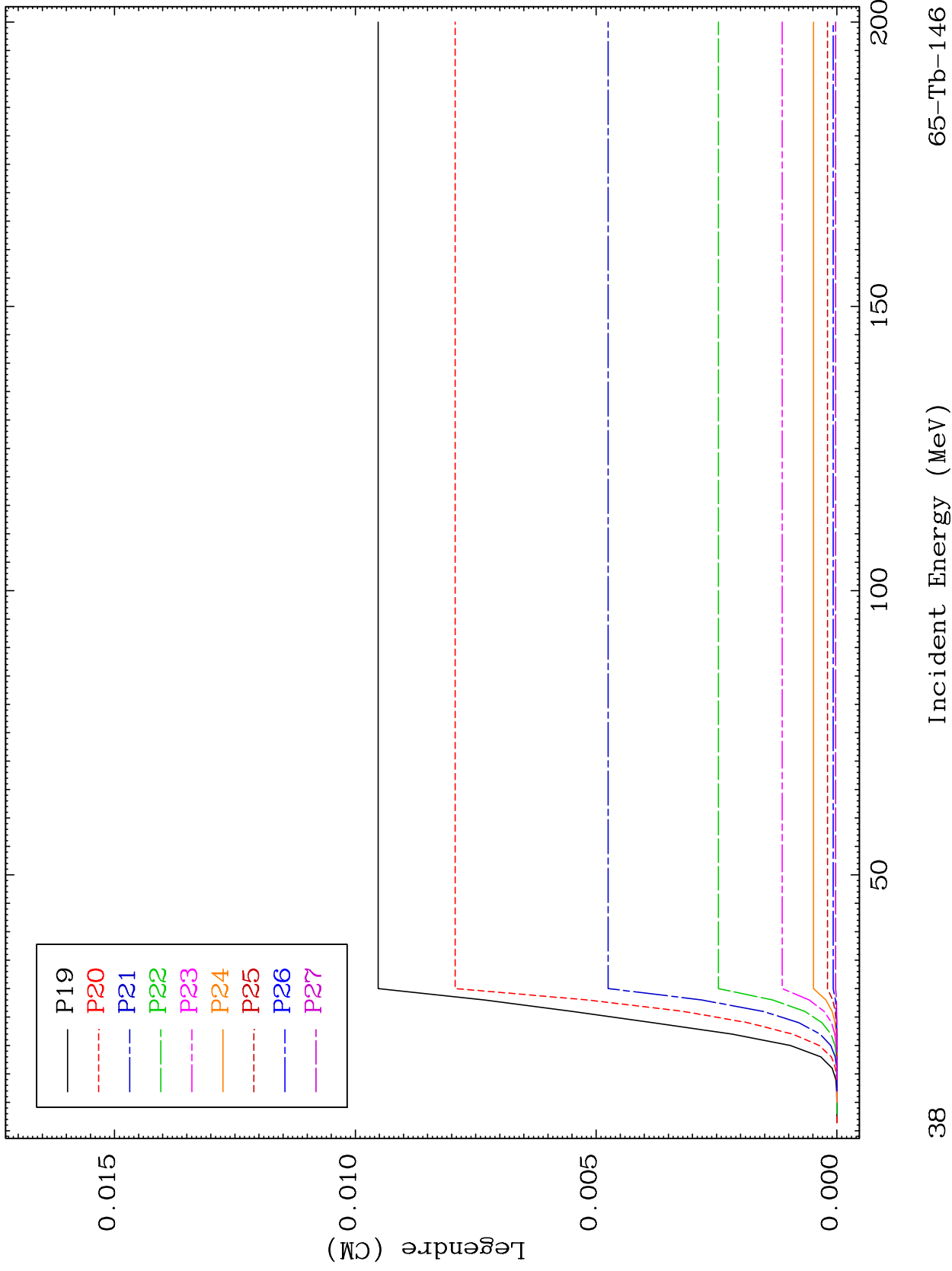
Incident Energy (MeV)

65-Tb-146

MAT 6486

384.6 keV (n,n') Level
Legendre Coefficients

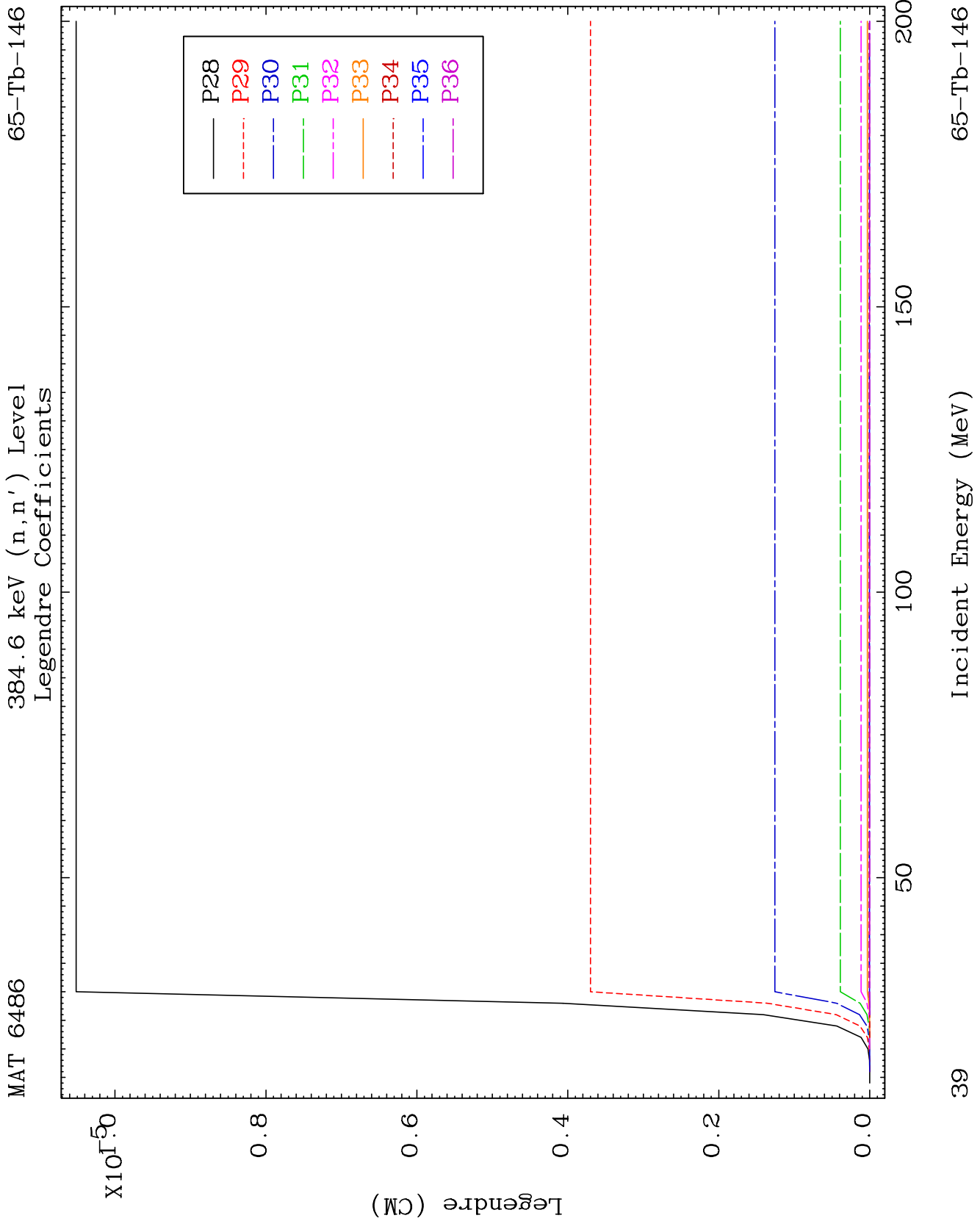
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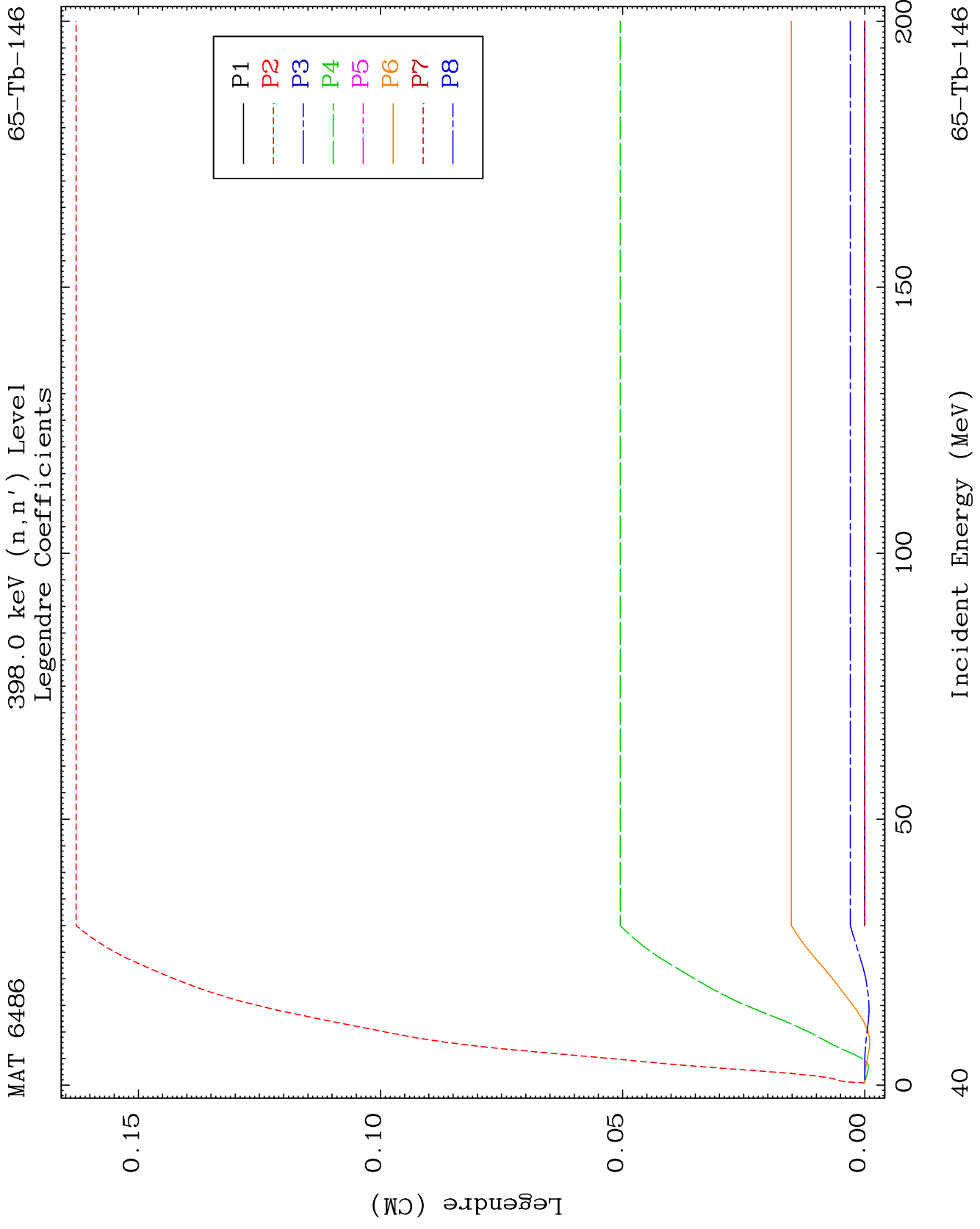


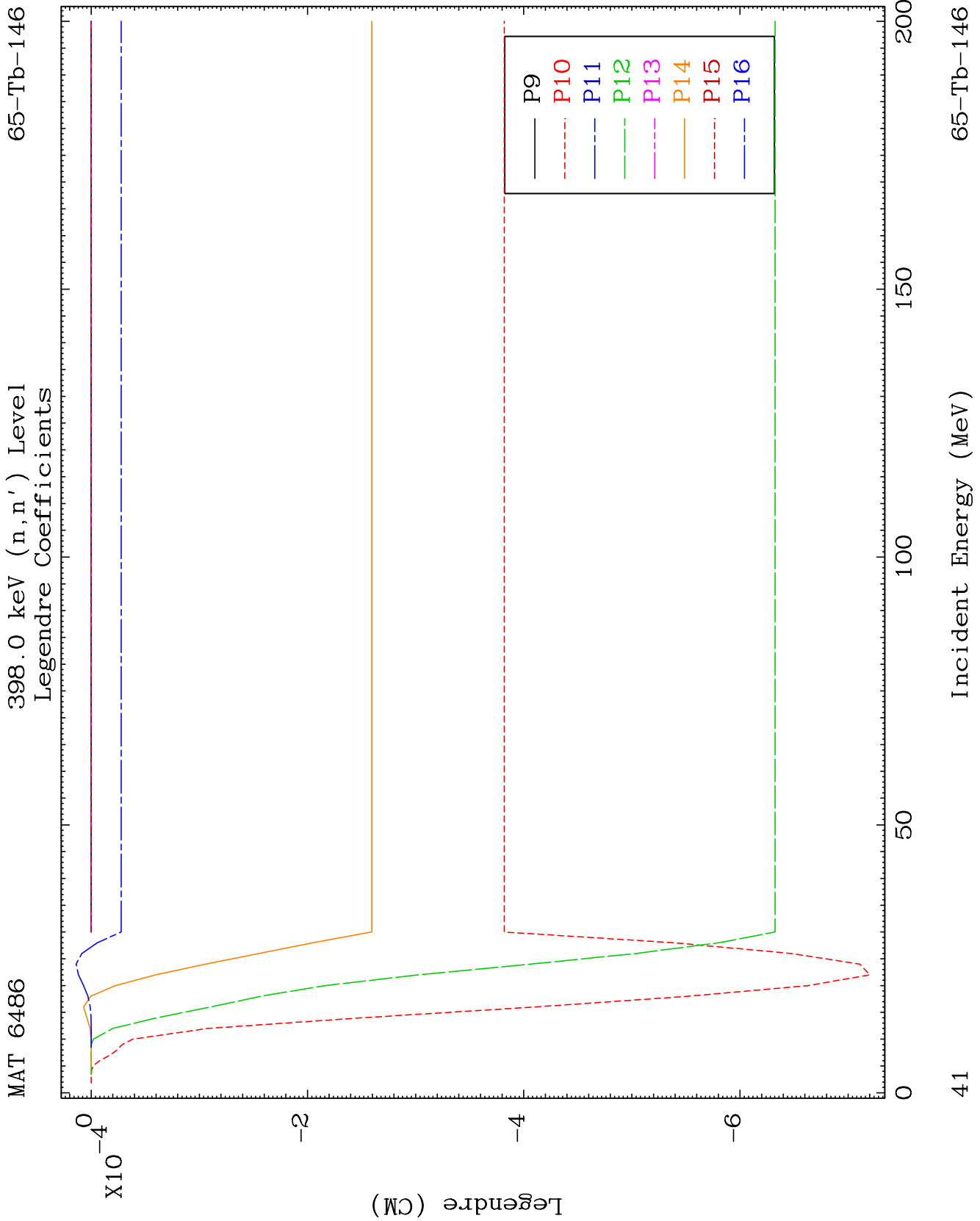
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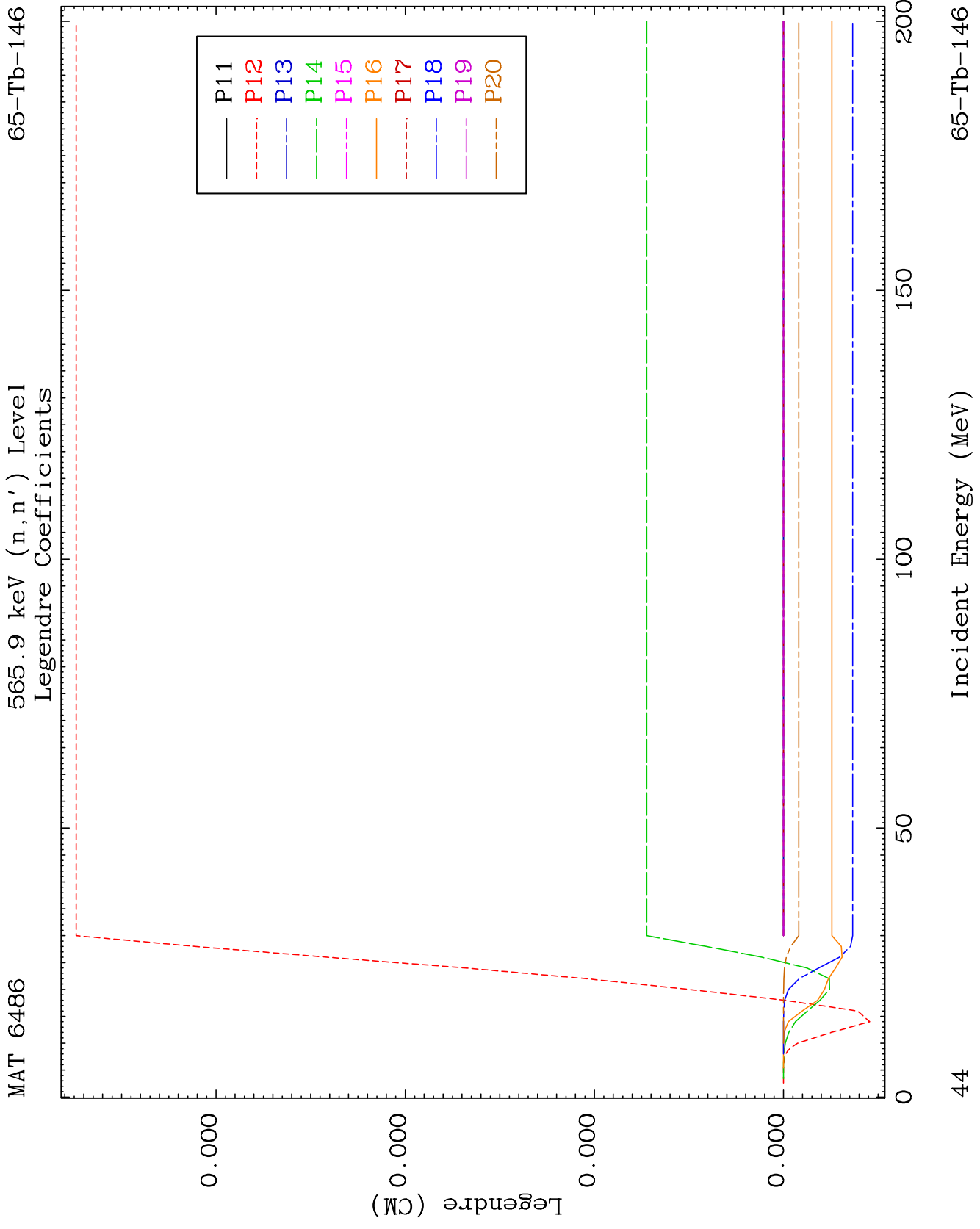
Incident Energy (MeV)

