

Program EVALPLOT
(Version 2015-2)

by

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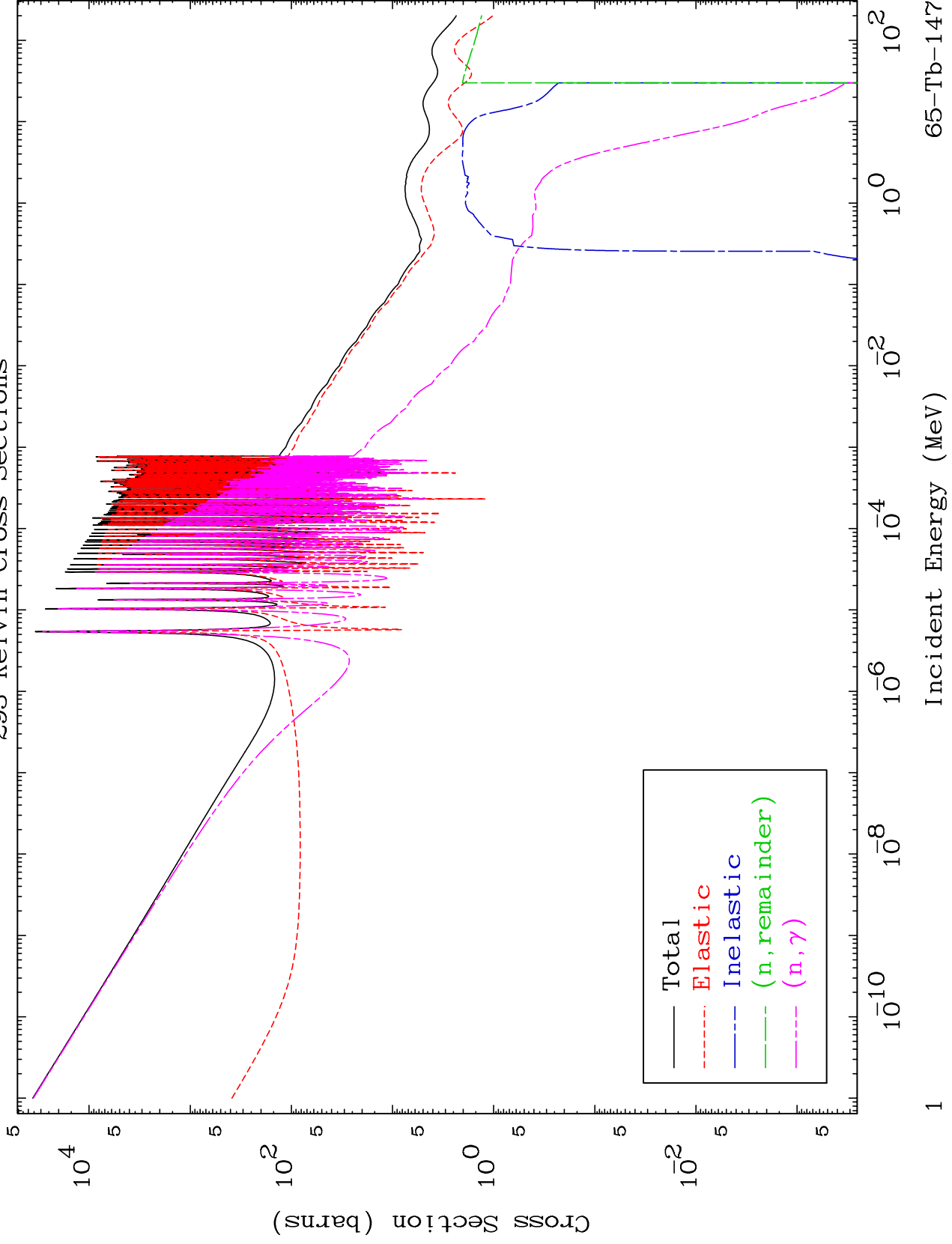
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6489

Major
293 Kelvin Cross Sections

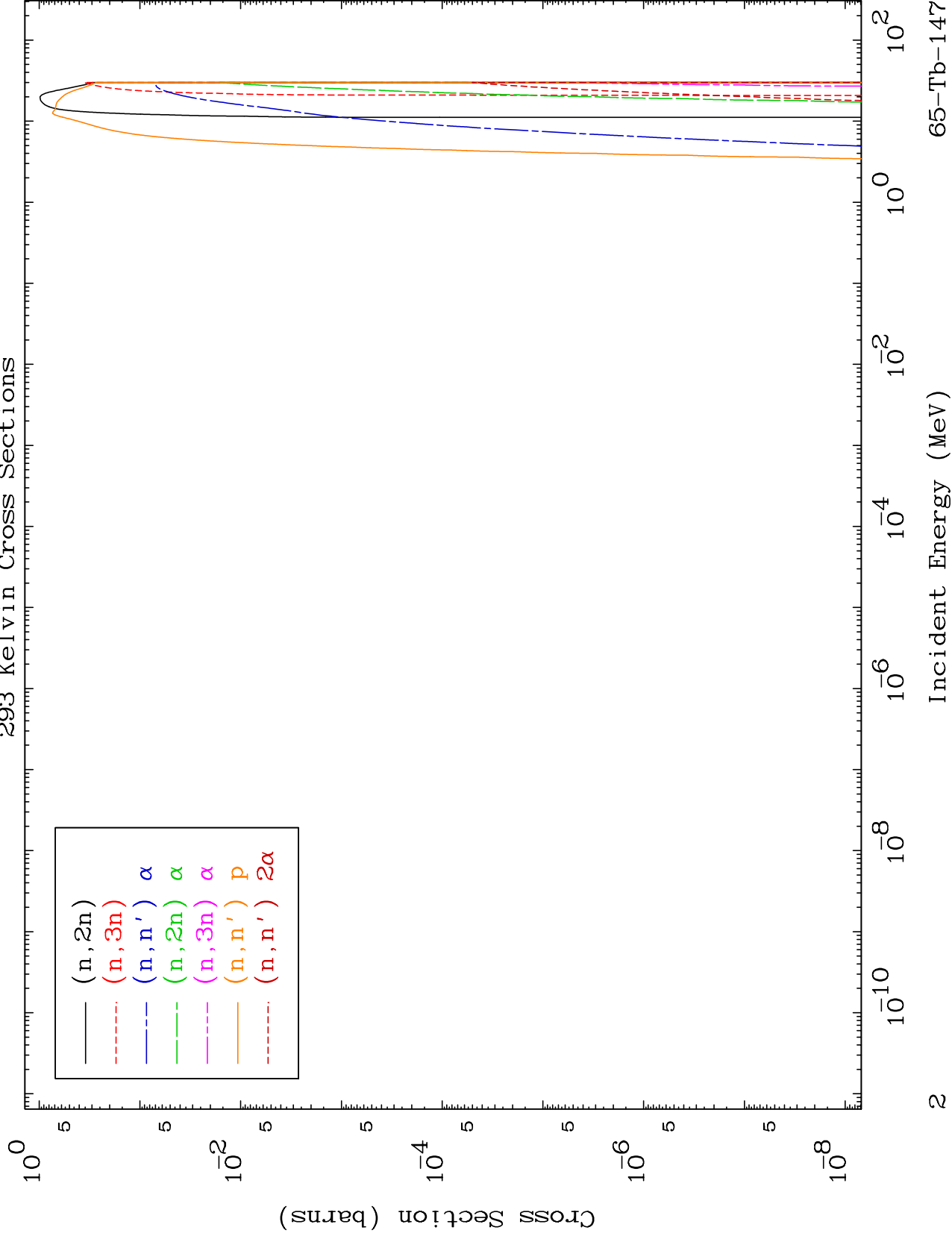
65-Tb-147

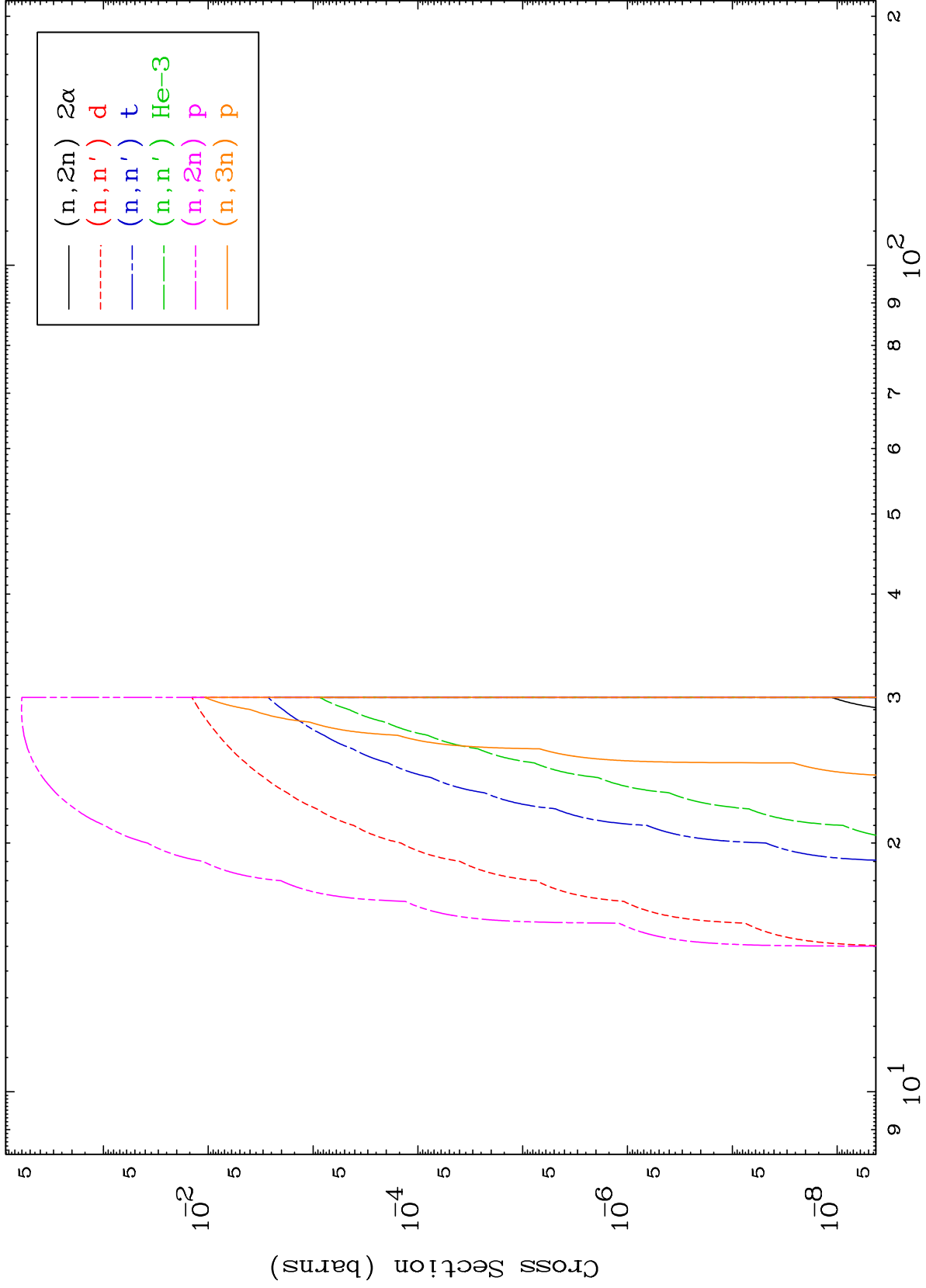


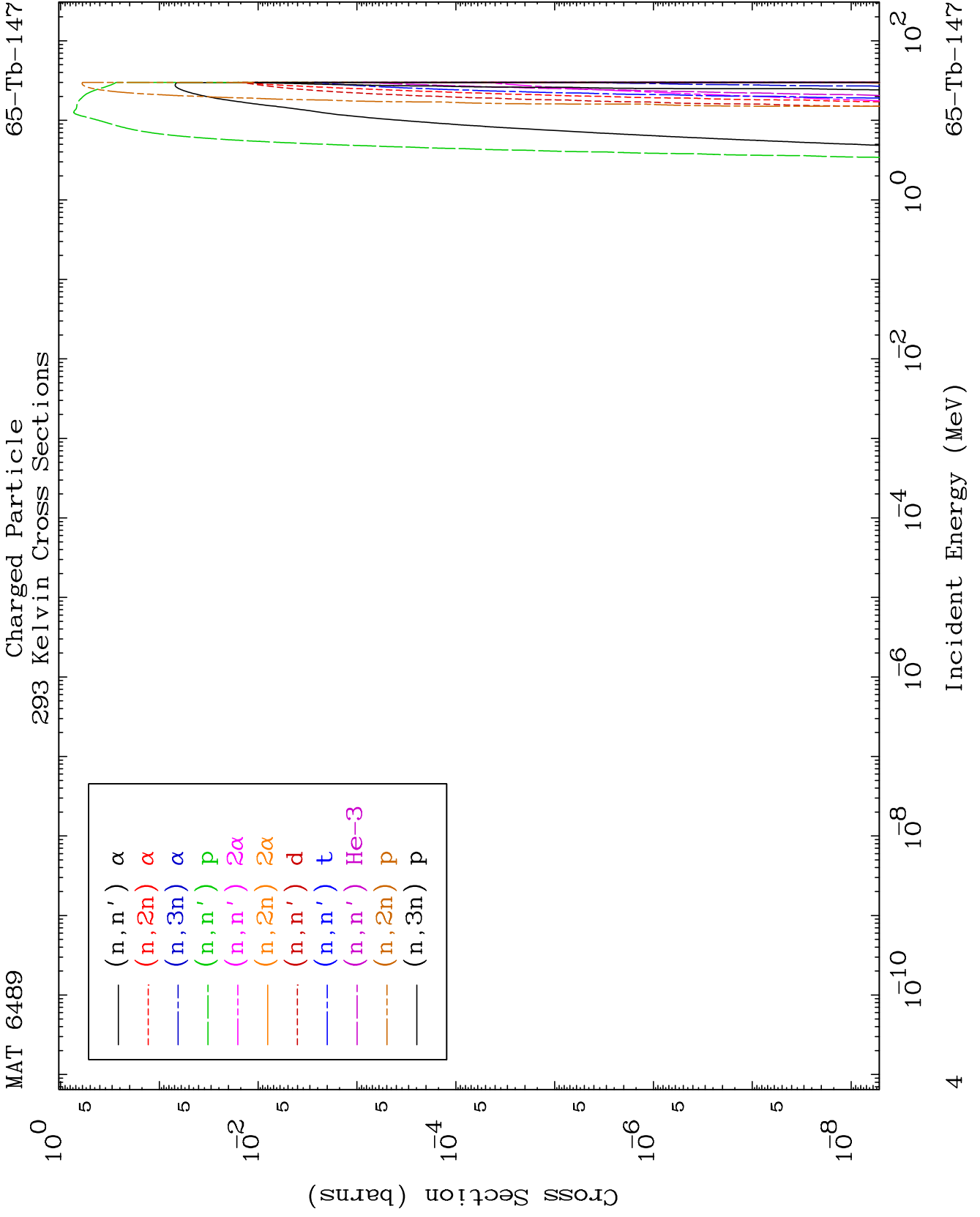
MAT 6489

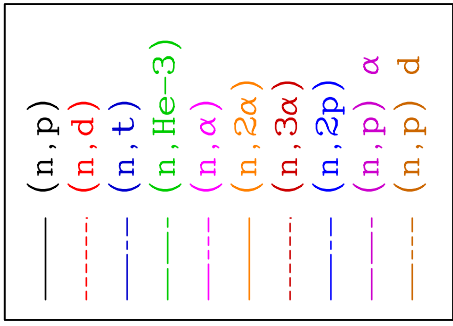
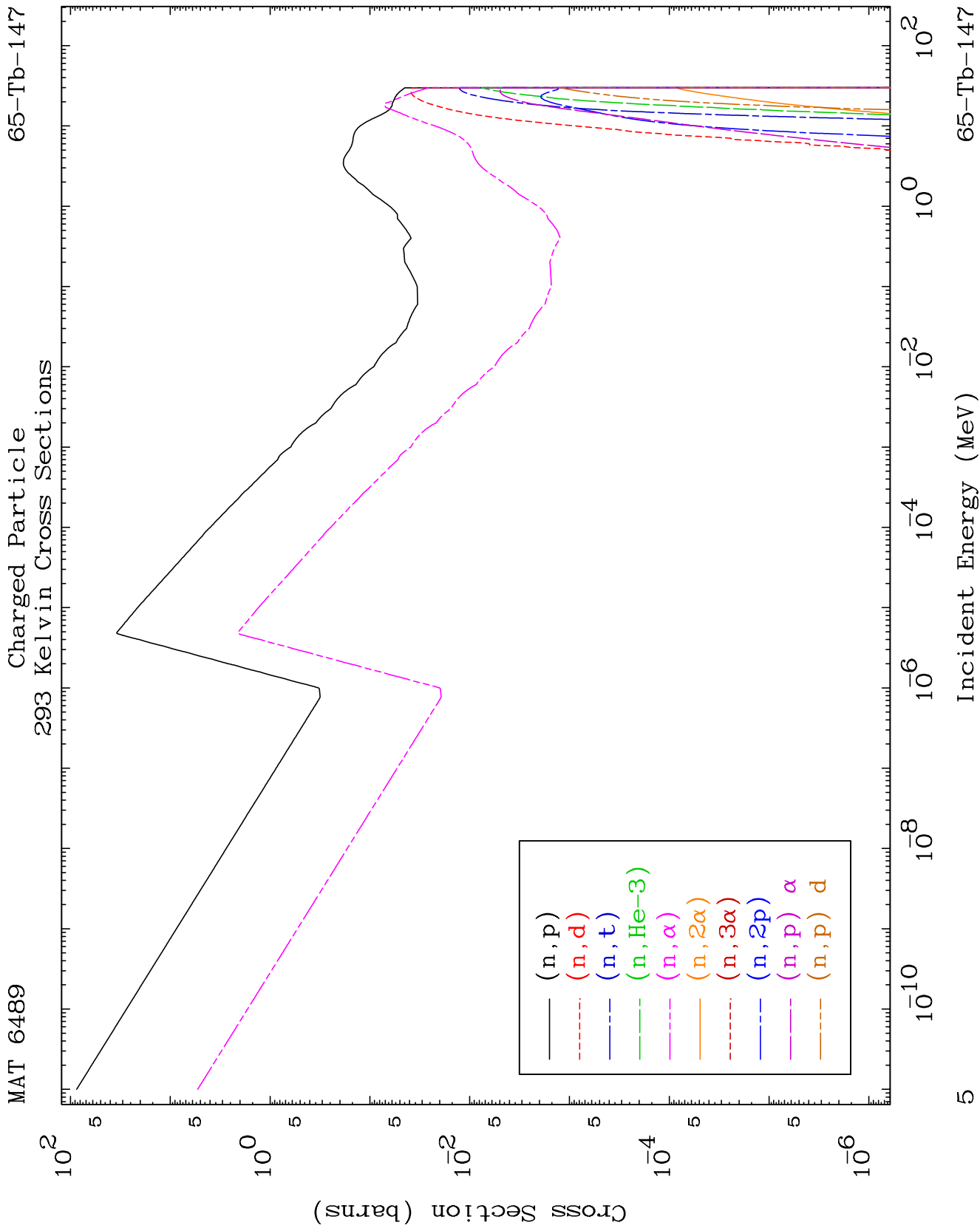
Neutron Production
293 Kelvin Cross Sections

65-Tb-147





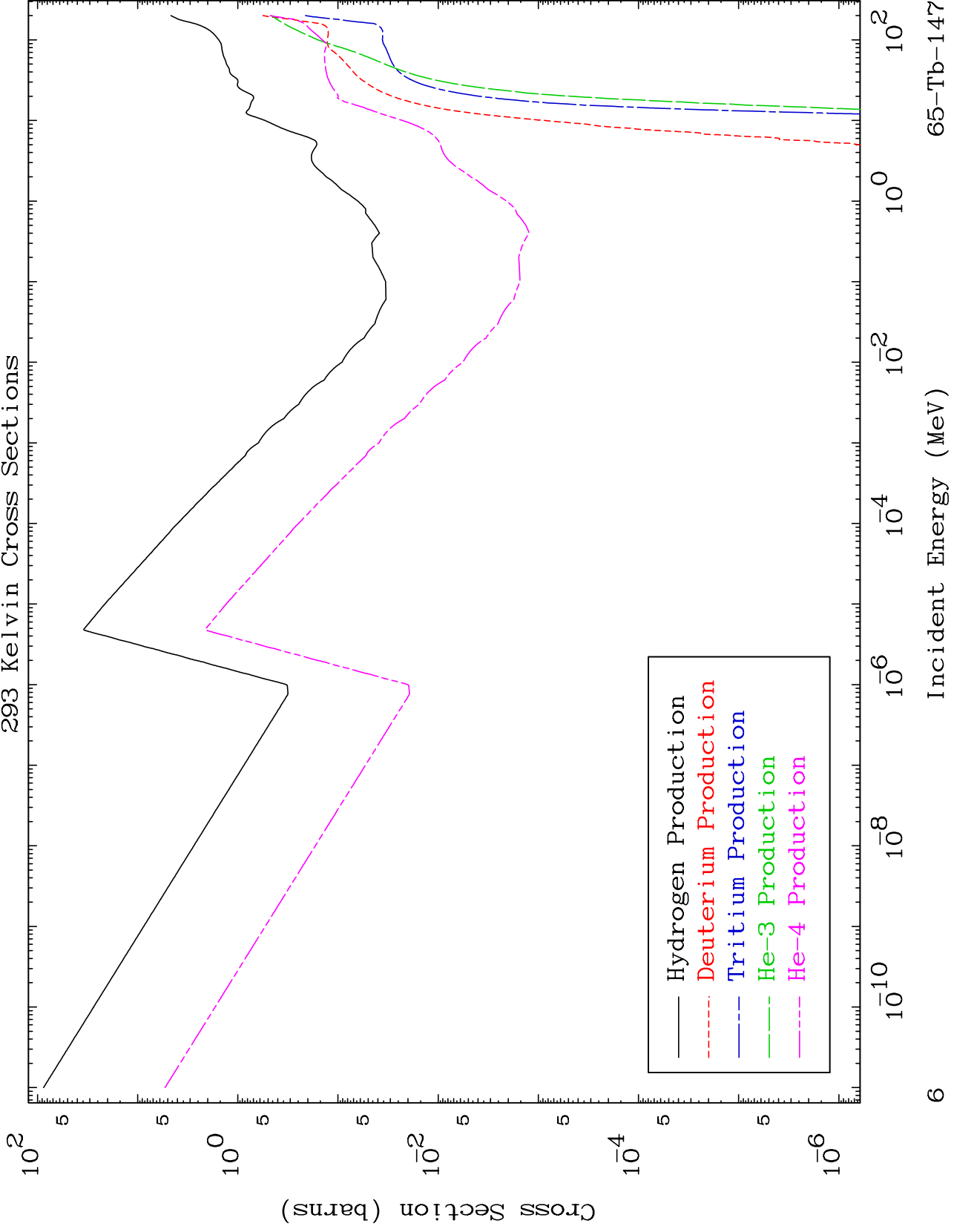




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Particle Production
293 Kelvin Cross Sections

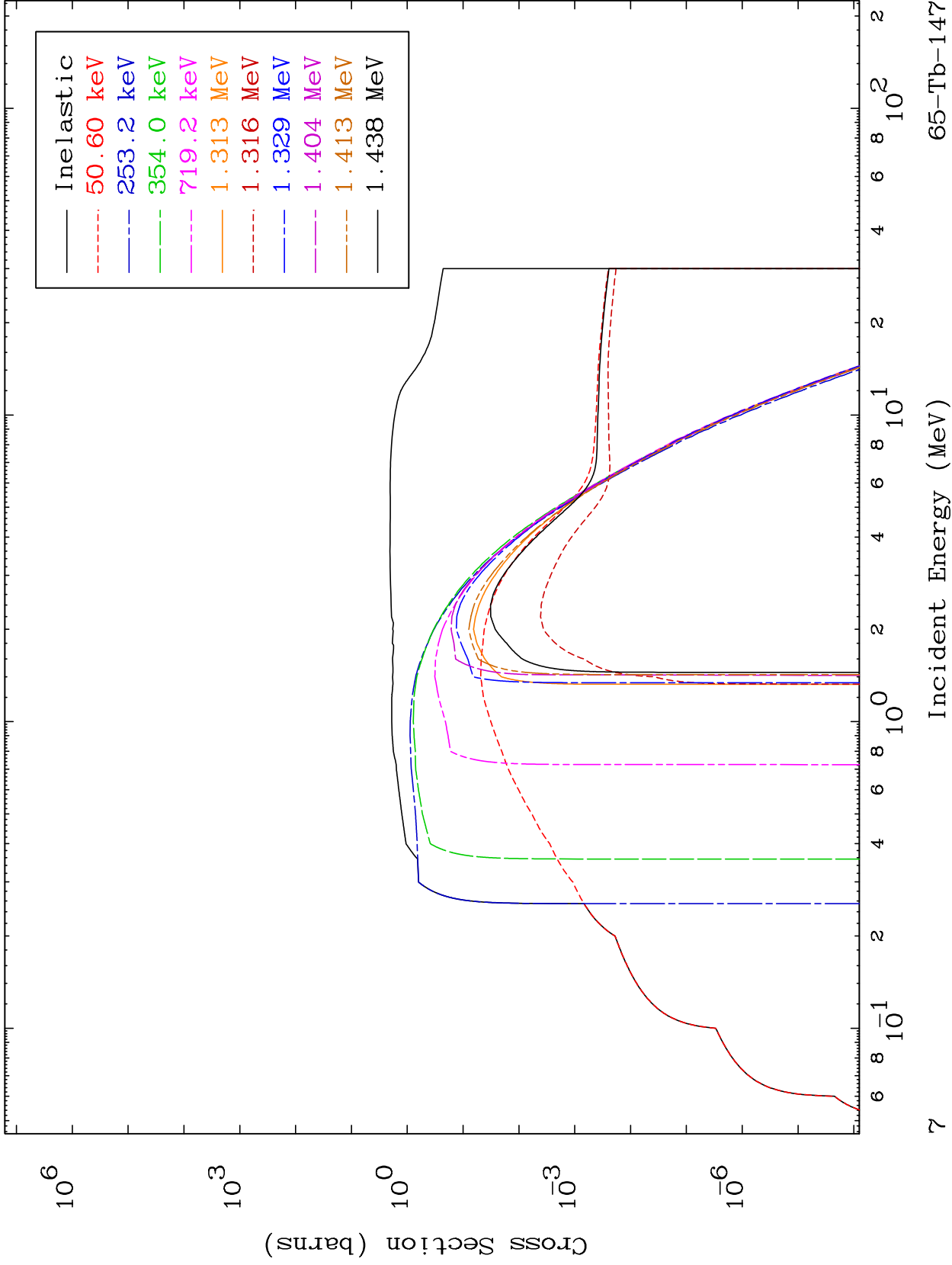
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MAT 6489

(n,n') Level
293 Kelvin Cross Sections

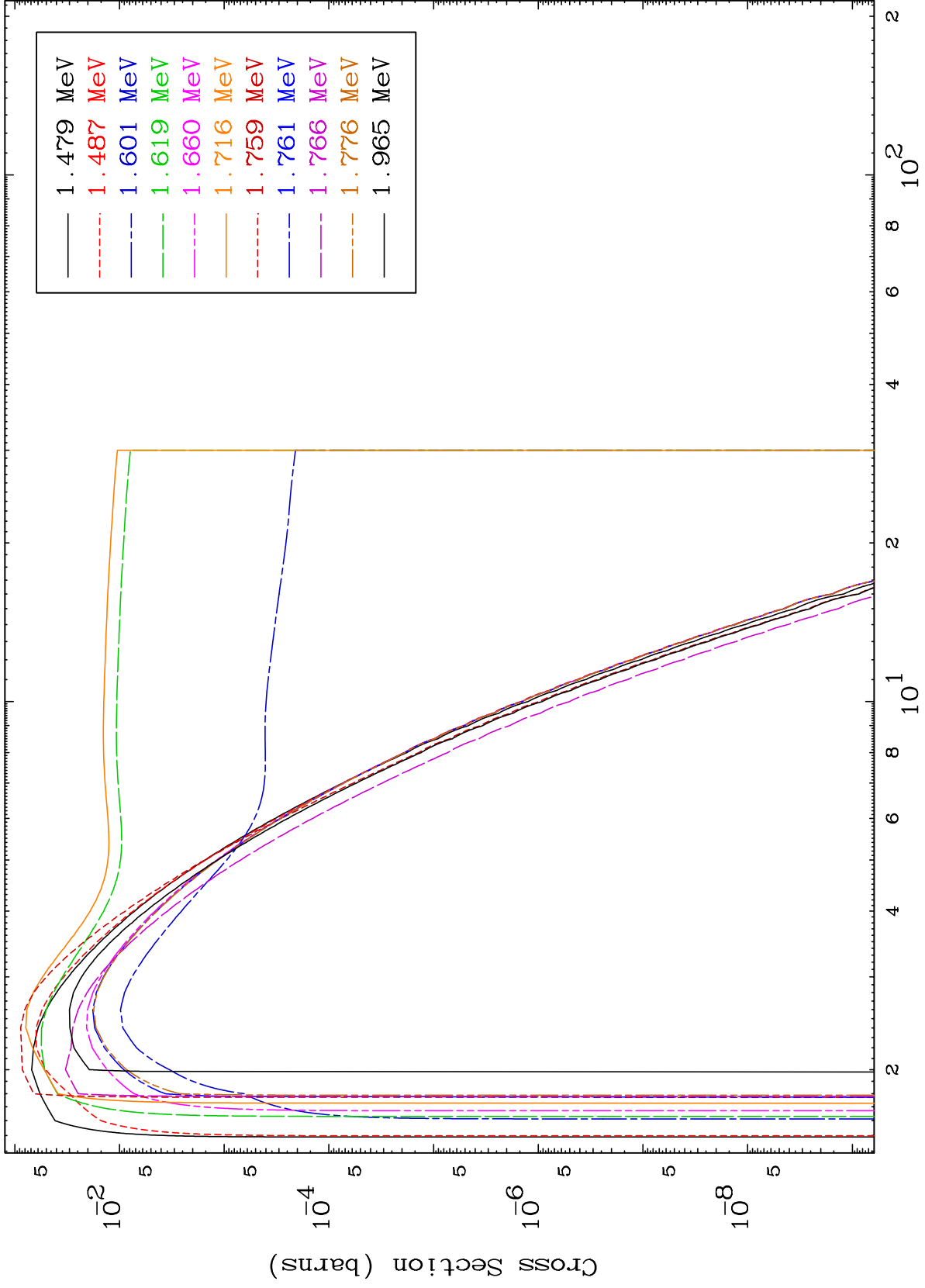
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MAT 6489

(n,n') Level
293 Kelvin Cross Sections

65-Tb-147



8

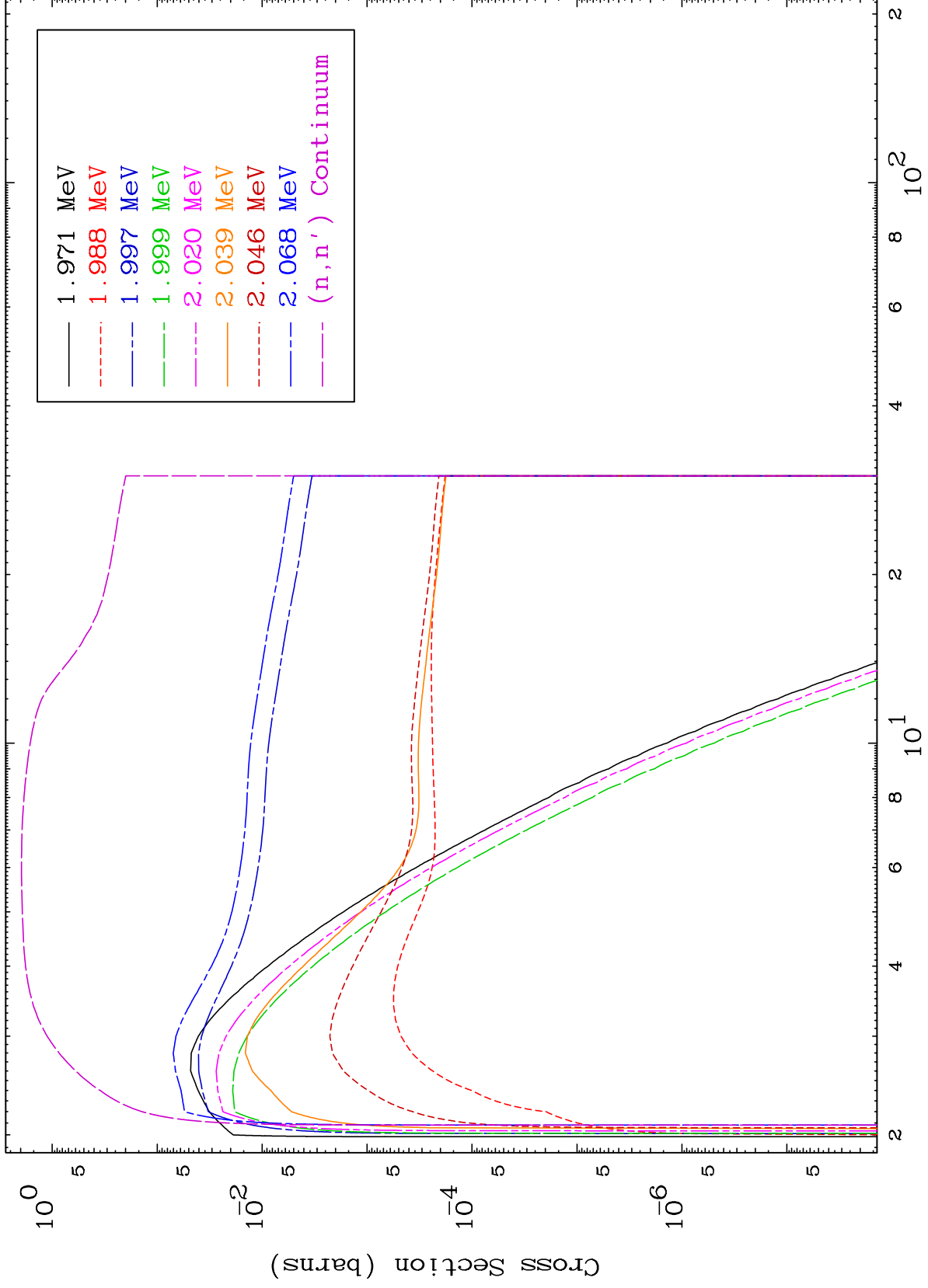
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,n') Level
293 Kelvin Cross Sections

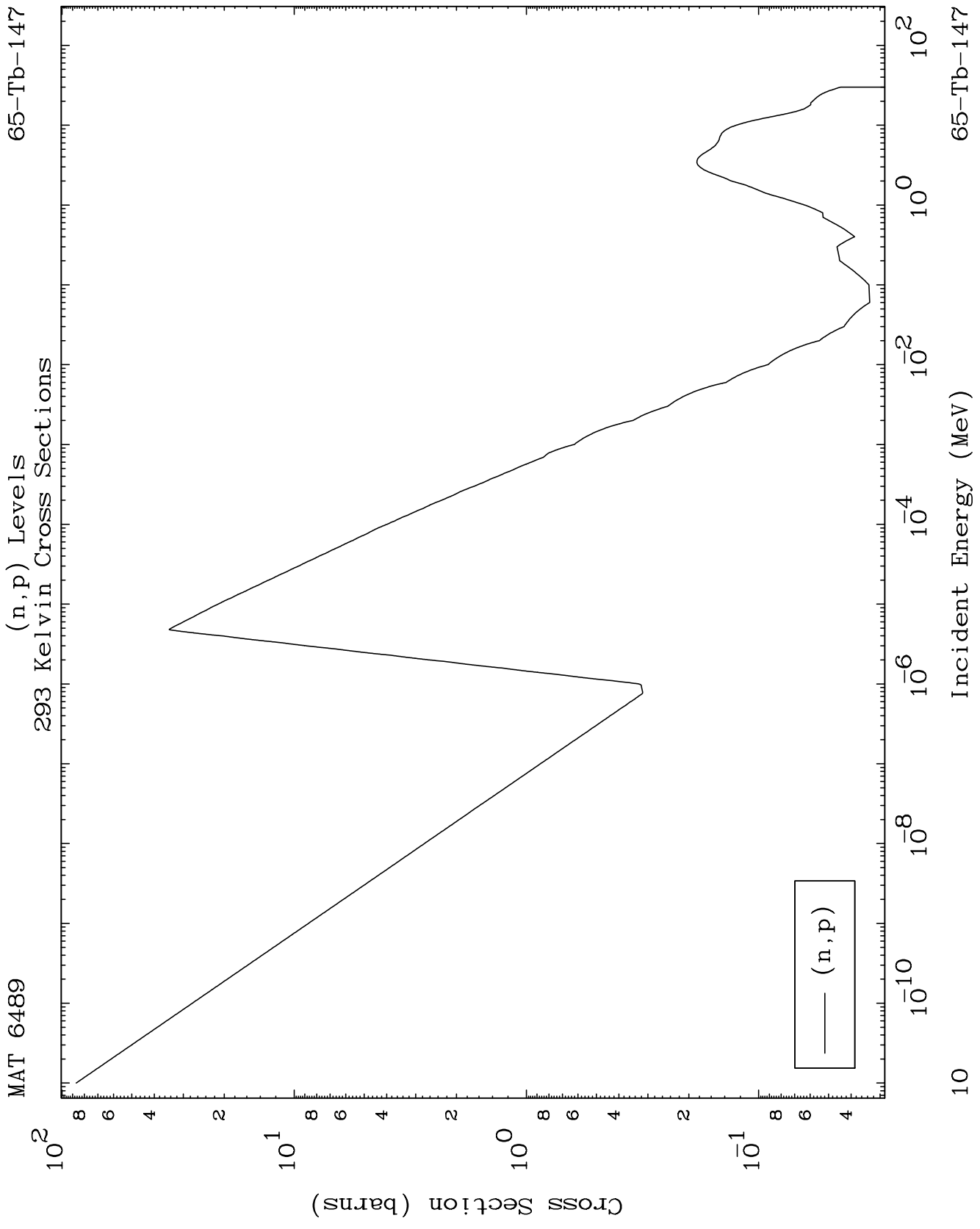
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Incident Energy (MeV)

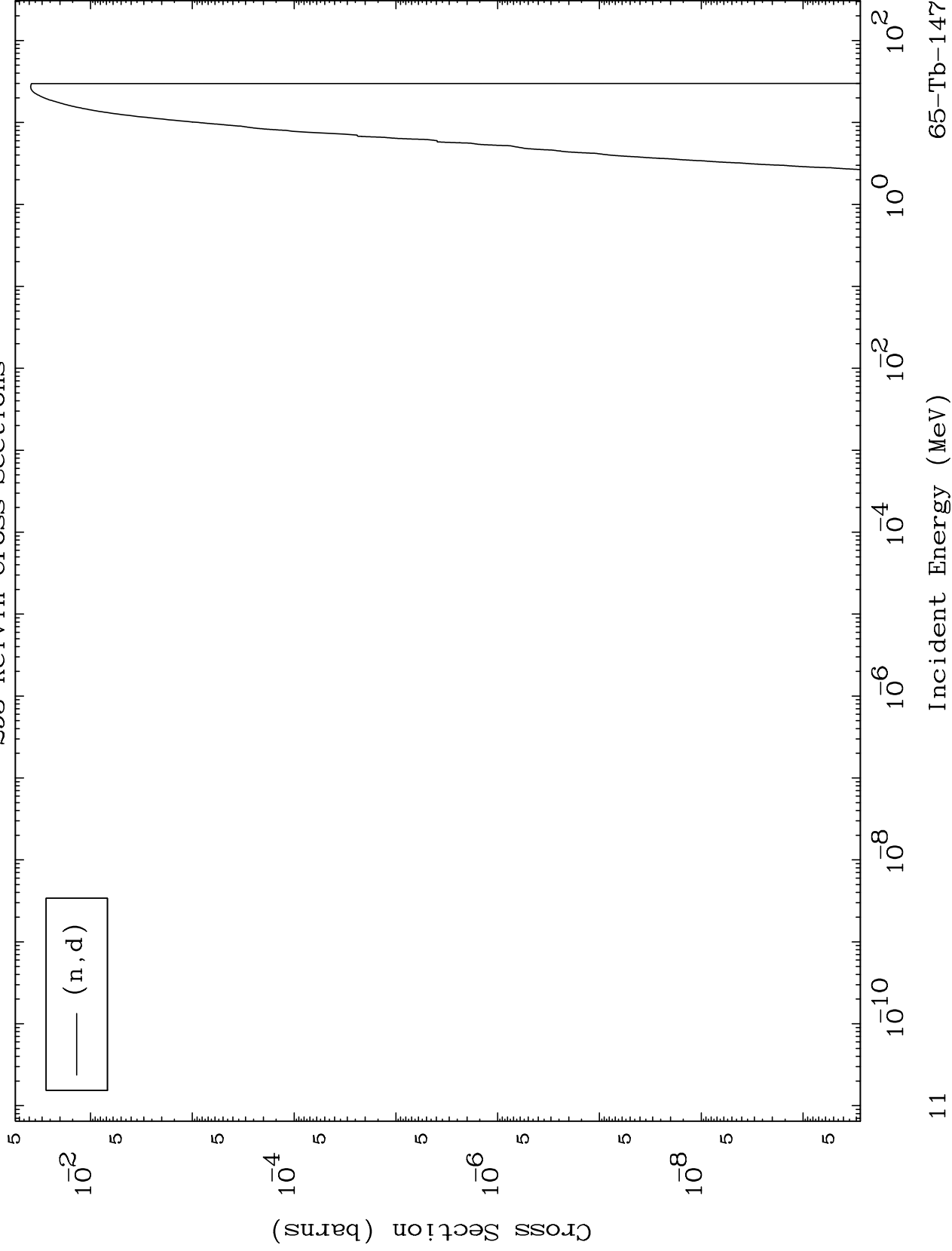
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MAT 6489

(n,d) Levels
293 Kelvin Cross Sections

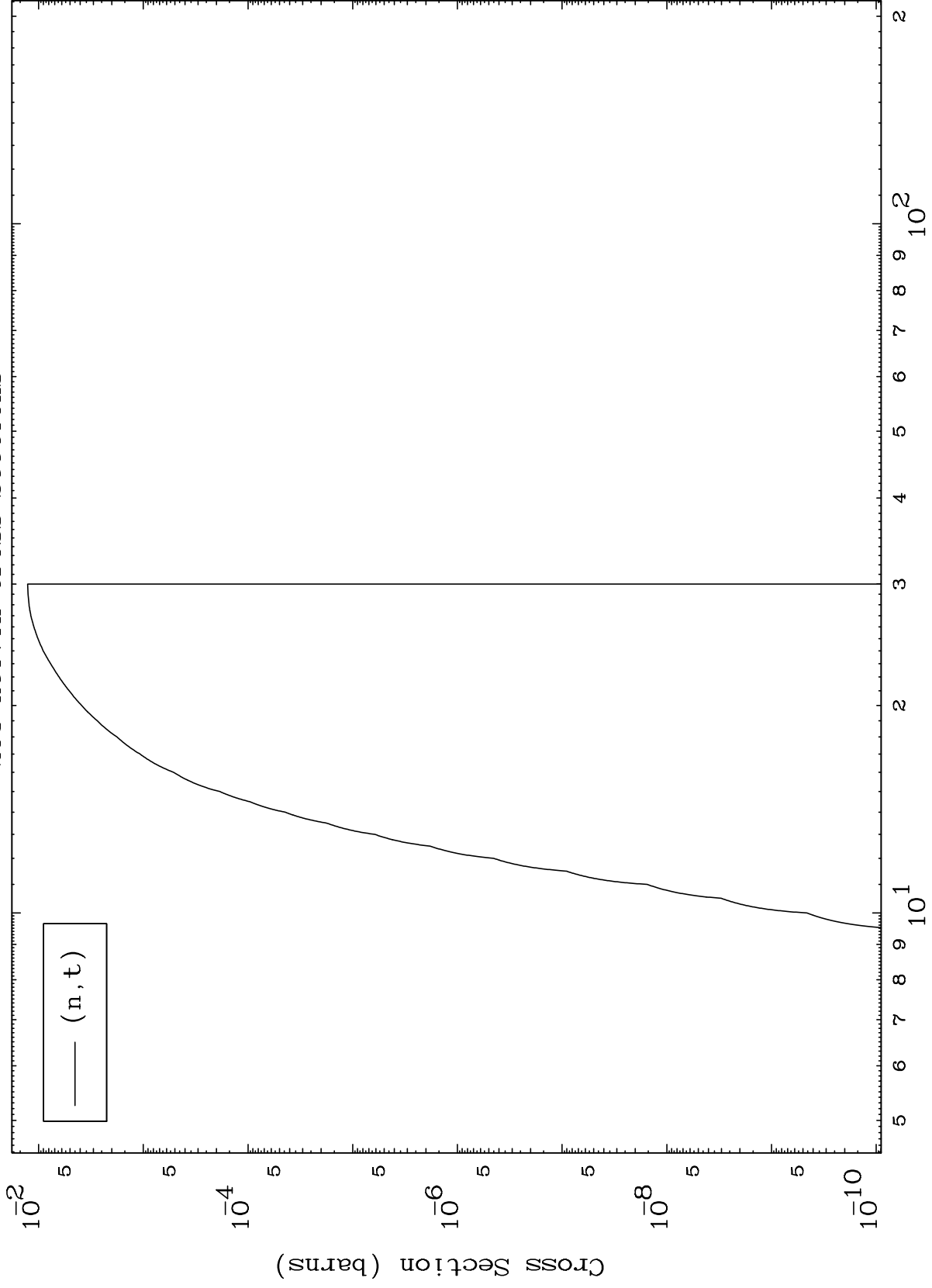
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MAT 6489

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-147



12

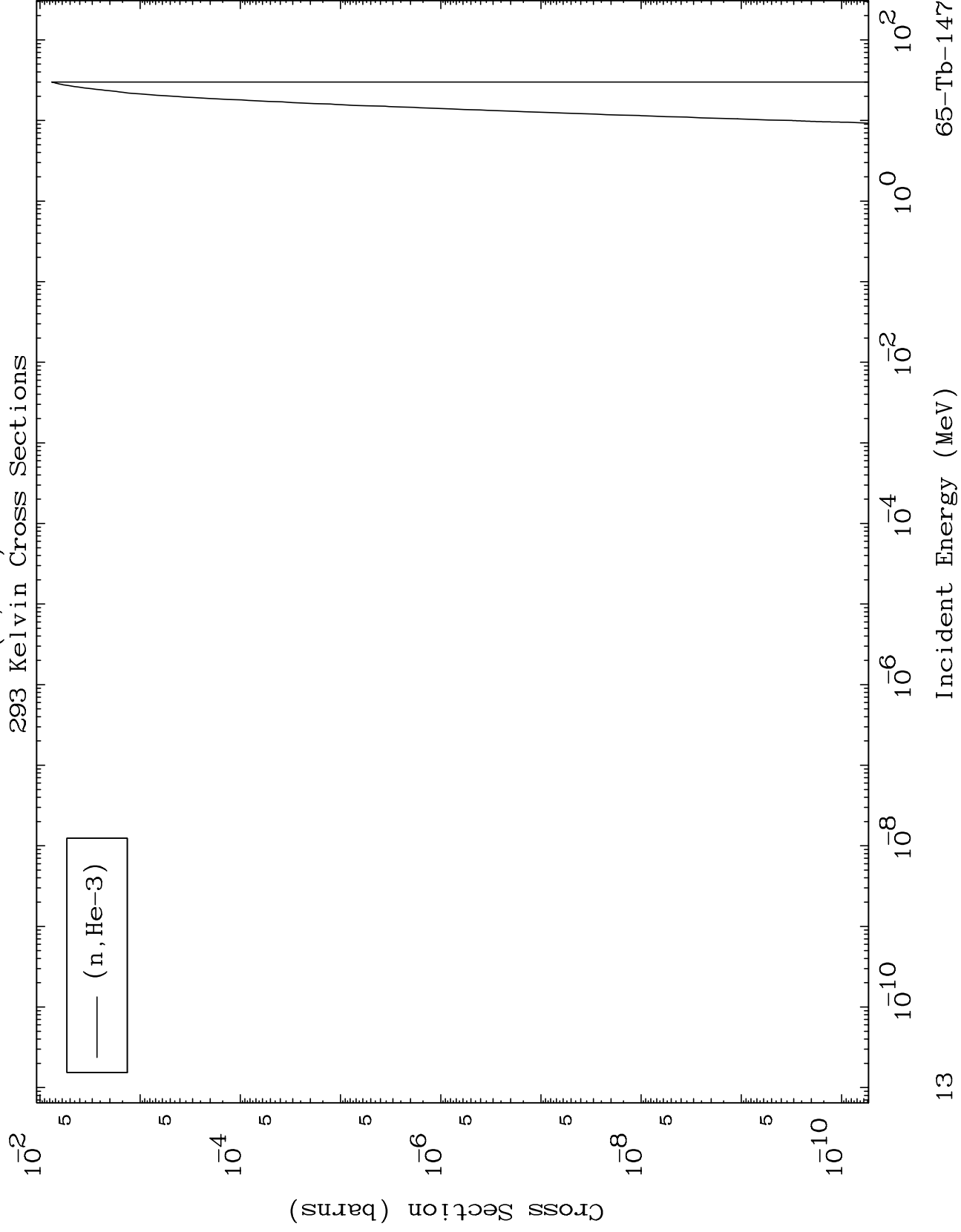
Incident Energy (MeV)

