

Program EVALPLOT
(Version 2015-2)

by

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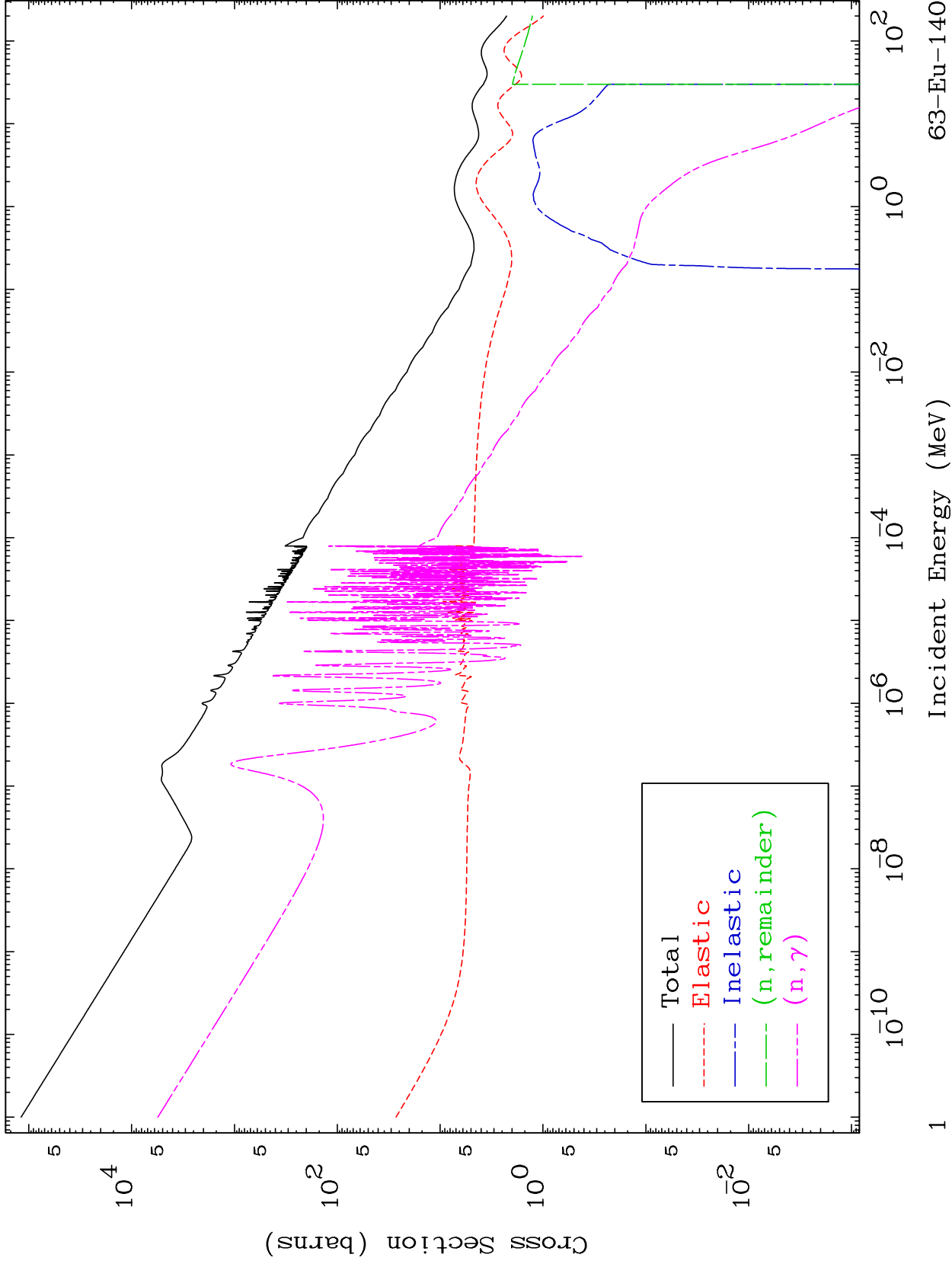
Press Mouse Button to Start