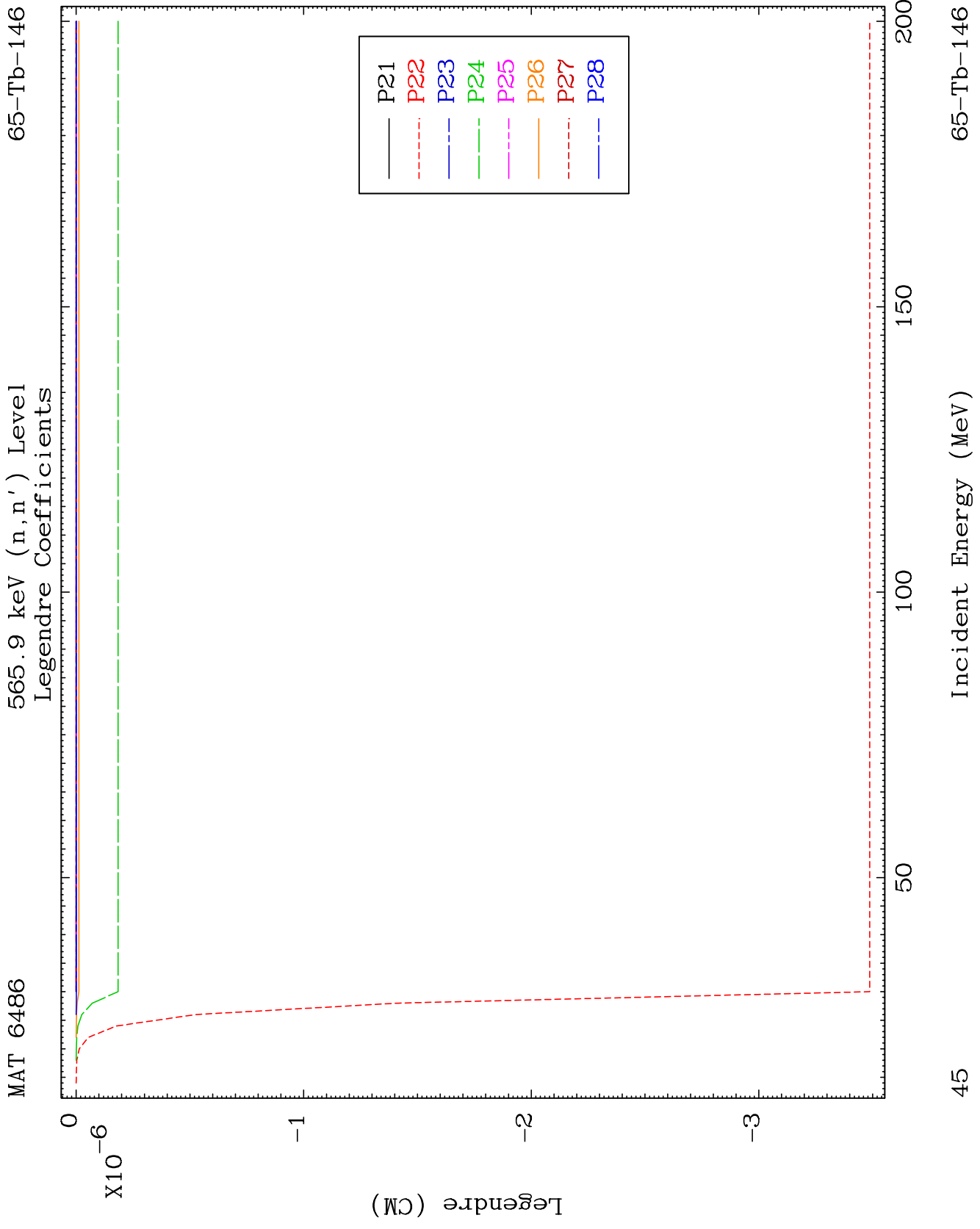
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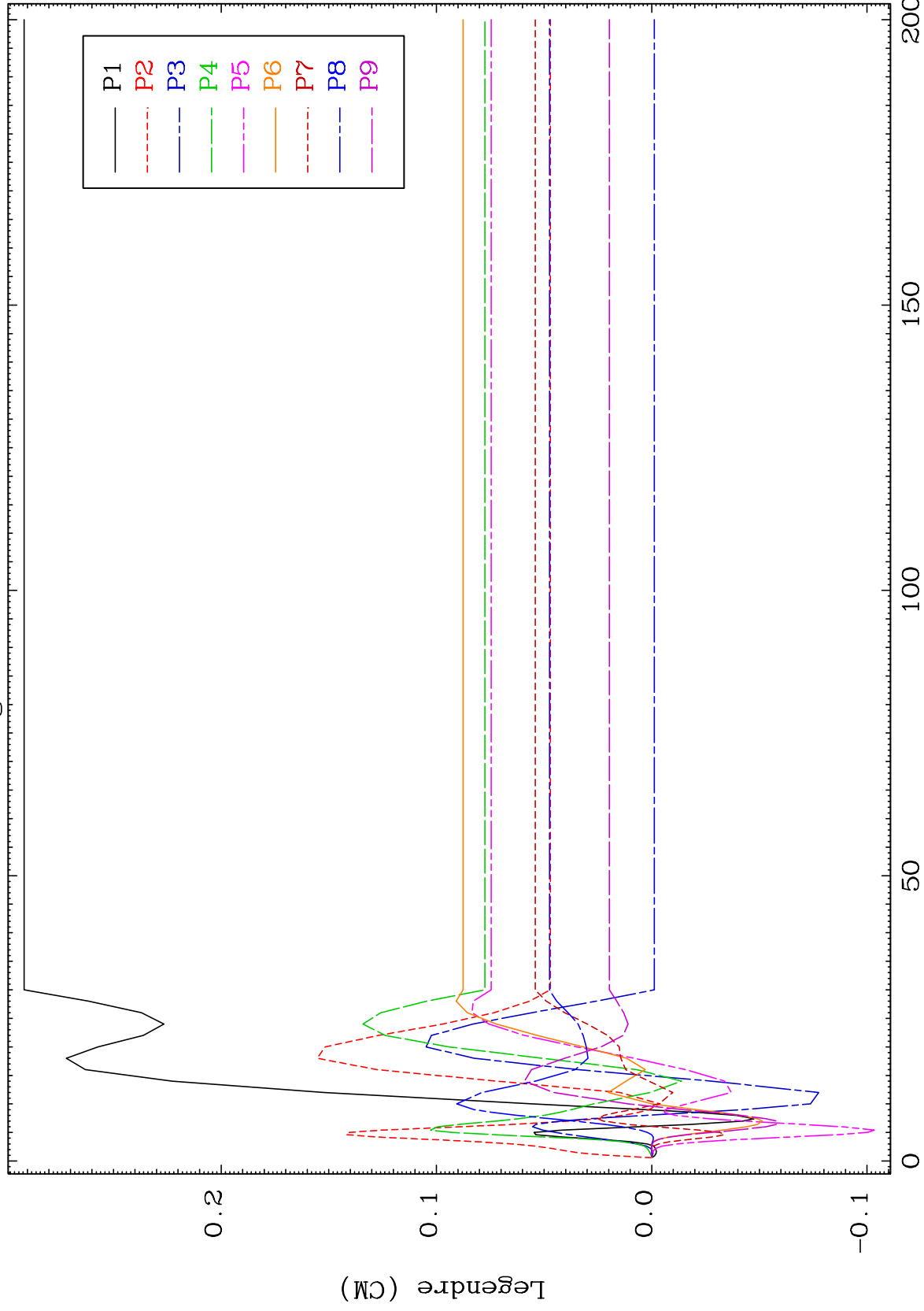




MAT 6486

574.9 keV (n,n') Level
Legendre Coefficients

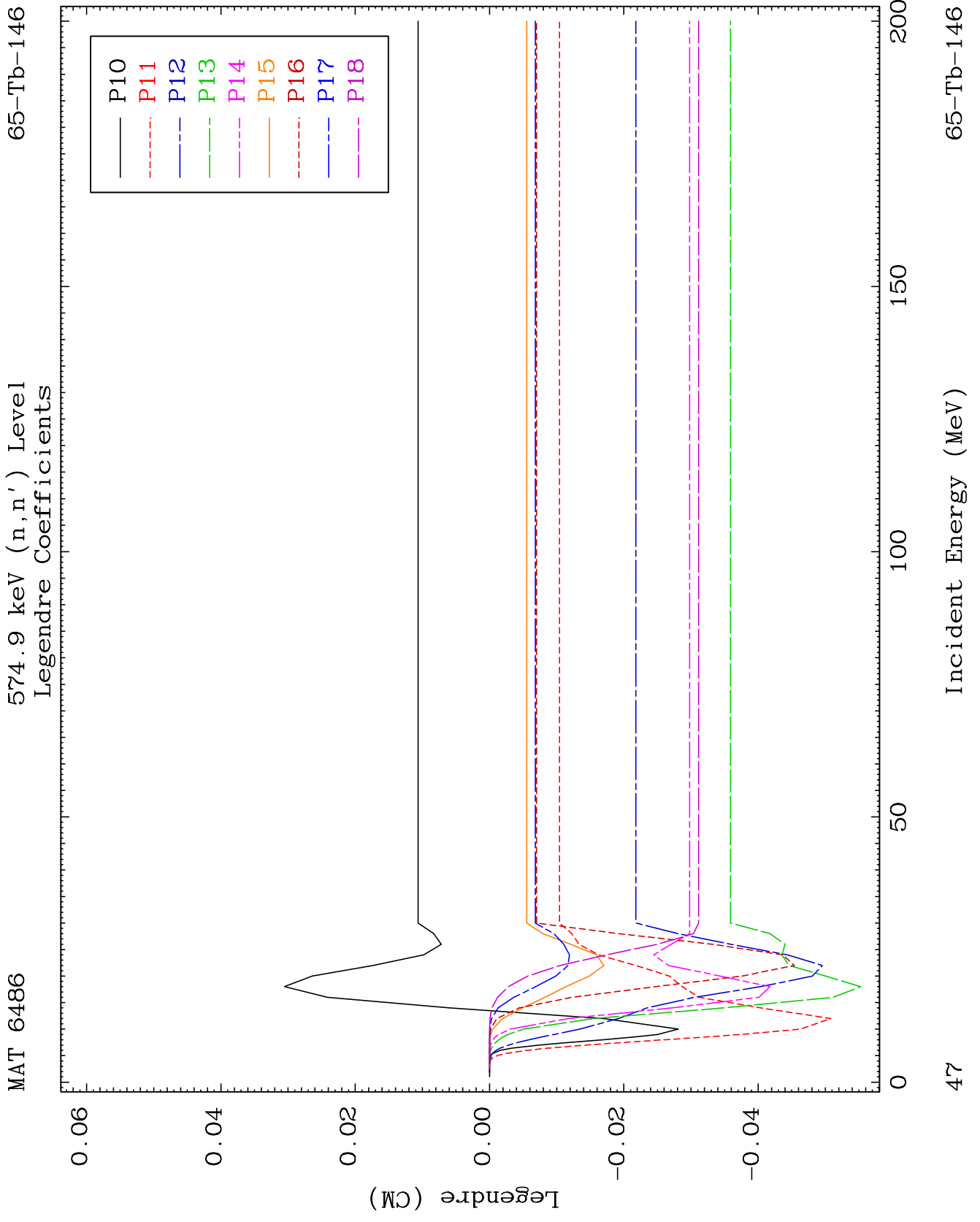
65-Tb-146



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Incident Energy (MeV)

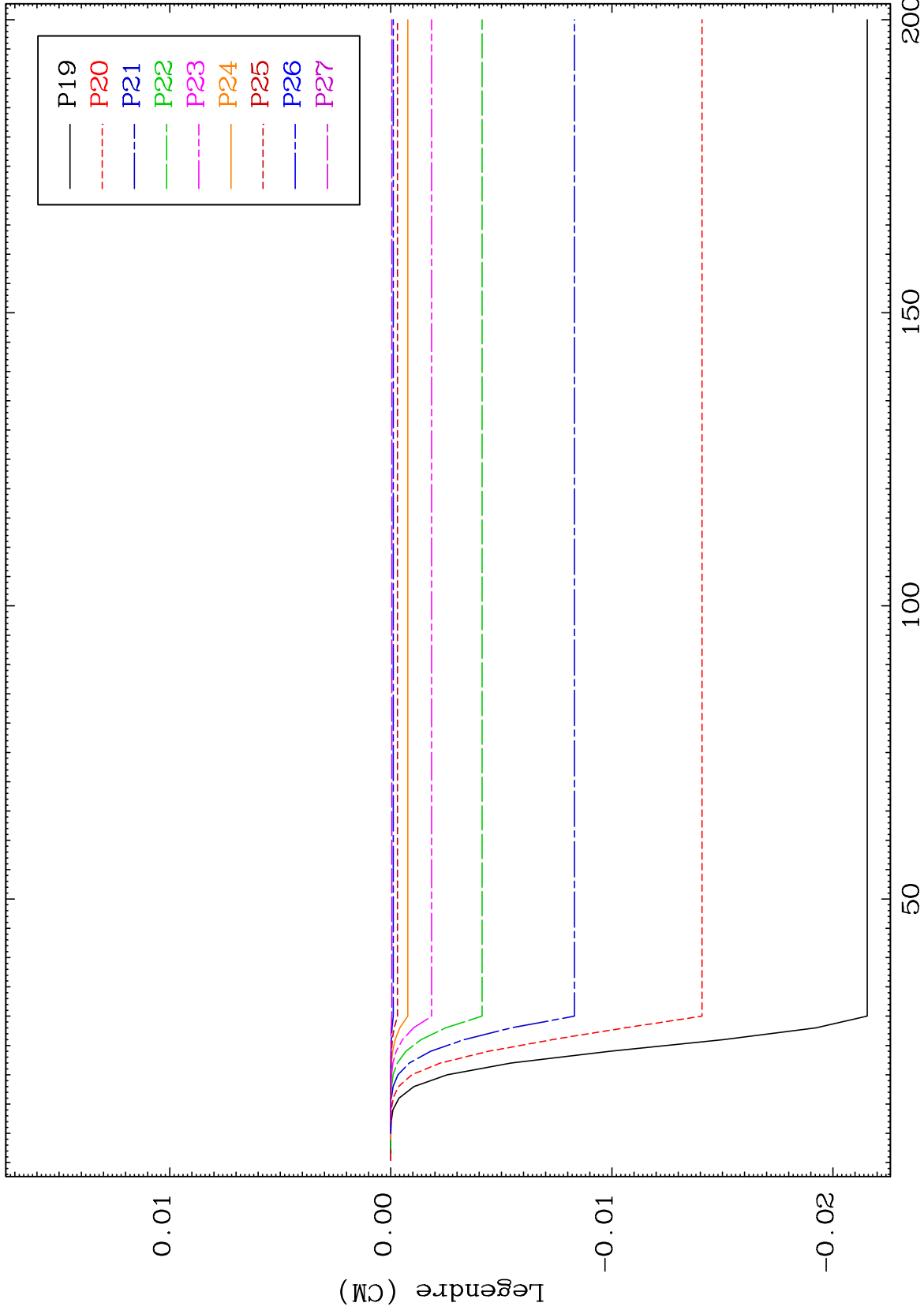
65-Tb-146



MAT 6486

574.9 keV (n,n') Level
Legendre Coefficients

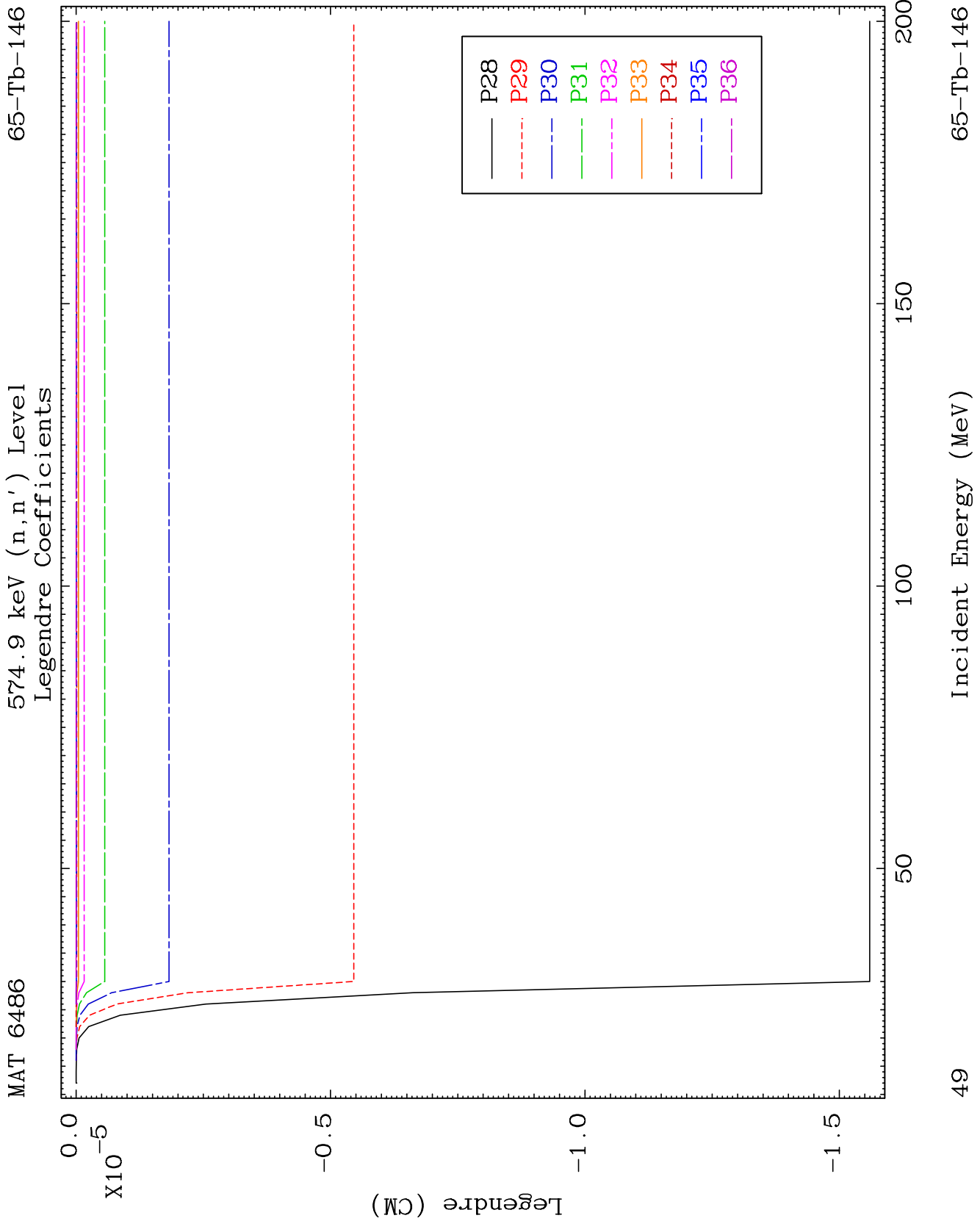
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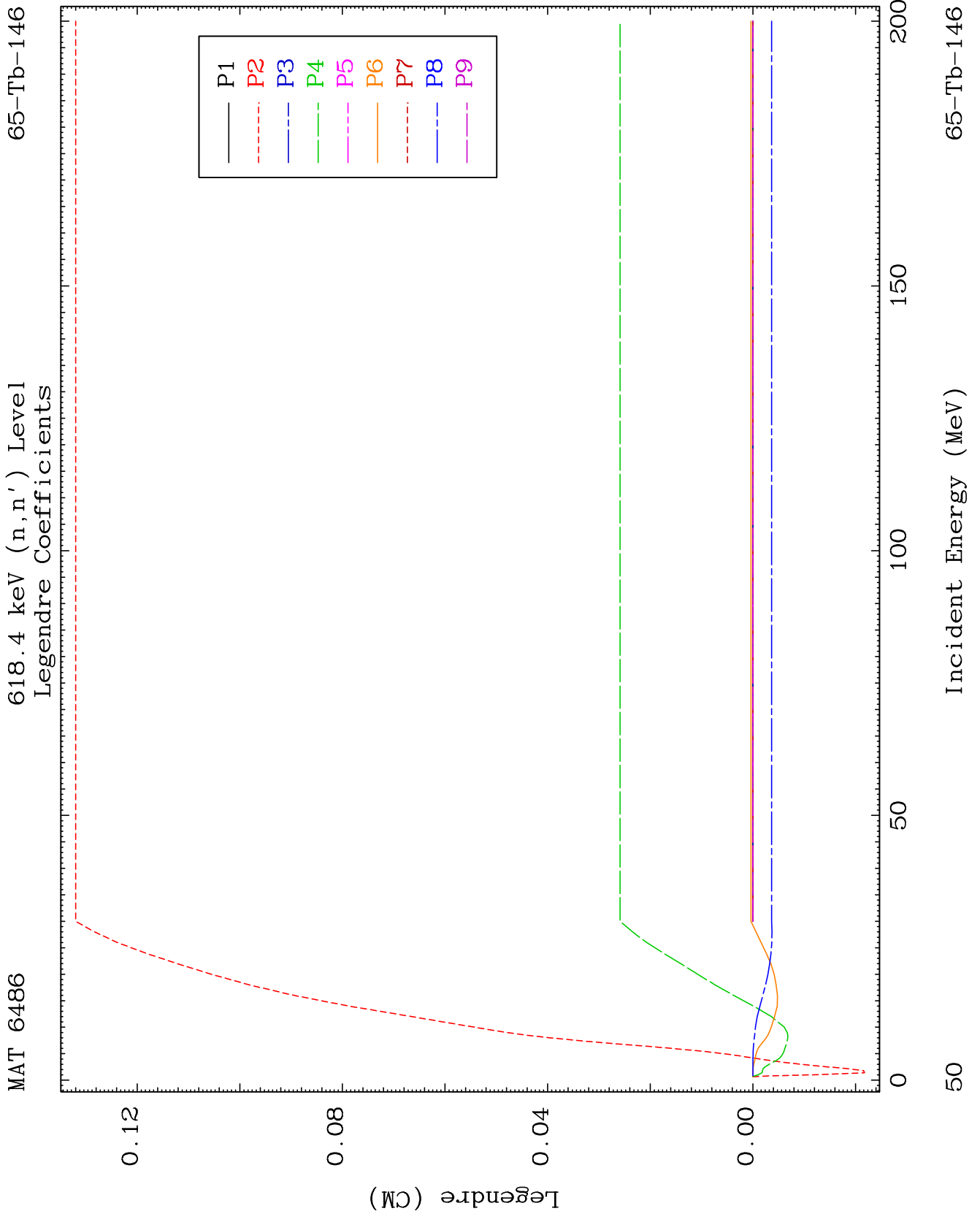