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MAT 6489

(n,He3) Levels
293 Kelvin Cross Sections

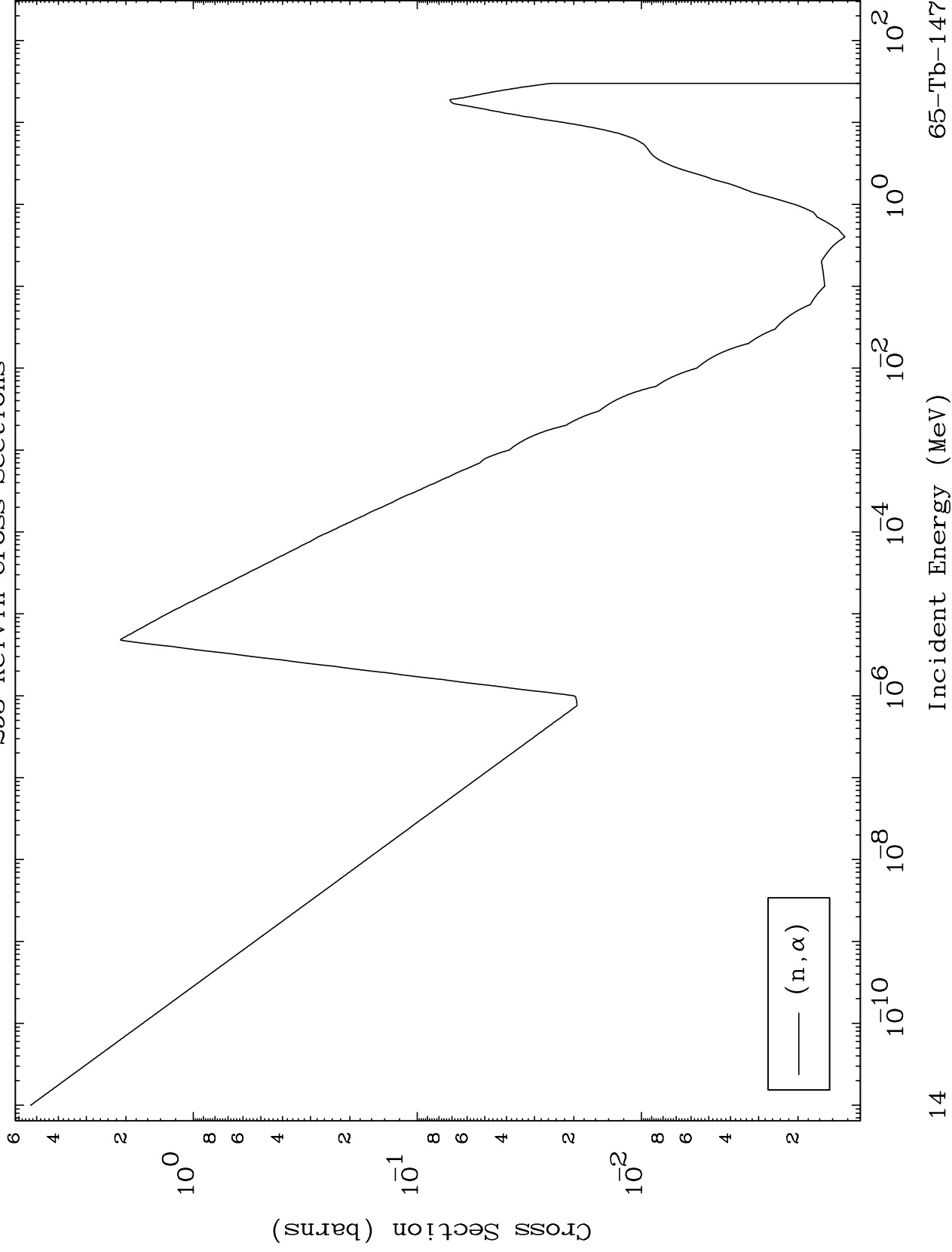
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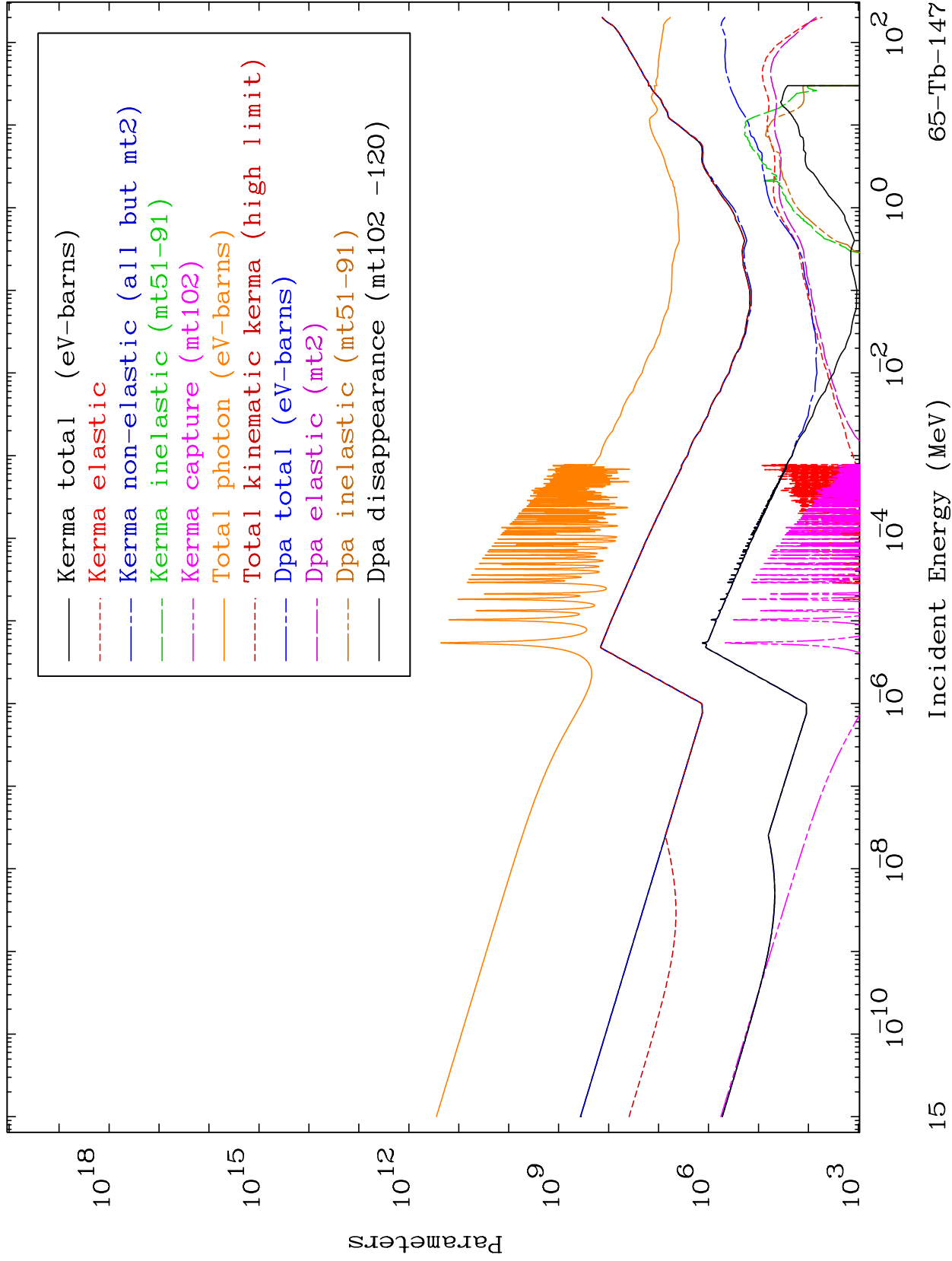


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(n, α) Levels
293 Kelvin Cross Sections

65-Tb-147

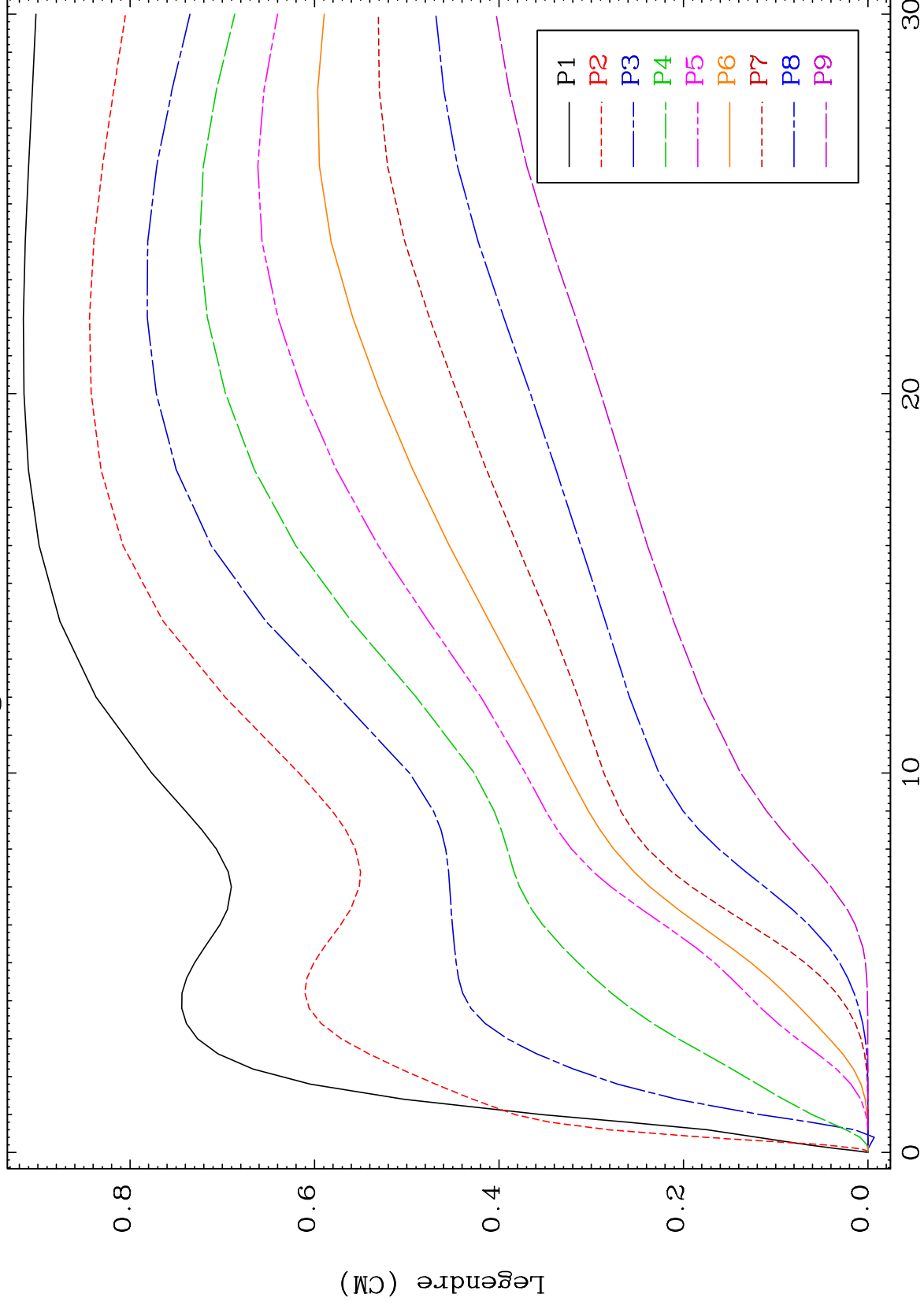




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Elastic Legendre Coefficients

65-Tb-147



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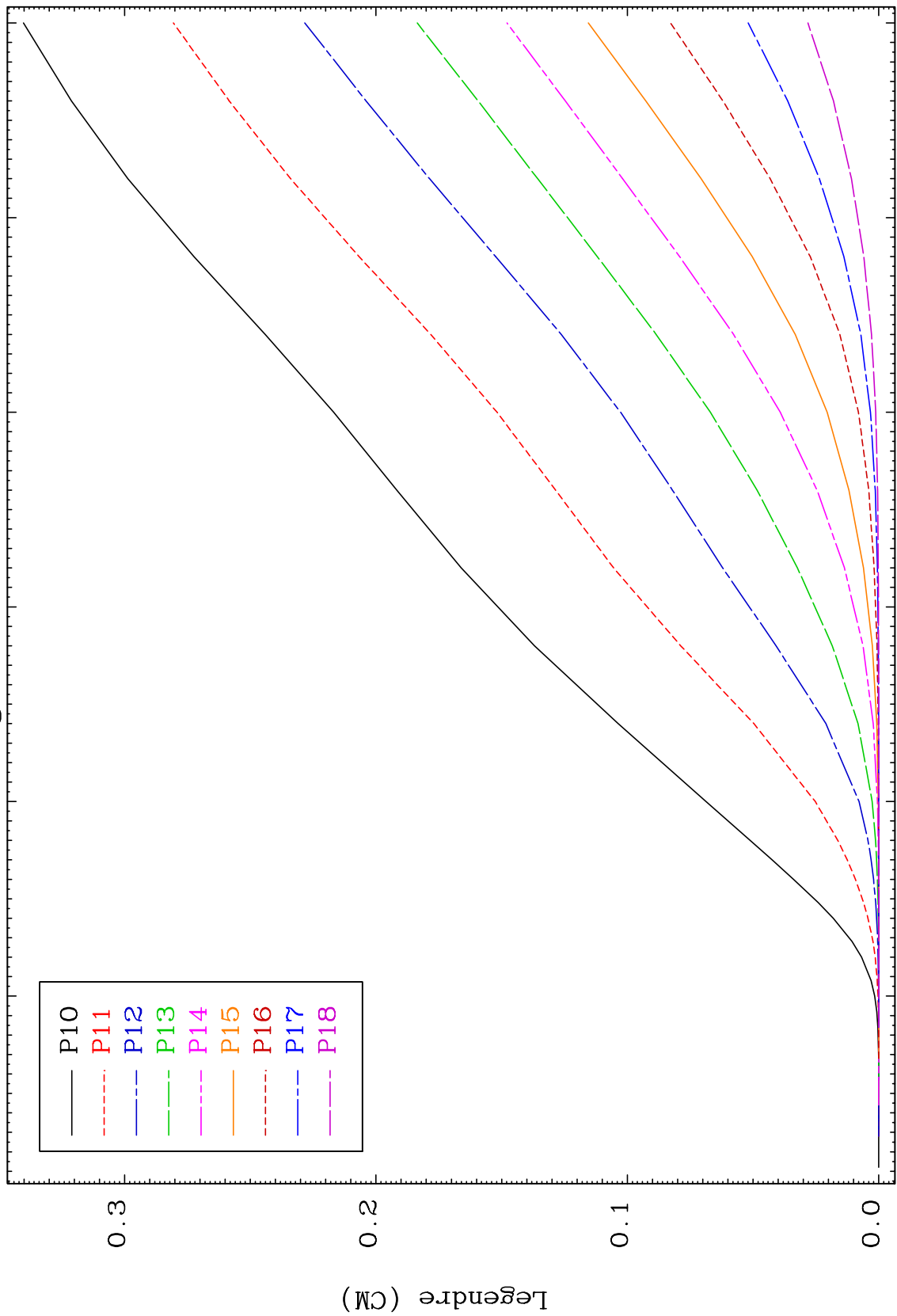
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



17

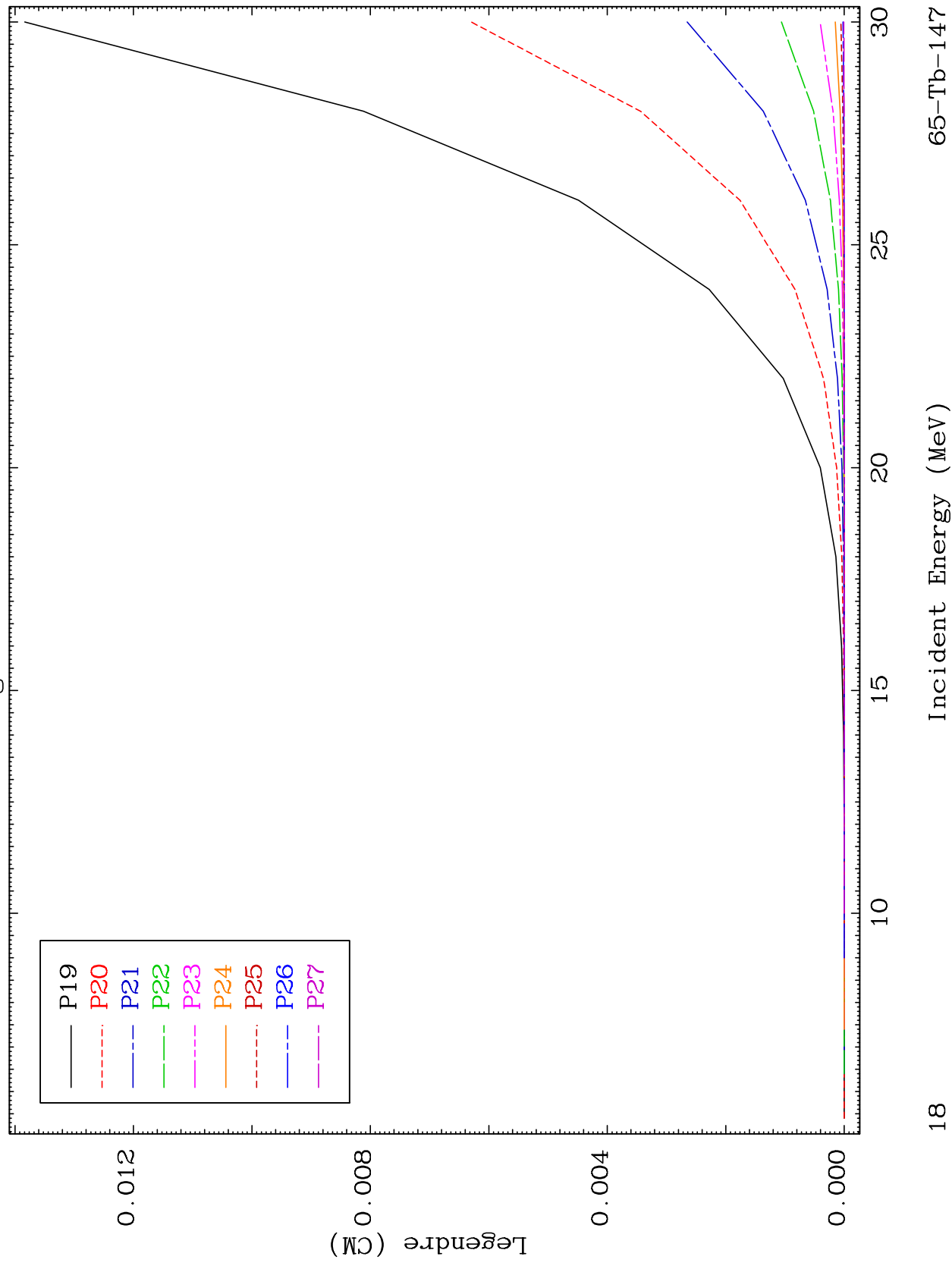
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



18

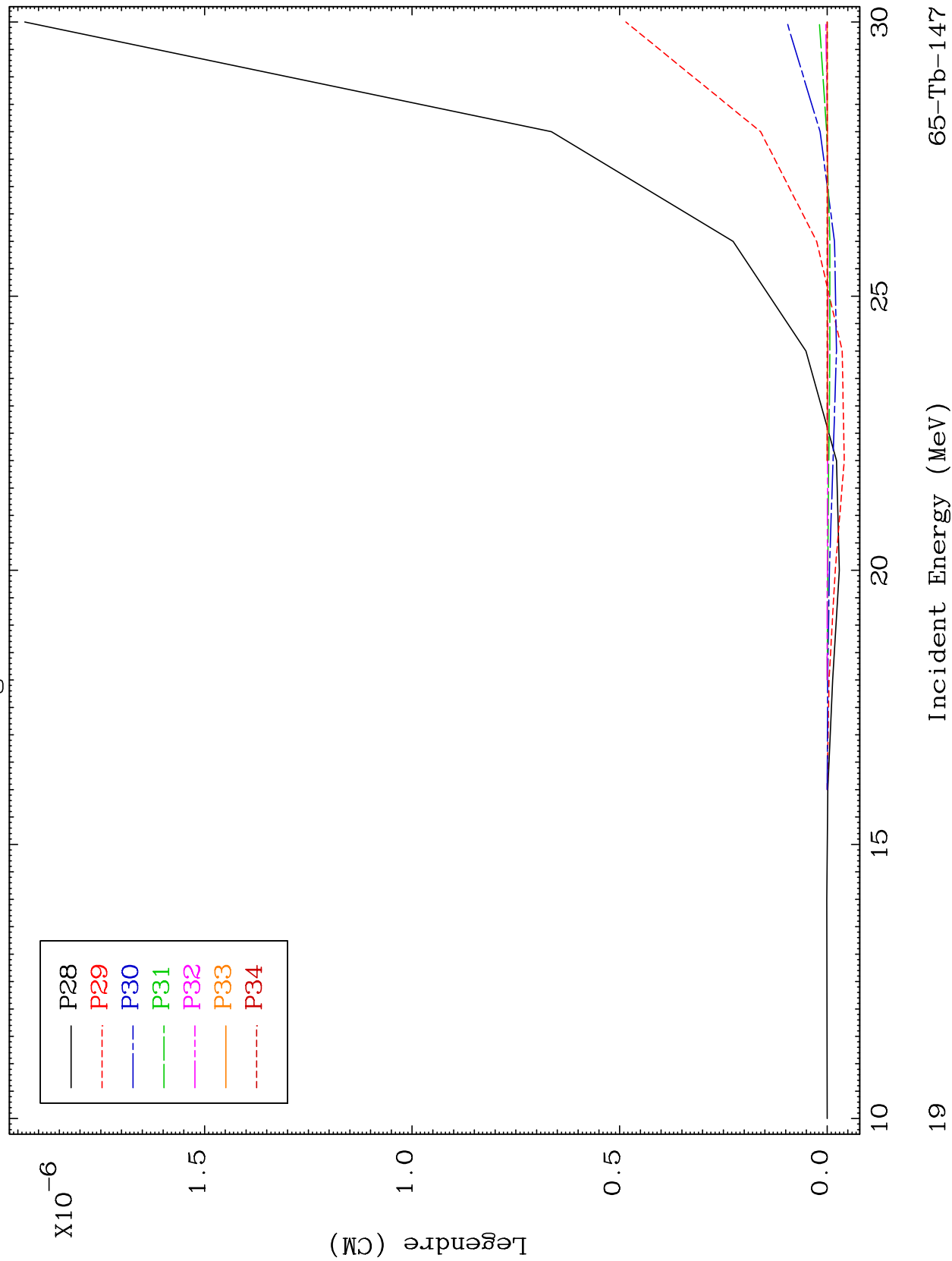
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

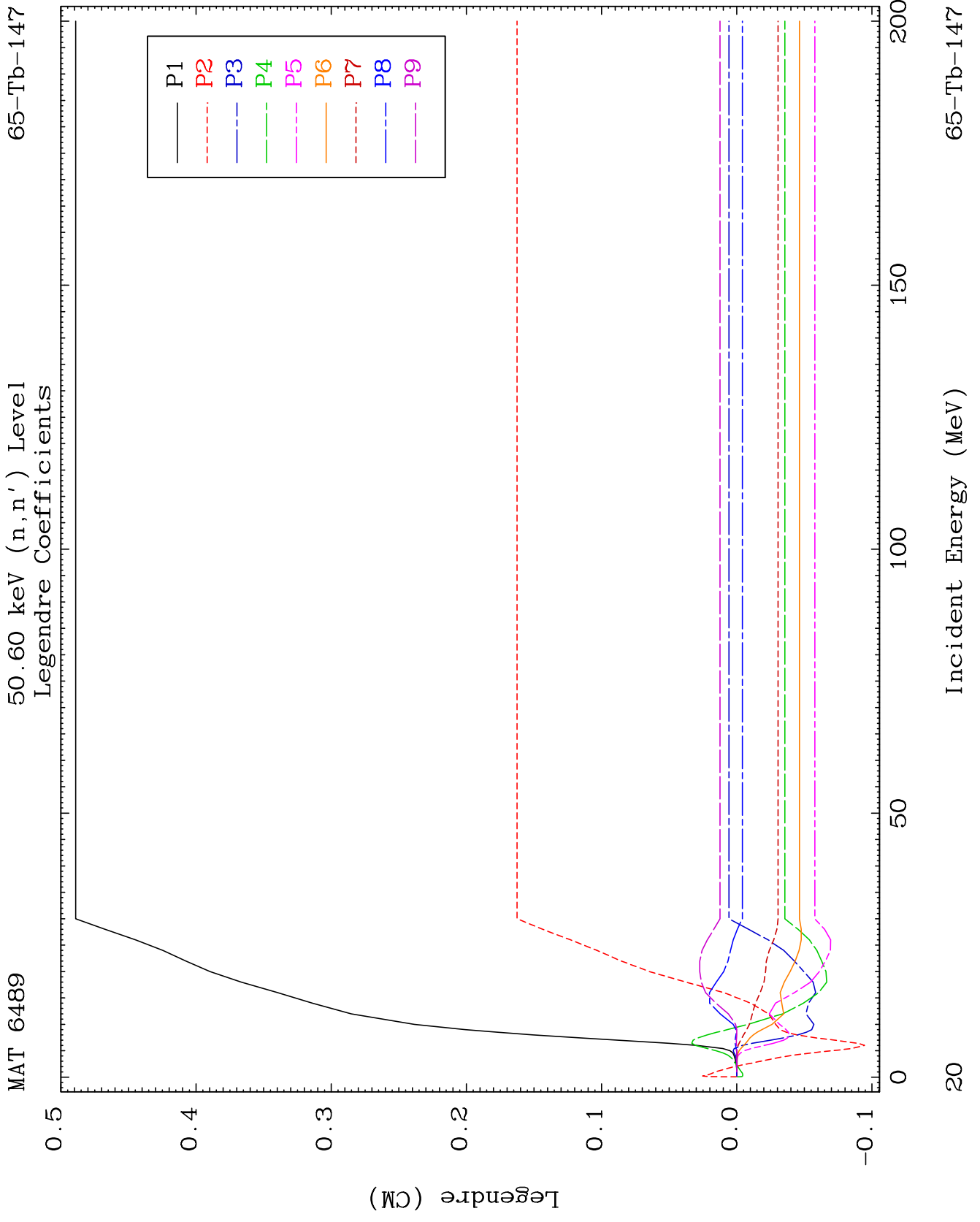
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19

Incident Energy (MeV)

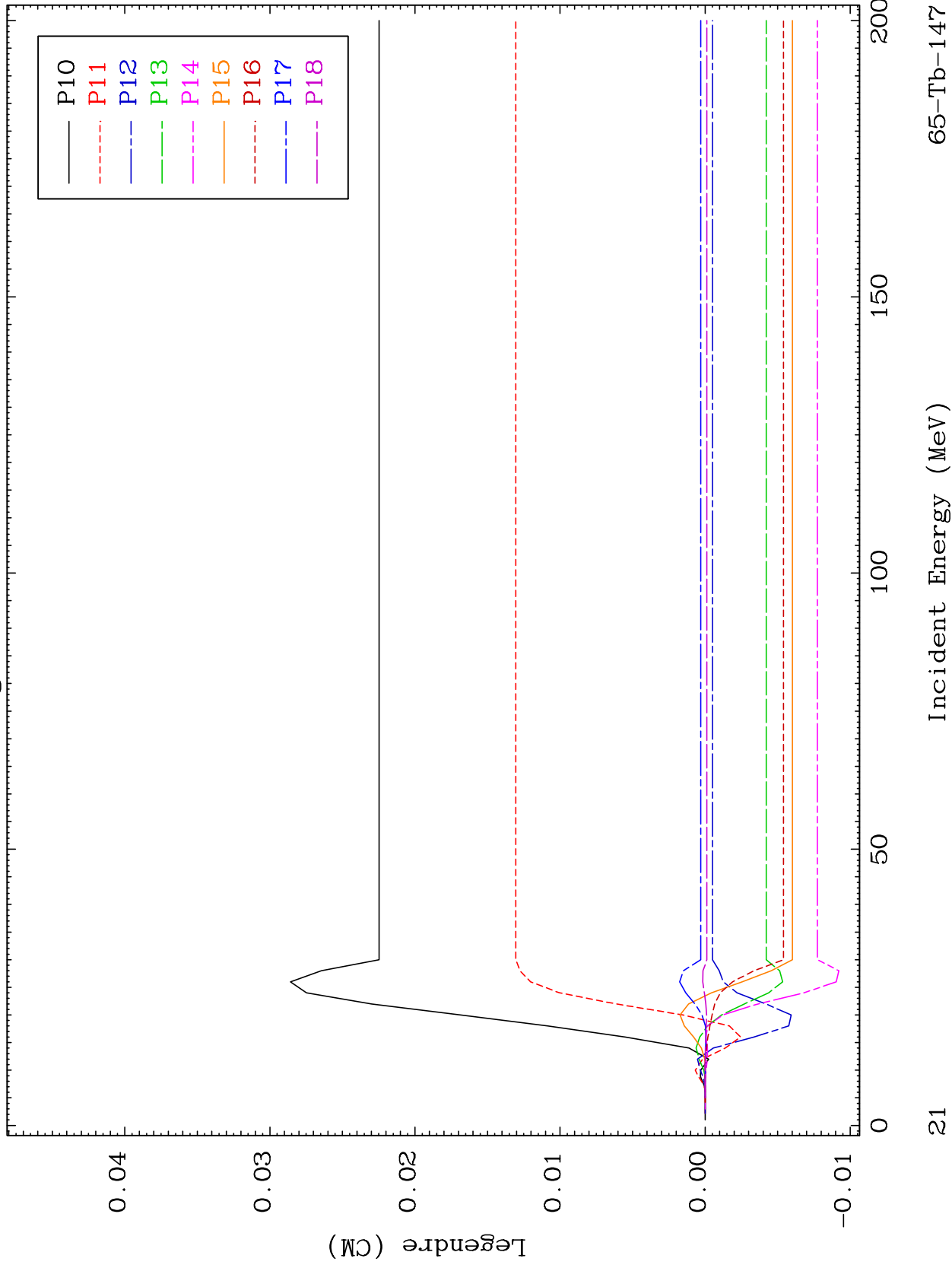
65-Tb-147



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50.60 keV (n,n') Level
Legendre Coefficients

65-Tb-147



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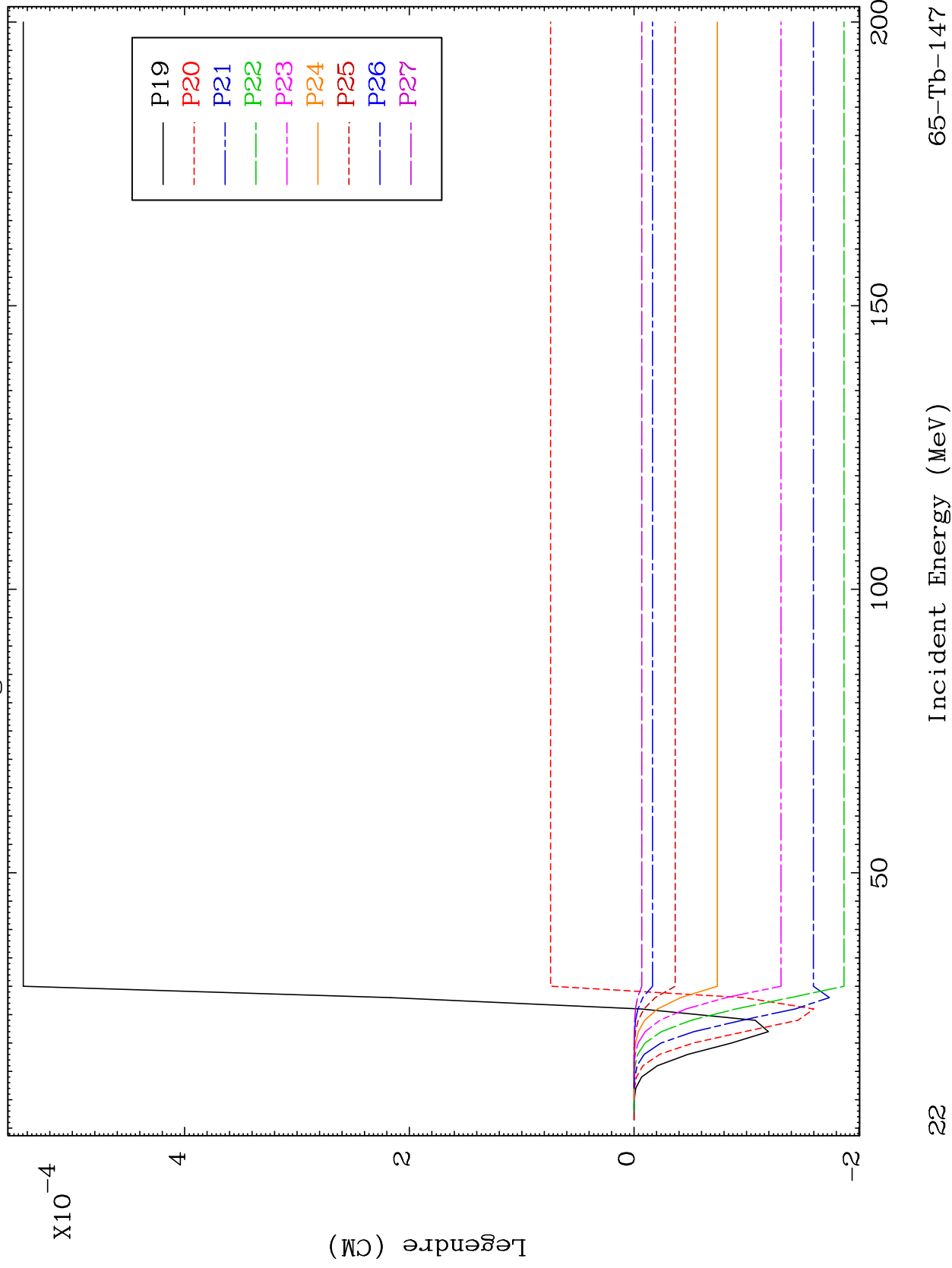
Incident Energy (MeV)

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MAT 6489

50.60 keV (n,n') Level
Legendre Coefficients

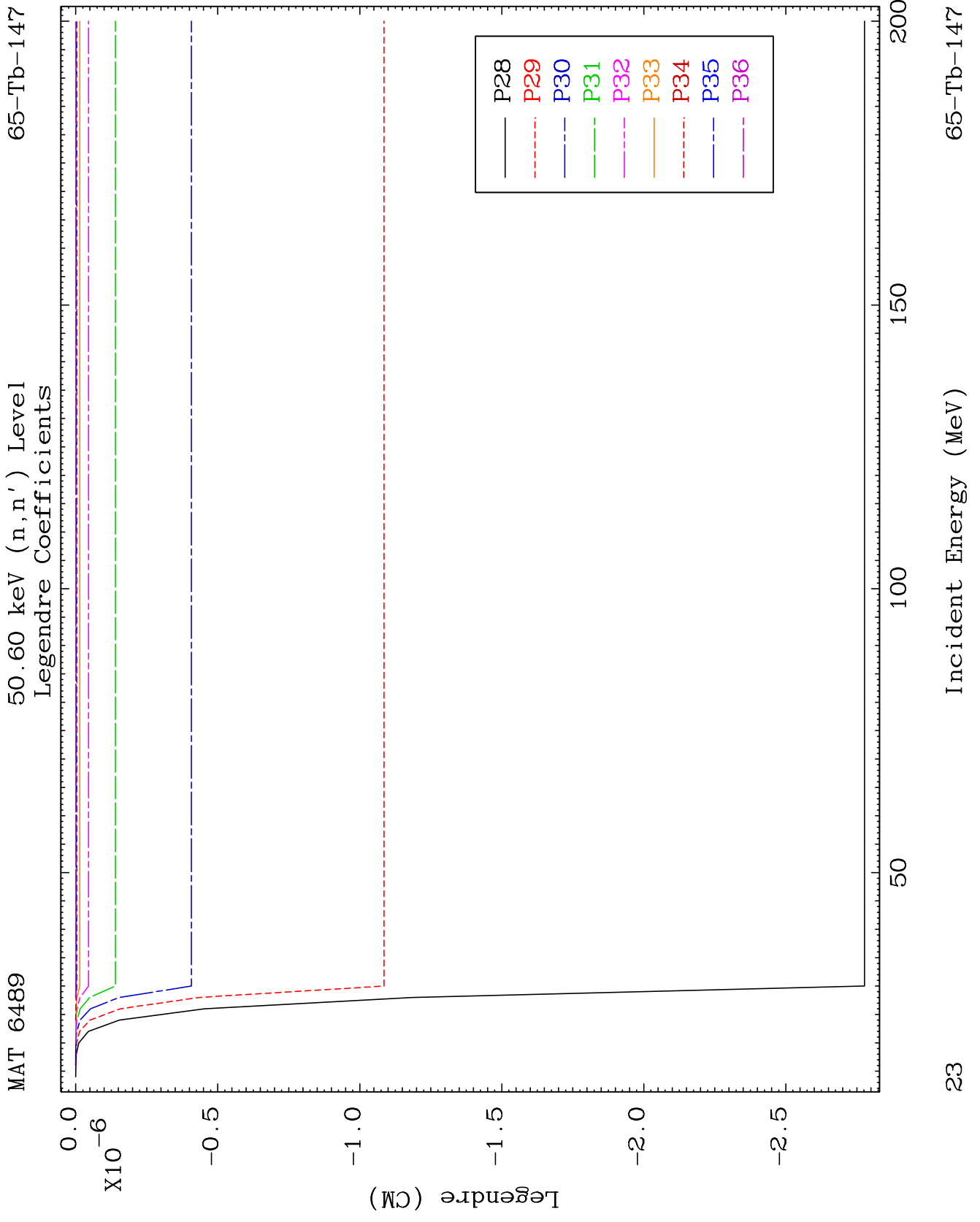
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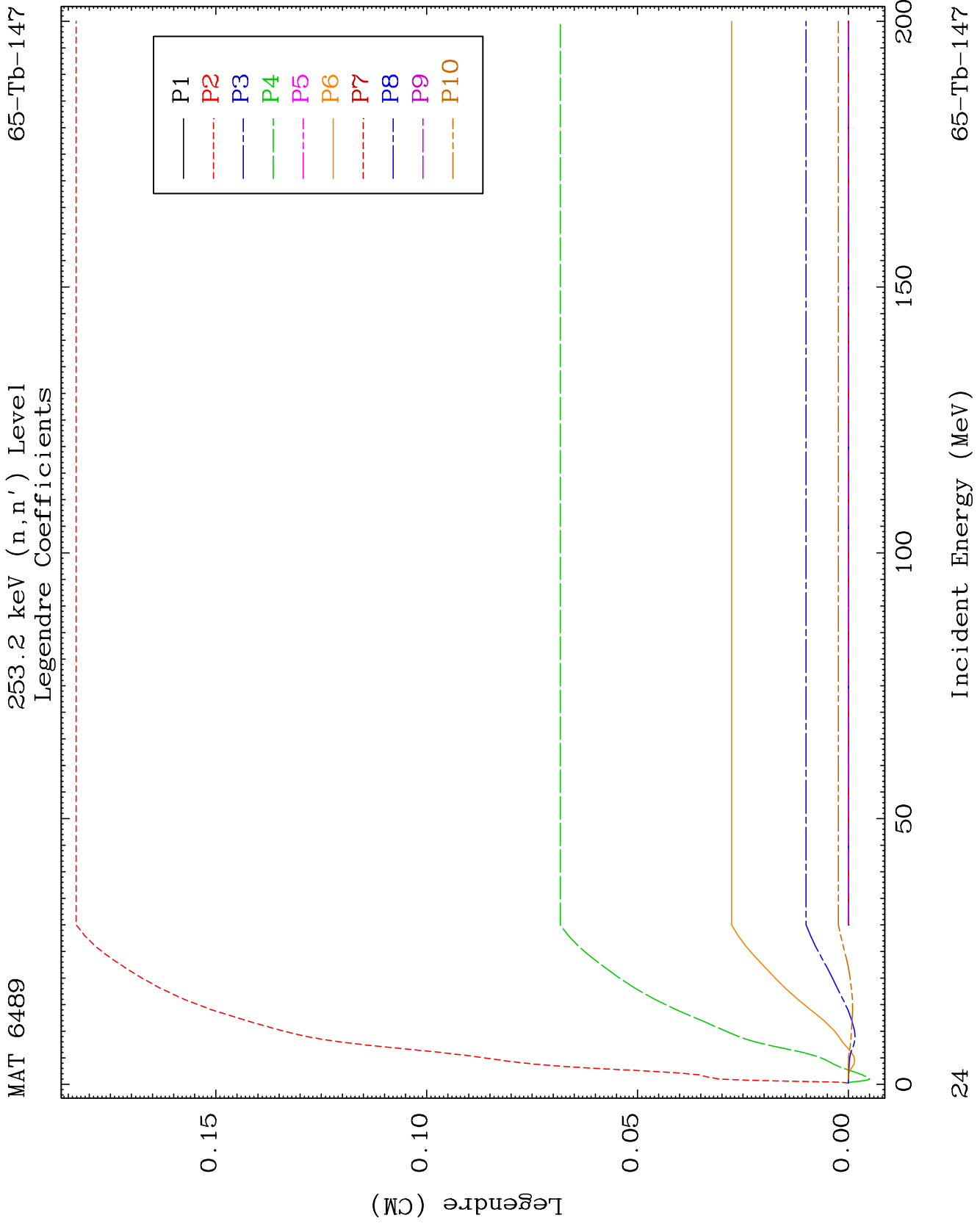


22

Incident Energy (MeV)

65-Tb-147

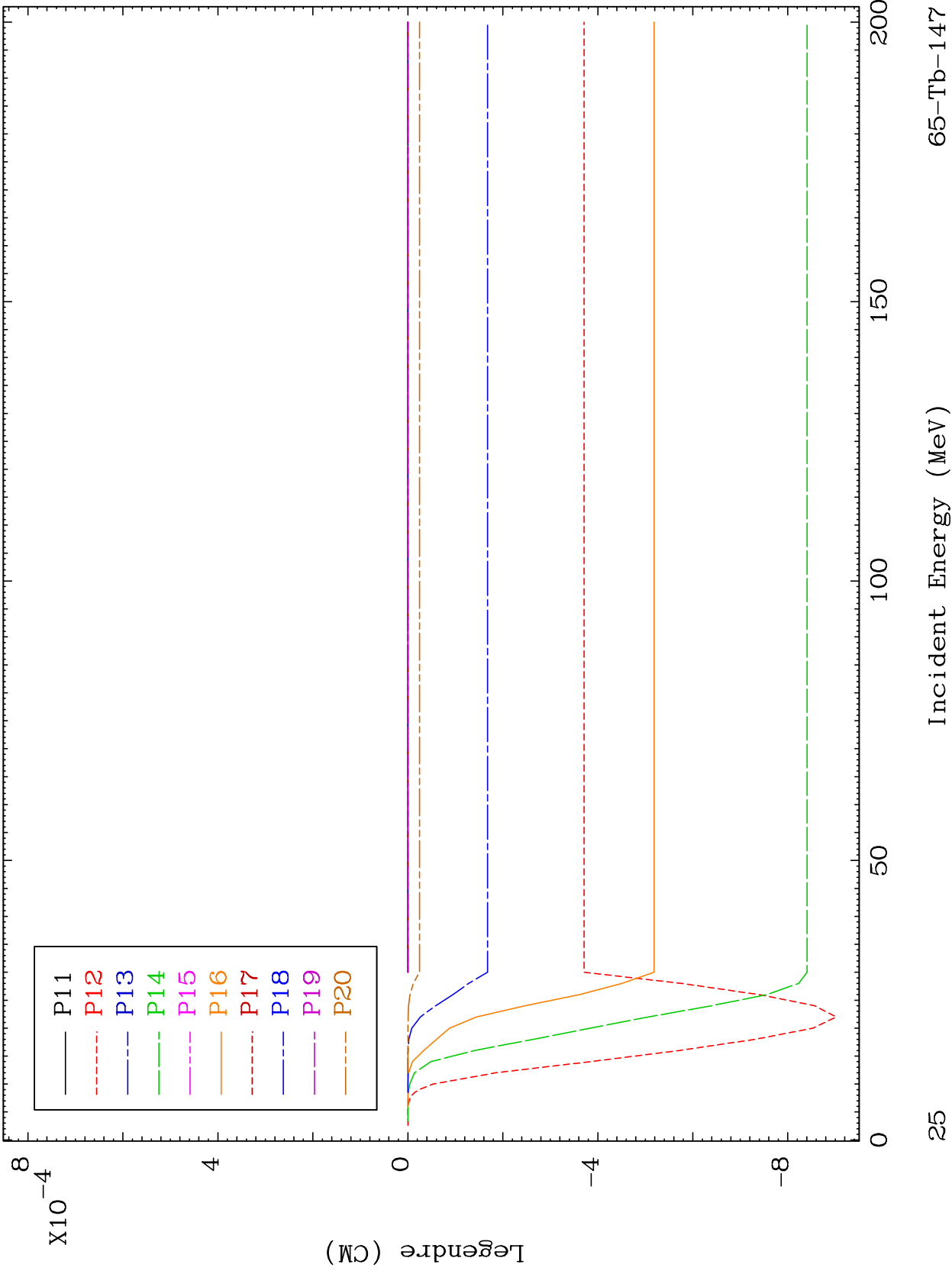


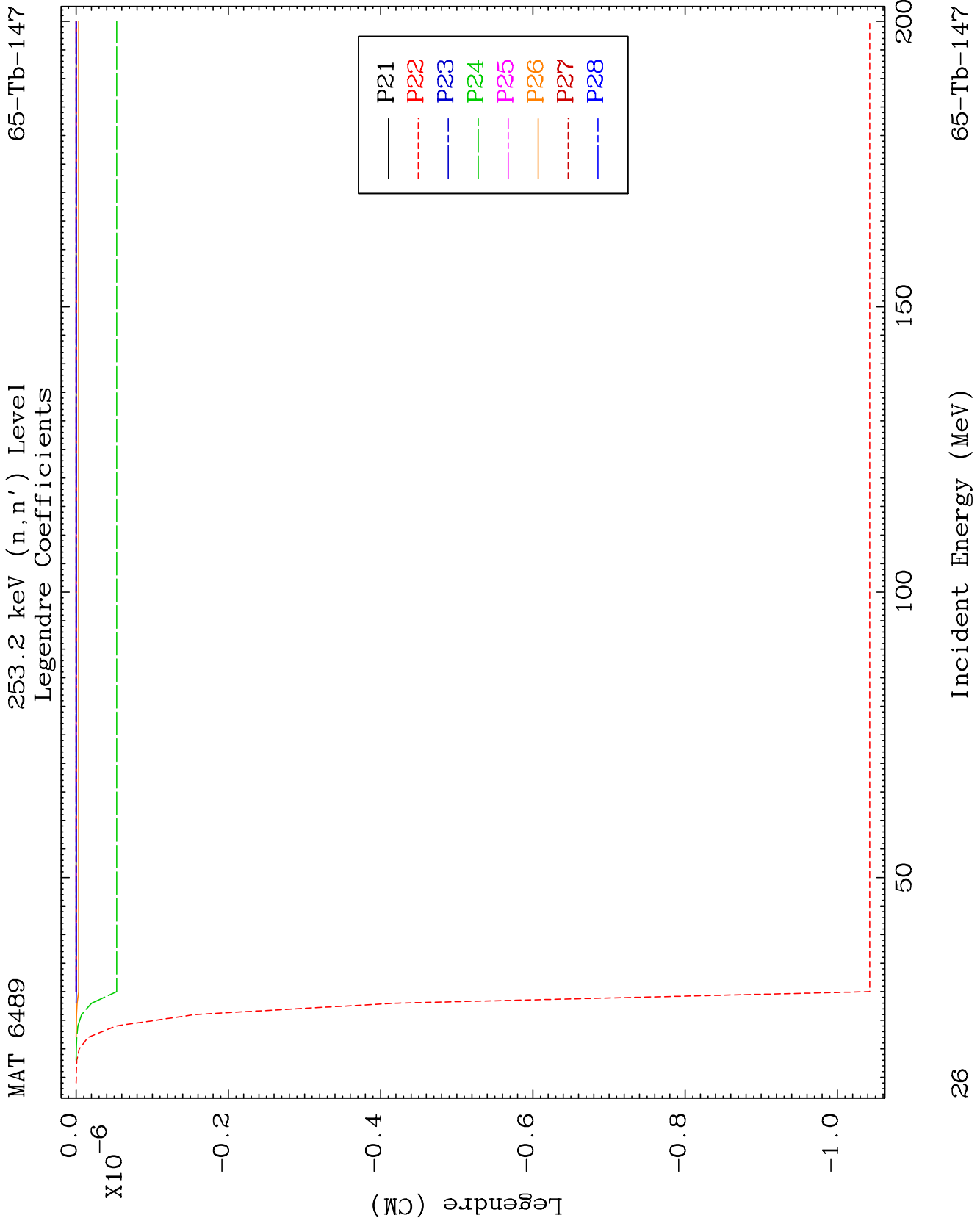


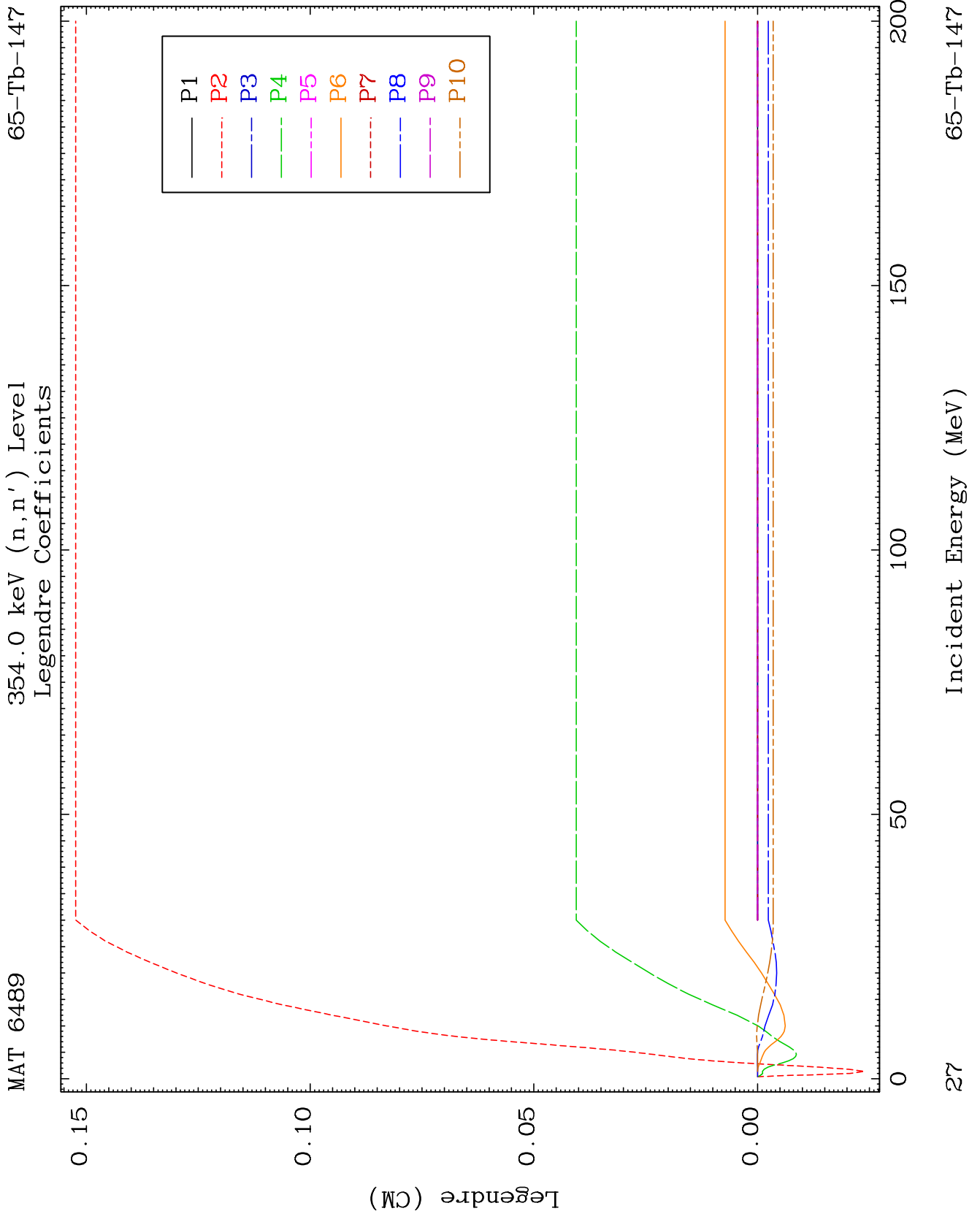
MAT 6489

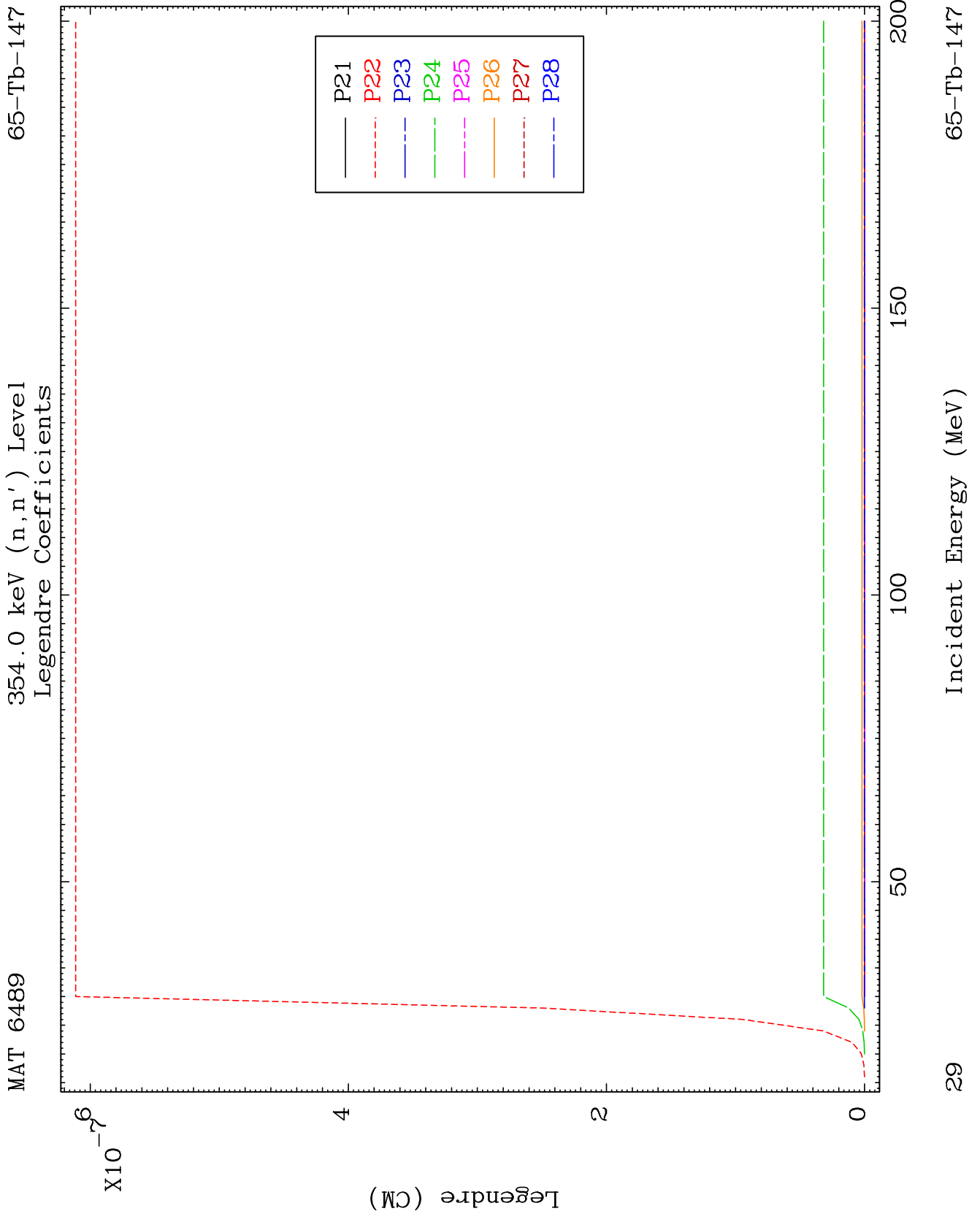
253.2 keV (n,n') Level
Legendre Coefficients

