

Program EVALPLOT
(Version 2015-2)

by

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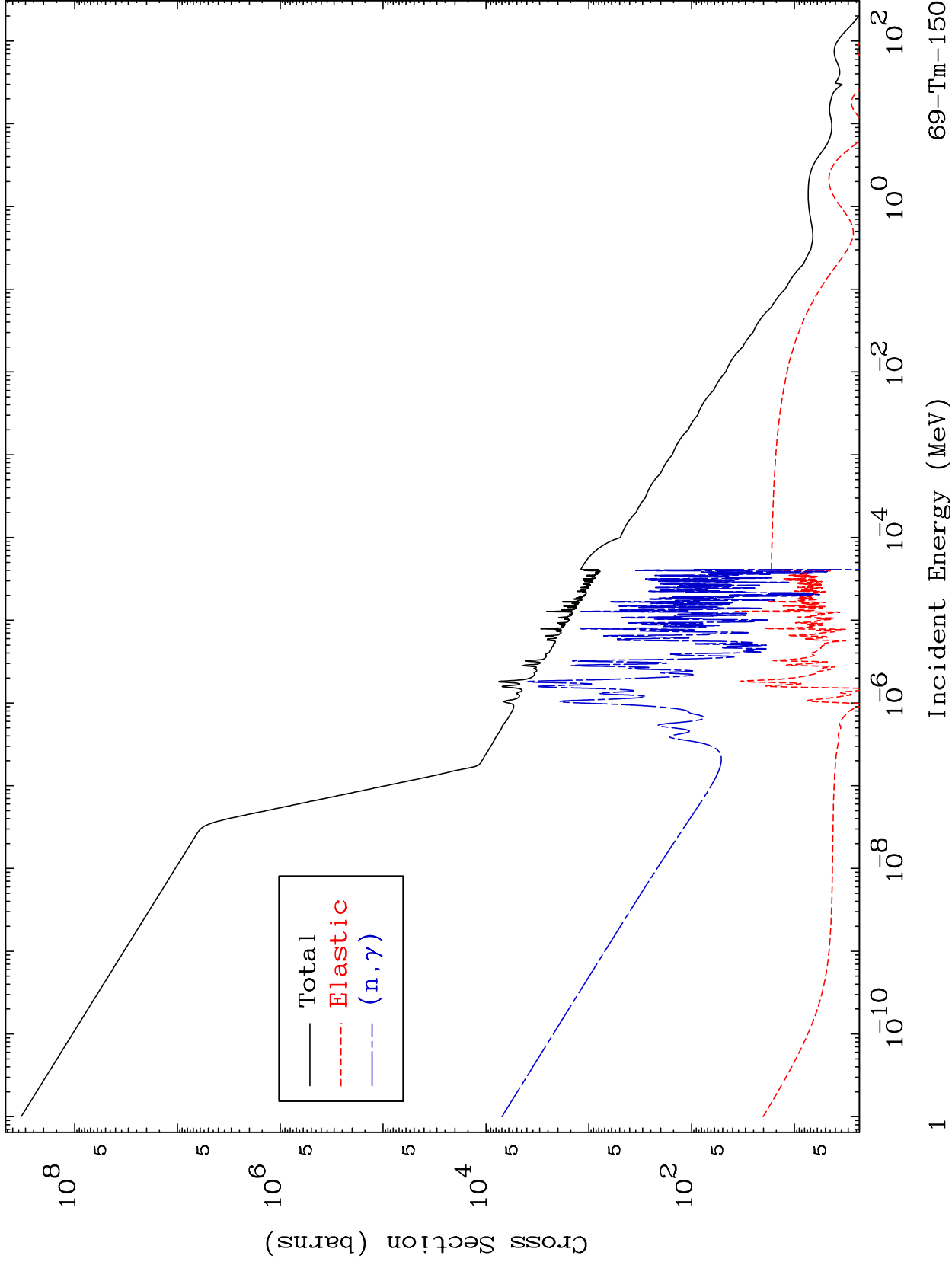
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6868

Major
293 Kelvin Cross Sections

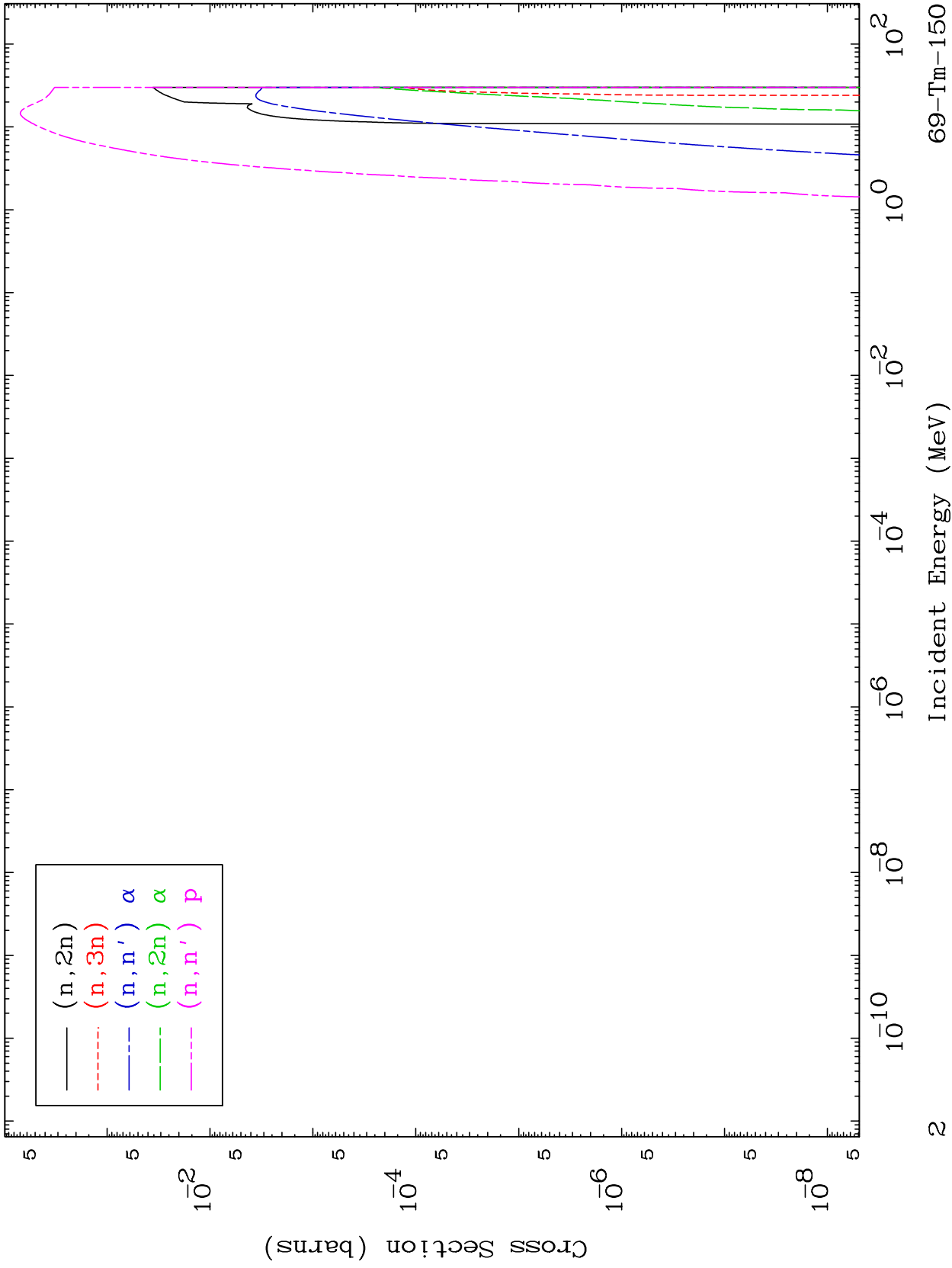
69-Tm-150



MAT 6868

Neutron Production
293 Kelvin Cross Sections

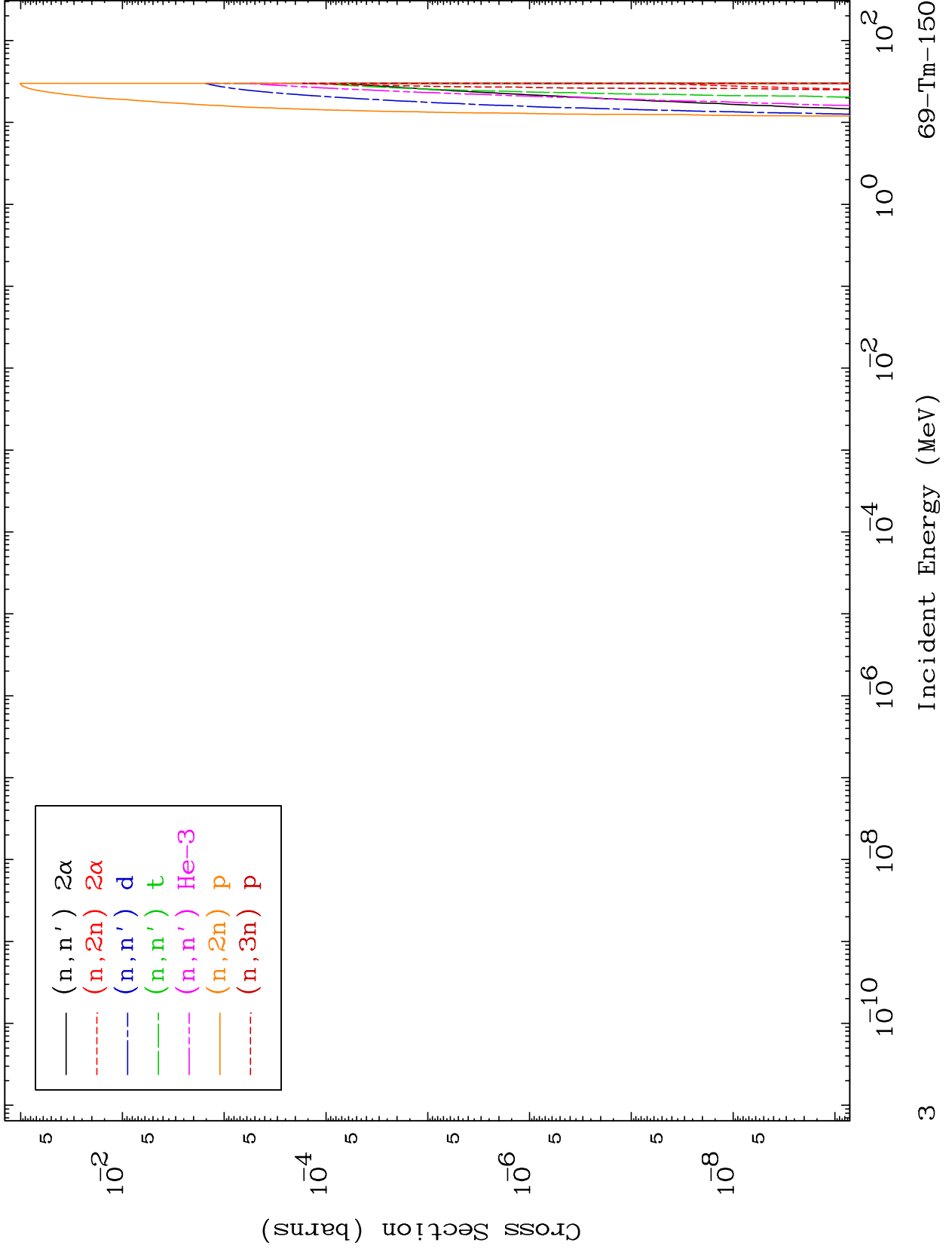
69-Tm-150



MAT 6868

Neutron Production
293 Kelvin Cross Sections

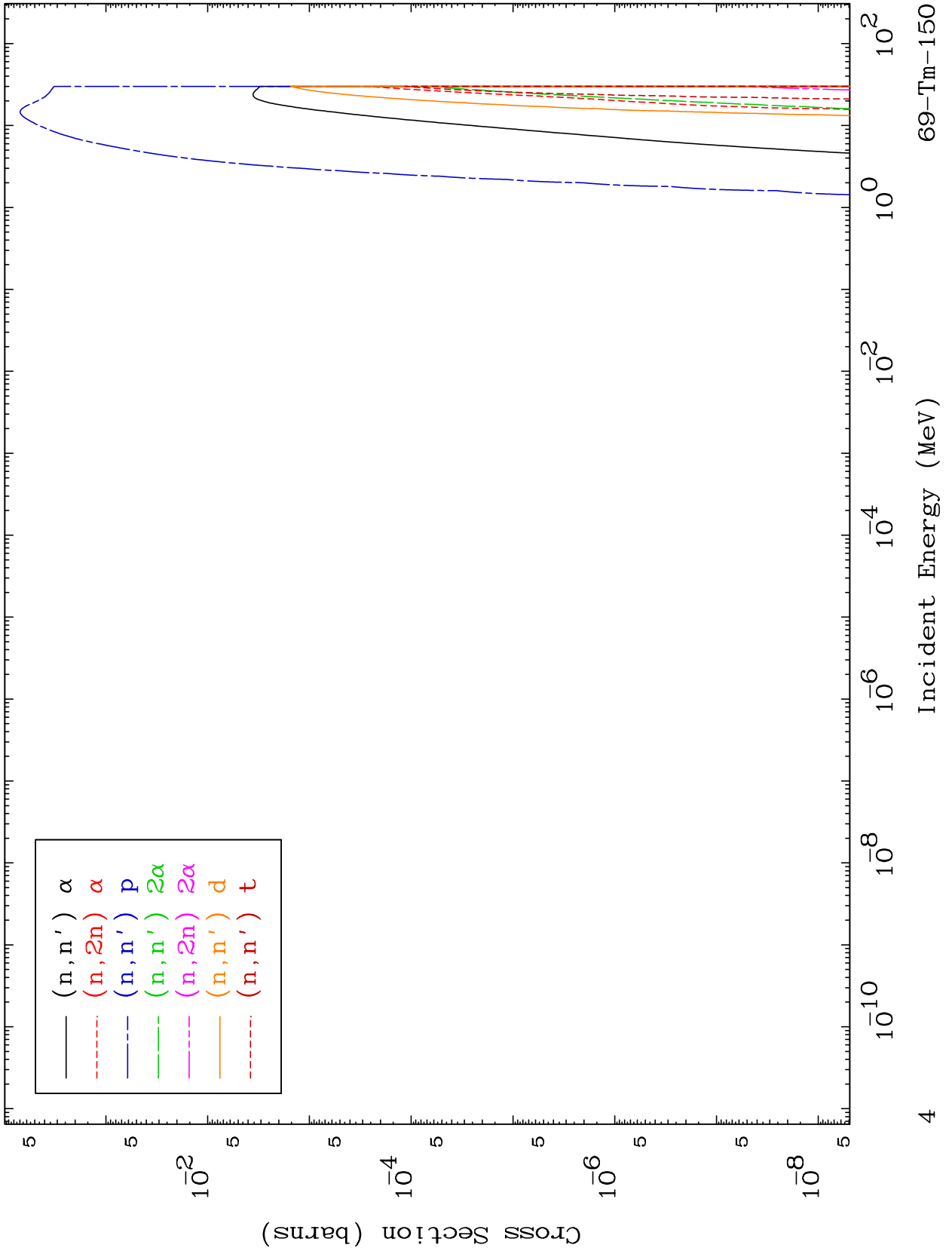
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

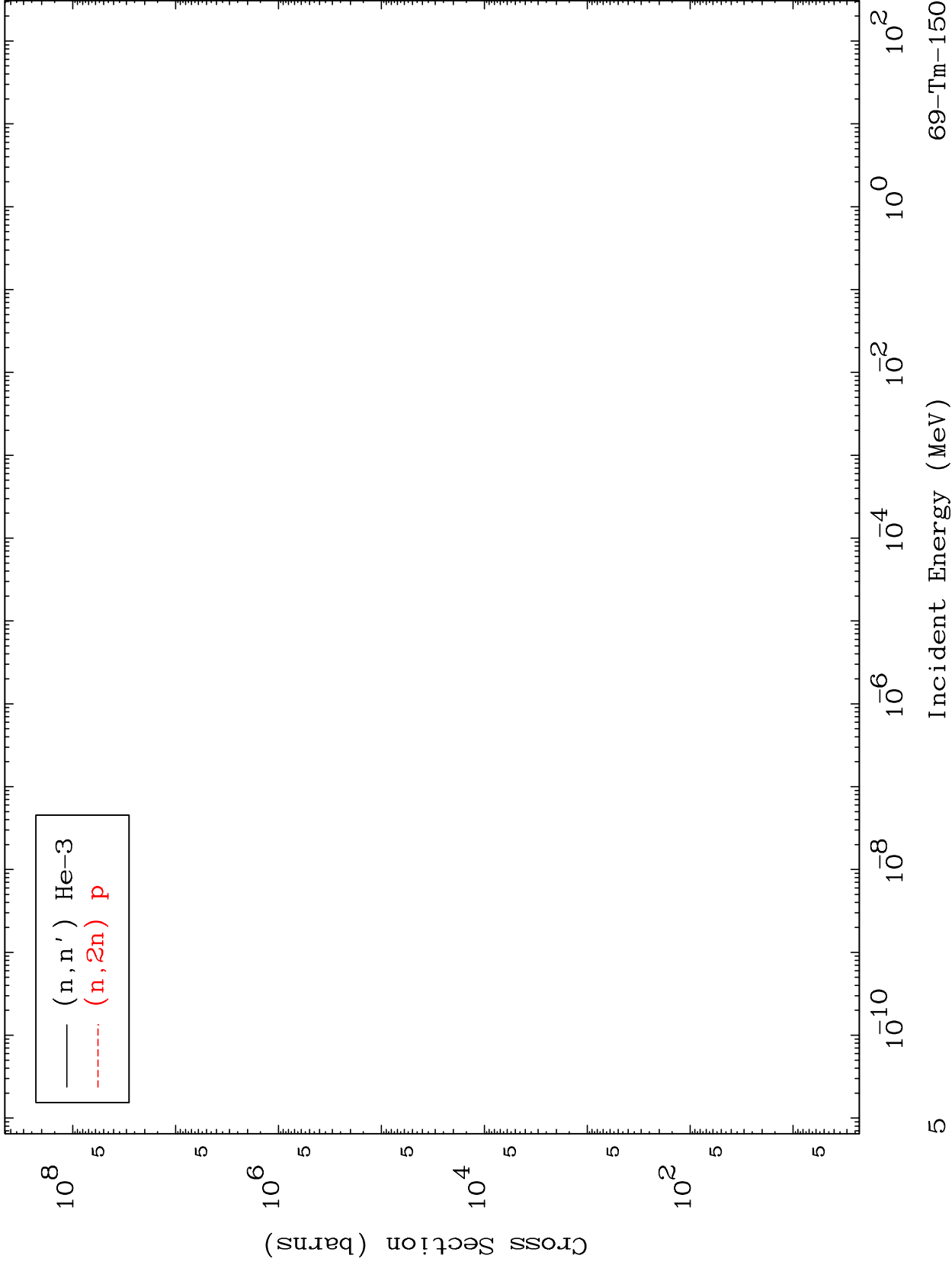
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

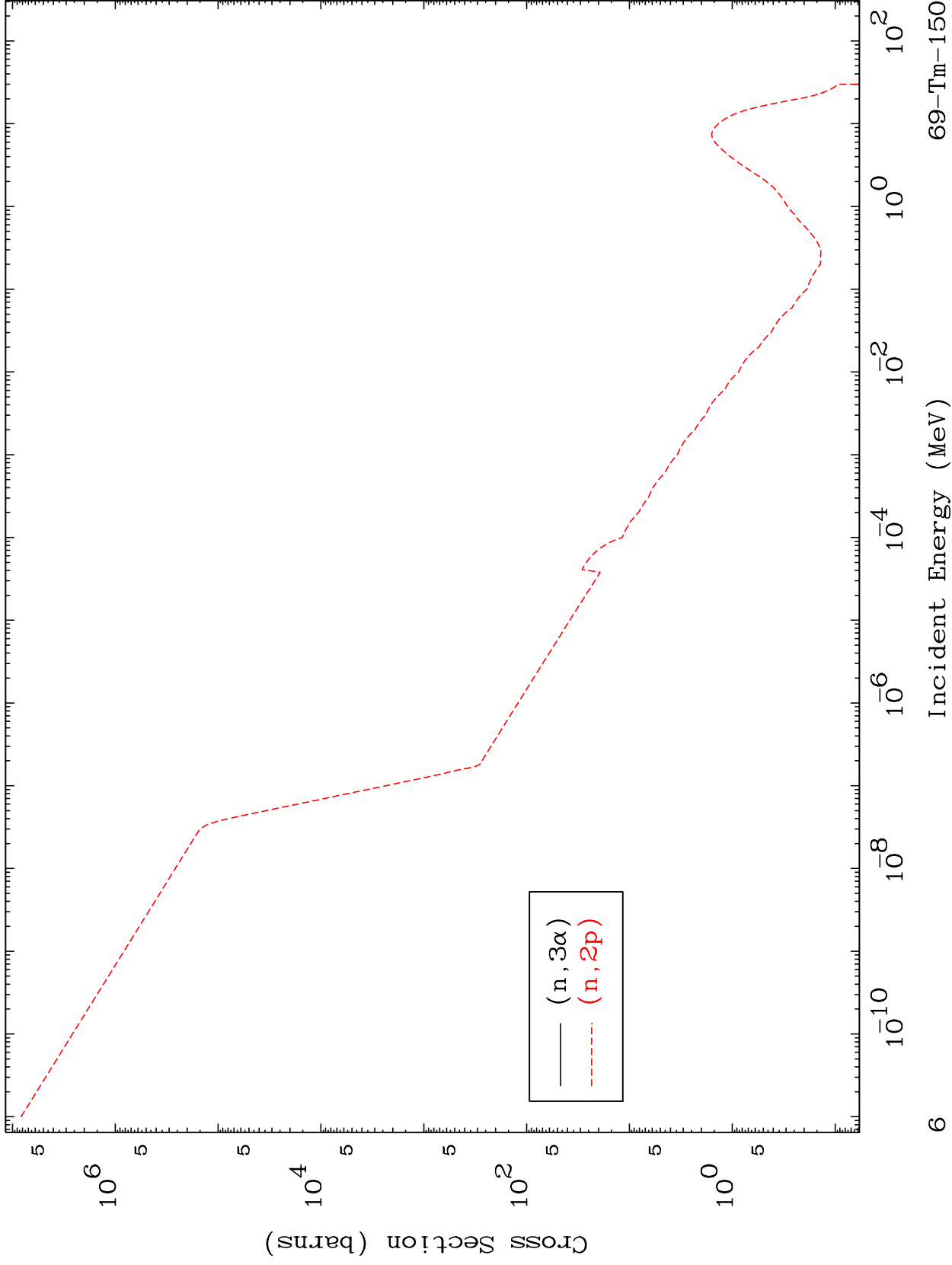
69-Tm-150



MAT 6868

Charged Particle
293 Kelvin Cross Sections

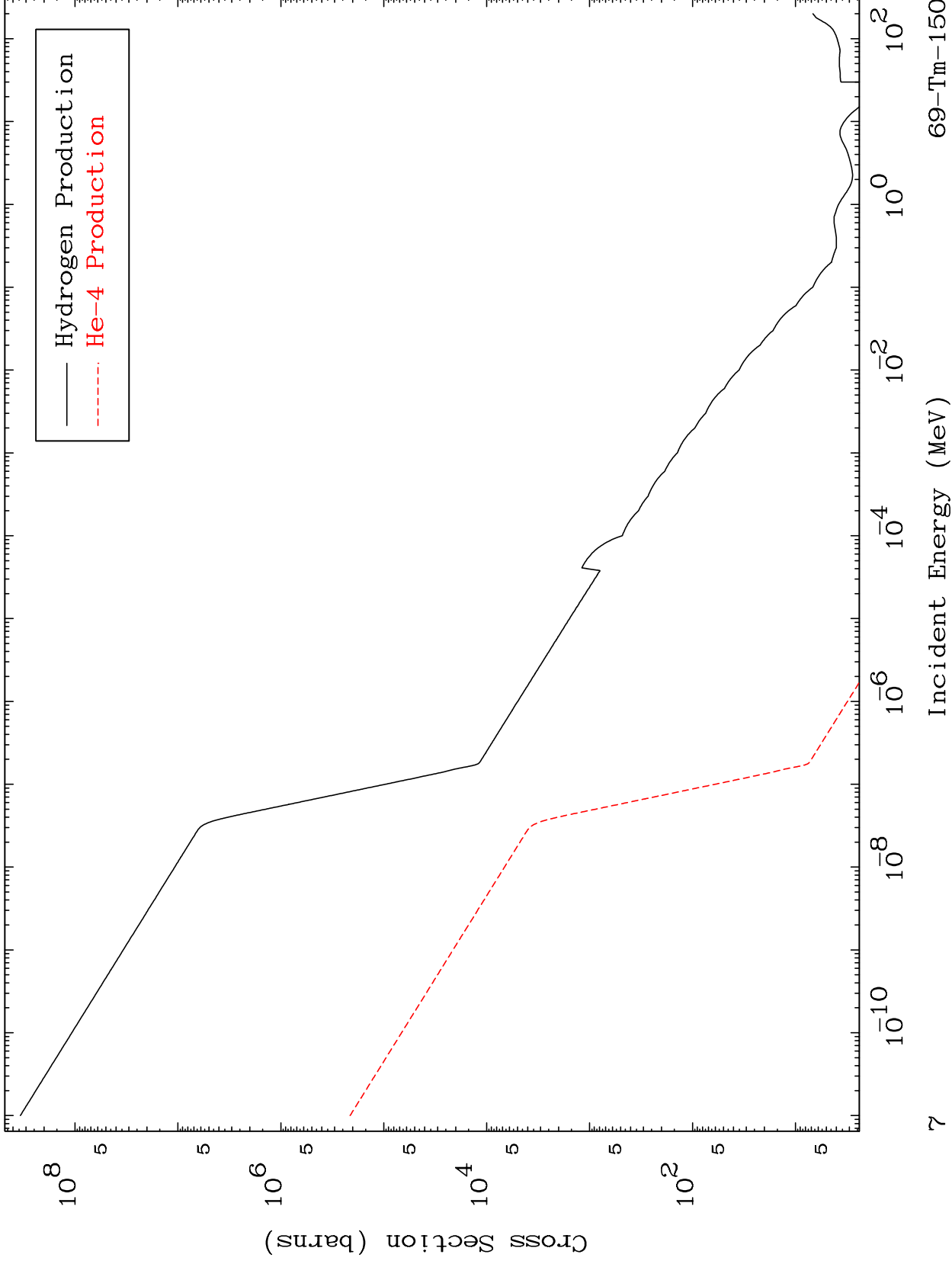
69-Tm-150



MAT 6868

Particle Production
293 Kelvin Cross Sections

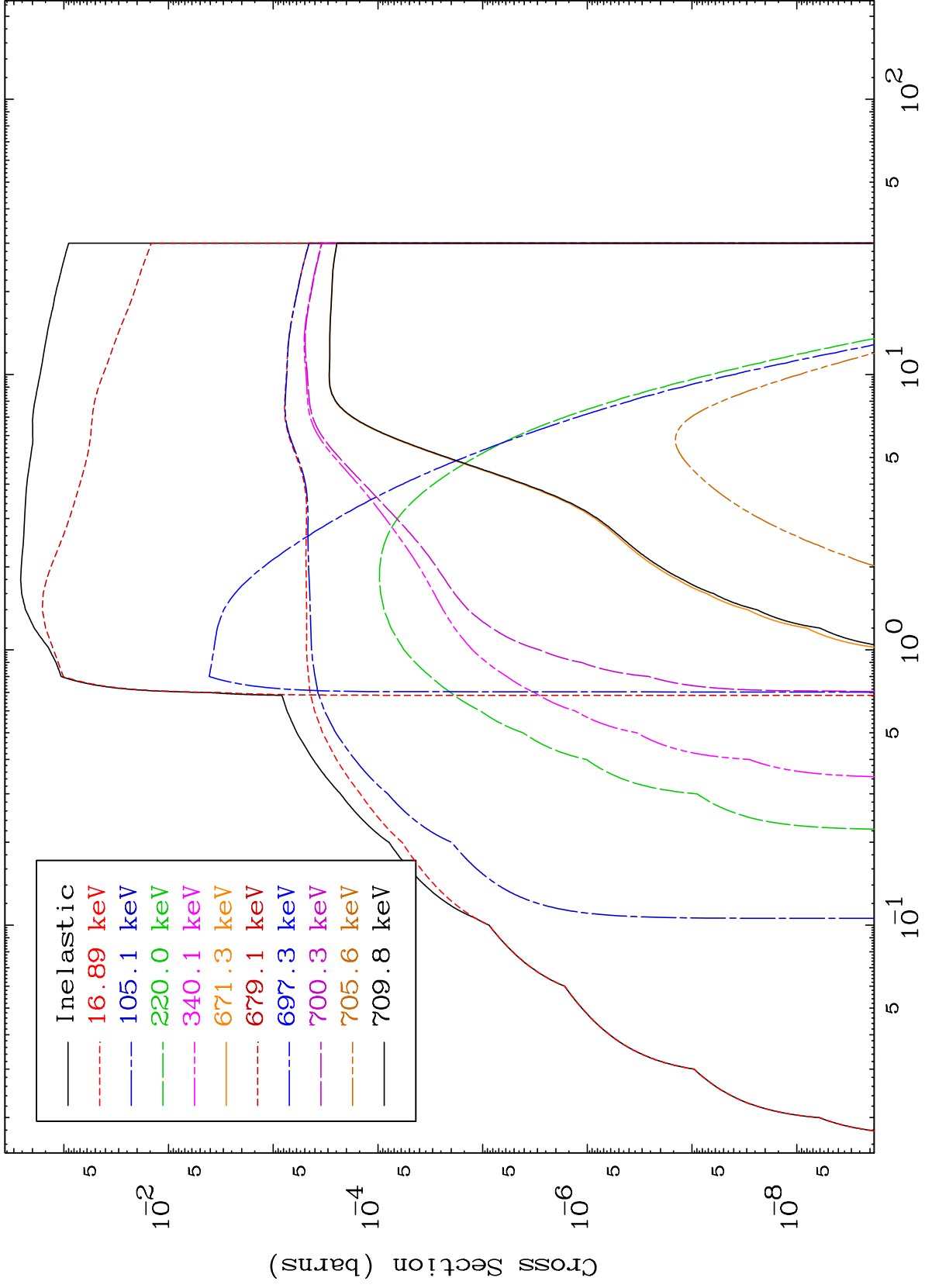
69-Tm-150



MAT 6868

(n,n') Level
293 Kelvin Cross Sections

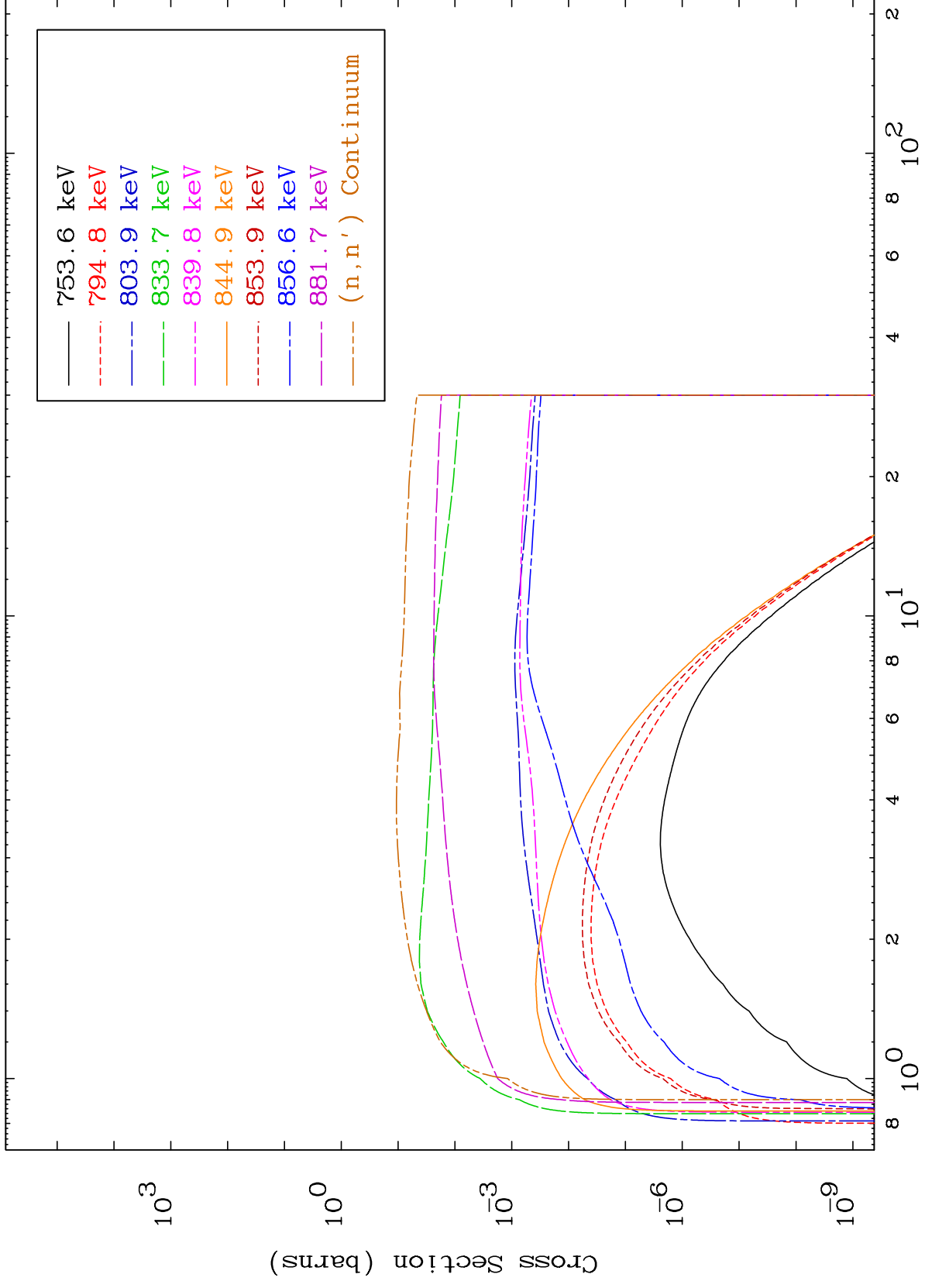
69-Tm-150



MAT 6868

(n,n') Level
293 Kelvin Cross Sections

69-Tm-150



9

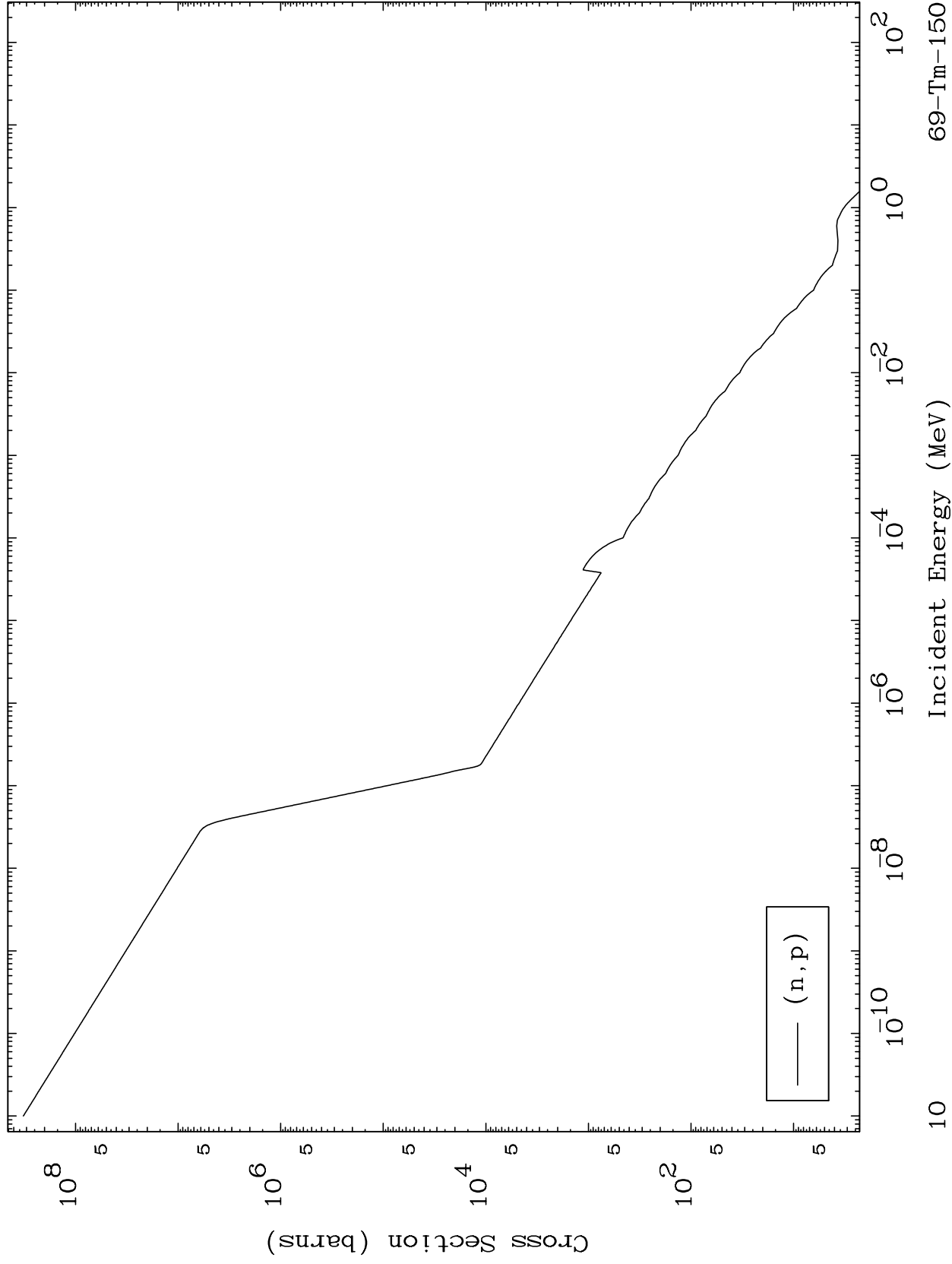
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,p) Levels
293 Kelvin Cross Sections

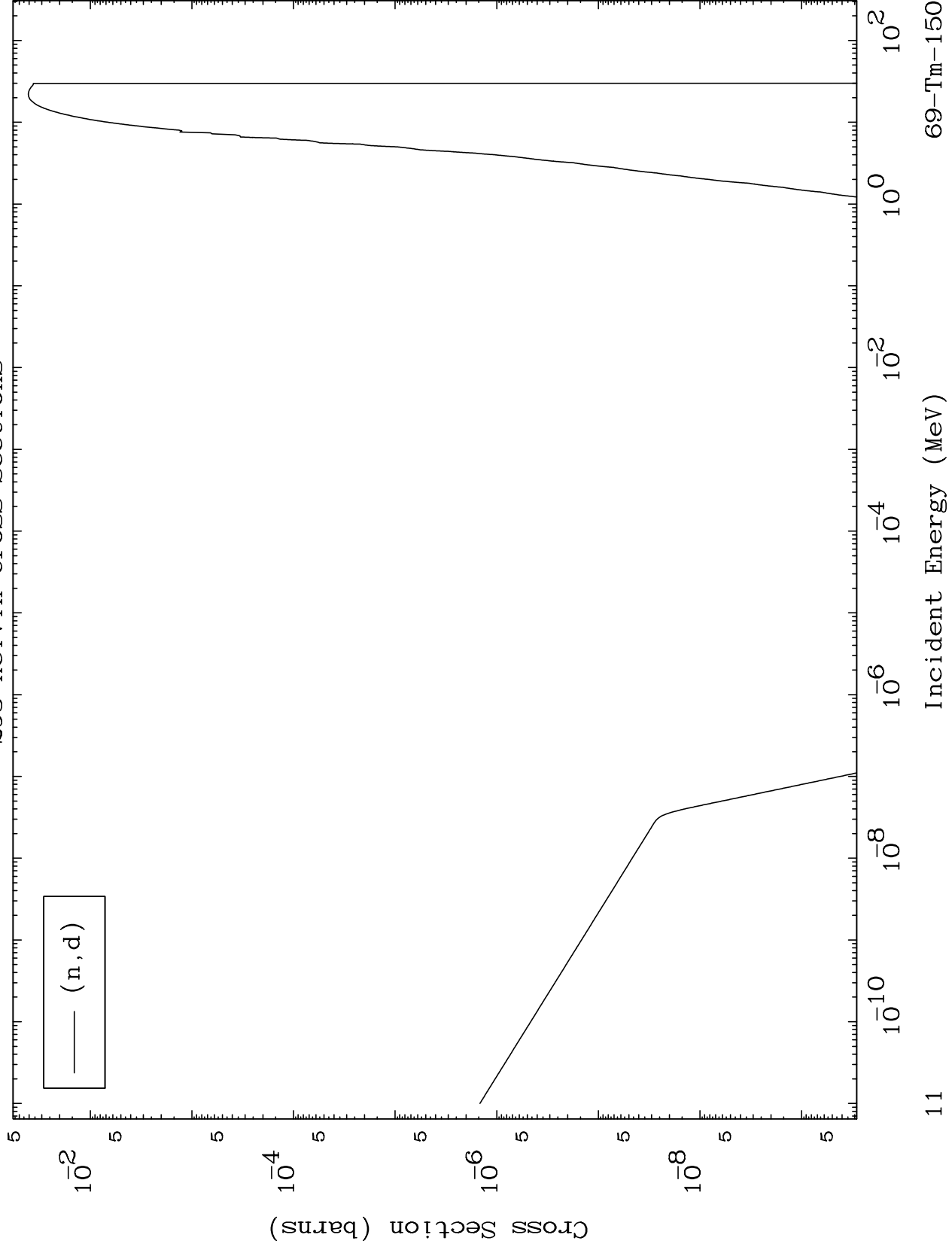
69-Tm-150



MAT 6868

(n,d) Levels
293 Kelvin Cross Sections

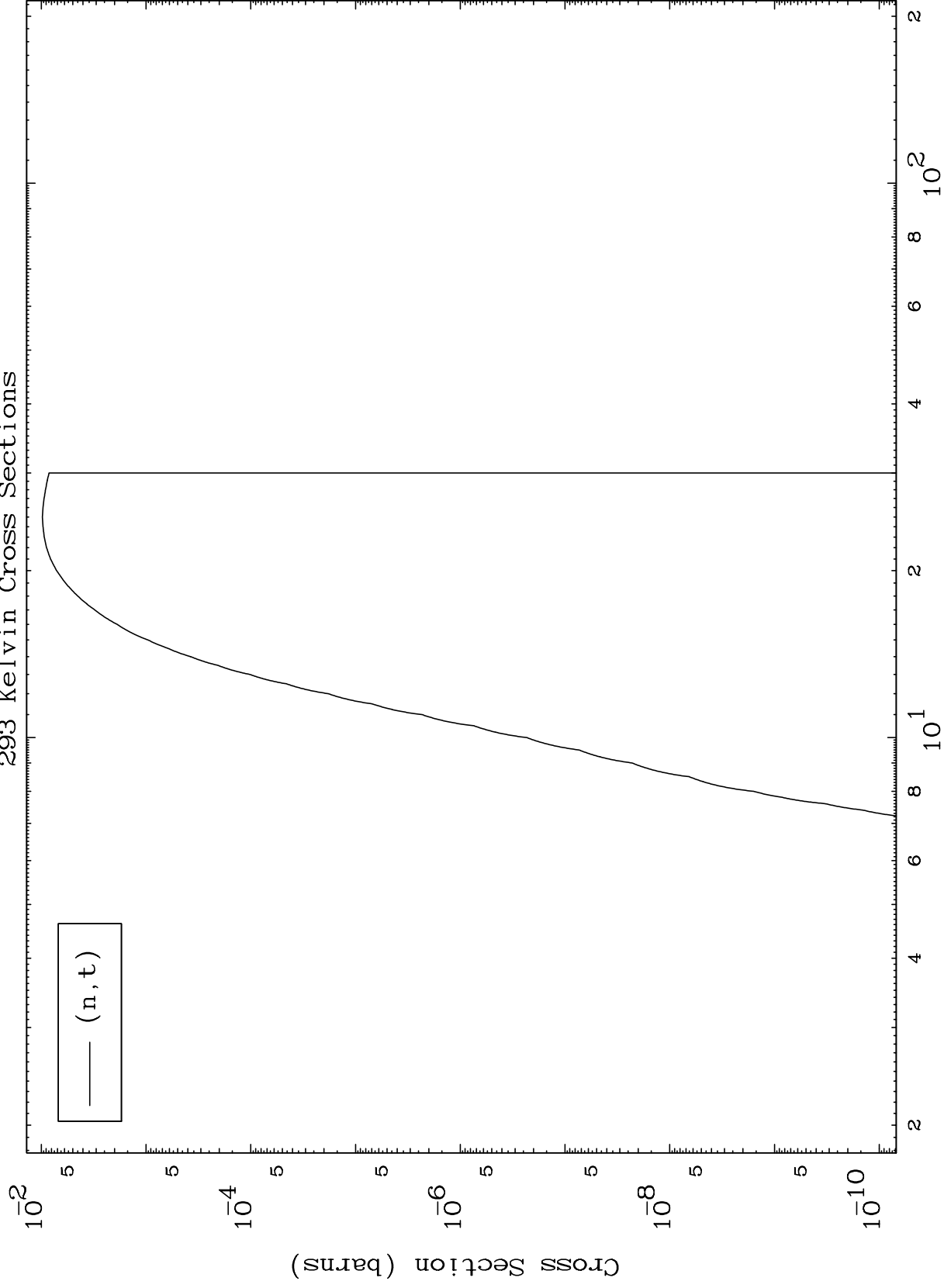
69-Tm-150



MAT 6868

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-150



12

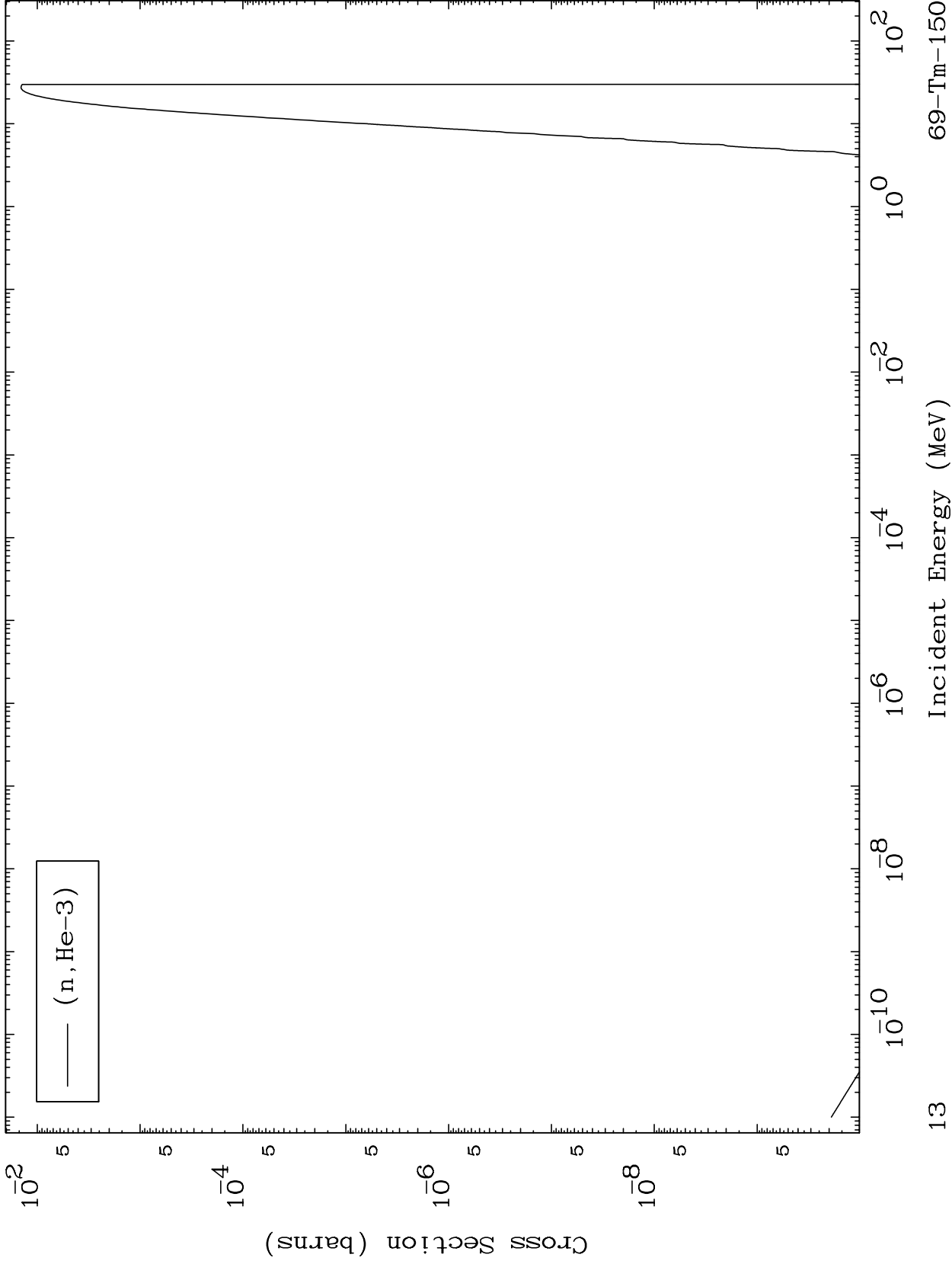
Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,He3) Levels
293 Kelvin Cross Sections