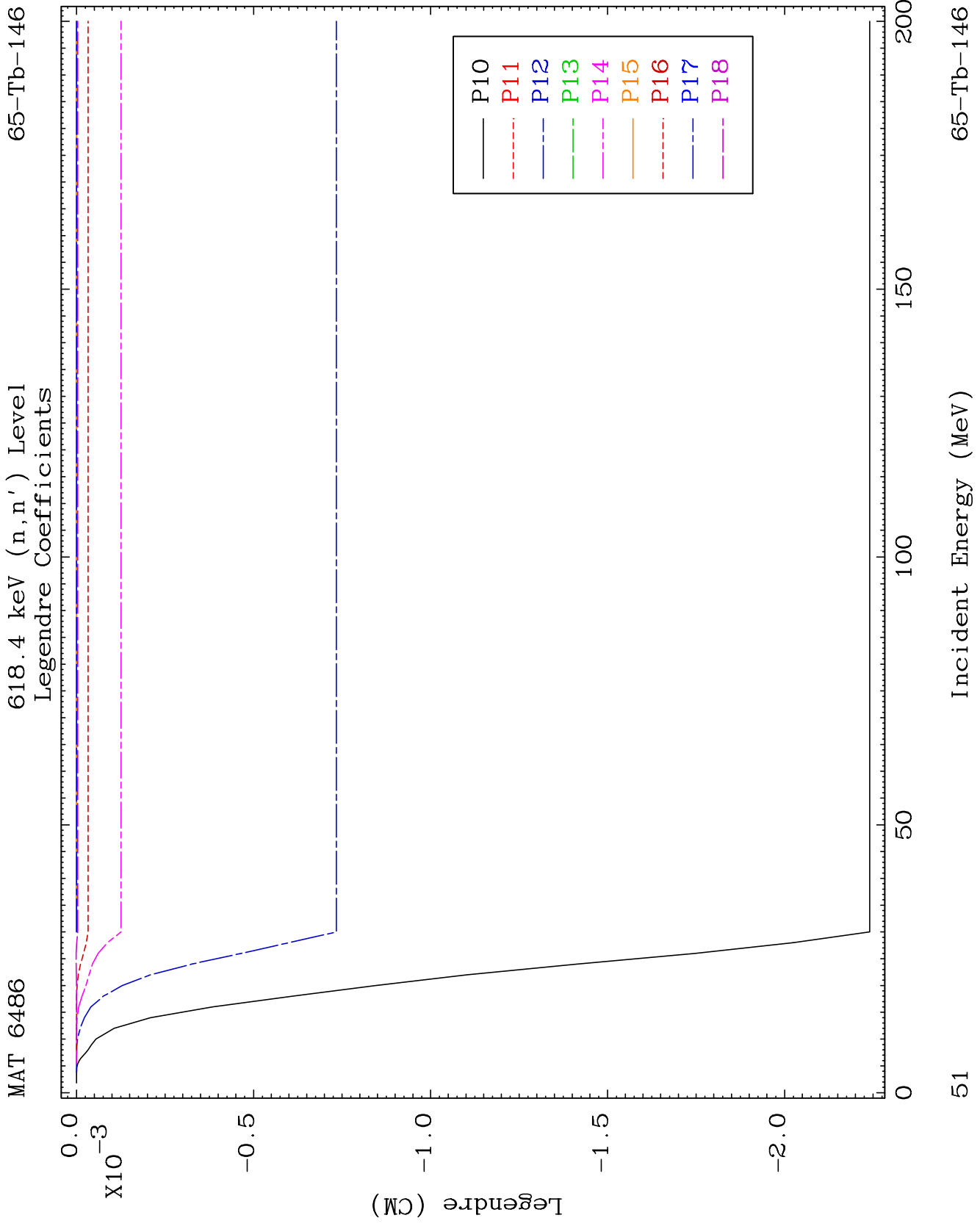
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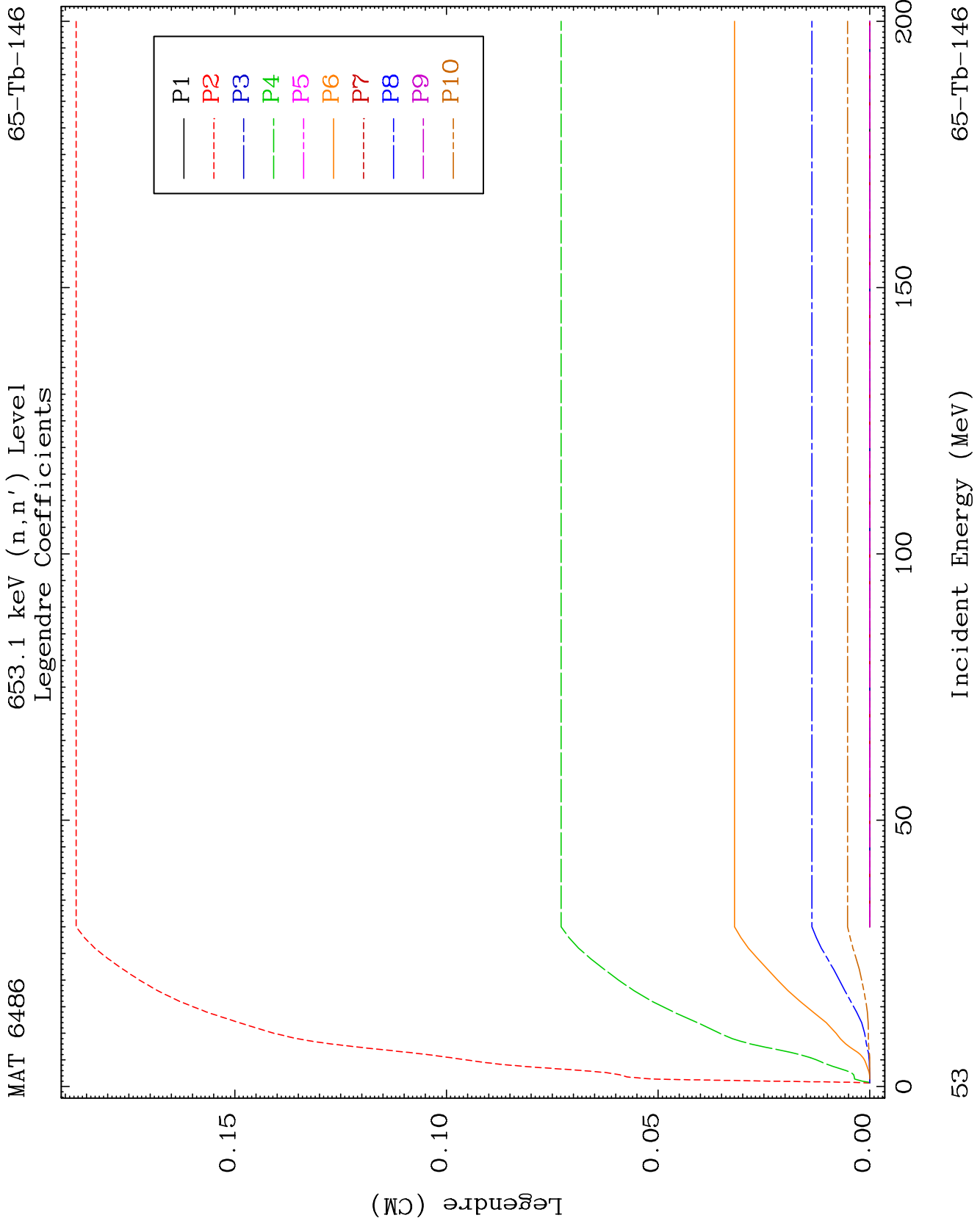
Incident Energy (MeV)

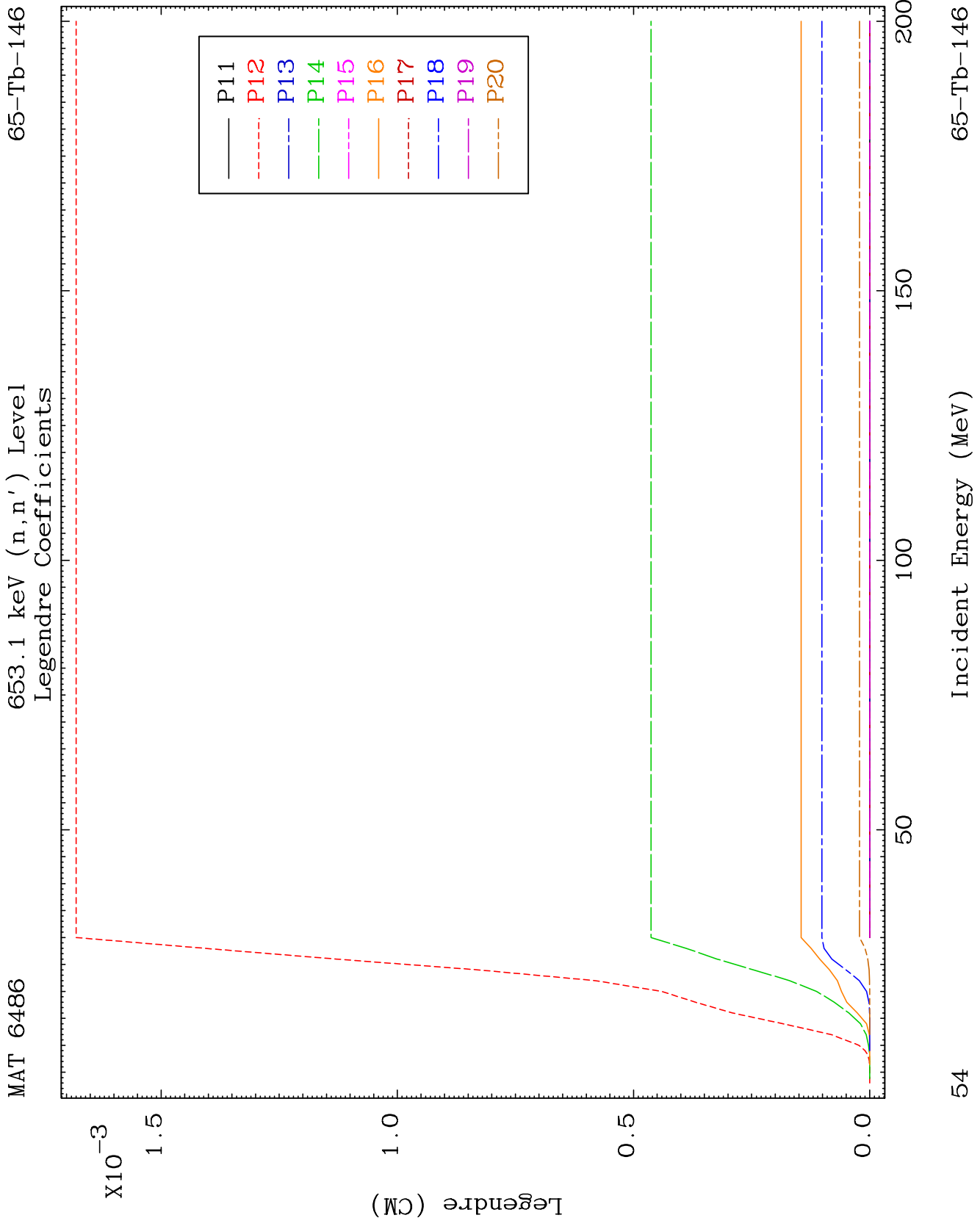
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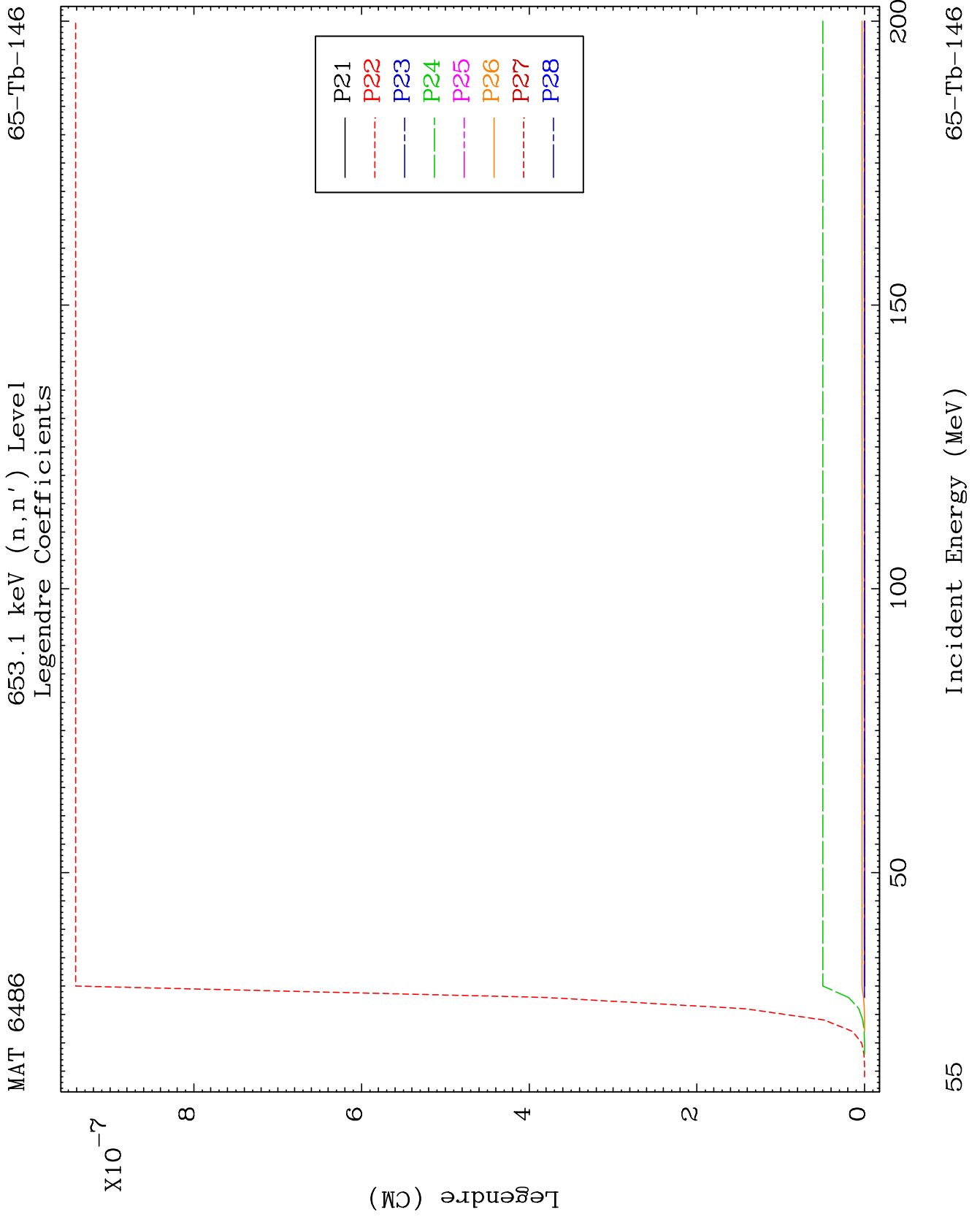


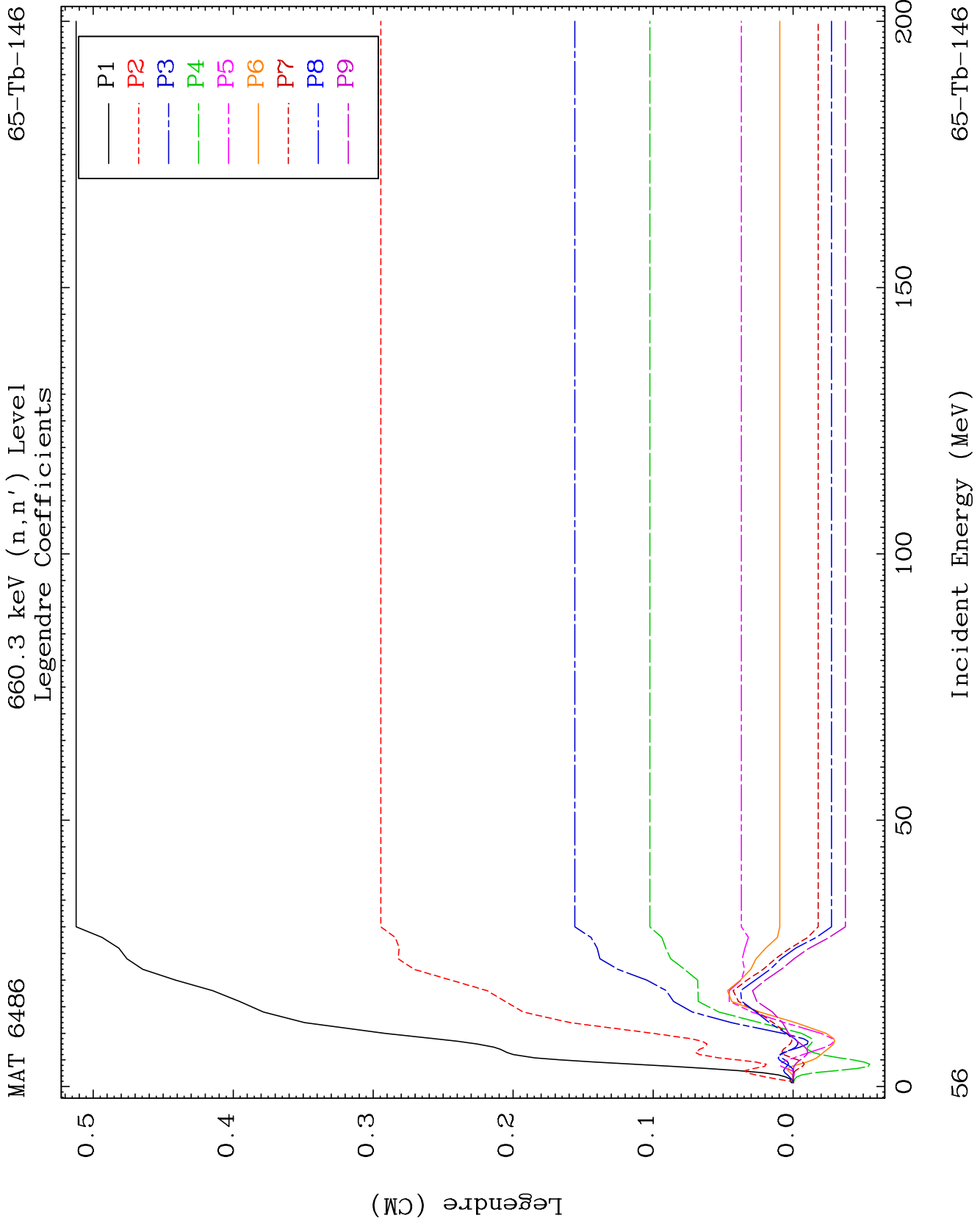








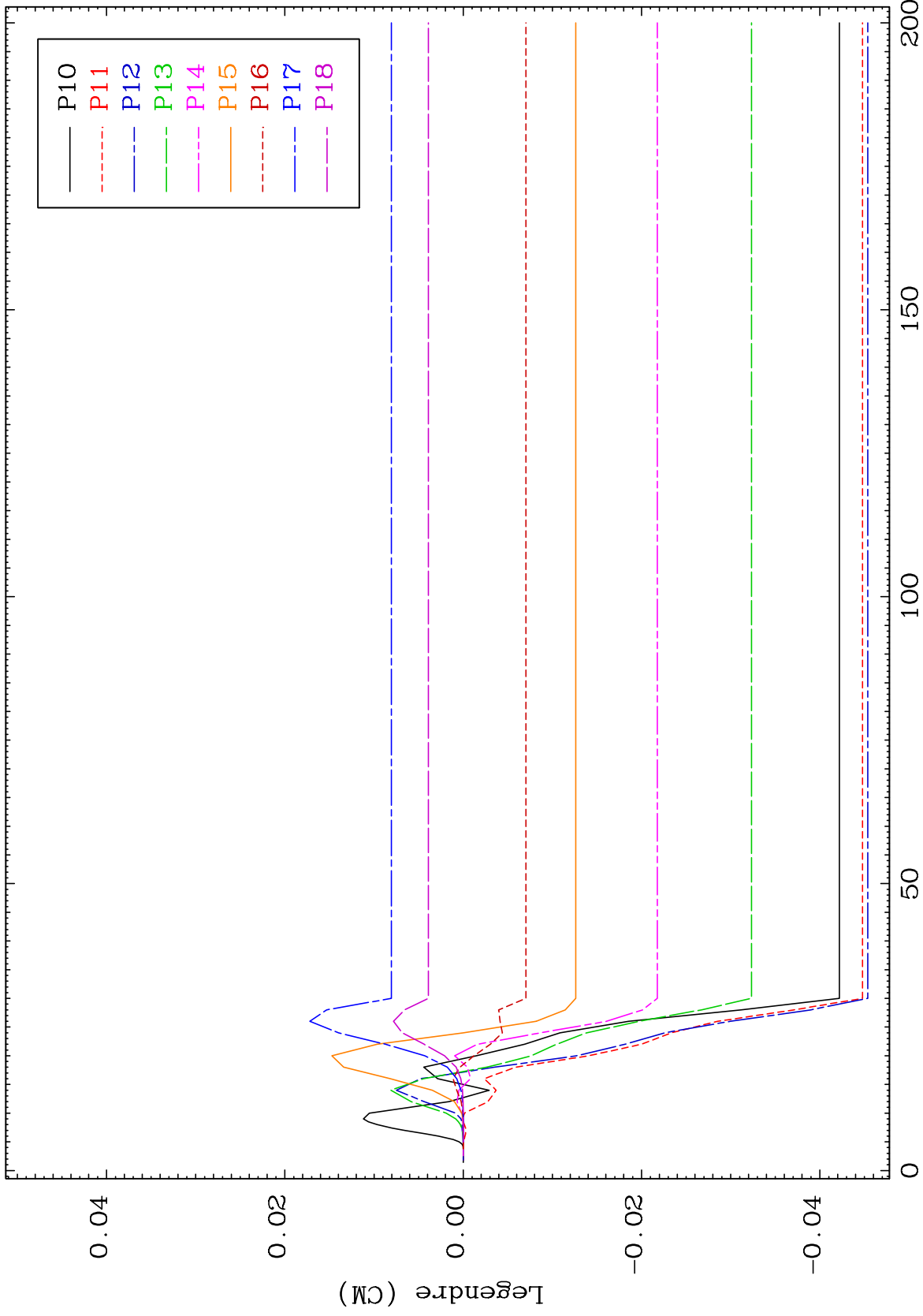




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660.3 keV (n,n') Level
Legendre Coefficients