65-Tb-147





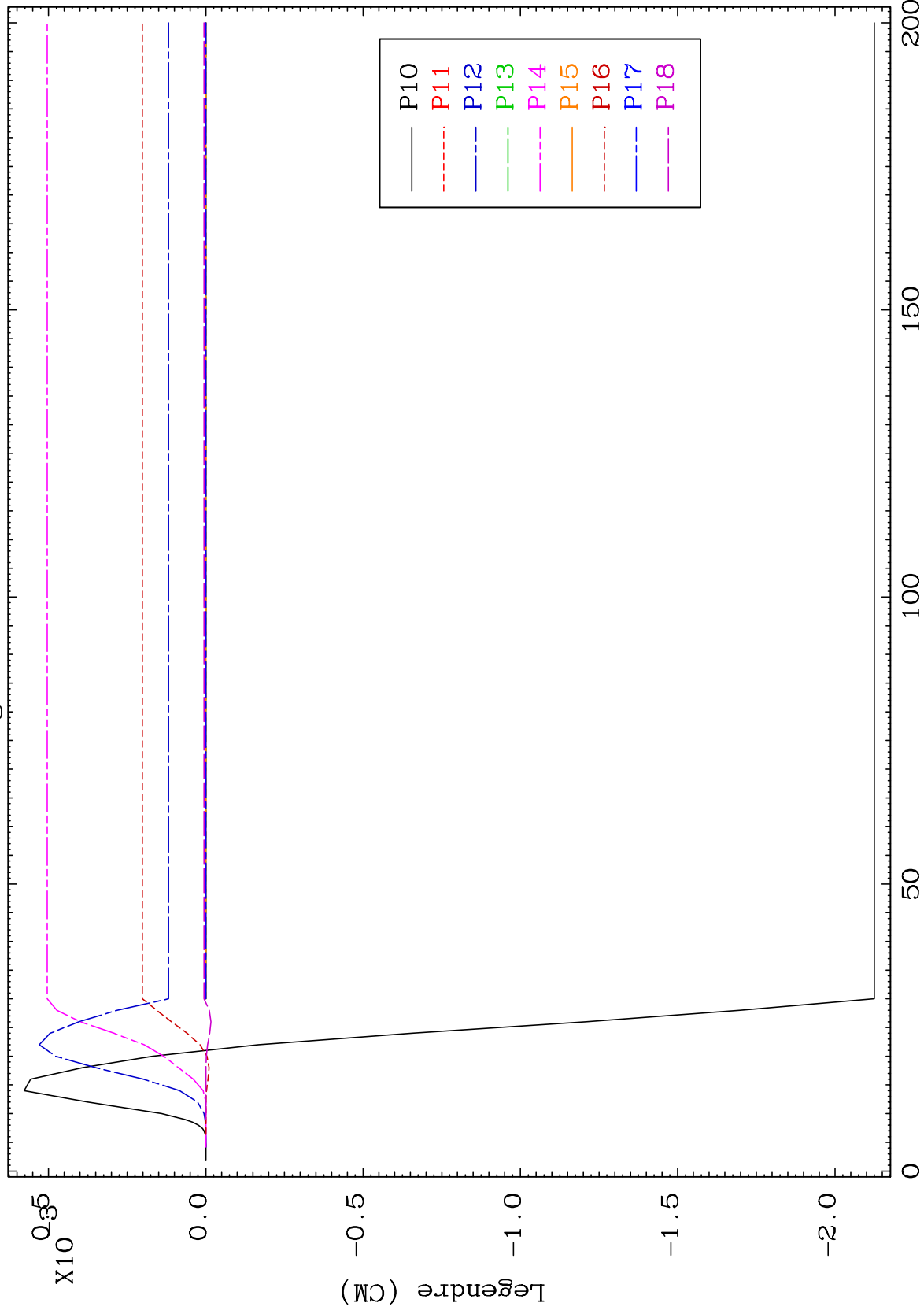




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719.2 keV (n,n') Level
Legendre Coefficients

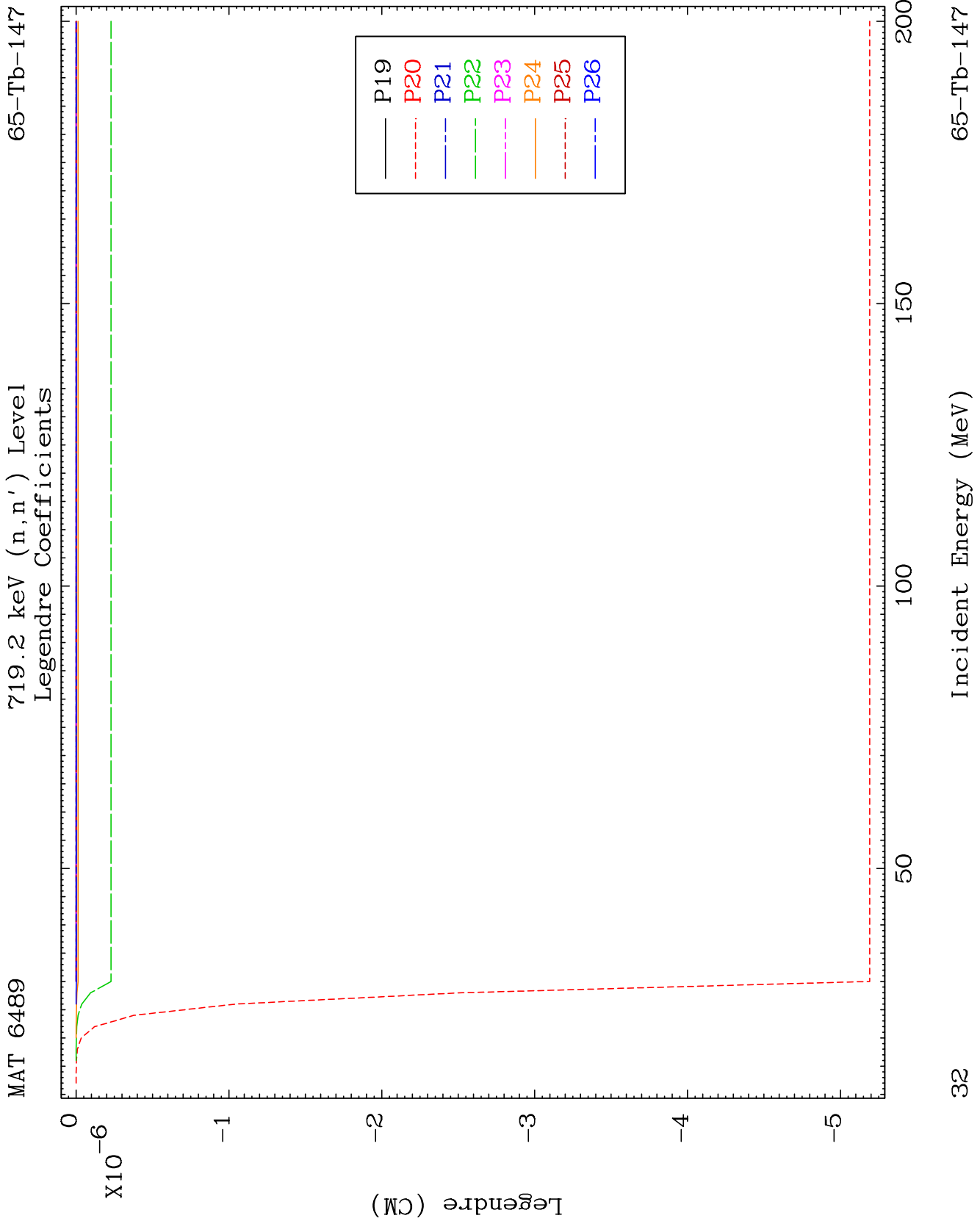
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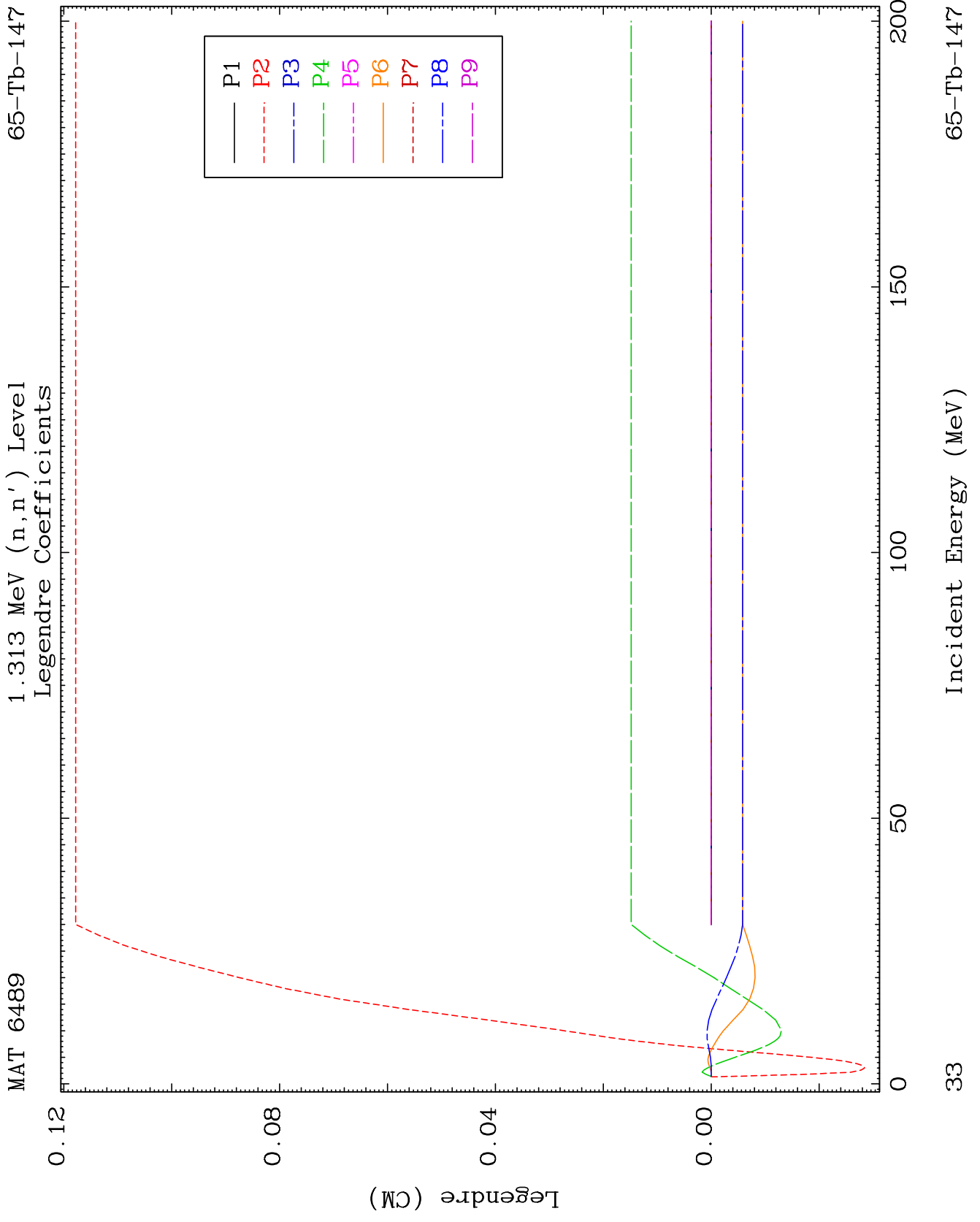


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Incident Energy (MeV)

65-Tb-147

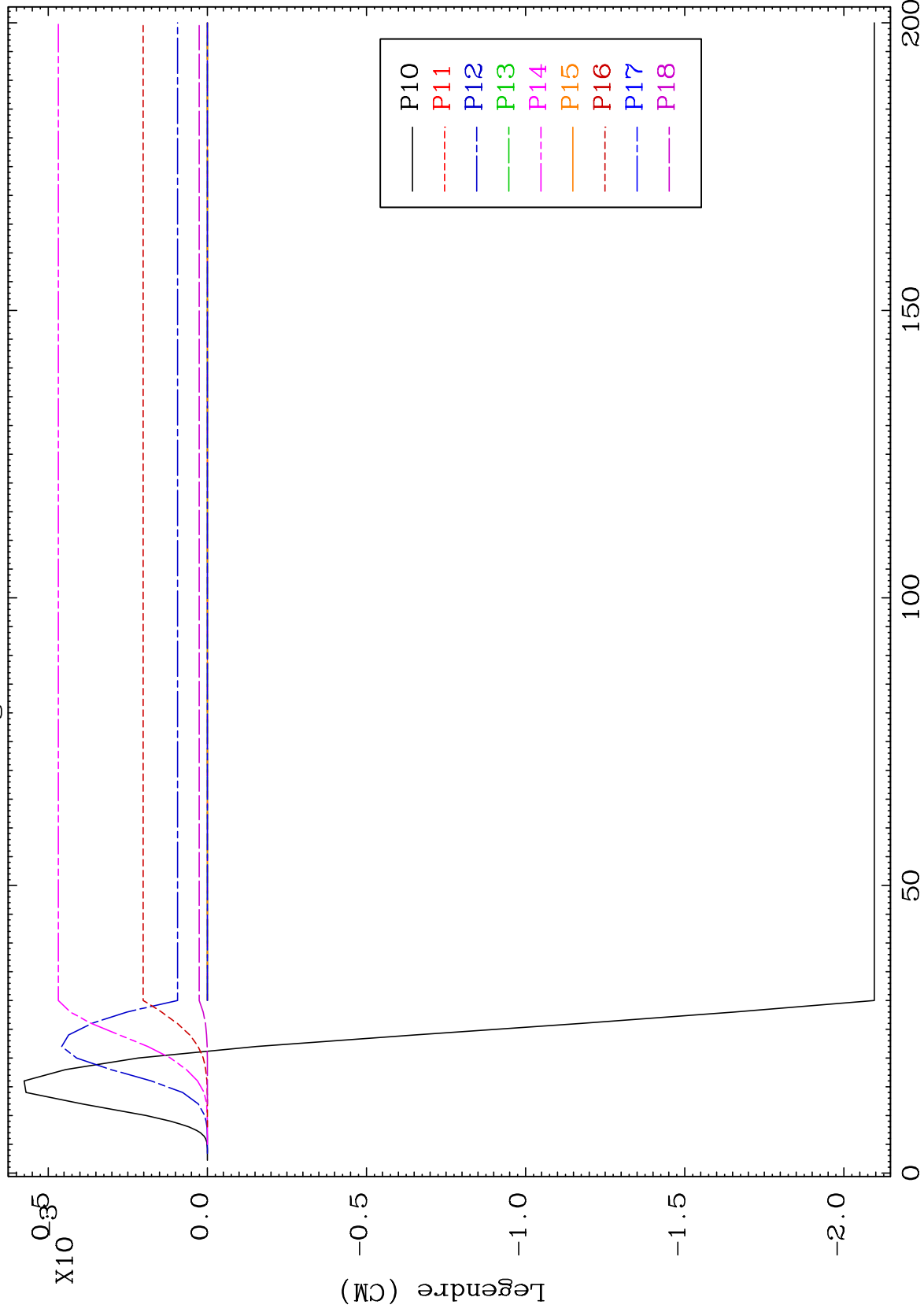




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1.313 MeV (n,n') Level
Legendre Coefficients

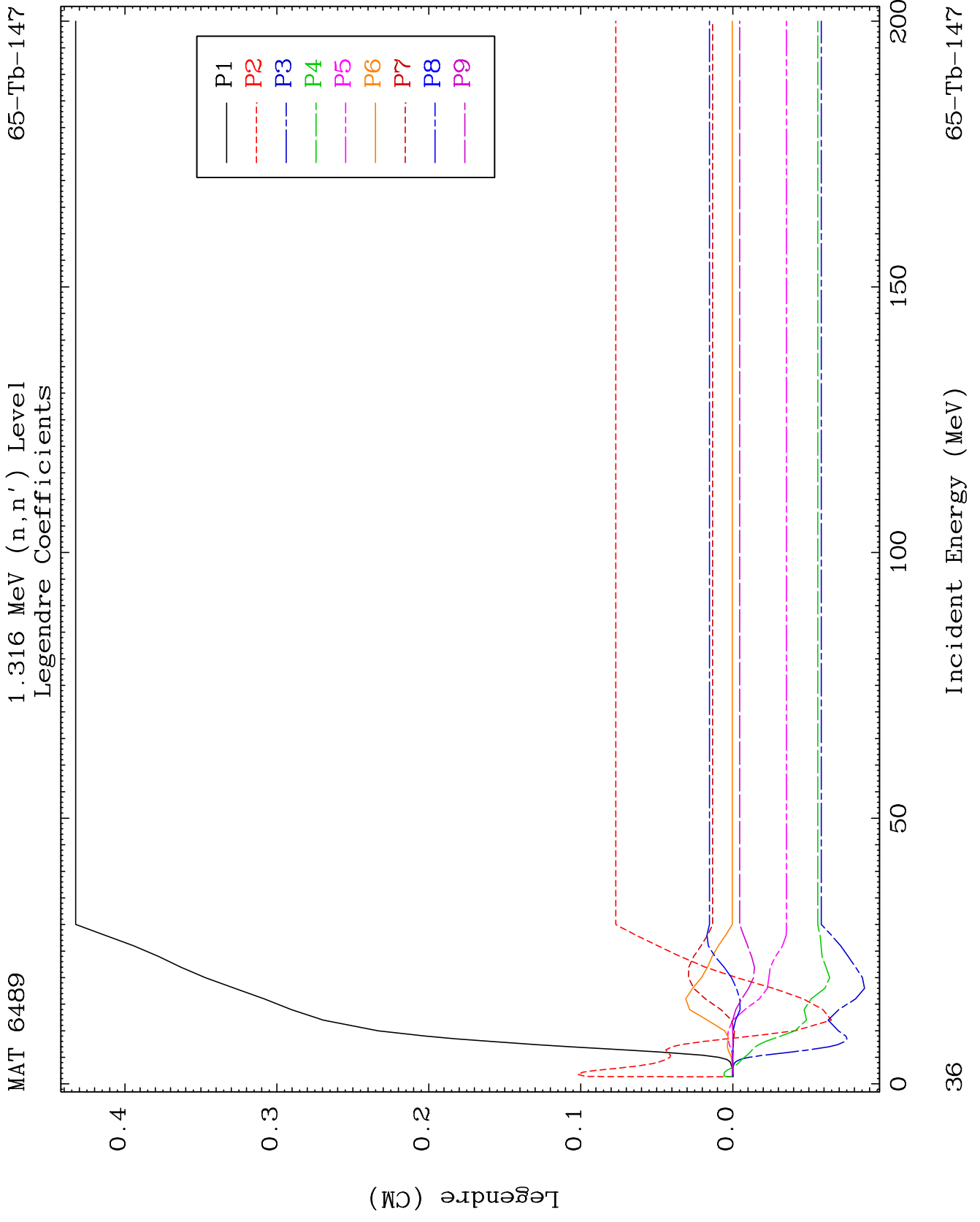
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34

Incident Energy (MeV)

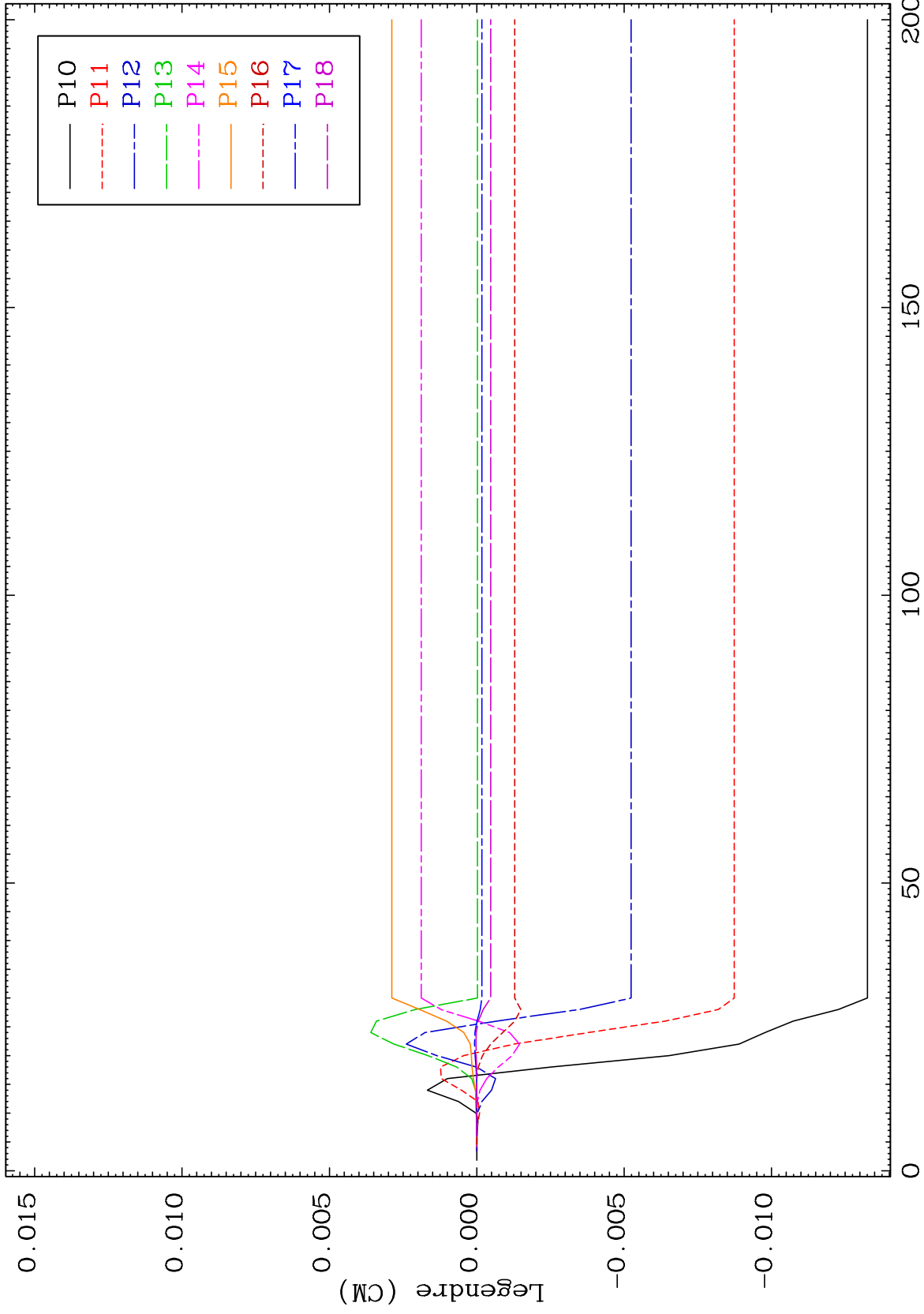
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MAT 6489

1.316 MeV (n,n') Level
Legendre Coefficients

65-Tb-147



37

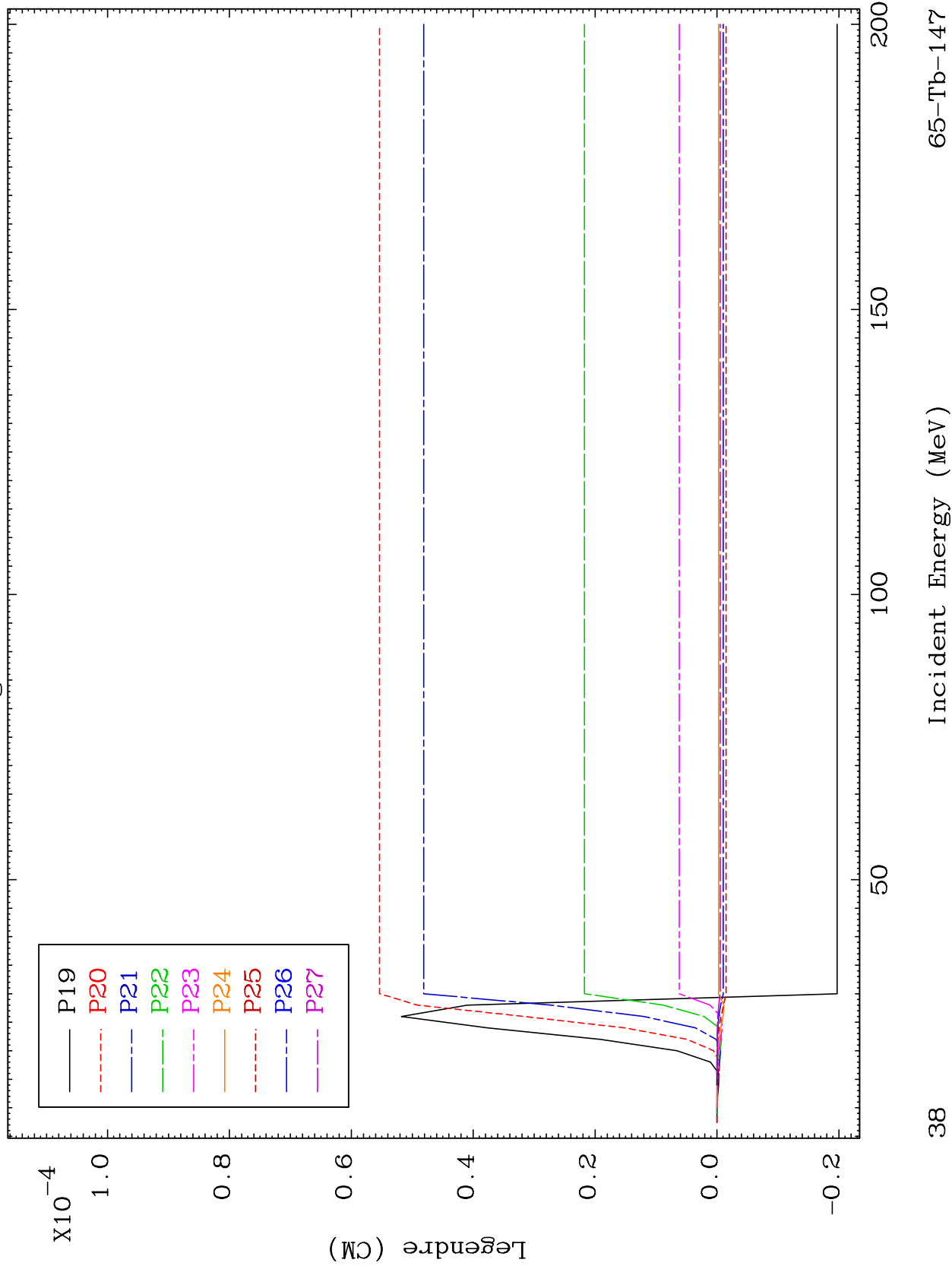
Incident Energy (MeV)

65-Tb-147

MAT 6489

1.316 MeV (n,n') Level
Legendre Coefficients

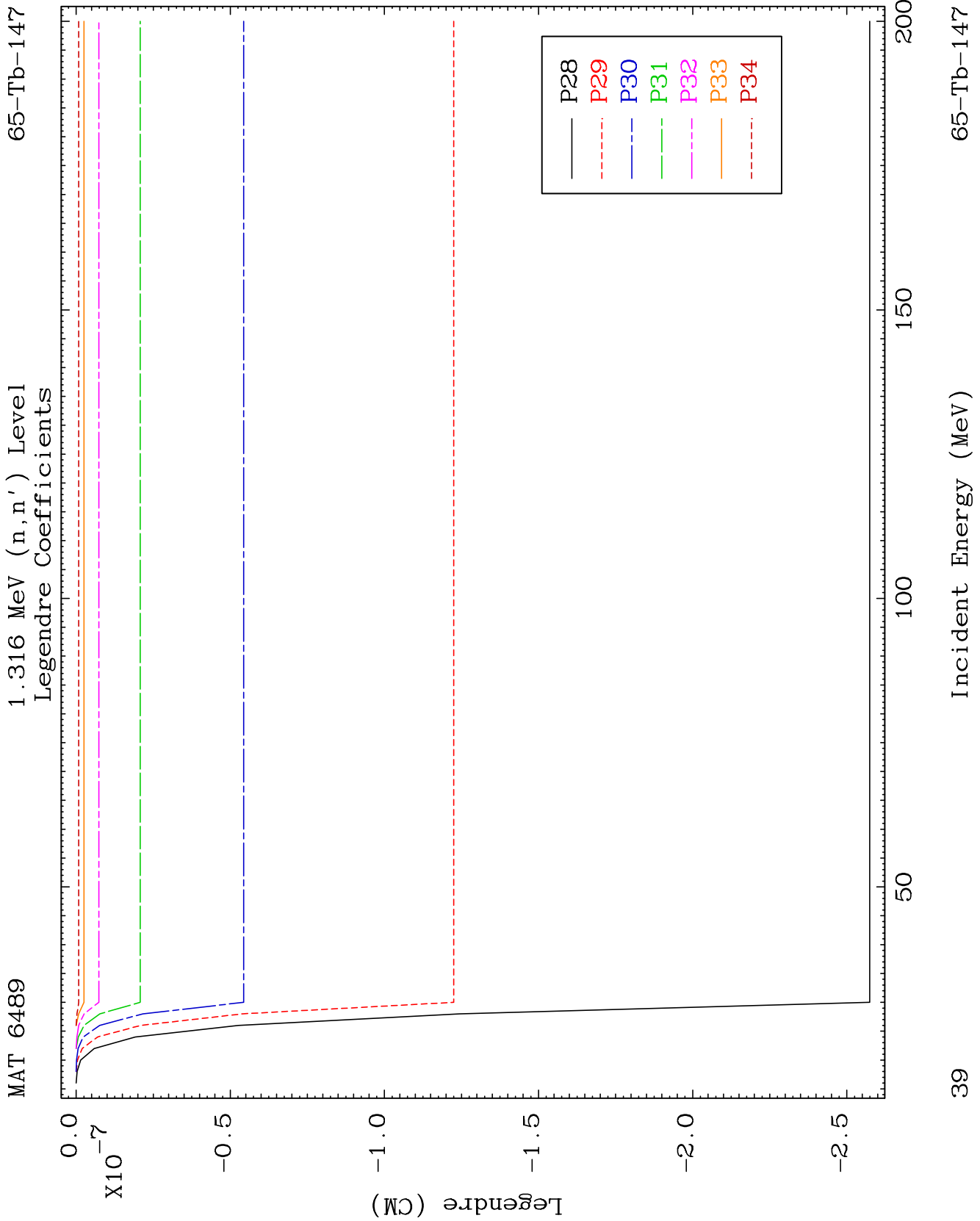
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38

Incident Energy (MeV)

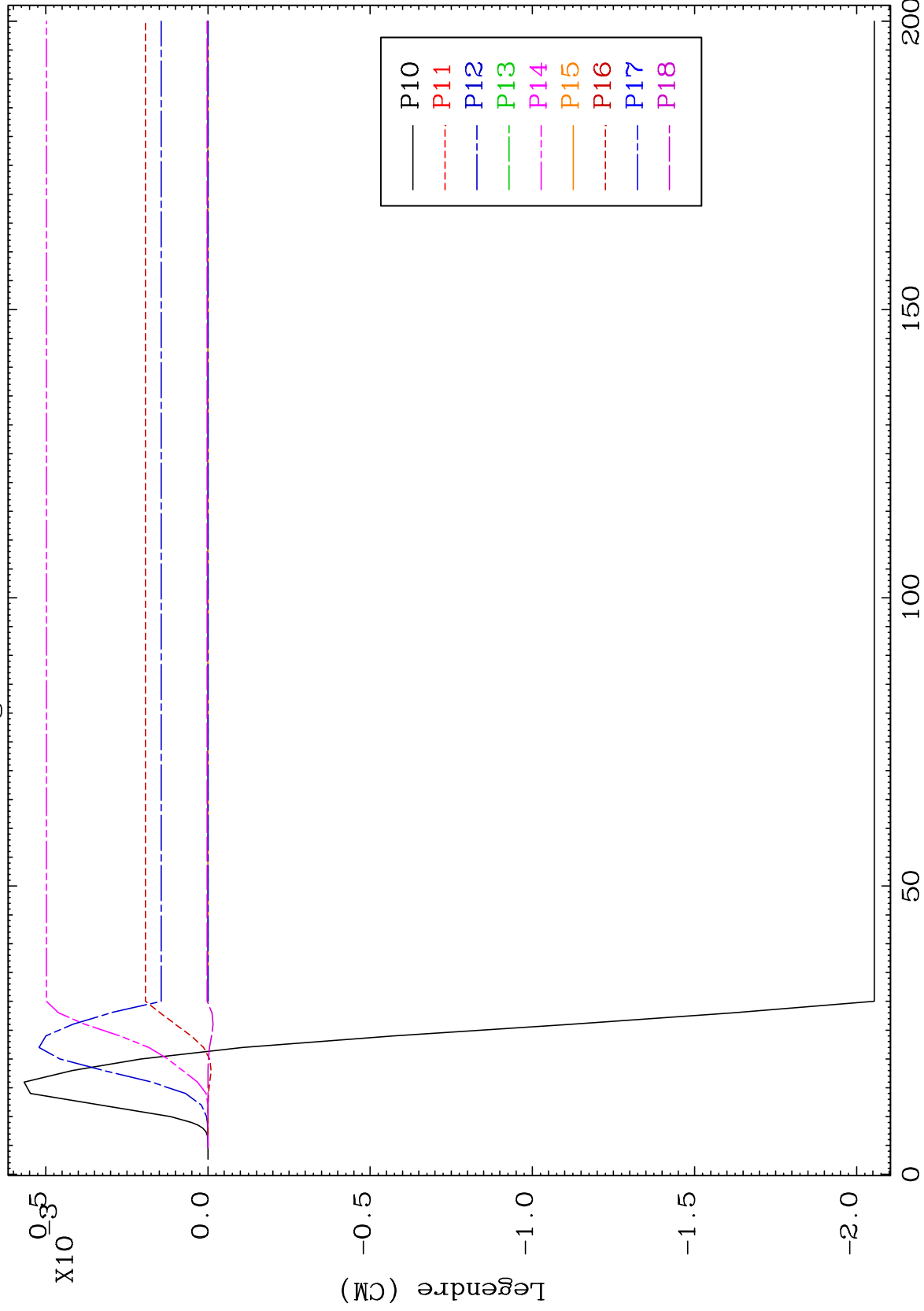
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MAT 6489

1.329 MeV (n,n') Level
Legendre Coefficients

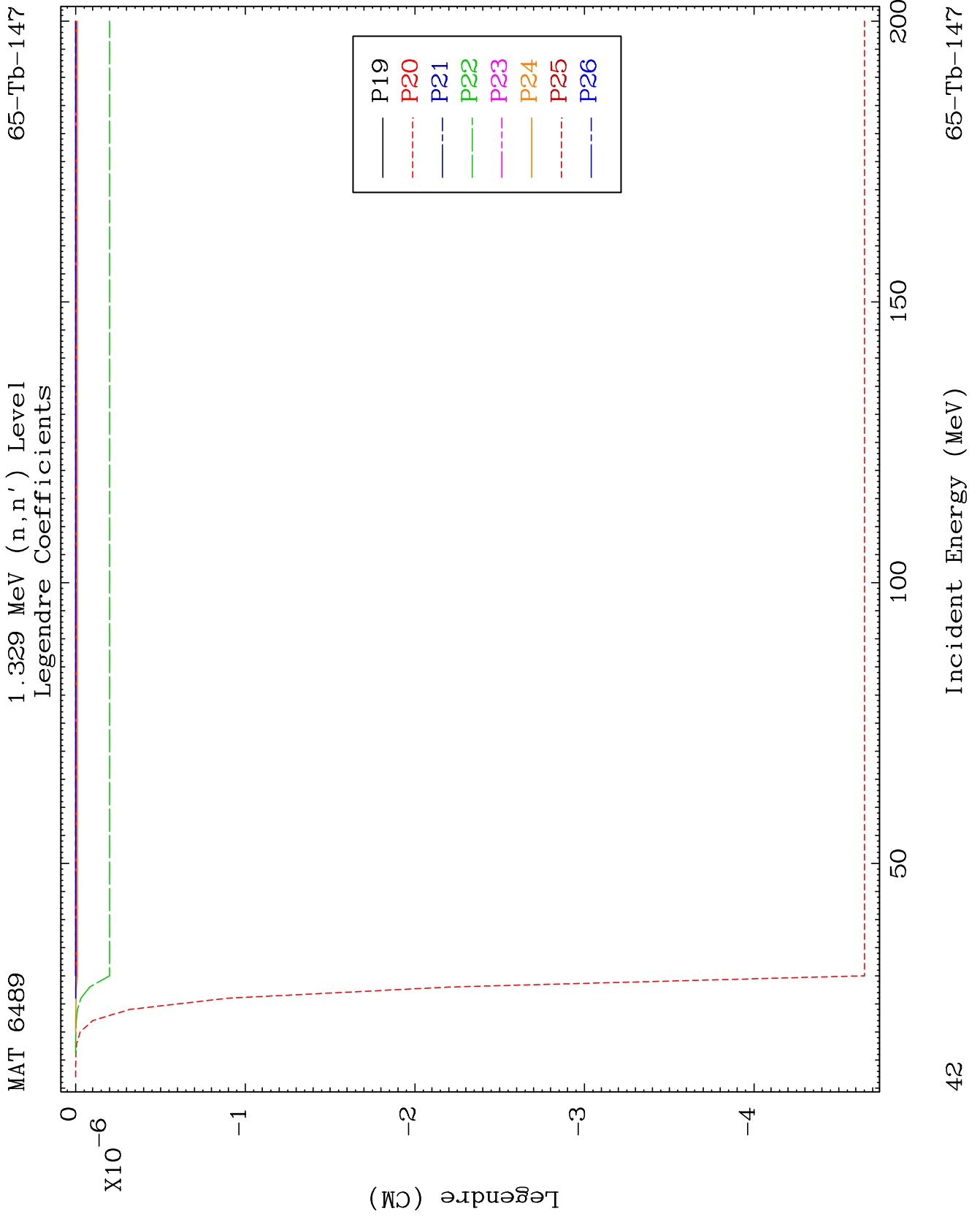
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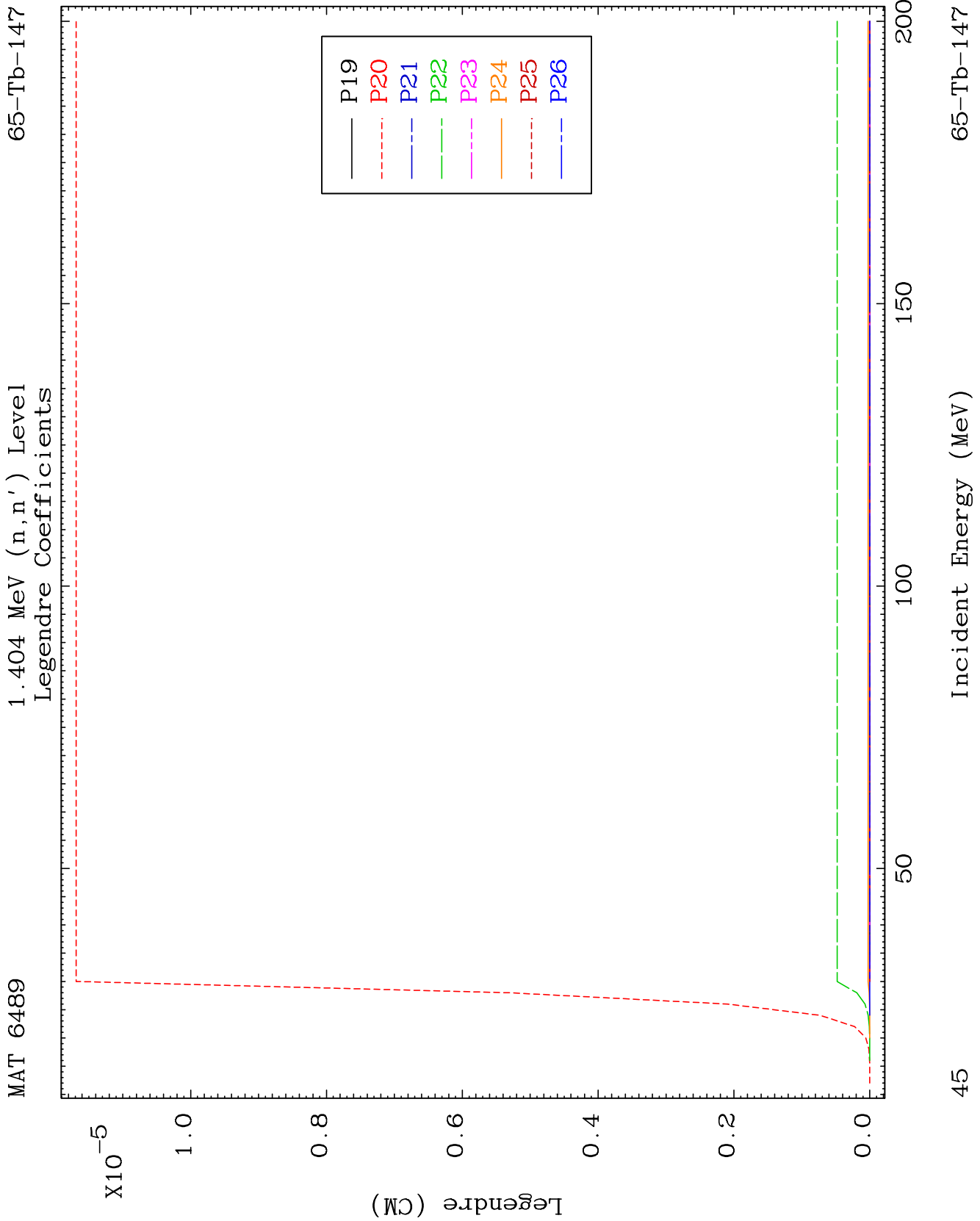