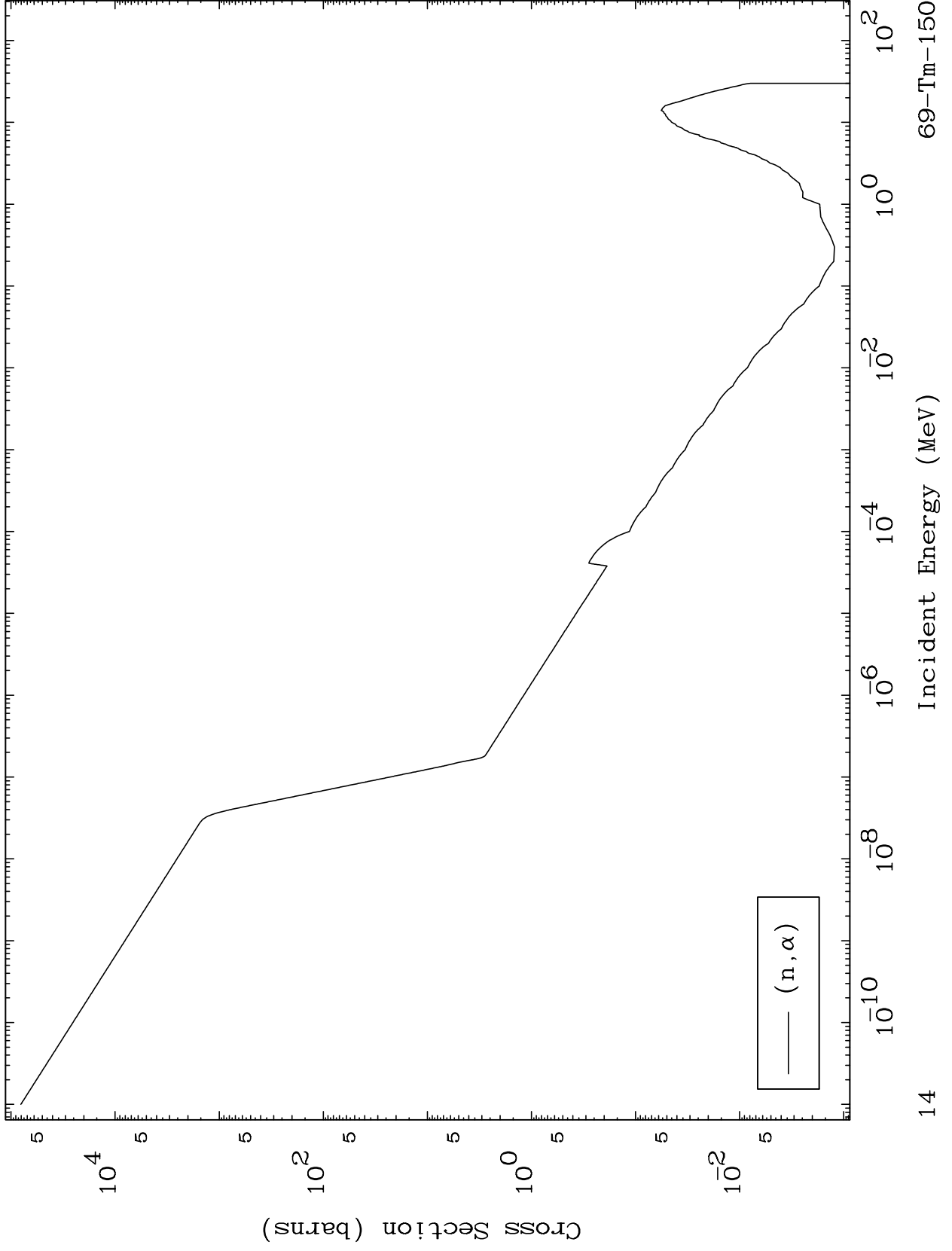
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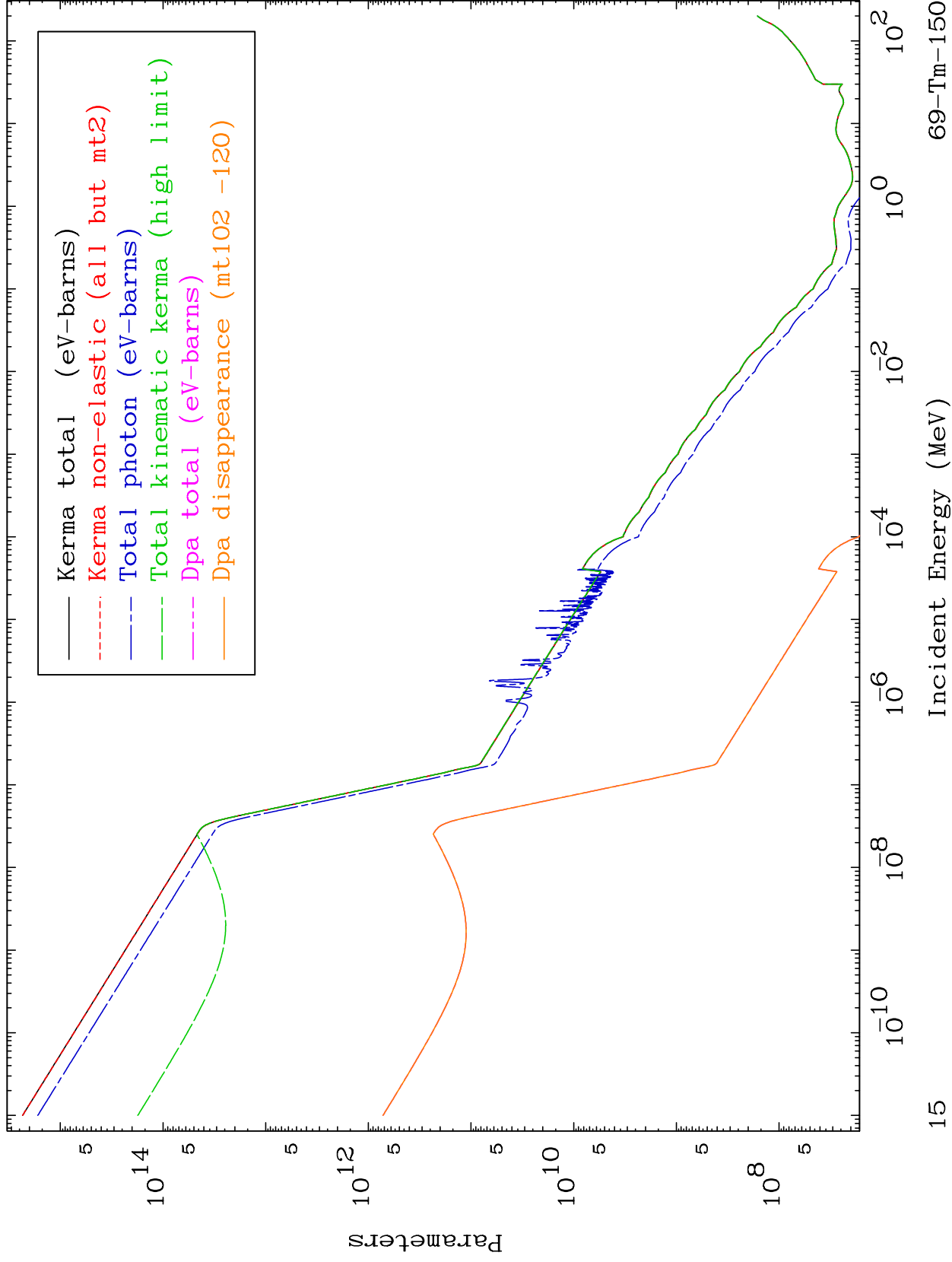


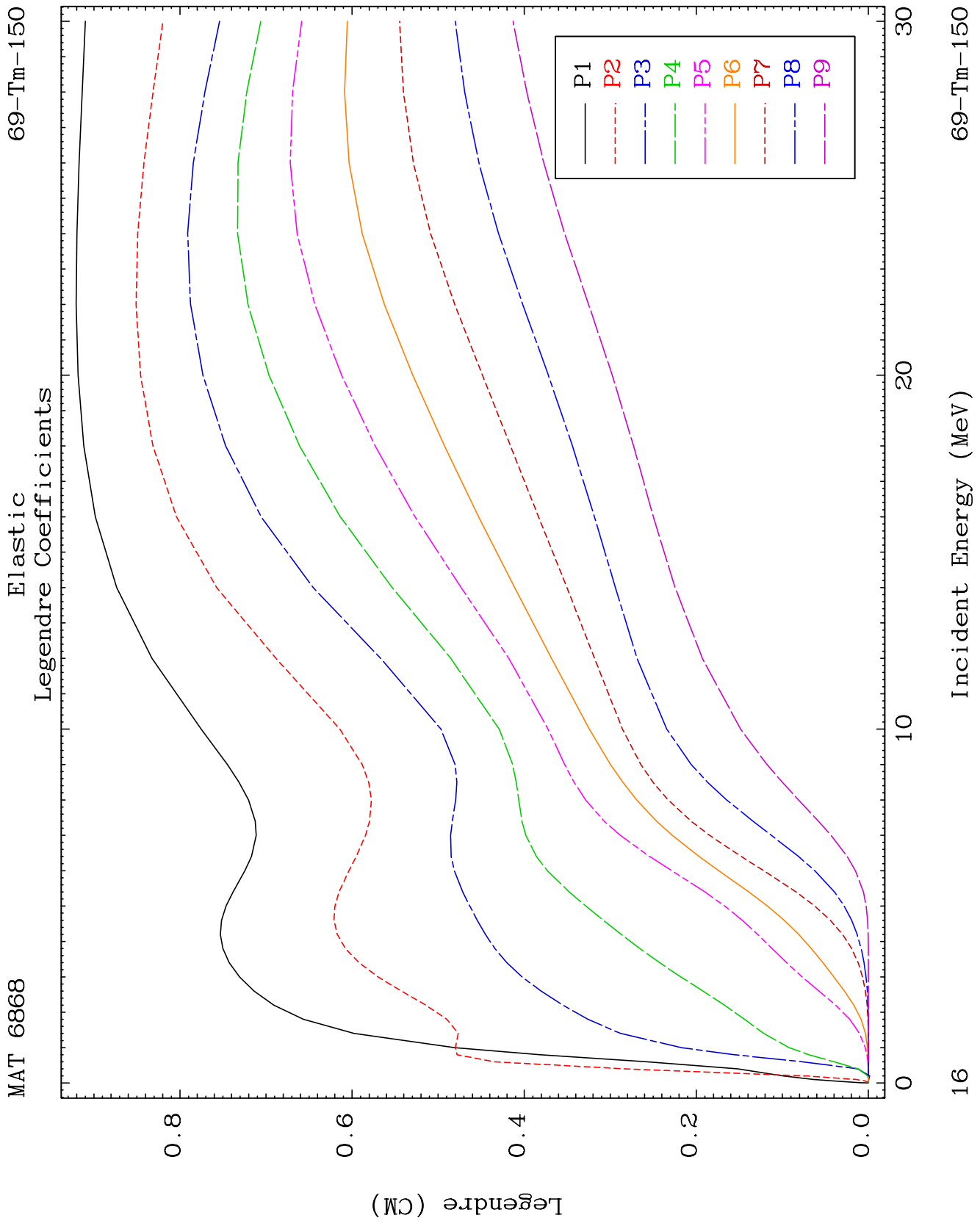
MAT 6868

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-150



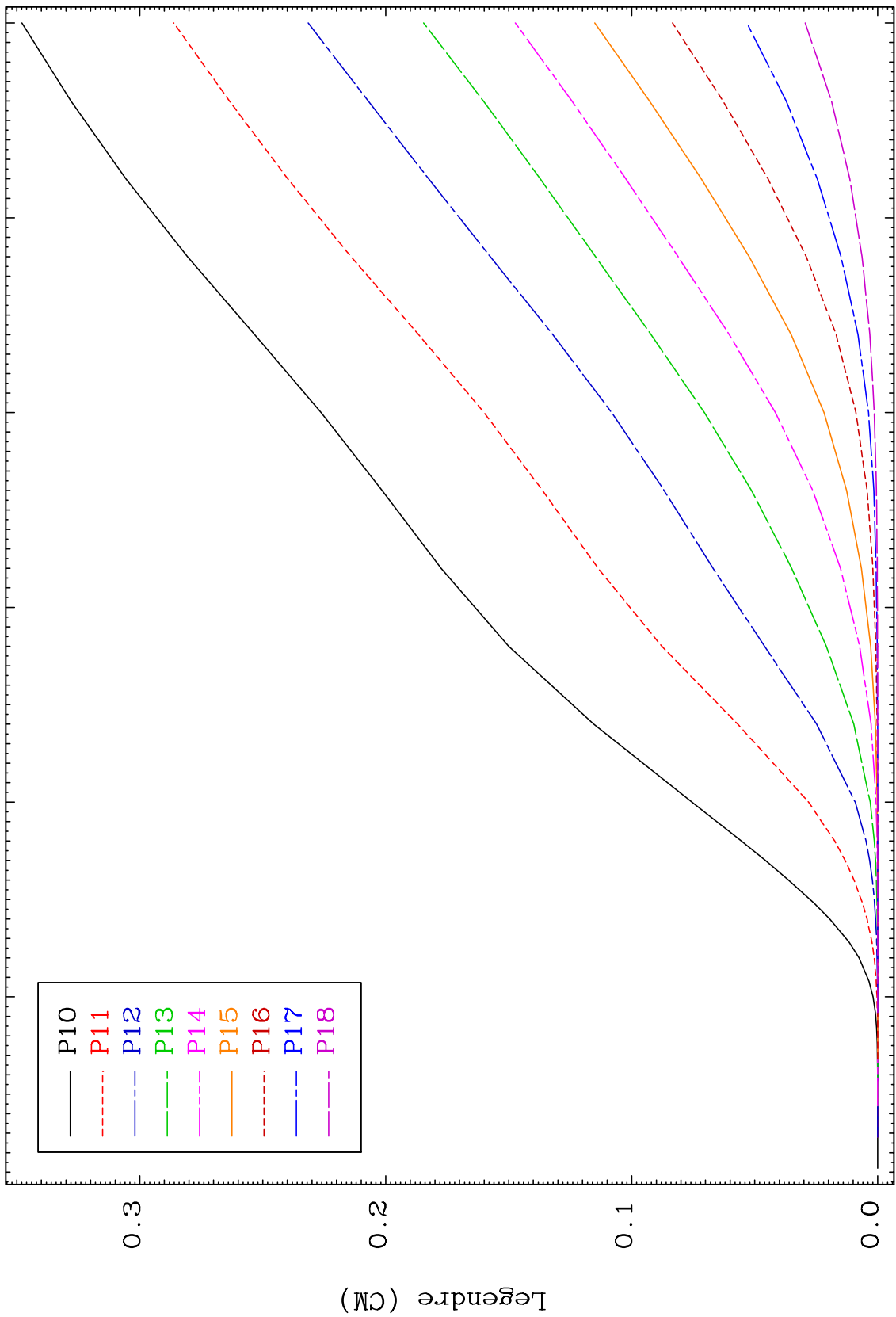




MAT 6868

Elastic Legendre Coefficients

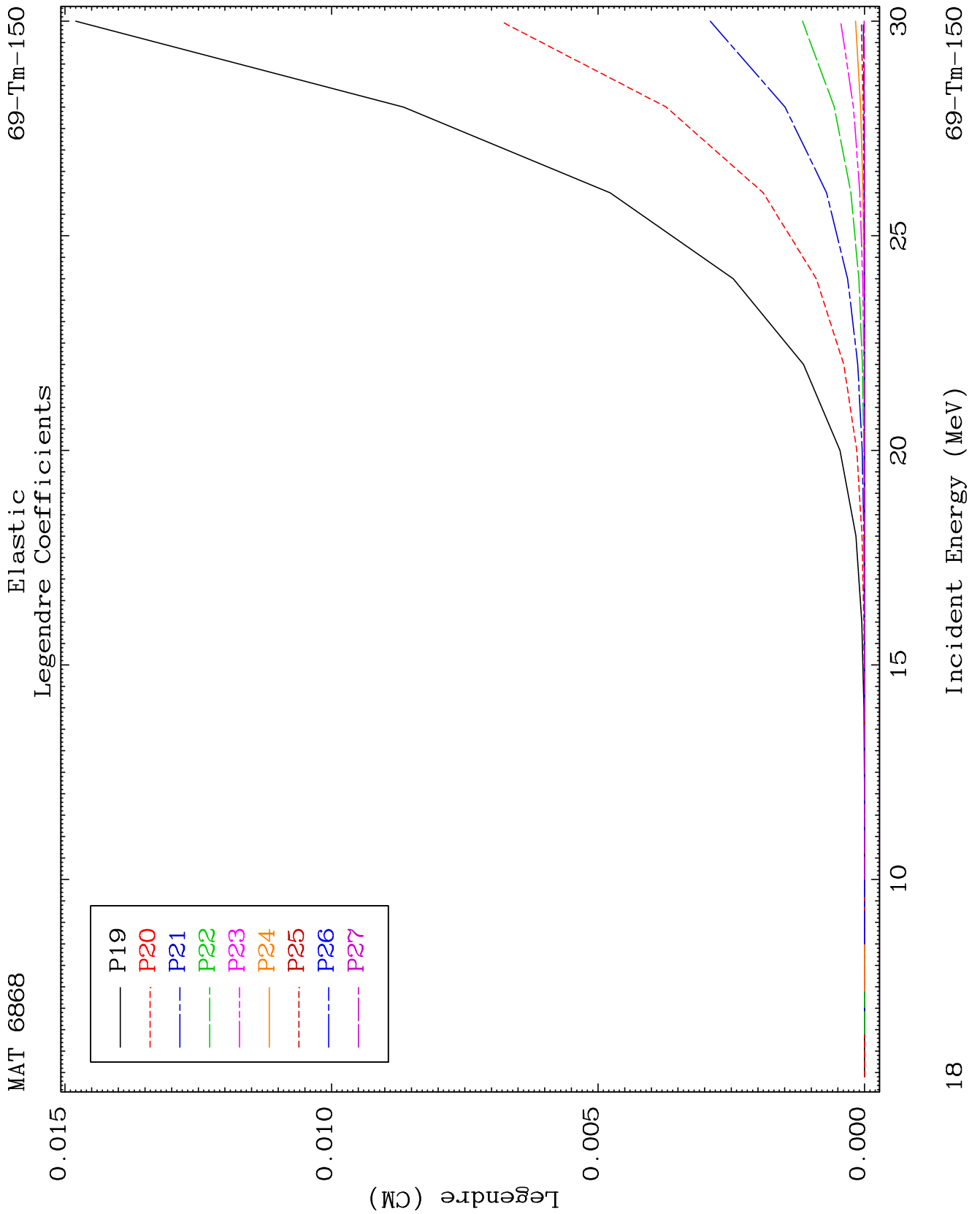
69-Tm-150



17

Incident Energy (MeV)

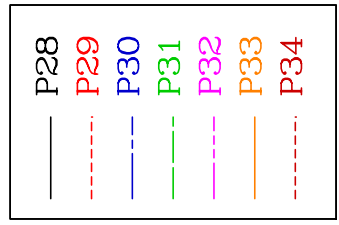
69-Tm-150



MAT 6868

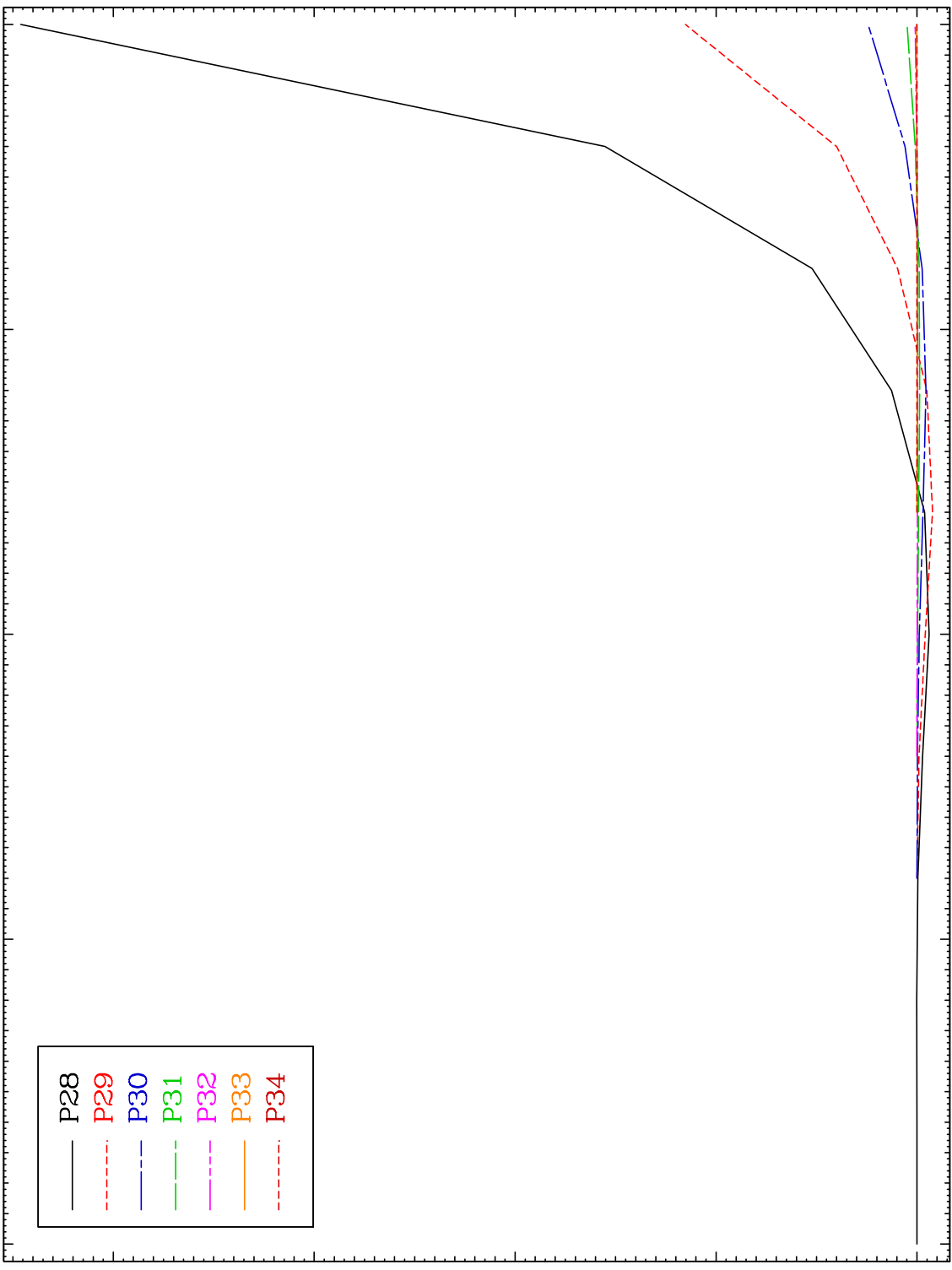
Elastic Legendre Coefficients

69-Tm-150



$\times 10^{-6}$

Legendre (CM)



30

25

20

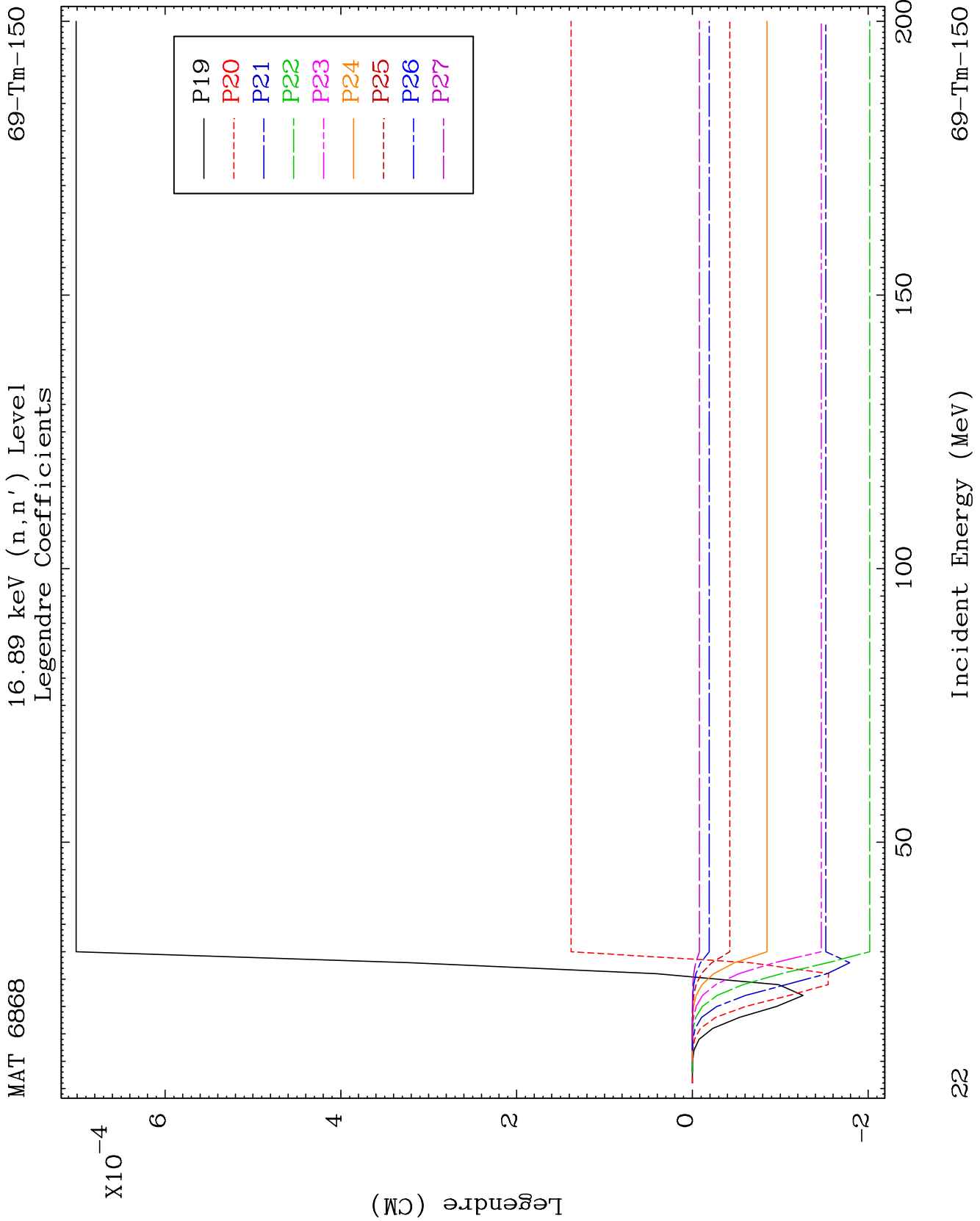
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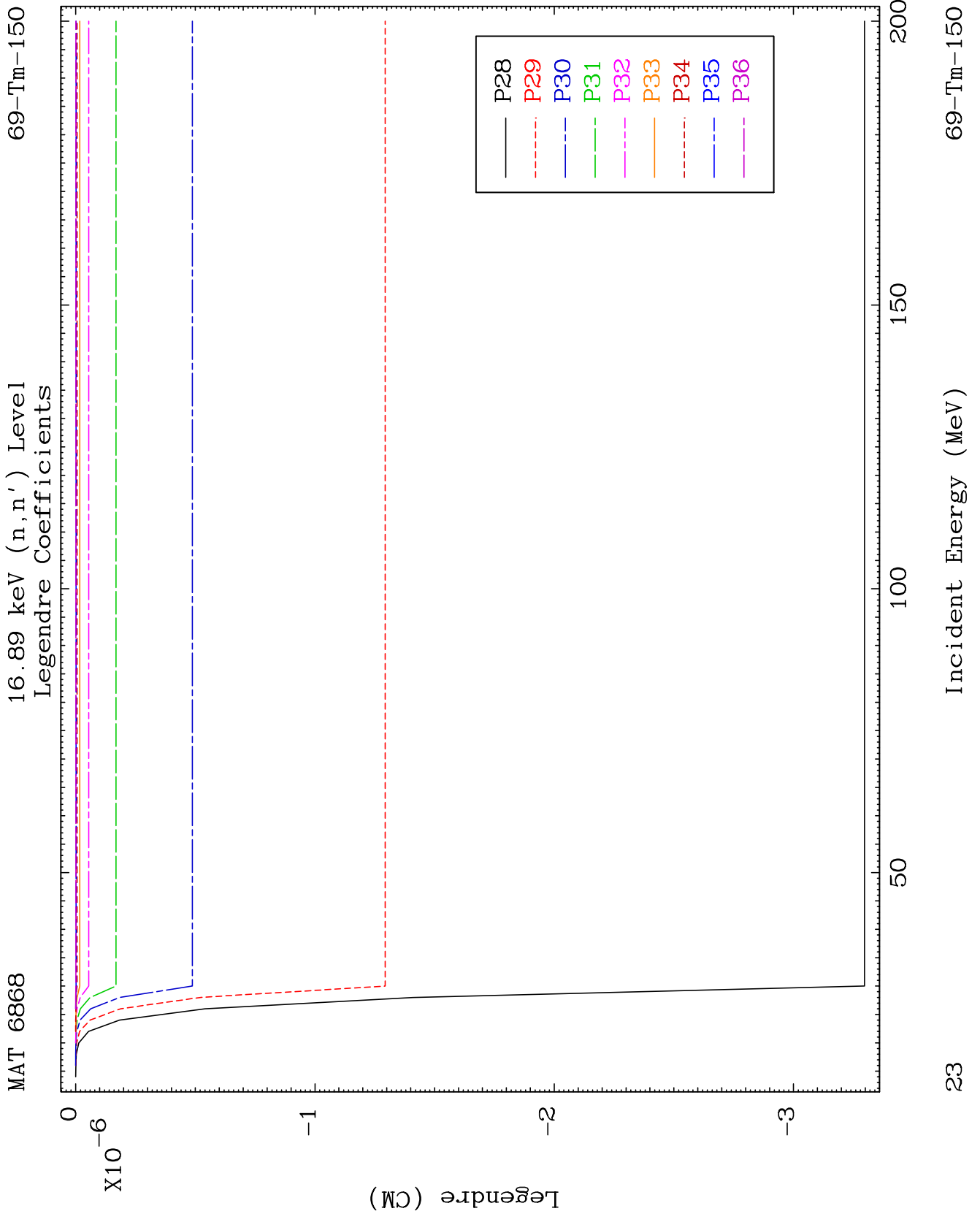
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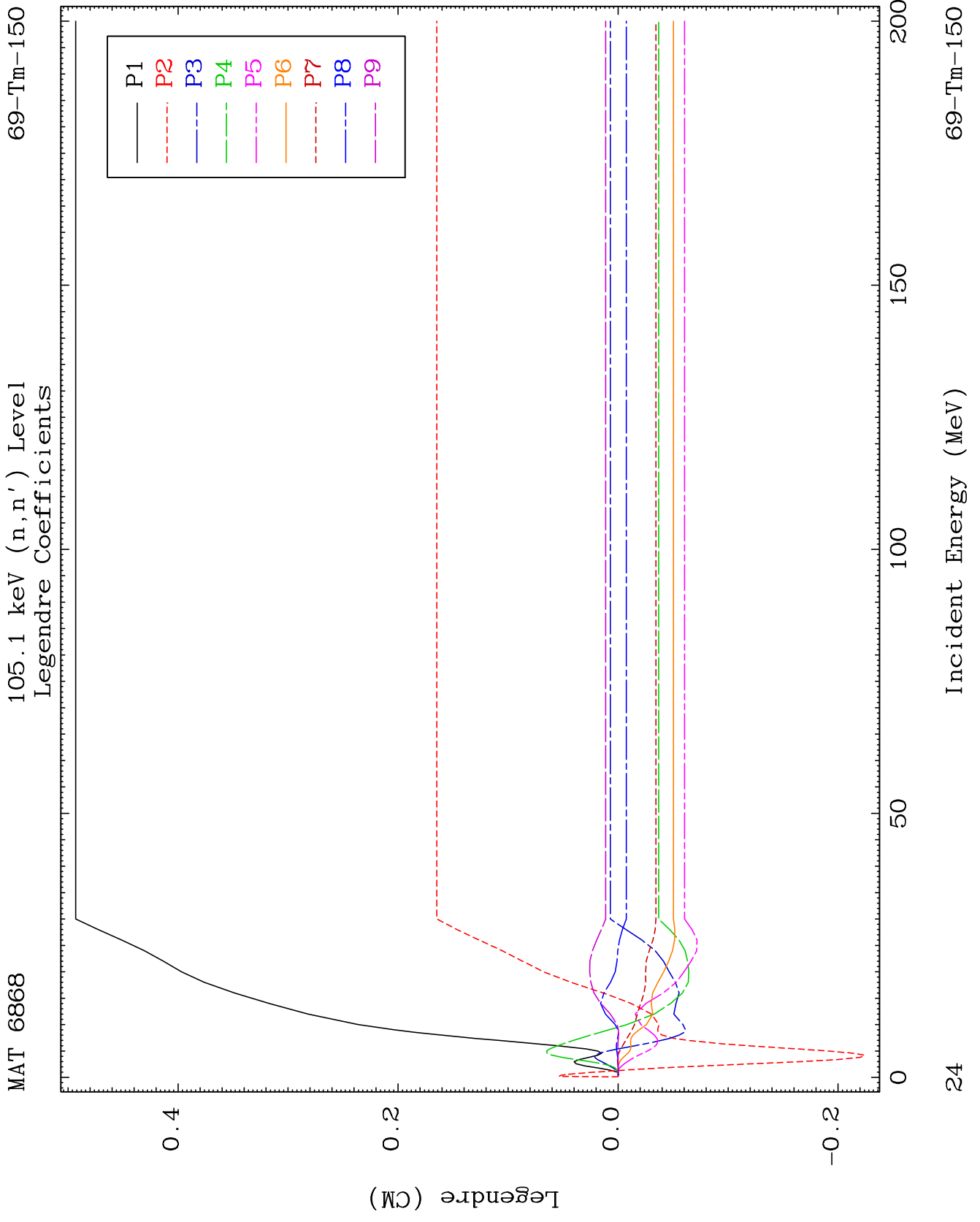
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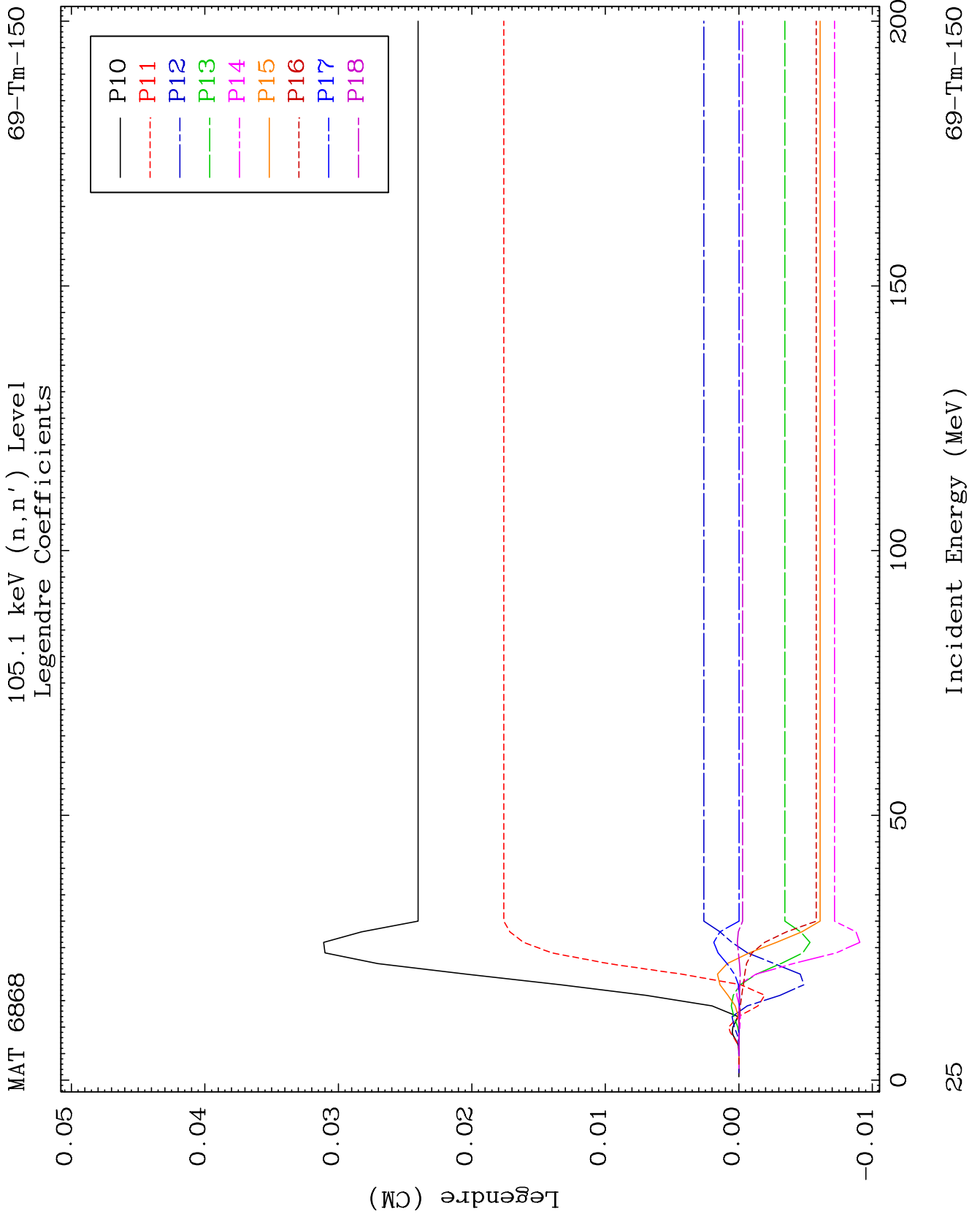
Incident Energy (MeV)