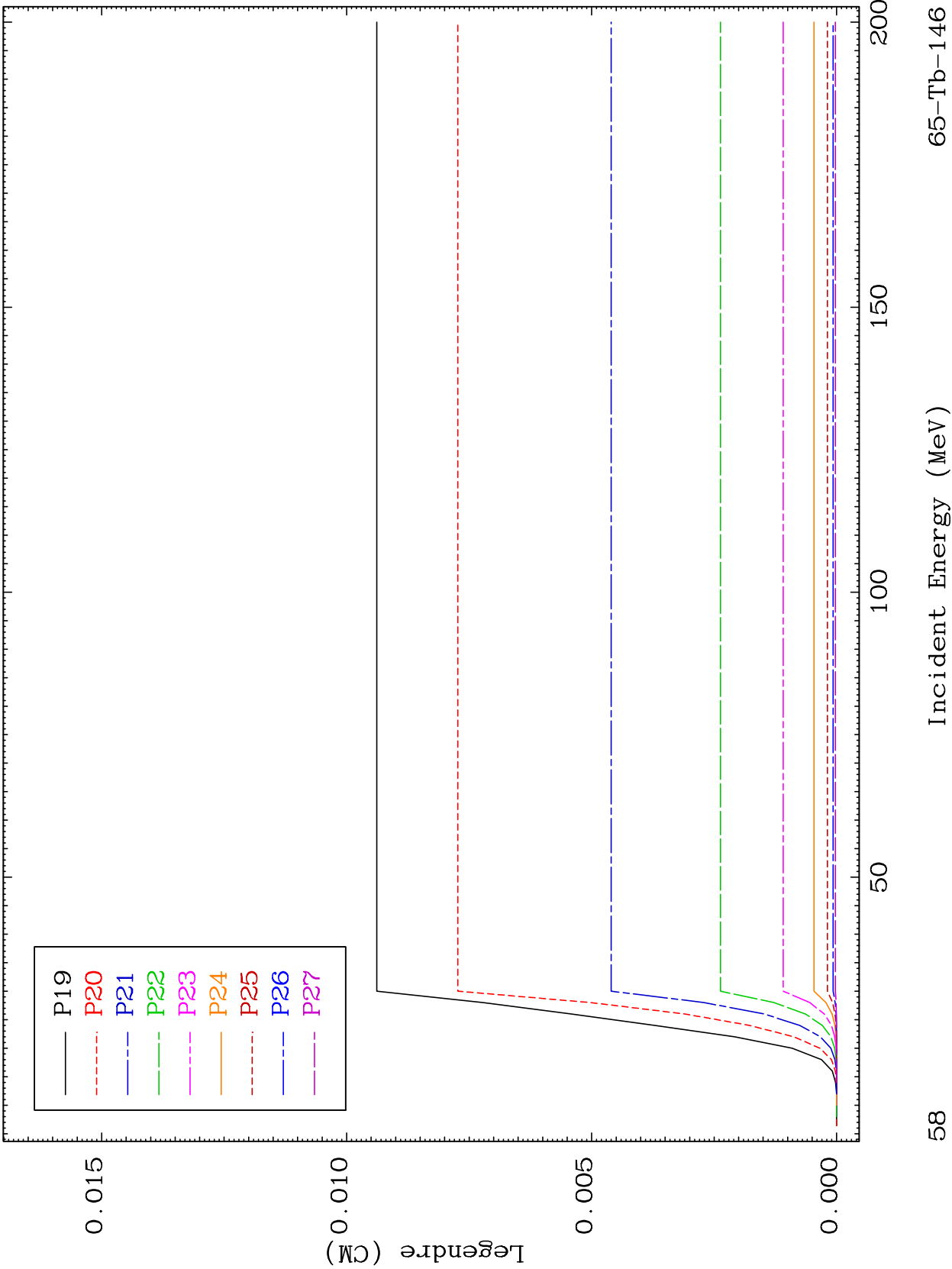
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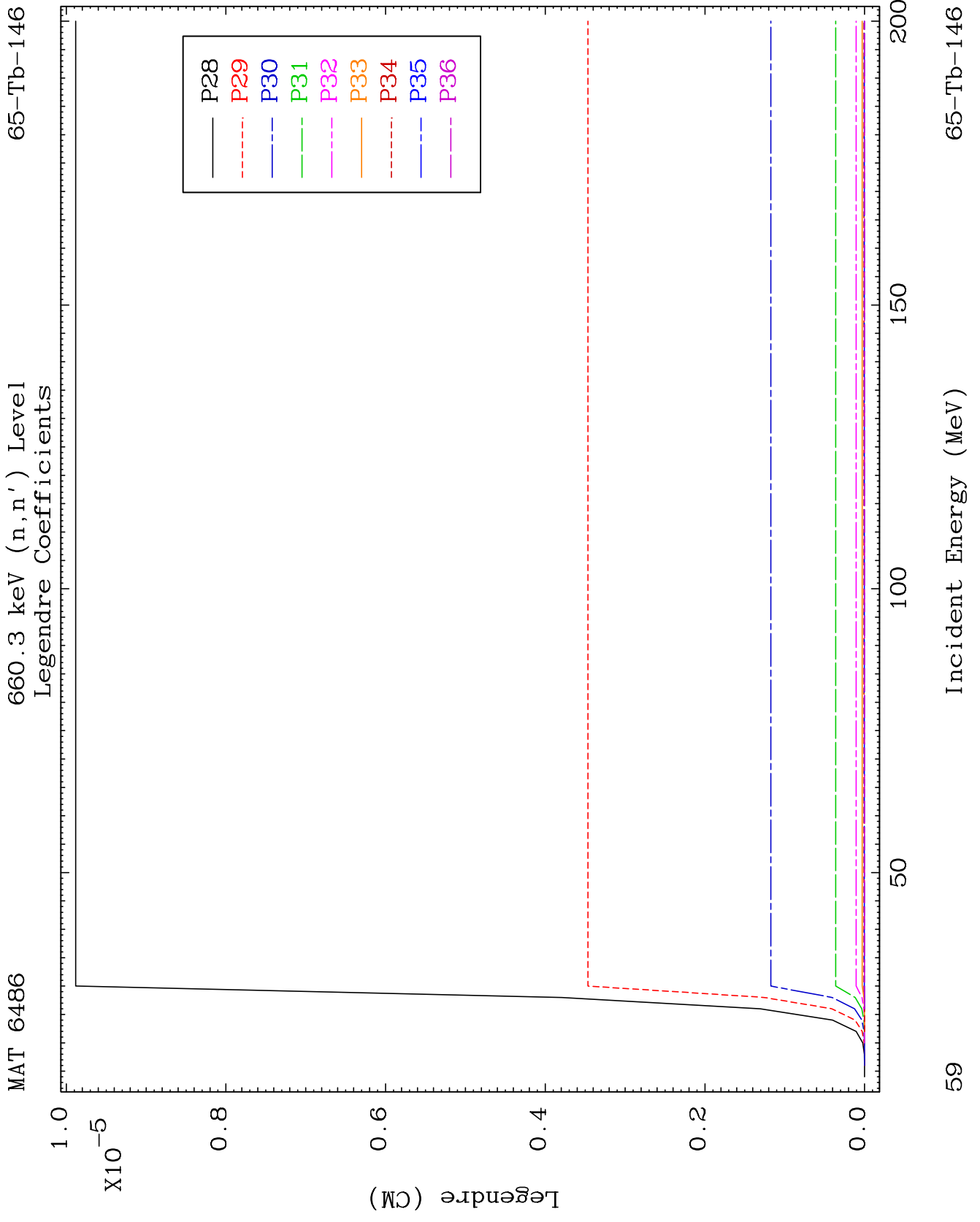


57

Incident Energy (MeV)

65-Tb-146

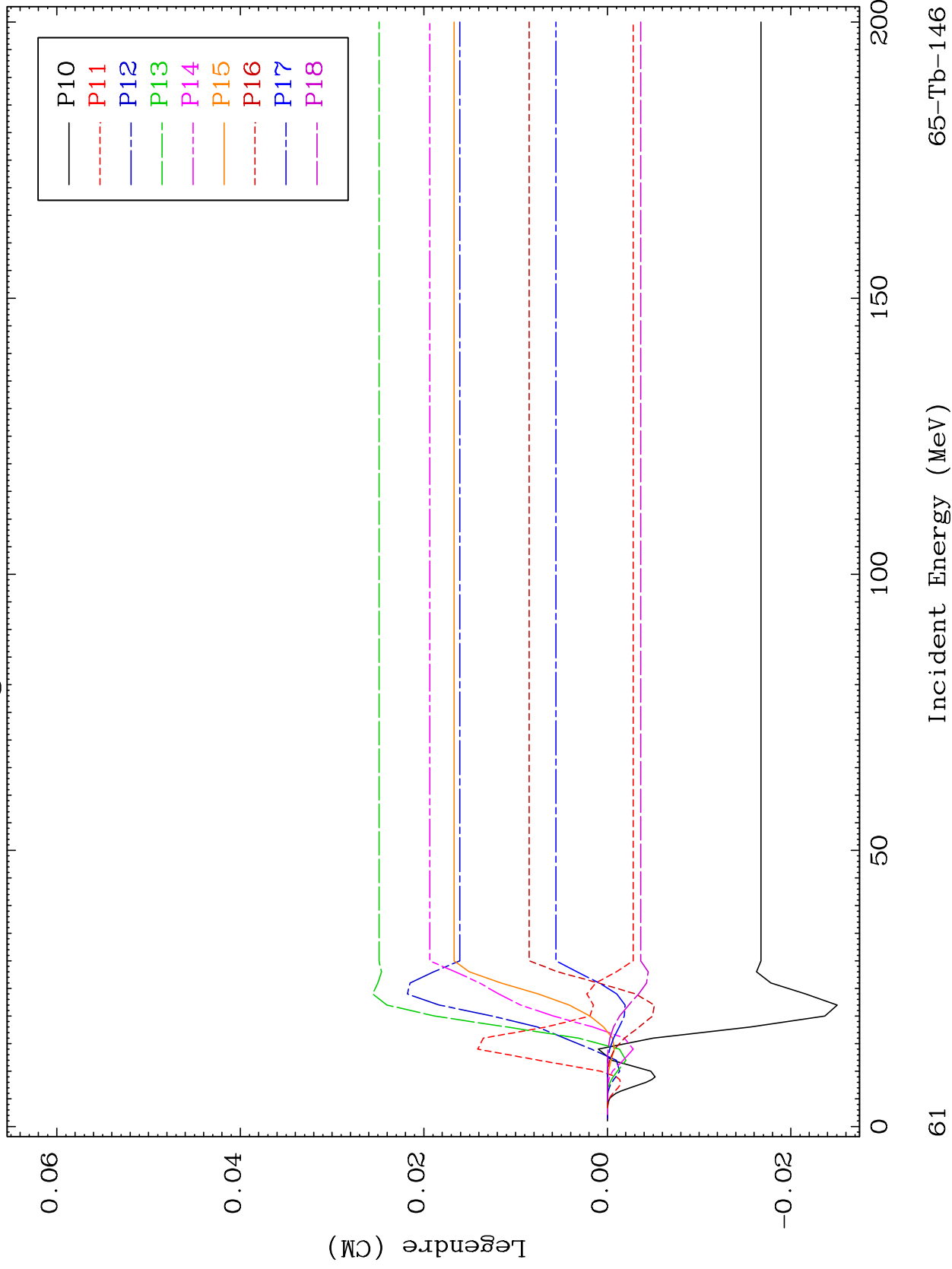




MAT 6486

664.8 keV (n,n') Level
Legendre Coefficients

65-Tb-146



61

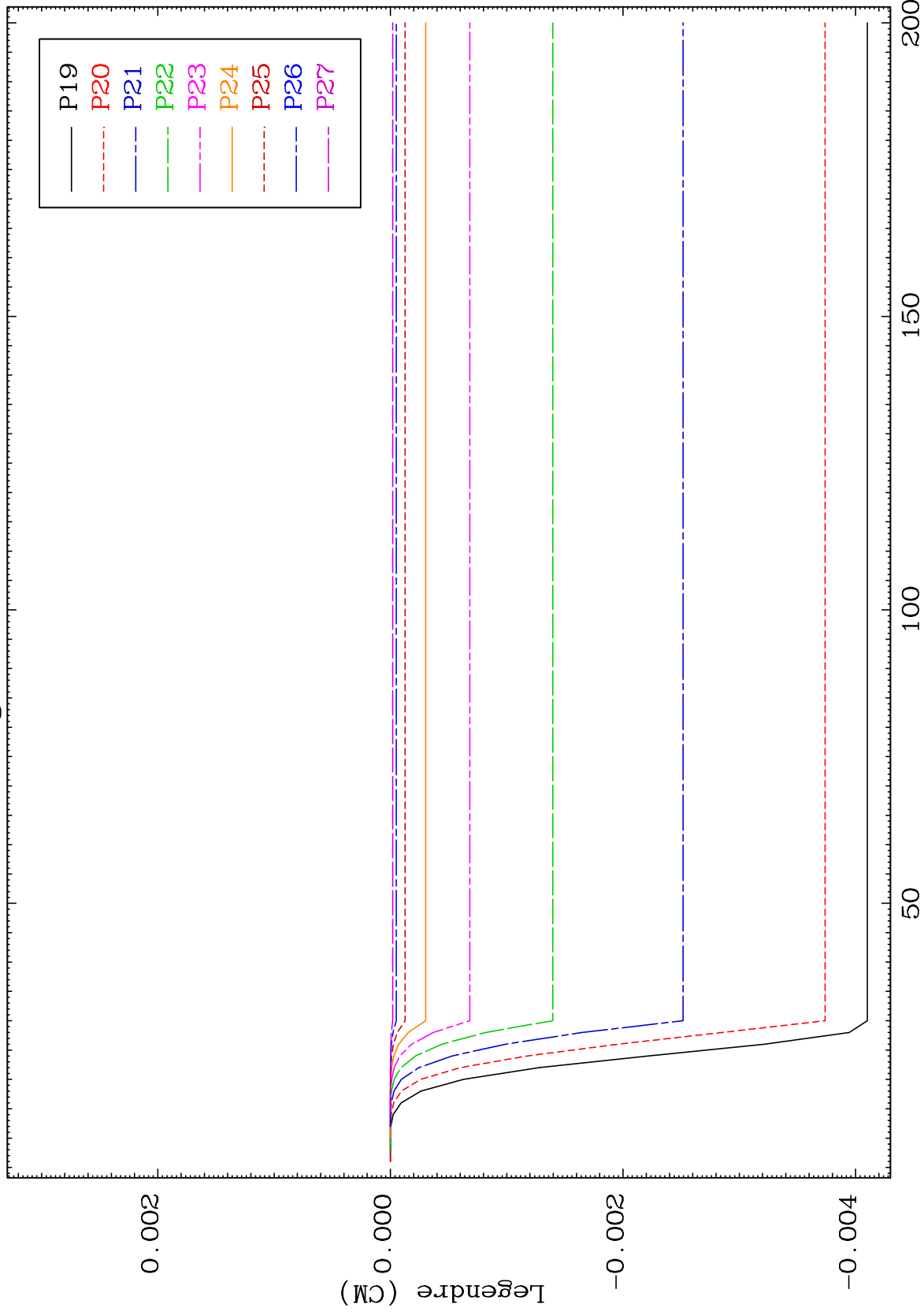
Incident Energy (MeV)

65-Tb-146

MAT 6486

664.8 keV (n,n') Level
Legendre Coefficients

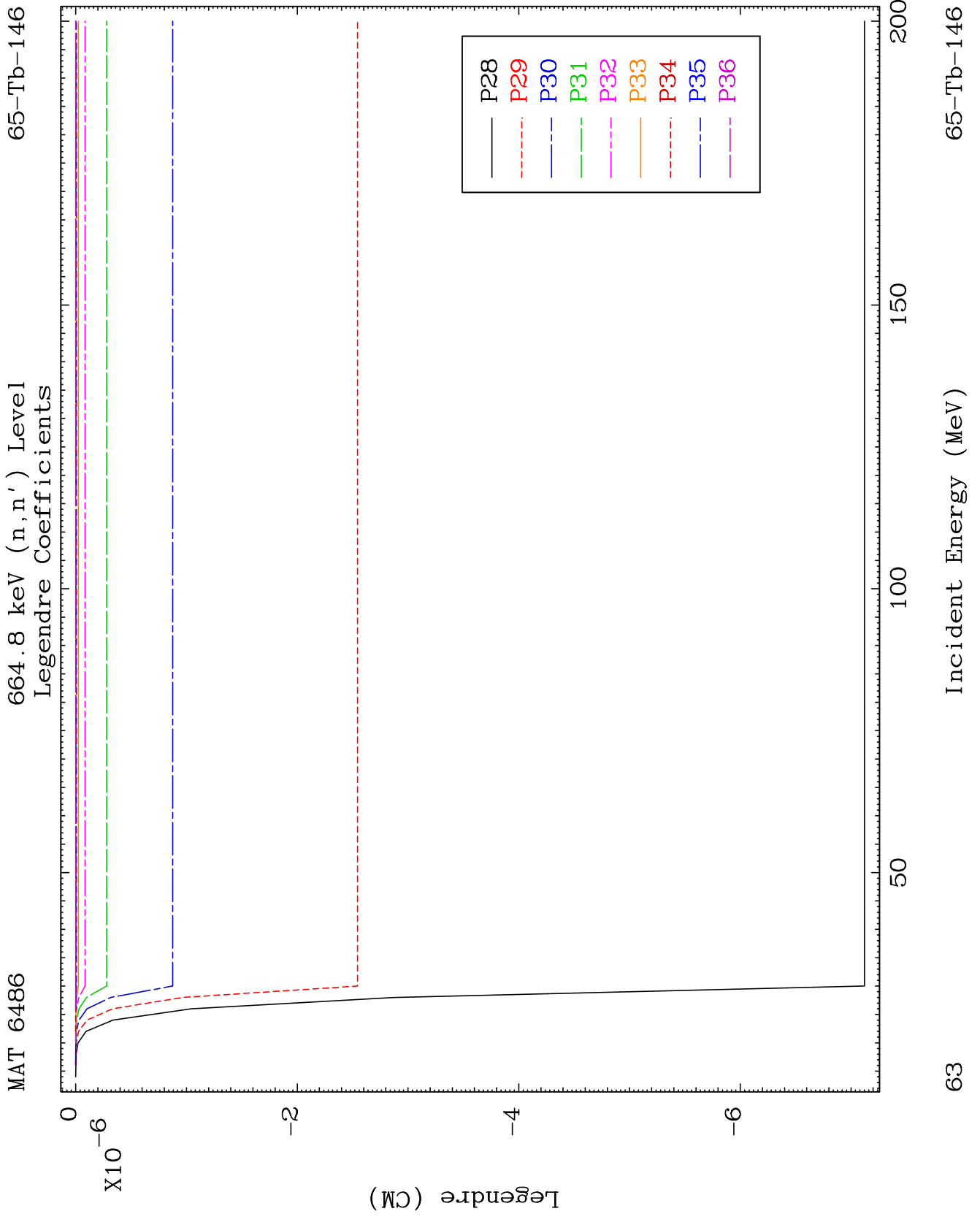
65-Tb-146



62

Incident Energy (MeV)