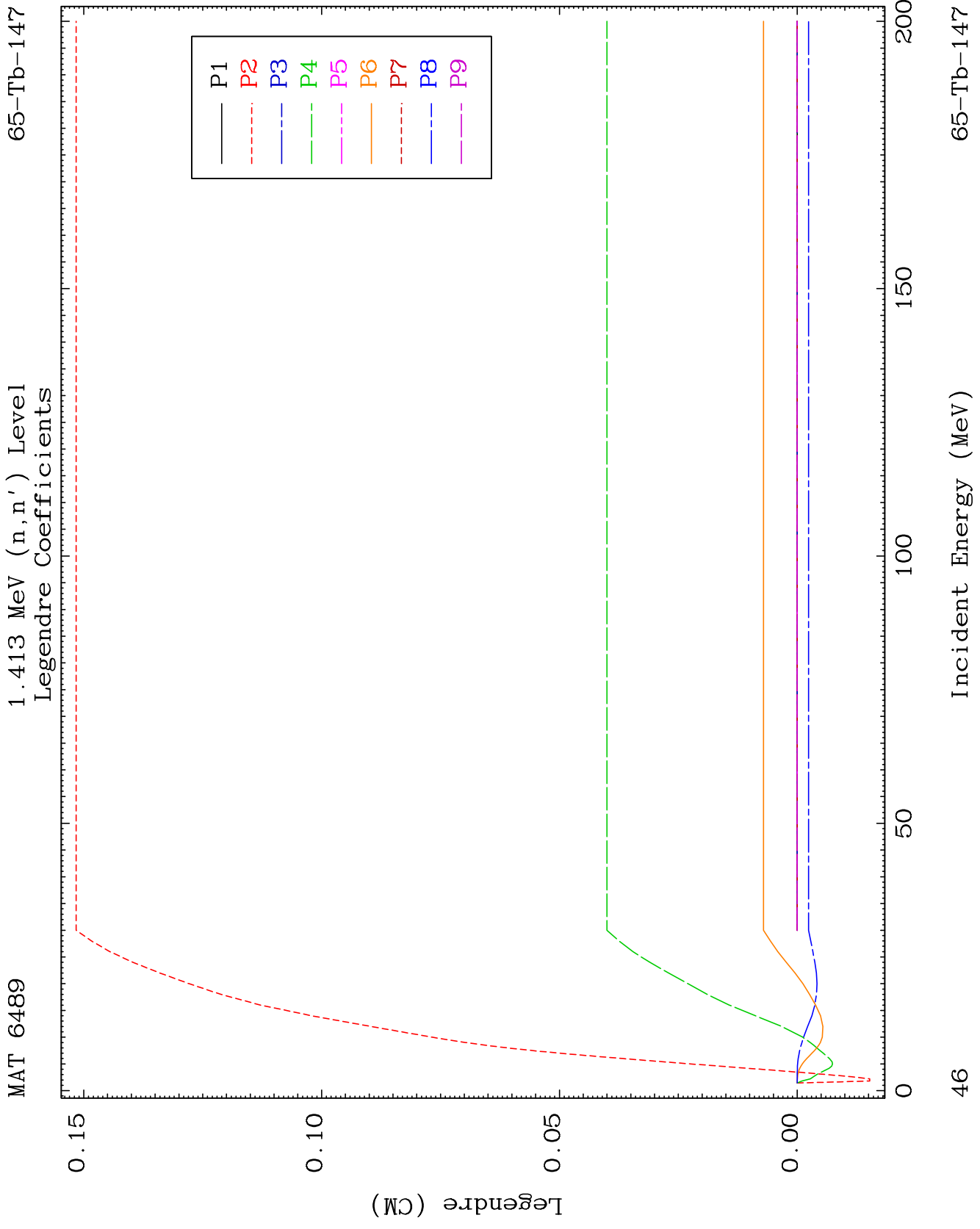
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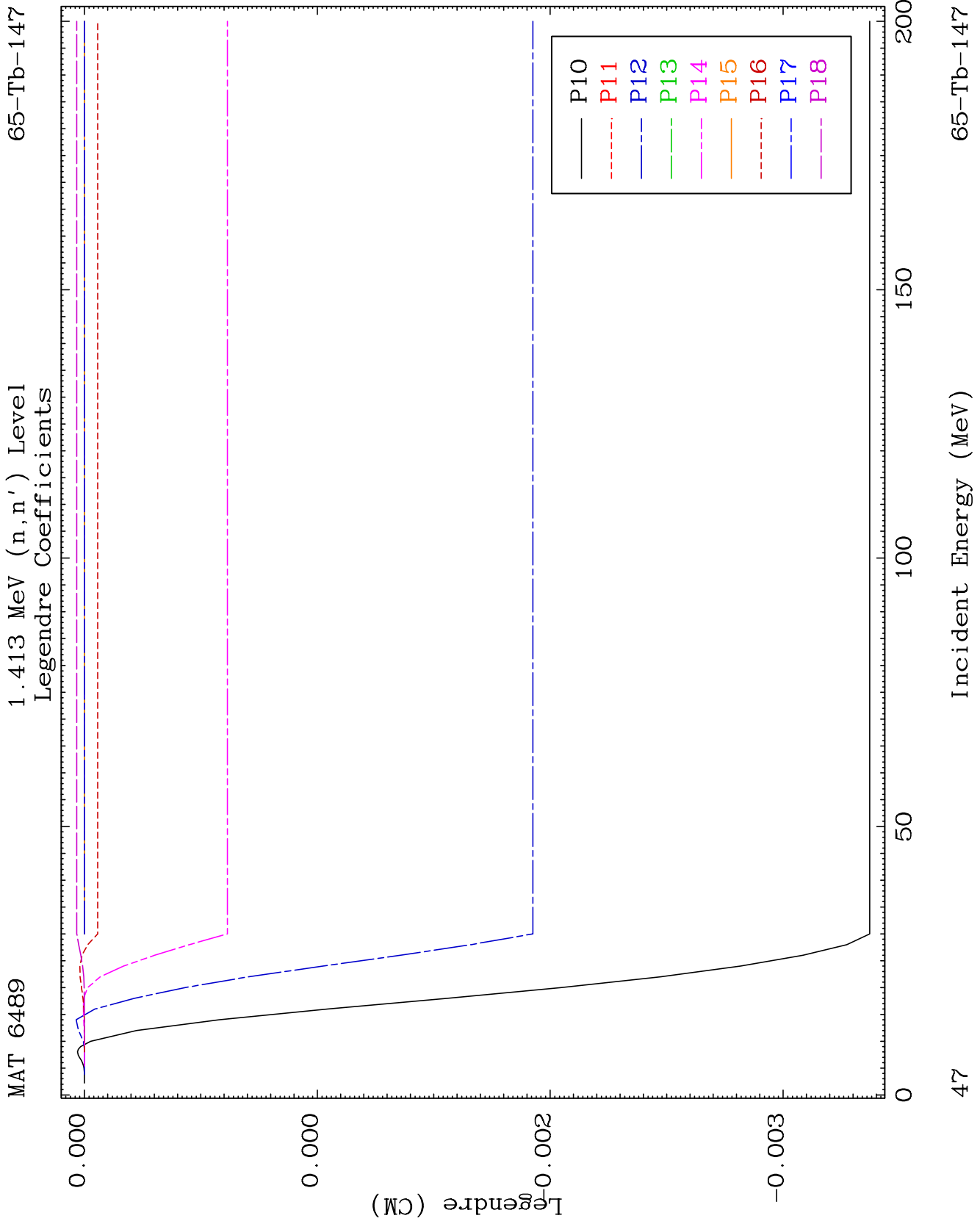
Incident Energy (MeV)

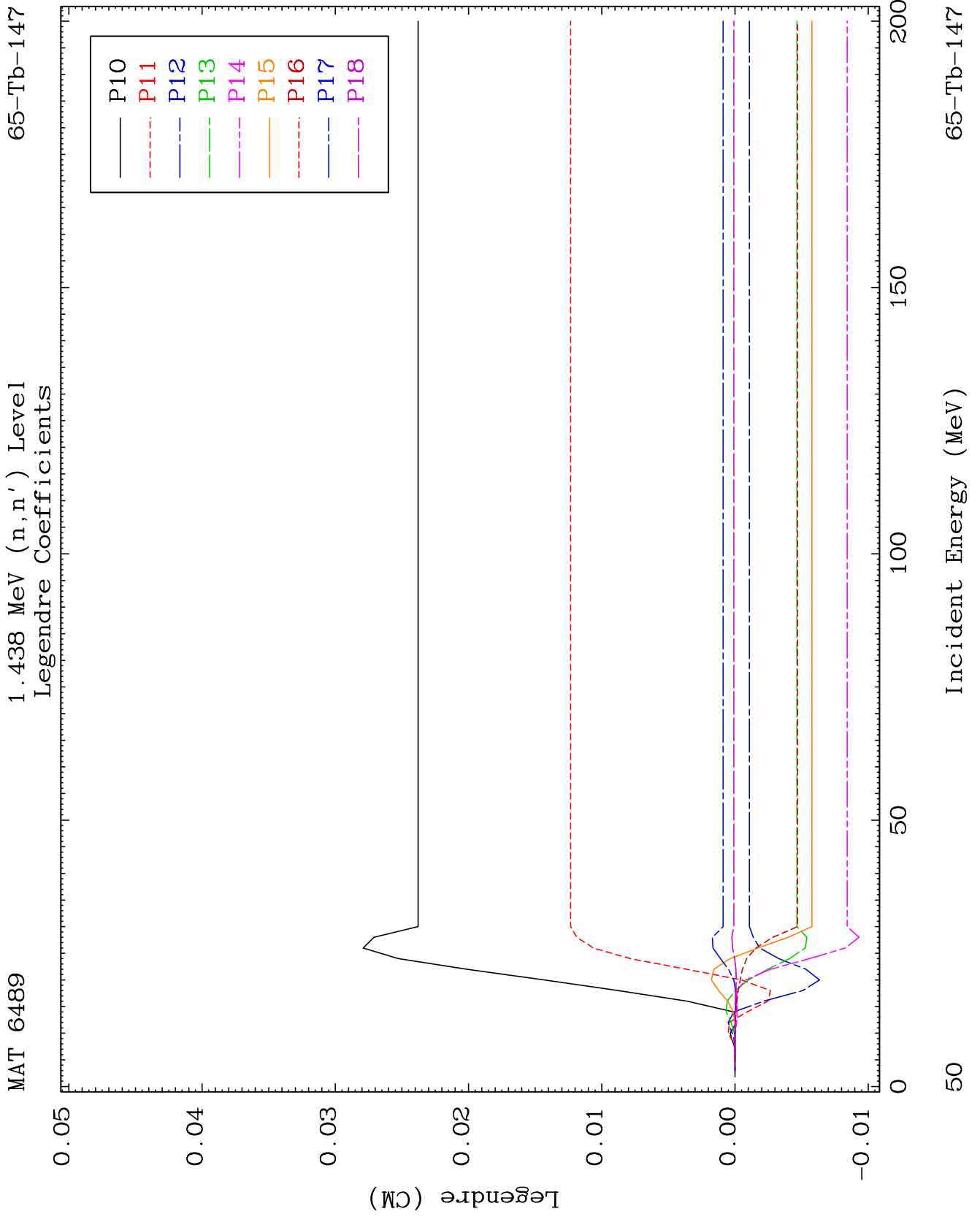
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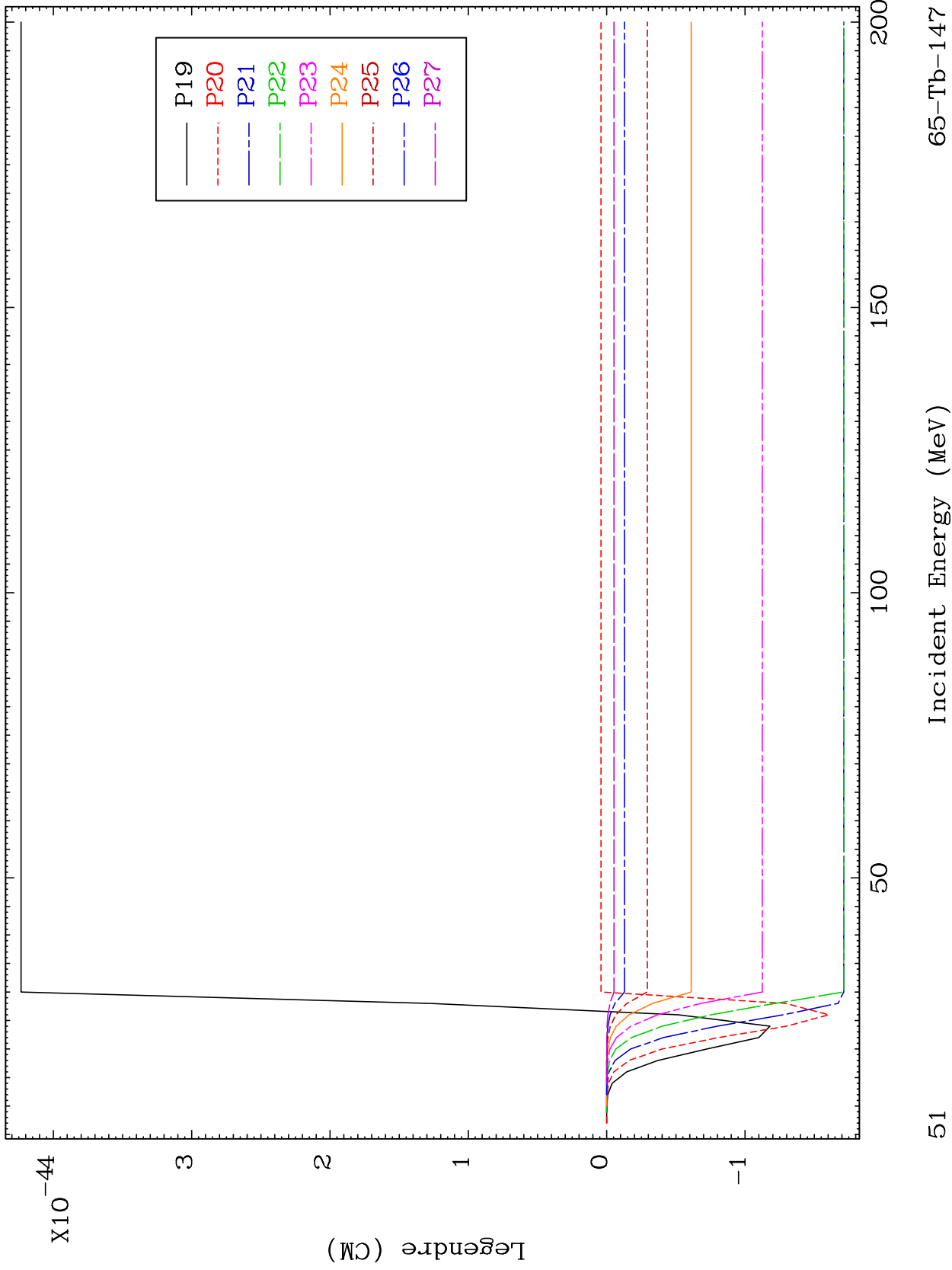




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1.438 MeV (n, n') Level
Legendre Coefficients

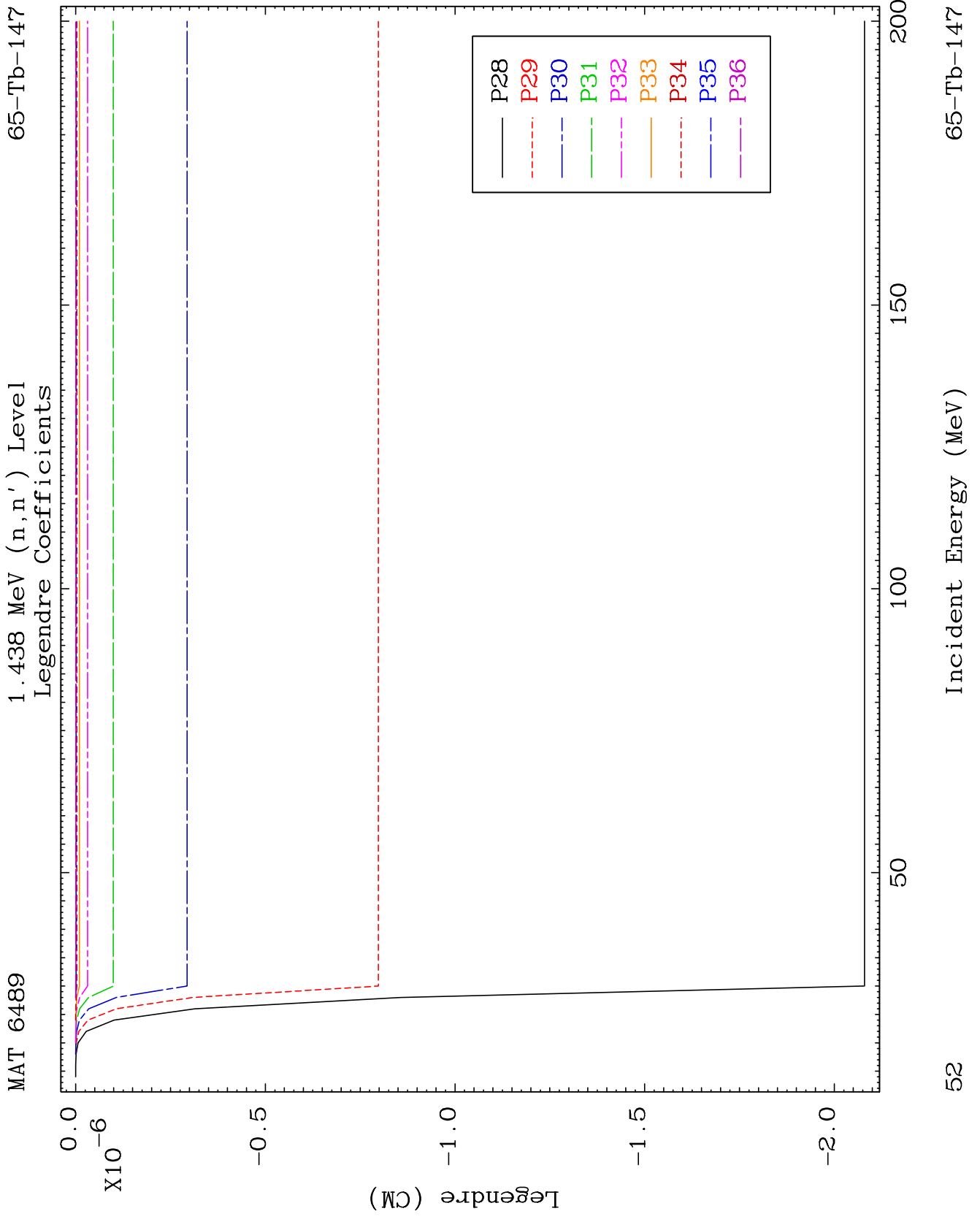
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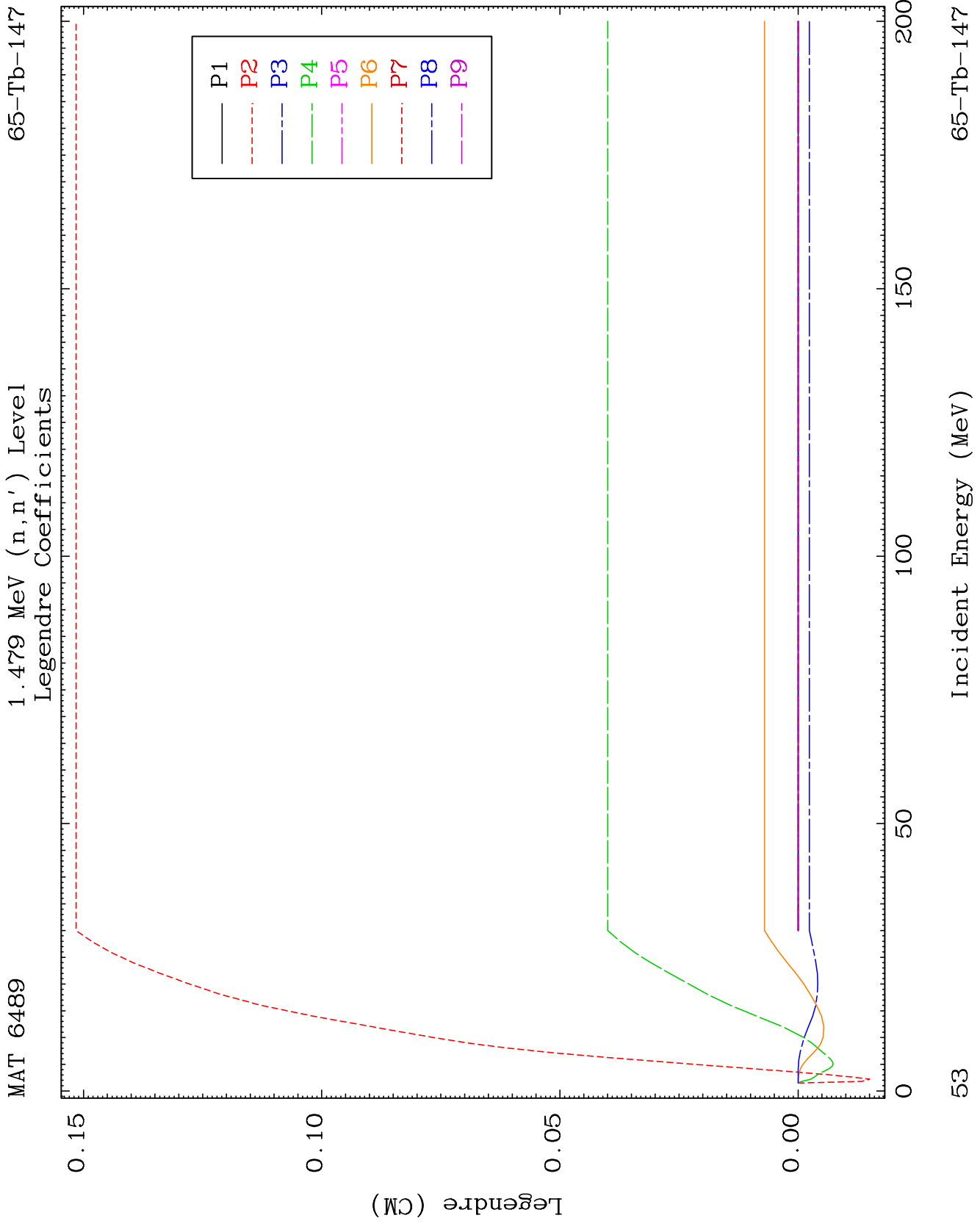


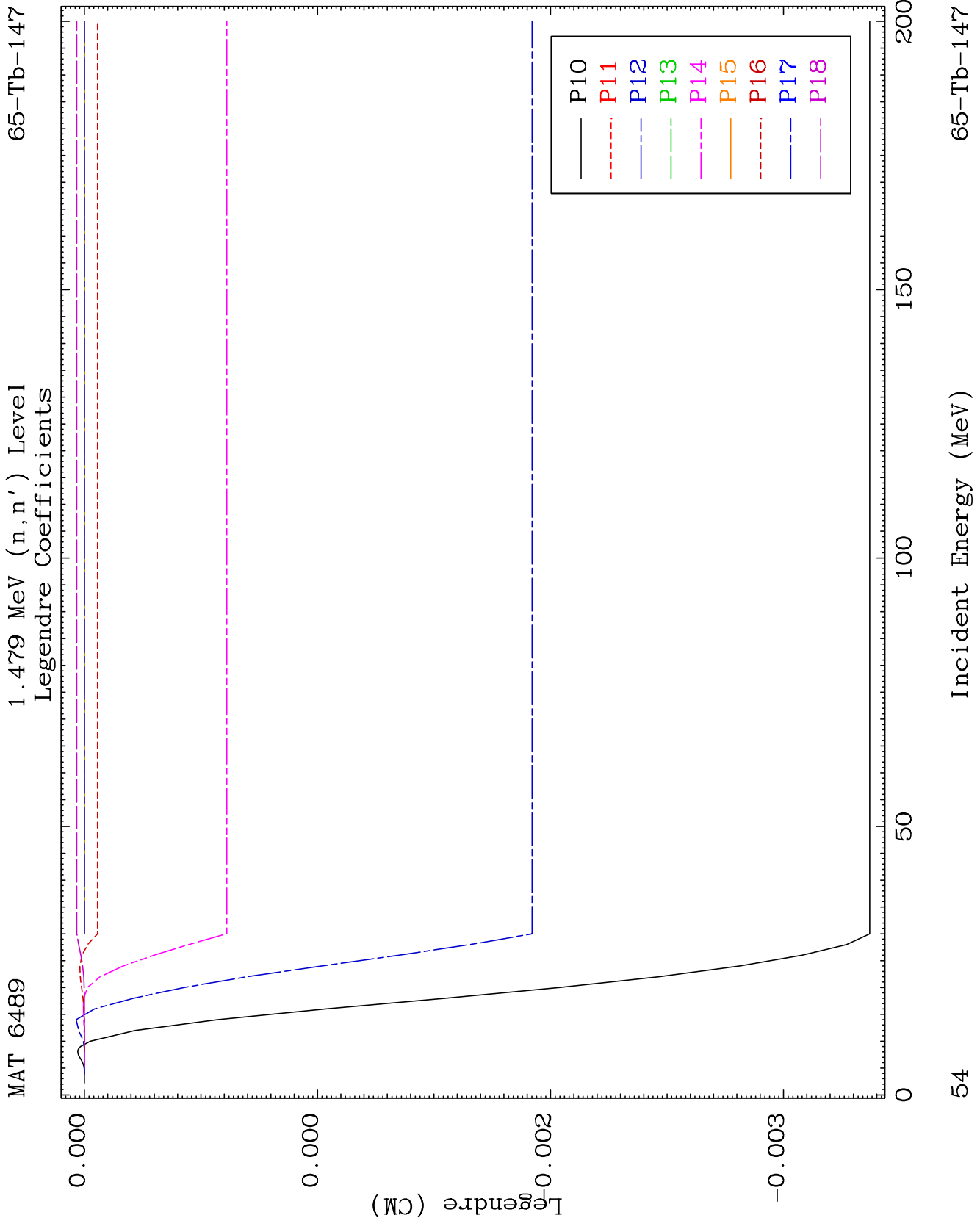
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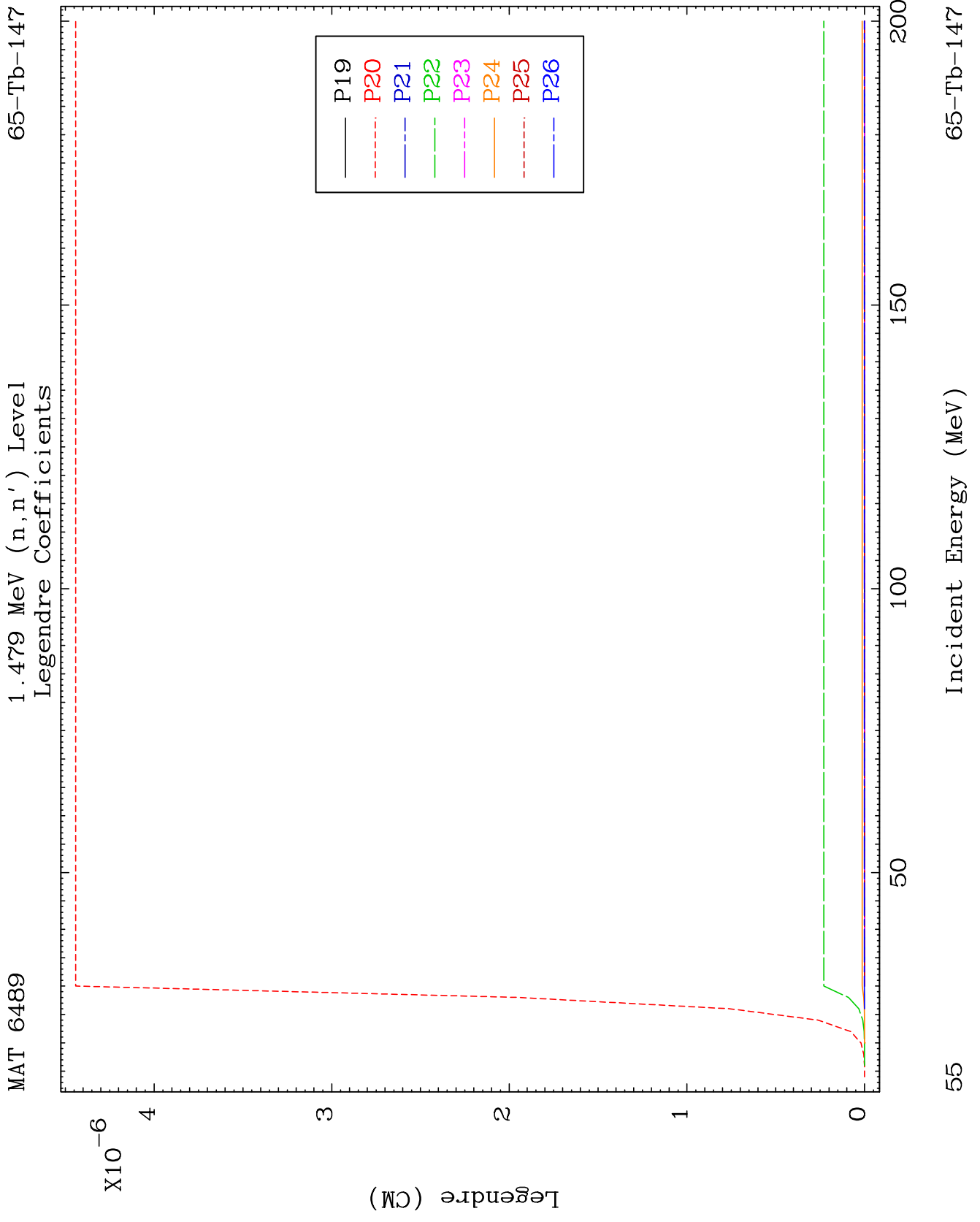
Incident Energy (MeV)

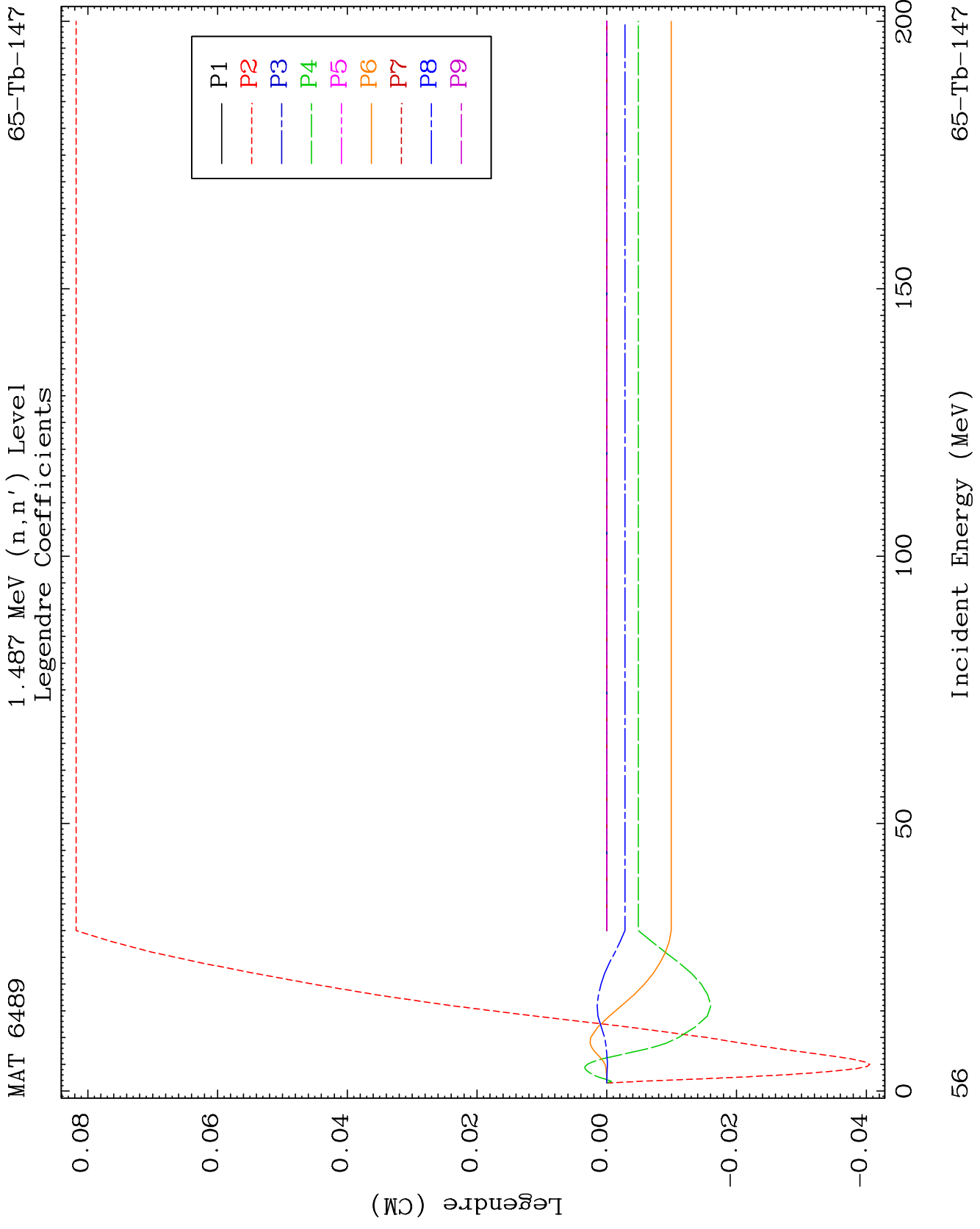
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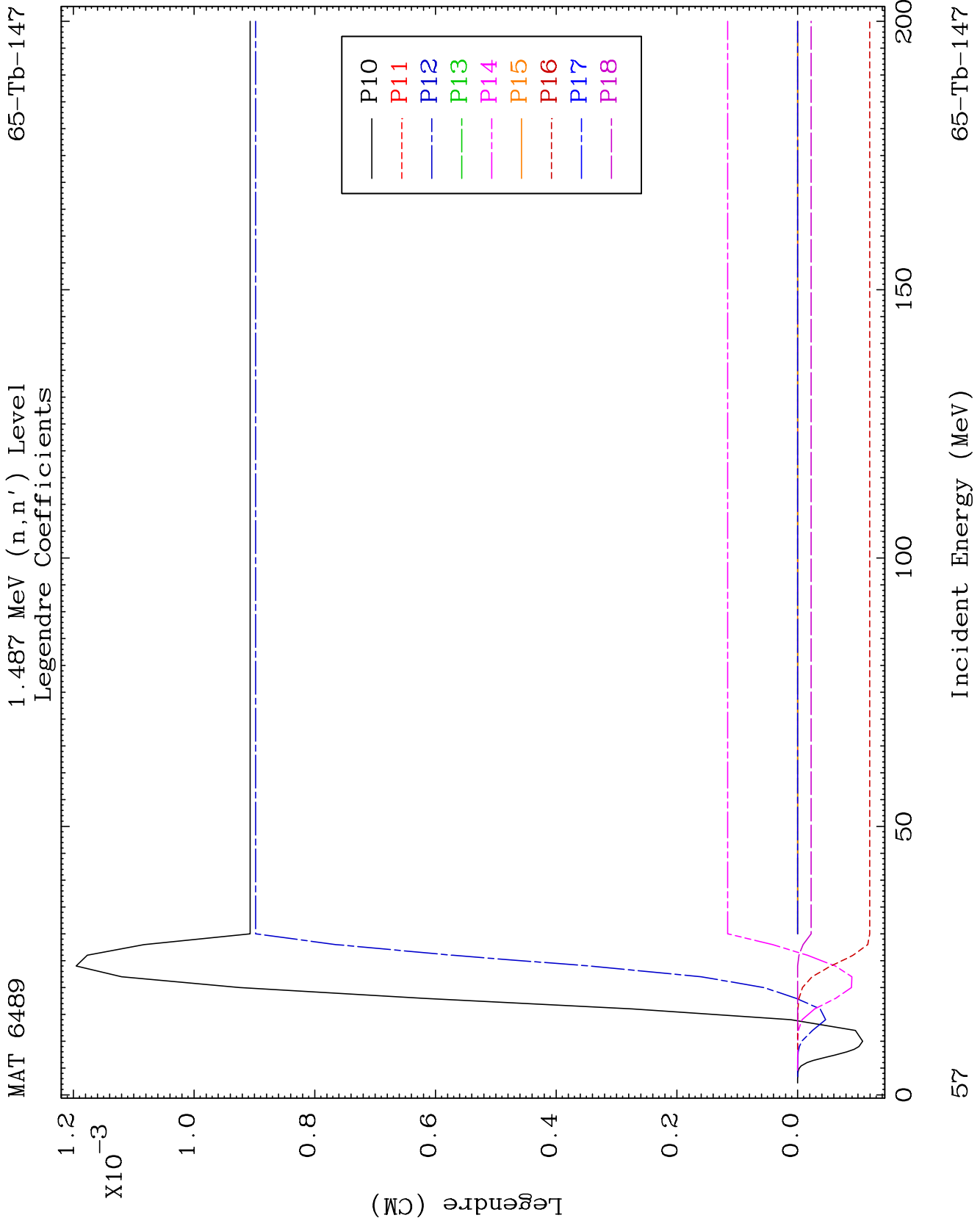


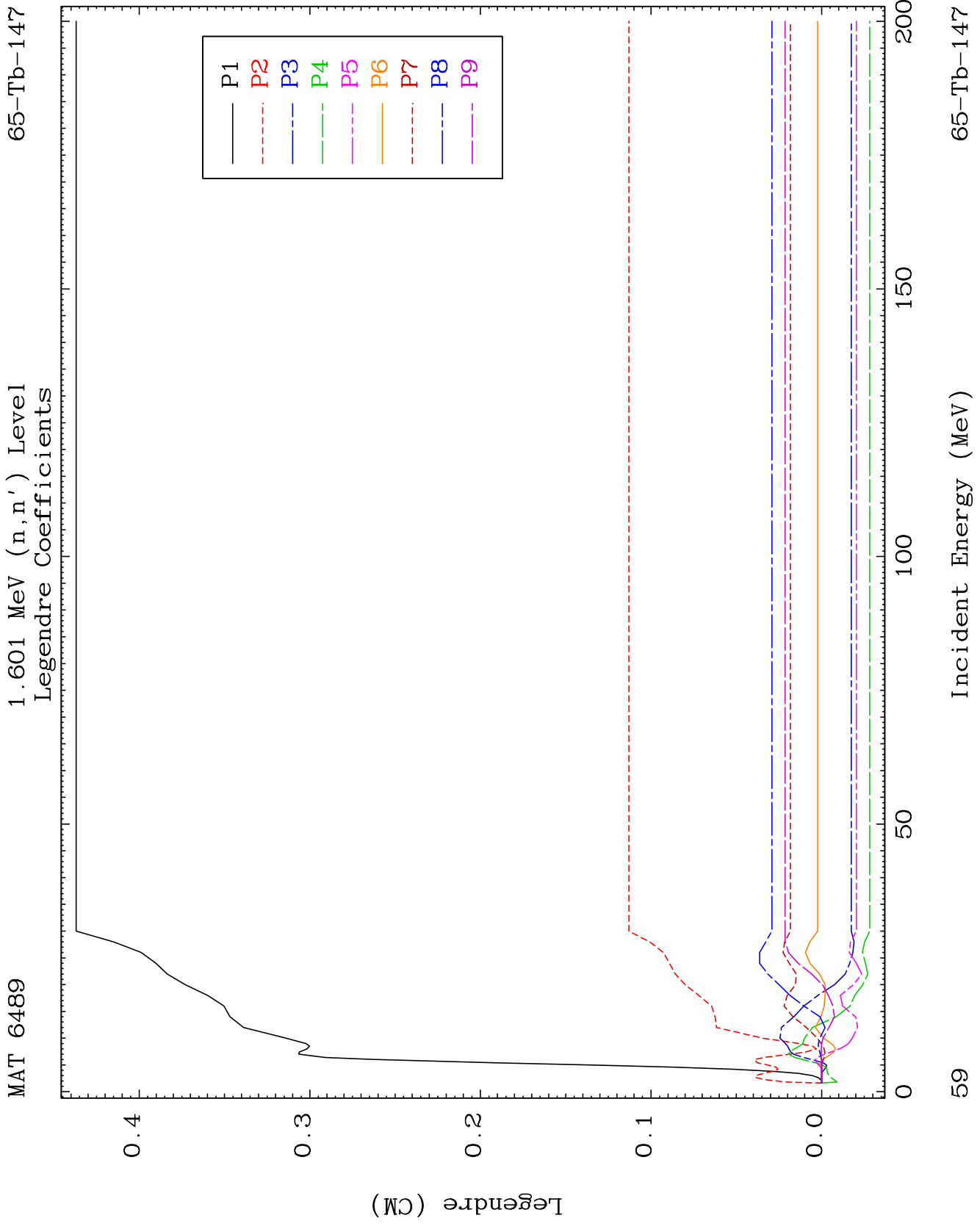








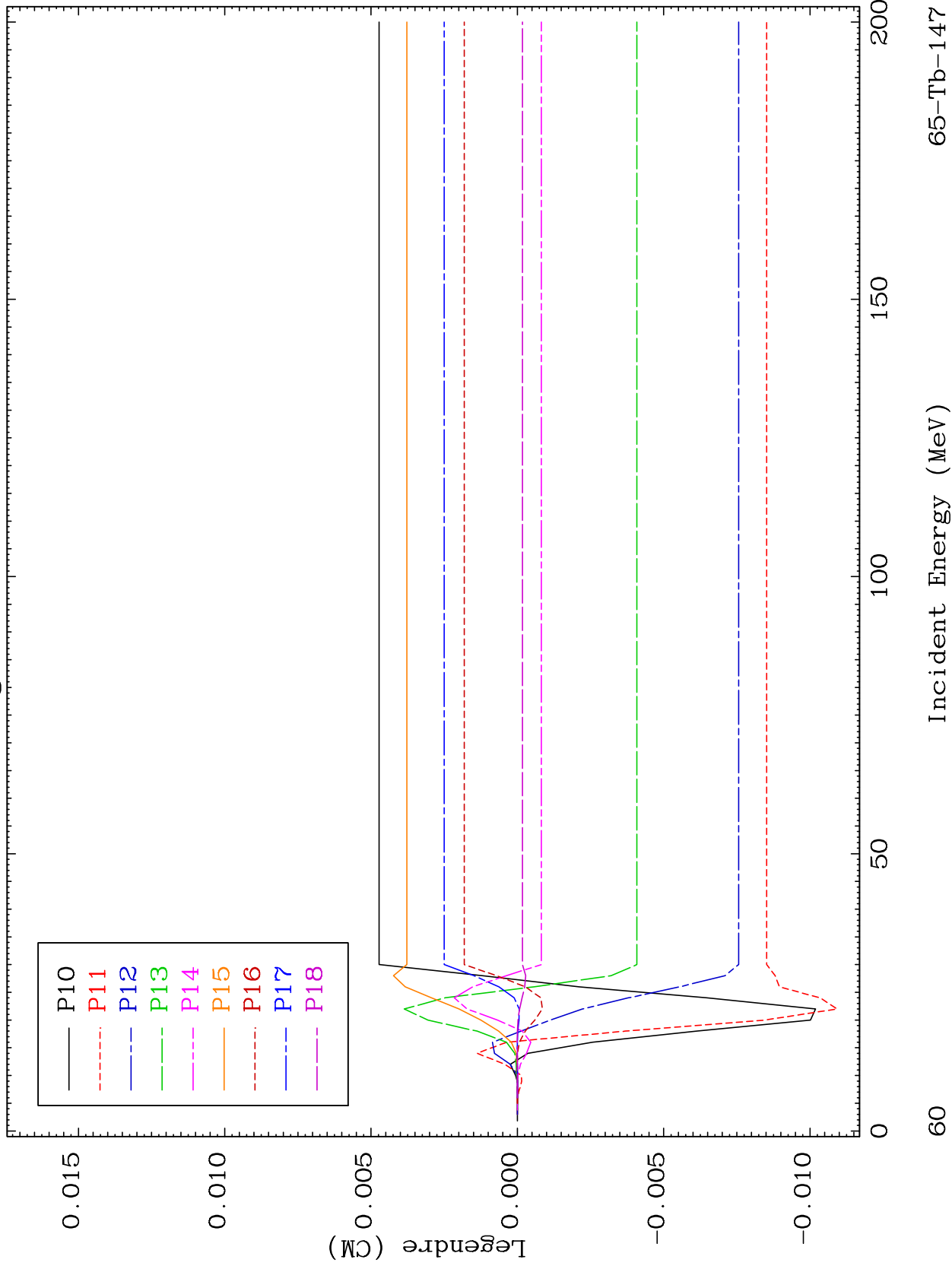




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1.601 MeV (n, n') Level
Legendre Coefficients

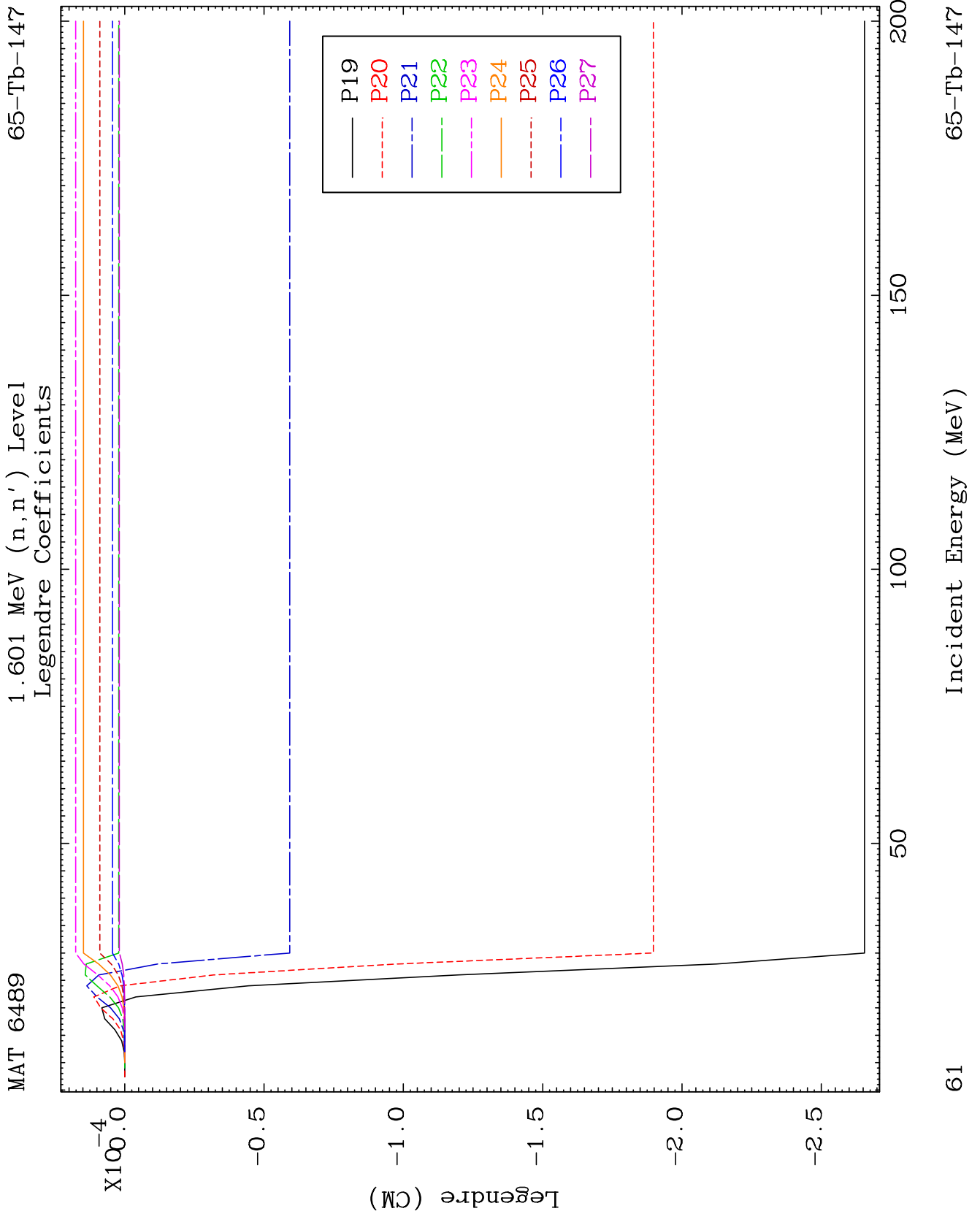
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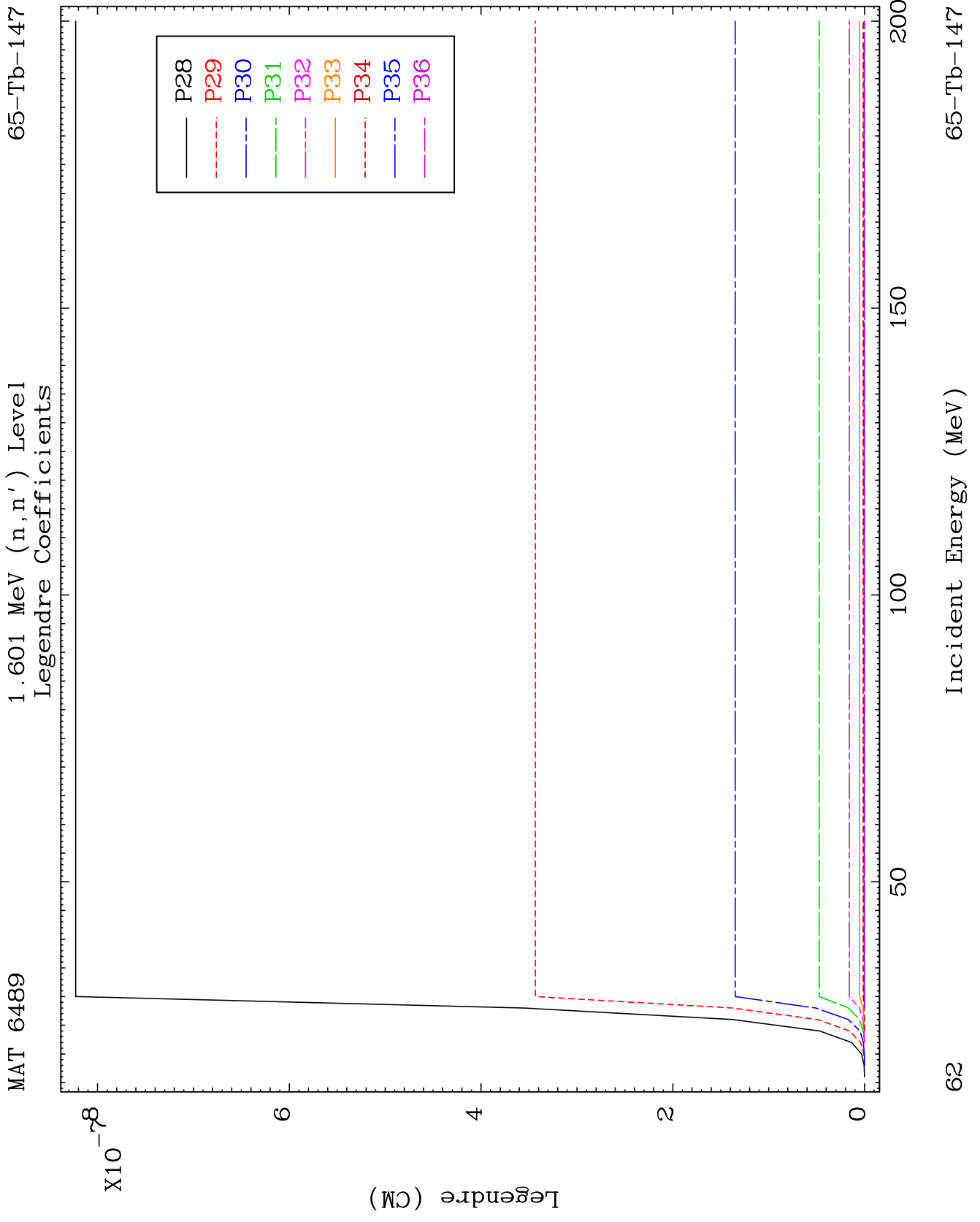