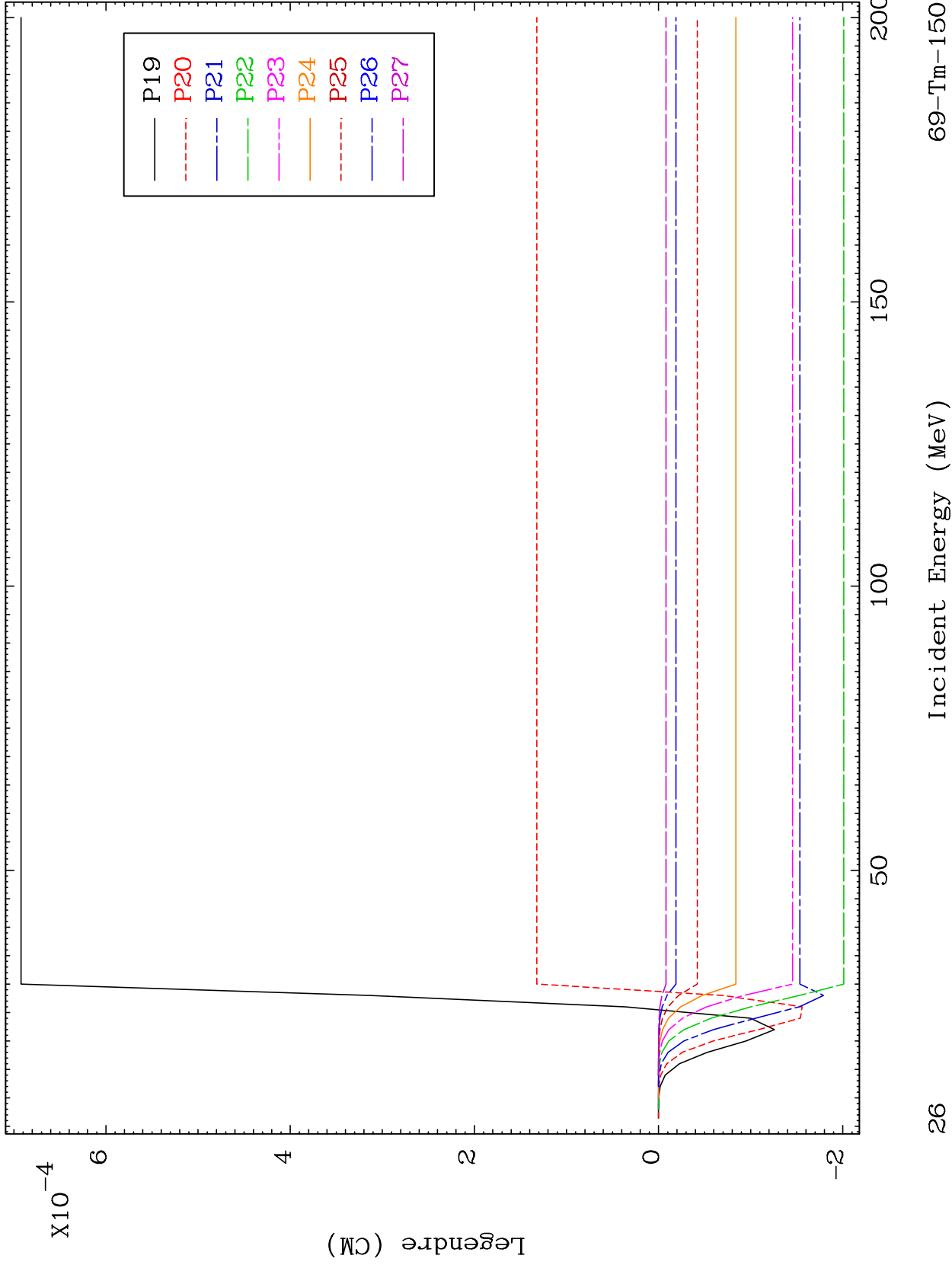
69-Tm-150

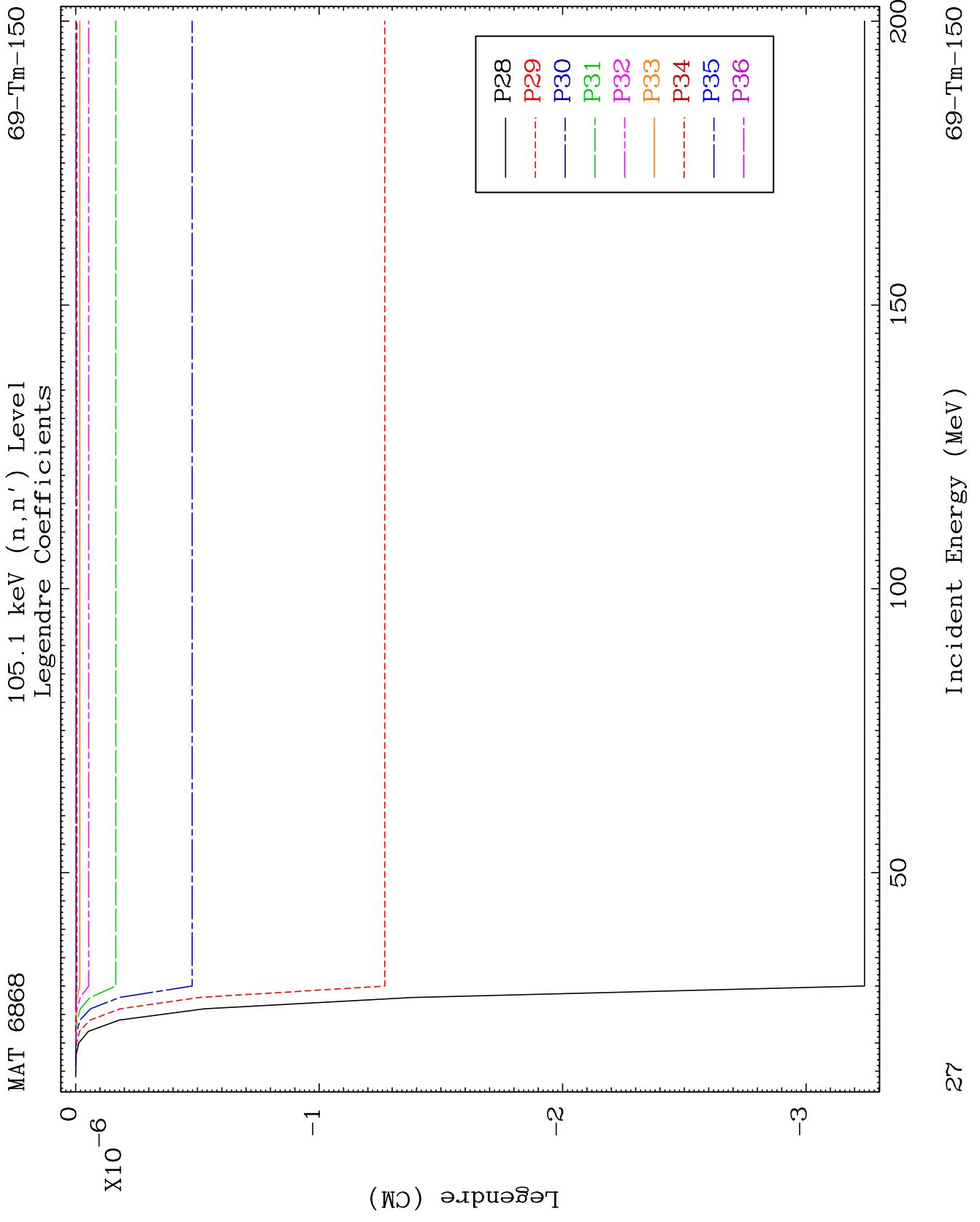


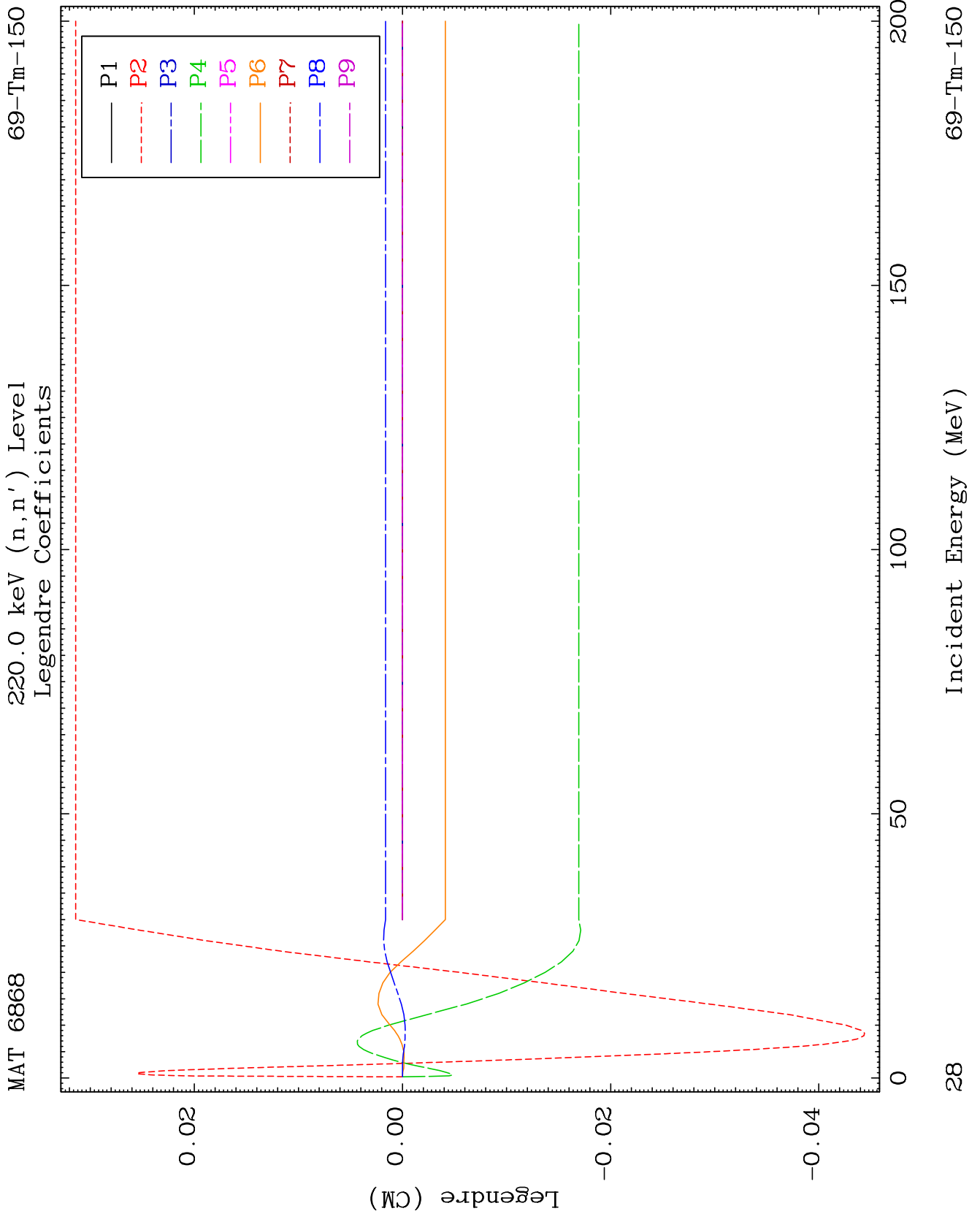


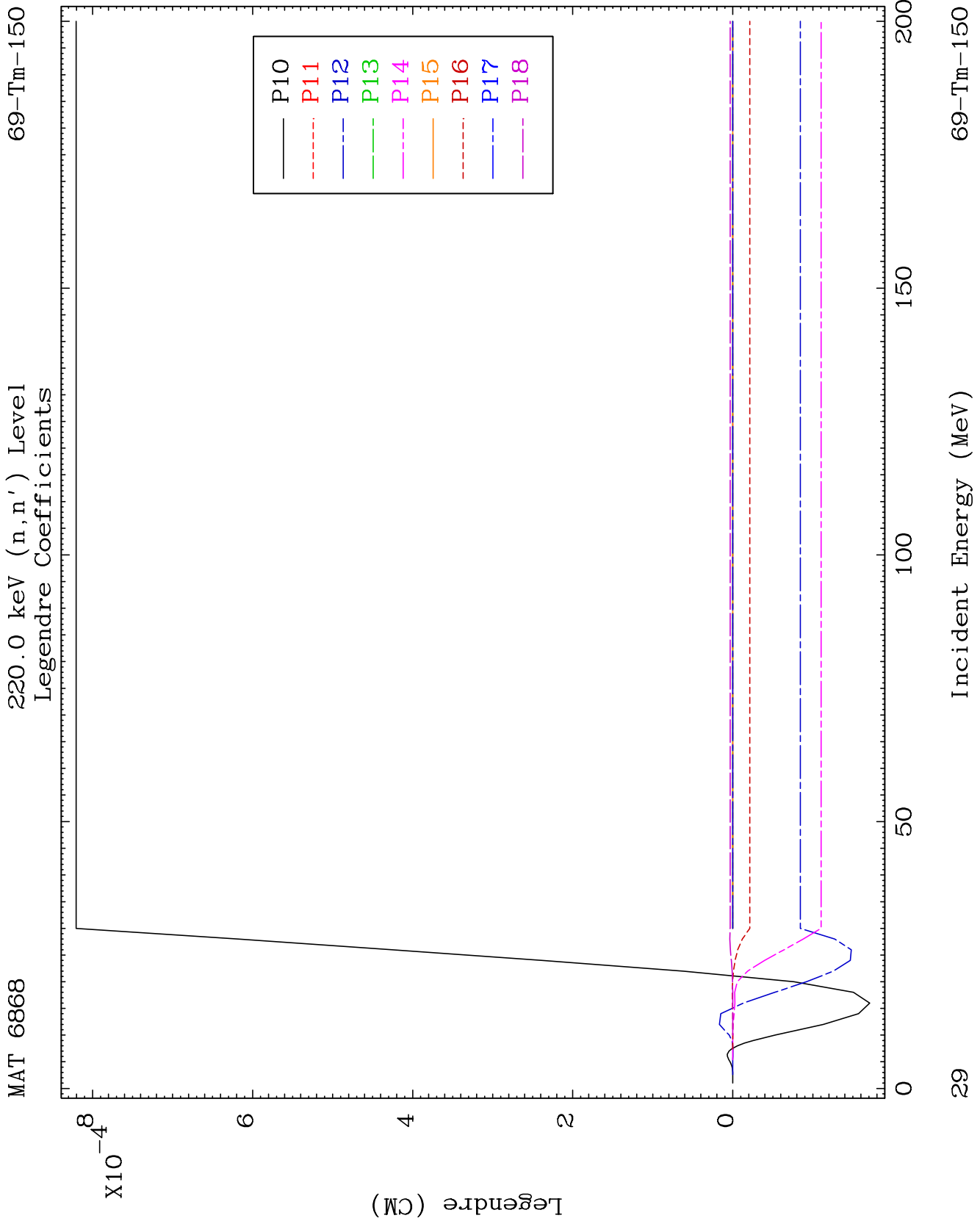


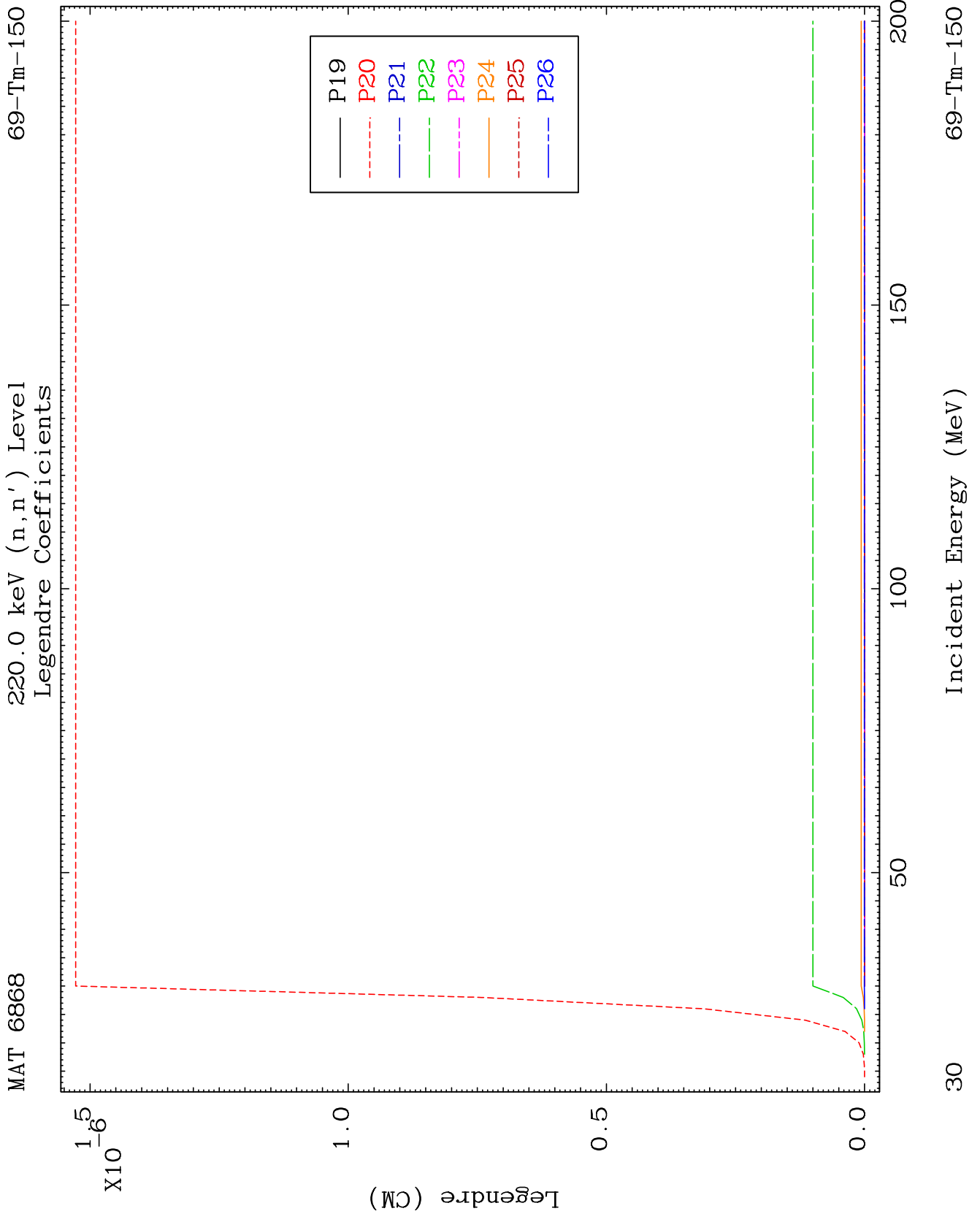








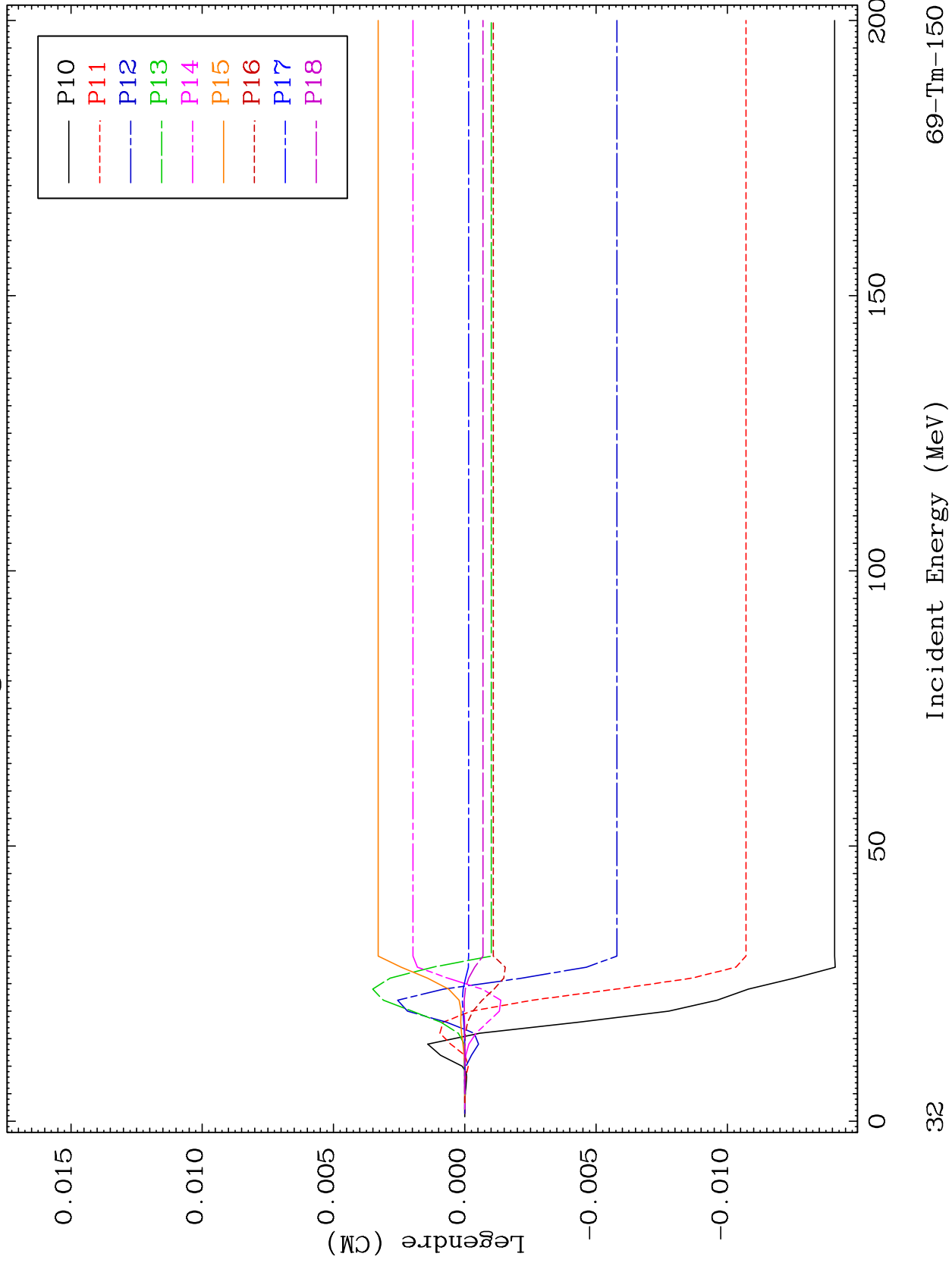




MAT 6868

340.1 keV (n,n') Level
Legendre Coefficients

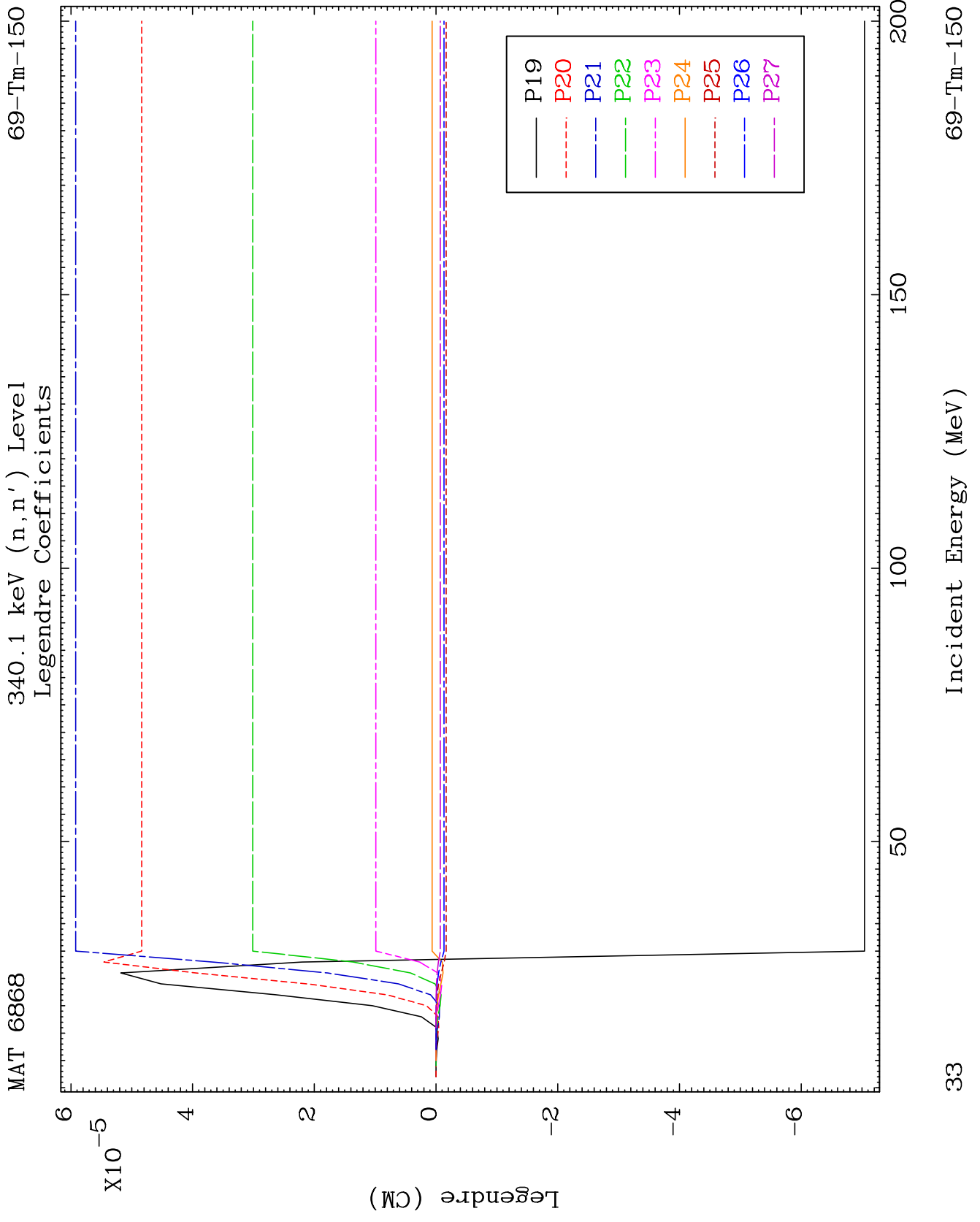
69-Tm-150

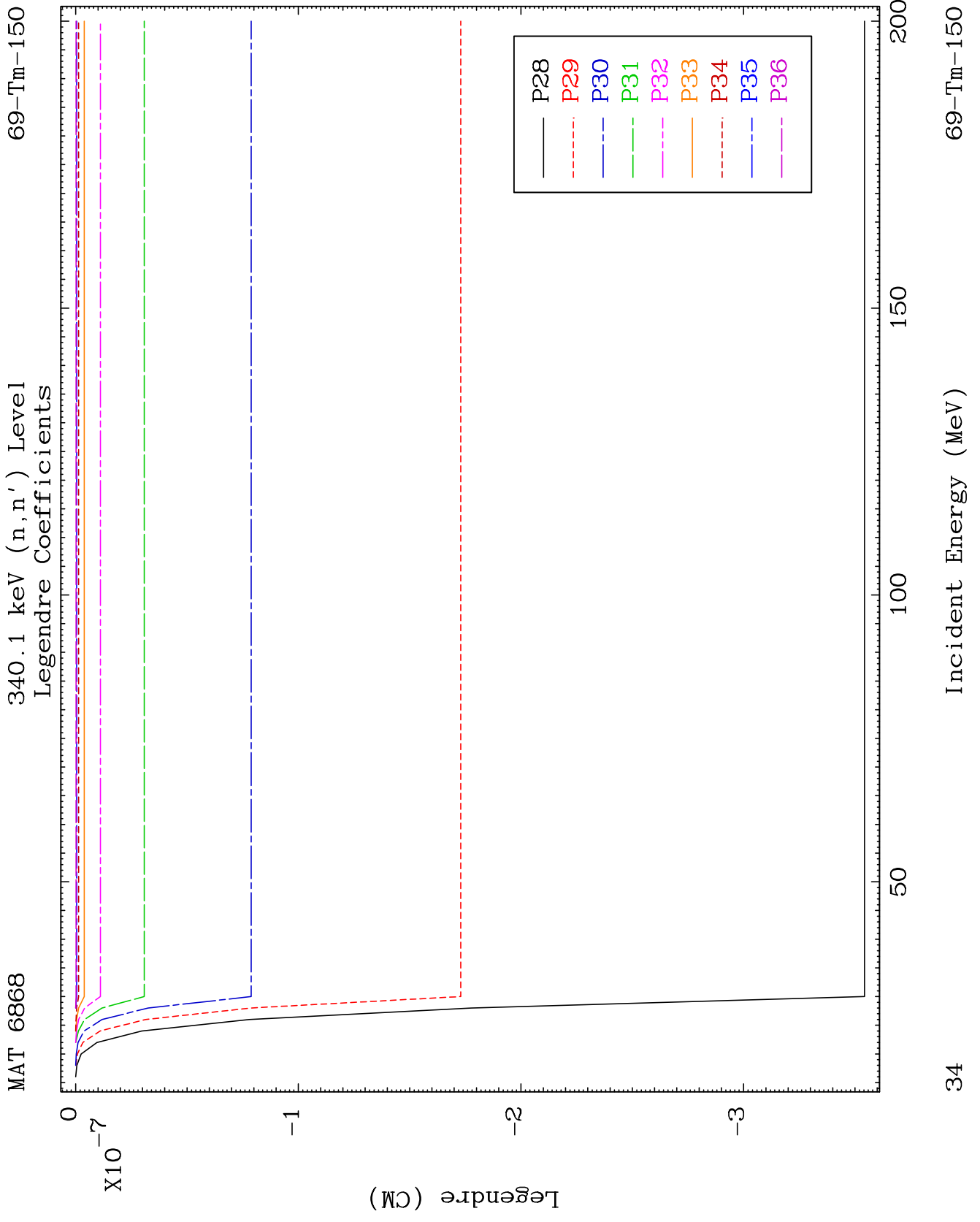


32

Incident Energy (MeV)

69-Tm-150

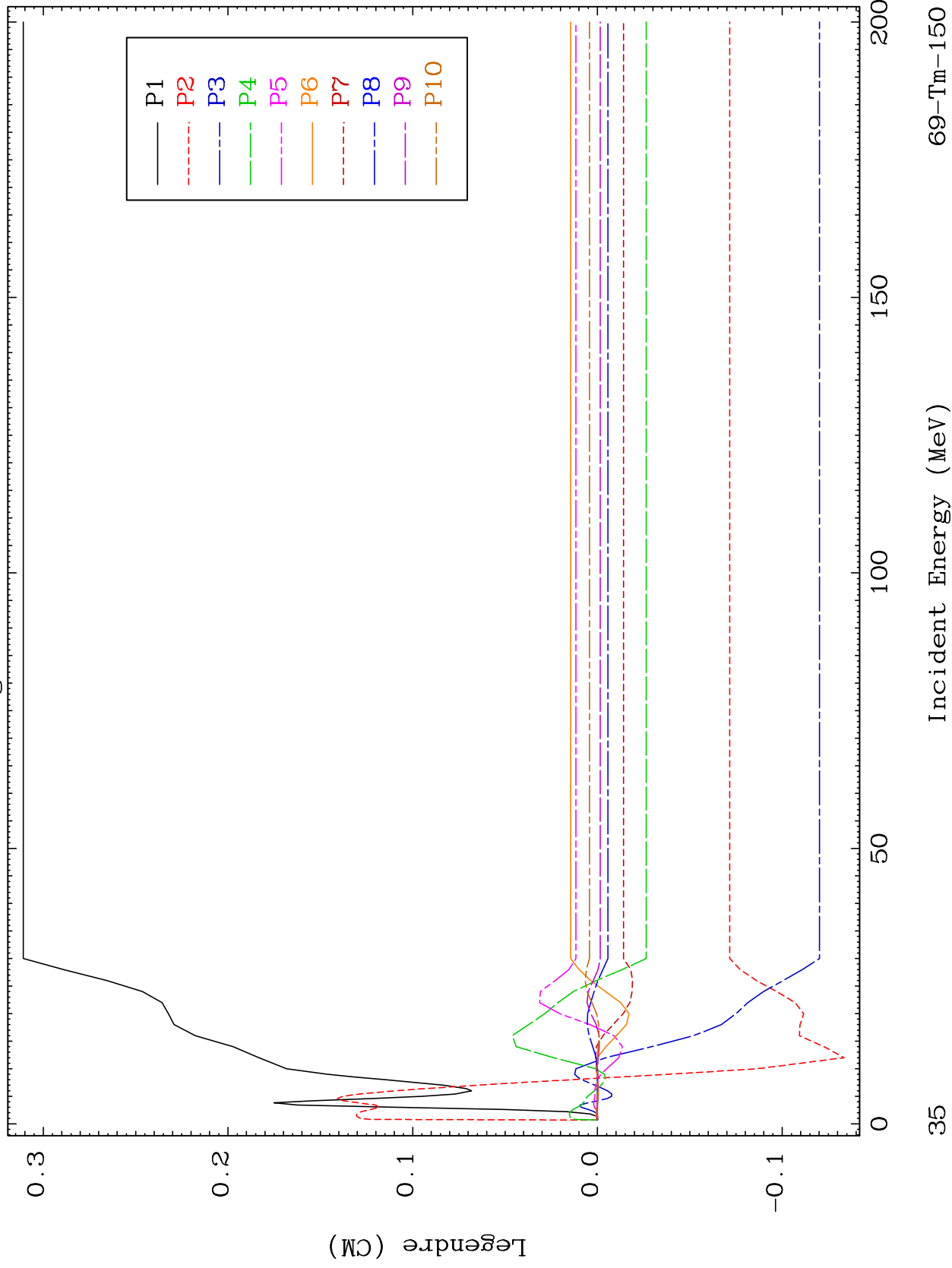




MAT 6868

671.3 keV (n,n') Level
Legendre Coefficients

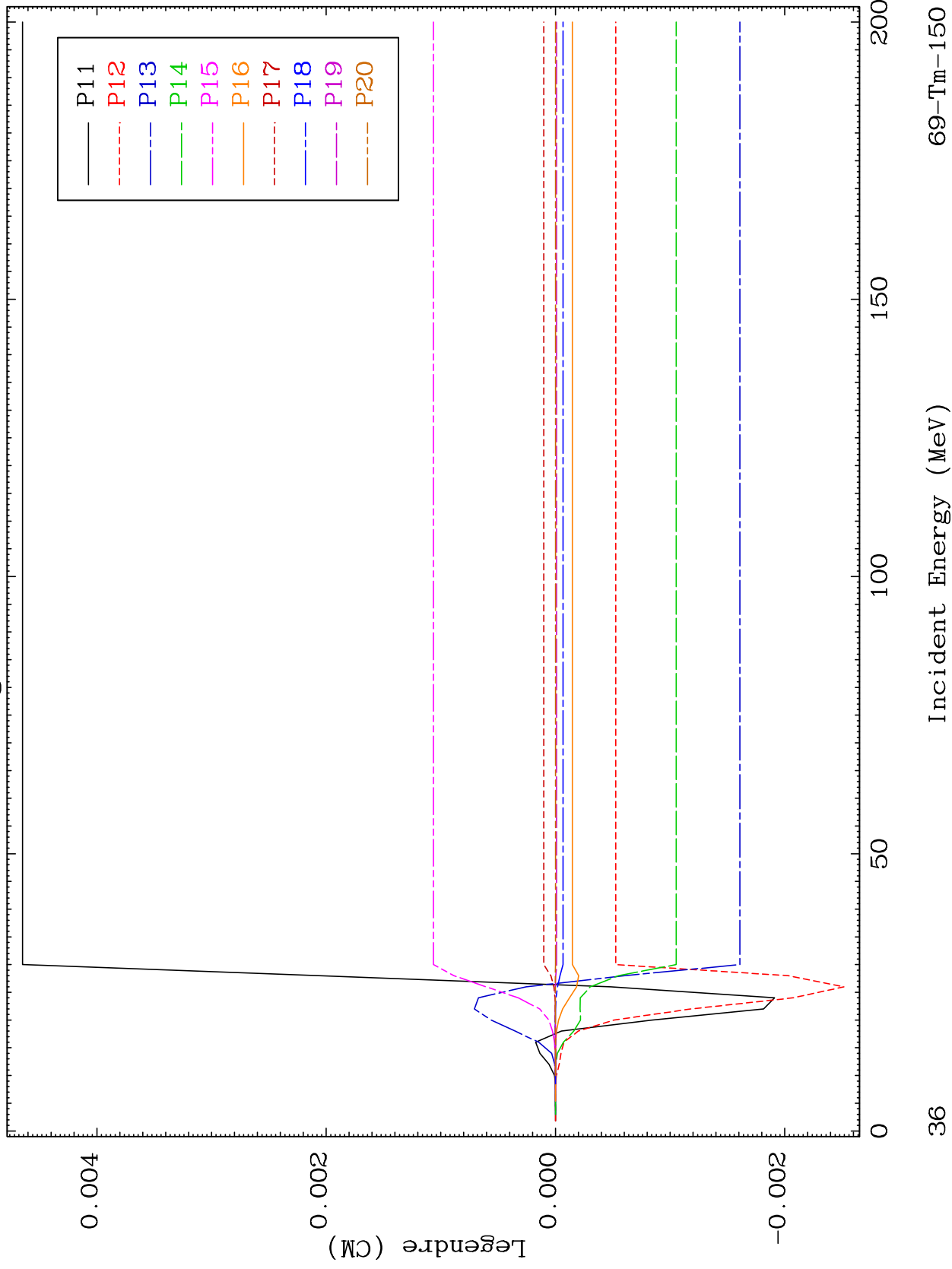
69-Tm-150



MAT 6868

671.3 keV (n,n') Level
Legendre Coefficients

69-Tm-150



36

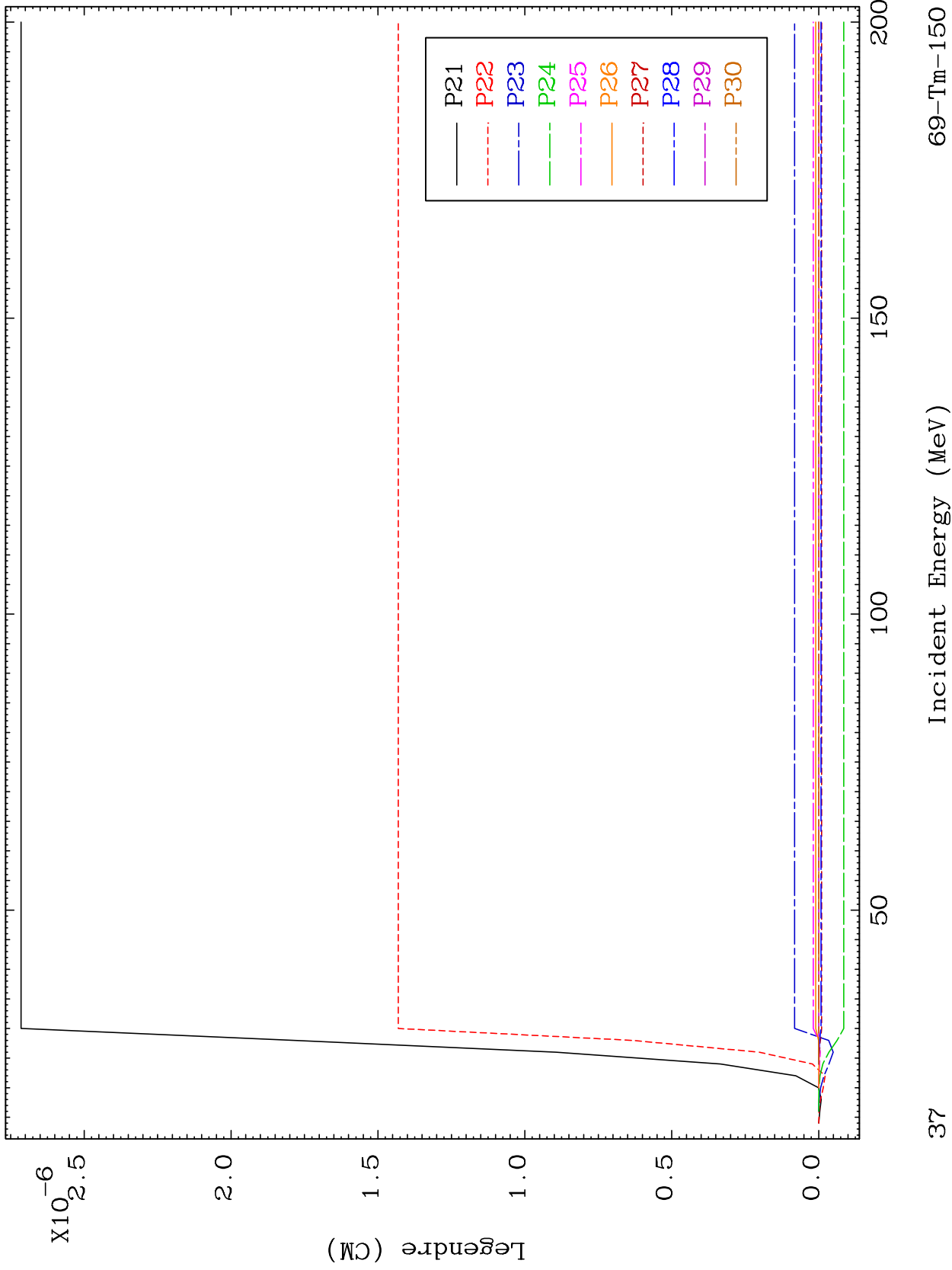
Incident Energy (MeV)

69-Tm-150

MAT 6868

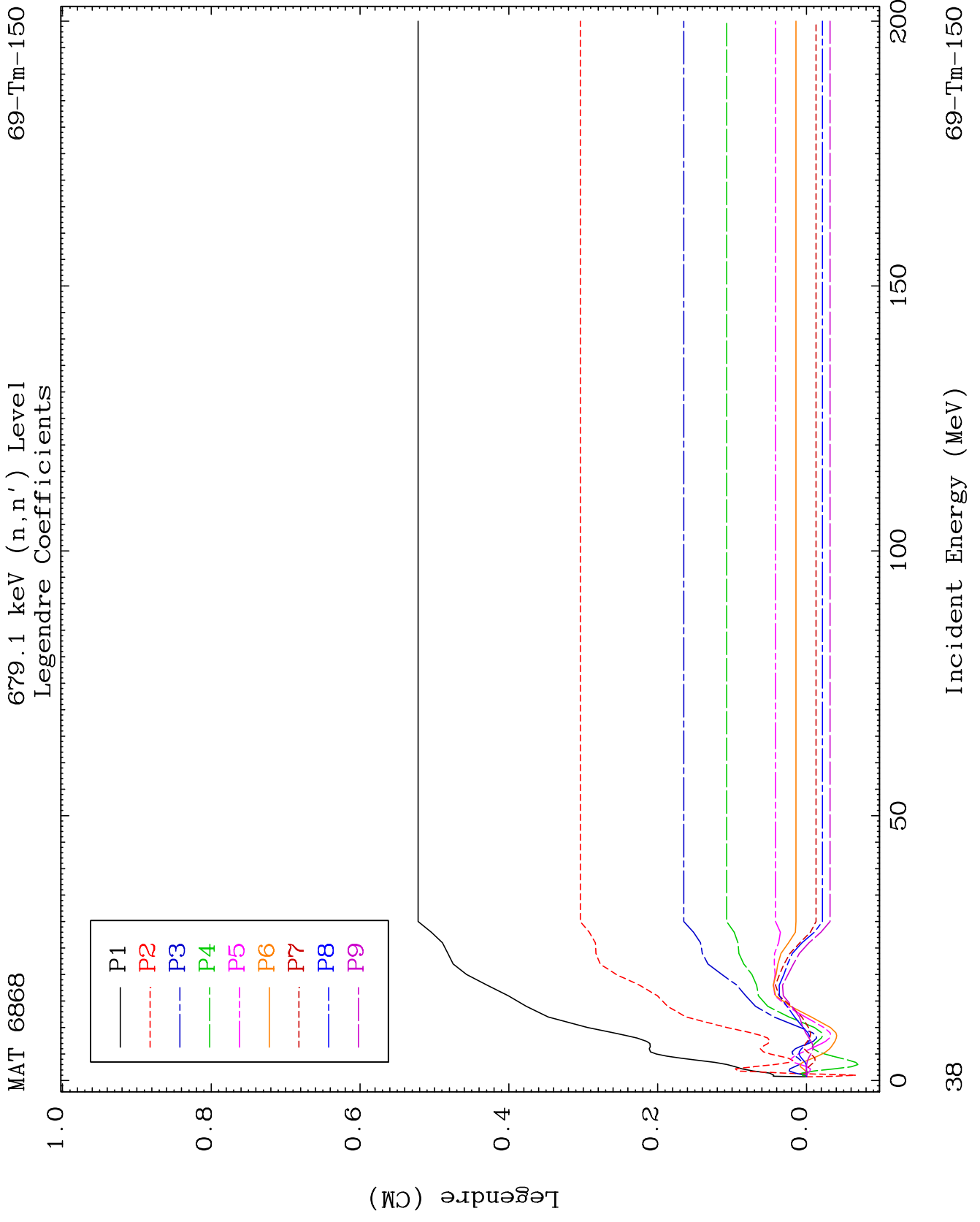
671.3 keV (n,n') Level
Legendre Coefficients