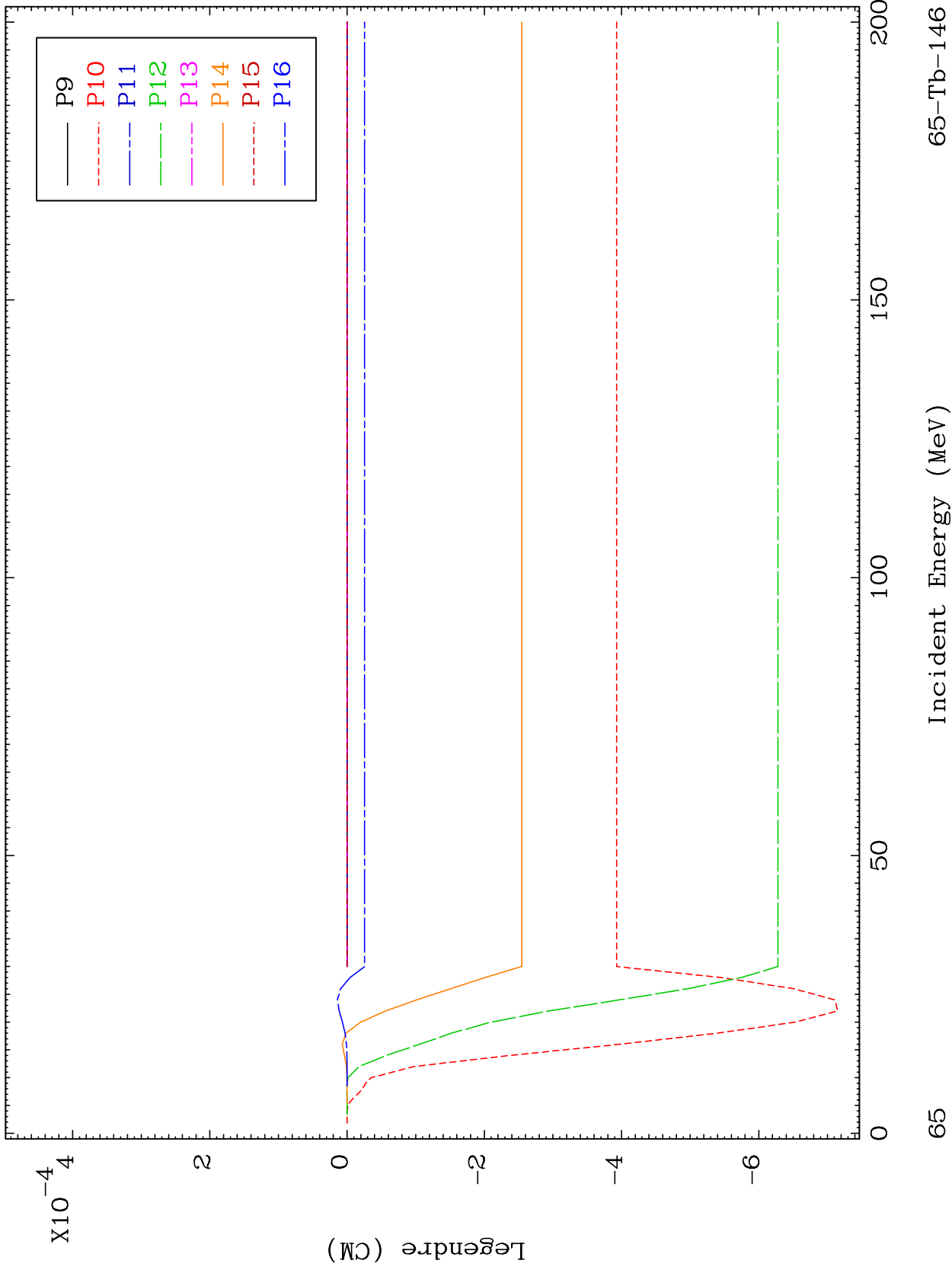
65-Tb-146



MAT 6486

682.1 keV (n,n') Level
Legendre Coefficients

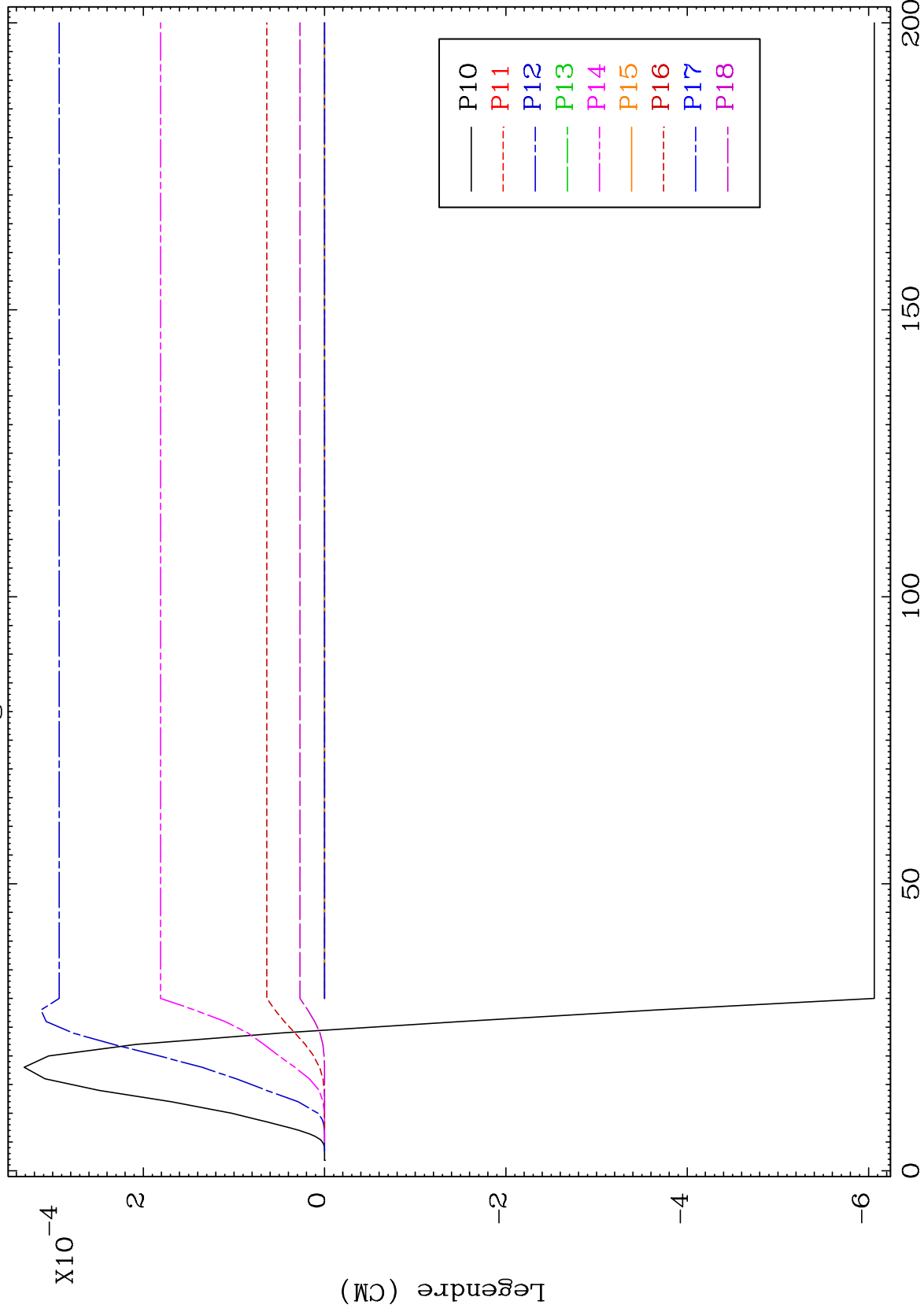
65-Tb-146



MAT 6486

920.0 keV (n,n') Level
Legendre Coefficients

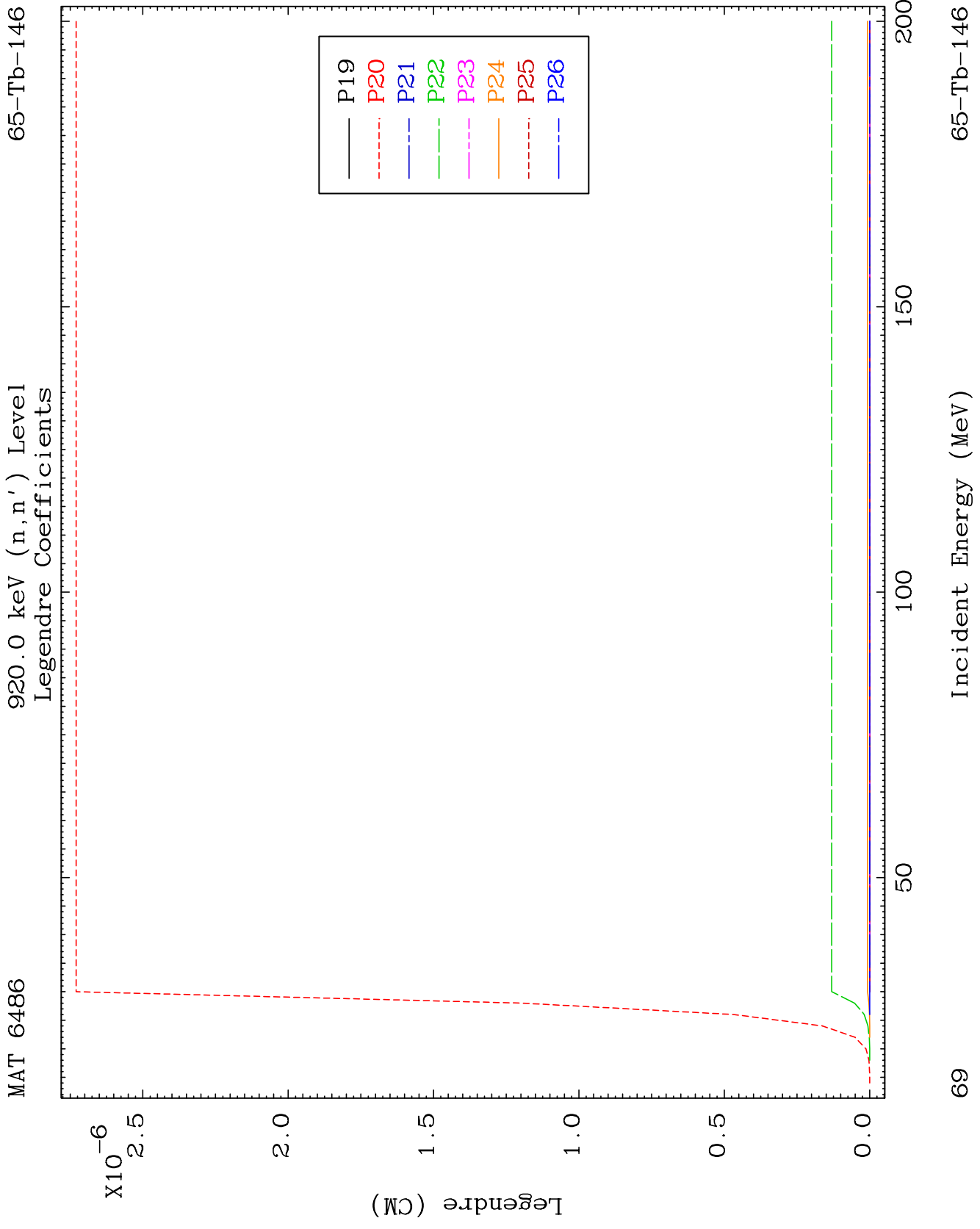
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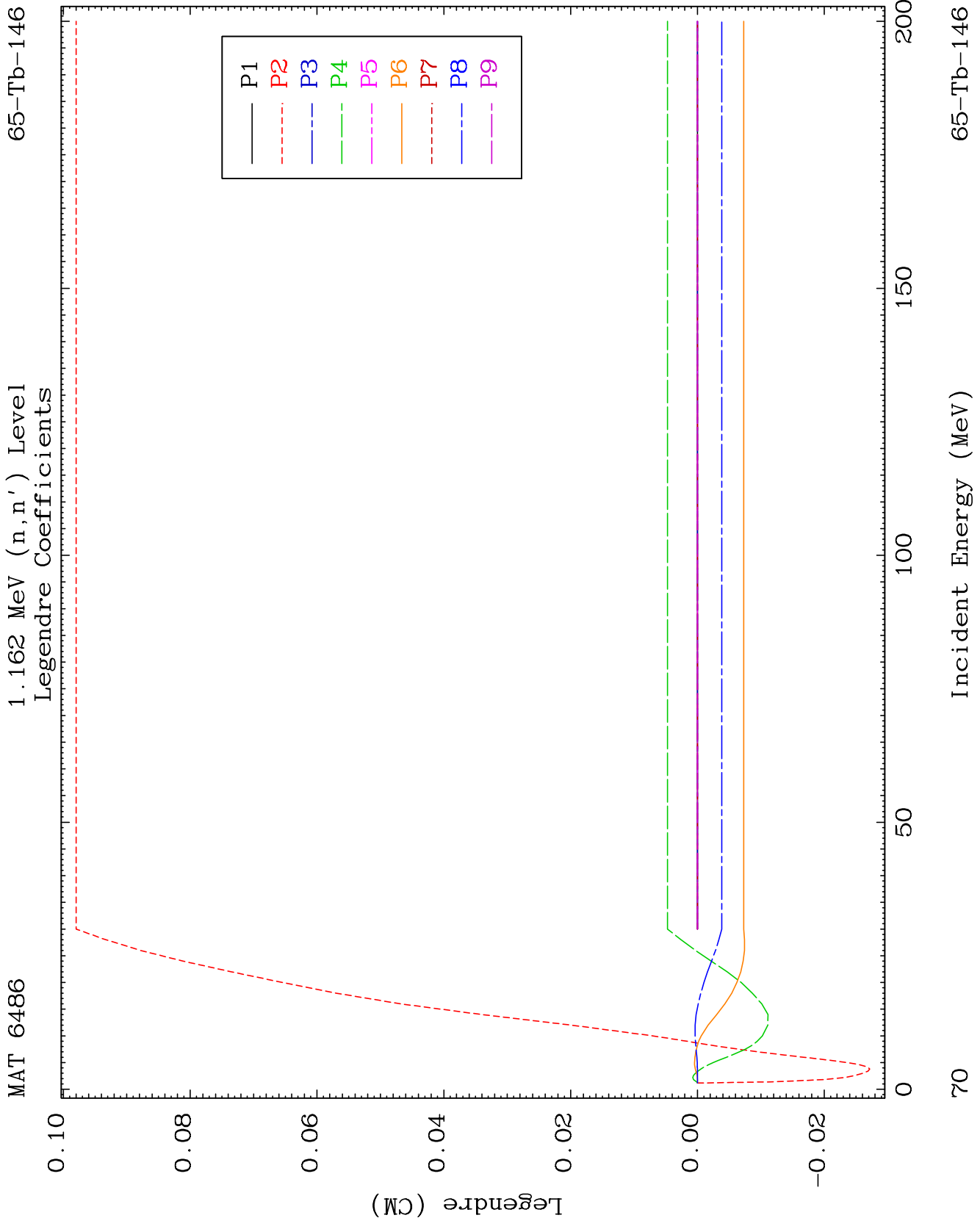


68

Incident Energy (MeV)

65-Tb-146

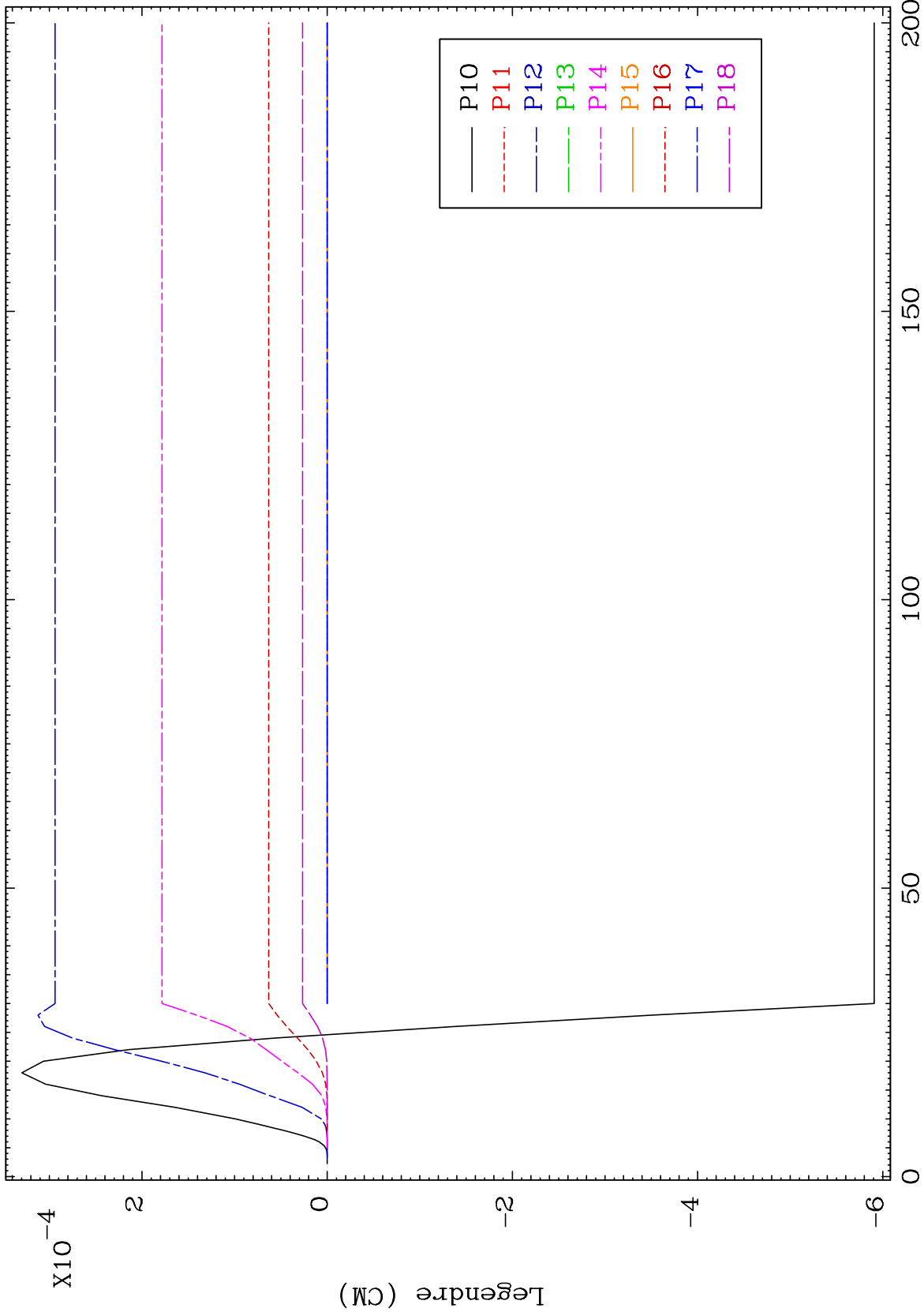




MAT 6486

1.162 MeV (n,n') Level
Legendre Coefficients

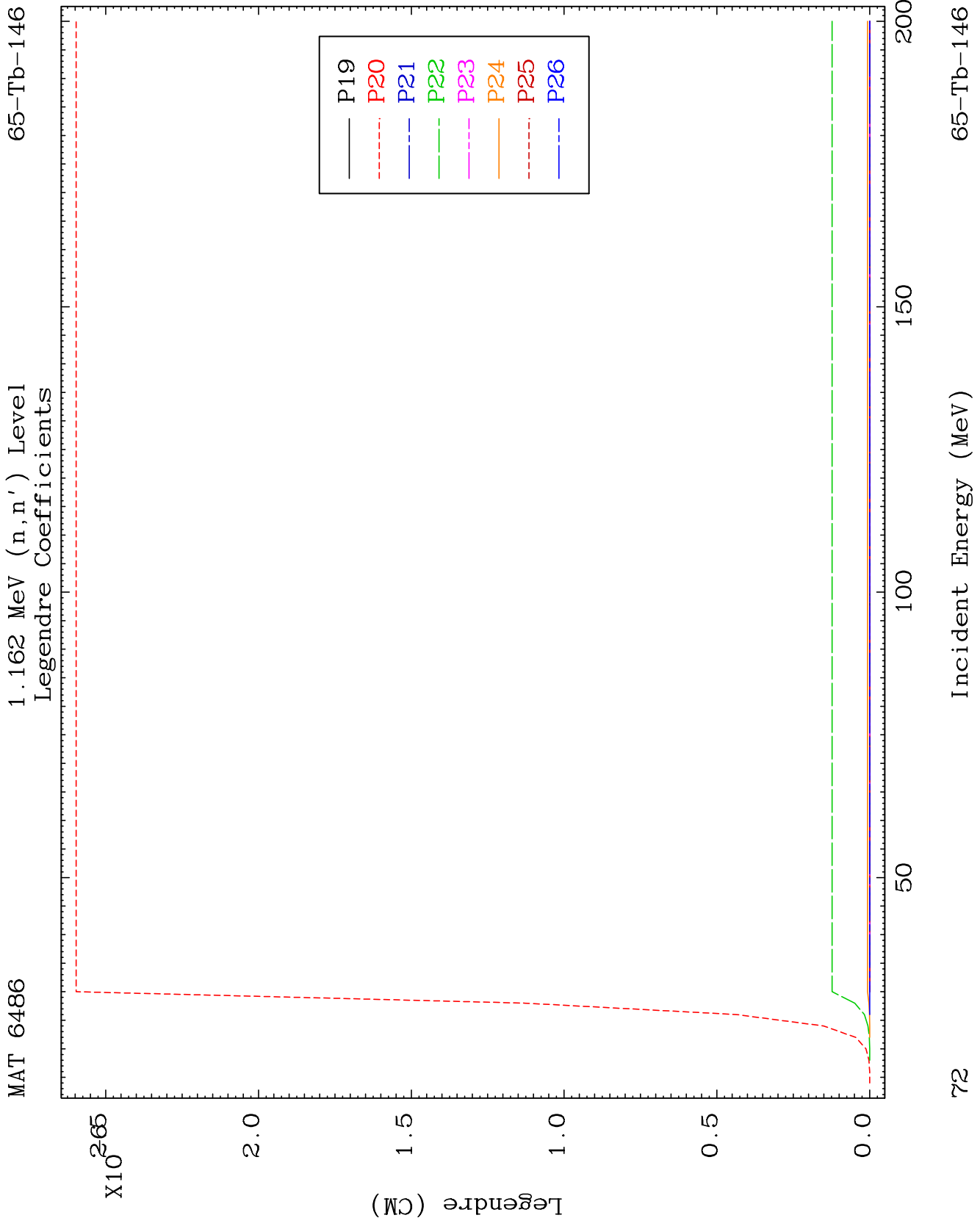
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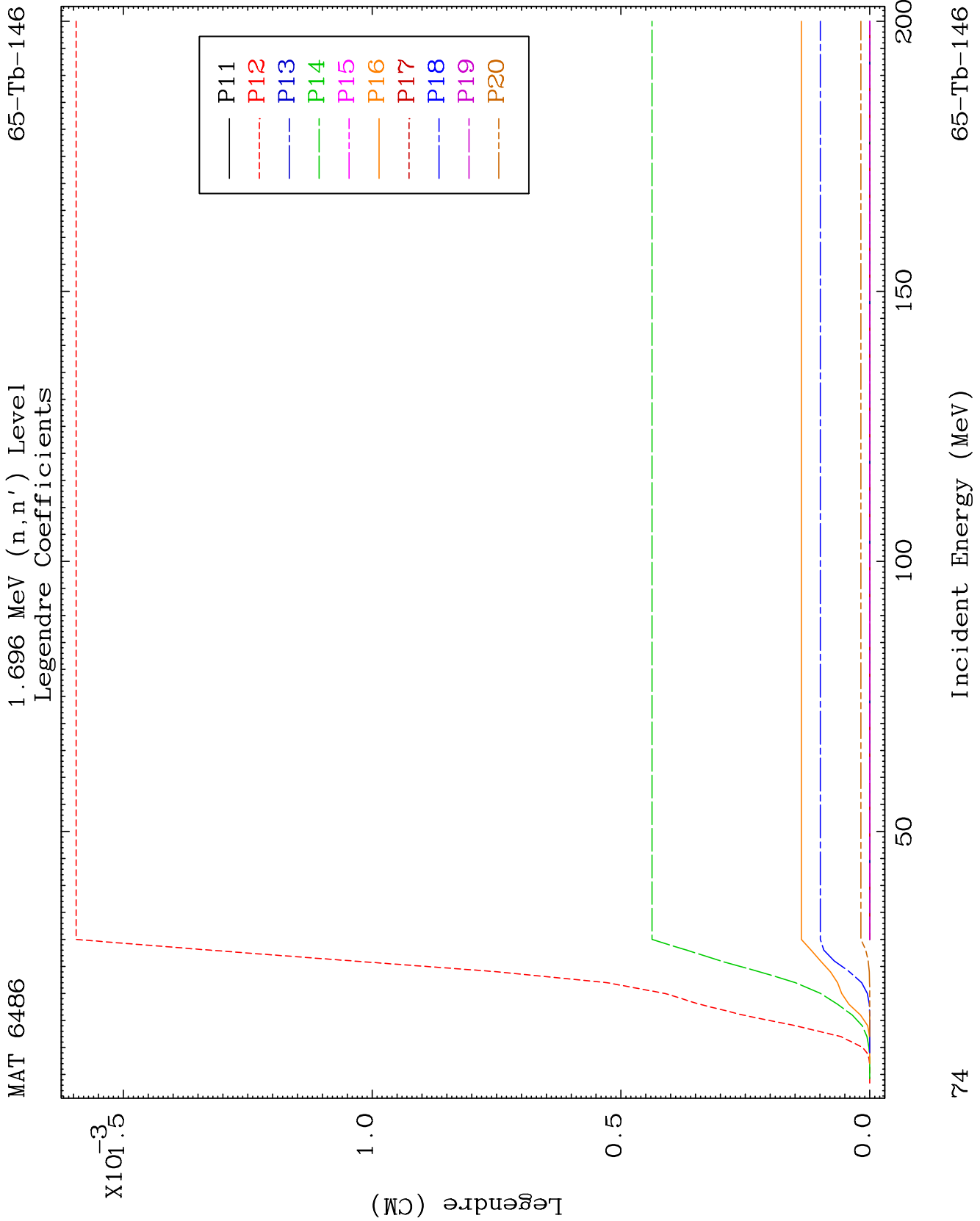