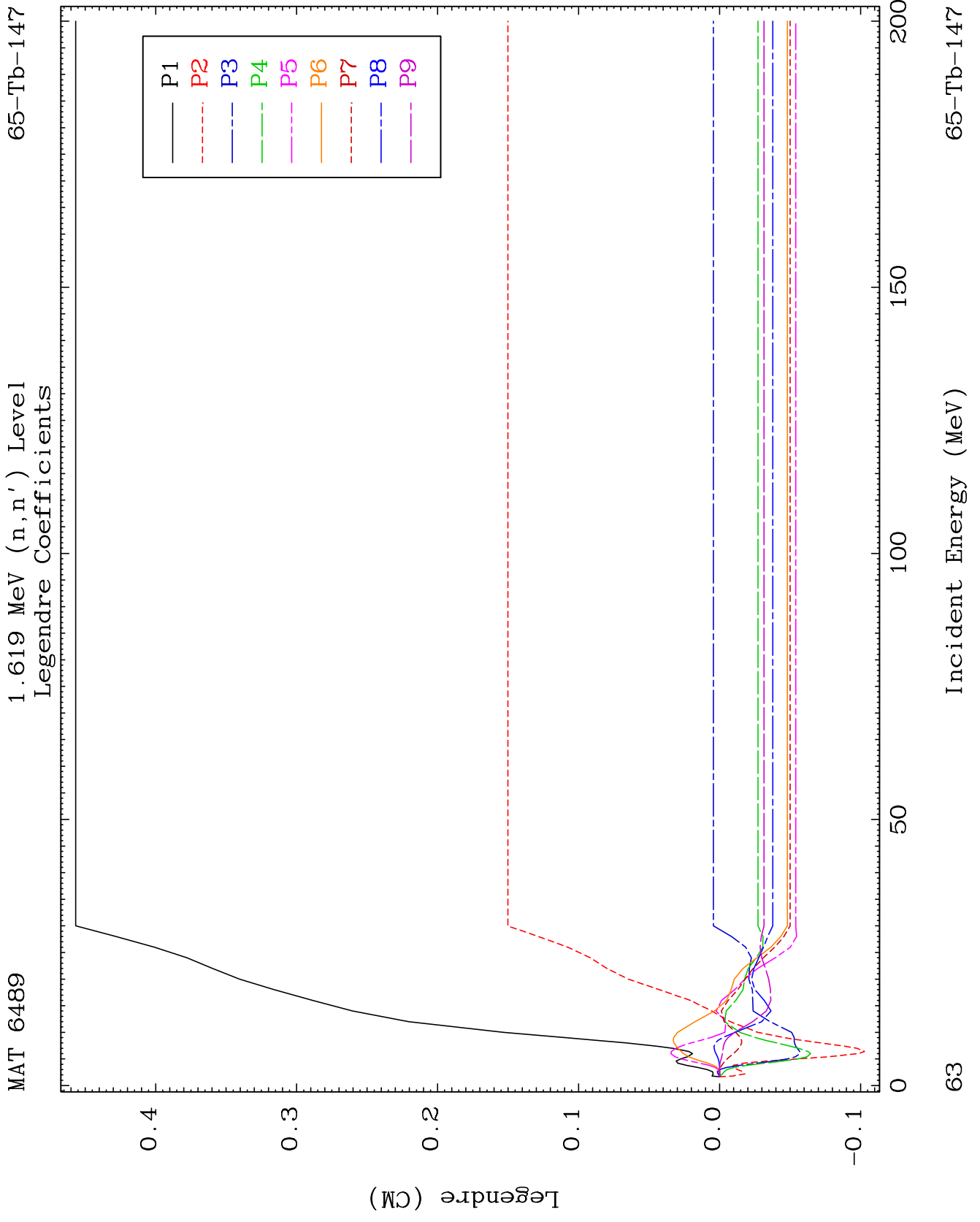
65-Tb-147

Incident Energy (MeV)

60



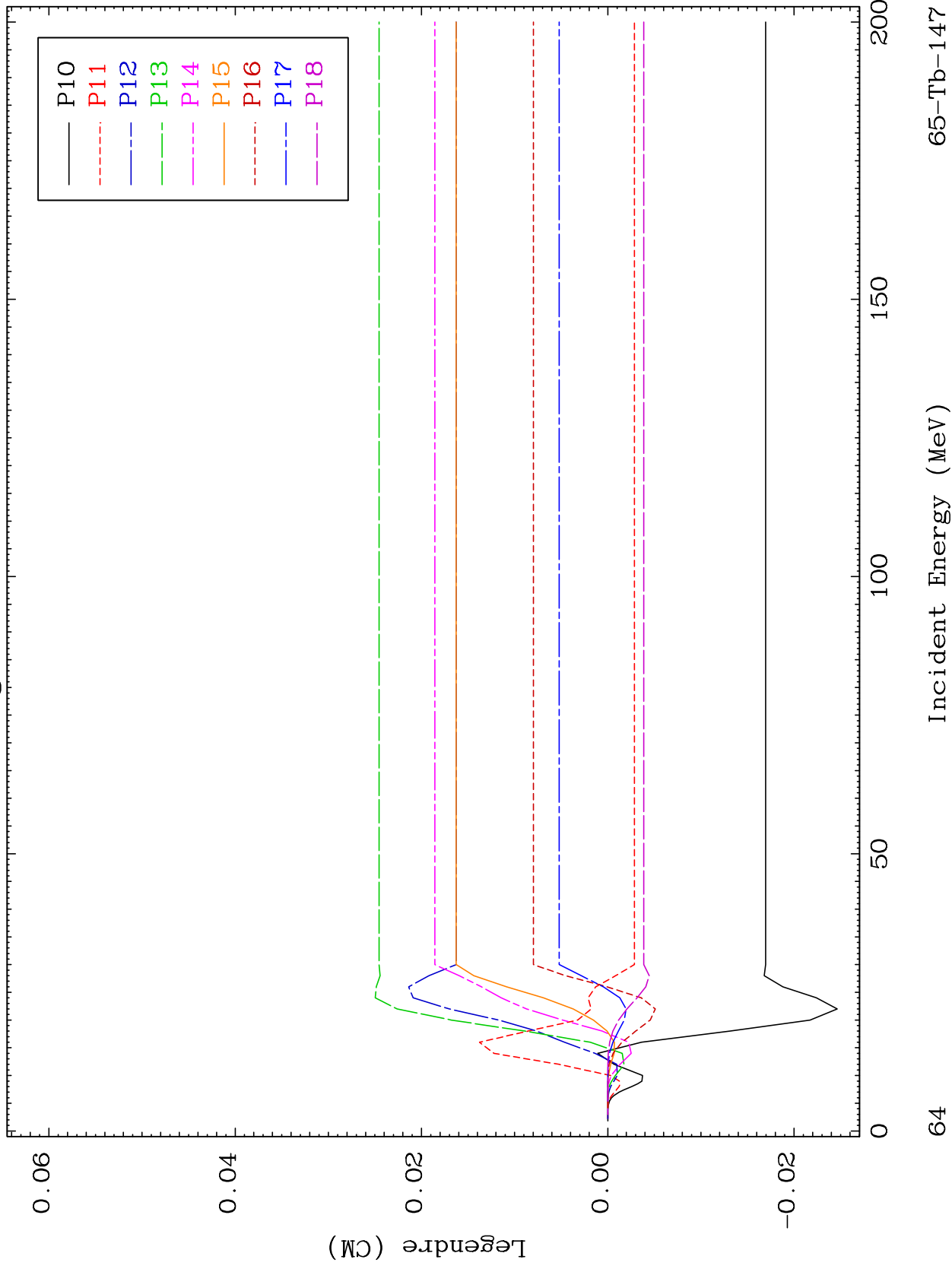




MAT 6489

1.619 MeV (n,n') Level
Legendre Coefficients

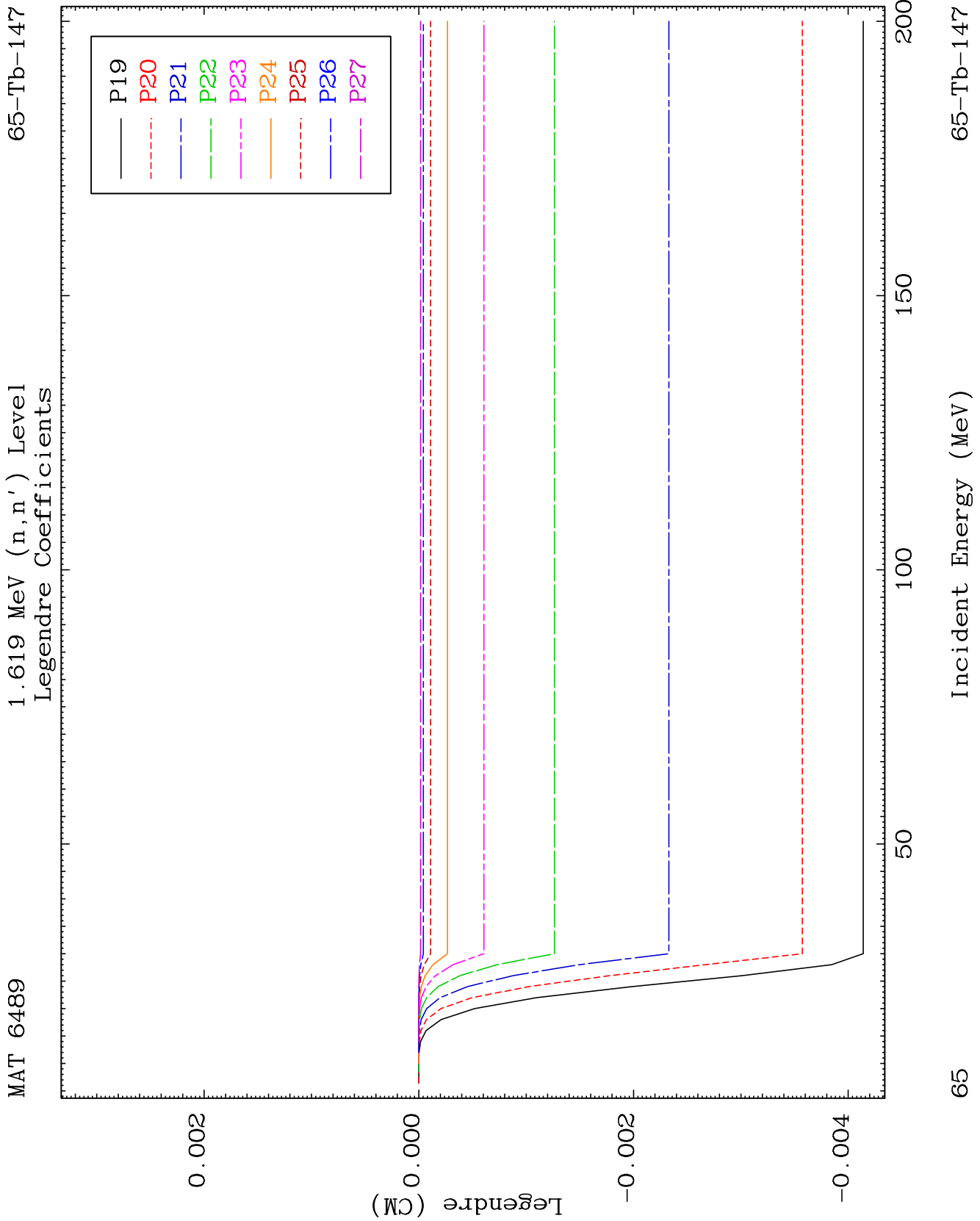
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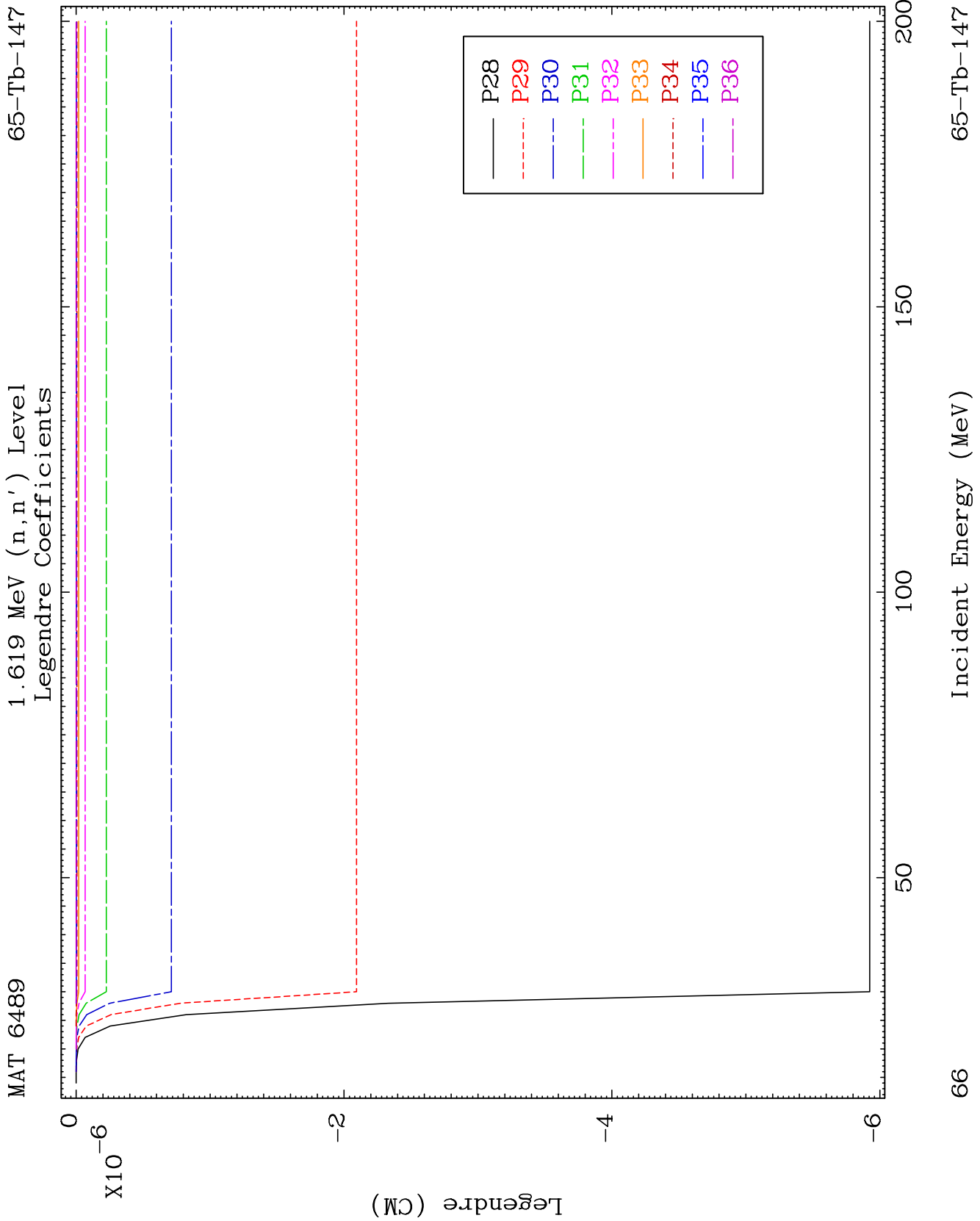


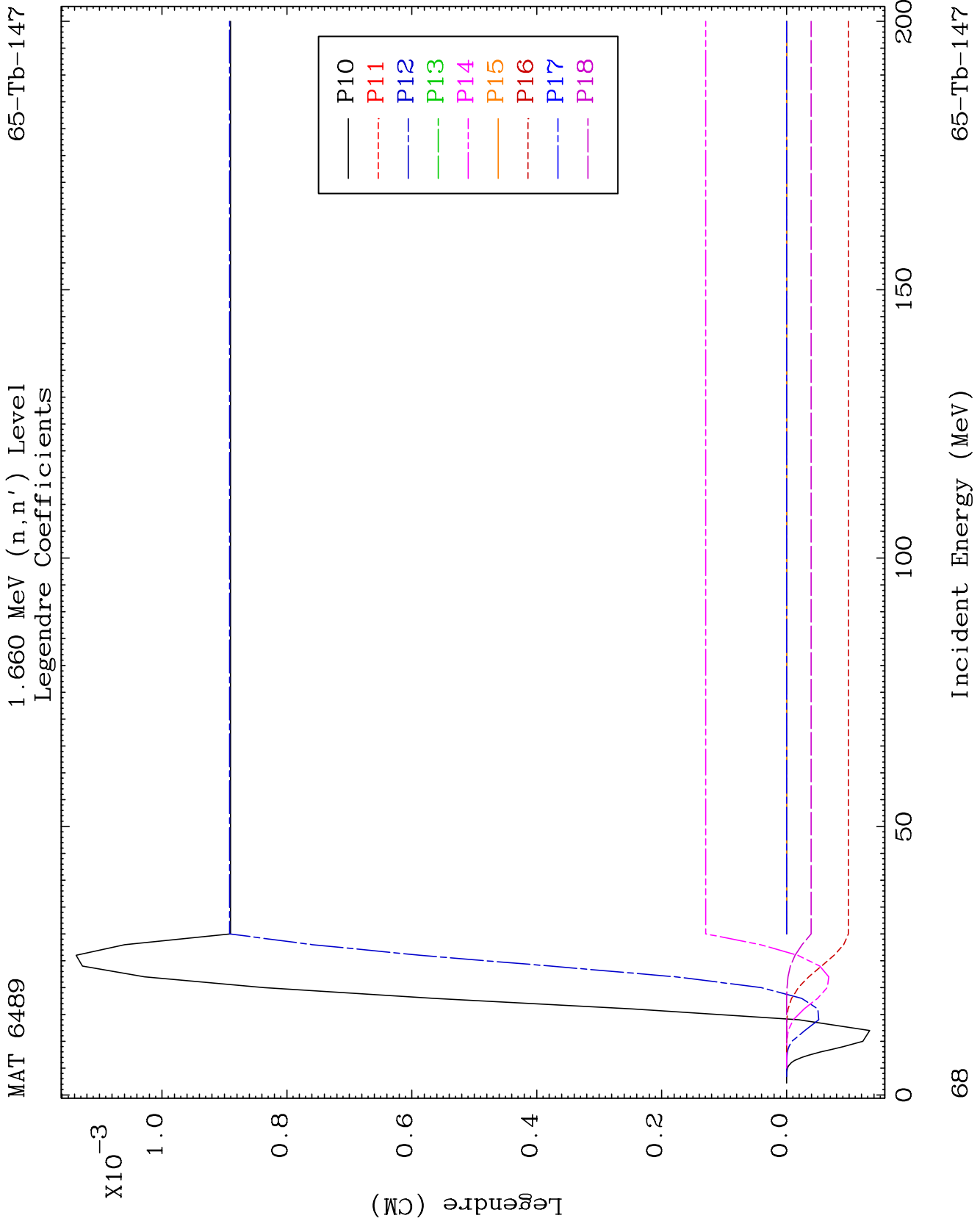
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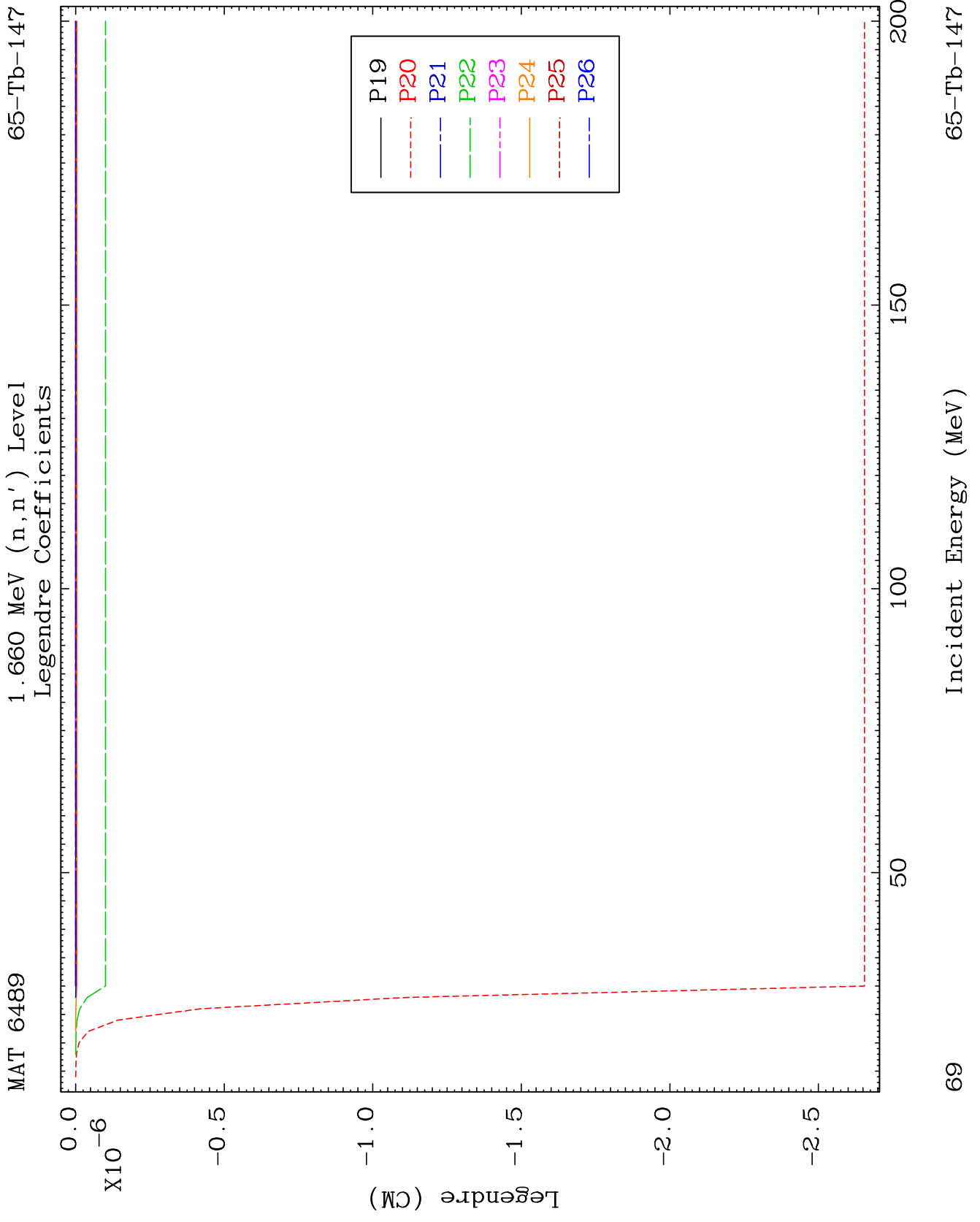
Incident Energy (MeV)

64





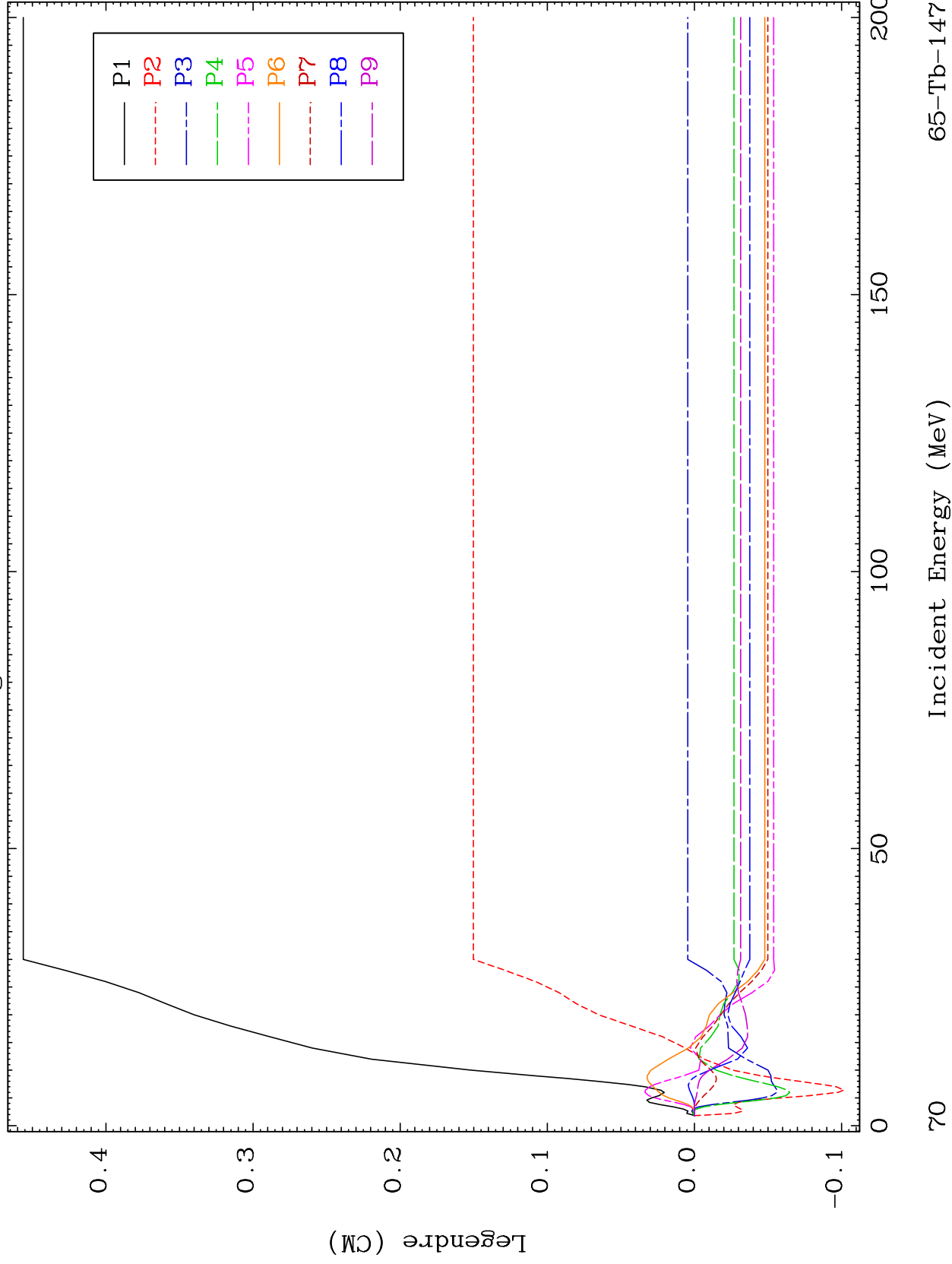




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1.716 MeV (n,n') Level
Legendre Coefficients

65-Tb-147



65-Tb-147

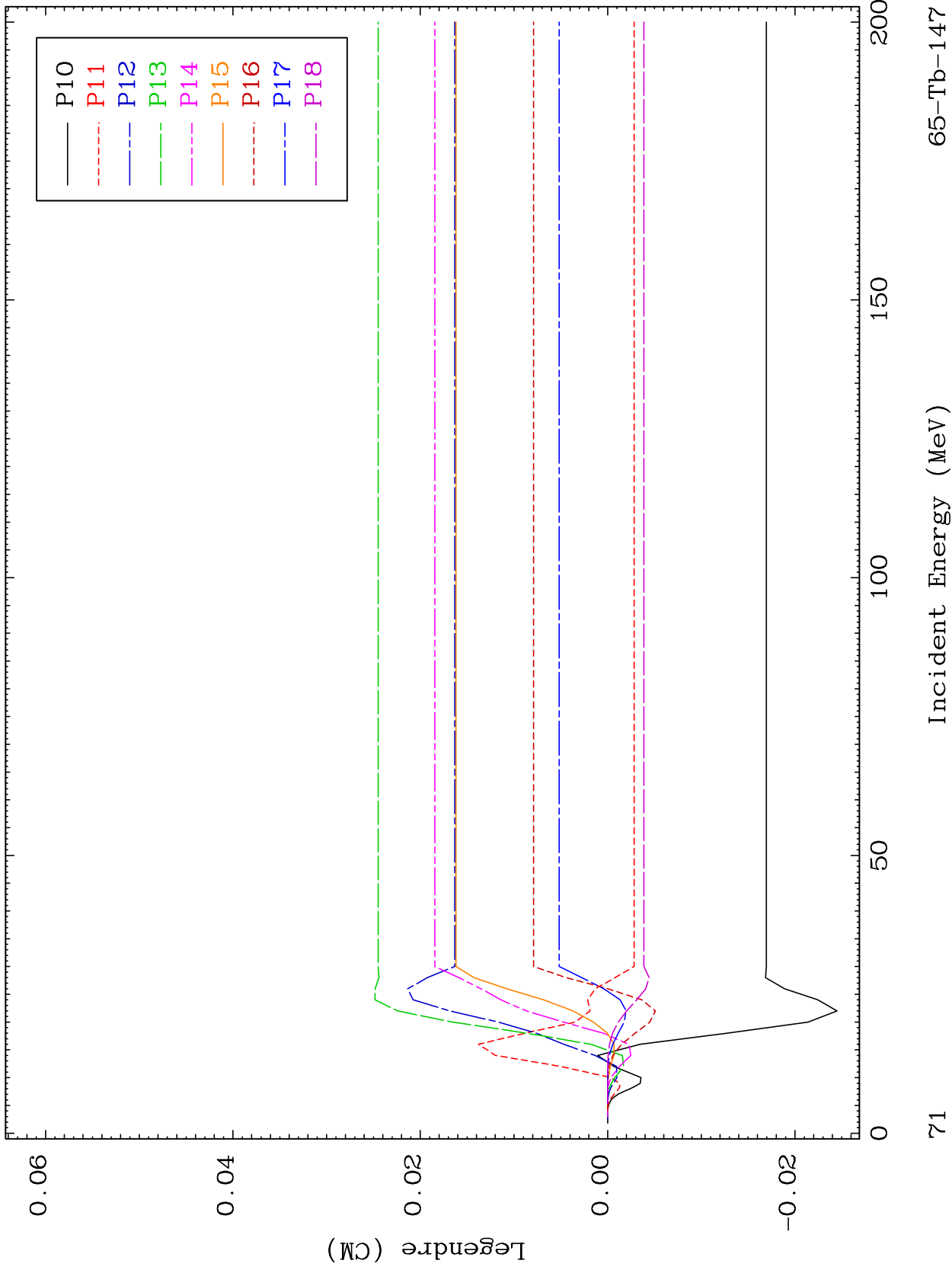
Incident Energy (MeV)

70

MAT 6489

1.716 MeV (n,n') Level
Legendre Coefficients

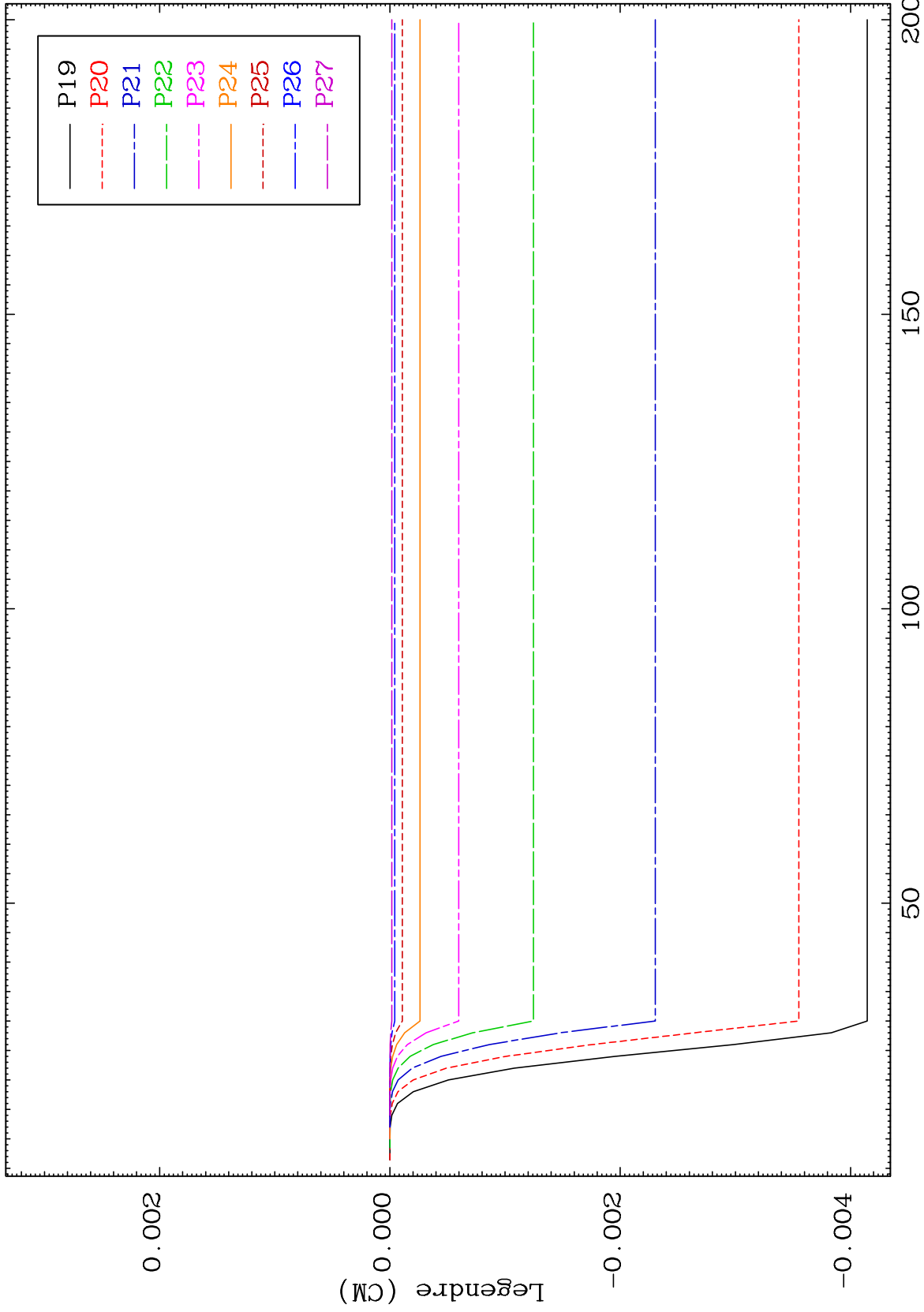
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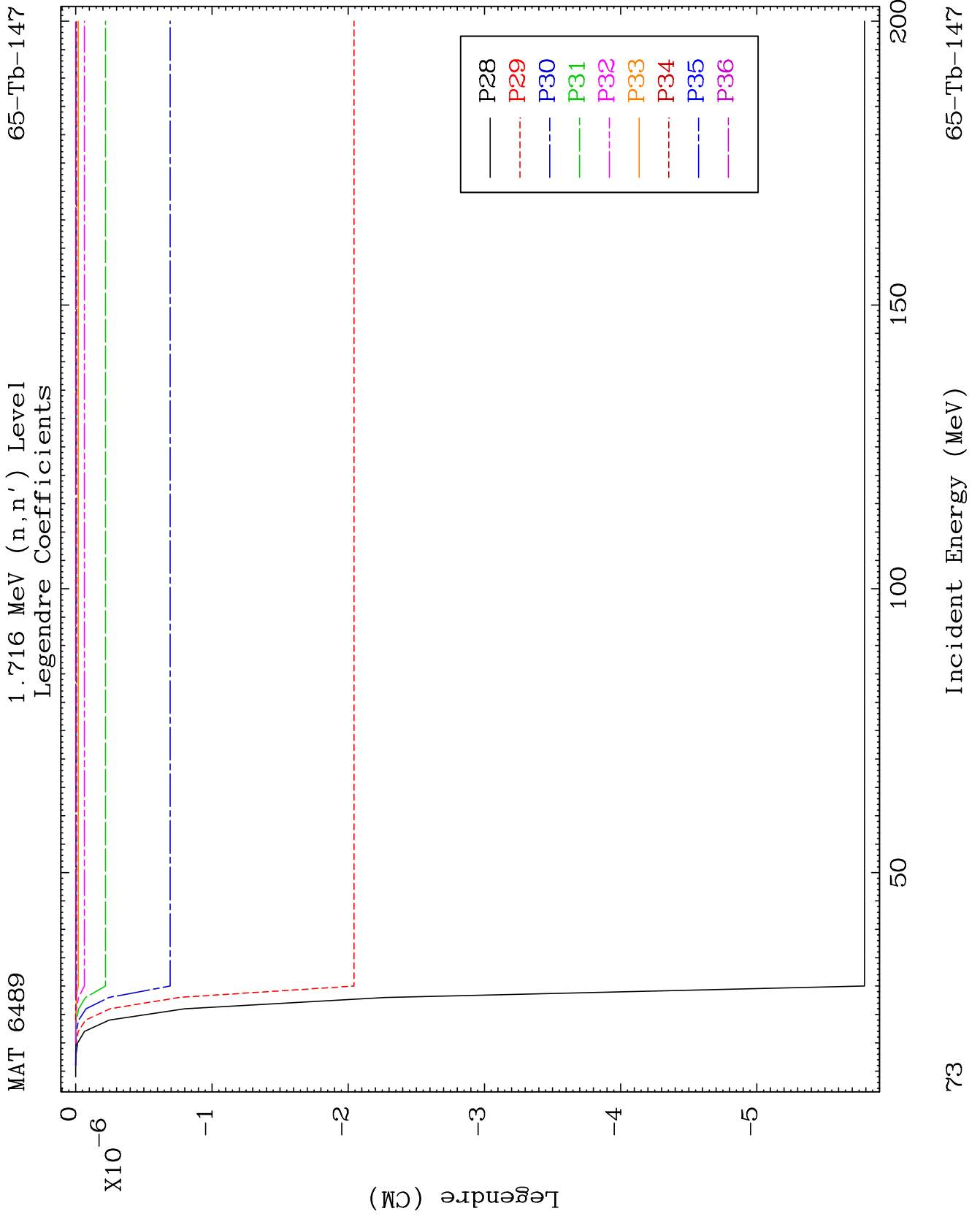


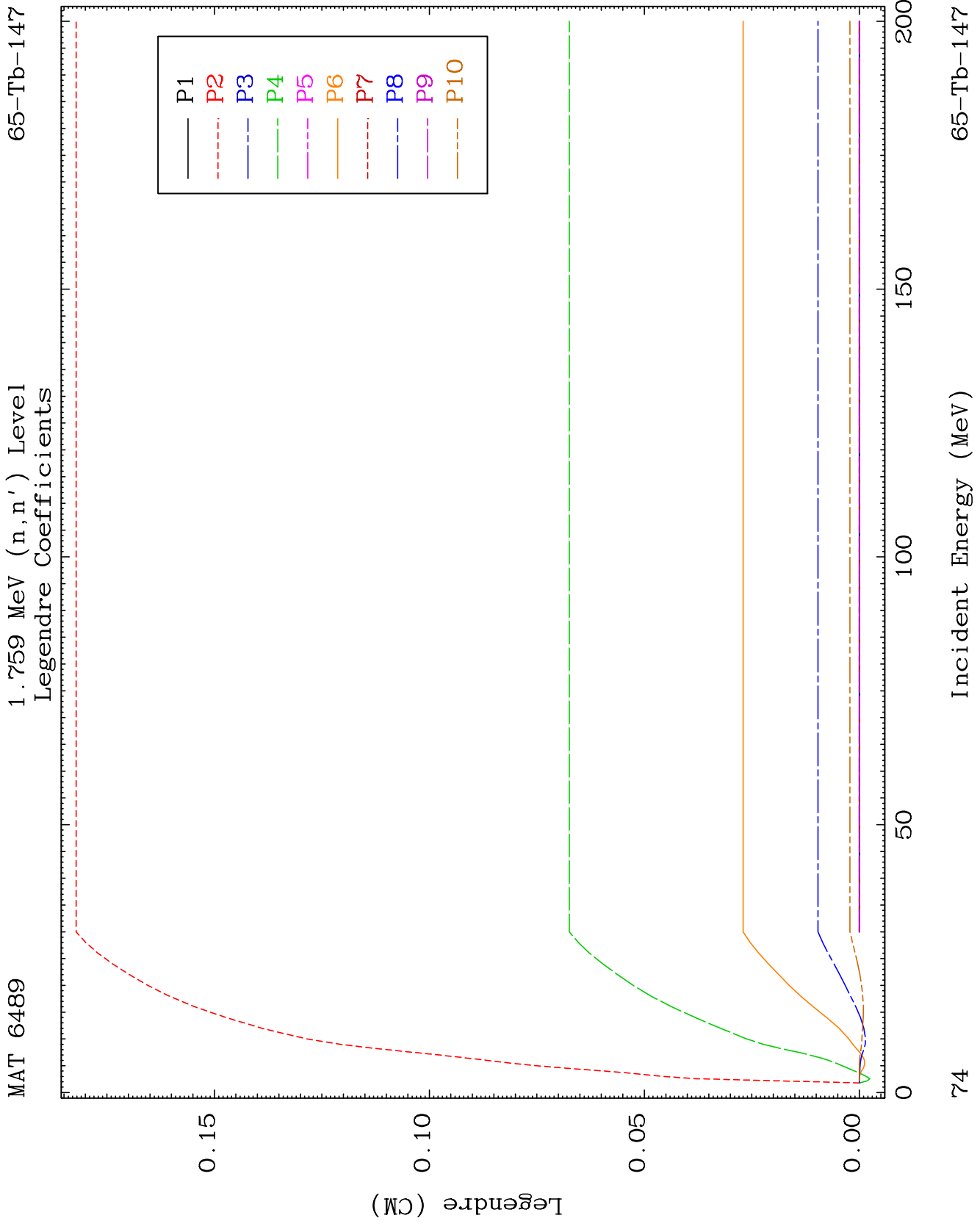
71

Incident Energy (MeV)

65-Tb-147



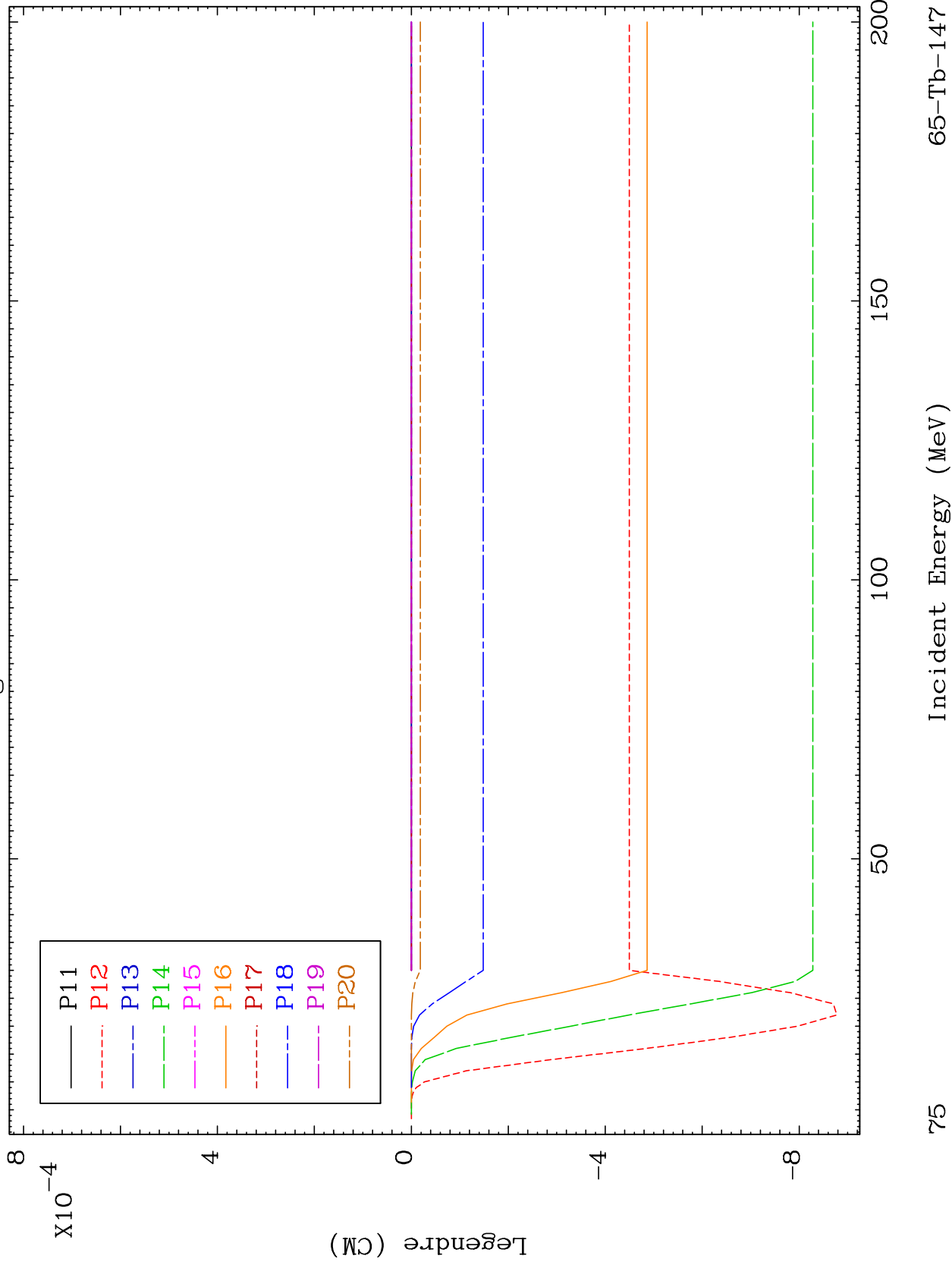




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1.759 MeV (n,n') Level
Legendre Coefficients

65-Tb-147



75

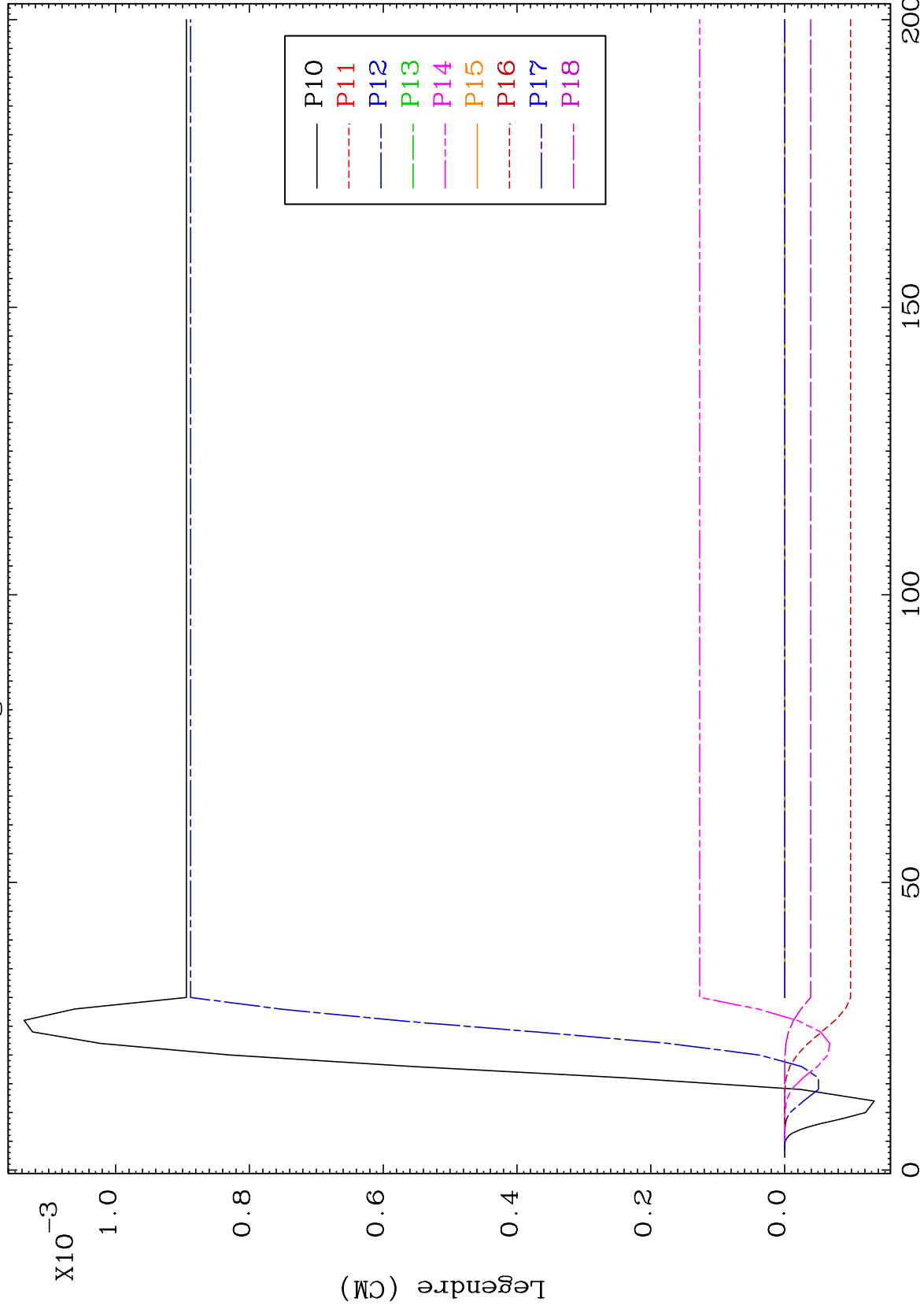
Incident Energy (MeV)