MAT 6292

Major

293 Kelvin Cross Sections

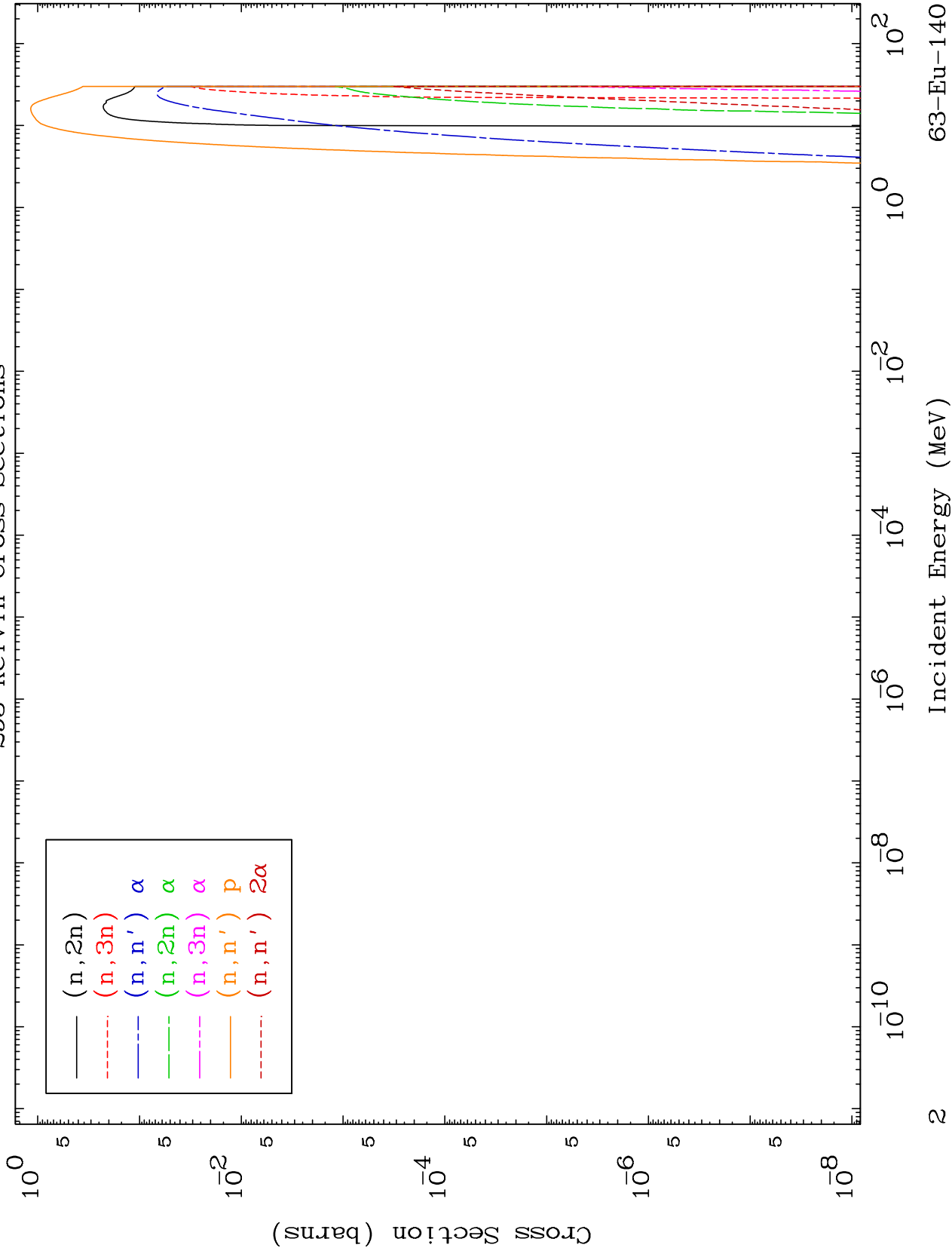
63-Eu-140