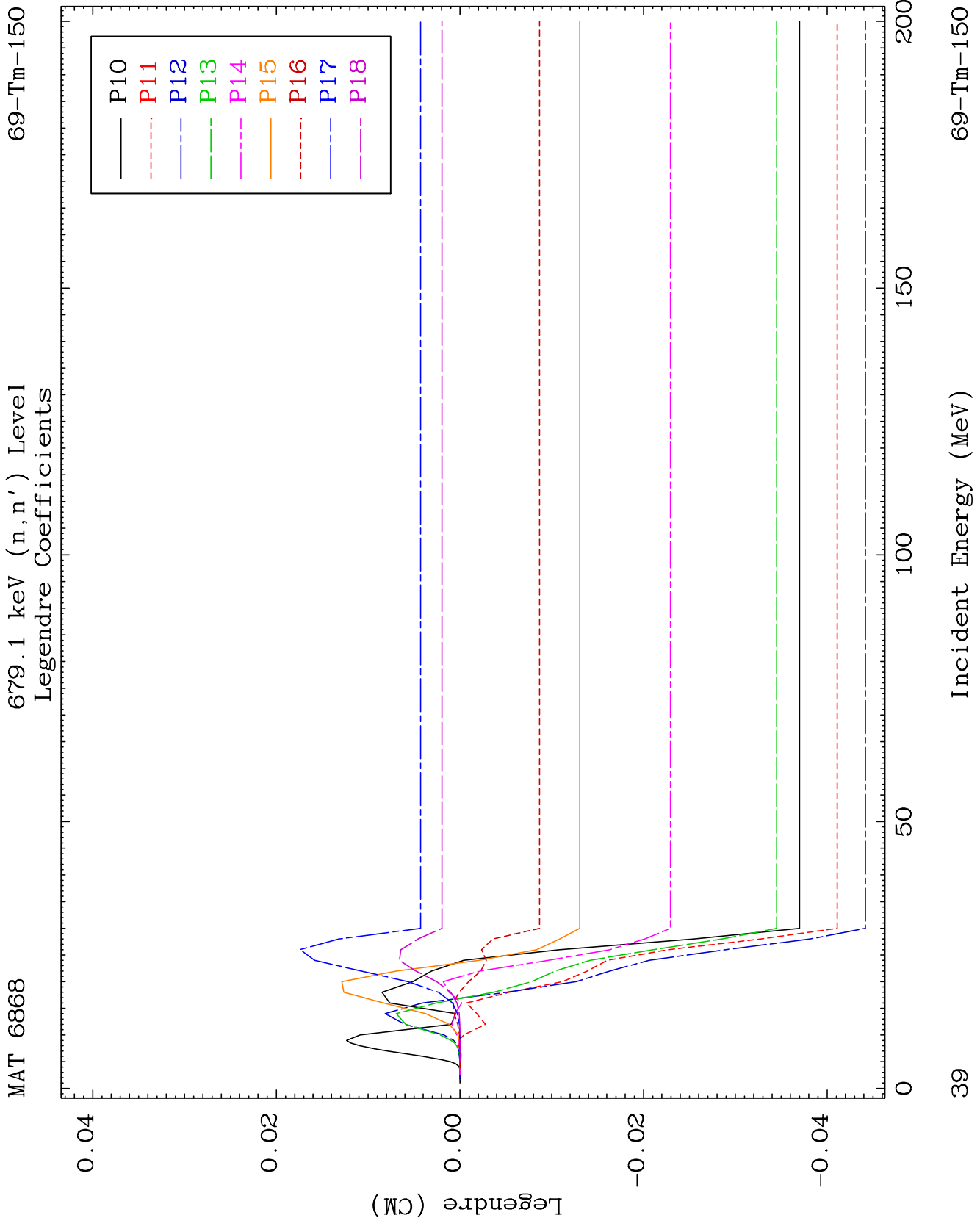
69-Tm-150



37

69-Tm-150

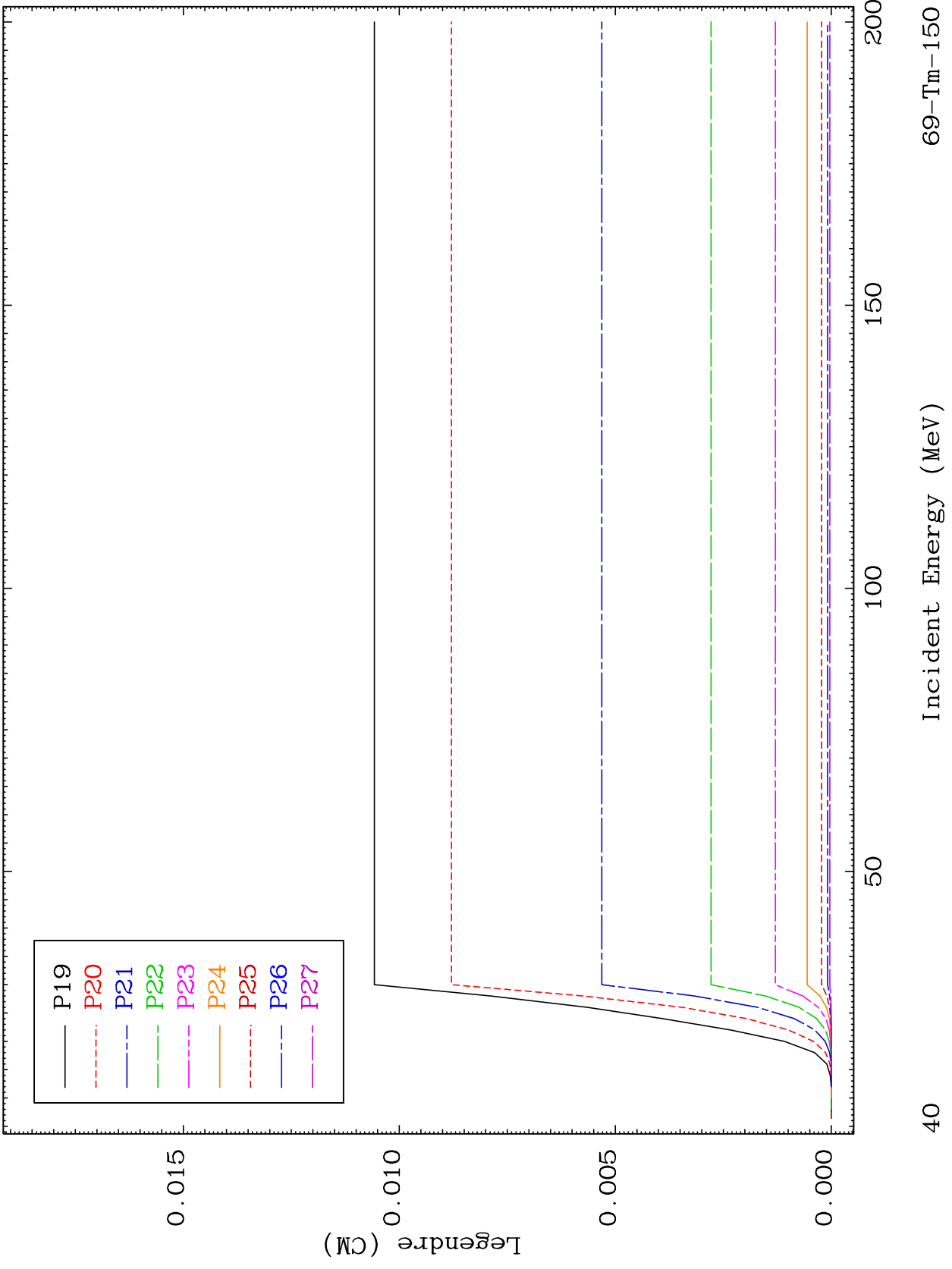




MAT 6868

679.1 keV (n,n') Level
Legendre Coefficients

69-Tm-150



40

50

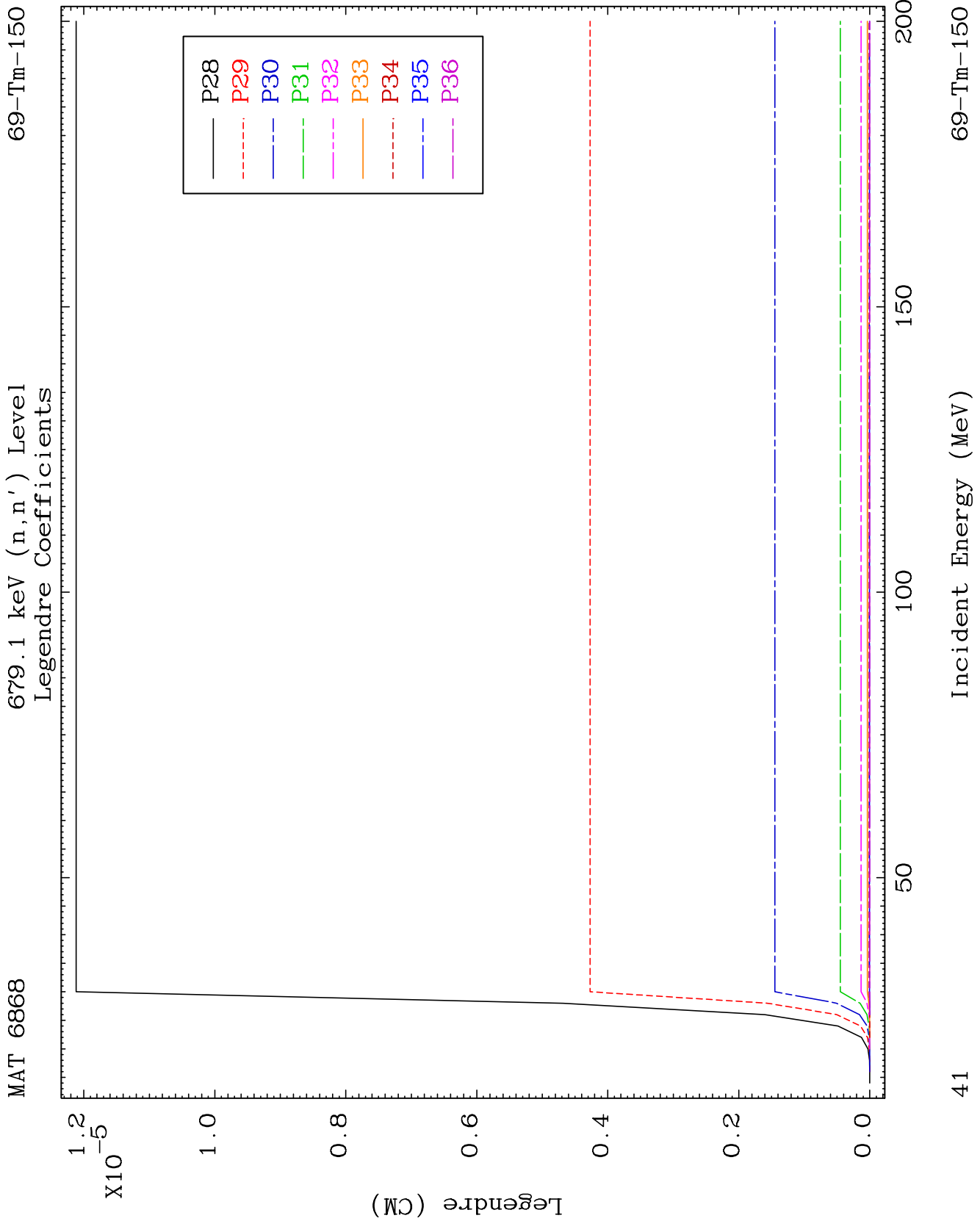
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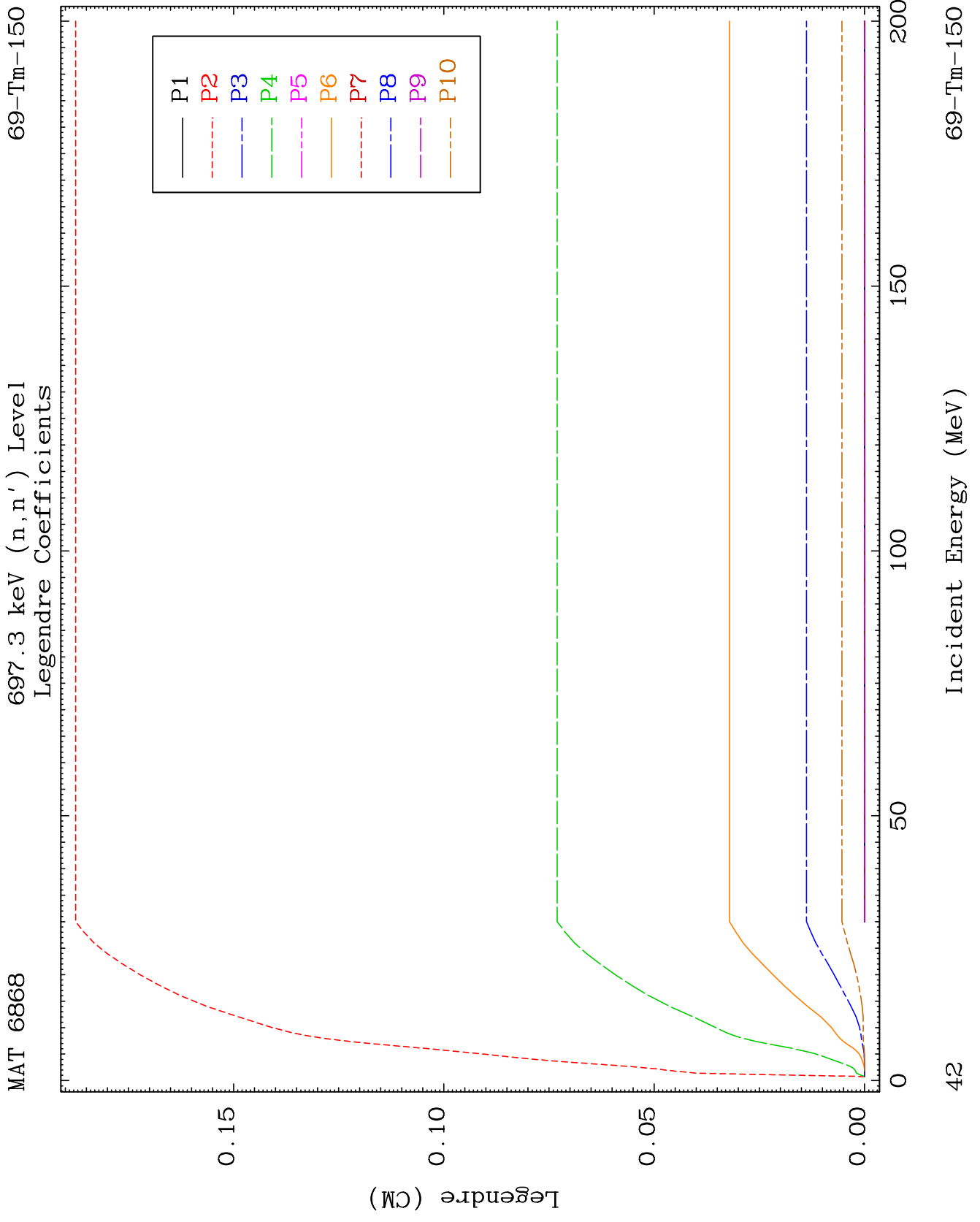
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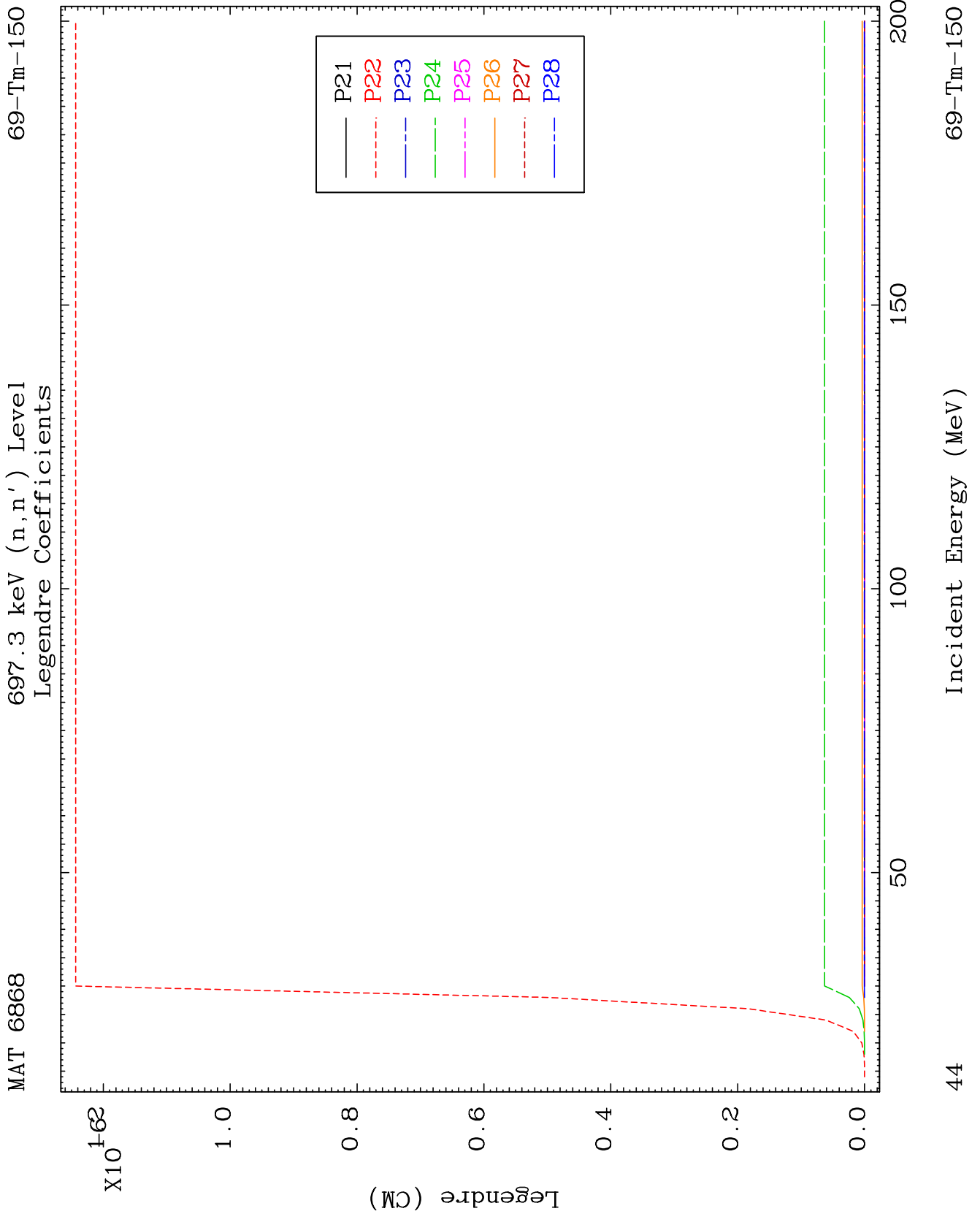
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Incident Energy (MeV)

69-Tm-150



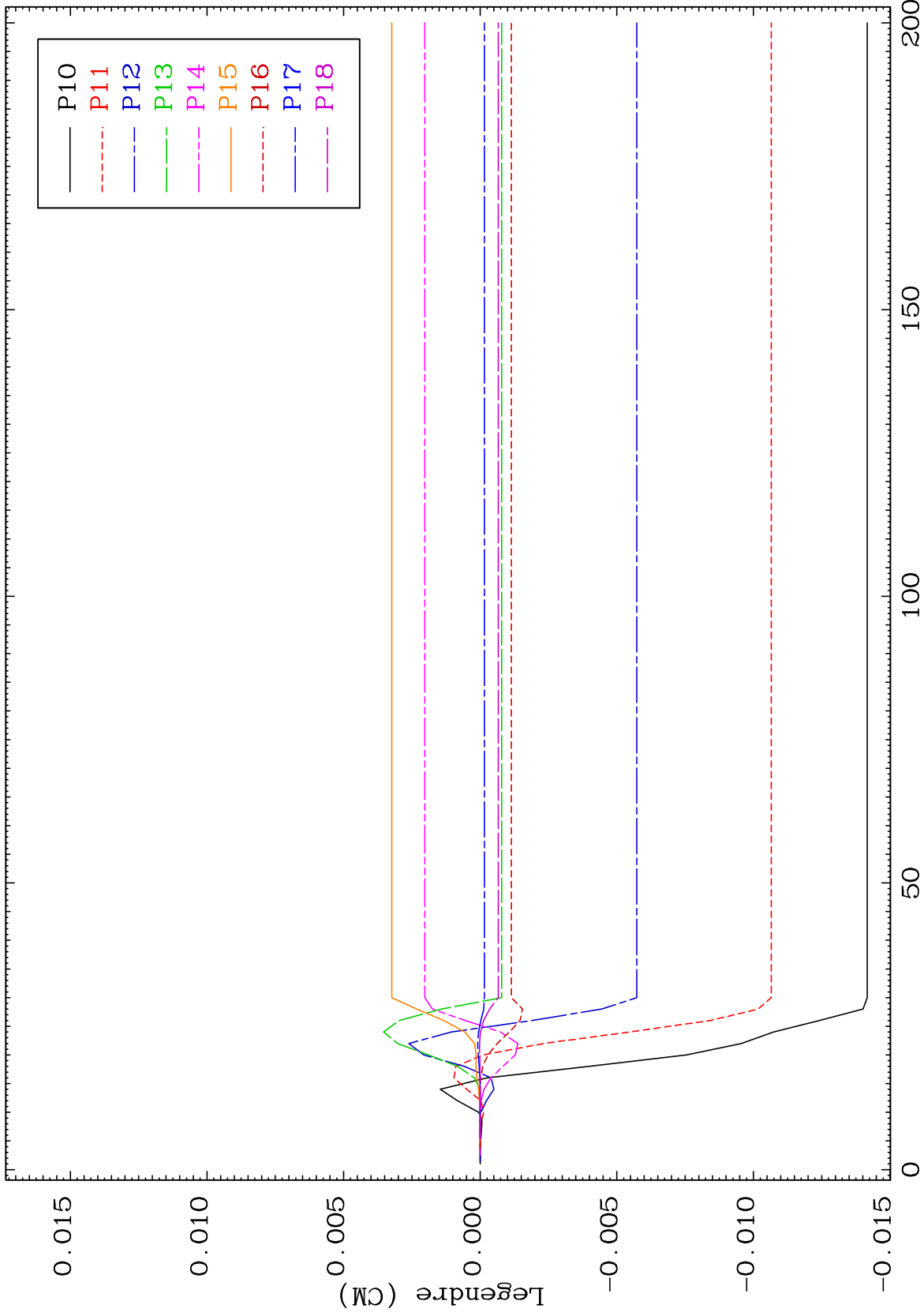




MAT 6868

700.3 keV (n,n') Level
Legendre Coefficients

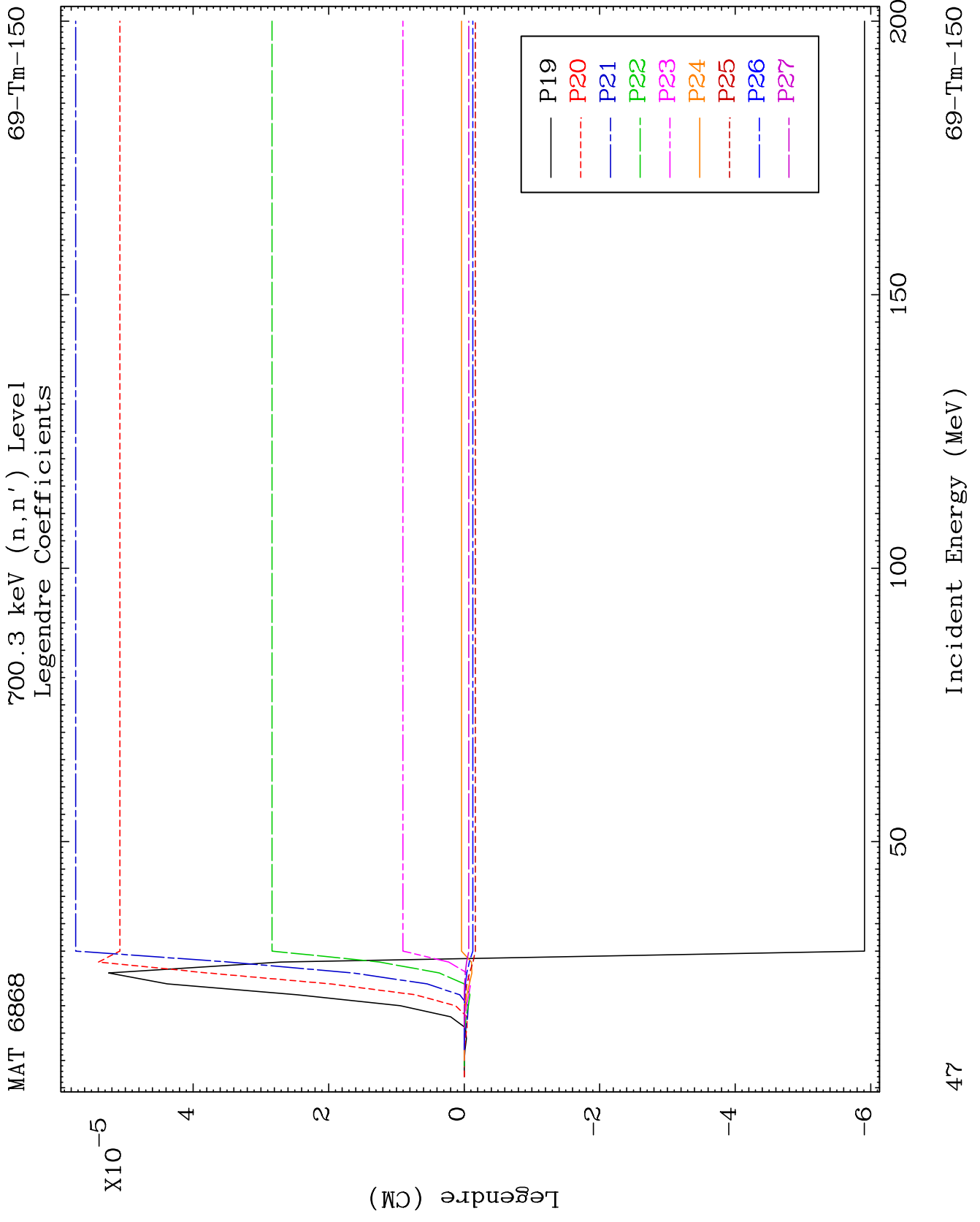
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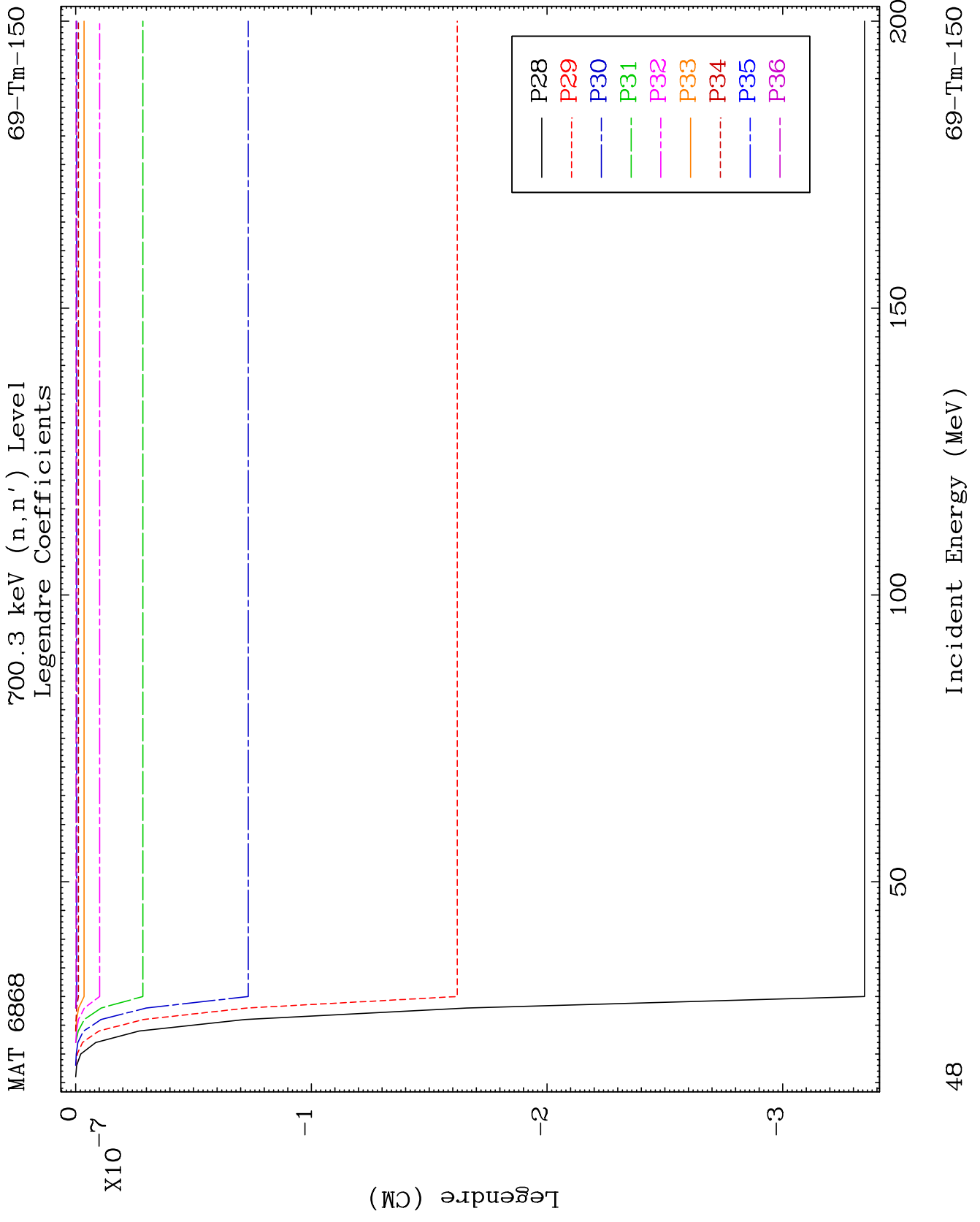


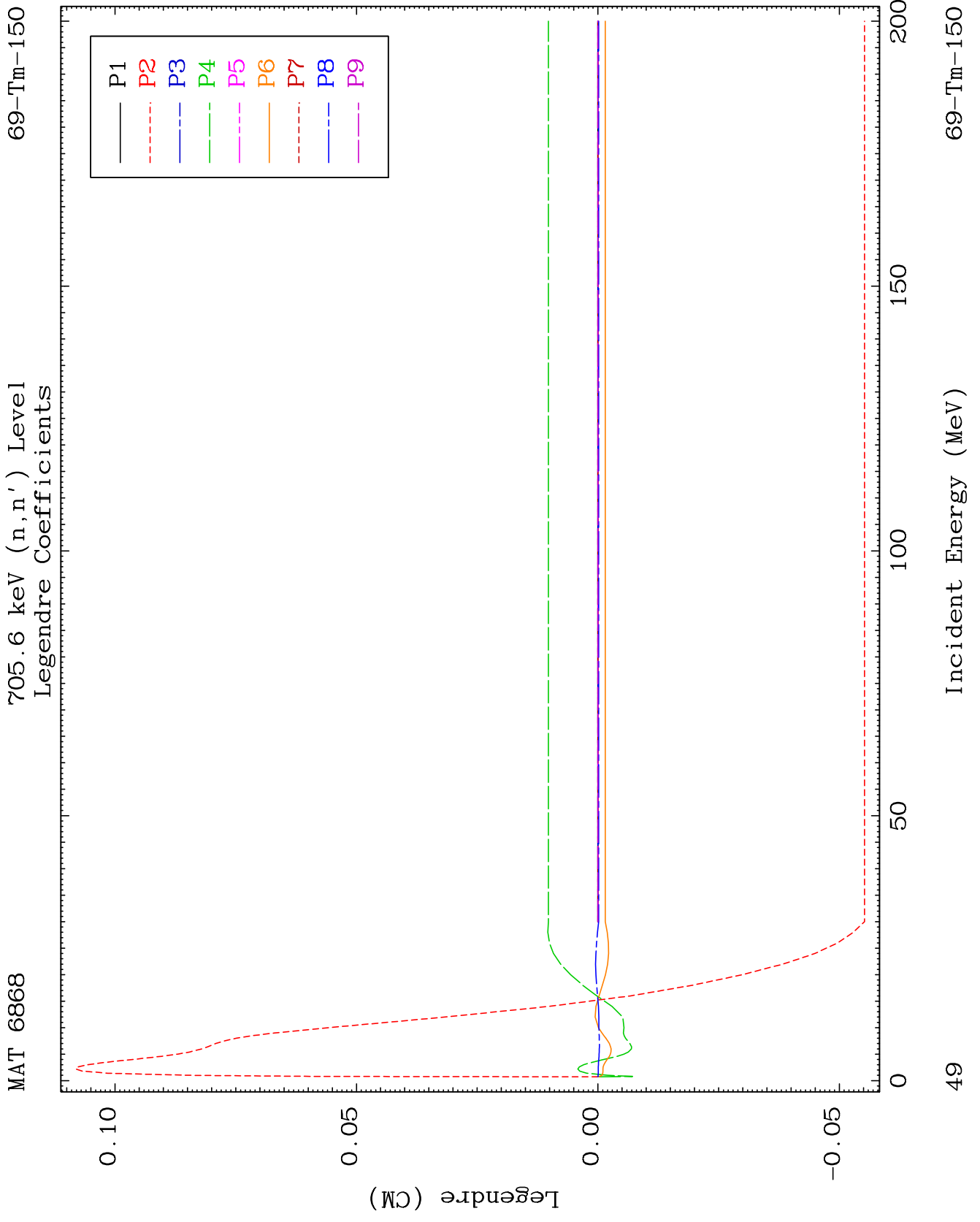
46

Incident Energy (MeV)

69-Tm-150



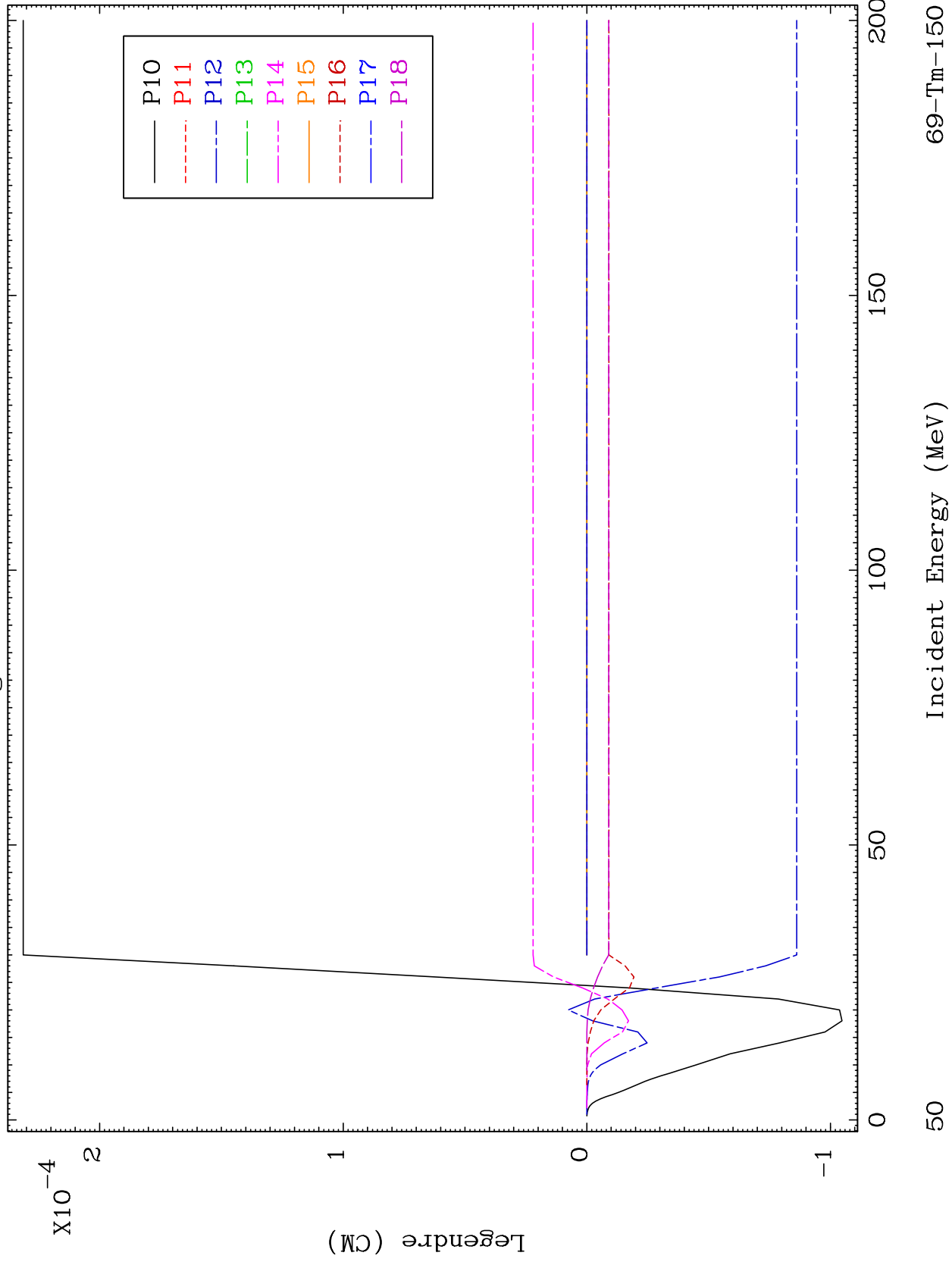




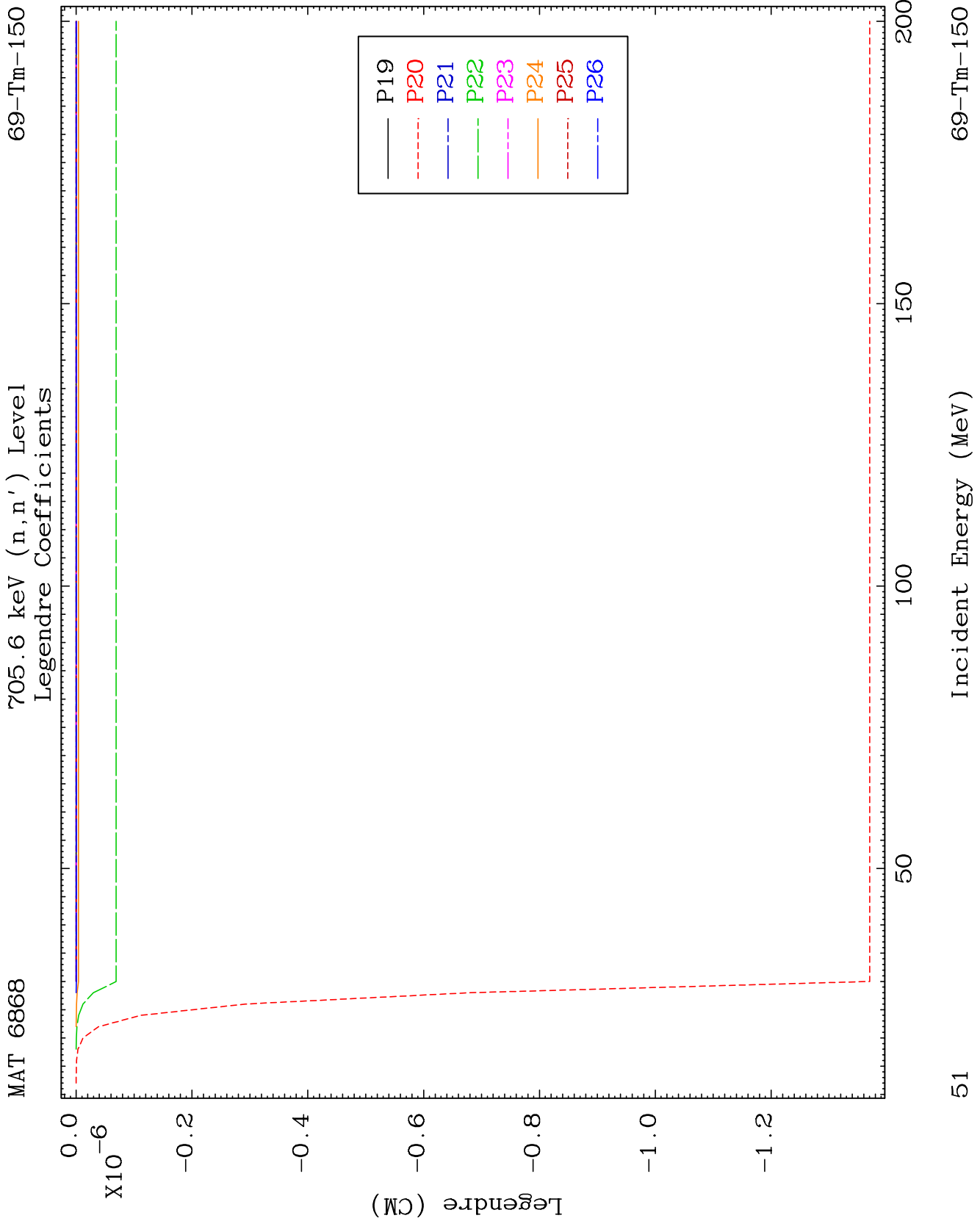
MAT 6868

705.6 keV (n,n') Level
Legendre Coefficients

69-Tm-150



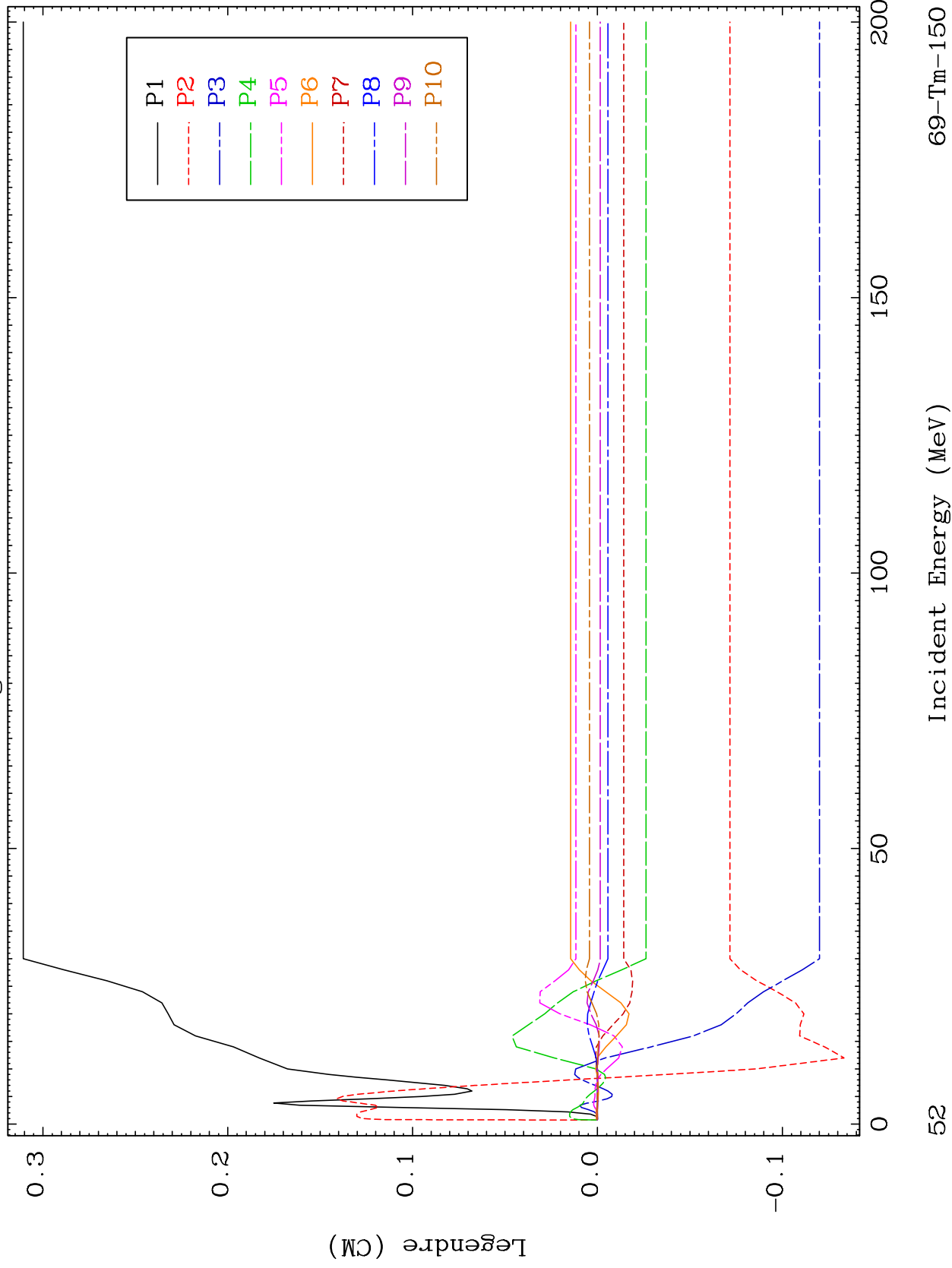
69-Tm-150



MAT 6868

709.8 keV (n,n') Level
Legendre Coefficients

69-Tm-150



52

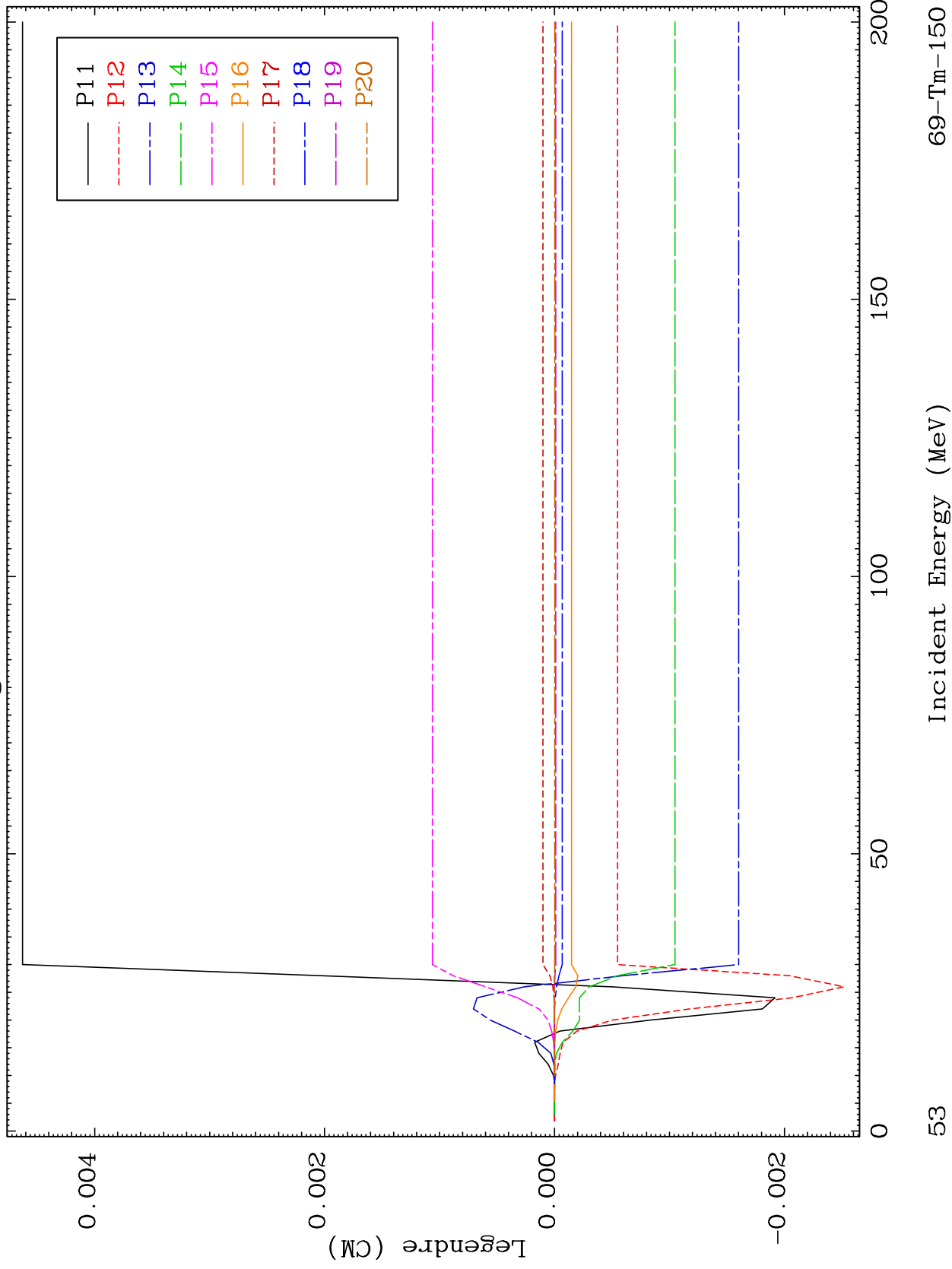
Incident Energy (MeV)