65-Tb-147

MAT 6489

1.761 MeV (n,n') Level
Legendre Coefficients

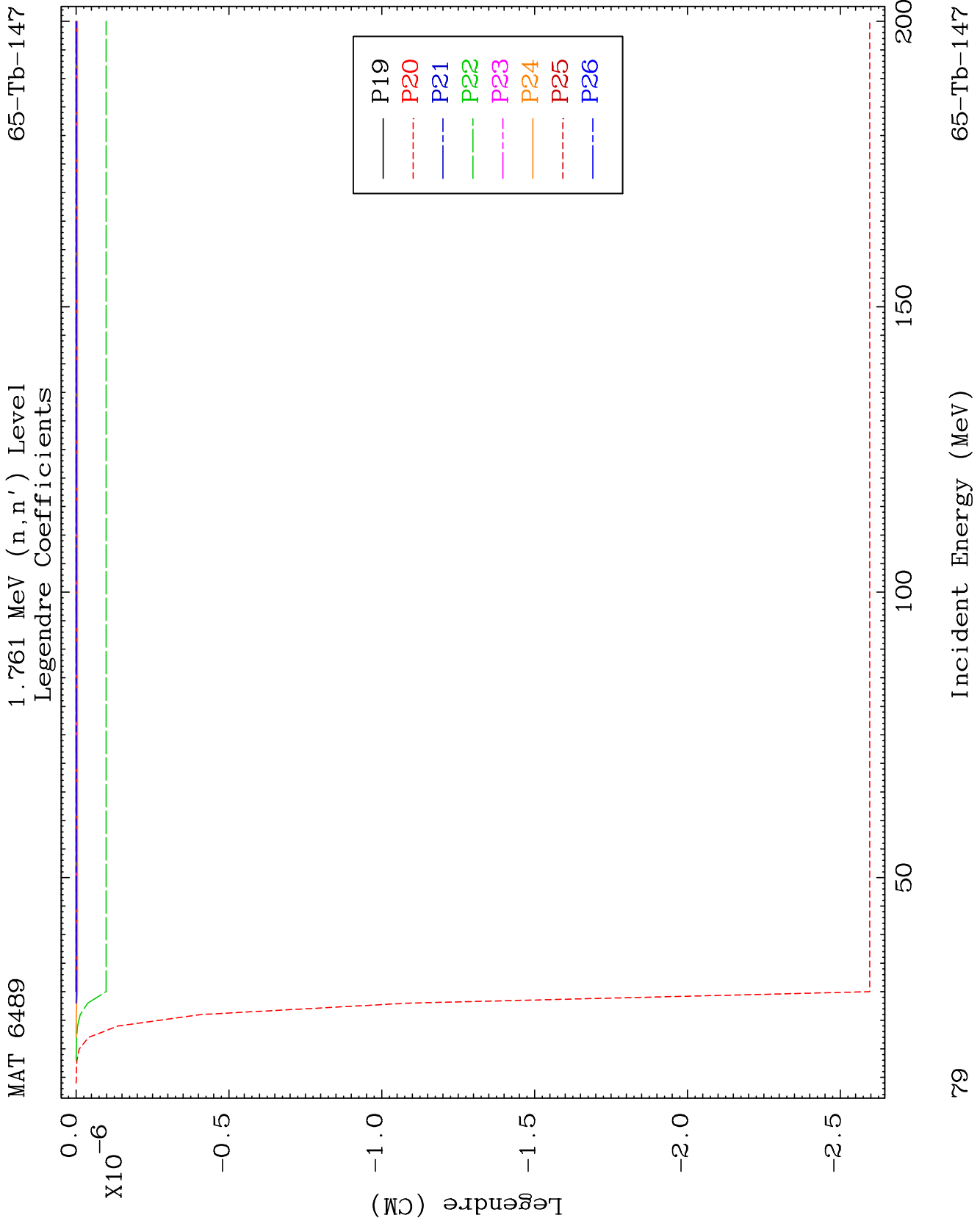
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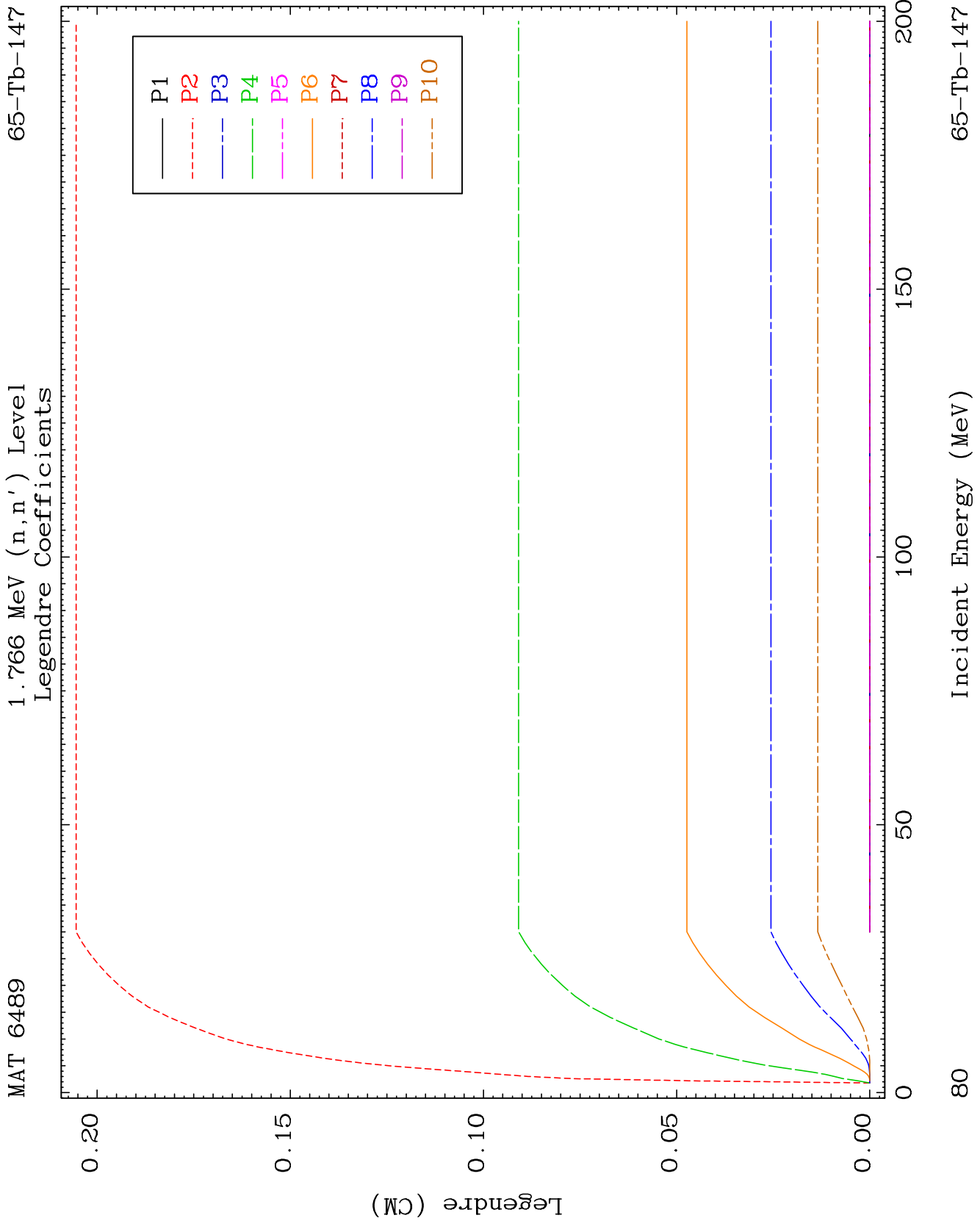


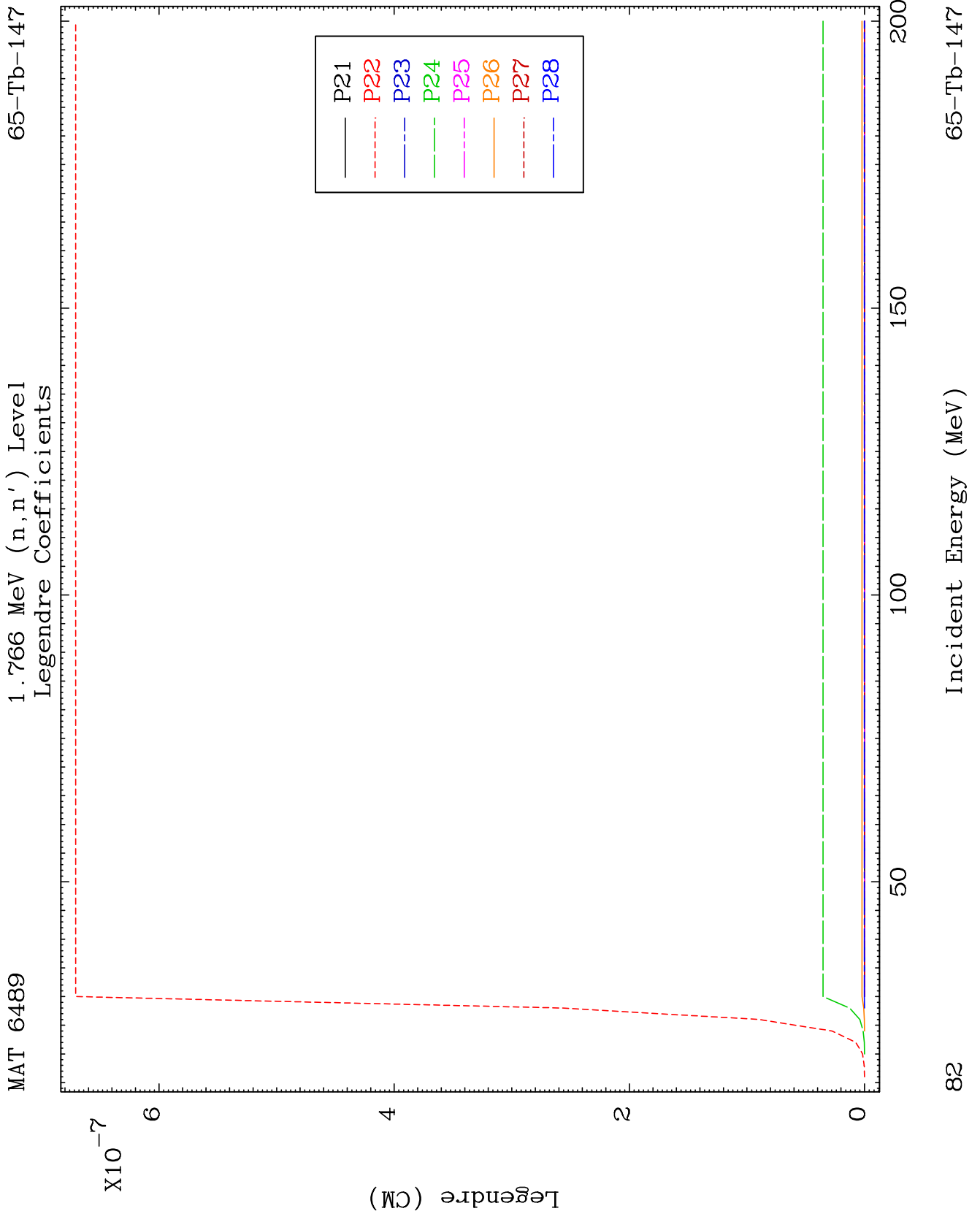
78

Incident Energy (MeV)

65-Tb-147



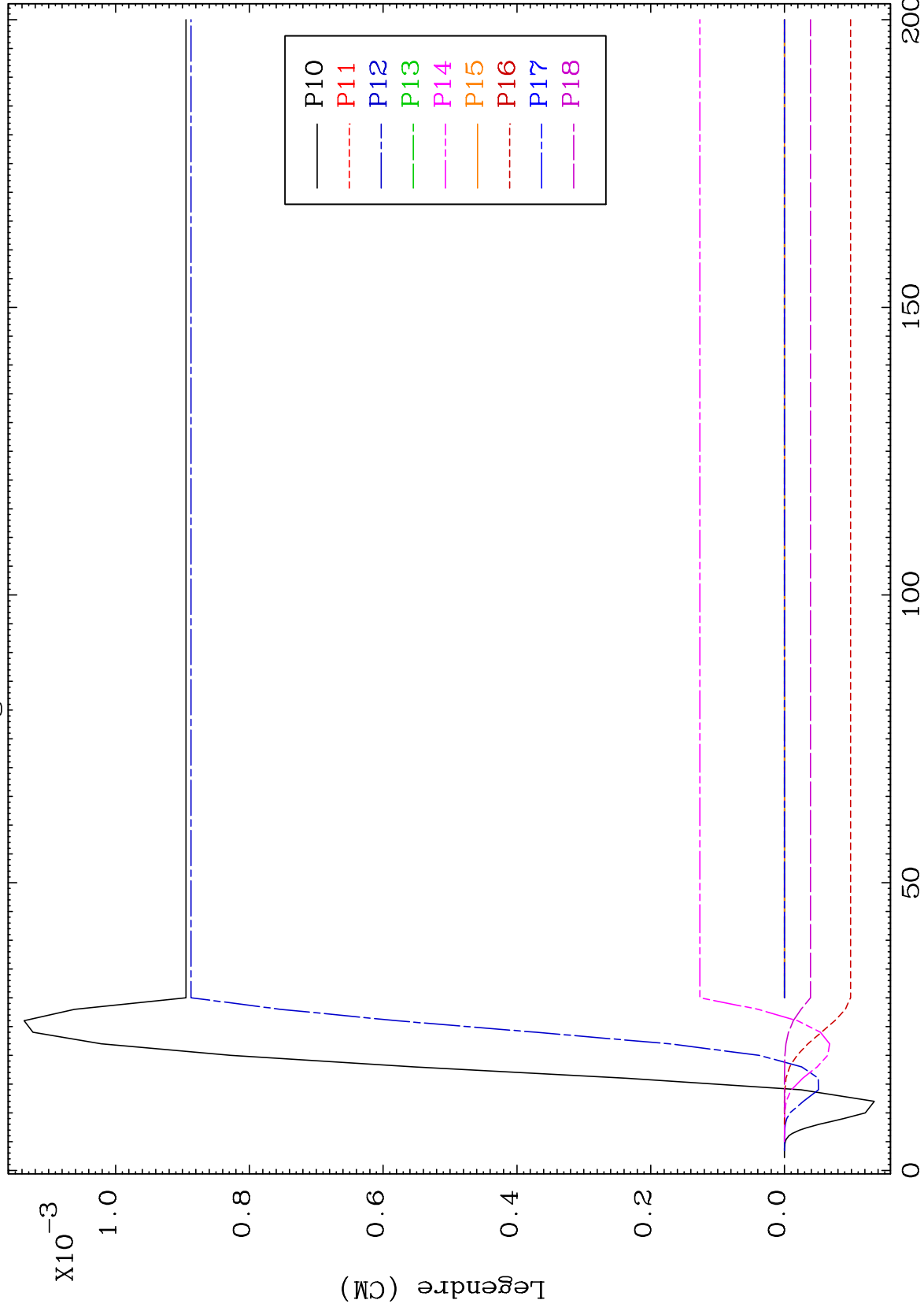




MAT 6489

1.776 MeV (n,n') Level
Legendre Coefficients

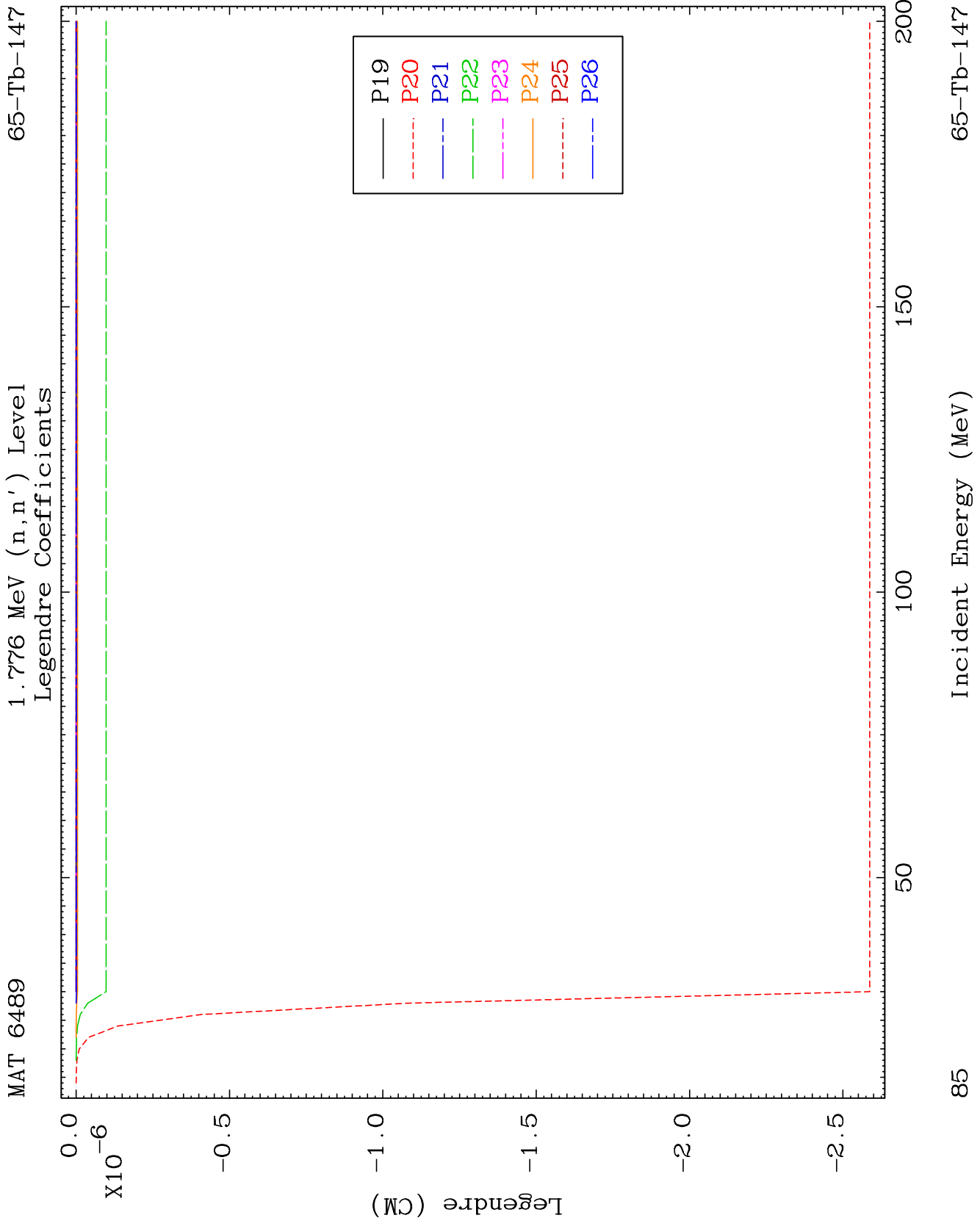
65-Tb-147



84

Incident Energy (MeV)

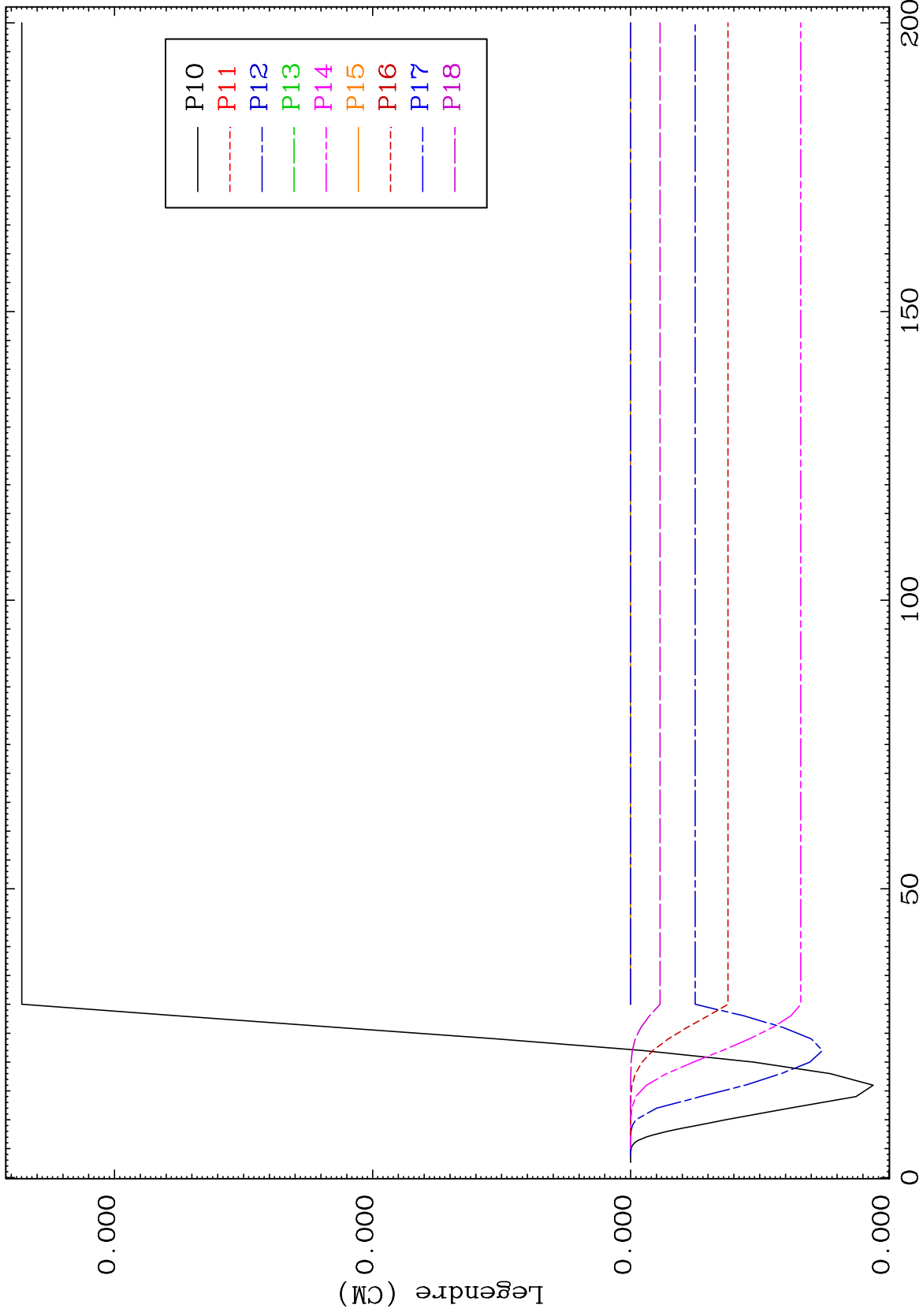
65-Tb-147



MAT 6489

1.965 MeV (n,n') Level
Legendre Coefficients

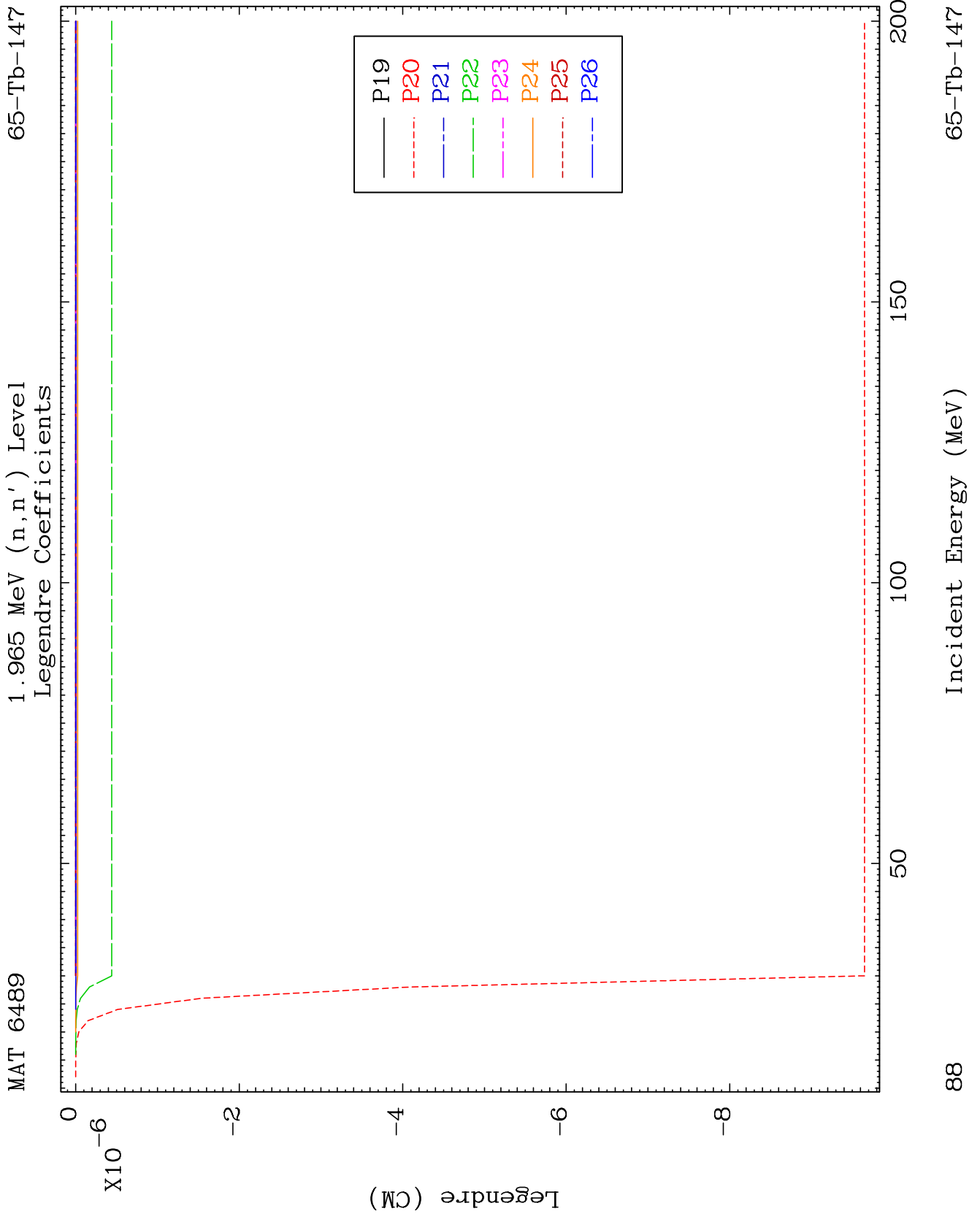
65-Tb-147



87

Incident Energy (MeV)

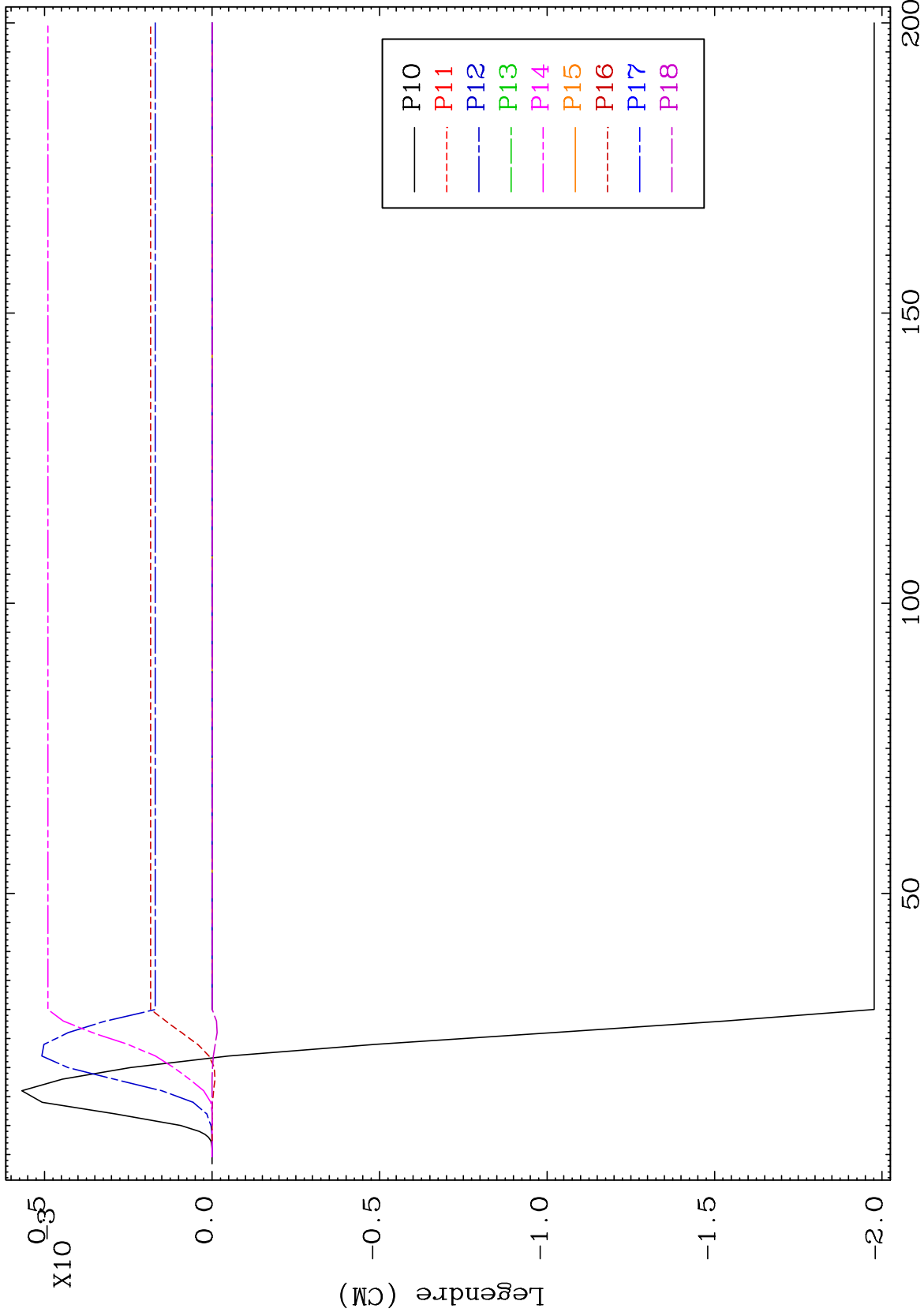
65-Tb-147



MAT 6489

1.971 MeV (n,n') Level
Legendre Coefficients

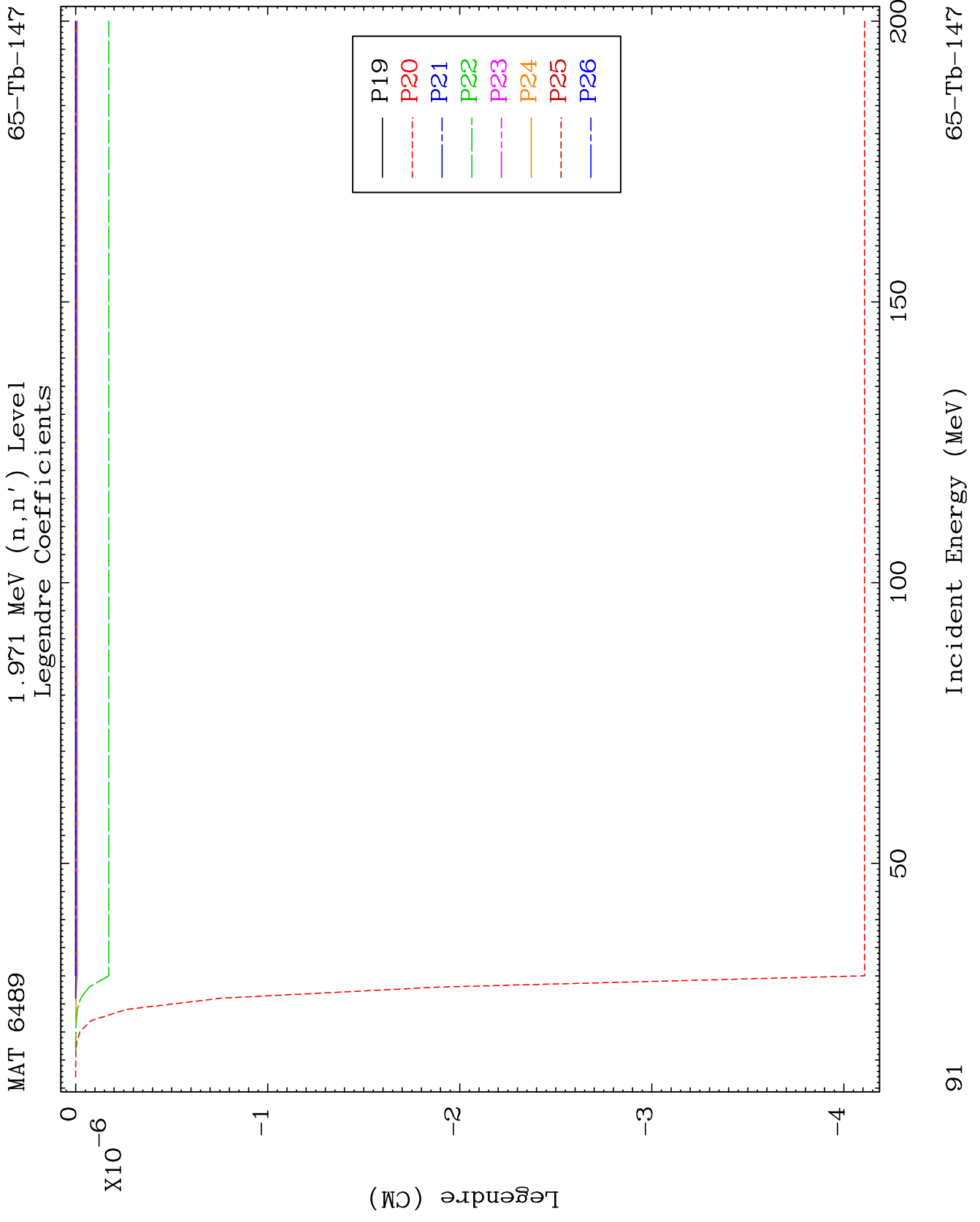
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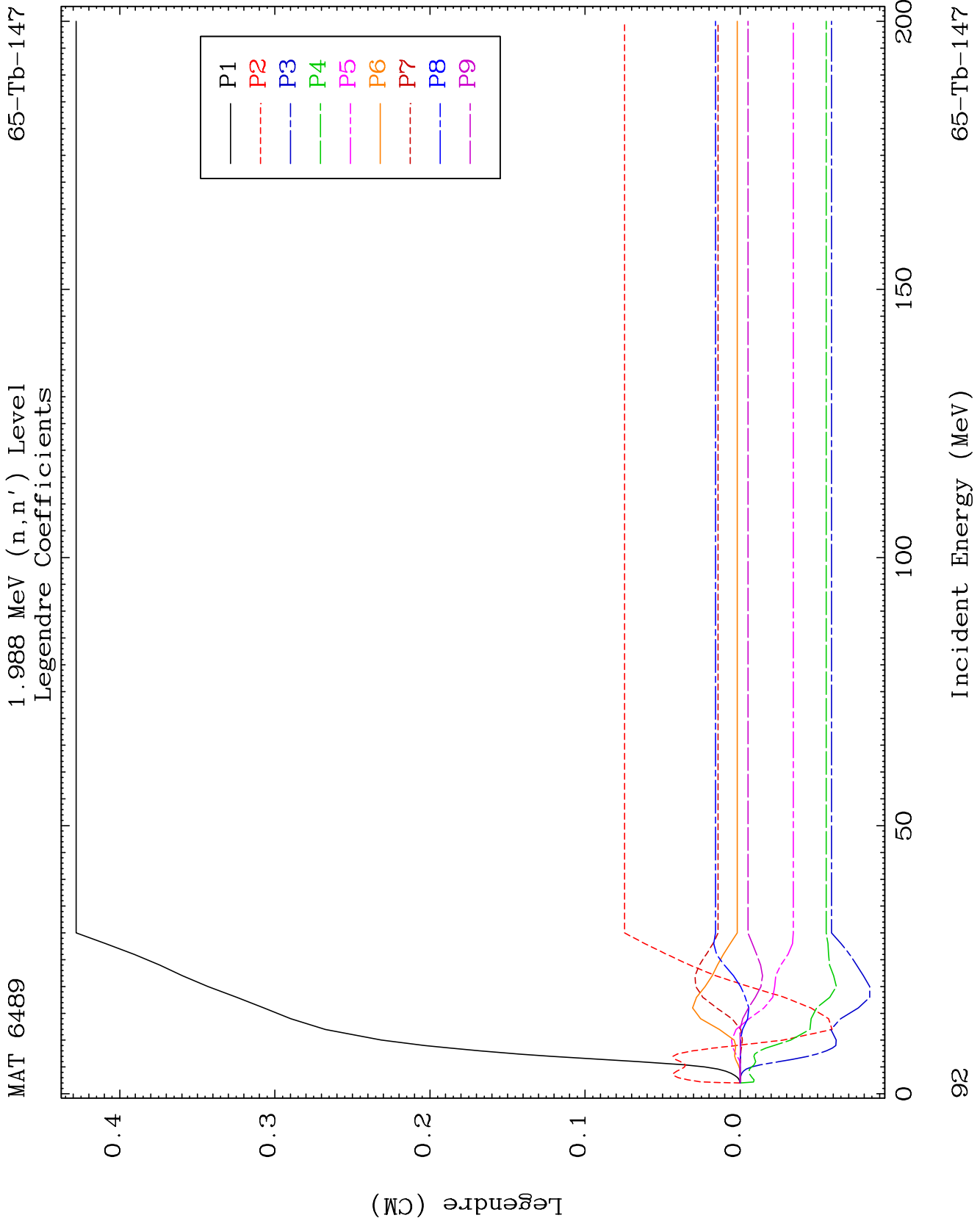


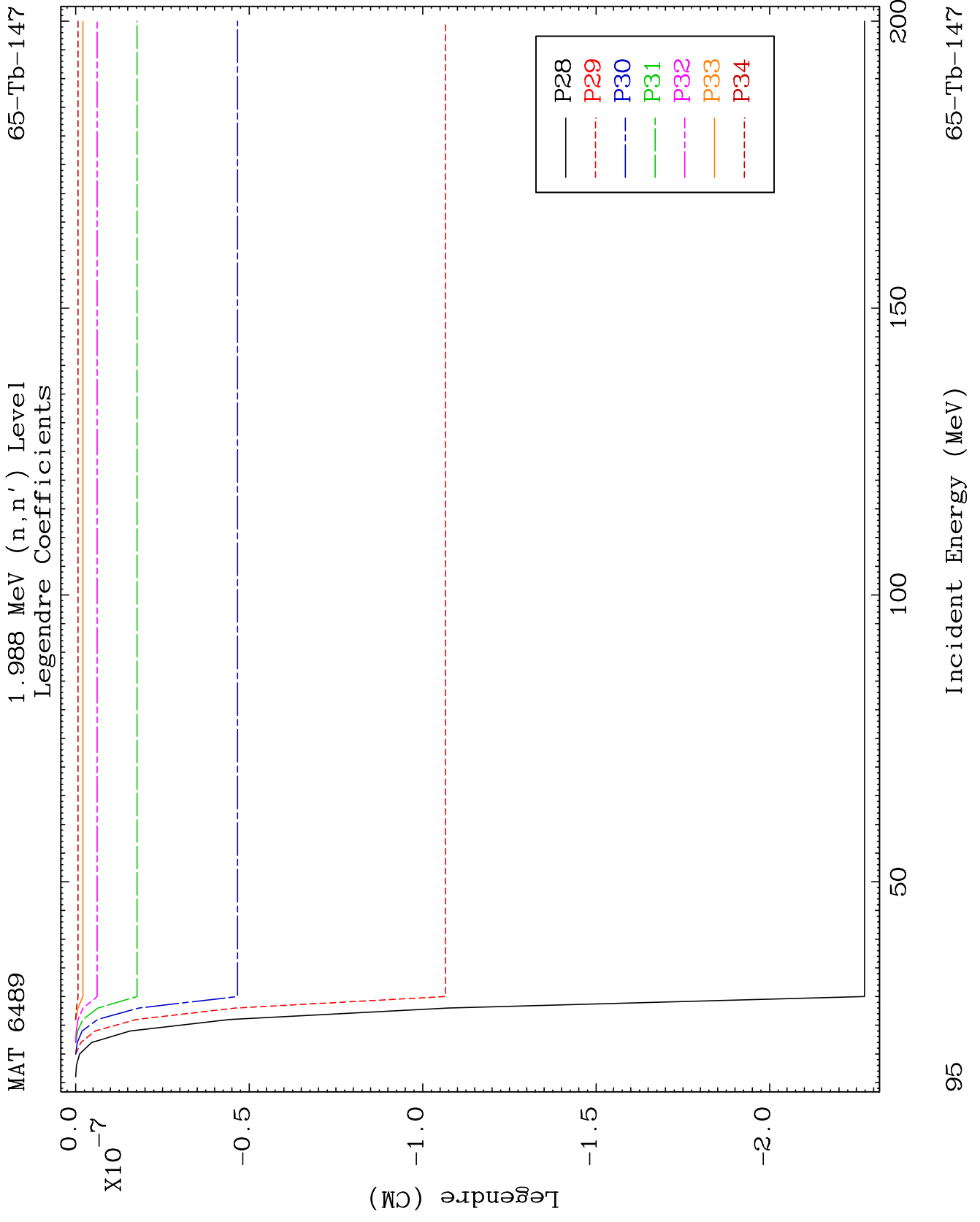
90

Incident Energy (MeV)

65-Tb-147



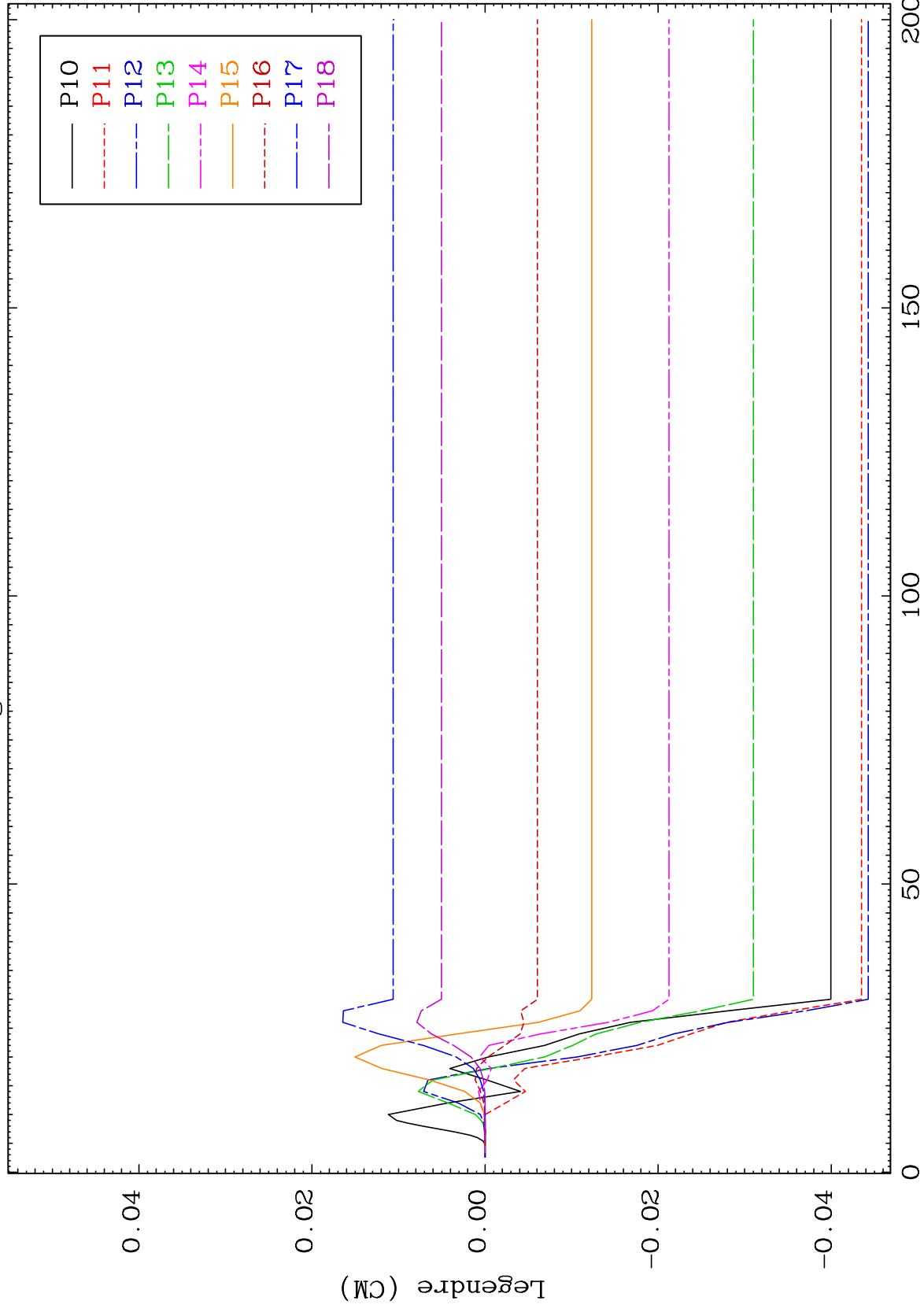




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1.997 MeV (n,n') Level
Legendre Coefficients

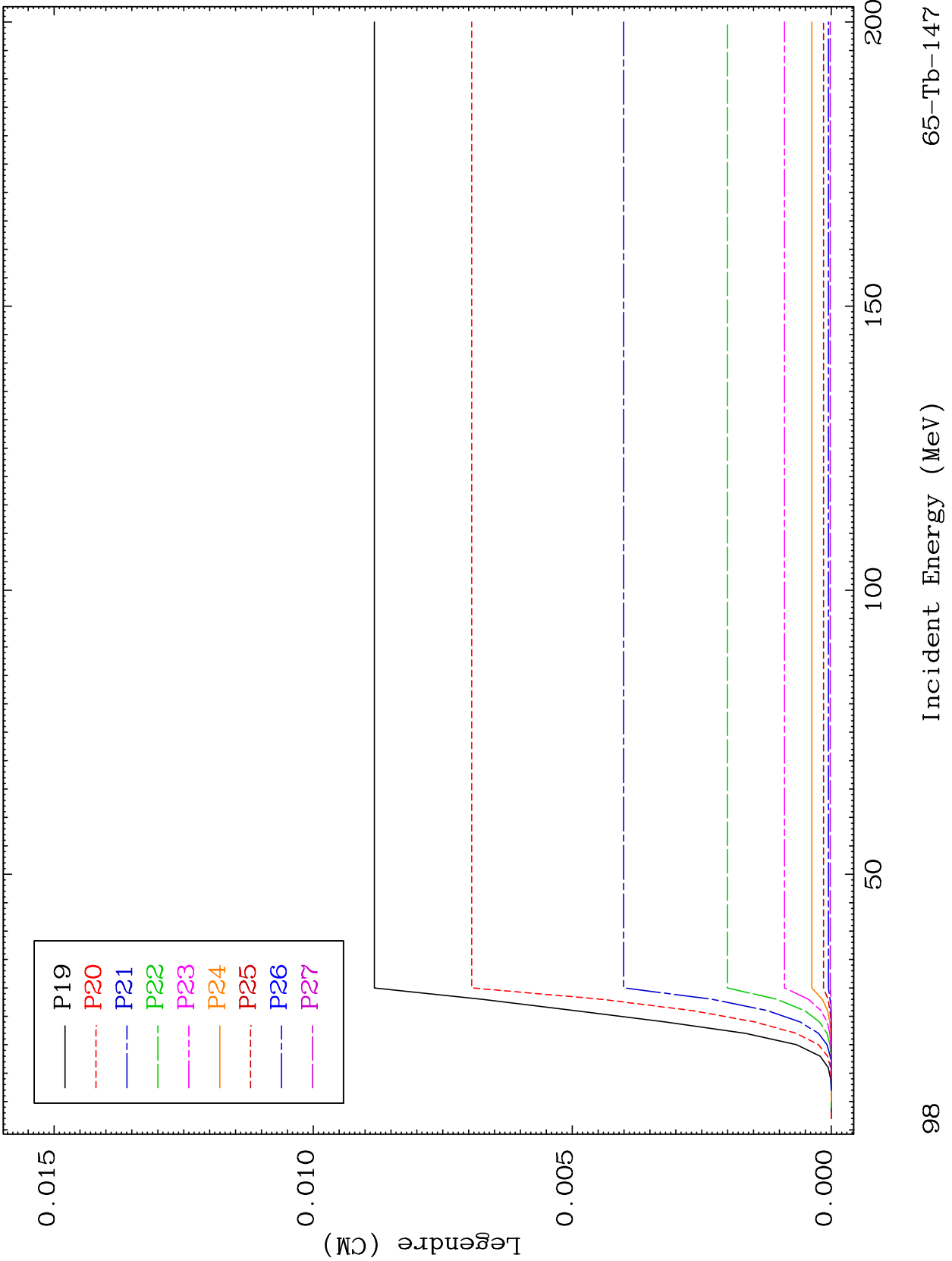
65-Tb-147

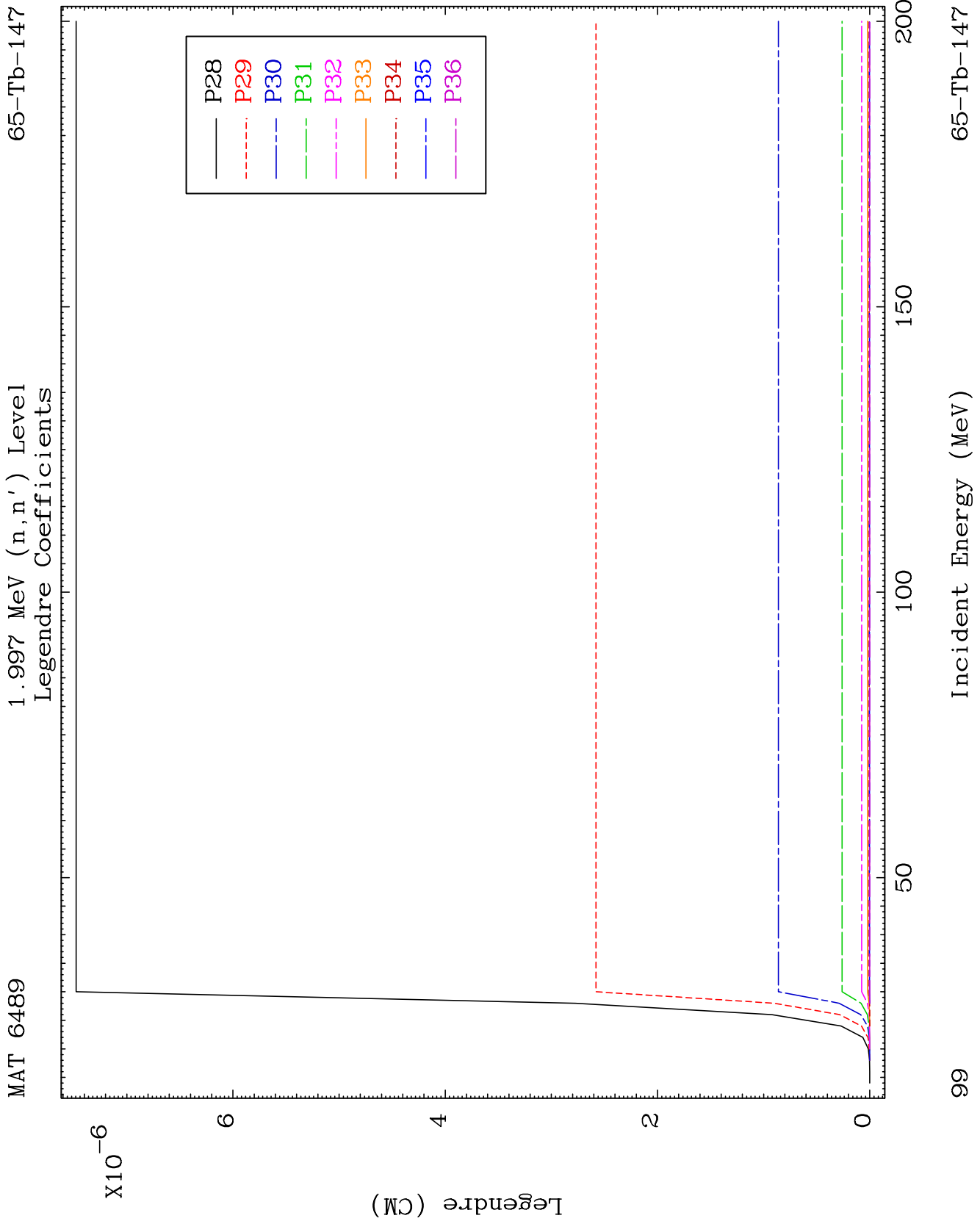


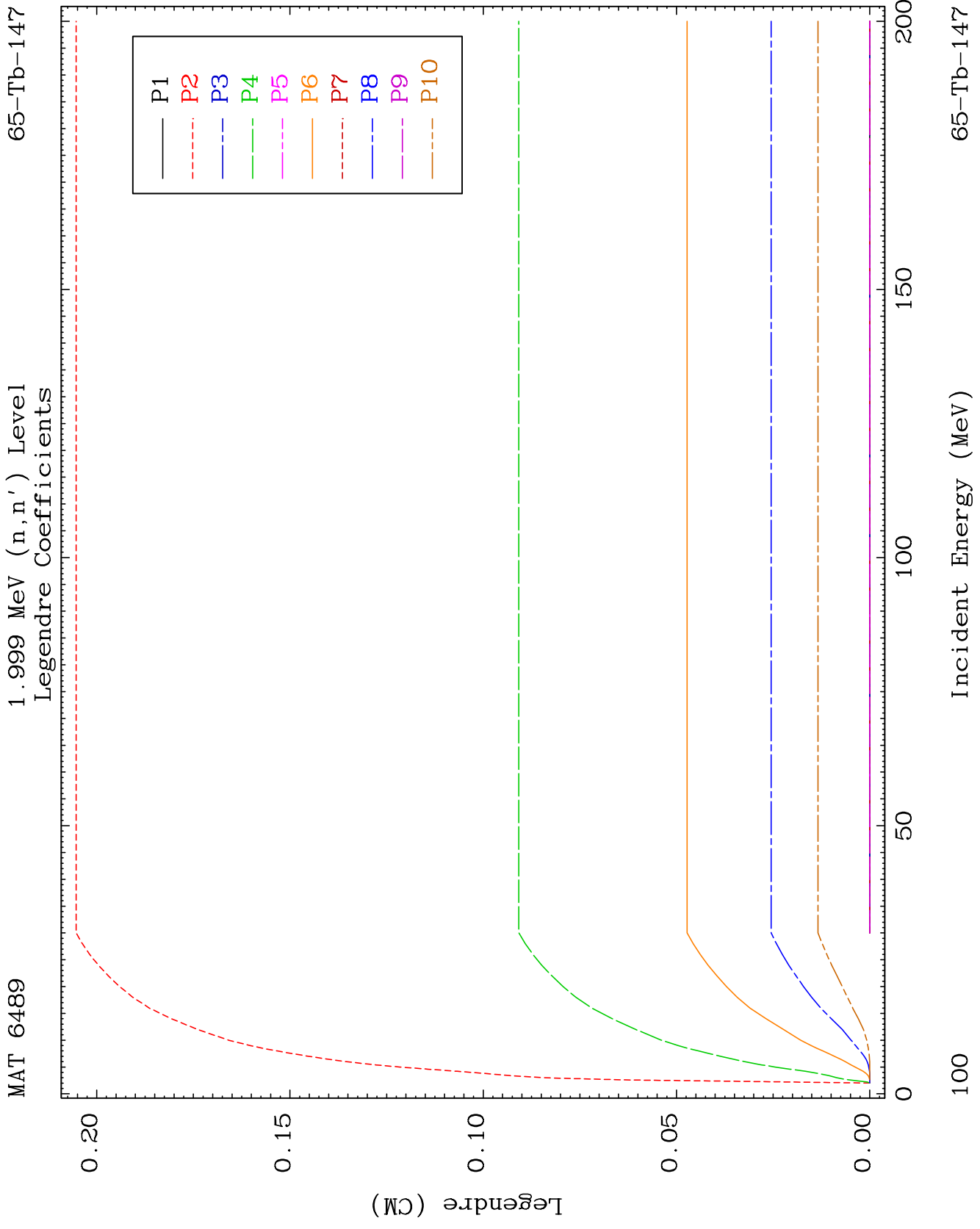
97

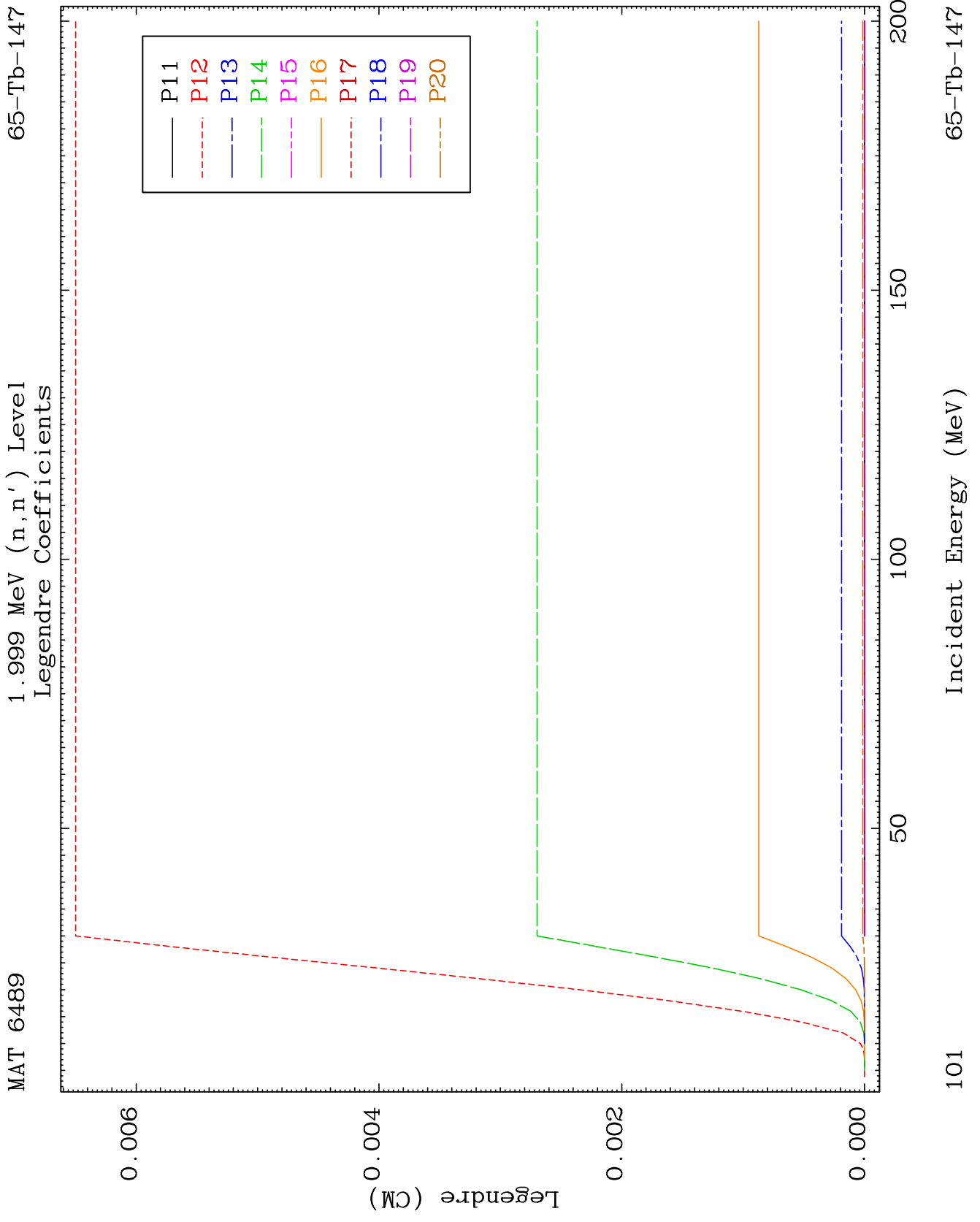
Incident Energy (MeV)