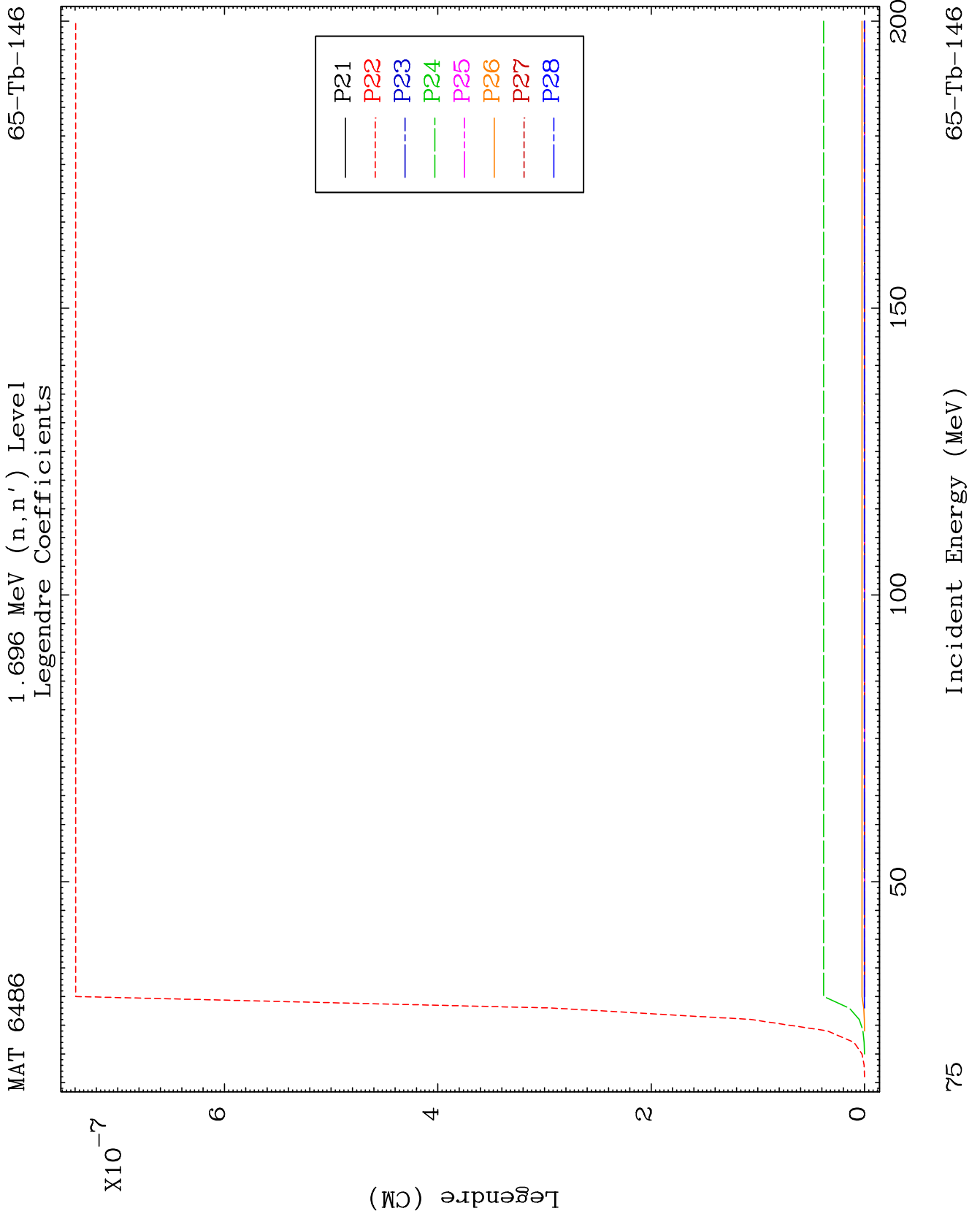
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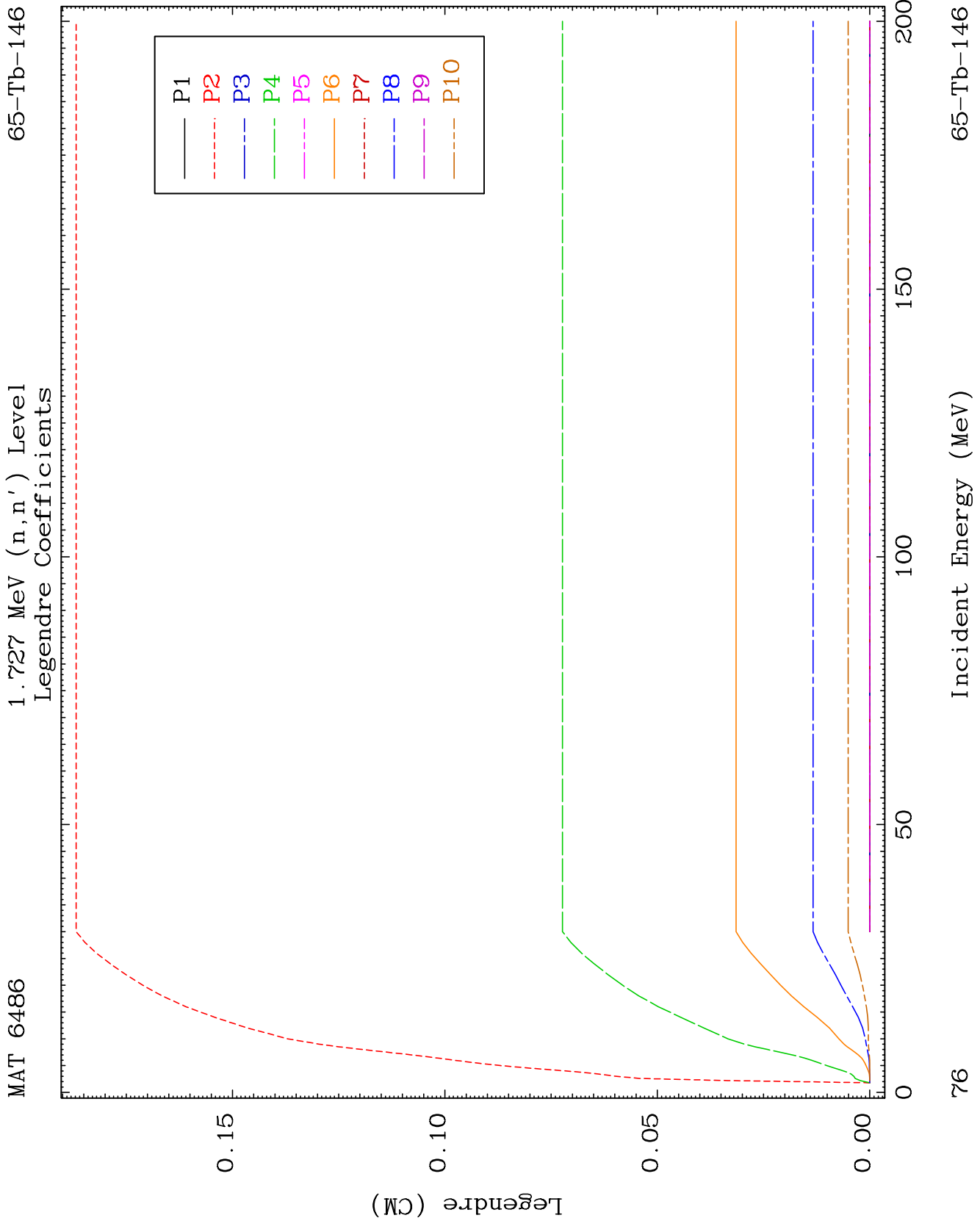
Incident Energy (MeV)

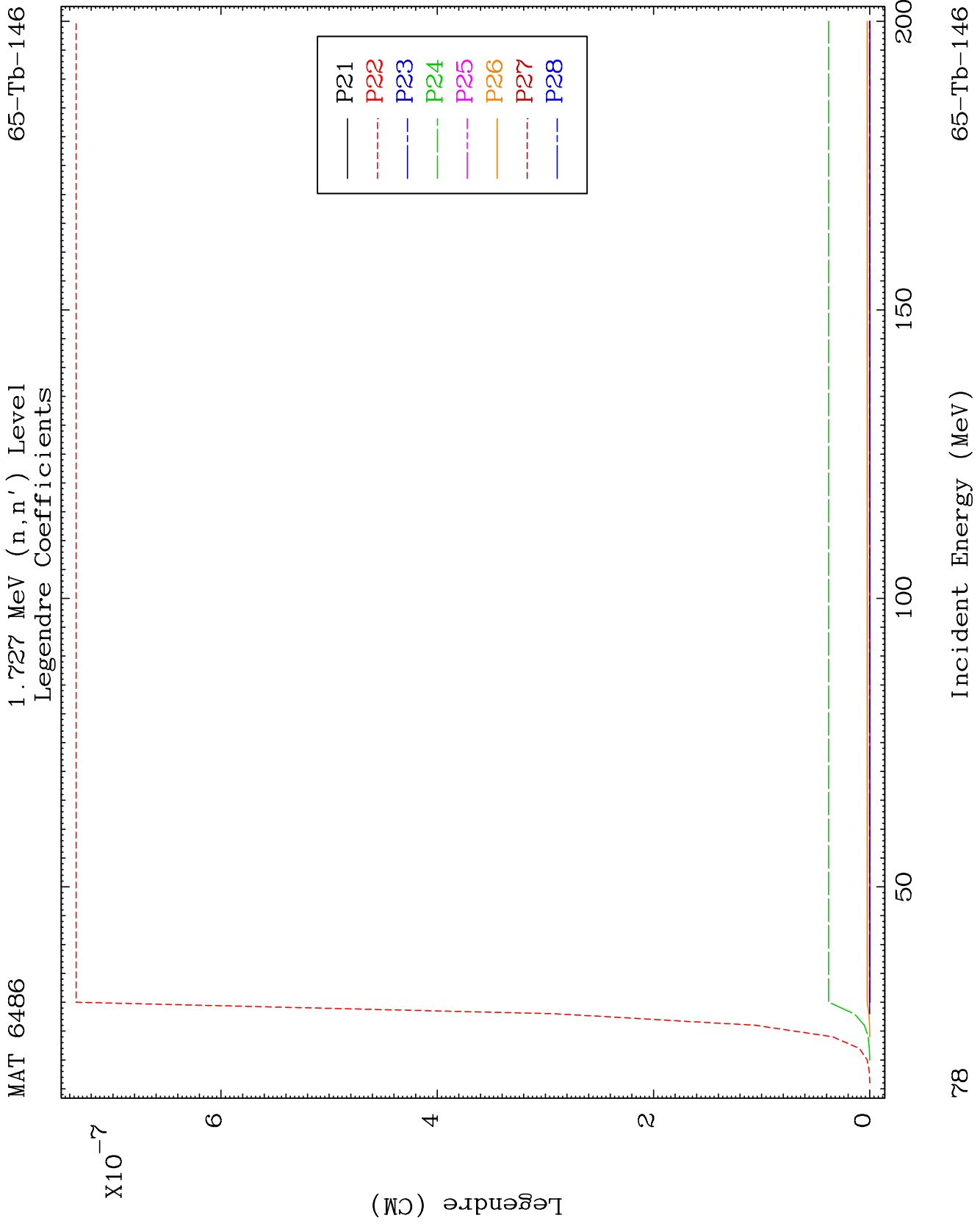
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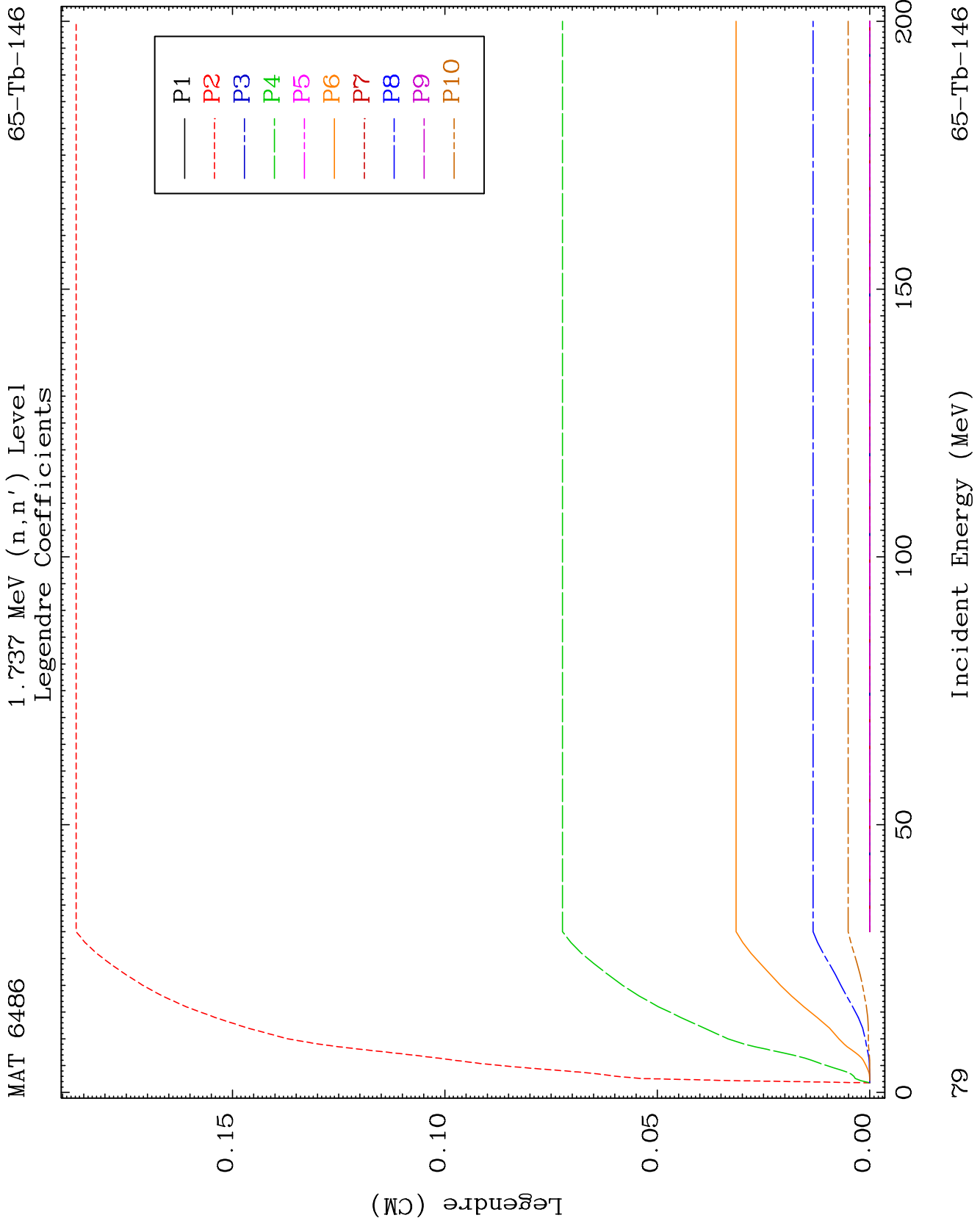