69-Tm-150

MAT 6868

709.8 keV (n,n') Level
Legendre Coefficients

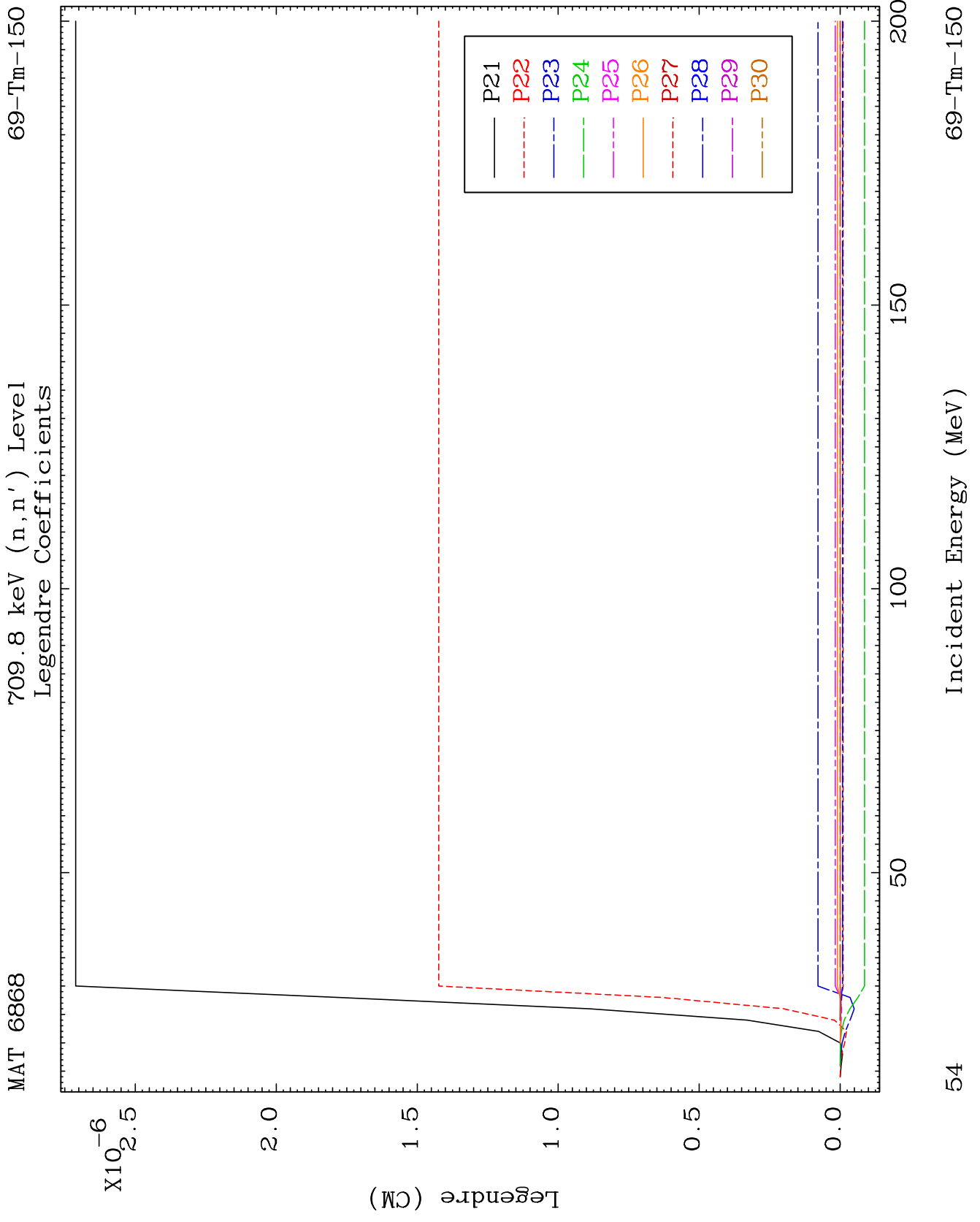
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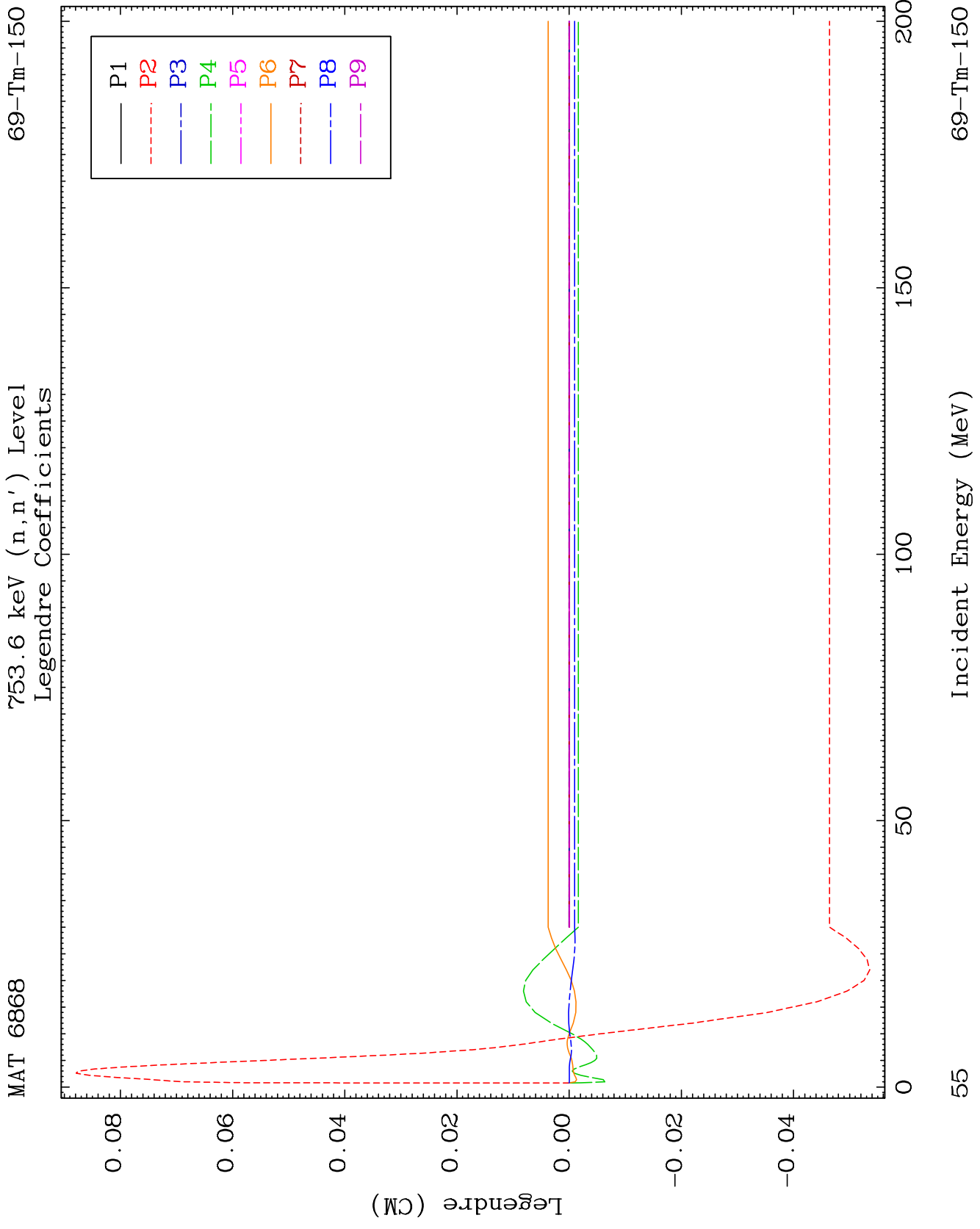


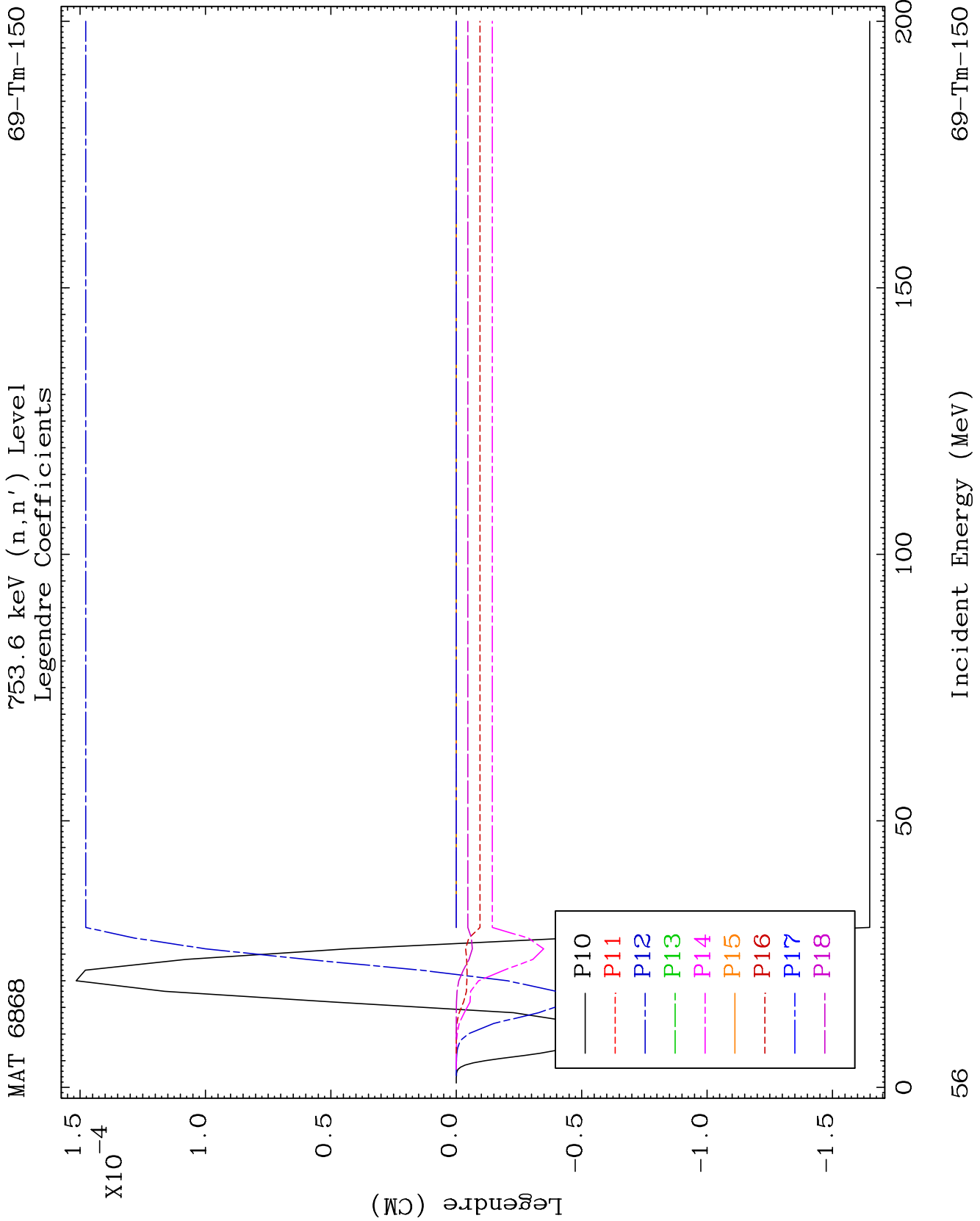
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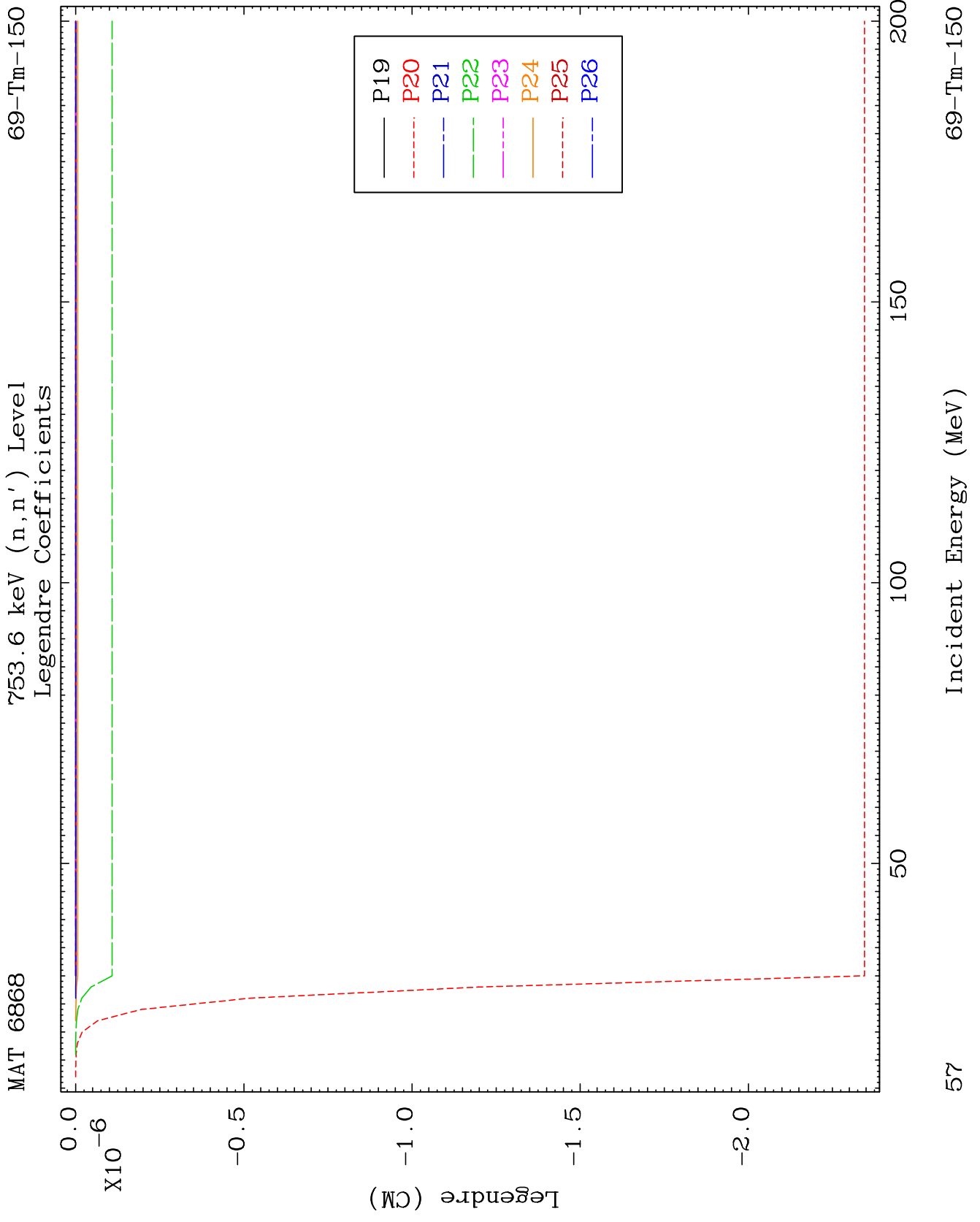
Incident Energy (MeV)

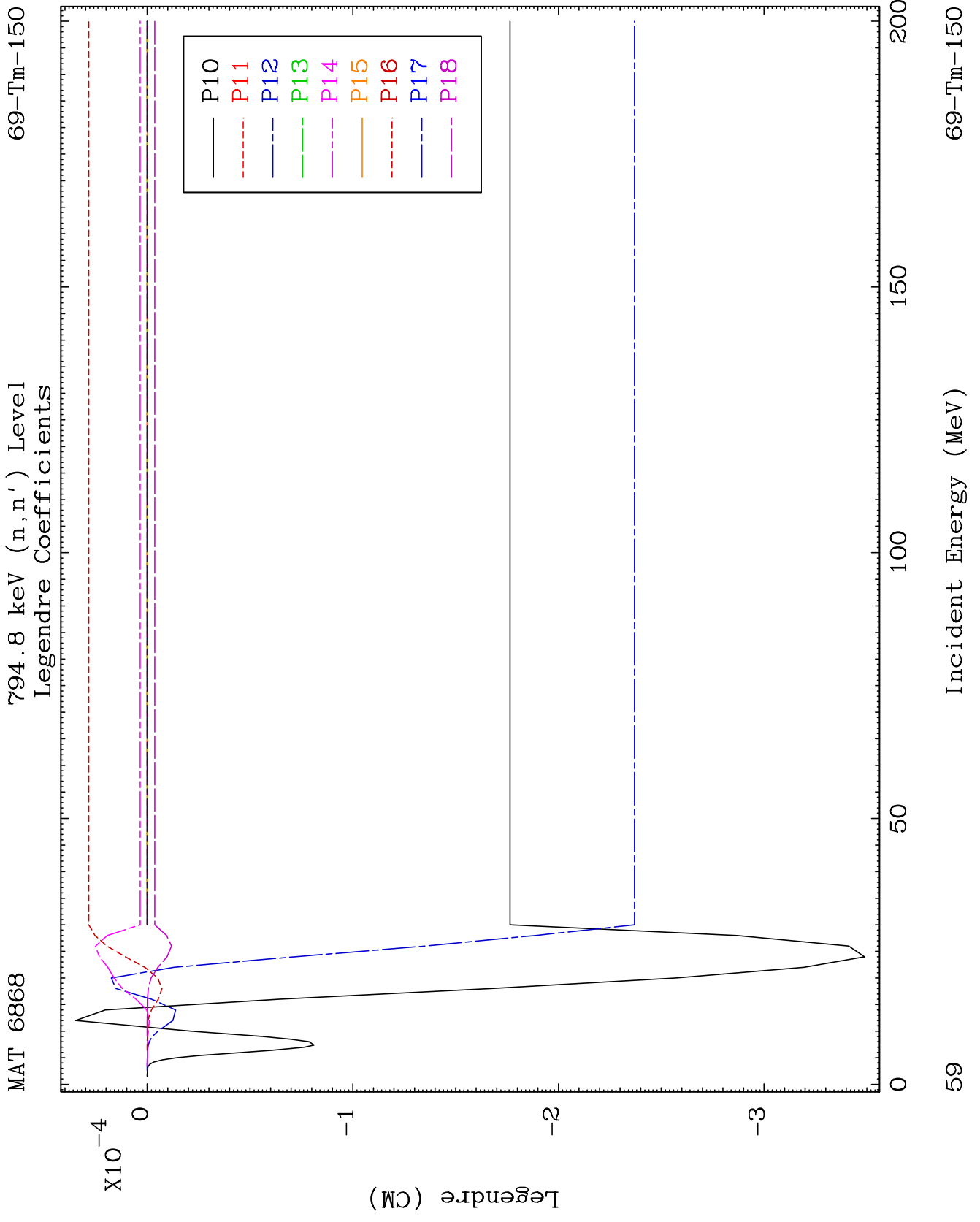
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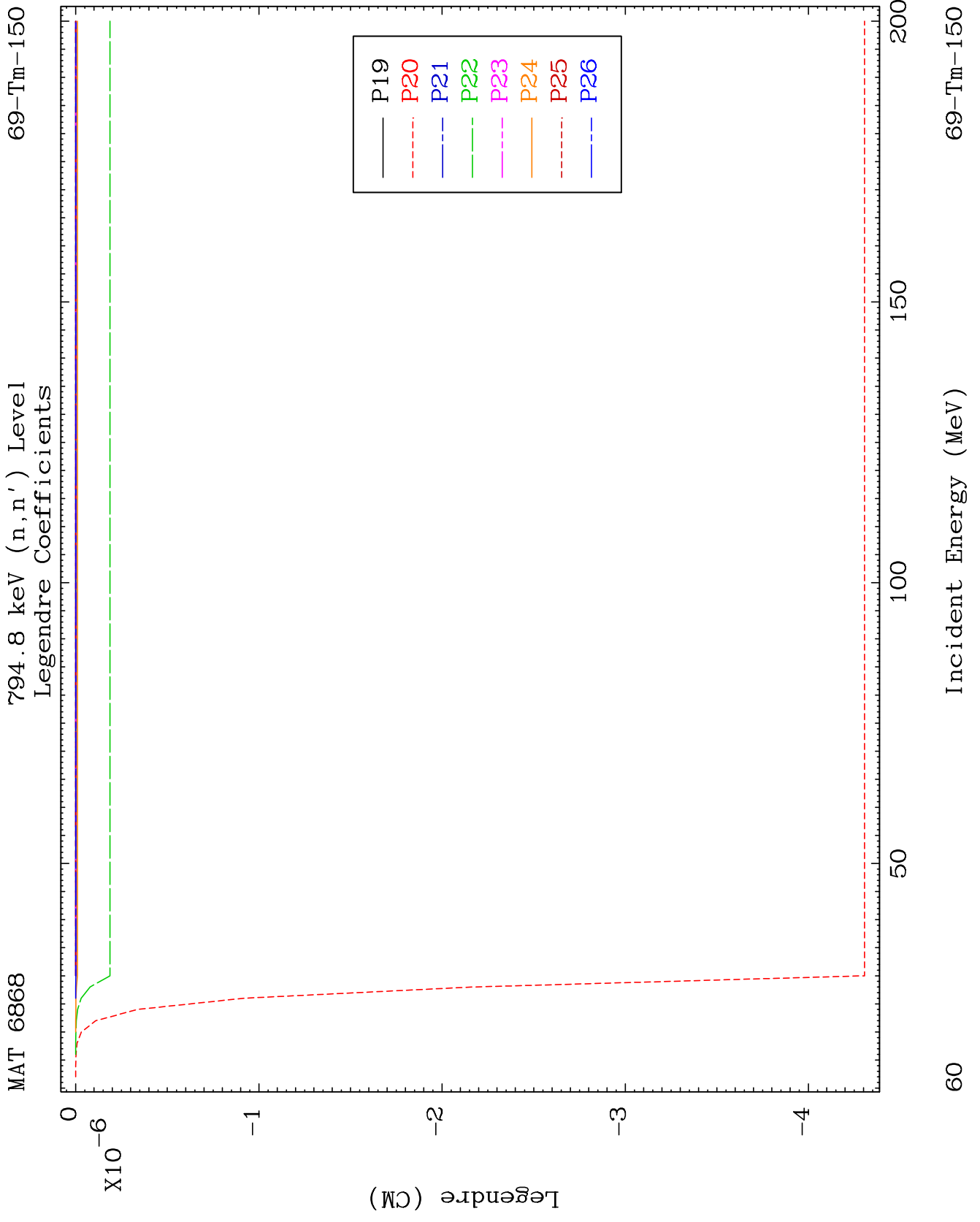


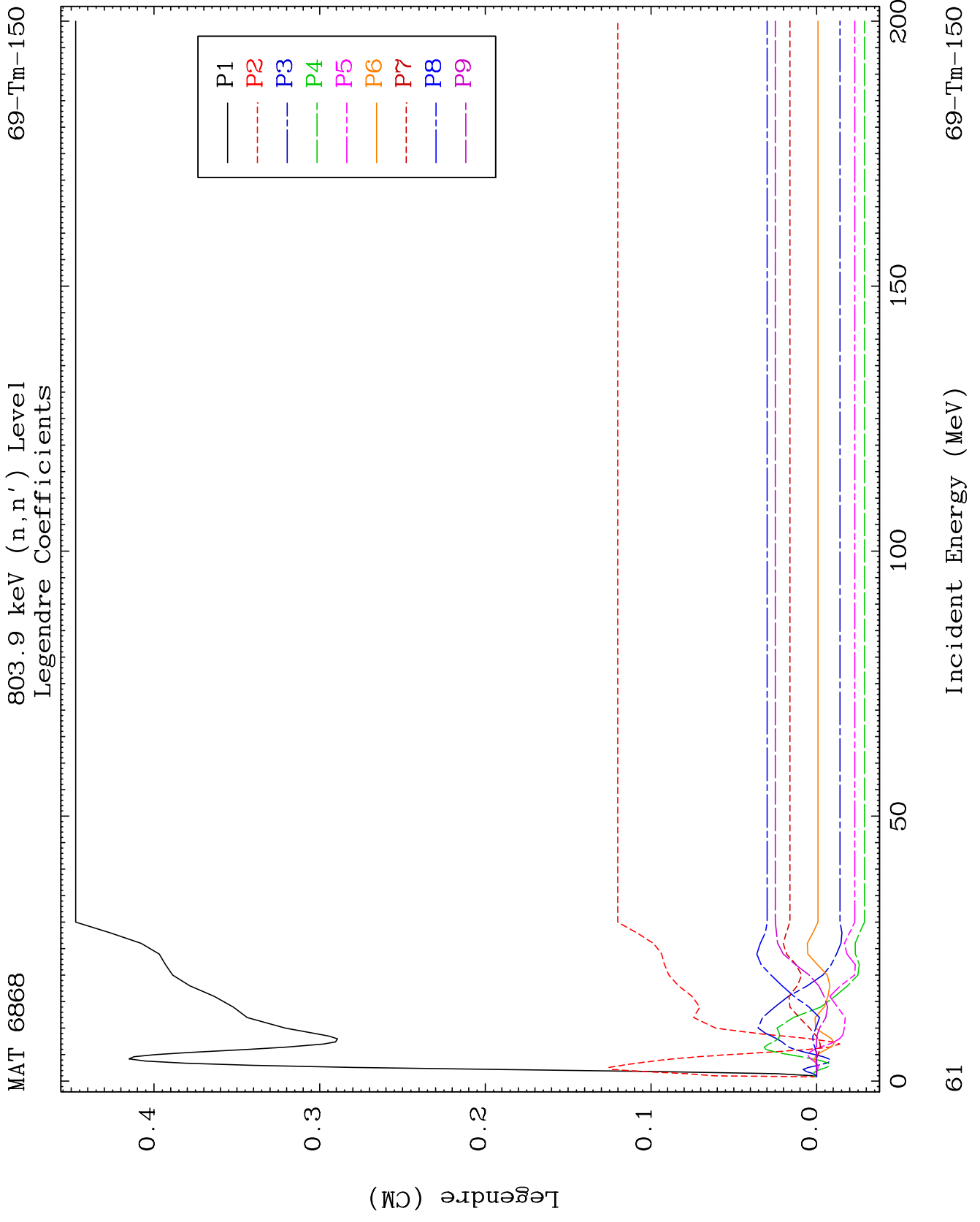








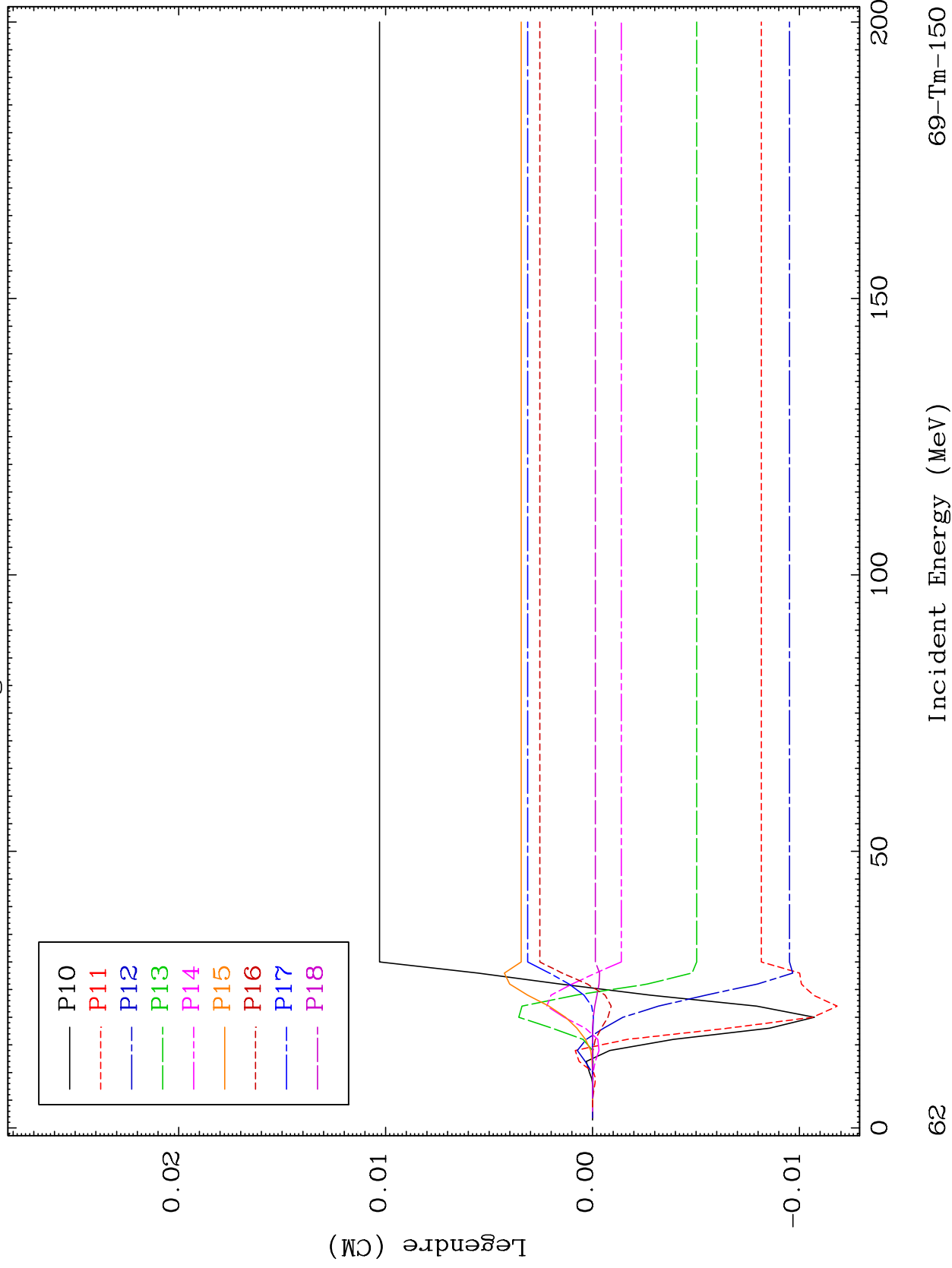




MAT 6868

803.9 keV (n,n') Level
Legendre Coefficients

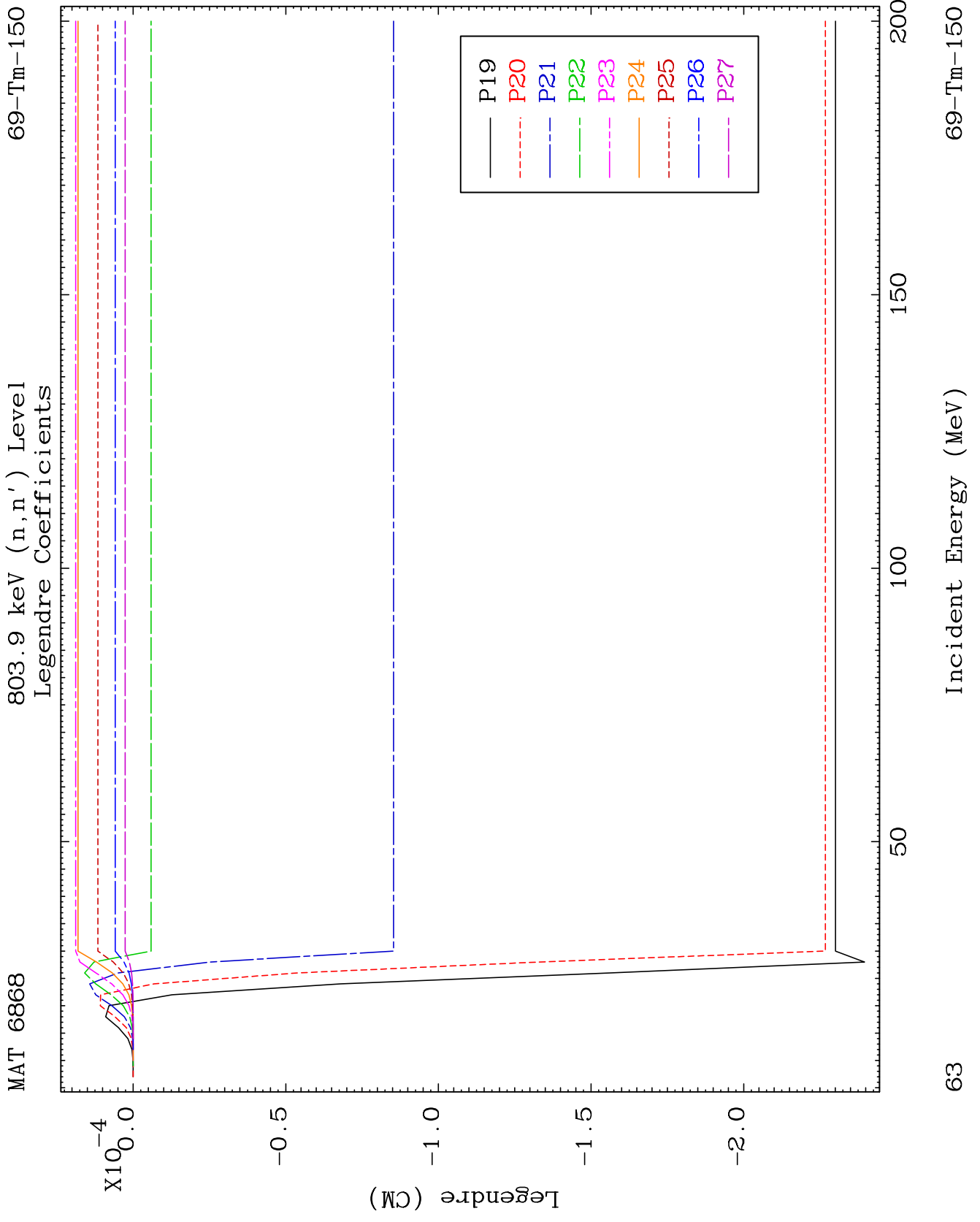
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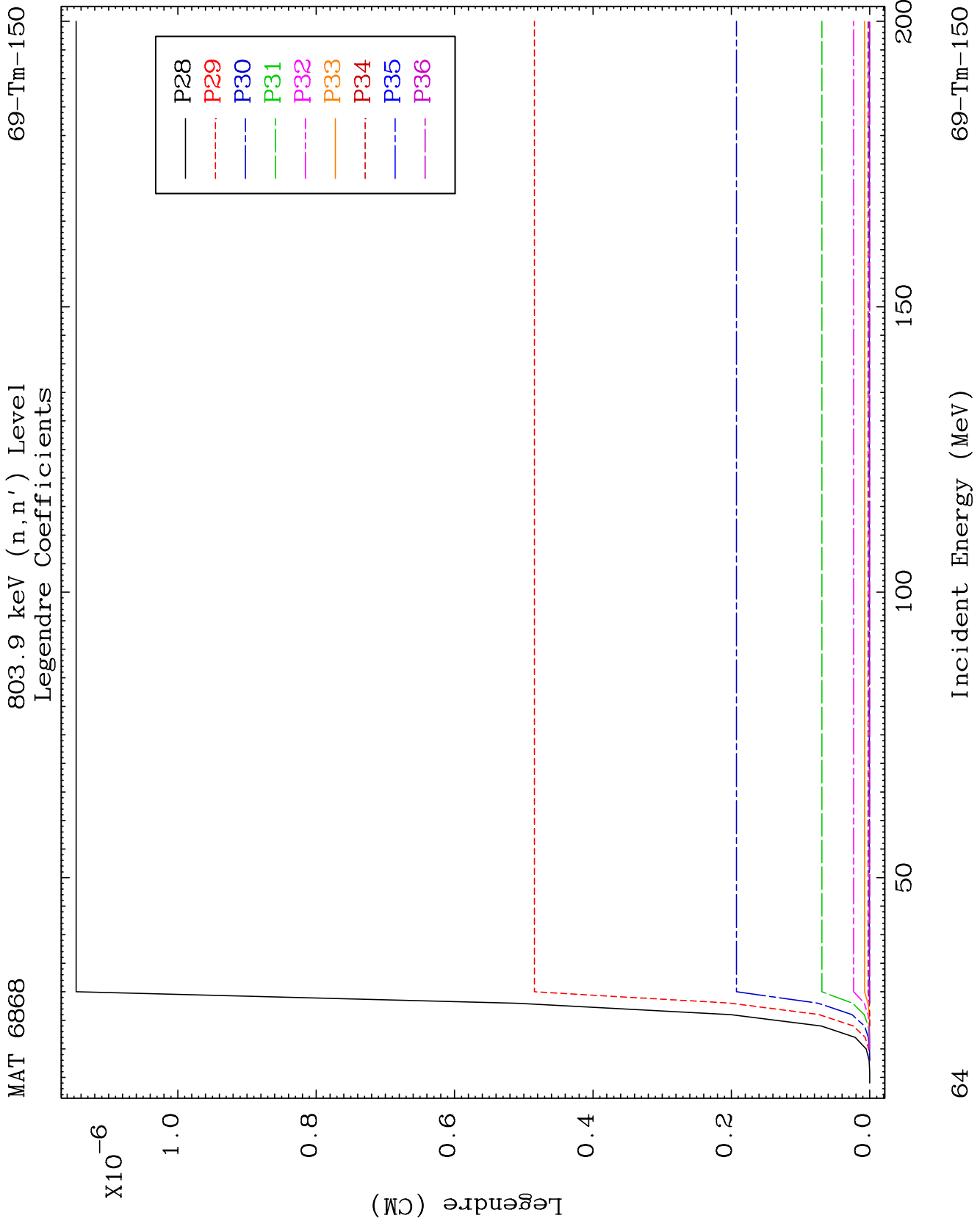


69-Tm-150

Incident Energy (MeV)