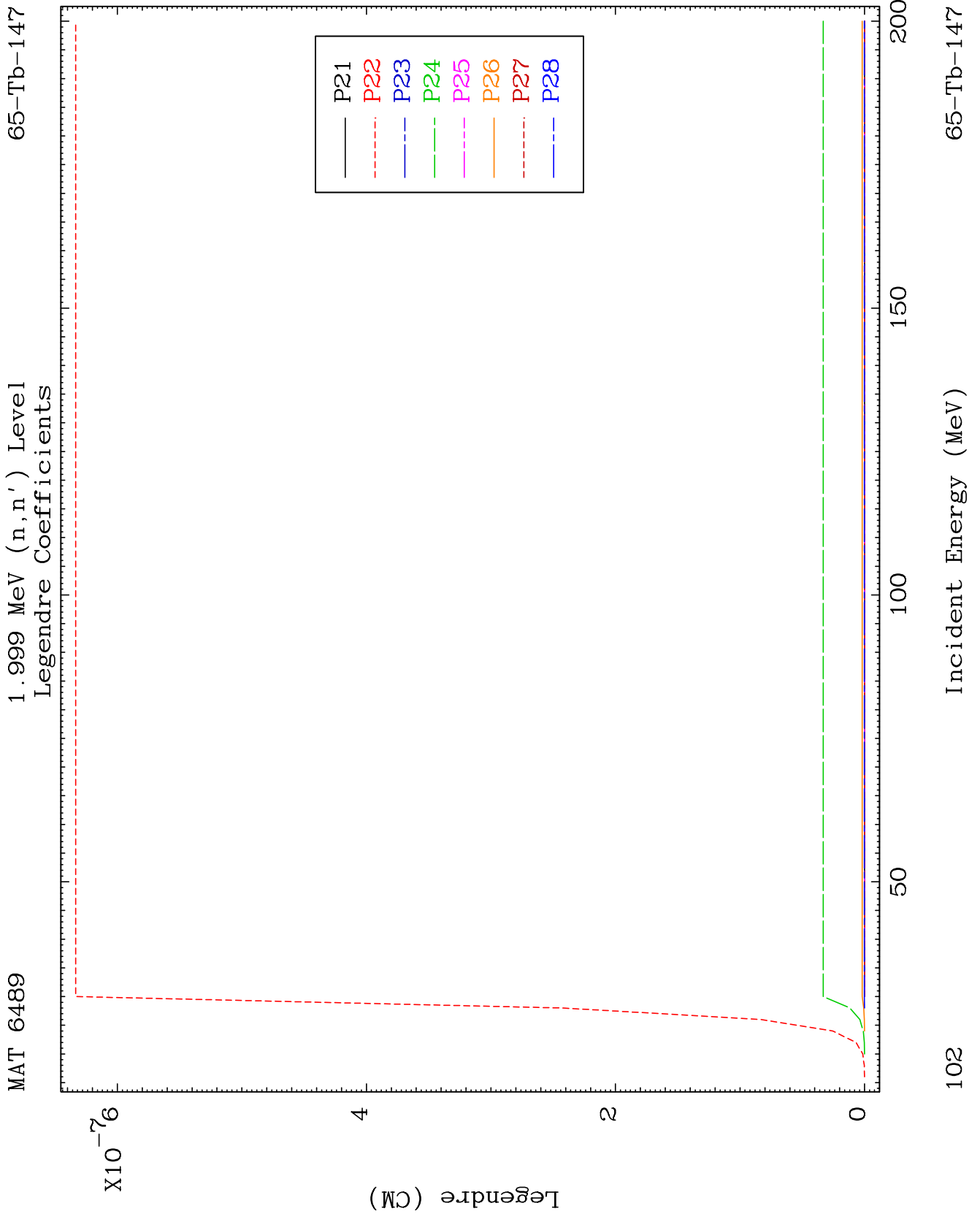
65-Tb-147







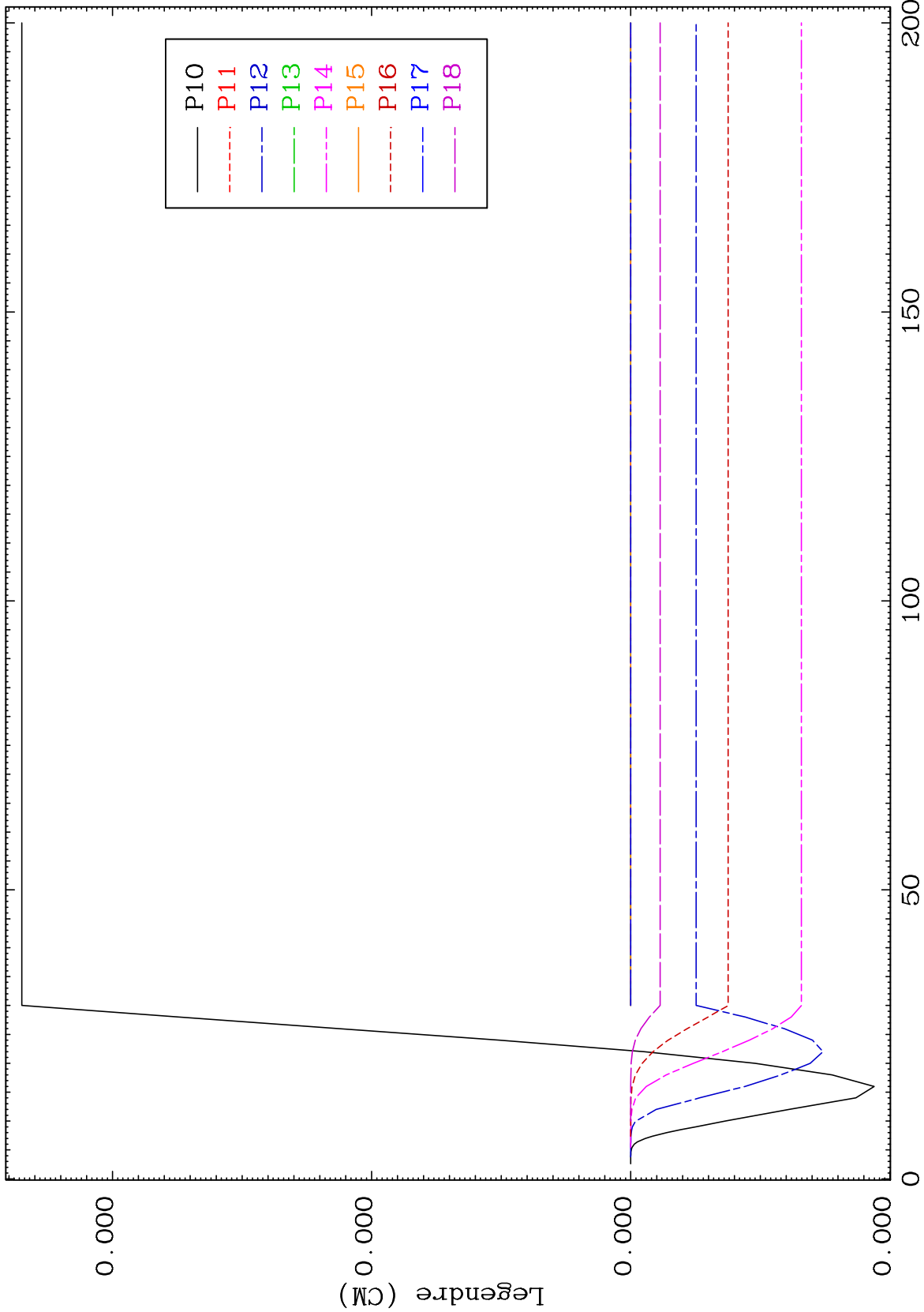




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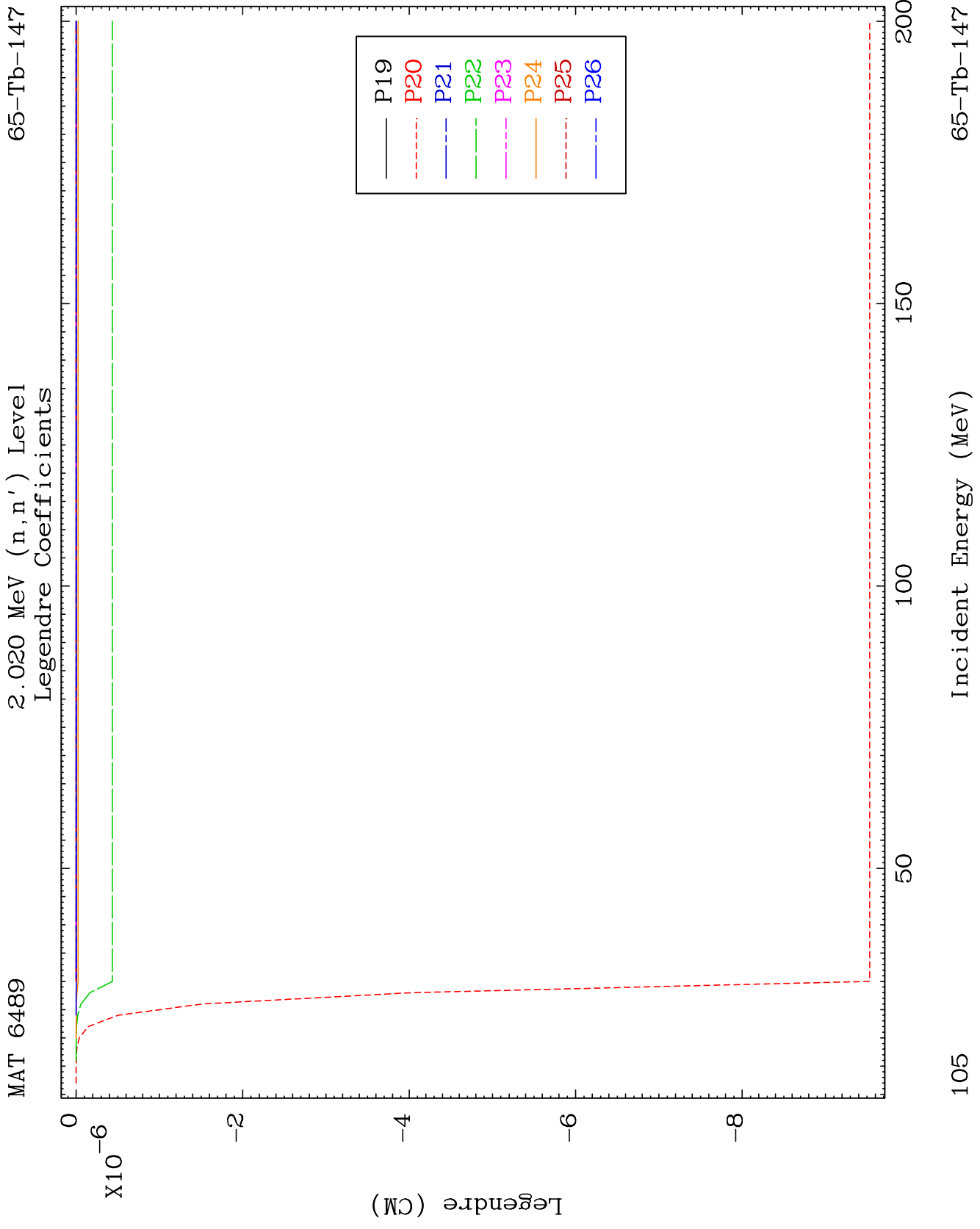
2.020 MeV (n,n') Level
Legendre Coefficients

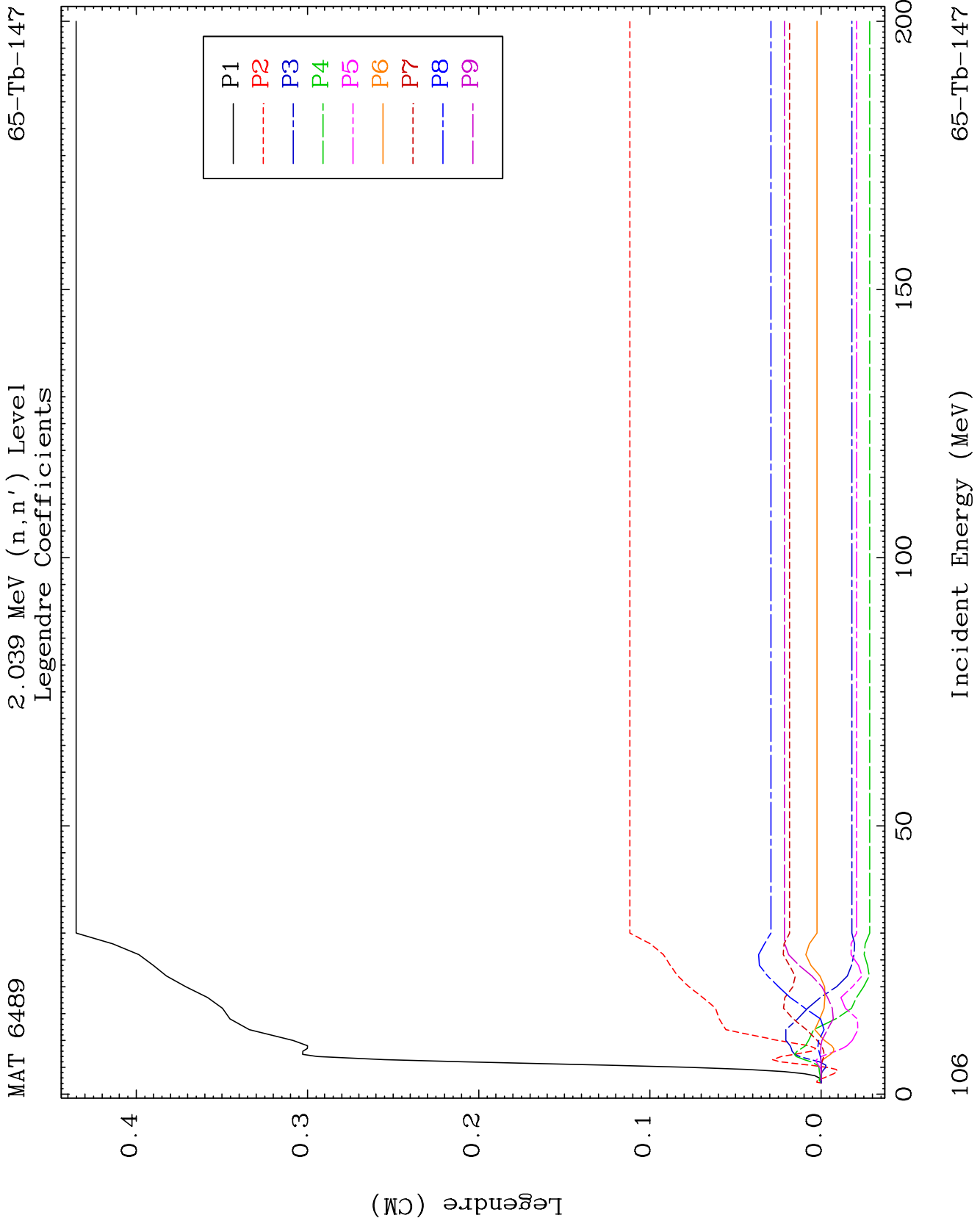
65-Tb-147

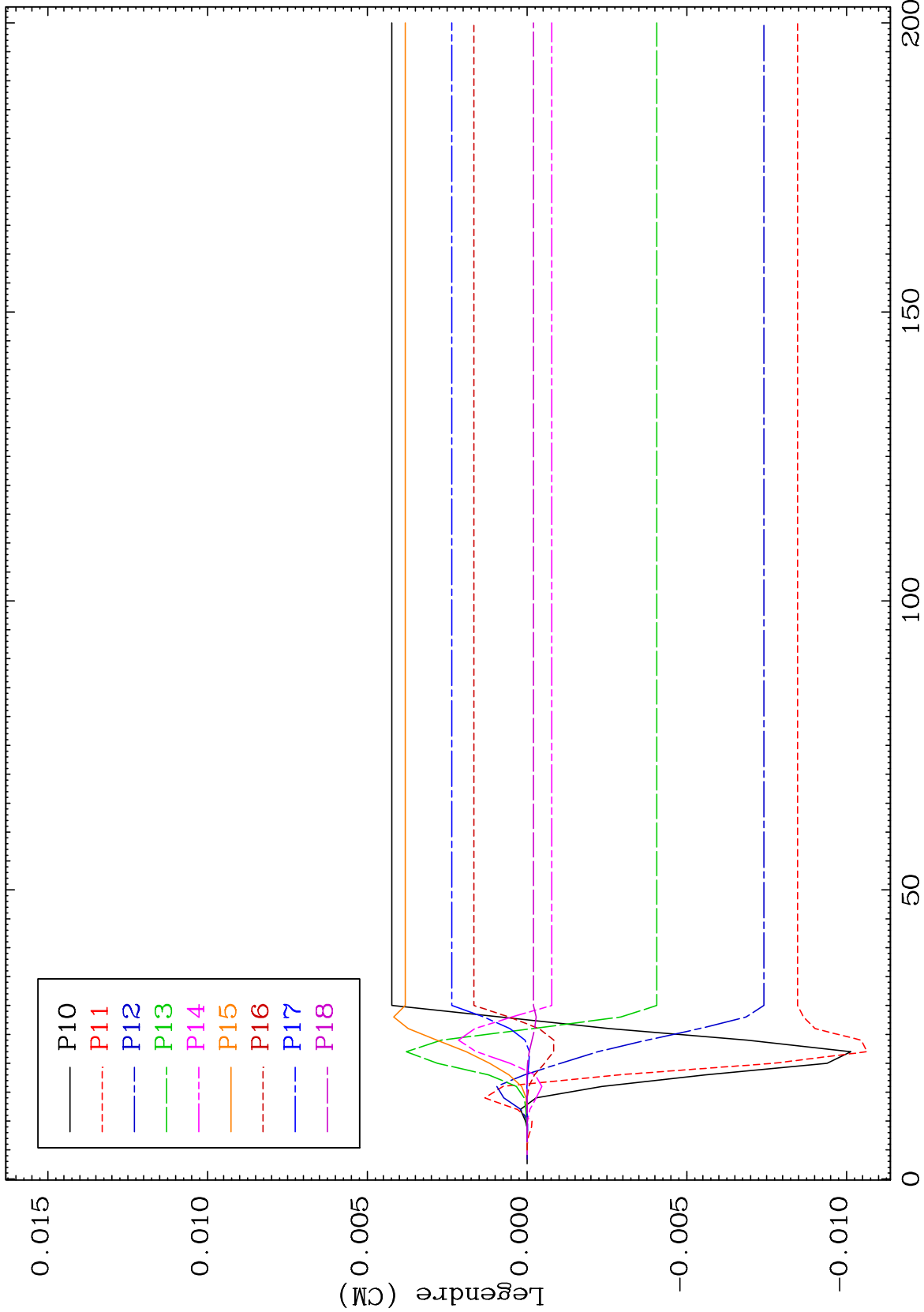


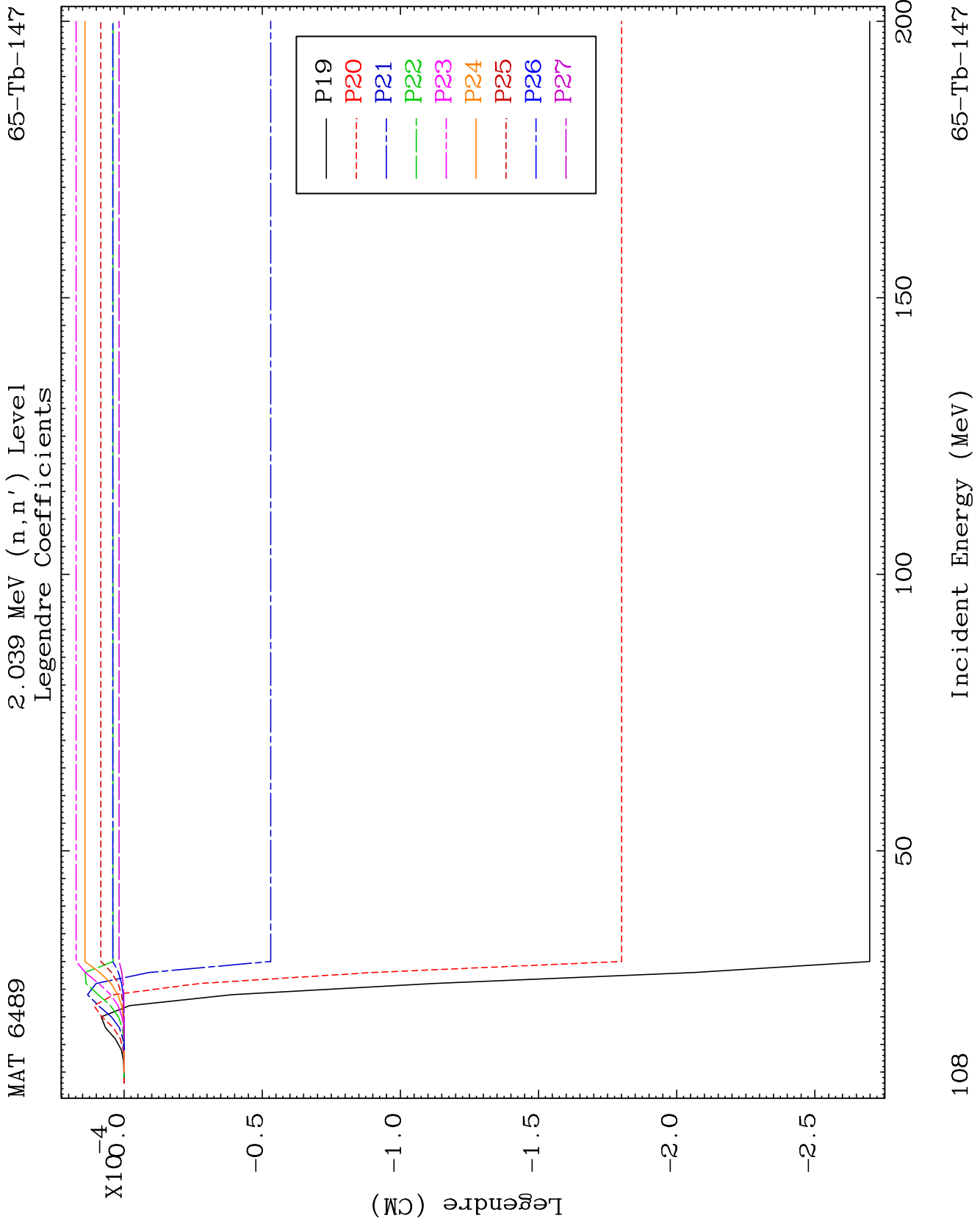
104

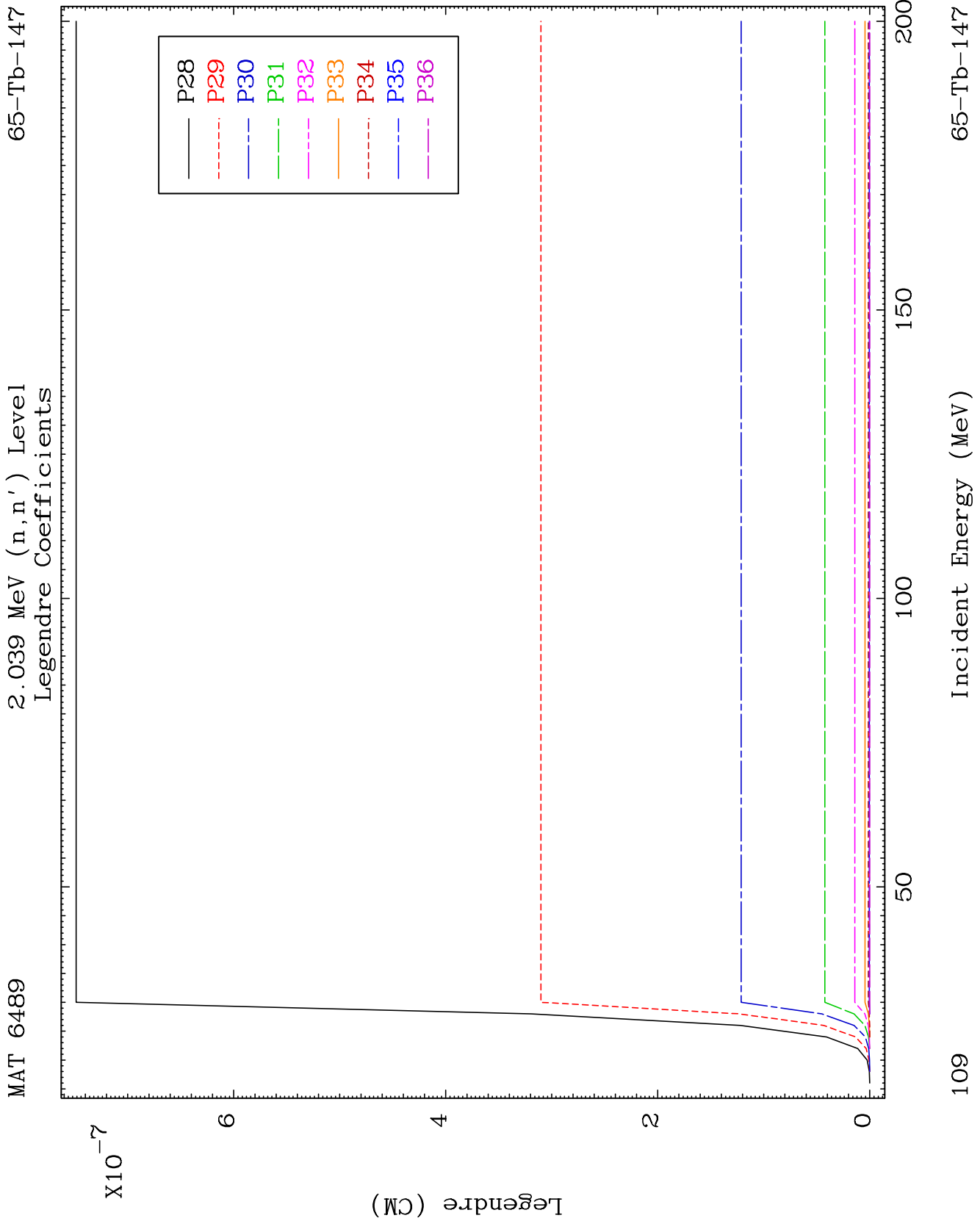
65-Tb-147

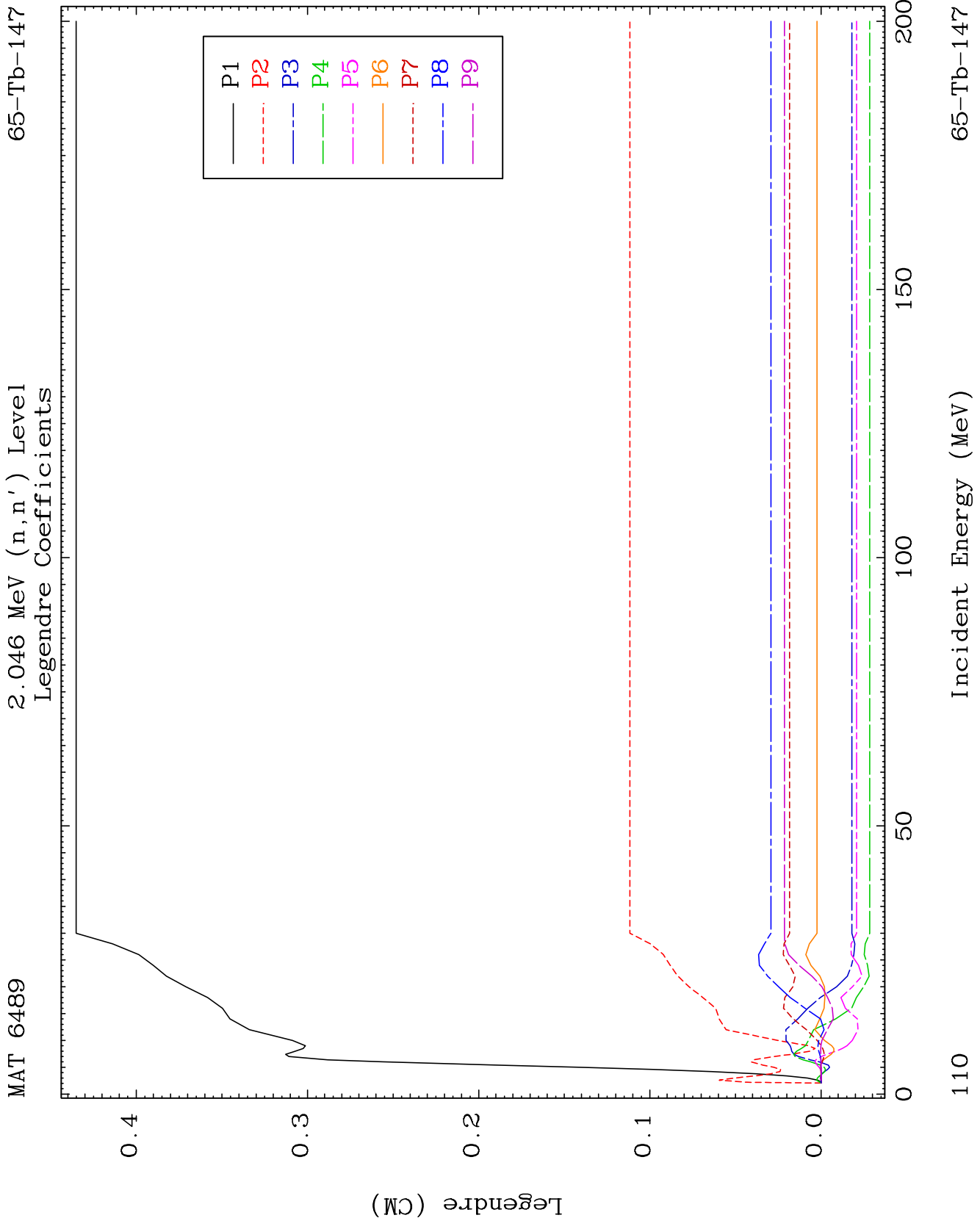


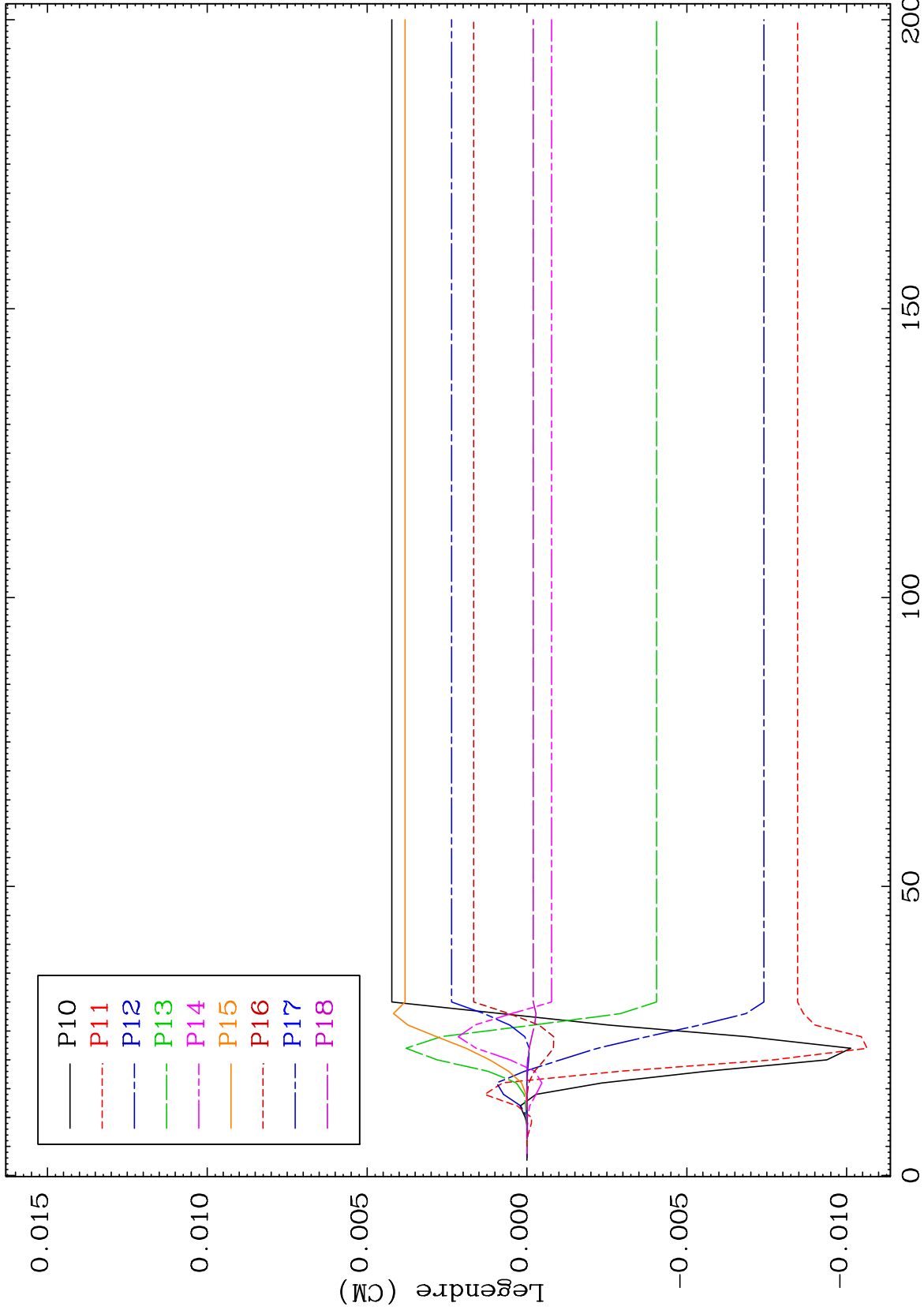


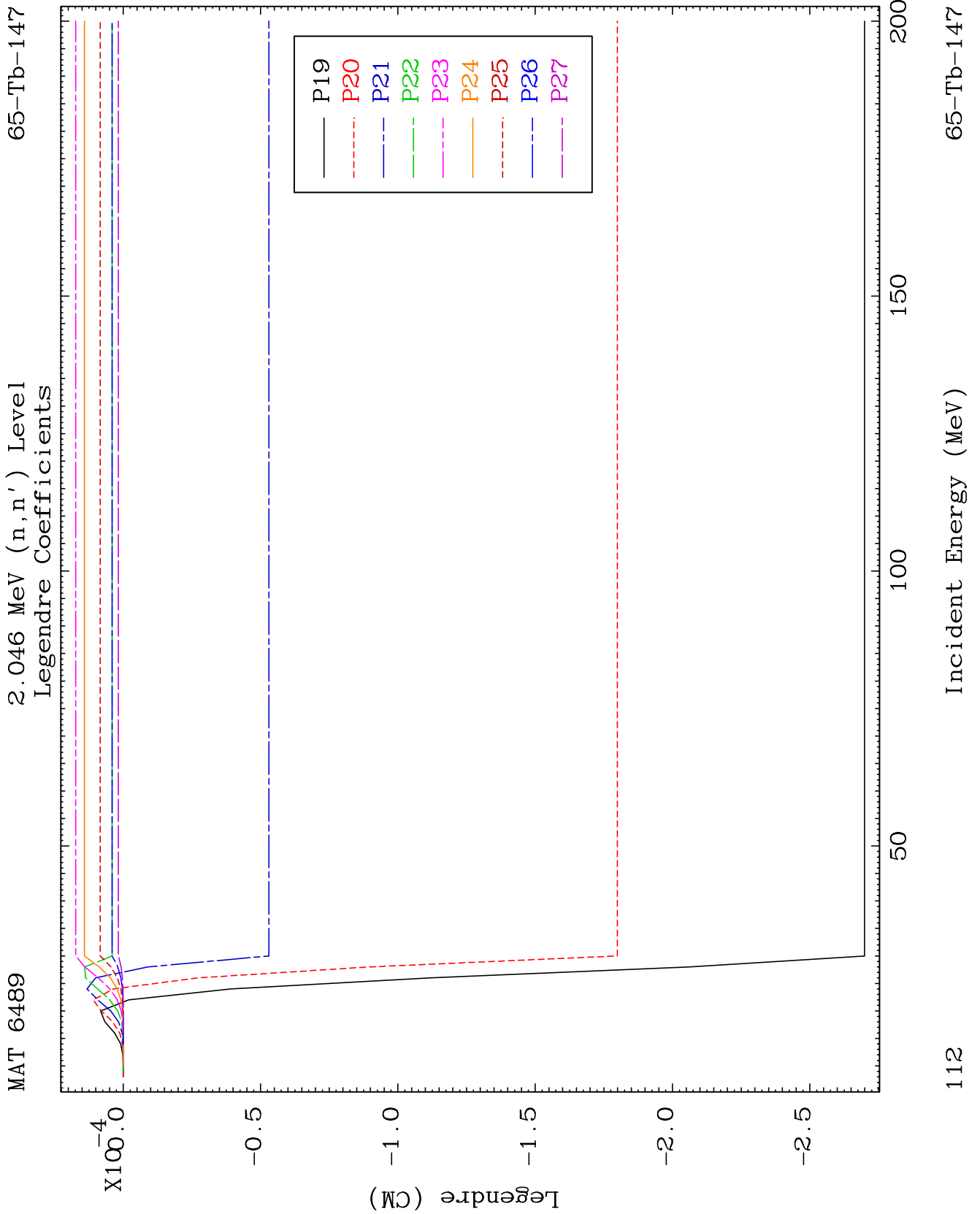


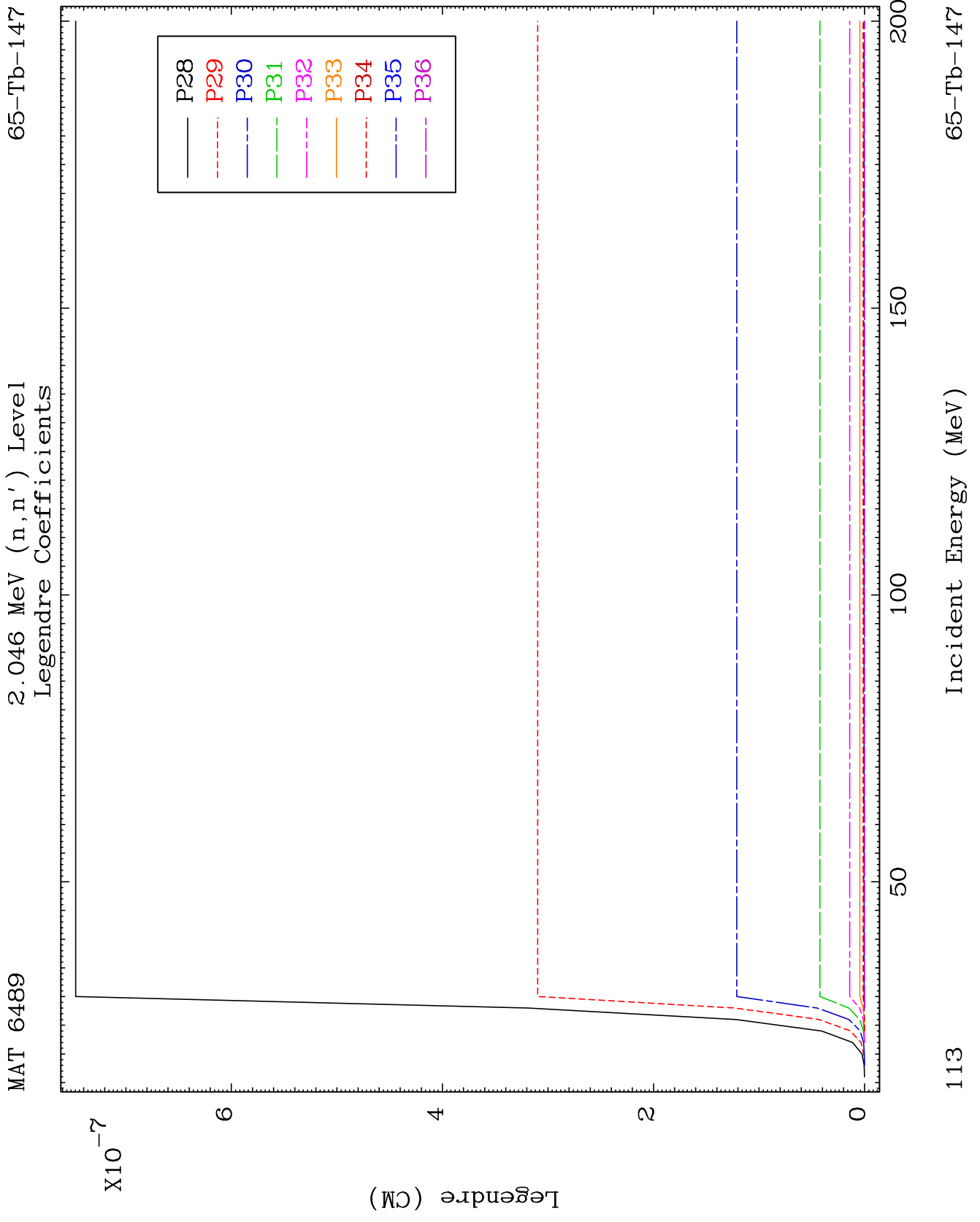


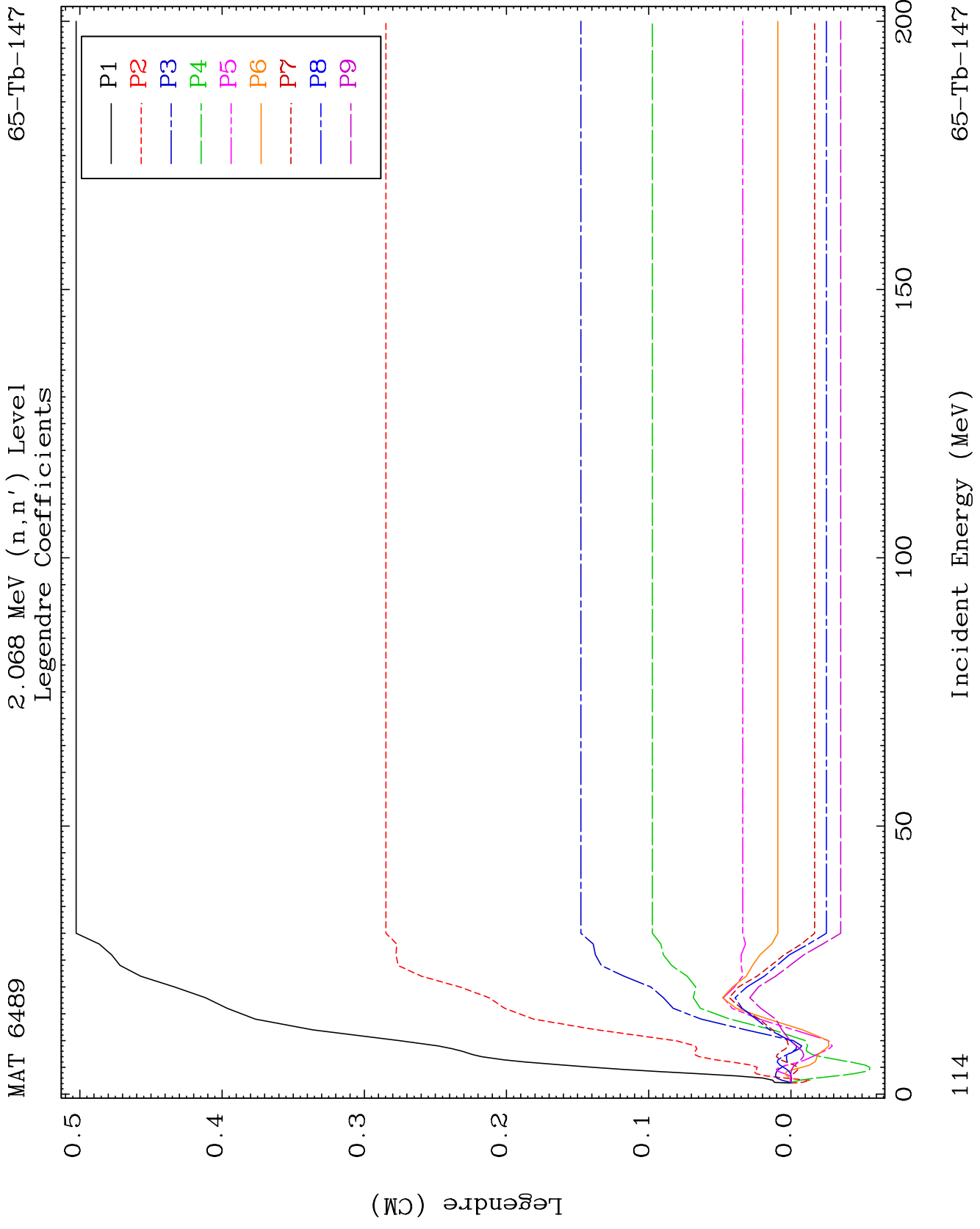








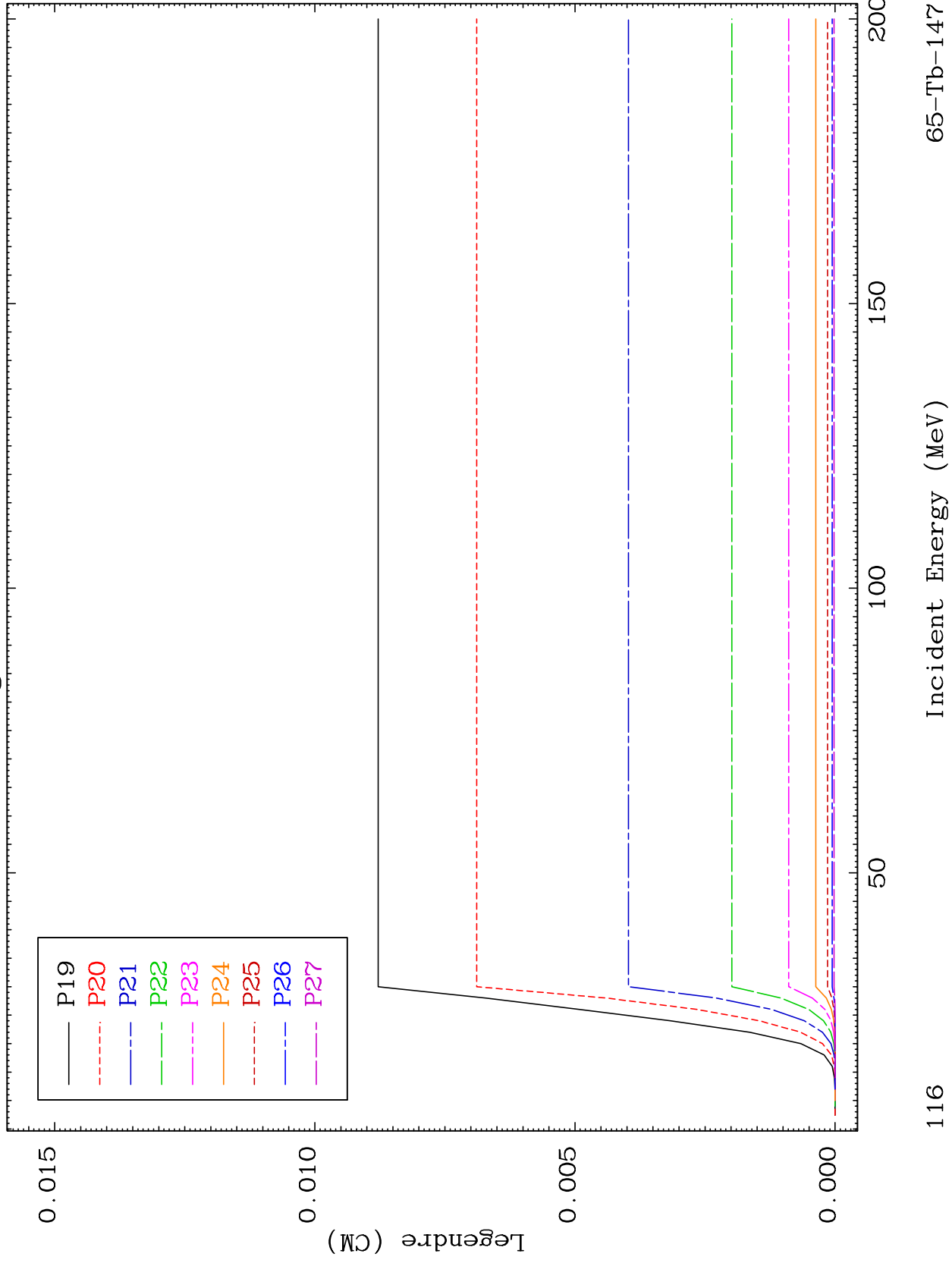




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2.068 MeV (n,n') Level
Legendre Coefficients