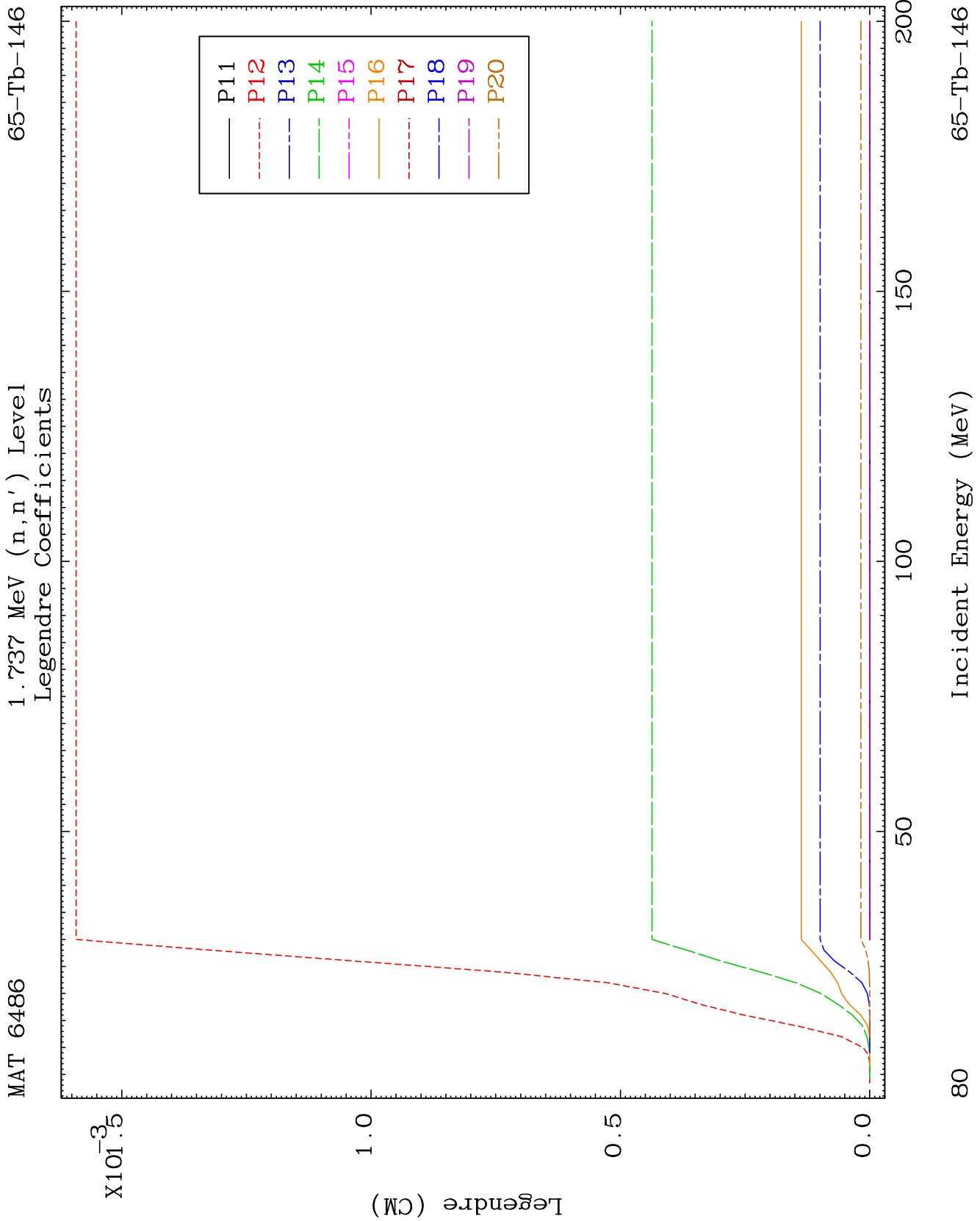




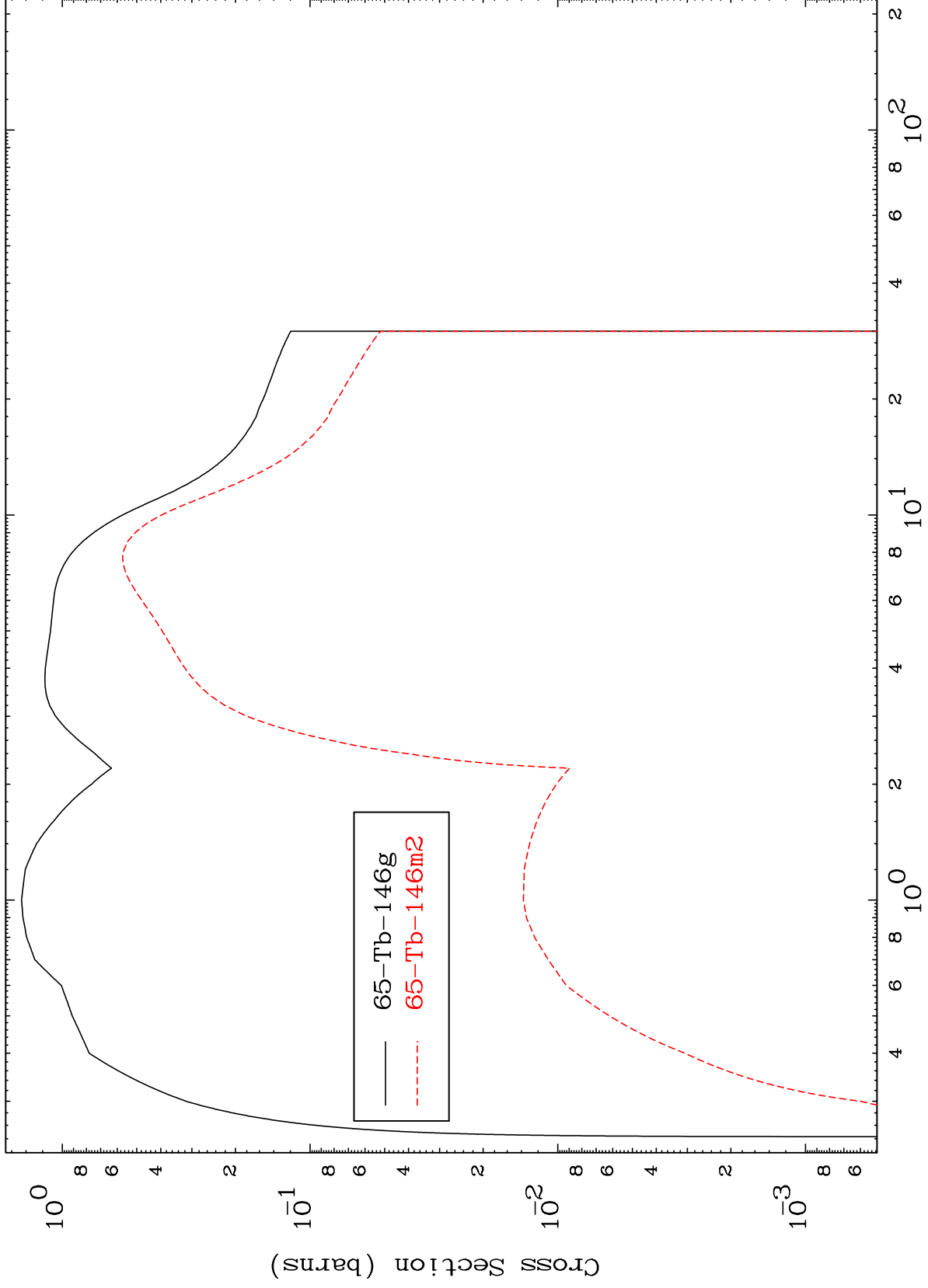








Inelastic
Radionuclide Production Cross Section

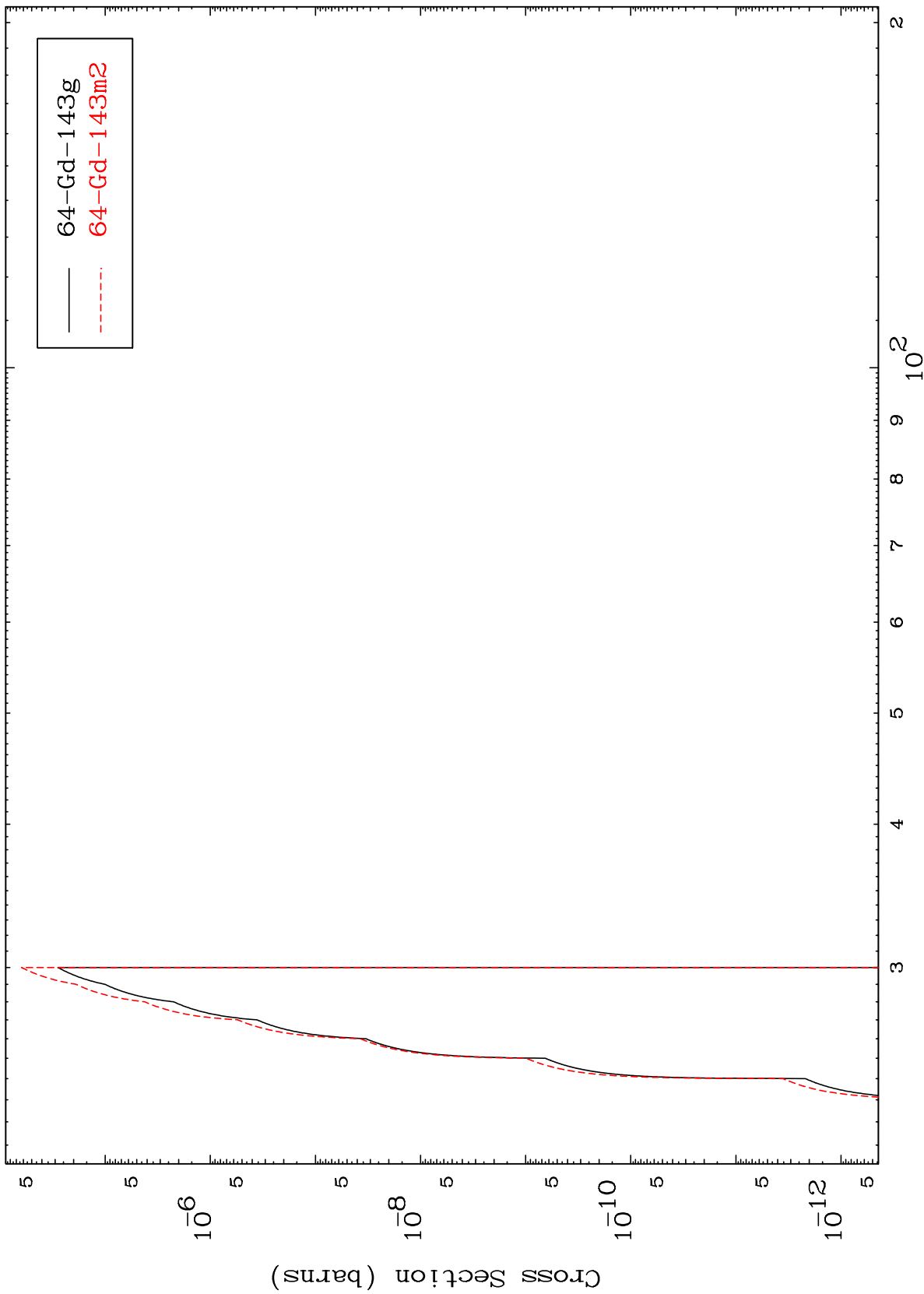


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(n,2n) d

65-Tb-146

Radionuclide Production Cross Section



83

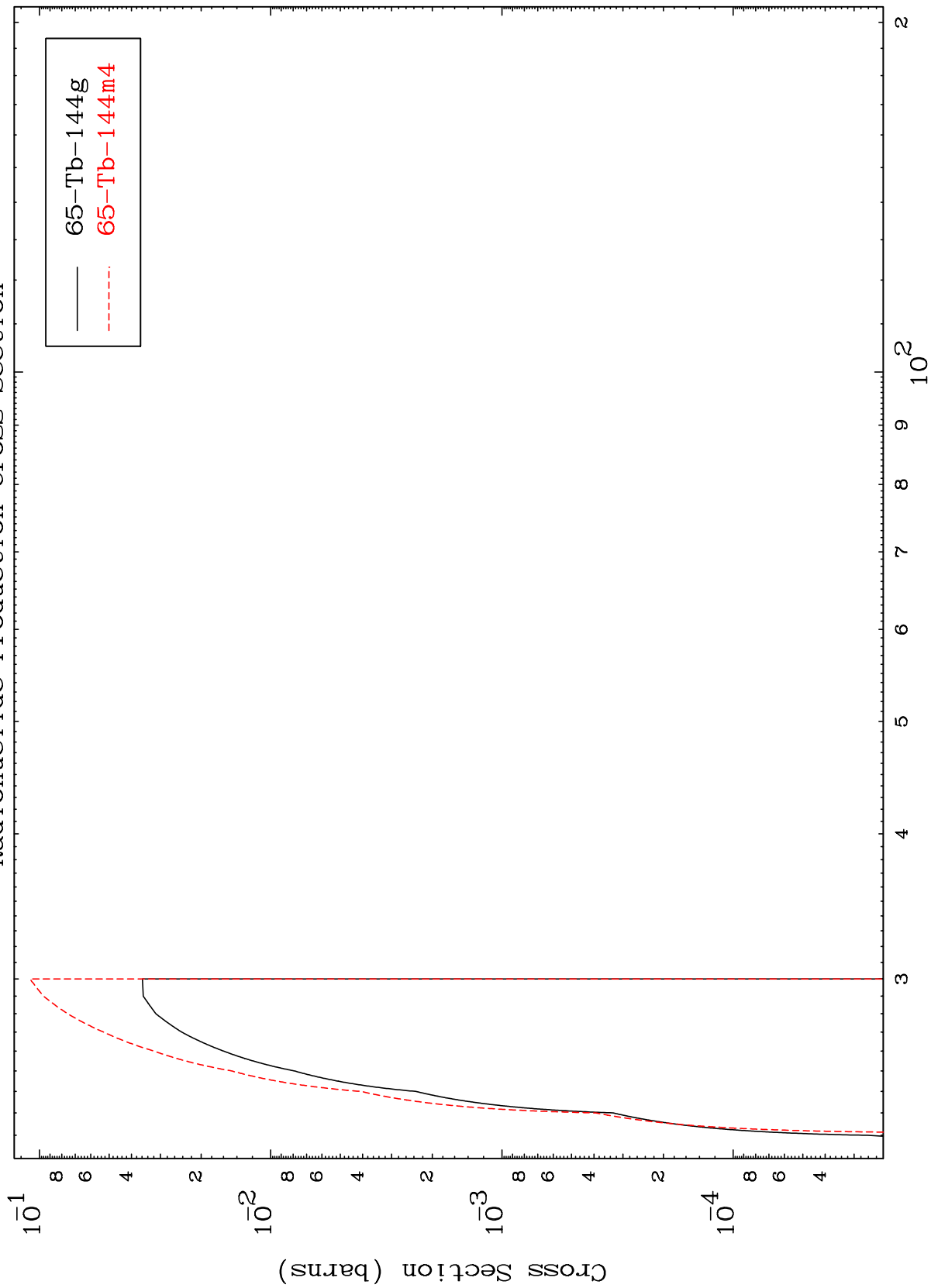
Incident Energy (MeV)

65-Tb-146

MAT 6486

65-Tb-146

(n,3n)
Radionuclide Production Cross Section



84

Incident Energy (MeV)

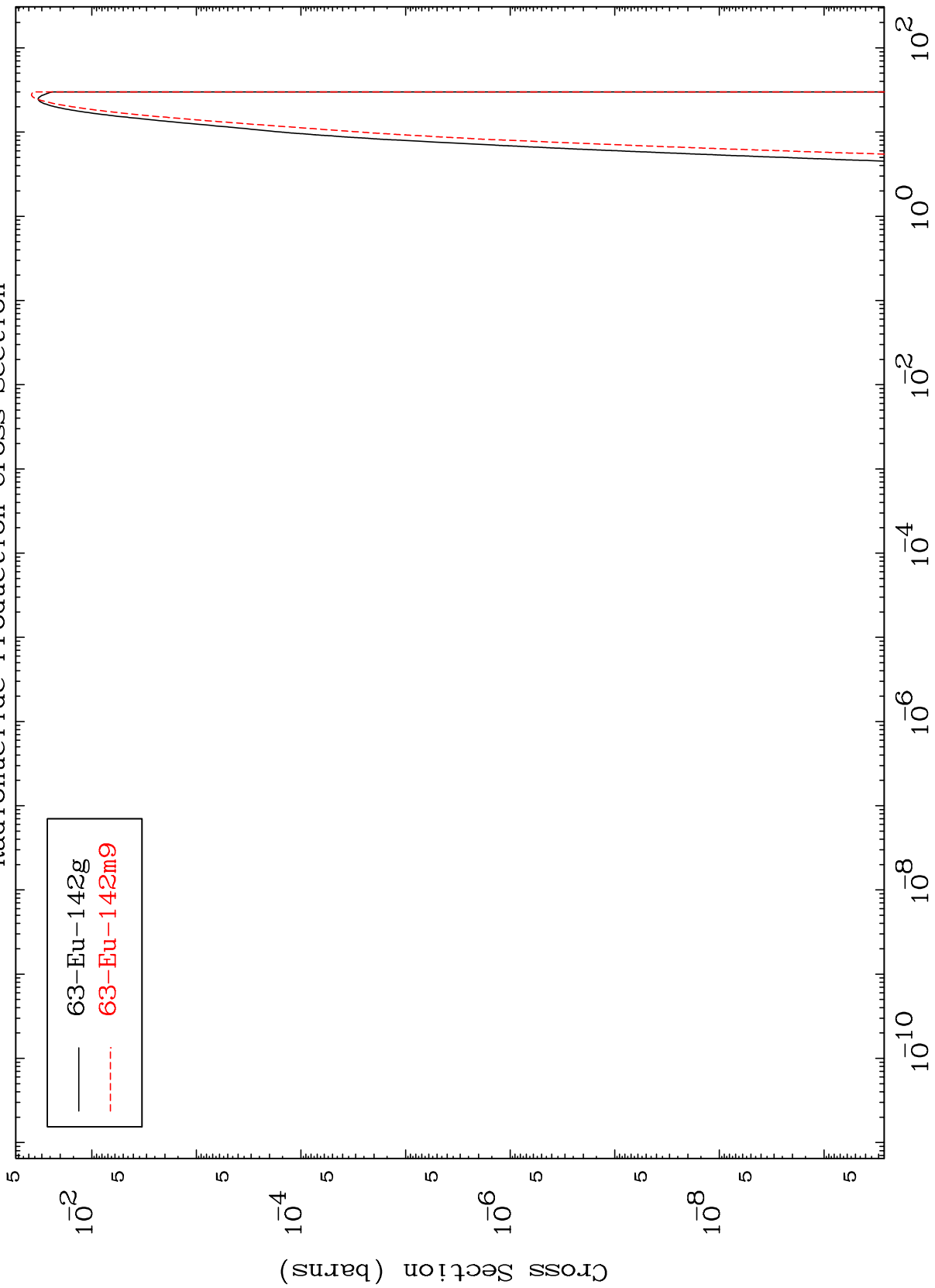
65-Tb-146

MAT 6486

(n, n') α

65-Tb-146

Radionuclide Production Cross Section



85

Incident Energy (MeV)

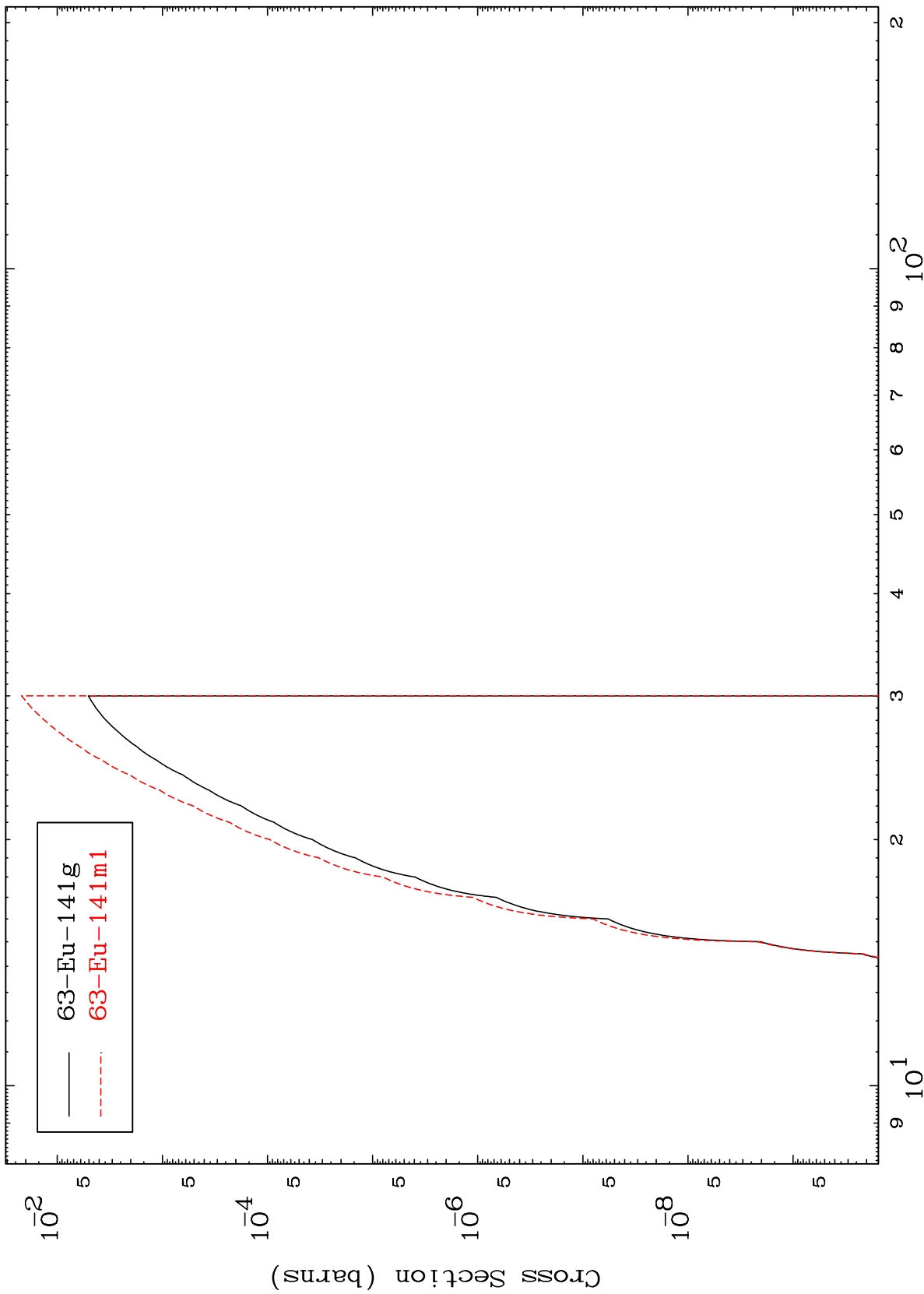
65-Tb-146

MAT 6486

(n,2n) α

65-Tb-146

Radionuclide Production Cross Section



86

Incident Energy (MeV)

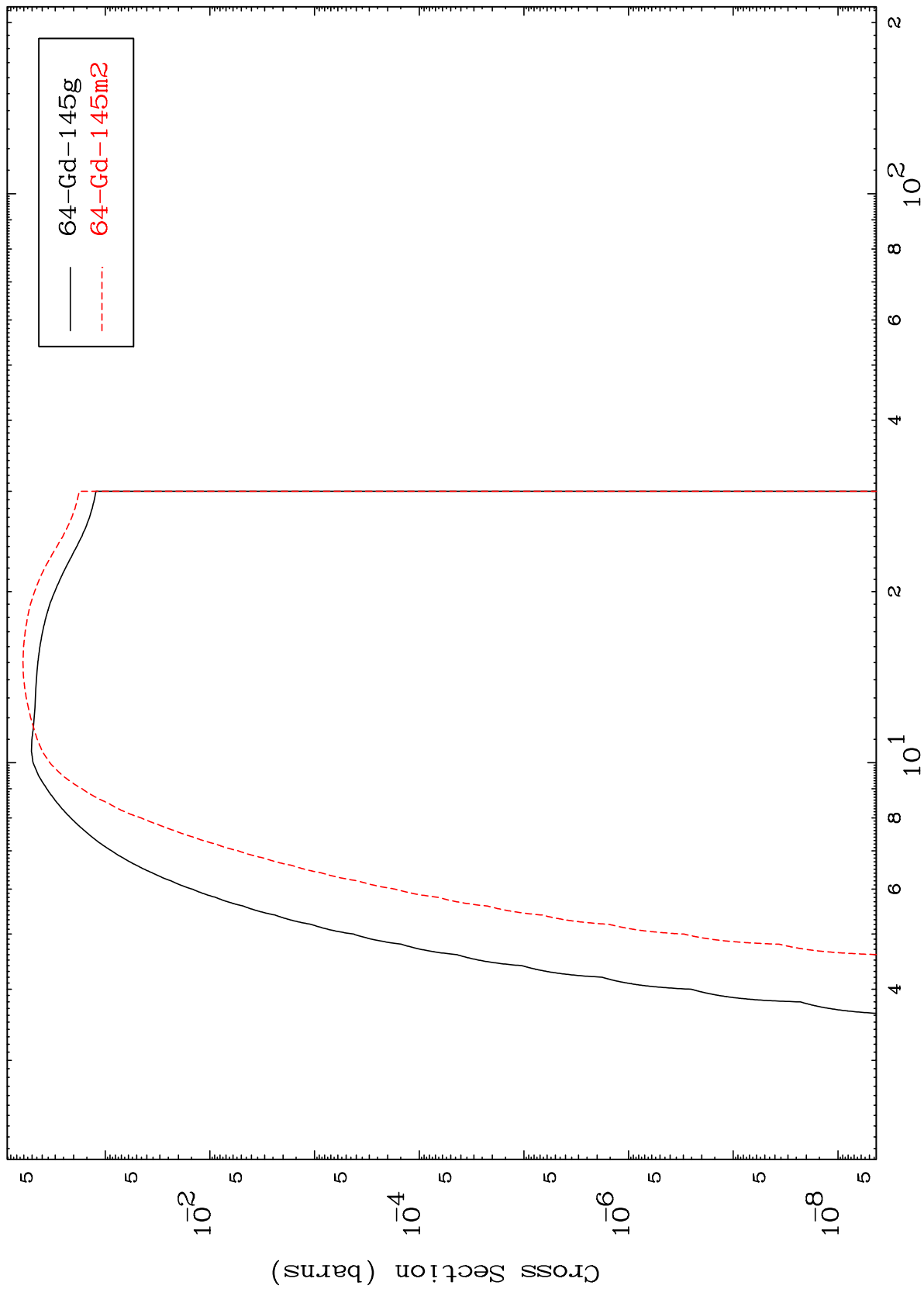
65-Tb-146

MAT 6486

(n,n') p

65-Tb-146

Radionuclide Production Cross Section



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Incident Energy (MeV)