62

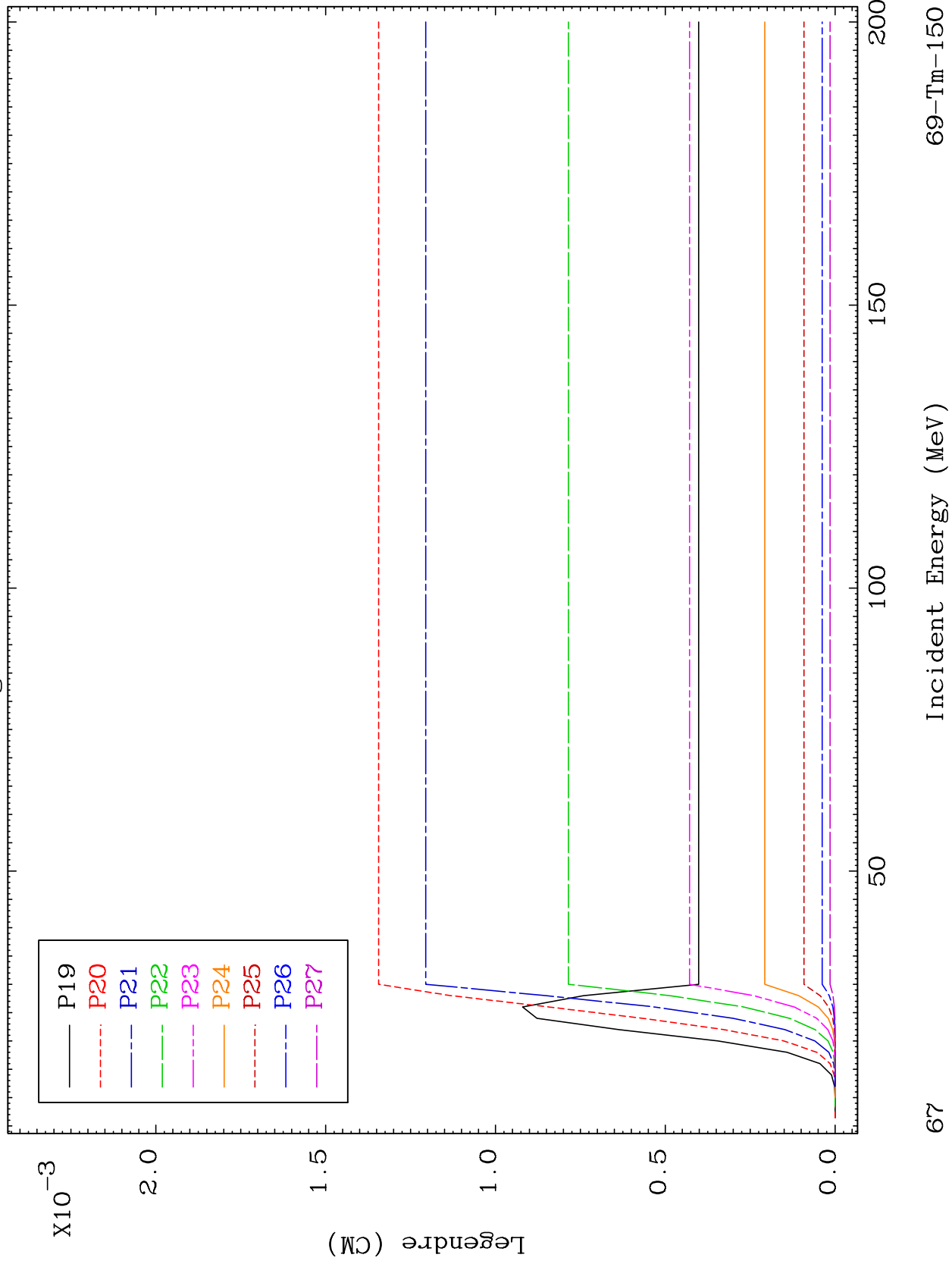




MAT 6868

833.7 keV (n,n') Level
Legendre Coefficients

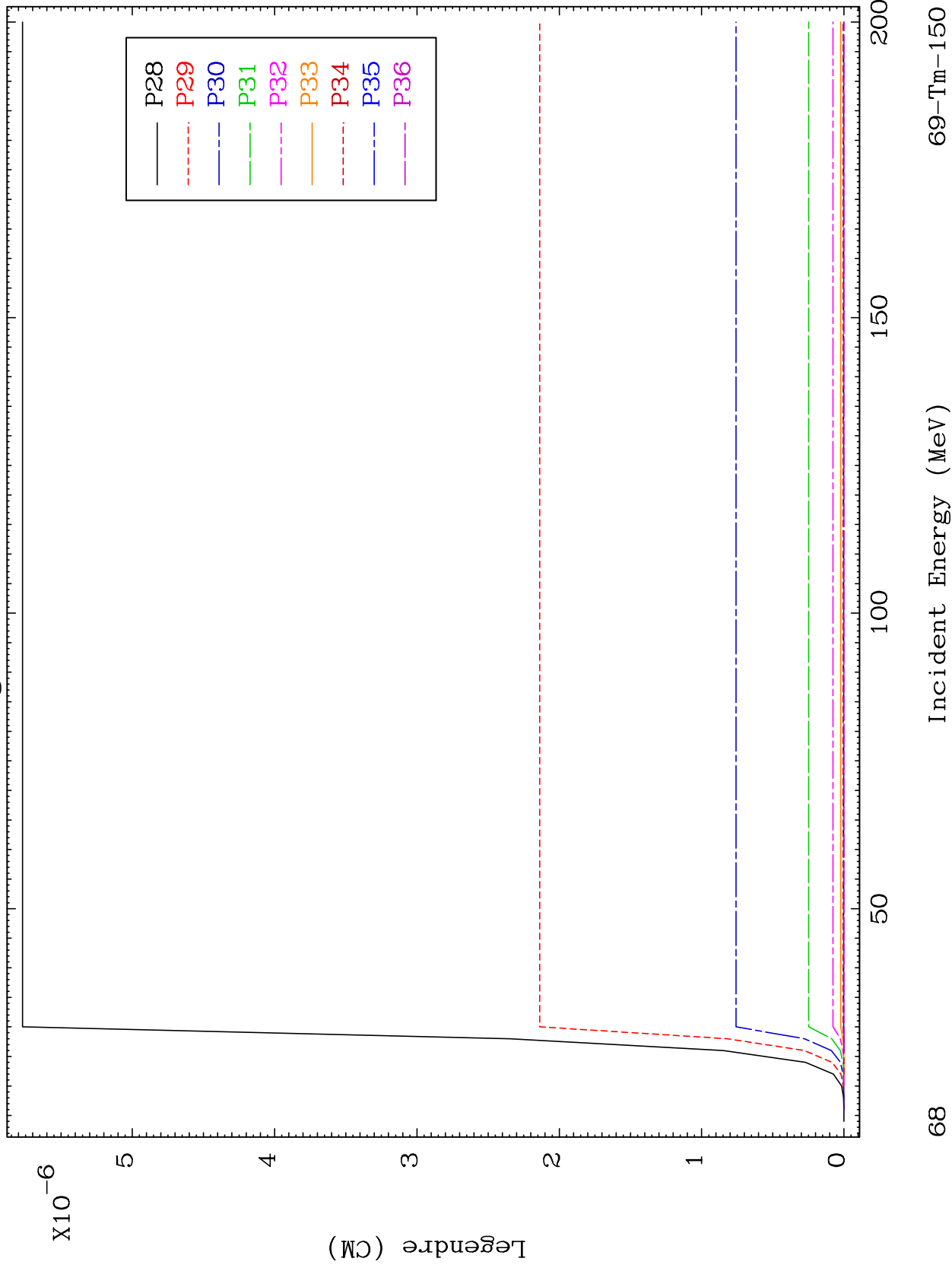
69-Tm-150



MAT 6868

833.7 keV (n,n') Level
Legendre Coefficients

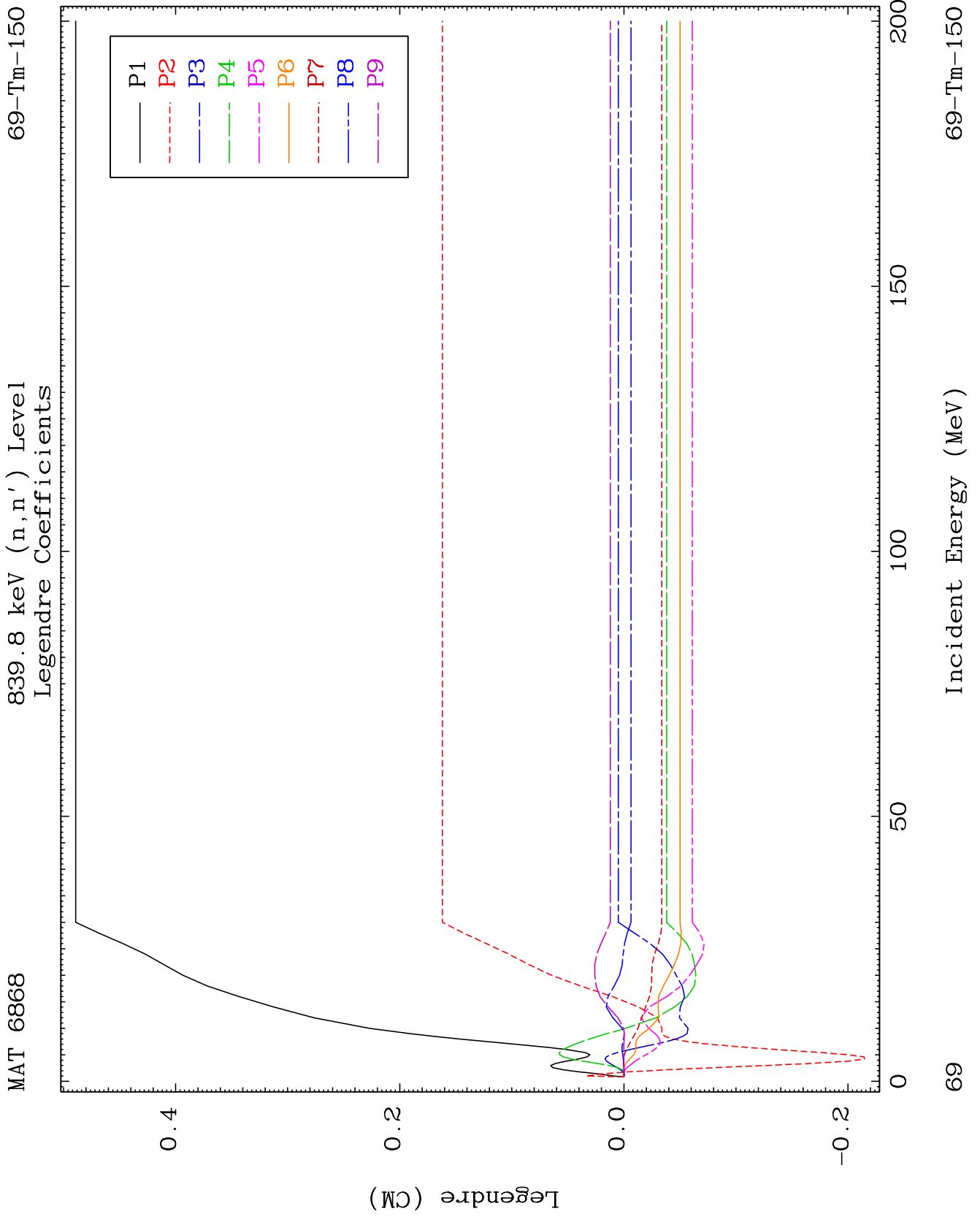
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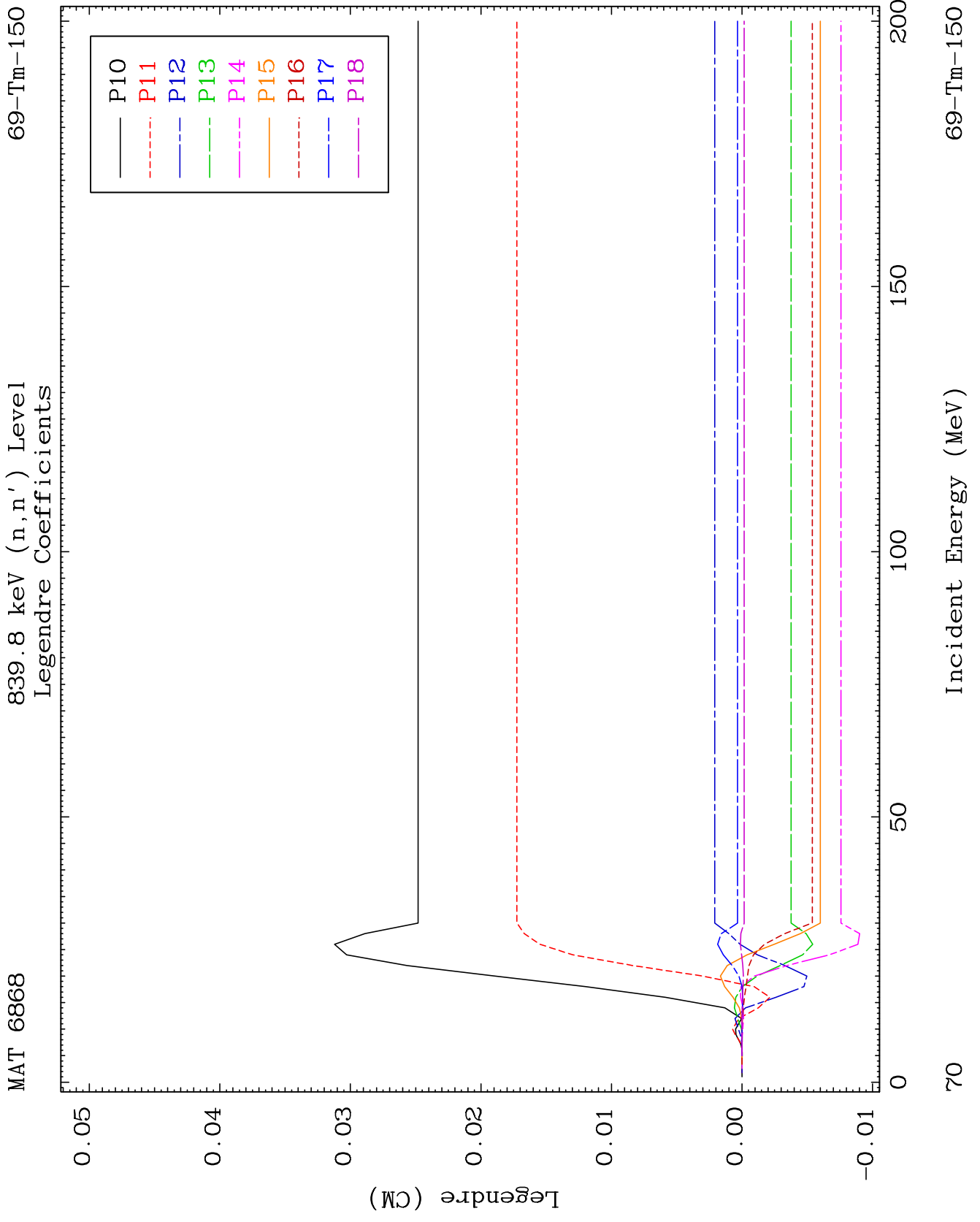


68

Incident Energy (MeV)

69-Tm-150

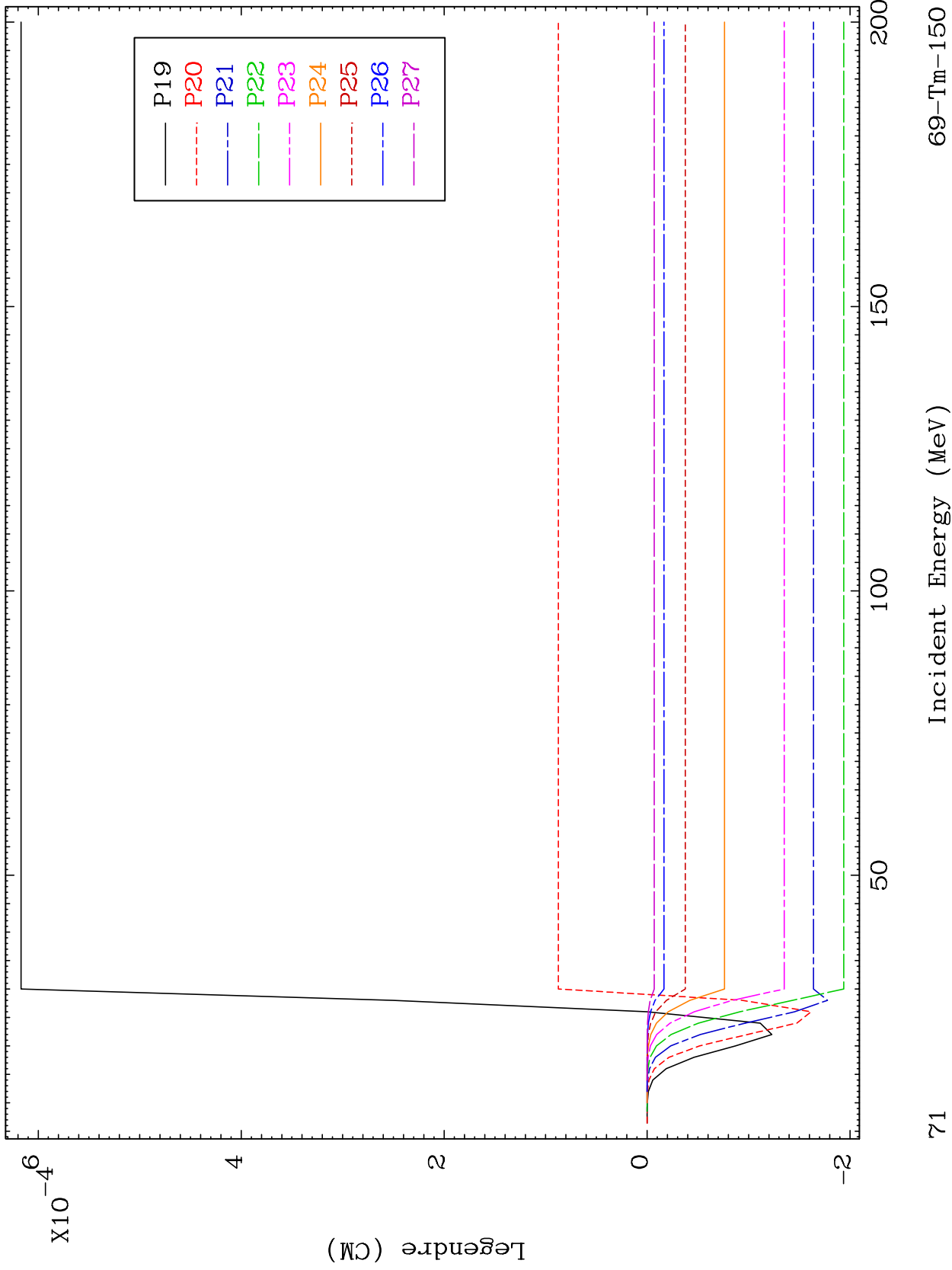


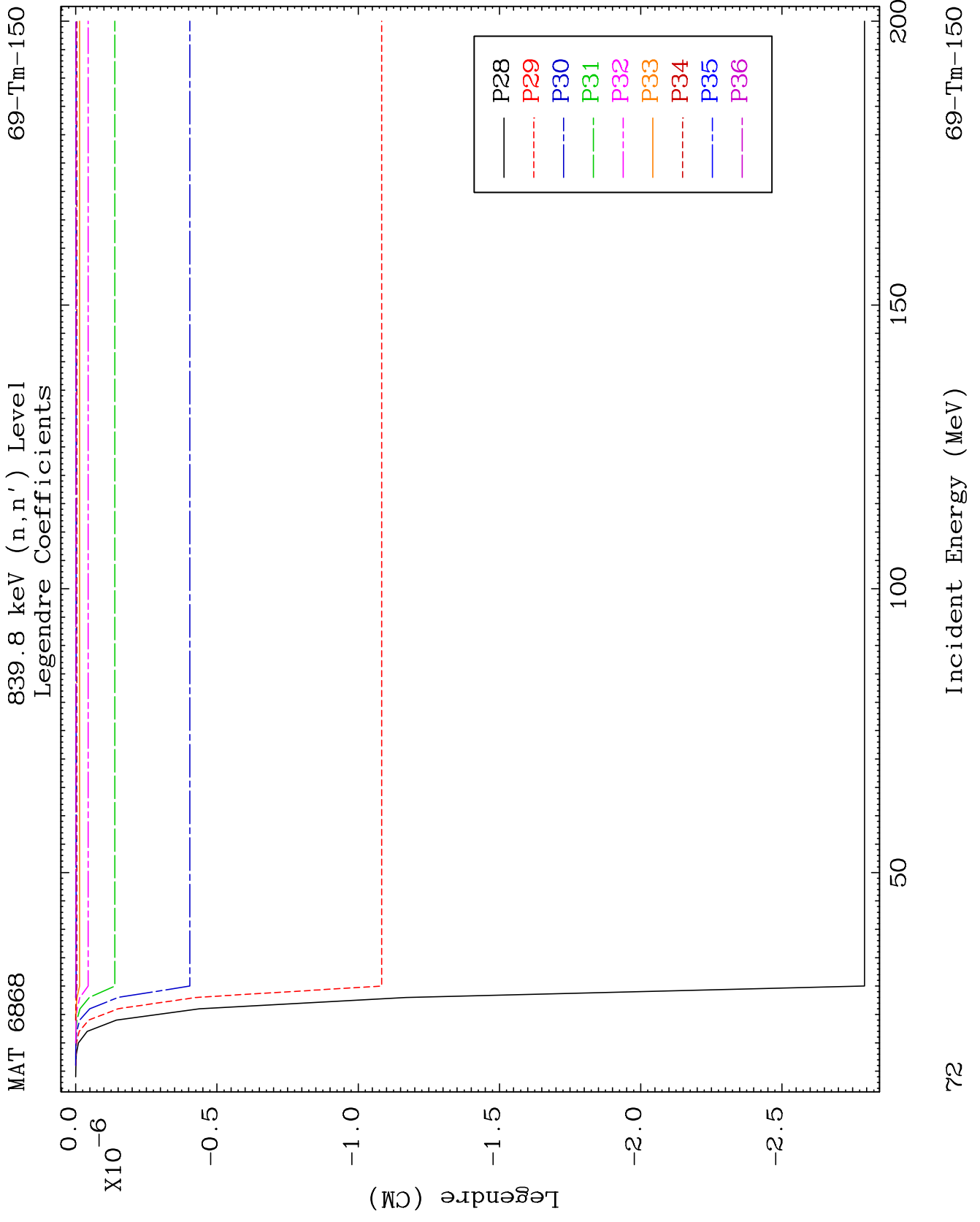


MAT 6868

839.8 keV (n,n') Level
Legendre Coefficients

69-Tm-150

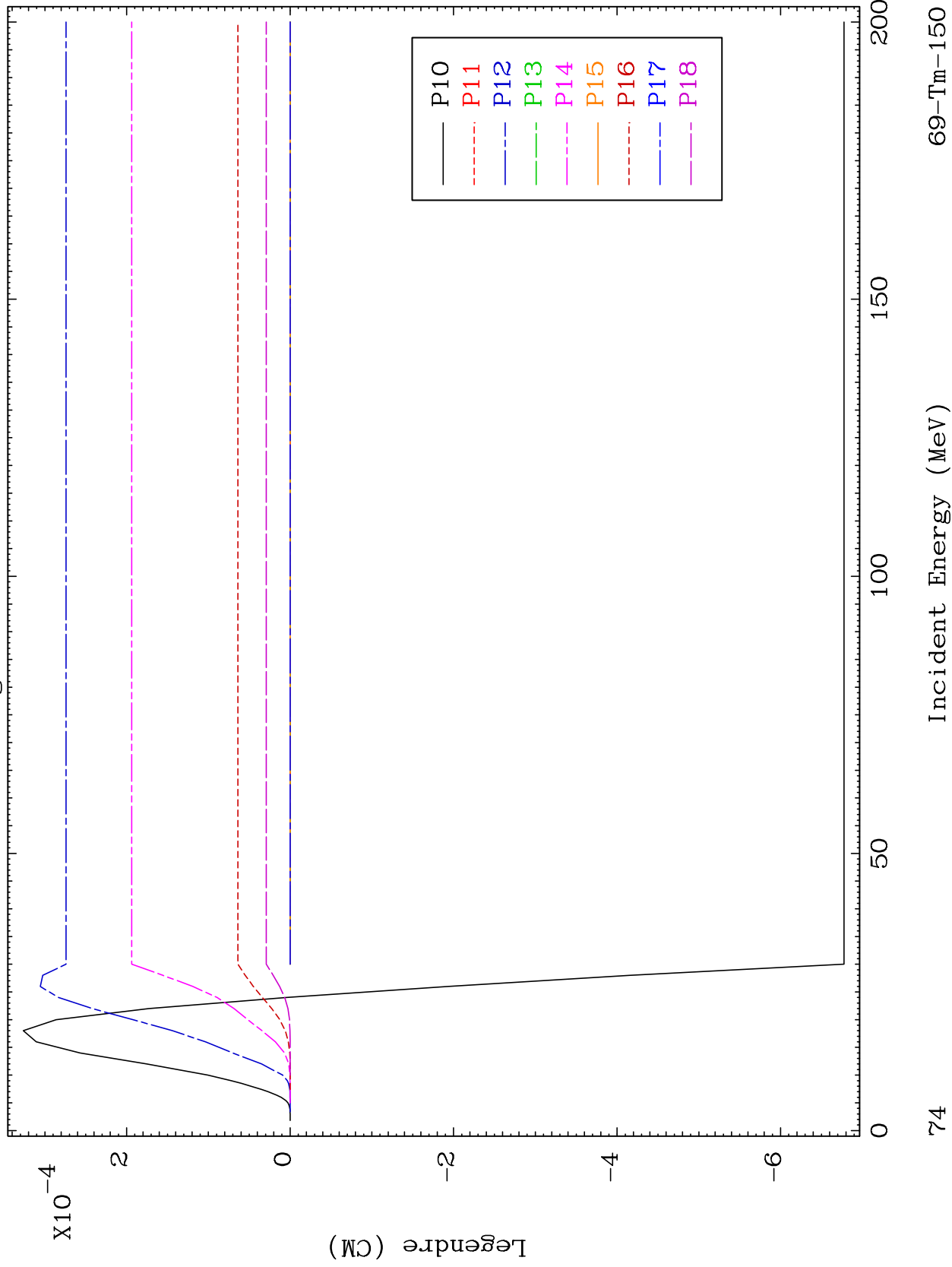




MAT 6868

844.9 keV (n,n') Level
Legendre Coefficients

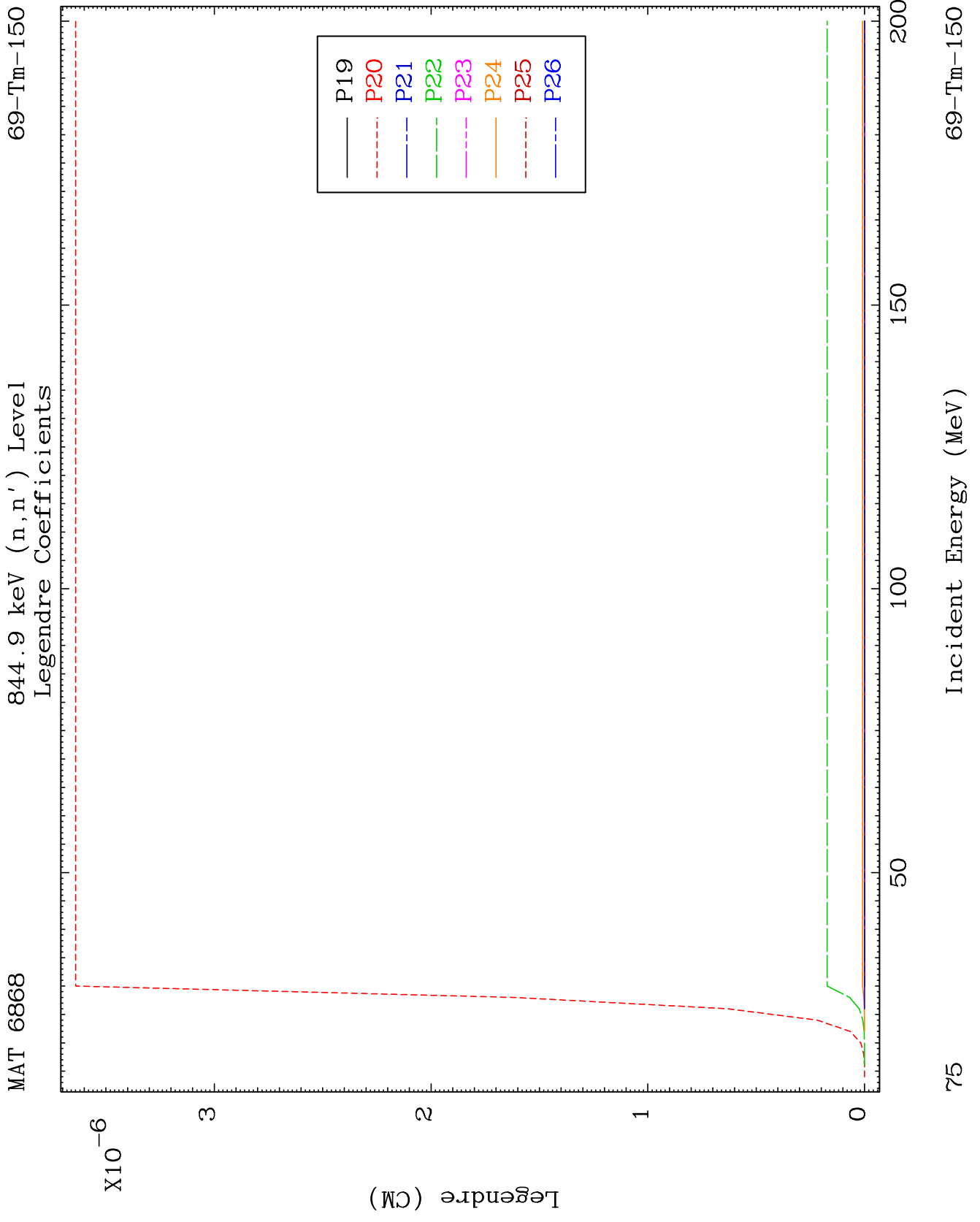
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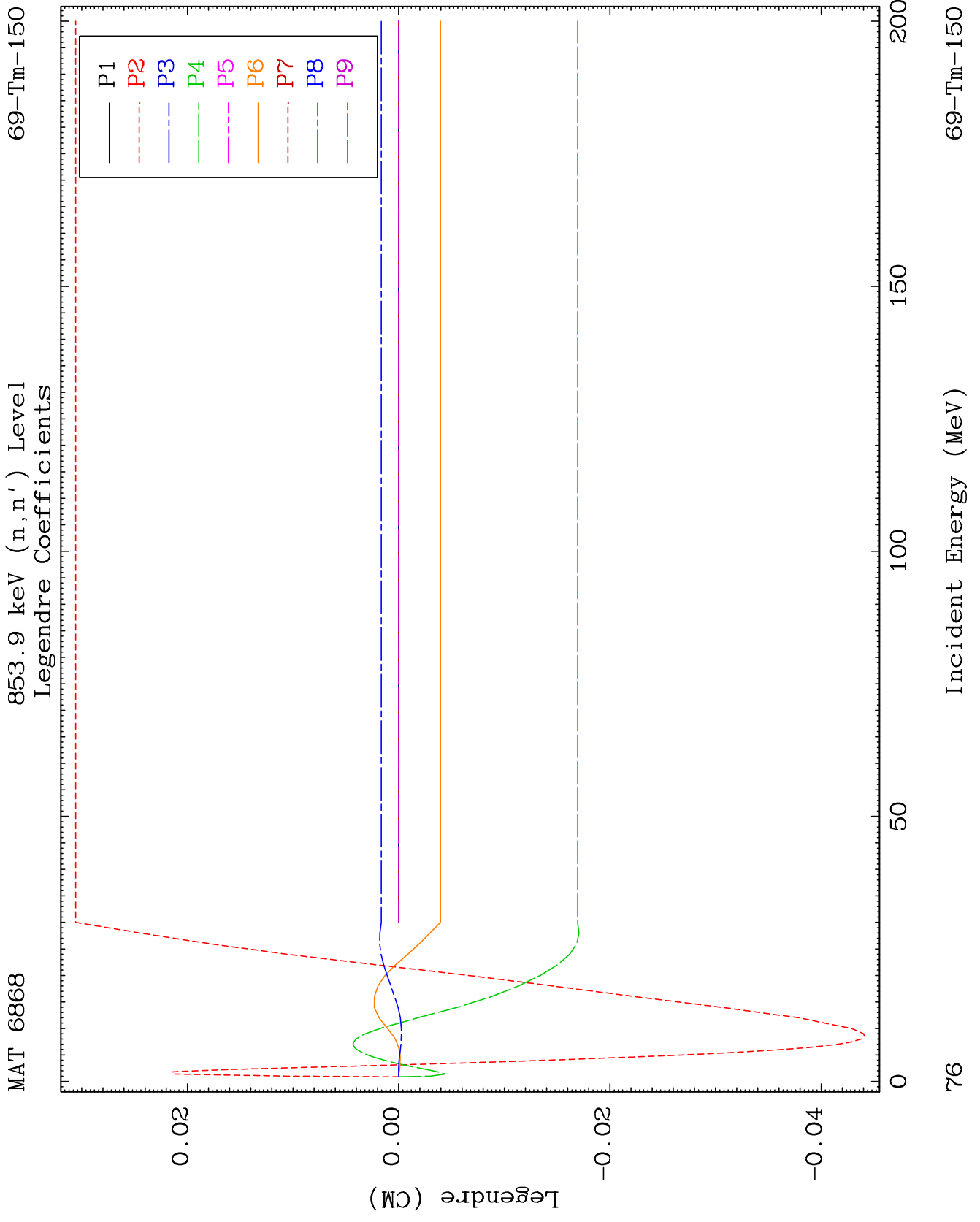


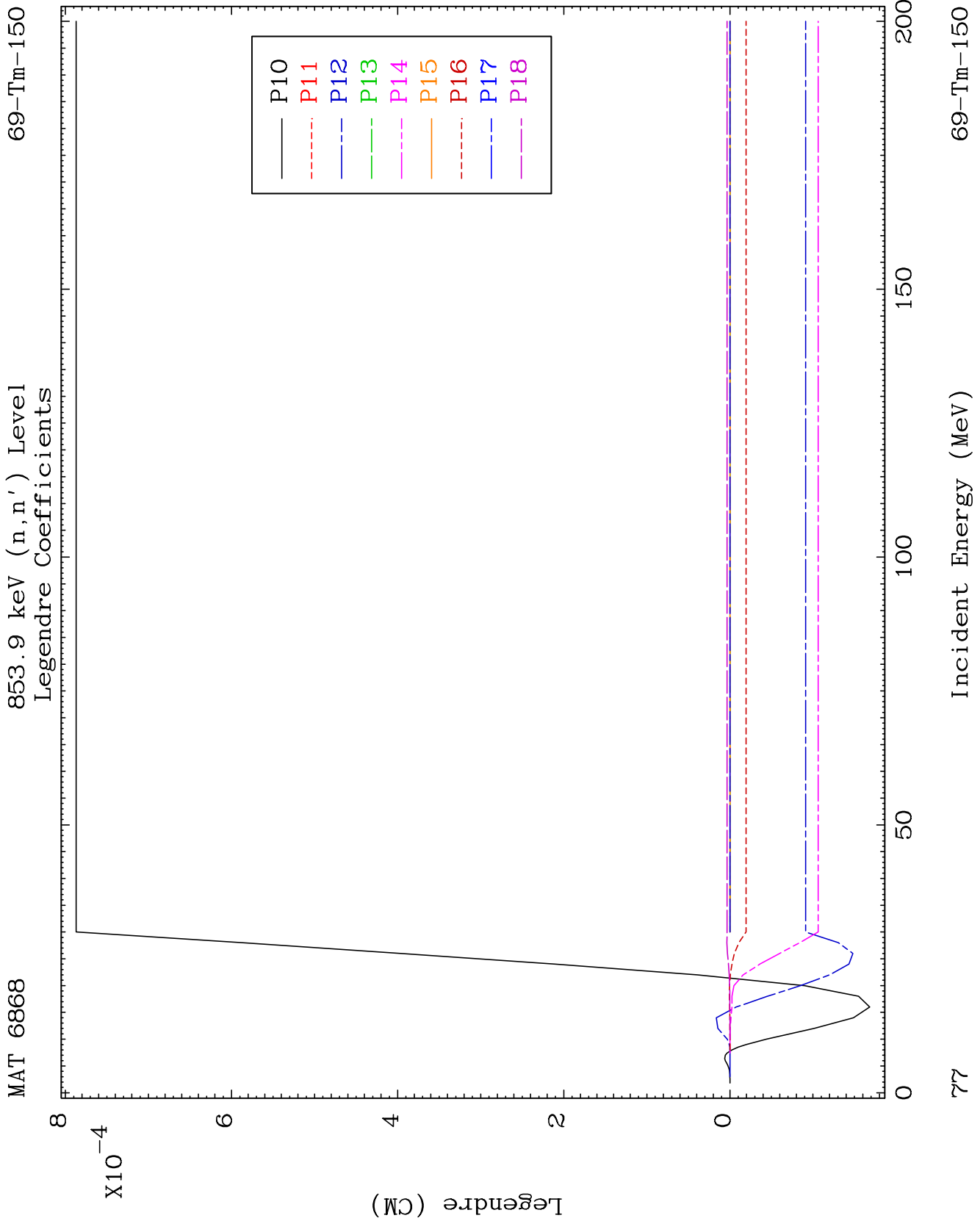
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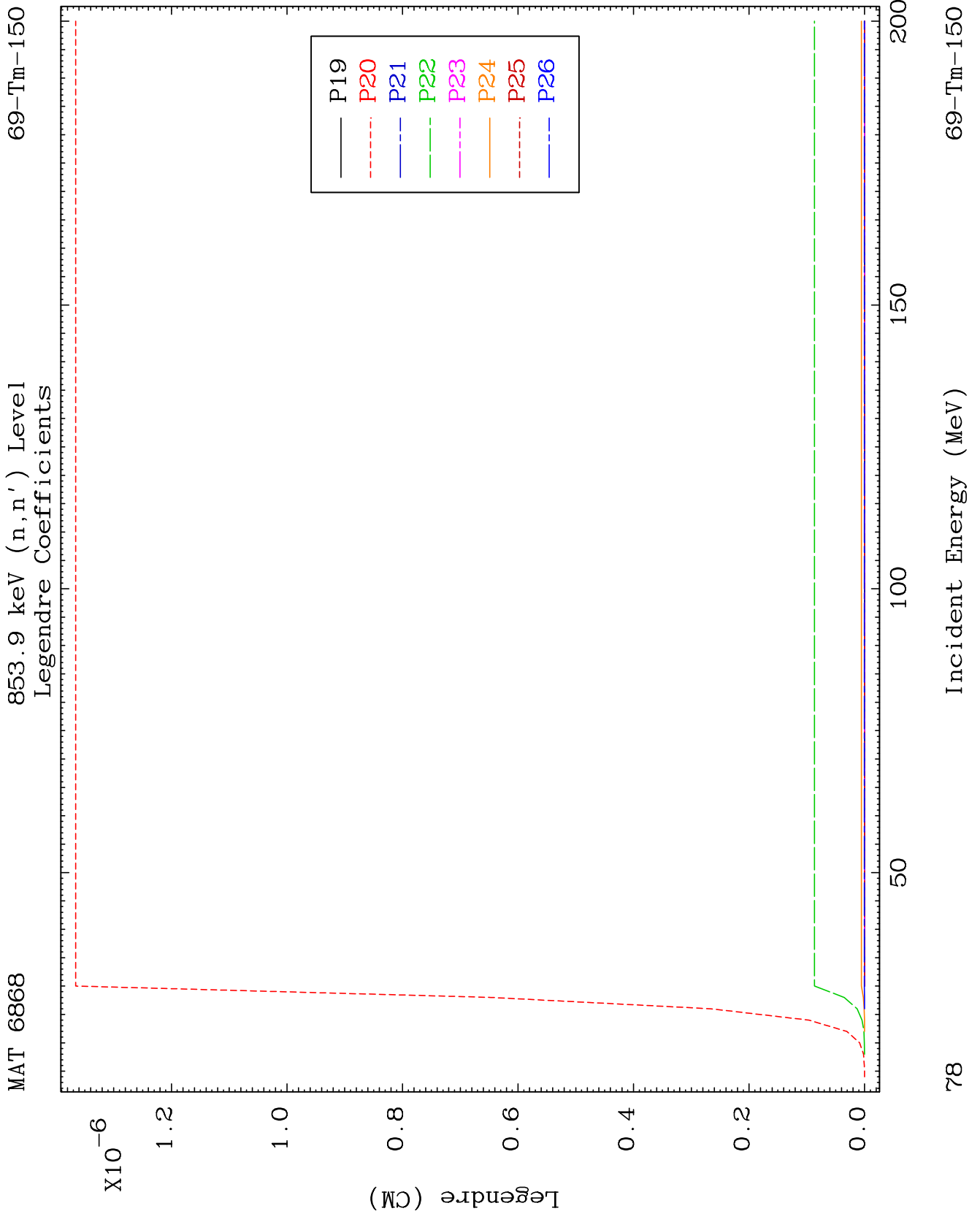
Incident Energy (MeV)

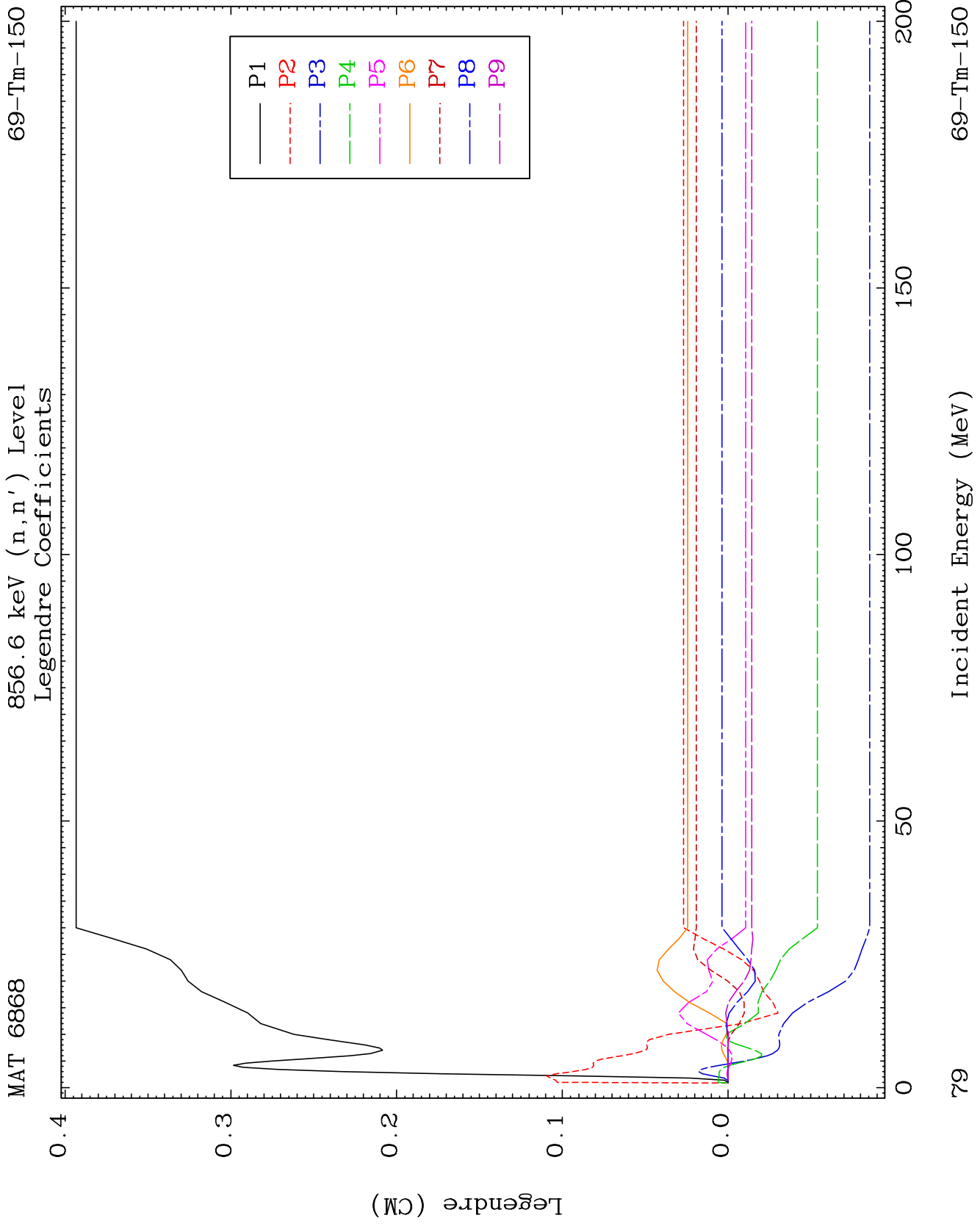
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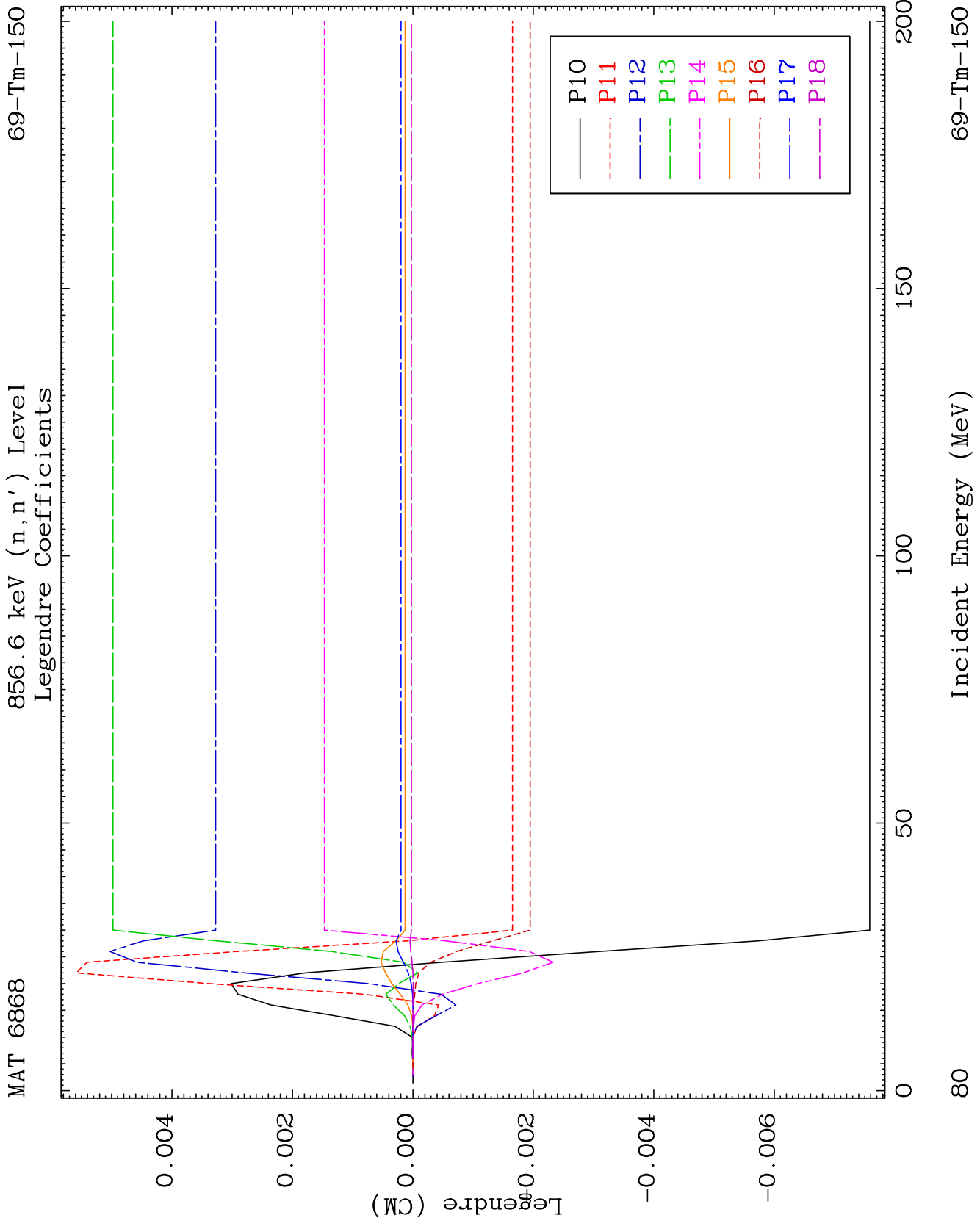