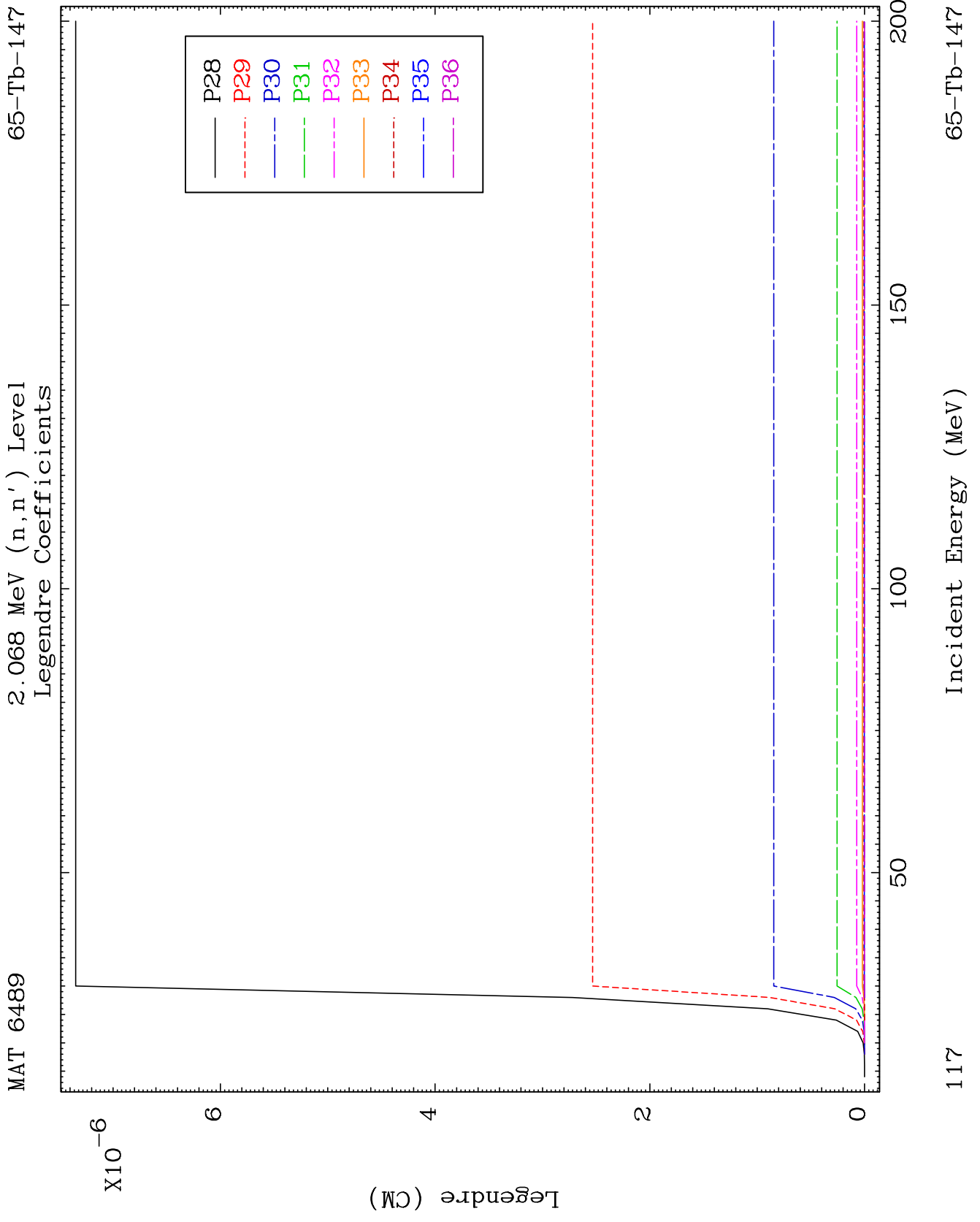
65-Tb-147



116

Incident Energy (MeV)

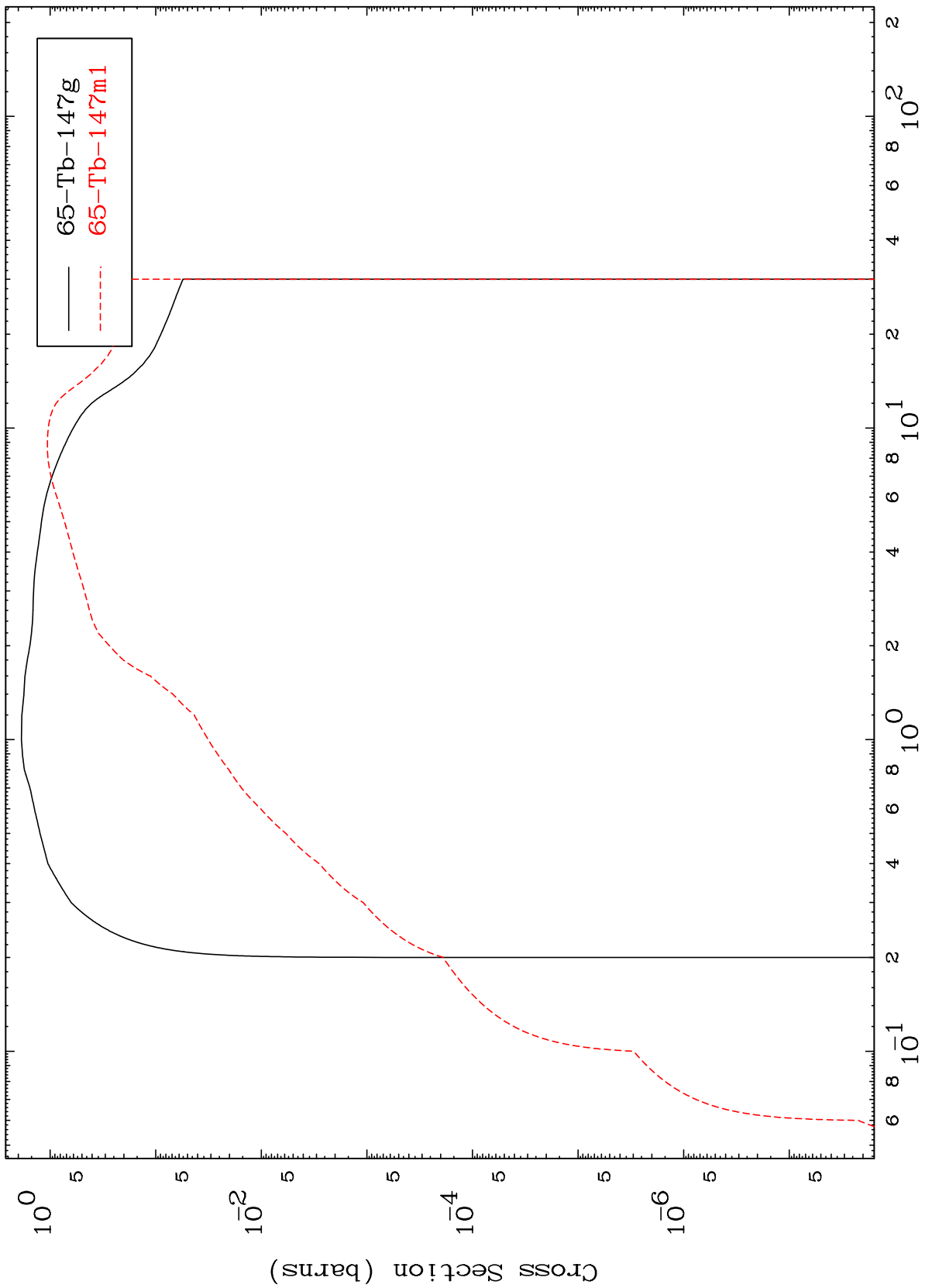
65-Tb-147



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65-Tb-147

Inelastic Radionuclide Production Cross Section



118

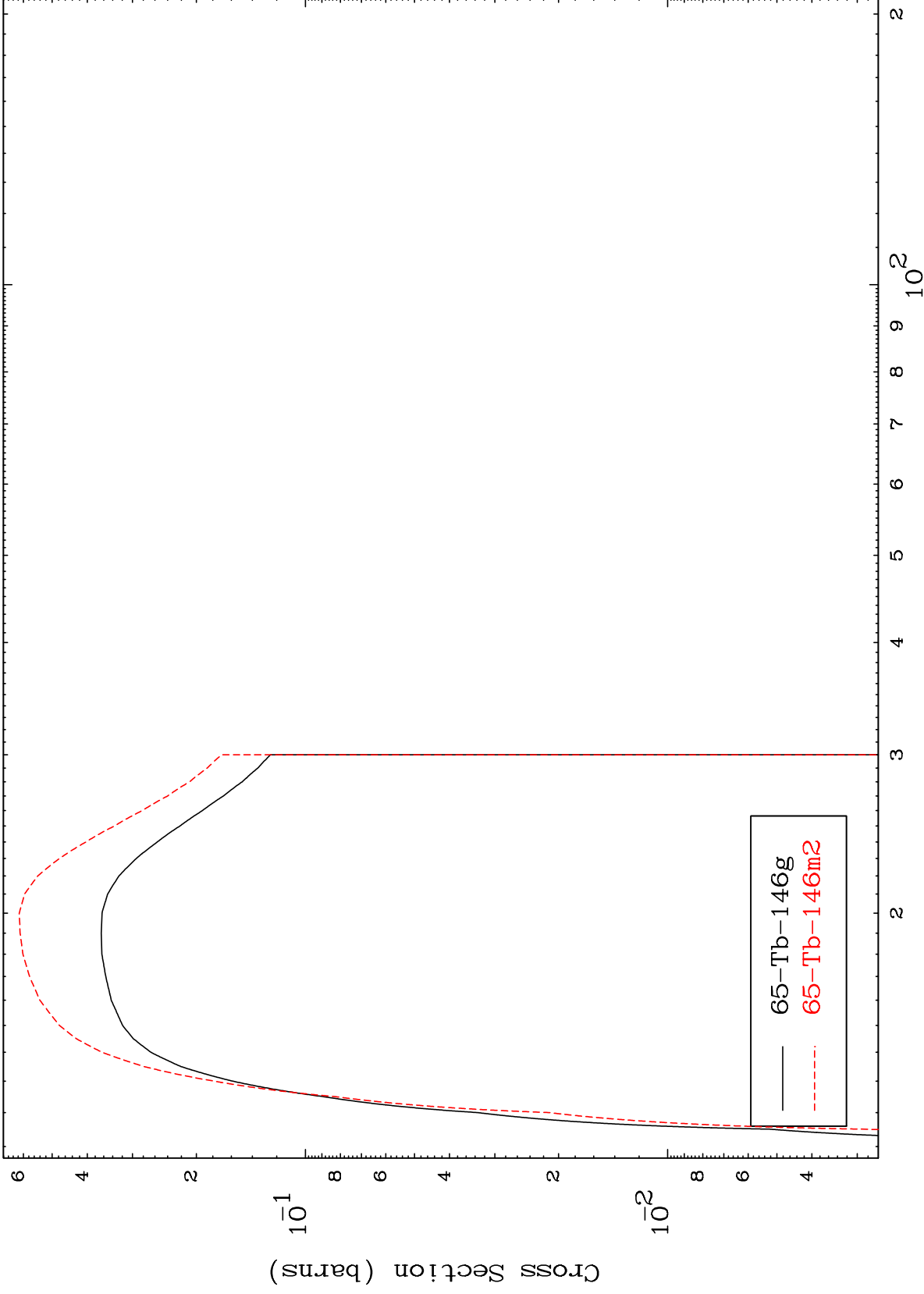
65-Tb-147

Incident Energy (MeV)

MAT 6489

65-Tb-147

(n,2n)
Radionuclide Production Cross Section



119

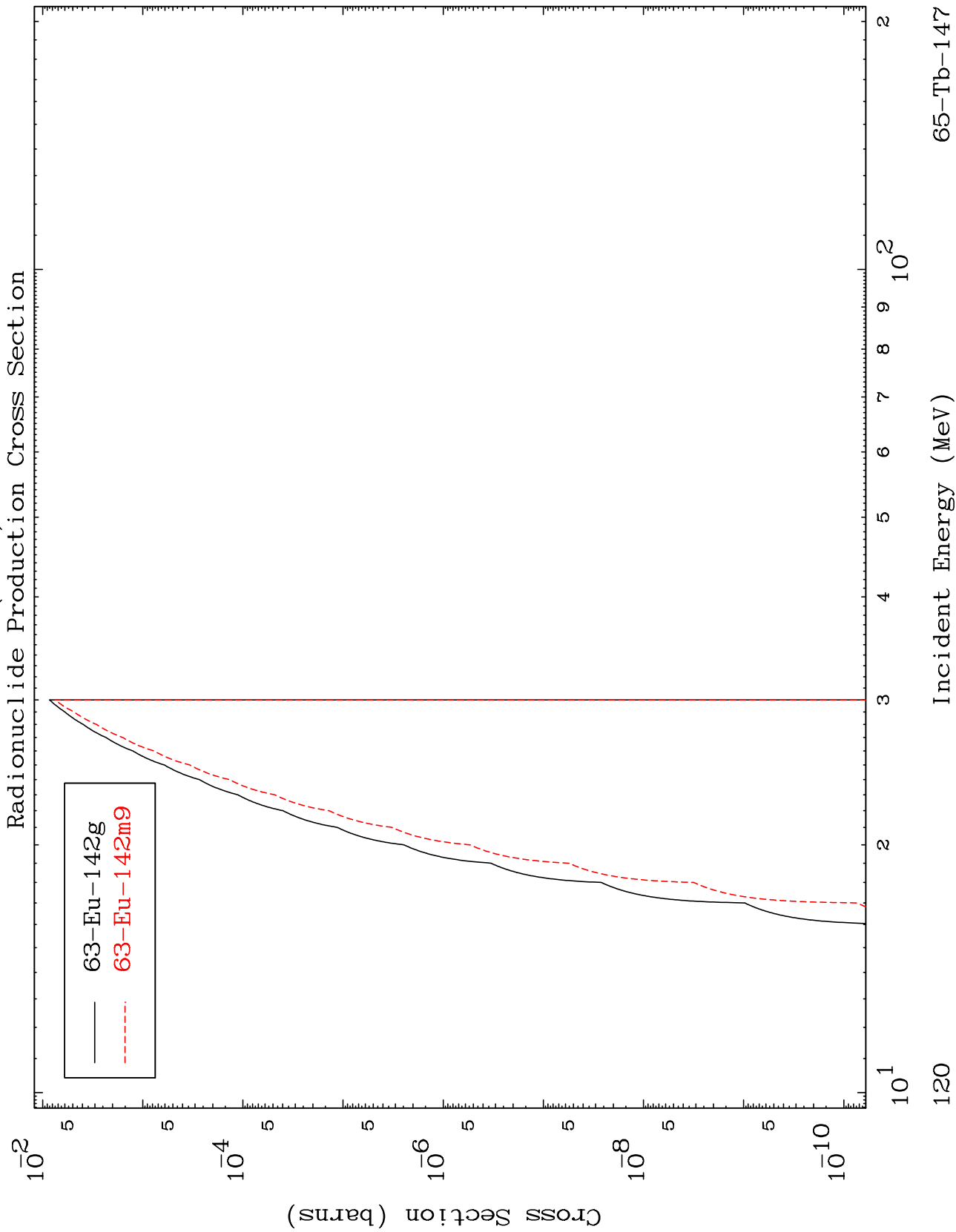
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,2n) α

65-Tb-147

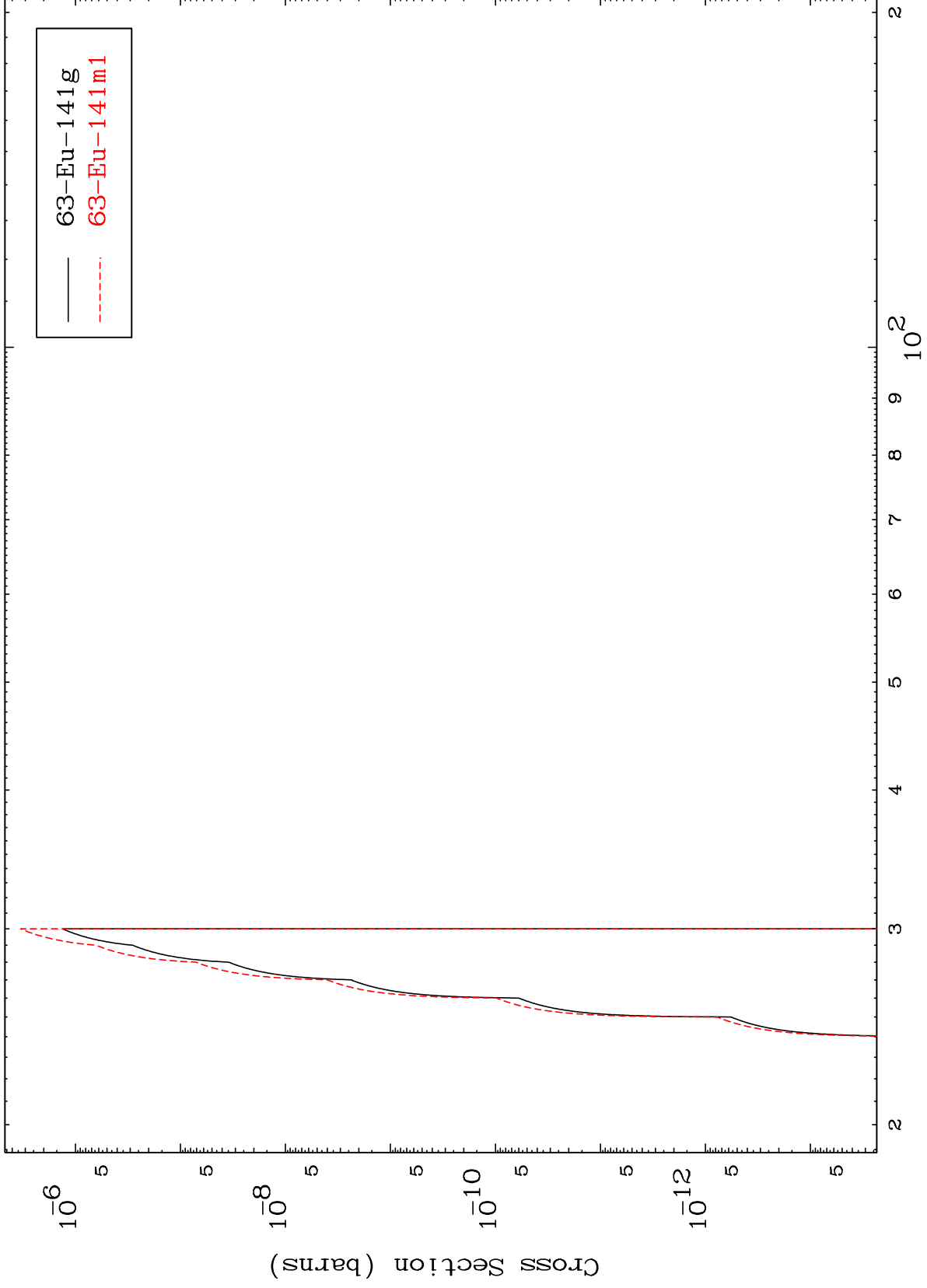


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(n,3n) α

65-Tb-147

Radionuclide Production Cross Section



121

Incident Energy (MeV)

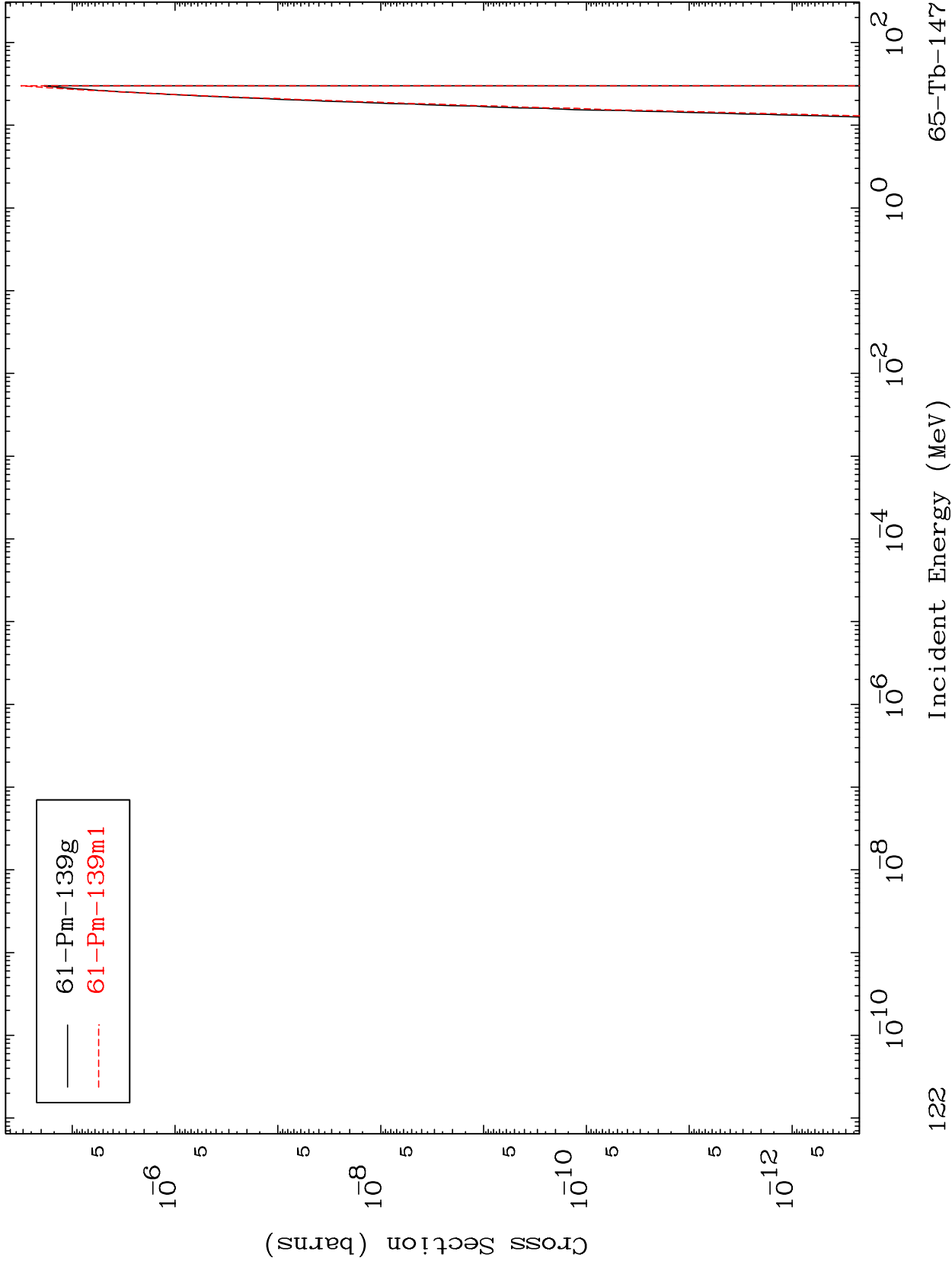
65-Tb-147

MAT 6489

(n,n') 2 α

65-Tb-147

Radionuclide Production Cross Section

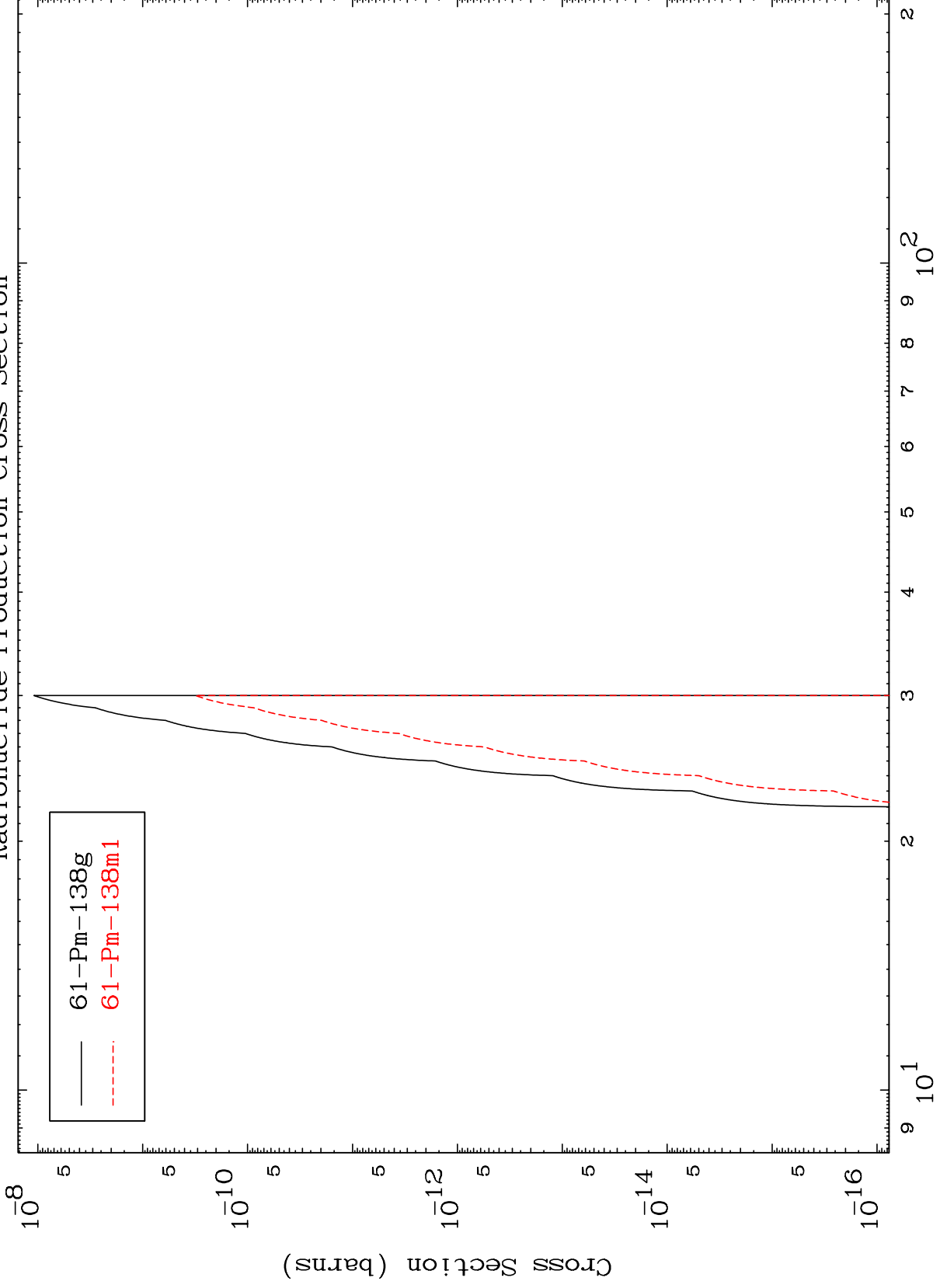


MAT 6489

(n,2n) 2α

65-Tb-147

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

123

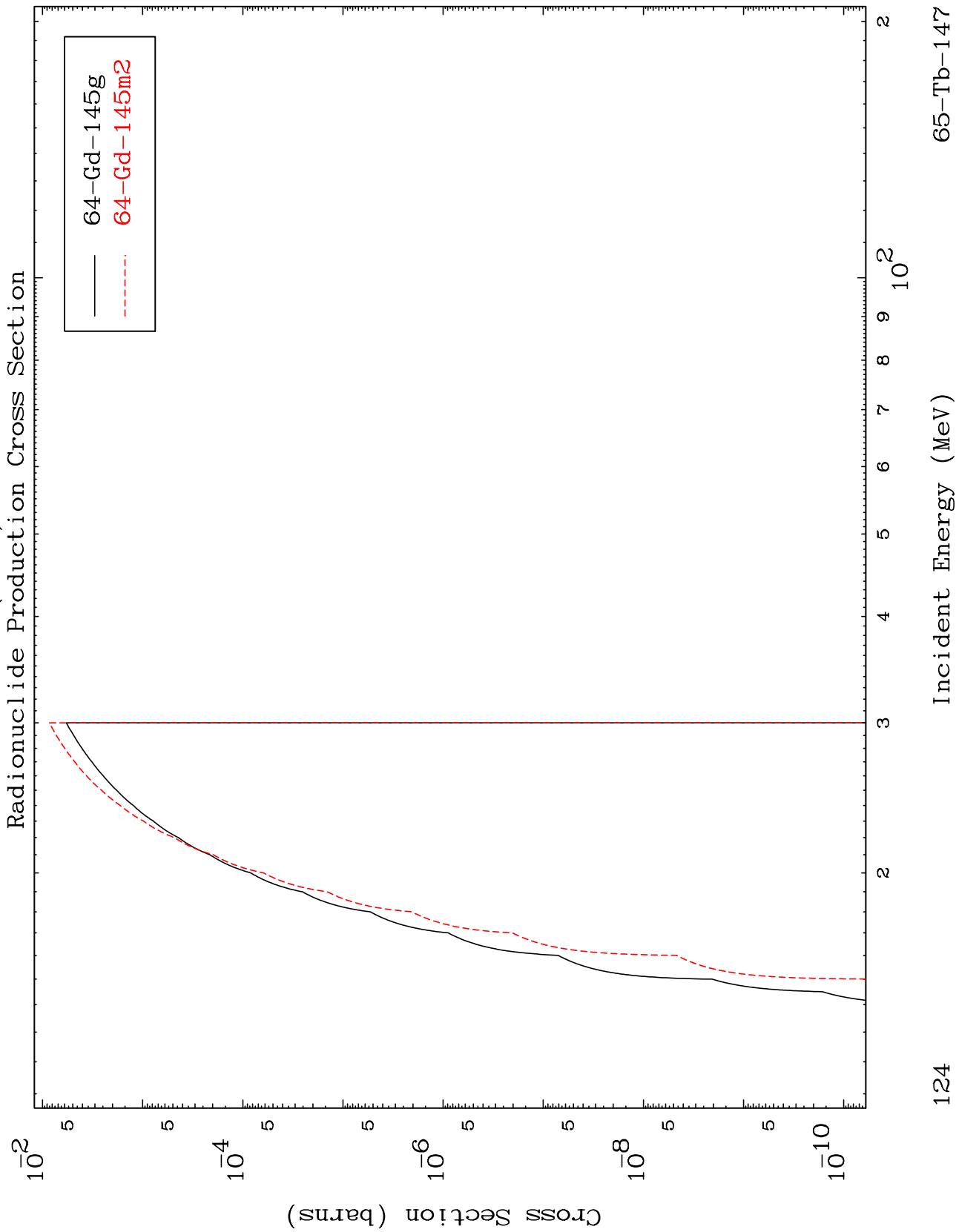
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,n') d

65-Tb-147

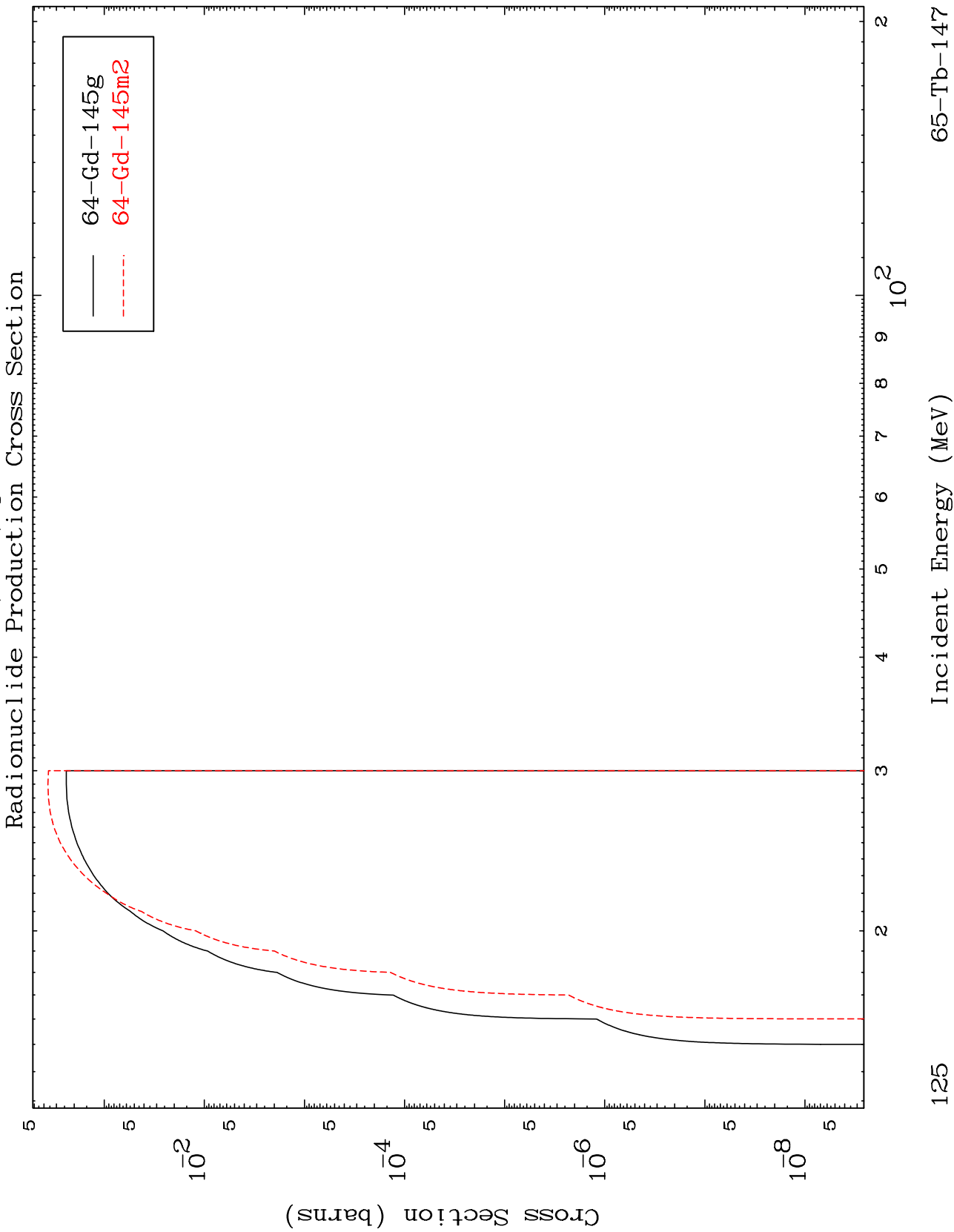


124

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(n,2n) p

65-Tb-147



125

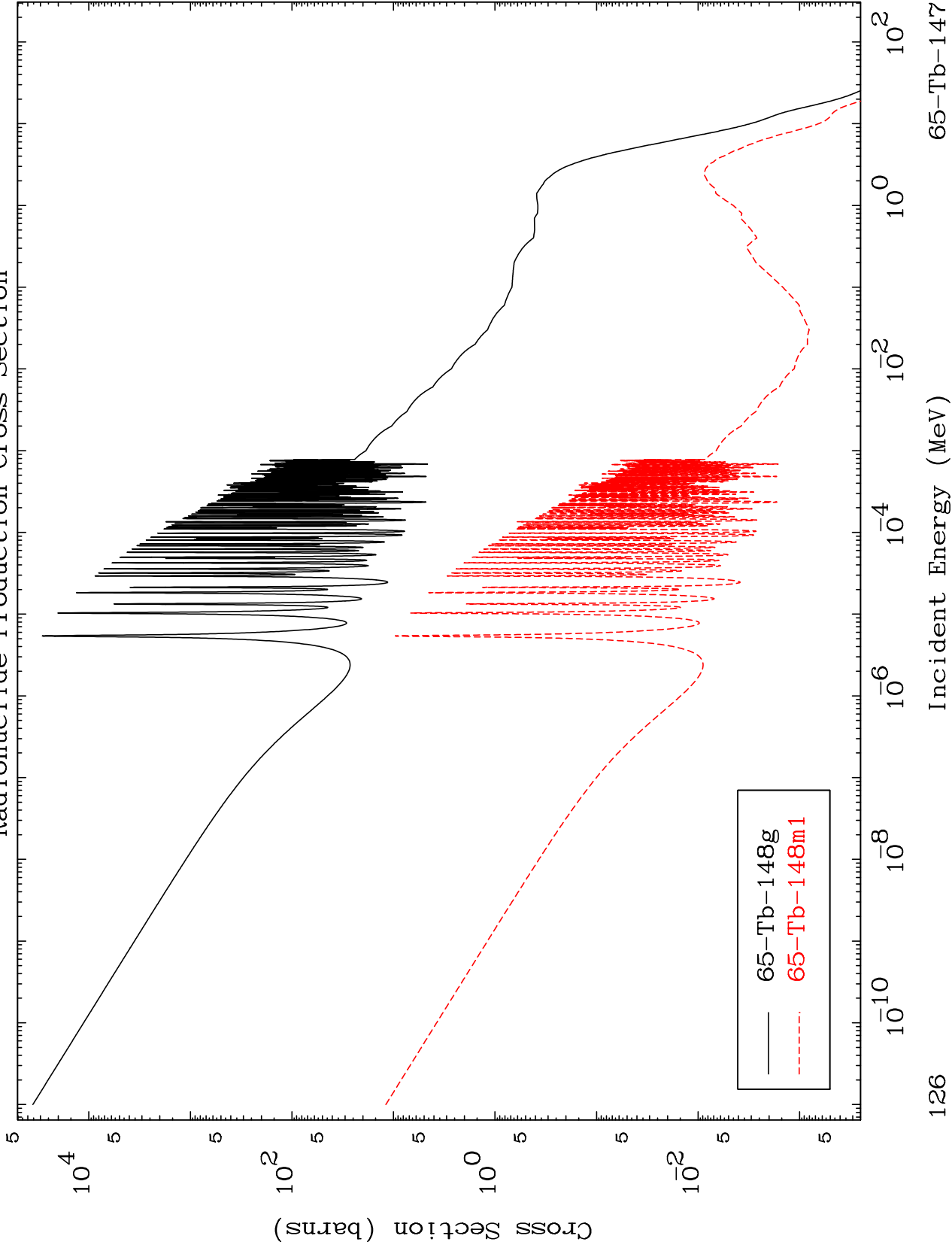
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

(n, γ)
Radionuclide Production Cross Section



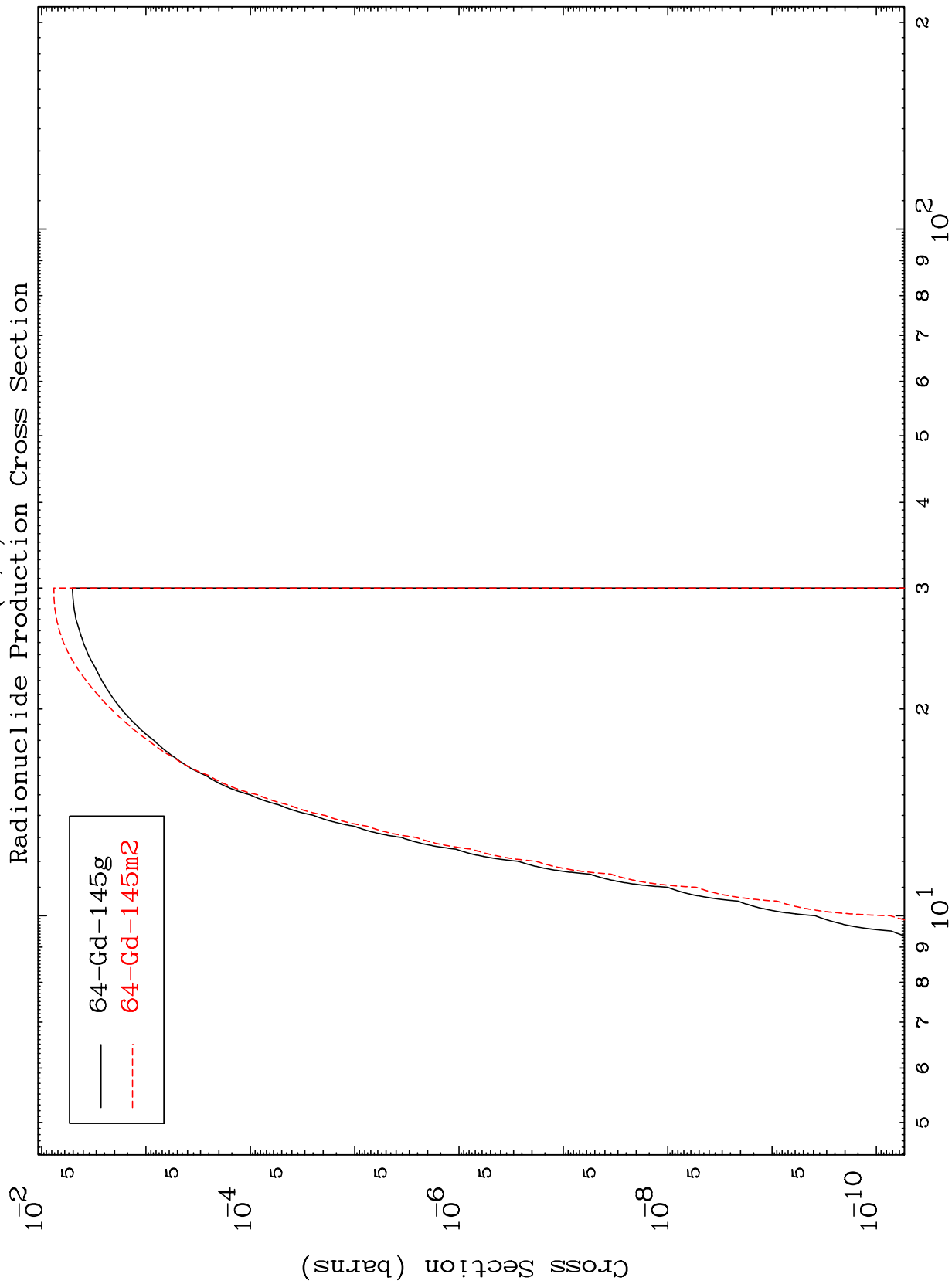
126

65-Tb-147

MAT 6489

65-Tb-147

(n, t)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

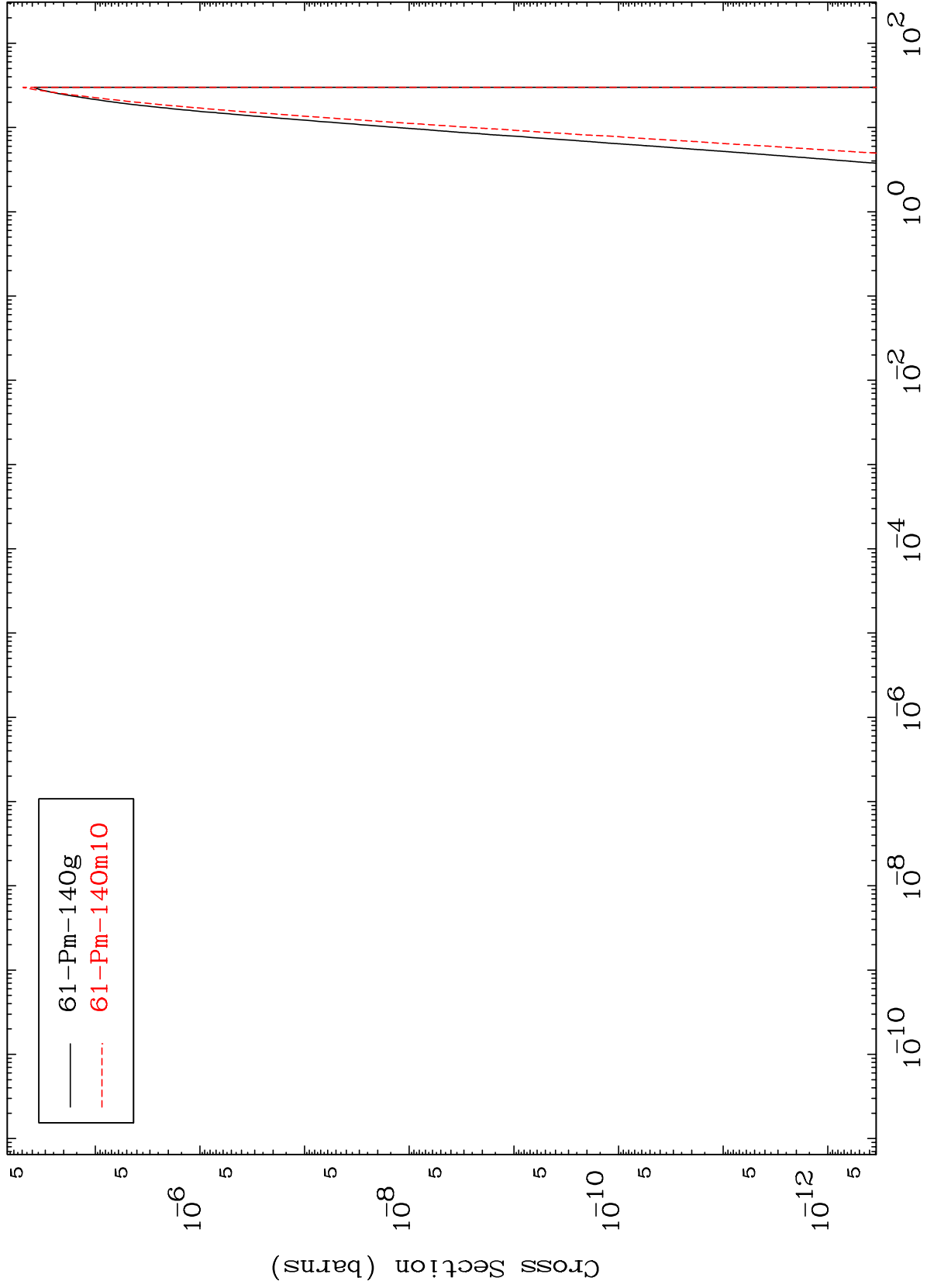
65-Tb-147

MAT 6489

(n,2α)

65-Tb-147

Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

128

Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,p) α

65-Tb-147

Radionuclide Production Cross Section