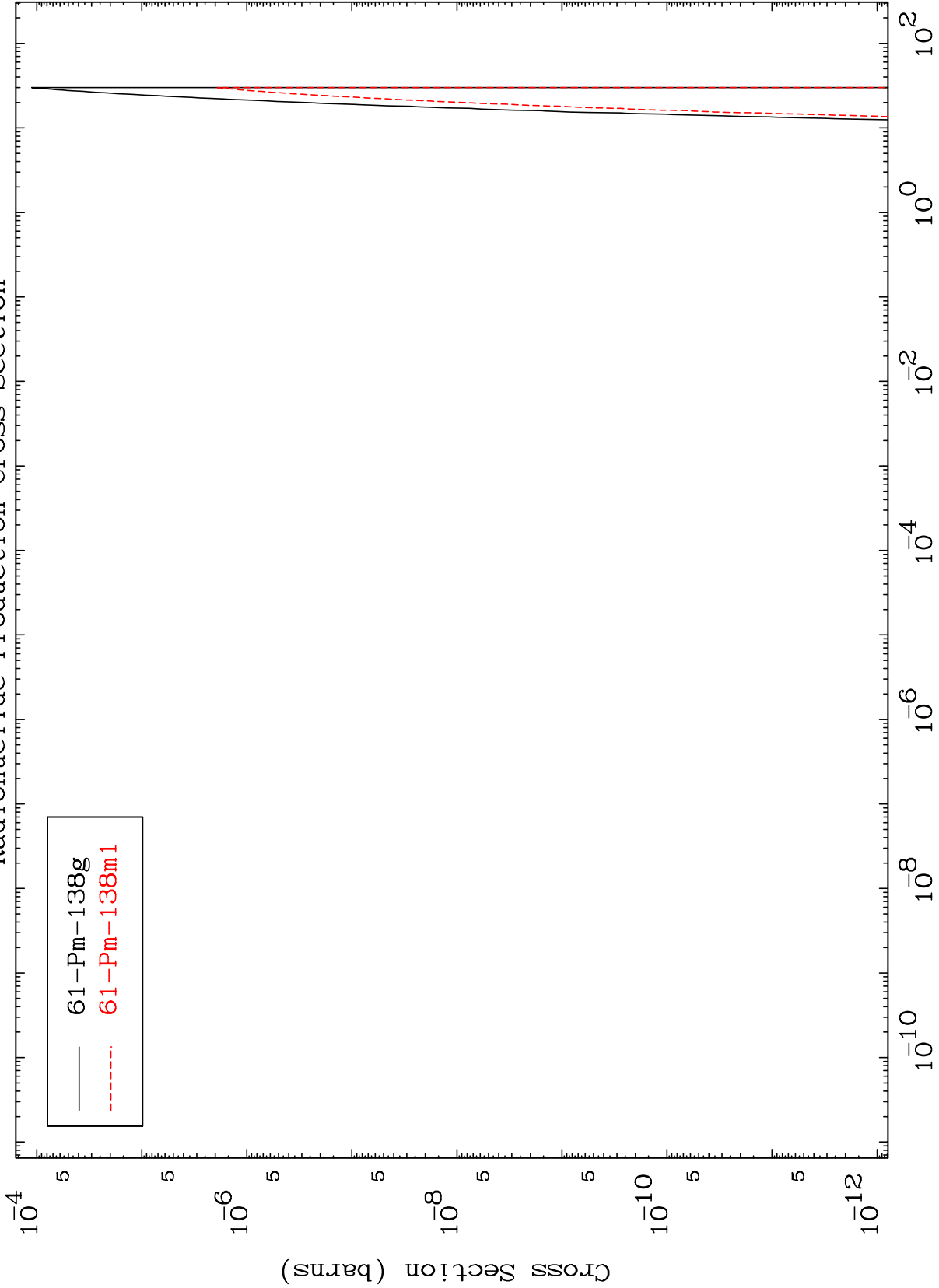
65-Tb-146

MAT 6486

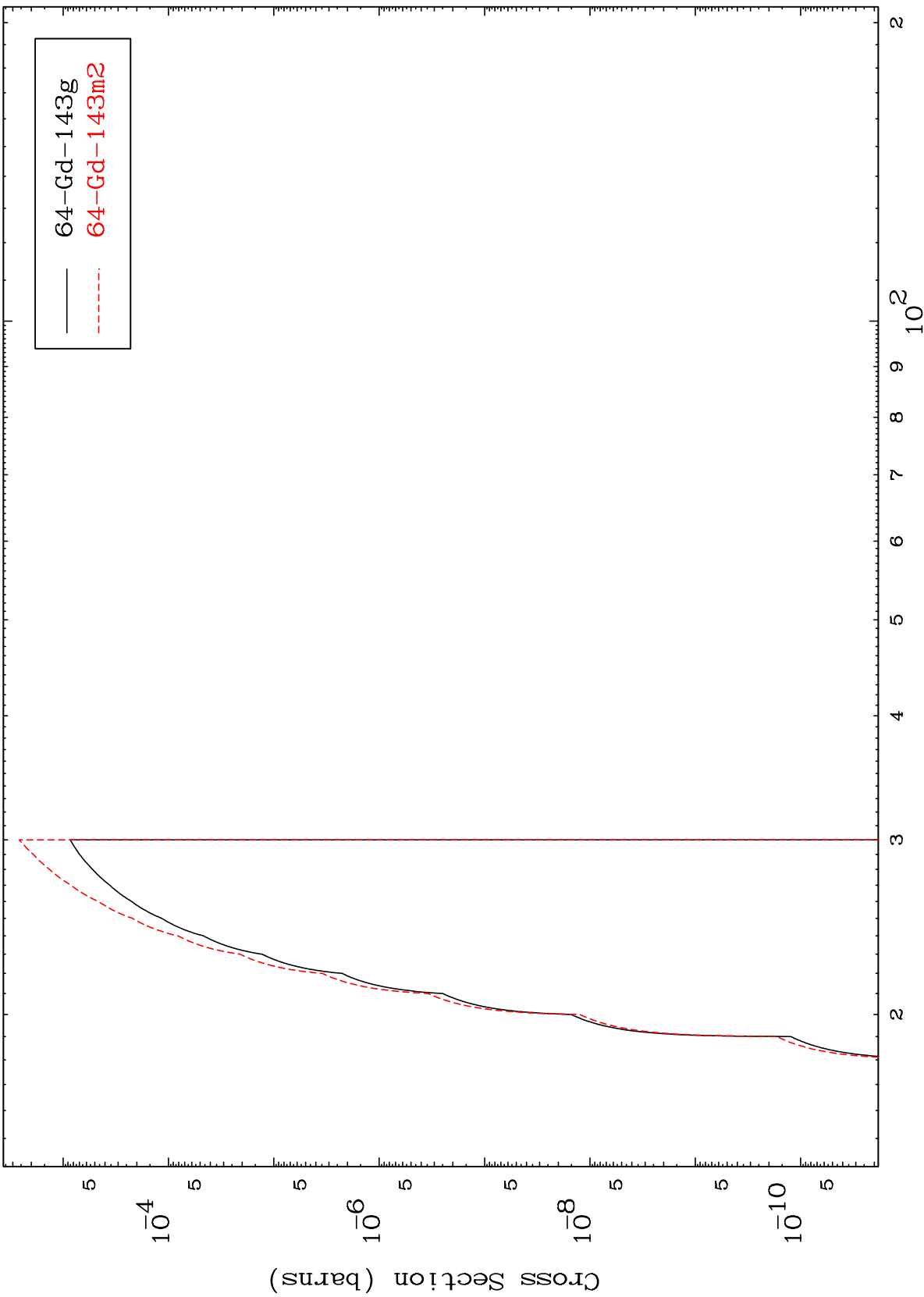
(n,n') 2 α

65-Tb-146

Radionuclide Production Cross Section



Radionuclide Production Cross Section

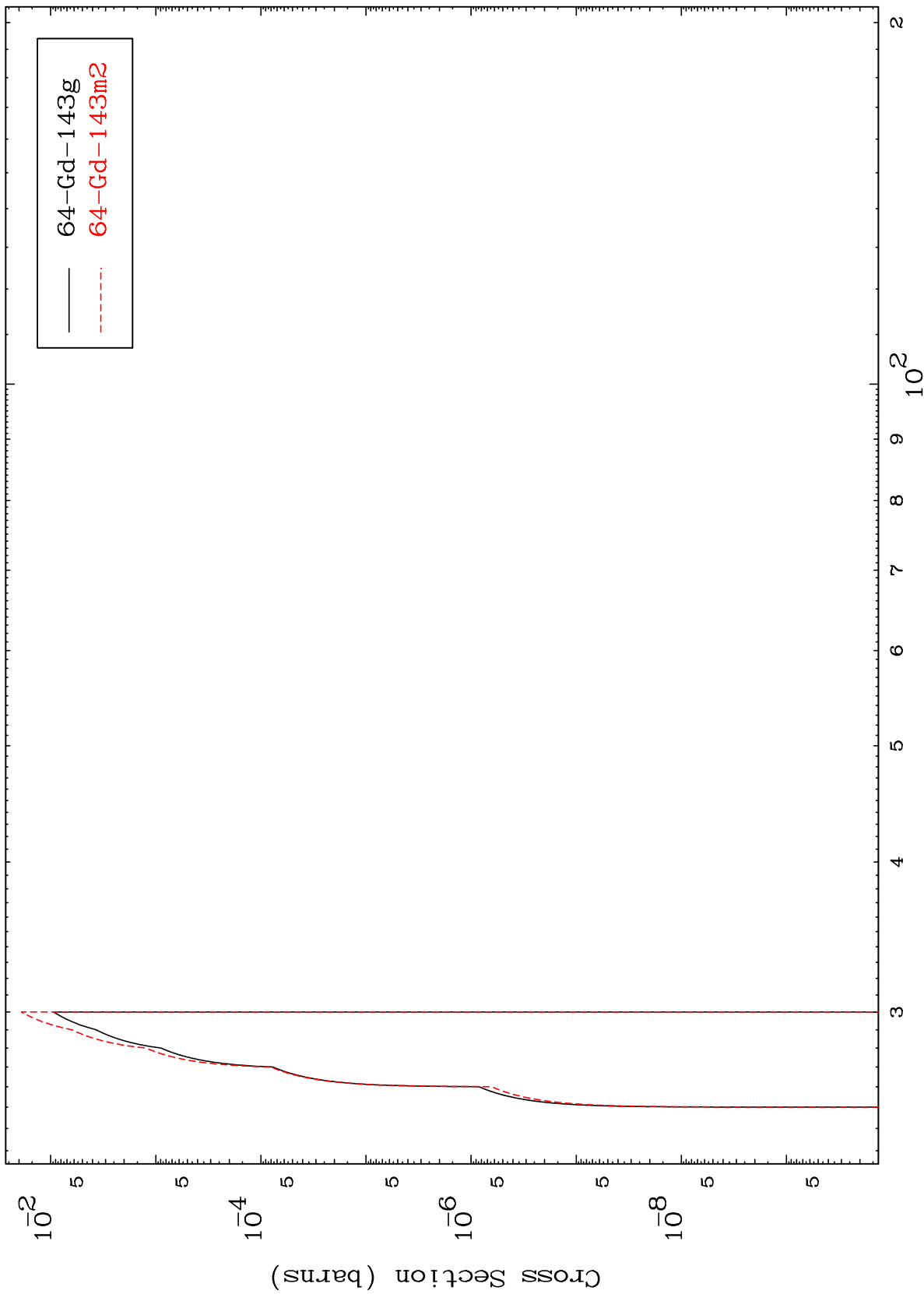


MAT 6486

(n,3n) p

65-Tb-146

Radionuclide Production Cross Section



90

Incident Energy (MeV)

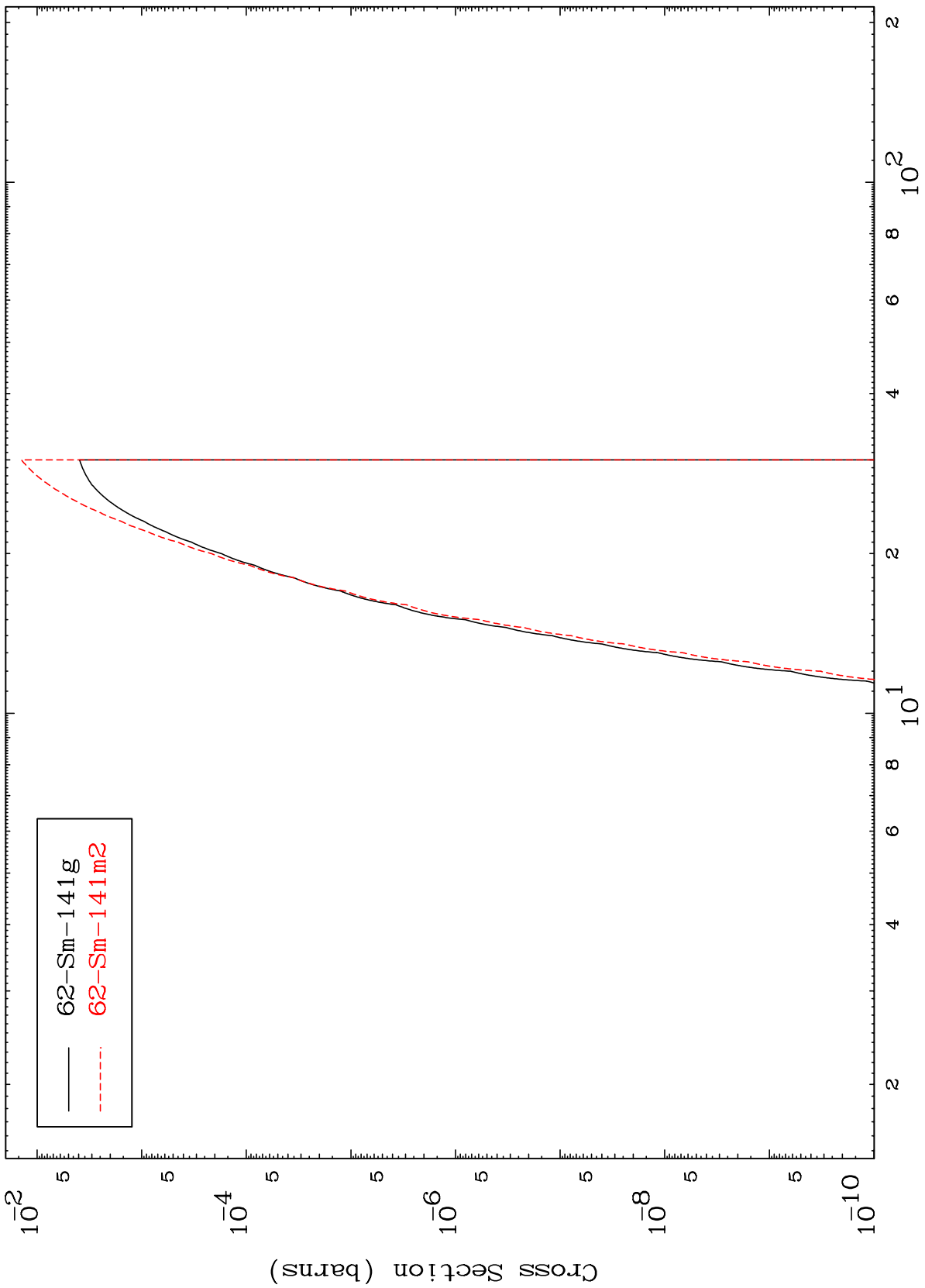
65-Tb-146

MAT 6486

(n,n') p α

65-Tb-146

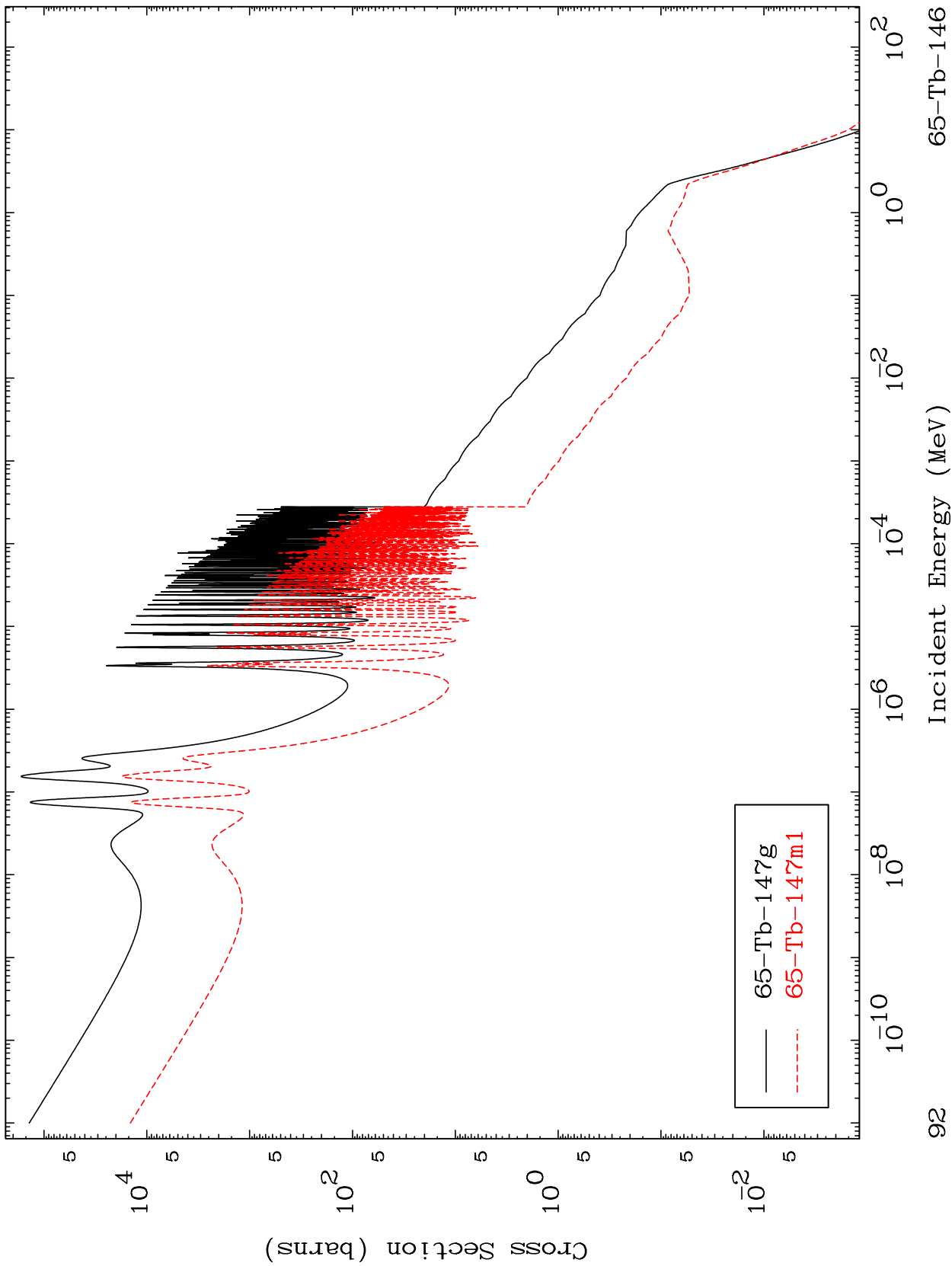
Radionuclide Production Cross Section



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65-Tb-146

(n, γ)
Radionuclide Production Cross Section

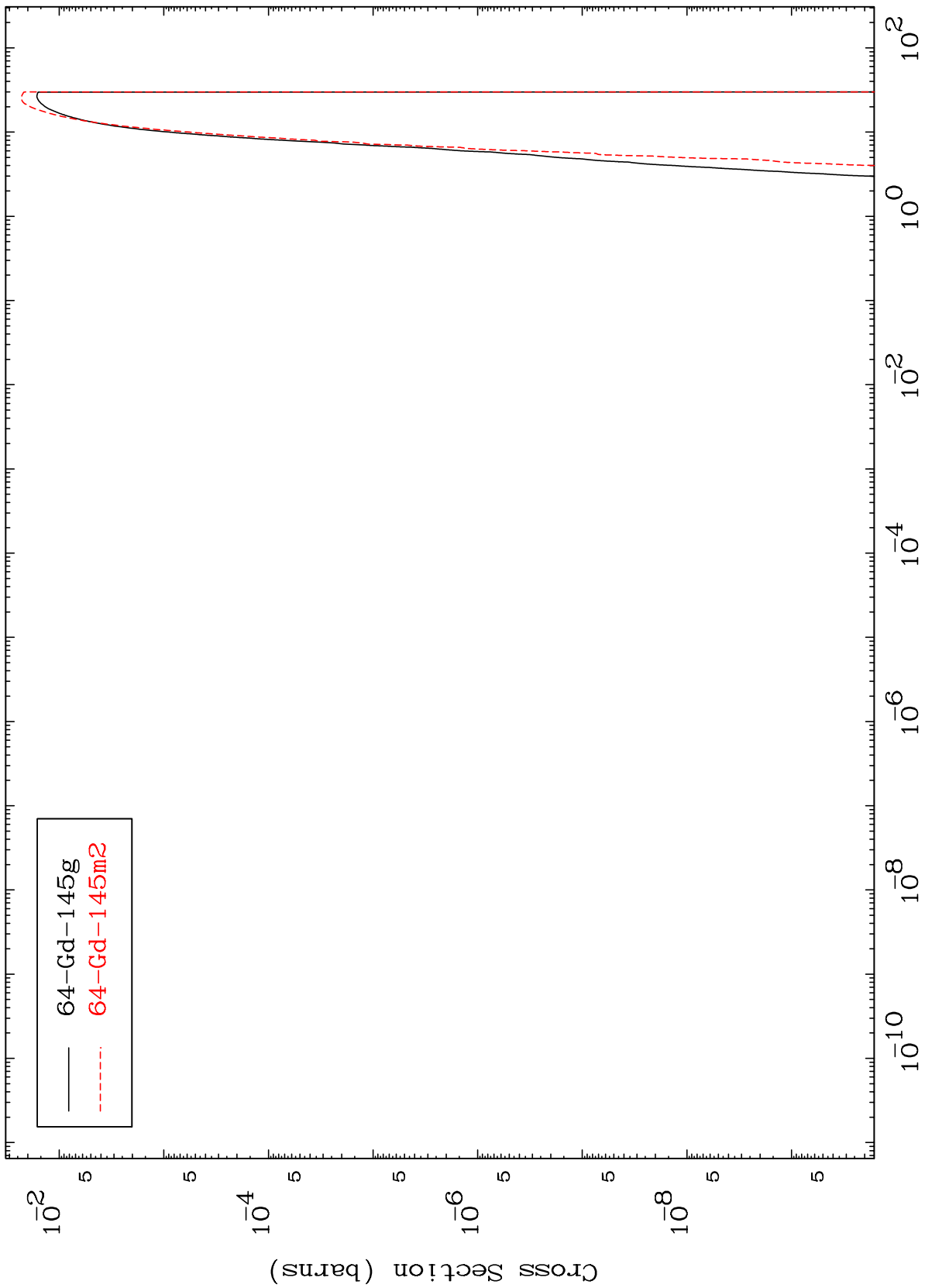


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(n,d)

⁶⁵Tb-146

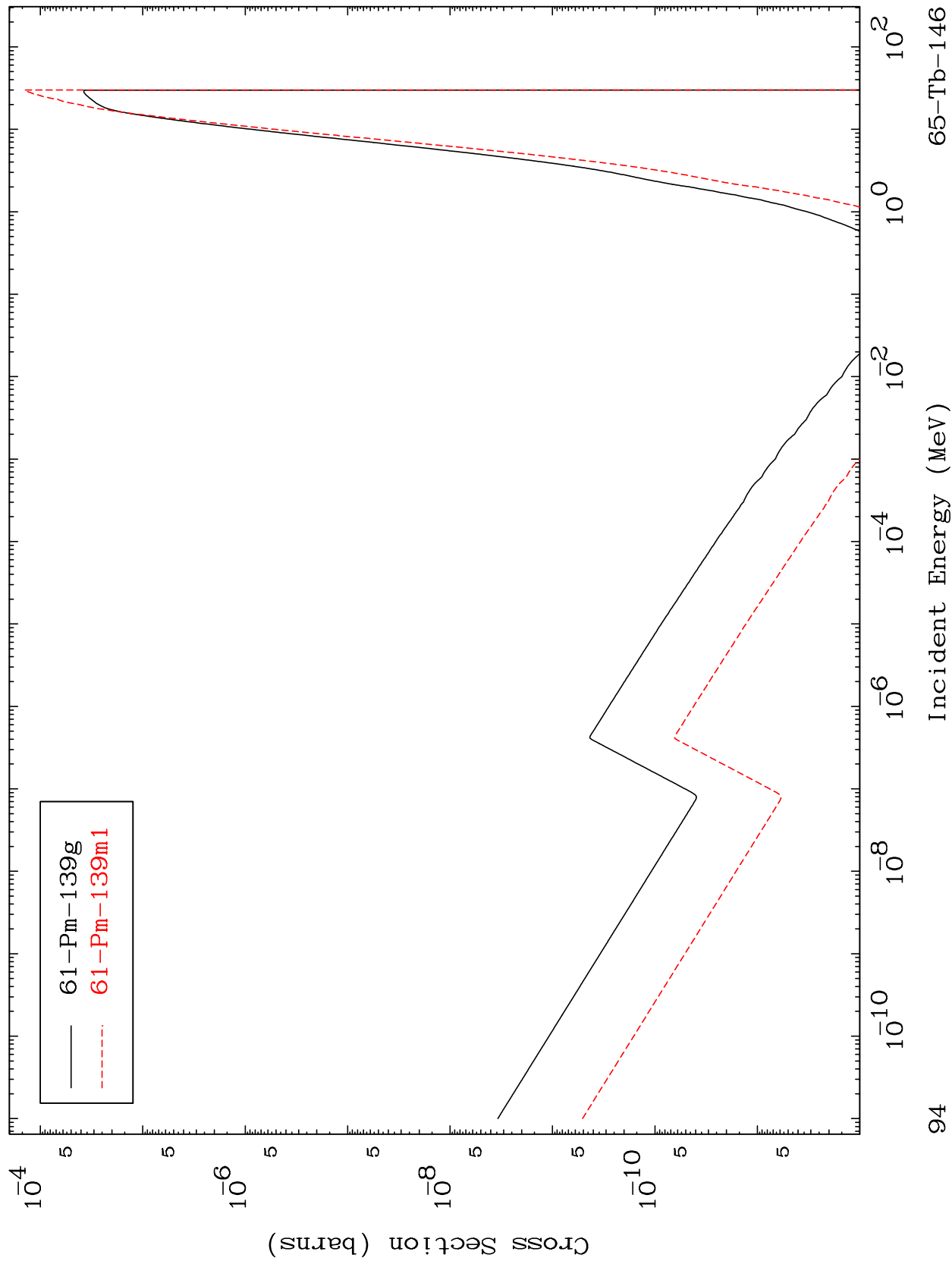
Radionuclide Production Cross Section



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65-Tb-146

Radionuclide Production Cross Section
(n,2α)



61-Pm-139g
61-Pm-139m1

MAT 6486

(n,d) α

65-Tb-146

Radionuclide Production Cross Section