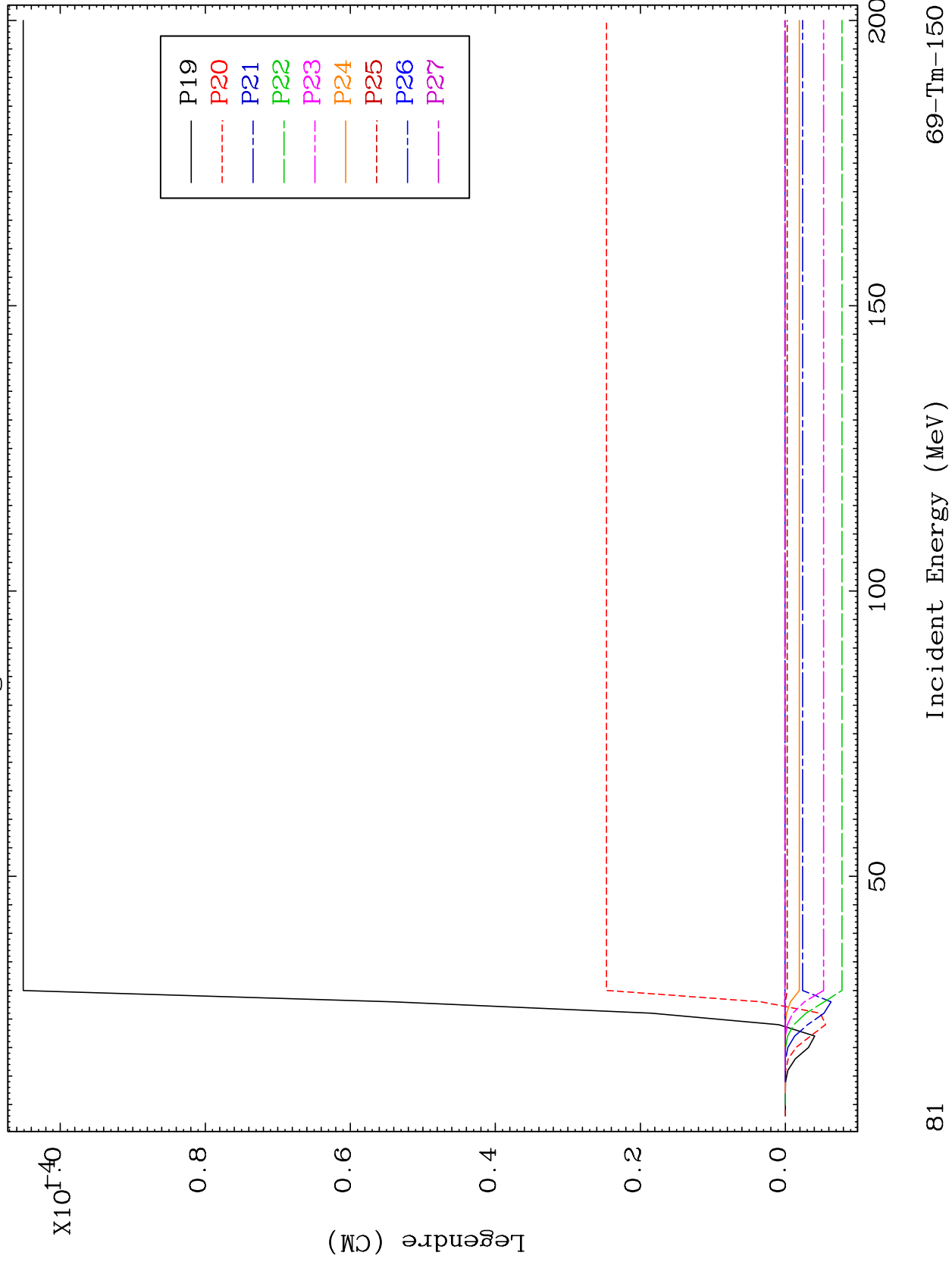




MAT 6868

856.6 keV (n,n') Level
Legendre Coefficients

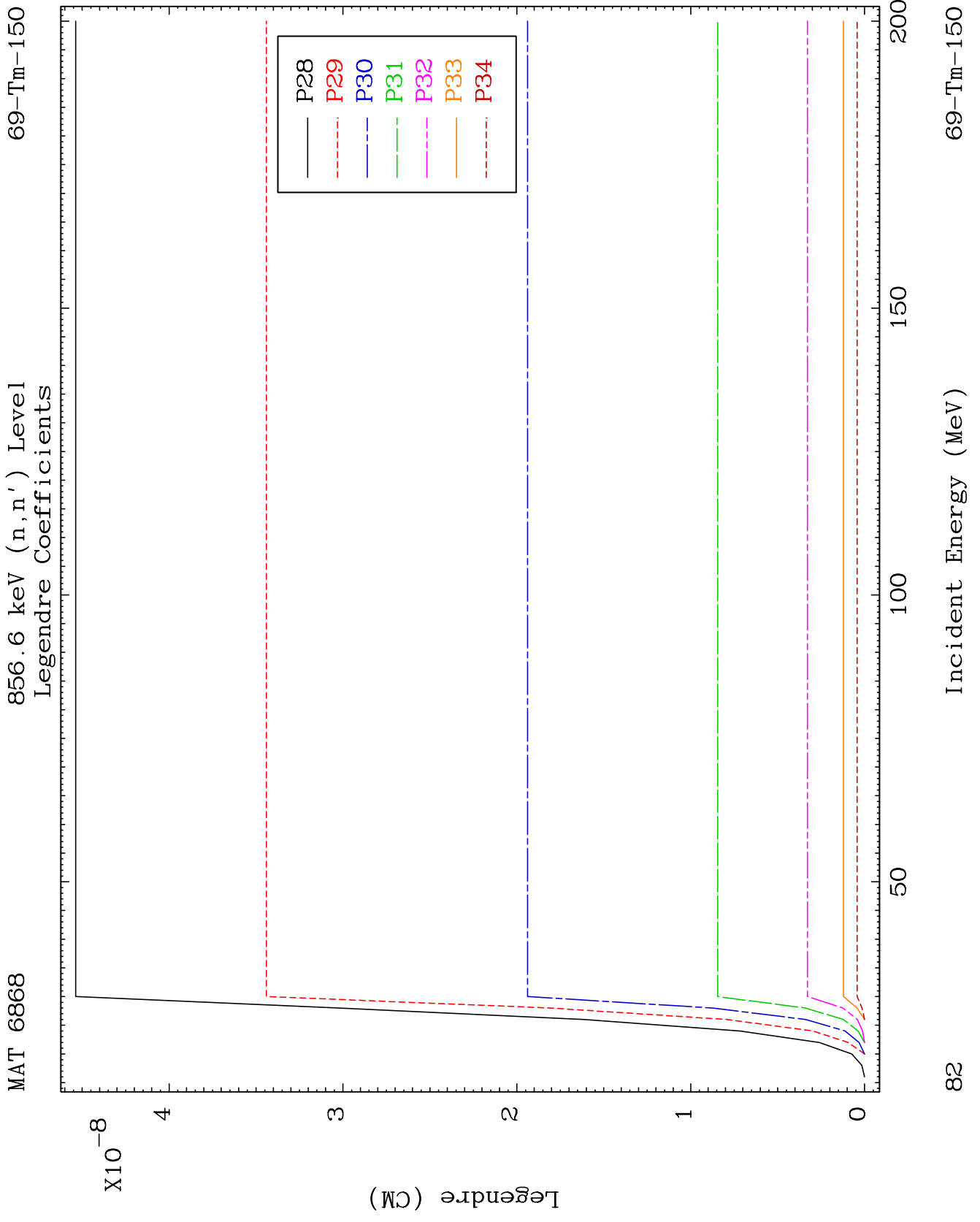
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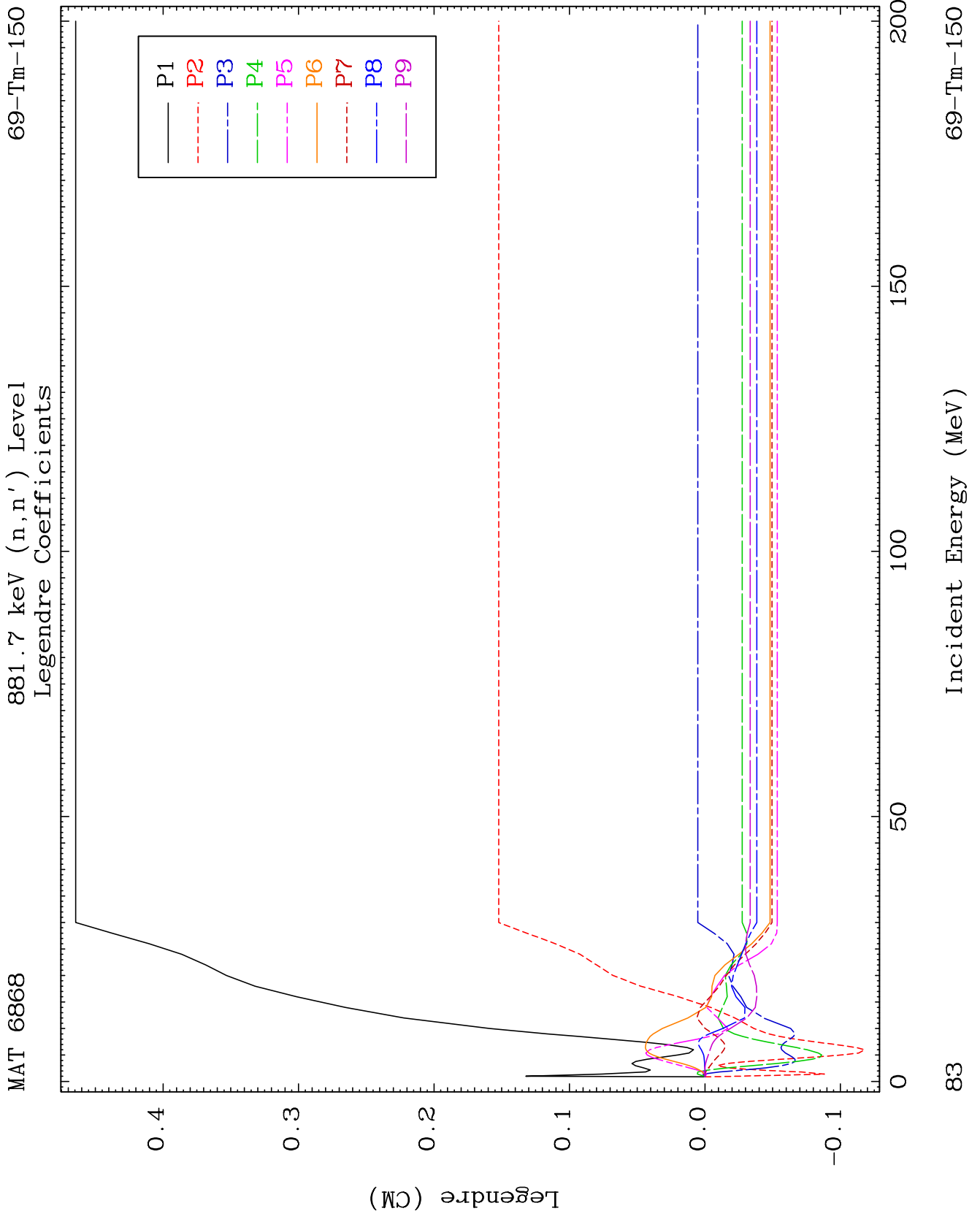


81

Incident Energy (MeV)

69-Tm-150

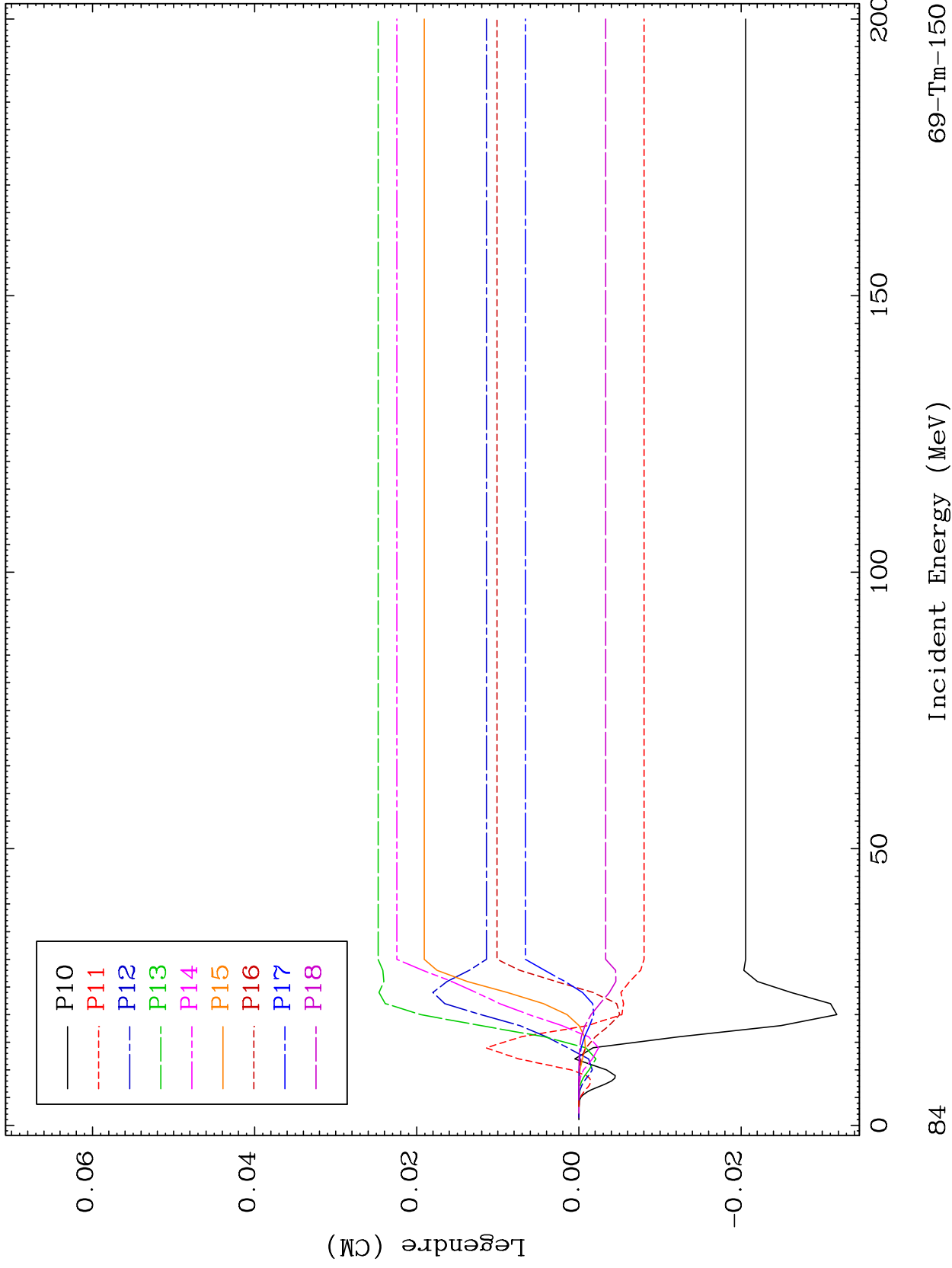




MAT 6868

881.7 keV (n,n') Level
Legendre Coefficients

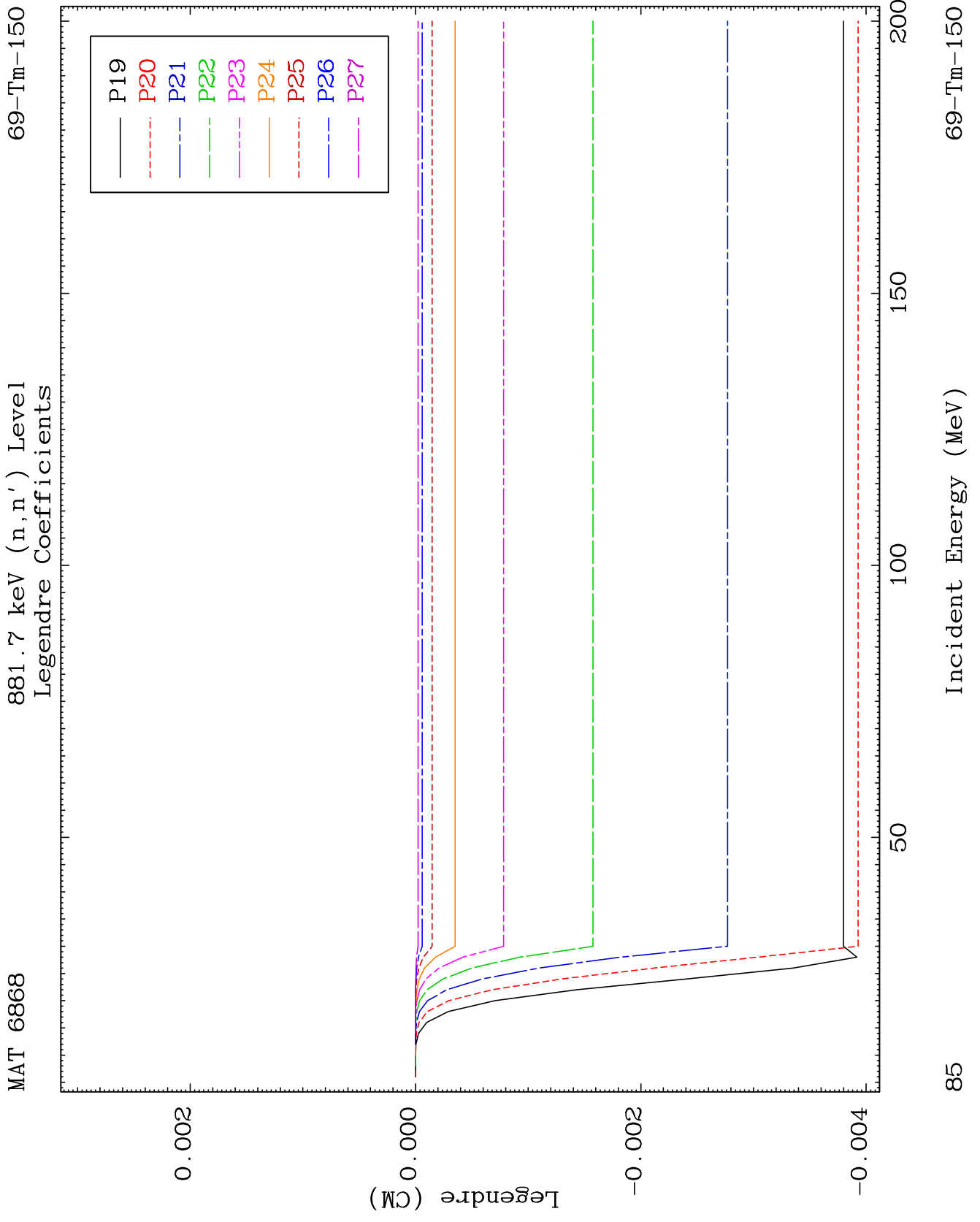
69-Tm-150

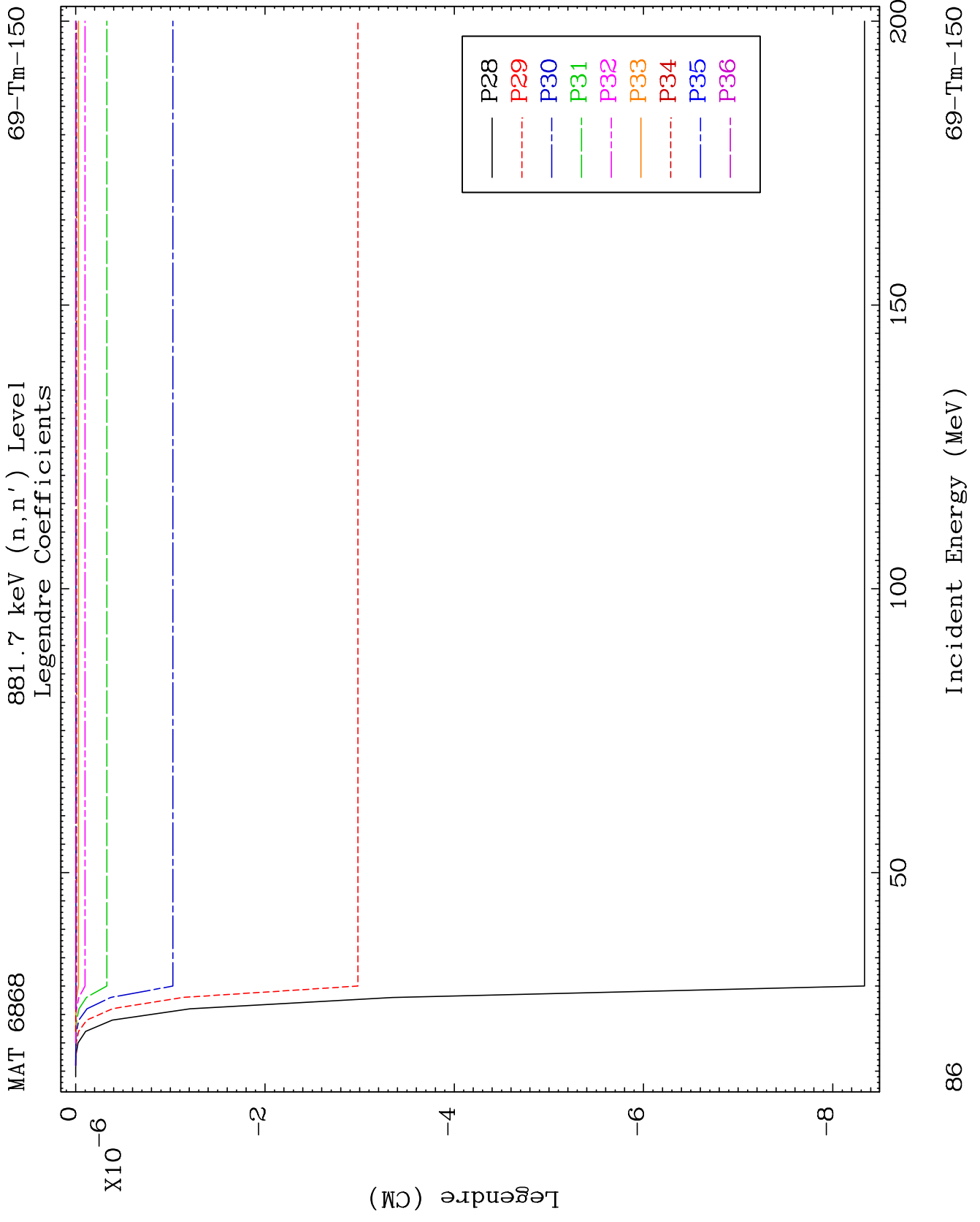


84

Incident Energy (MeV)

69-Tm-150



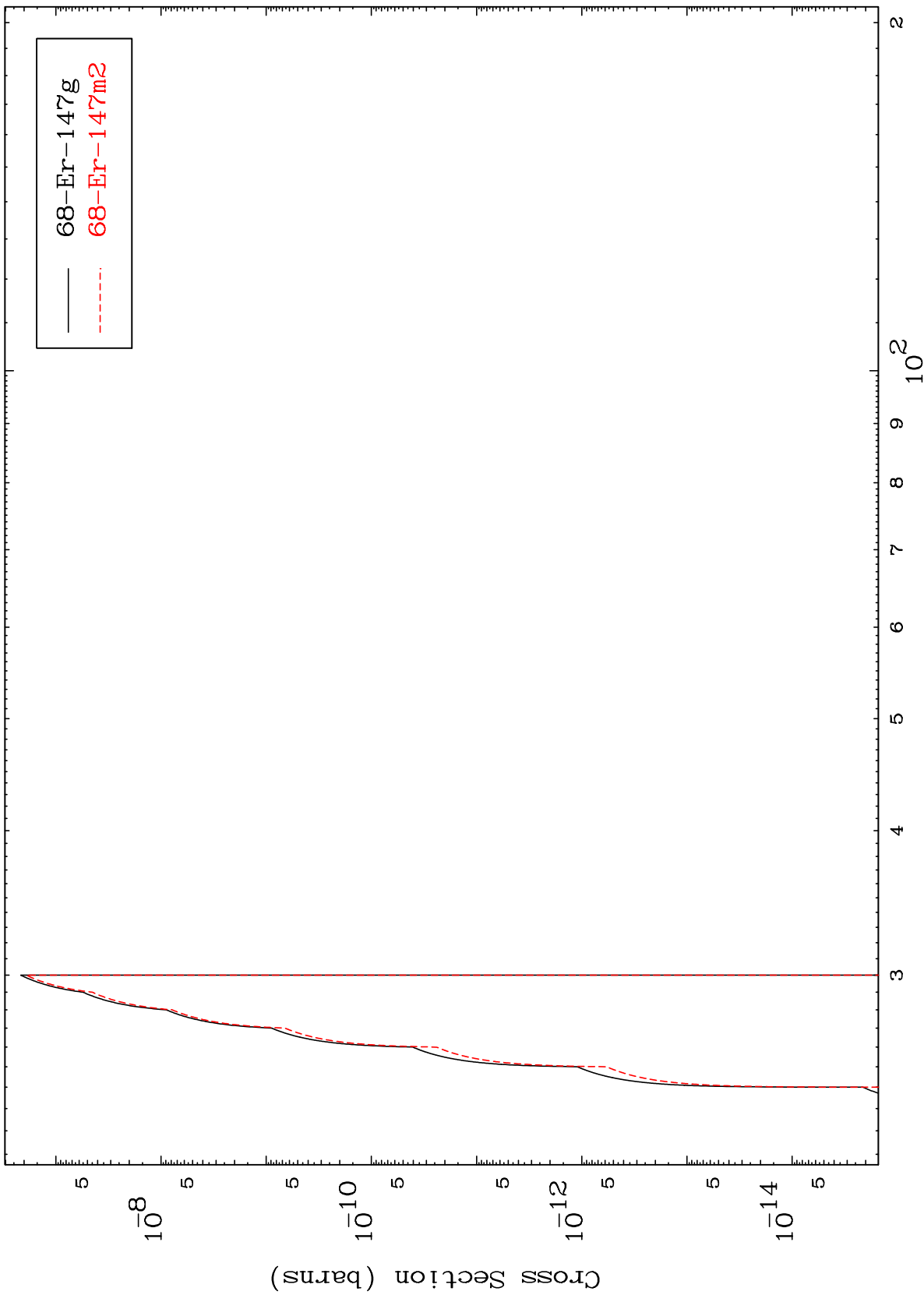


MAT 6868

(n,2n) d

69-Tm-150

Radionuclide Production Cross Section



87

Incident Energy (MeV)

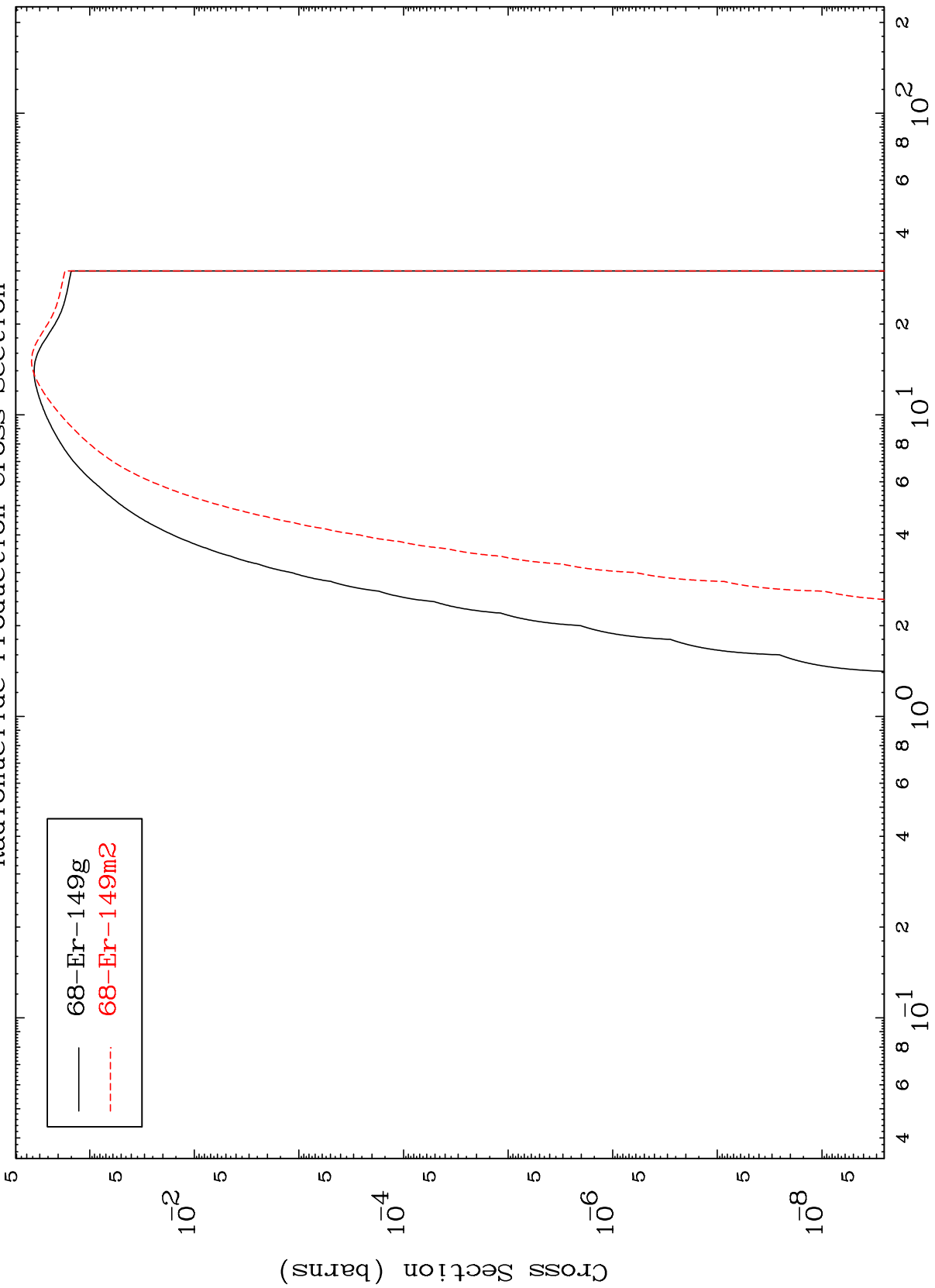
69-Tm-150

MAT 6868

(n,n') p

69-Tm-150

Radionuclide Production Cross Section



88

Incident Energy (MeV)

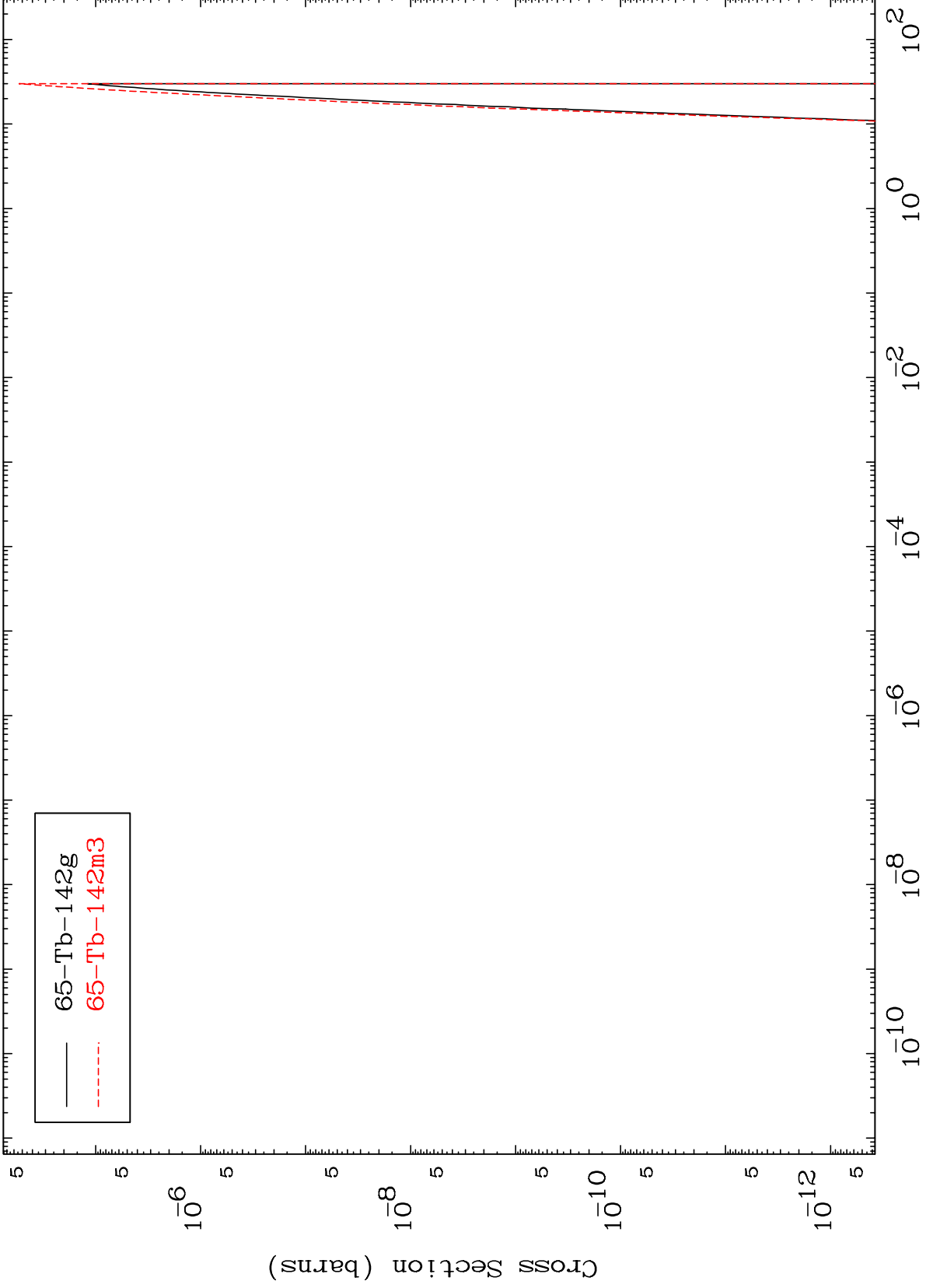
69-Tm-150

MAT 6868

(n,n') 2α

69-Tm-150

Radionuclide Production Cross Section



89

Incident Energy (MeV)

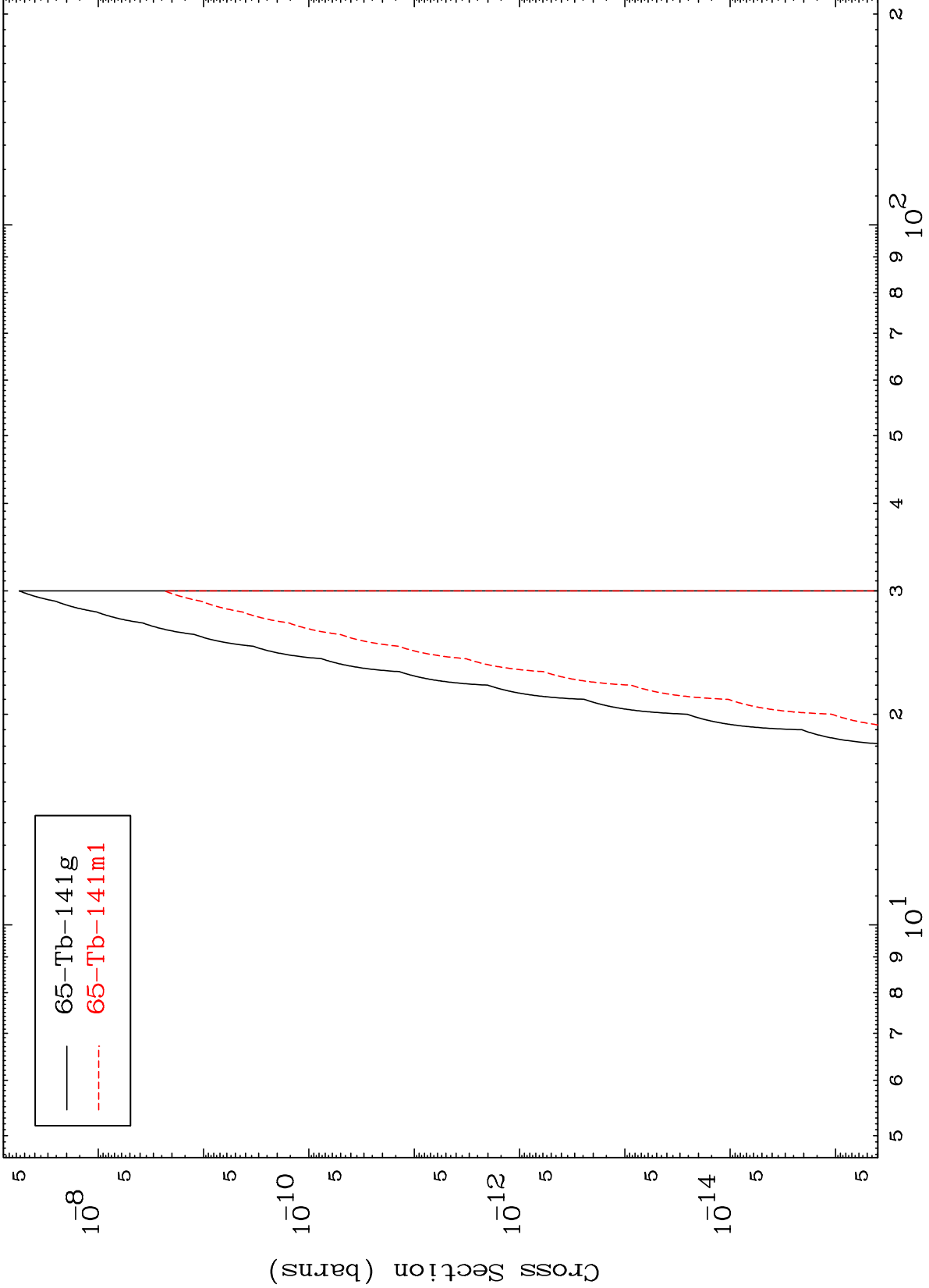
69-Tm-150

MAT 6868

$(n, 2n)$ 2α

69-Tm-150

Radionuclide Production Cross Section



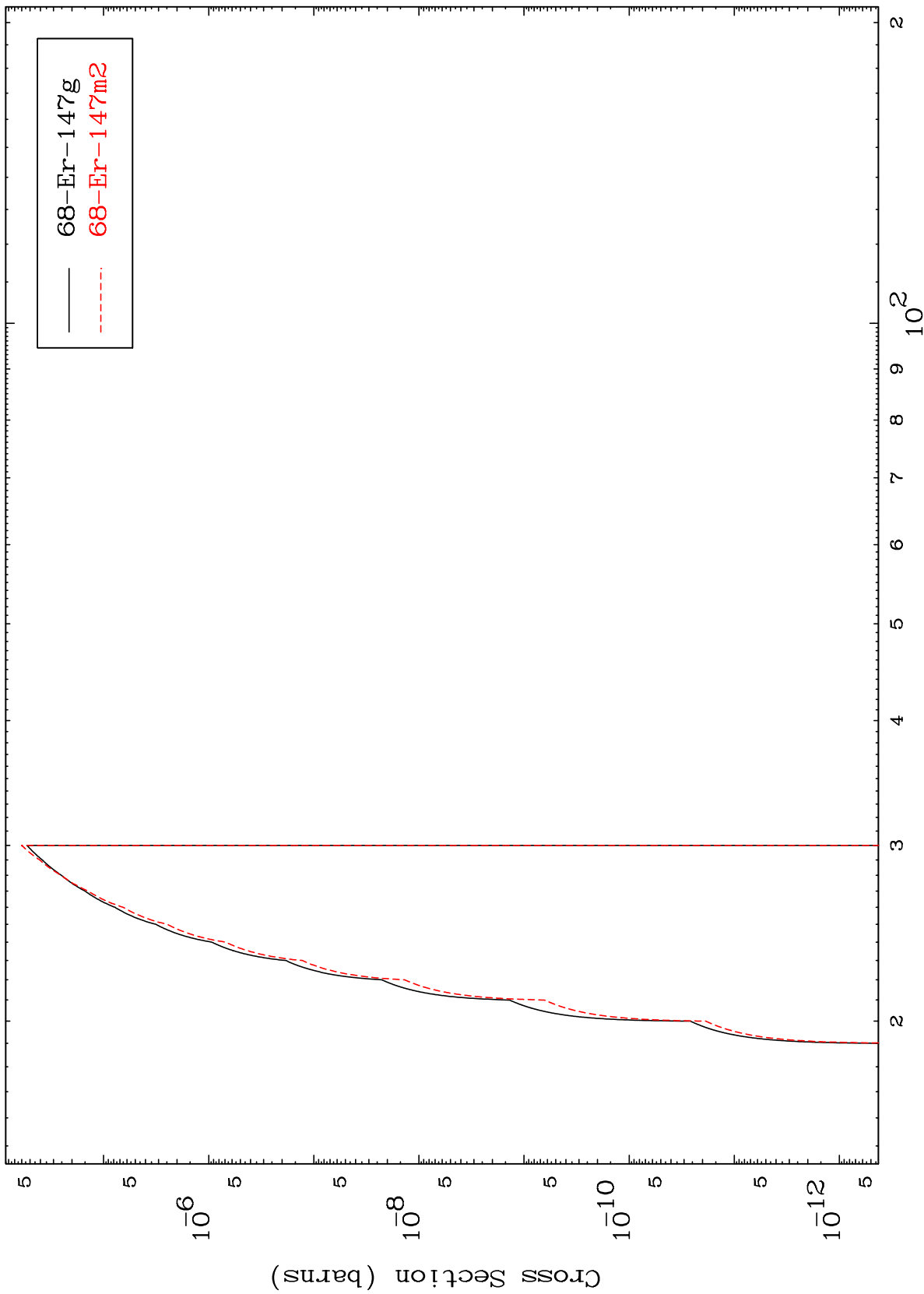
65-Tb-141g
65-Tb-141m1

90

Incident Energy (MeV)

69-Tm-150

Radionuclide Production Cross Section

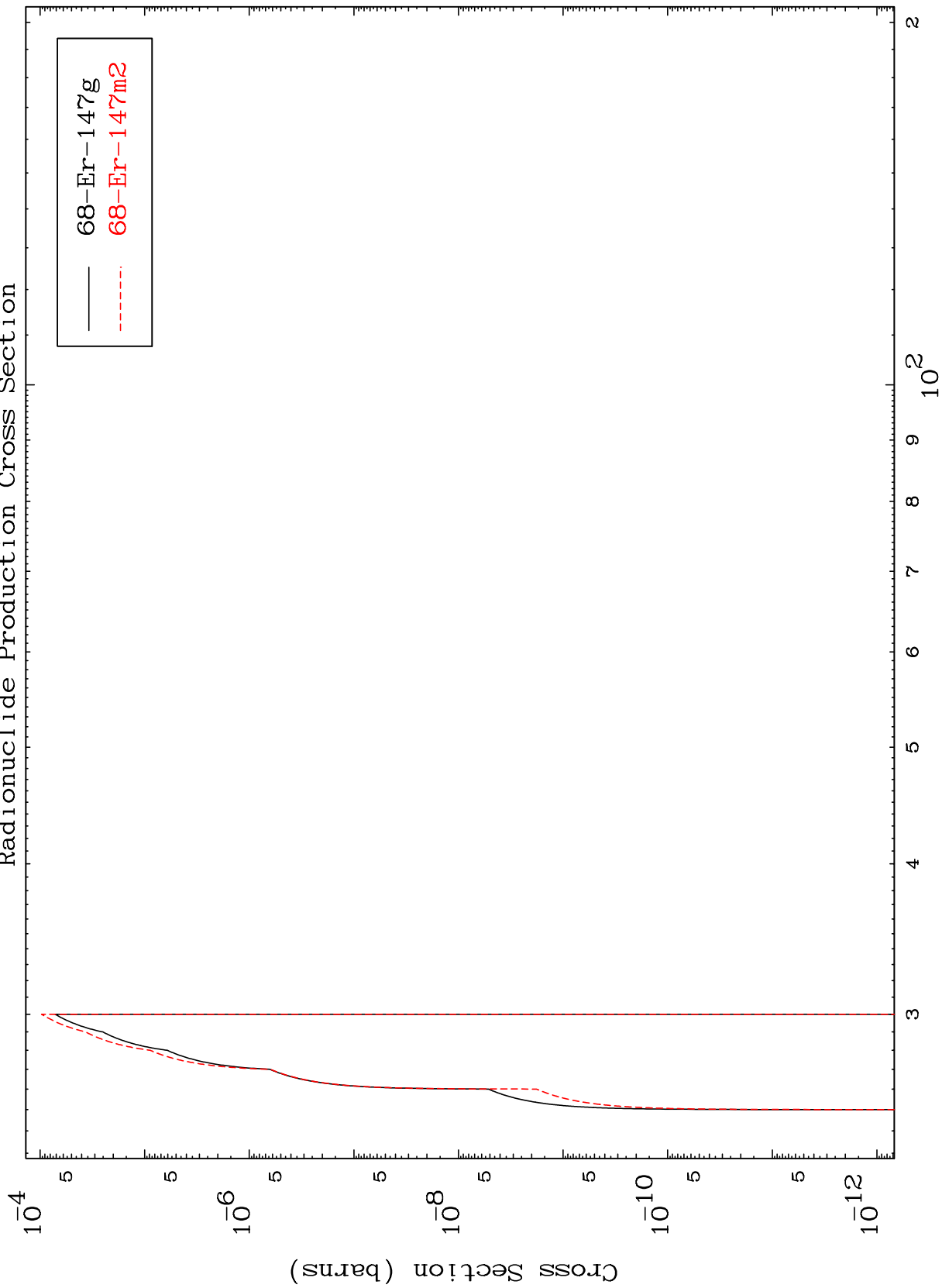


MAT 6868

(n,3n) p

69-Tm-150

Radionuclide Production Cross Section



92

Incident Energy (MeV)

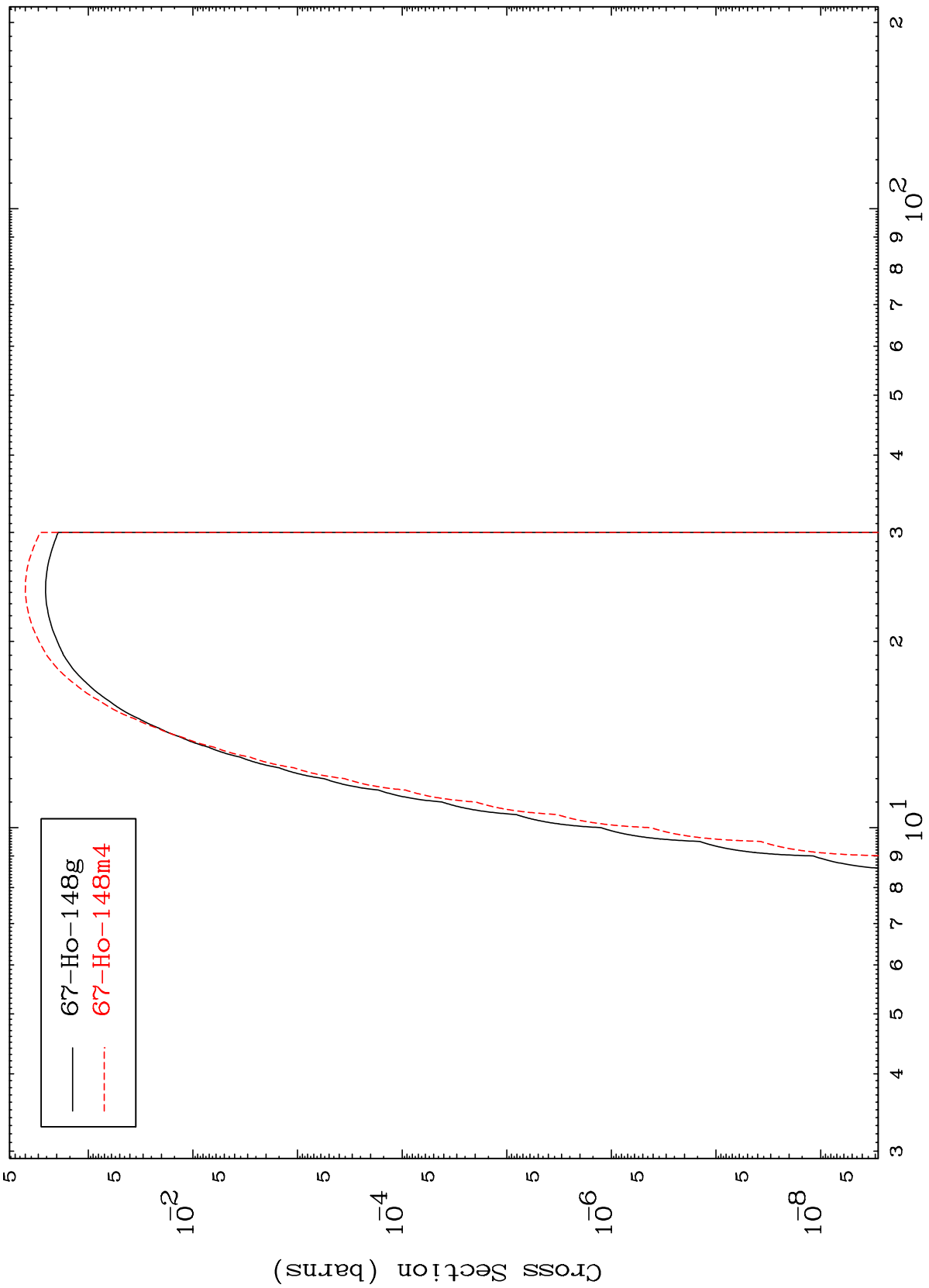
69-Tm-150

MAT 6868

$(n,2n)$ p

$^{69}\text{Tm}-150$

Radionuclide Production Cross Section



— $^{67}\text{Ho}-148\text{g}$
- - - $^{67}\text{Ho}-148\text{m}4$

93

Incident Energy (MeV)

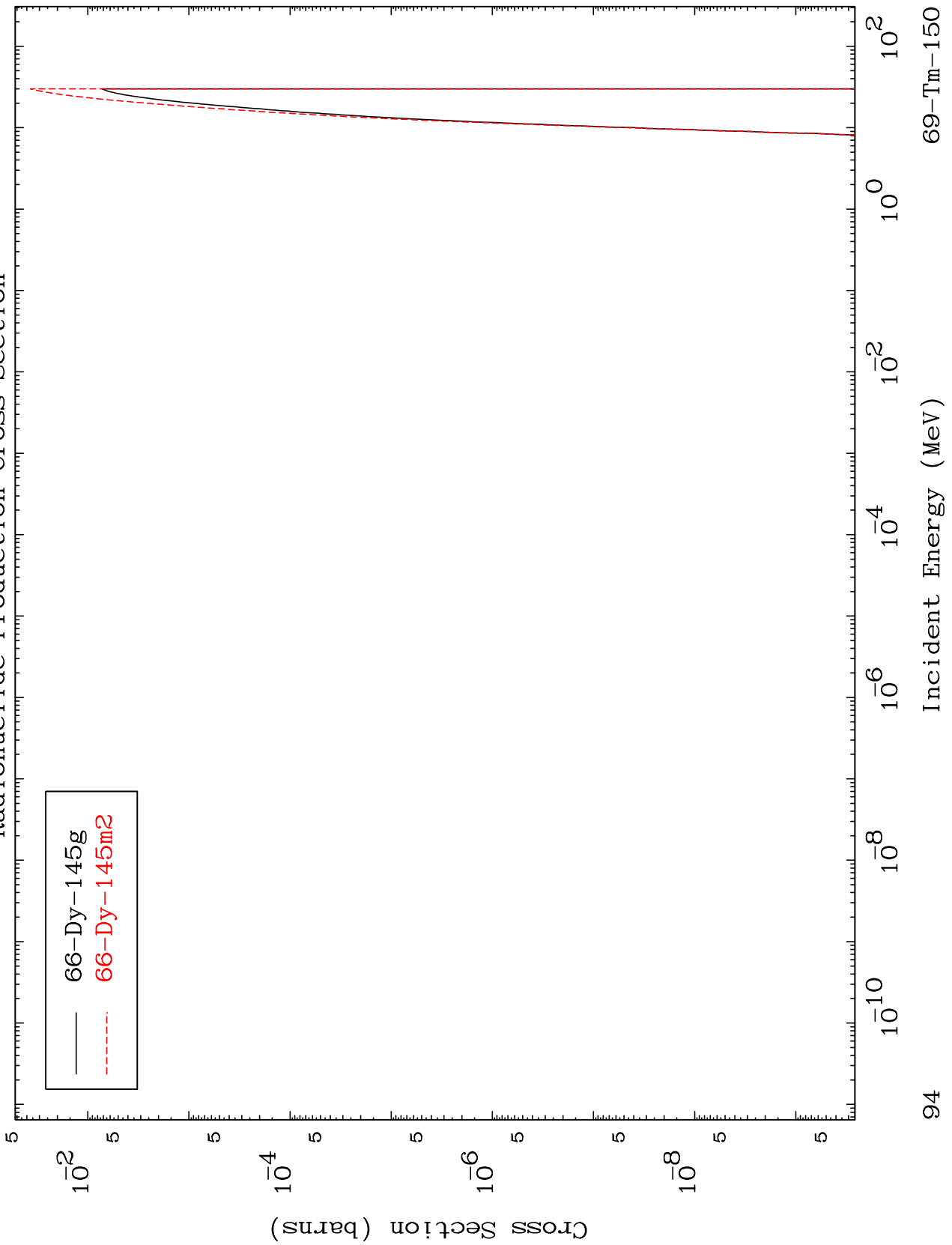
$^{69}\text{Tm}-150$

MAT 6868

(n,n') p α

69-Tm-150

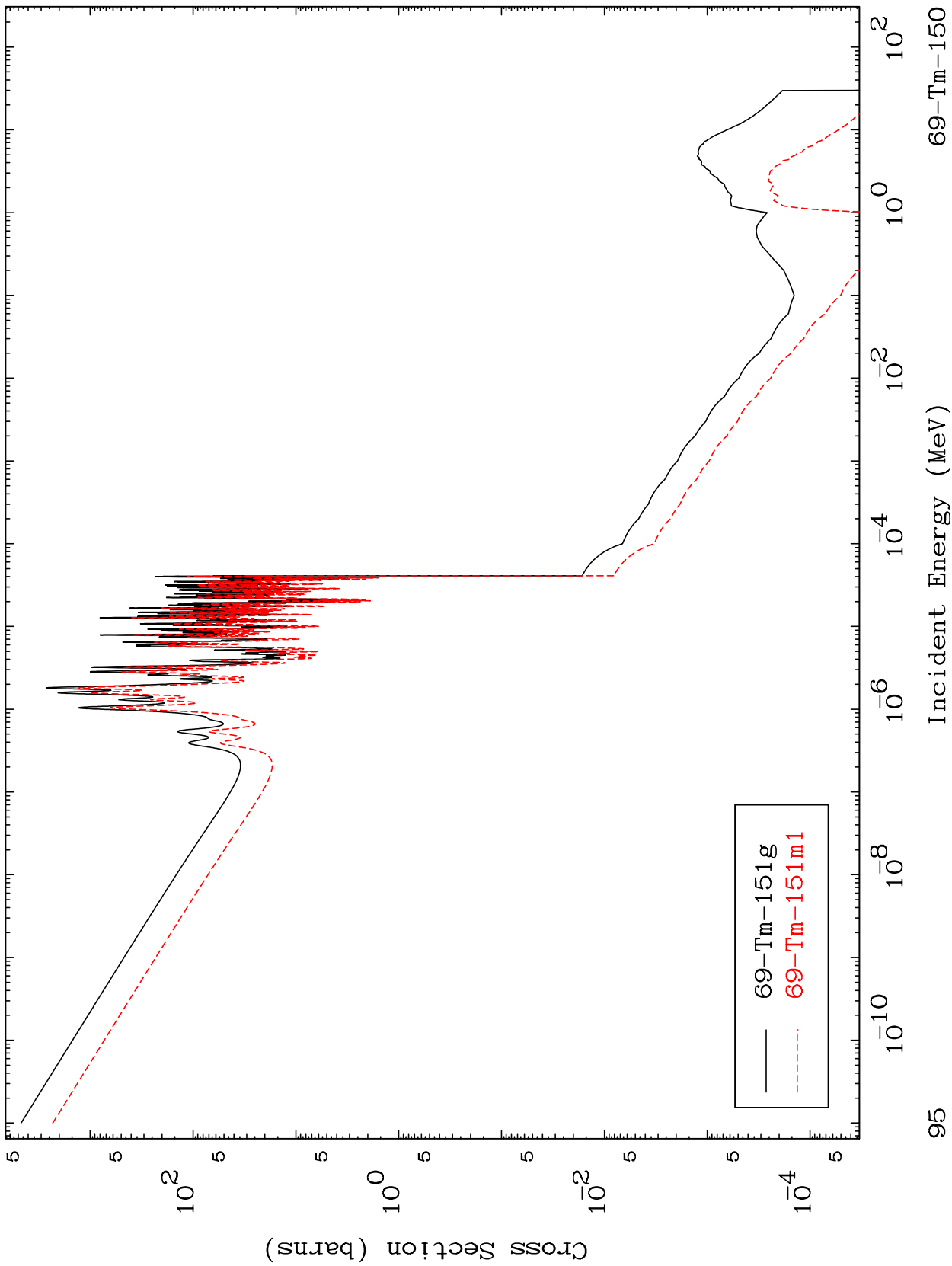
Radionuclide Production Cross Section



MAT 6868

$^{69}\text{Tm-150}$

(n,γ)
Radionuclide Production Cross Section

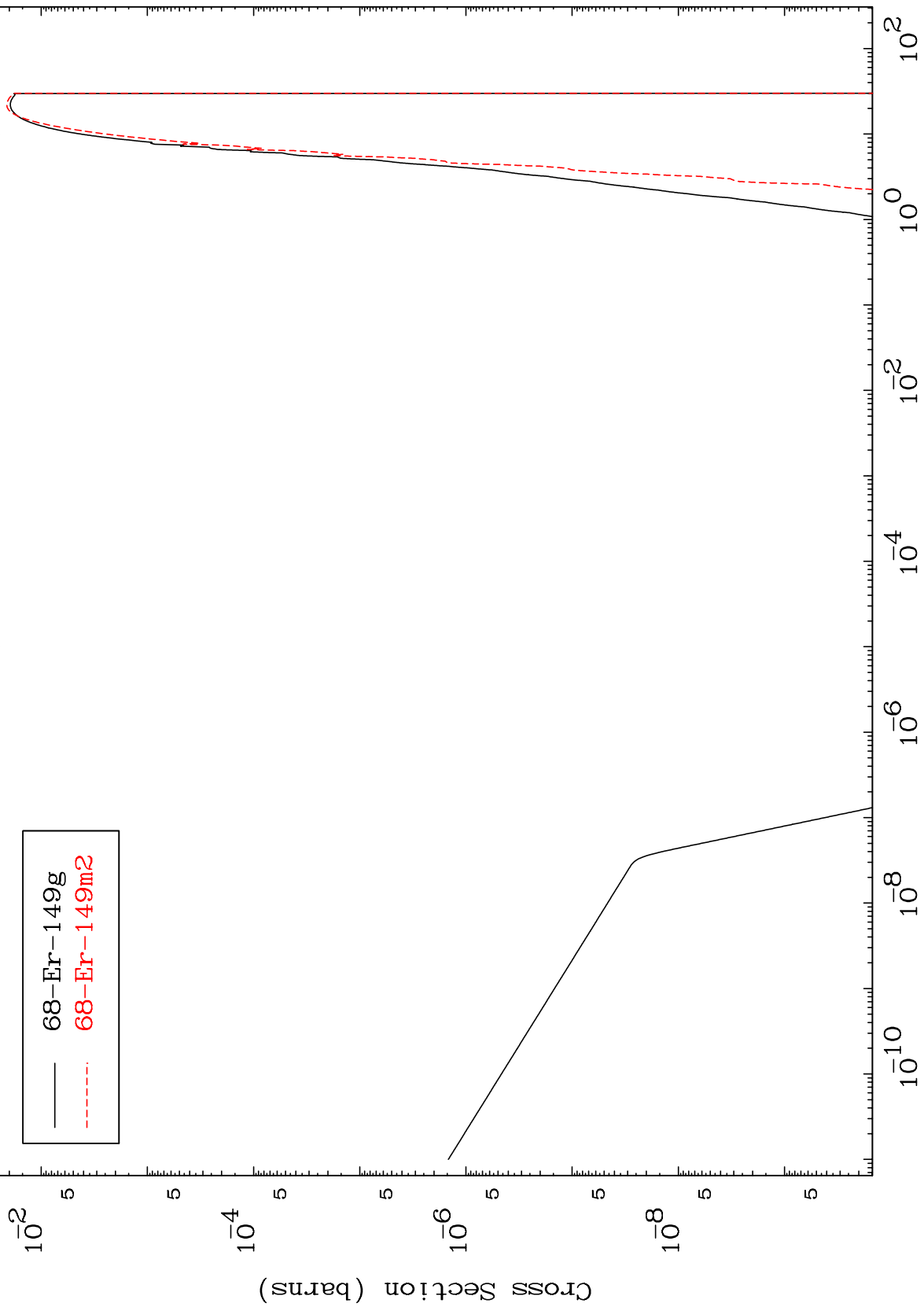


MAT 6868

(n,d)

69-Tm-150

Radionuclide Production Cross Section

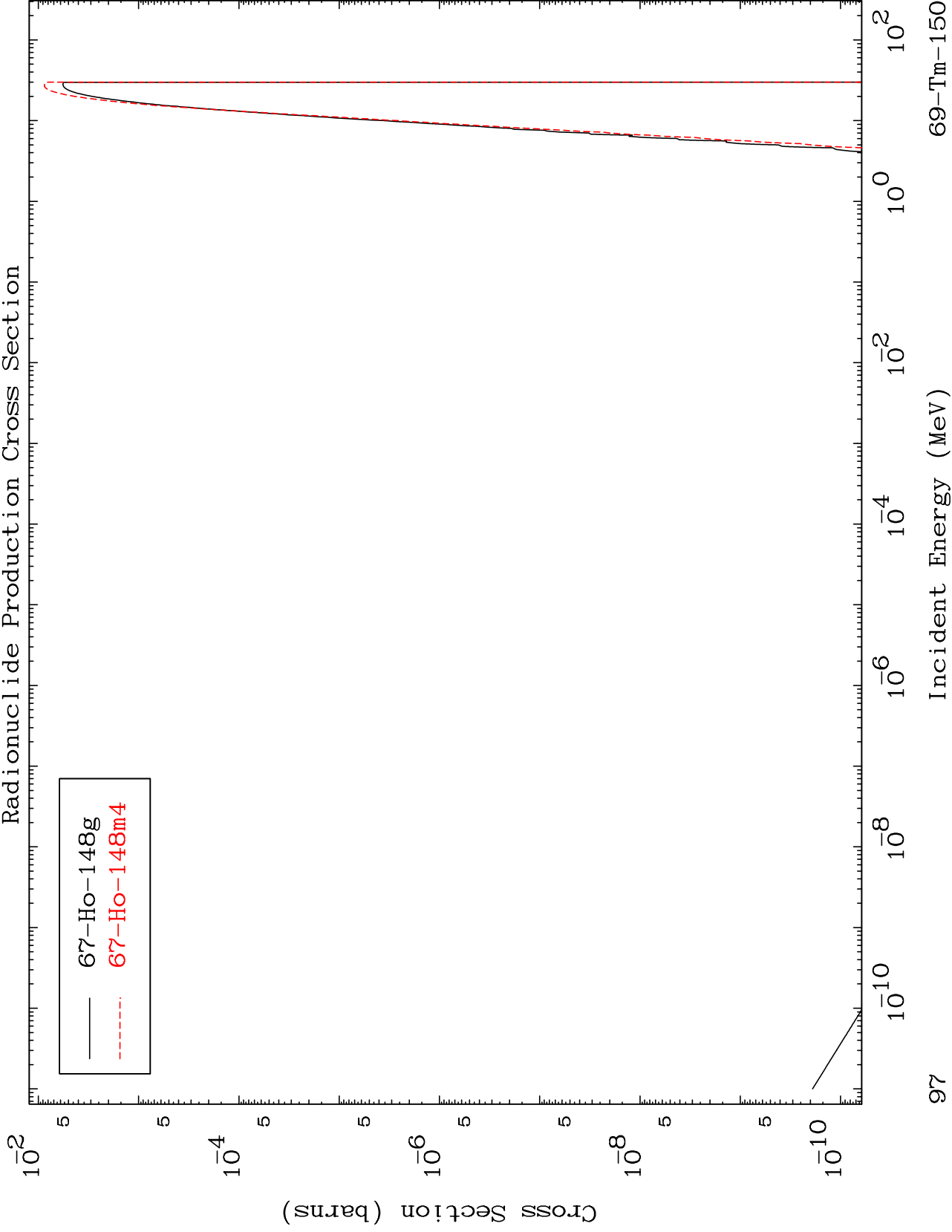


MAT 6868

(n,He-3)

69-Tm-150

Radionuclide Production Cross Section

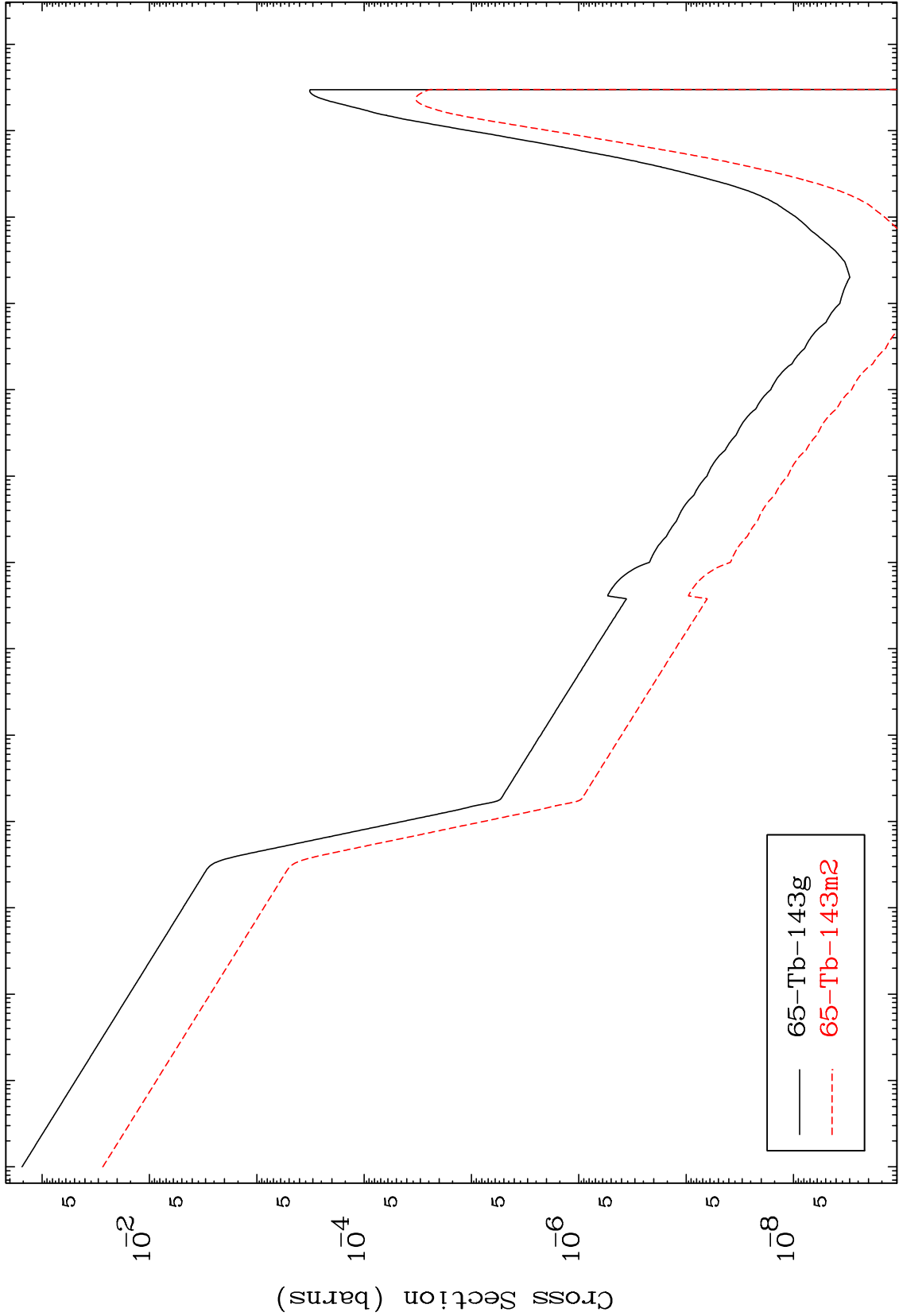


MAT 6868

(n,2α)

69-Tm-150

Radionuclide Production Cross Section



69-Tm-150

Incident Energy (MeV)

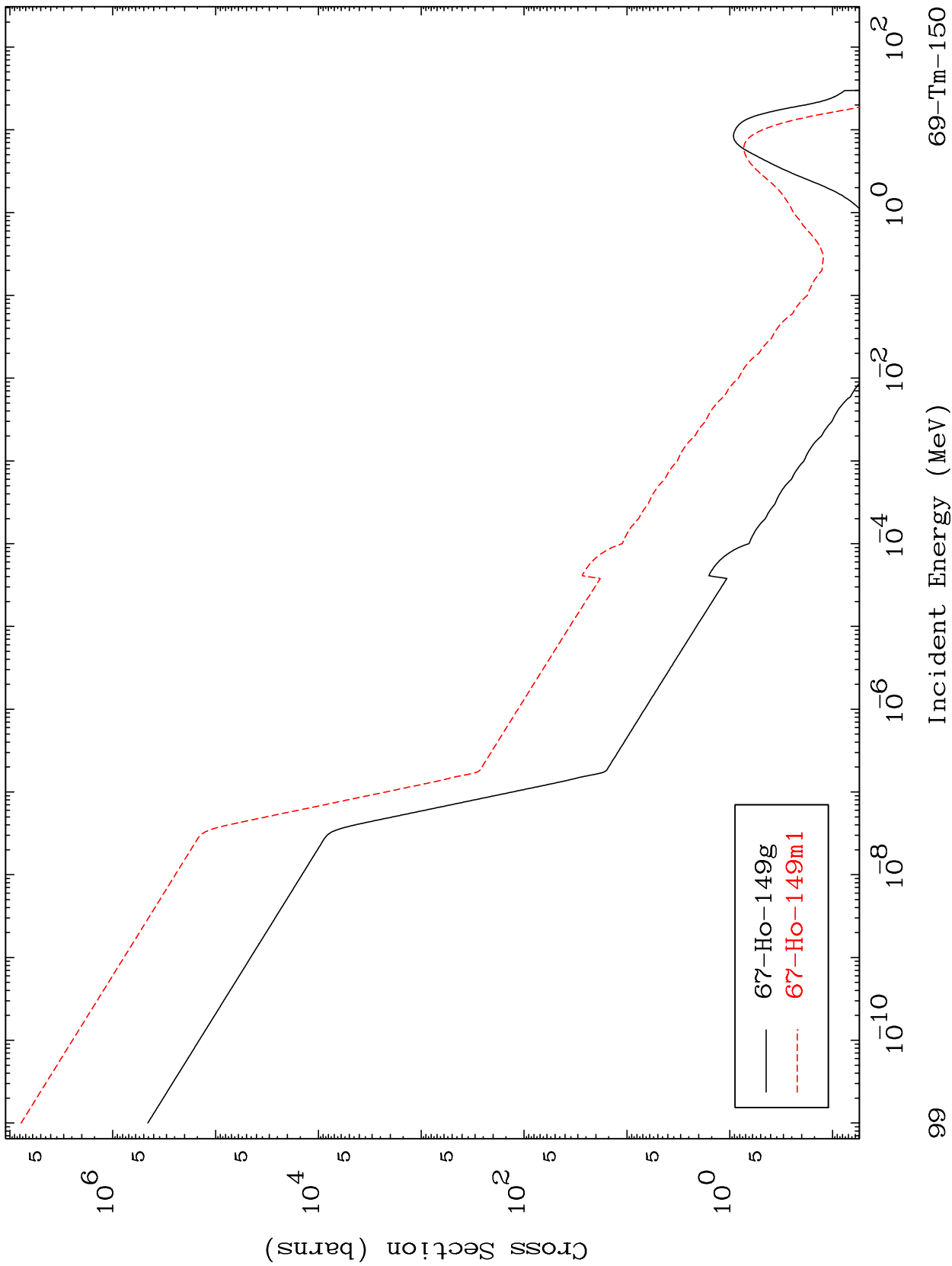
10⁻¹⁰ 10⁻⁸ 10⁻⁶ 10⁻⁴ 10⁻² 10⁰ 10²

10⁻² 10⁻⁴ 10⁻⁶ 10⁻⁸

MAT 6868

69-Tm-150

(n,2p)
Radionuclide Production Cross Section

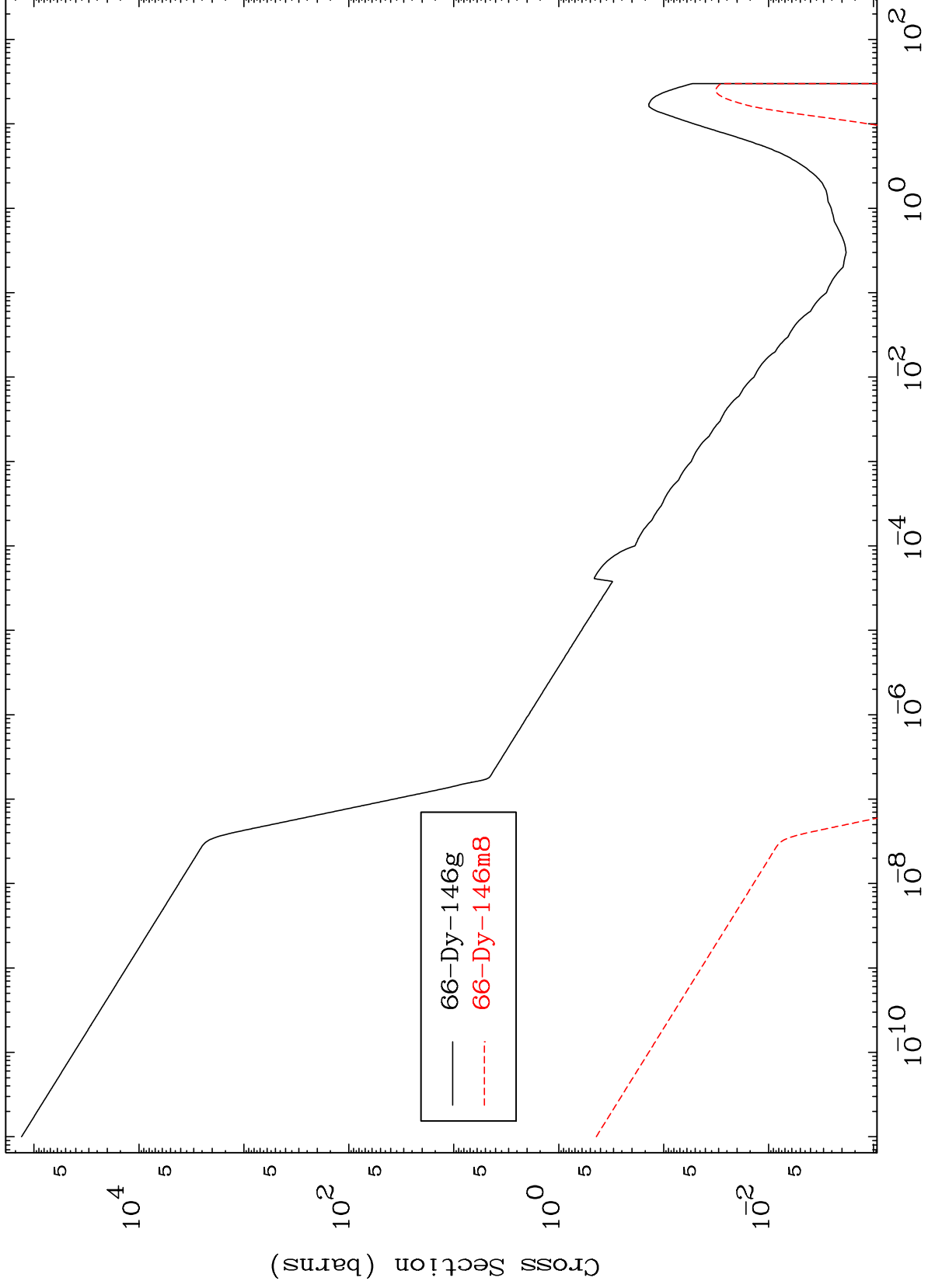


MAT 6868

(n,p) α

69-Tm-150

Radionuclide Production Cross Section



— 66-Dy-146g
- - - 66-Dy-146m8

100

Incident Energy (MeV)

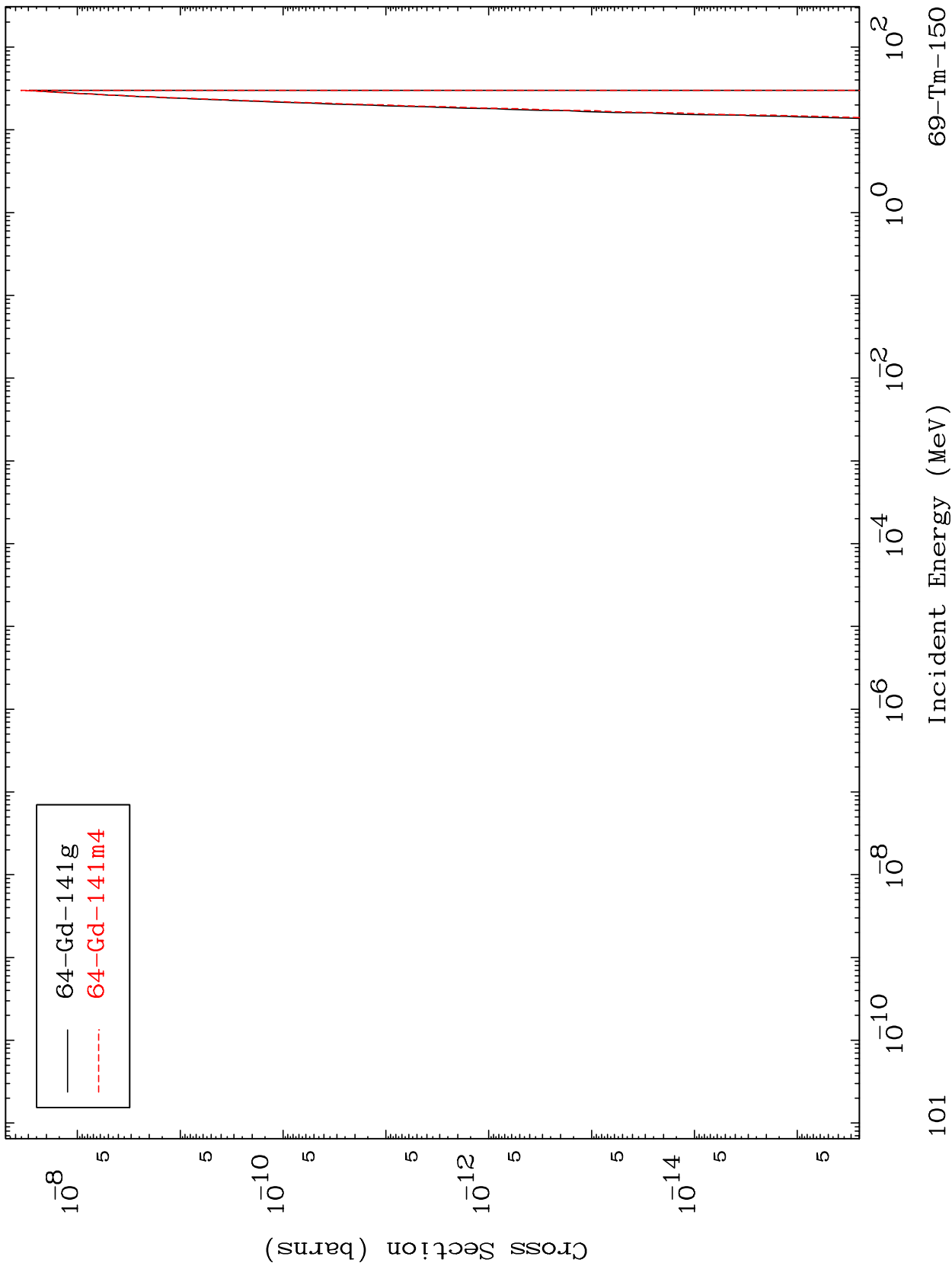
69-Tm-150

MAT 6868

(n,d) 2 α

69-Tm-150

Radionuclide Production Cross Section



101

Incident Energy (MeV)

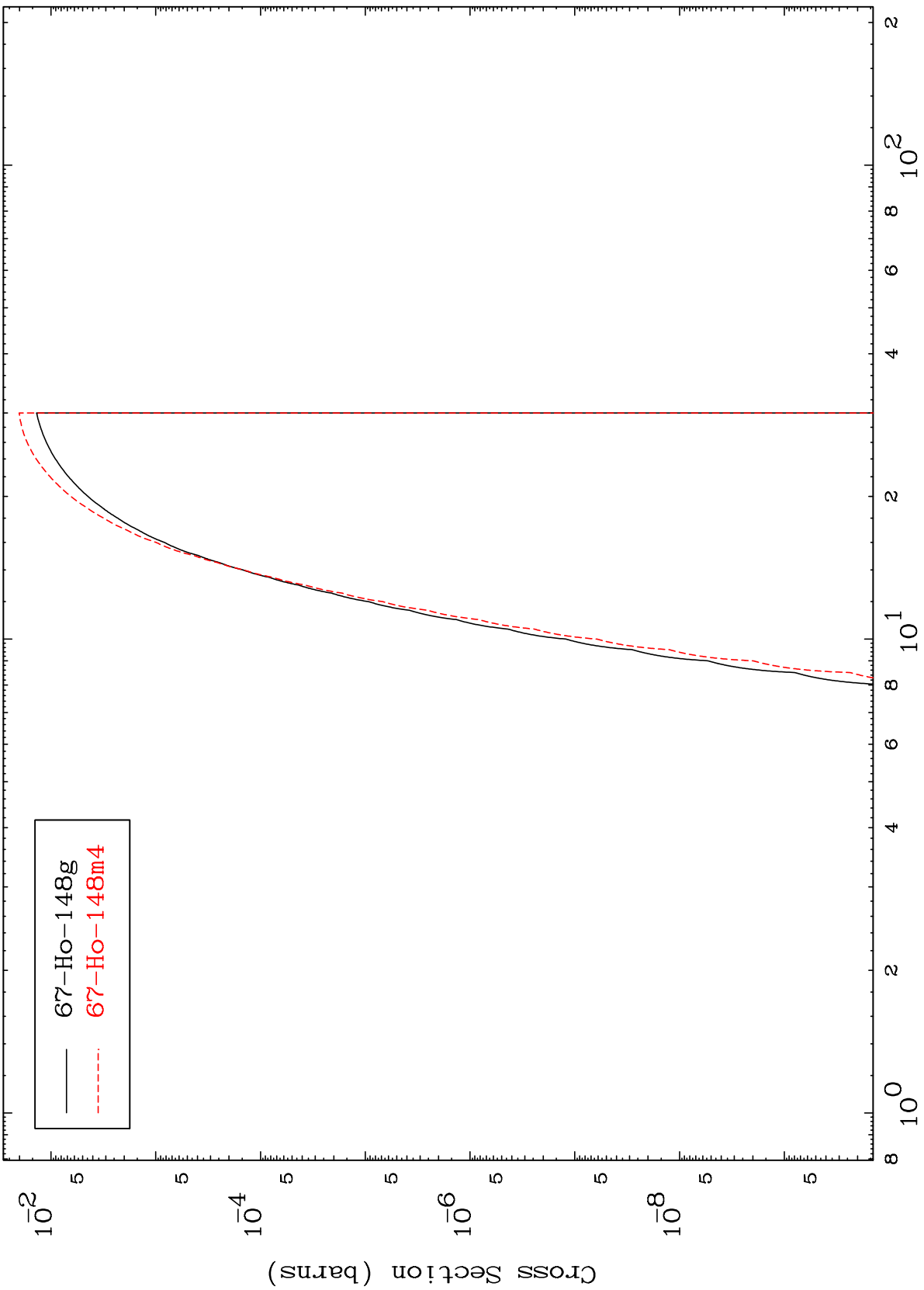
69-Tm-150

MAT 6868

(n,p) d

69-Tm-150

Radionuclide Production Cross Section



102

Incident Energy (MeV)

69-Tm-150

MAT 6868

(n,d) α

69-Tm-150

Radionuclide Production Cross Section