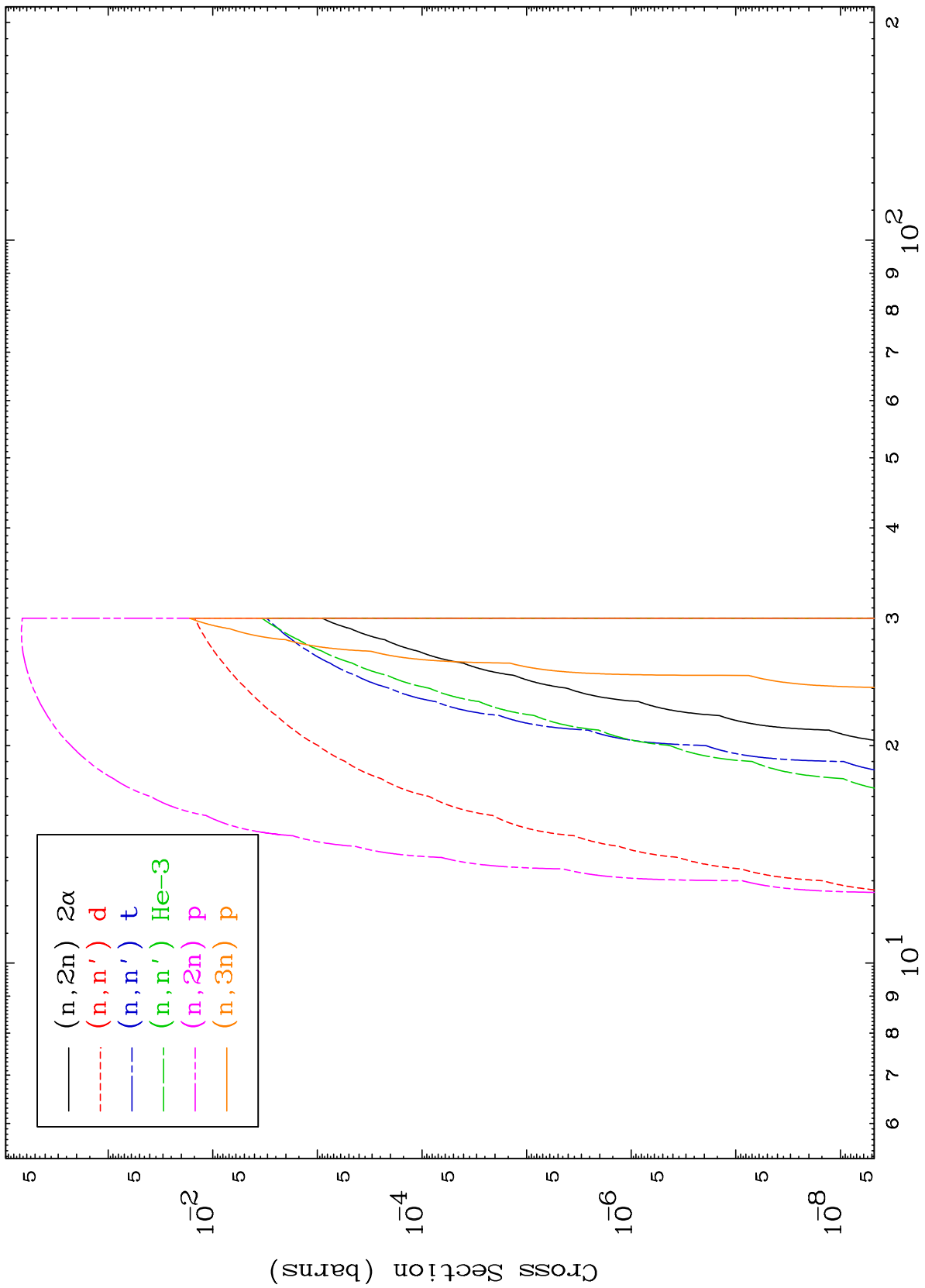


MAT 6292

Neutron Production
293 Kelvin Cross Sections

63-Eu-140

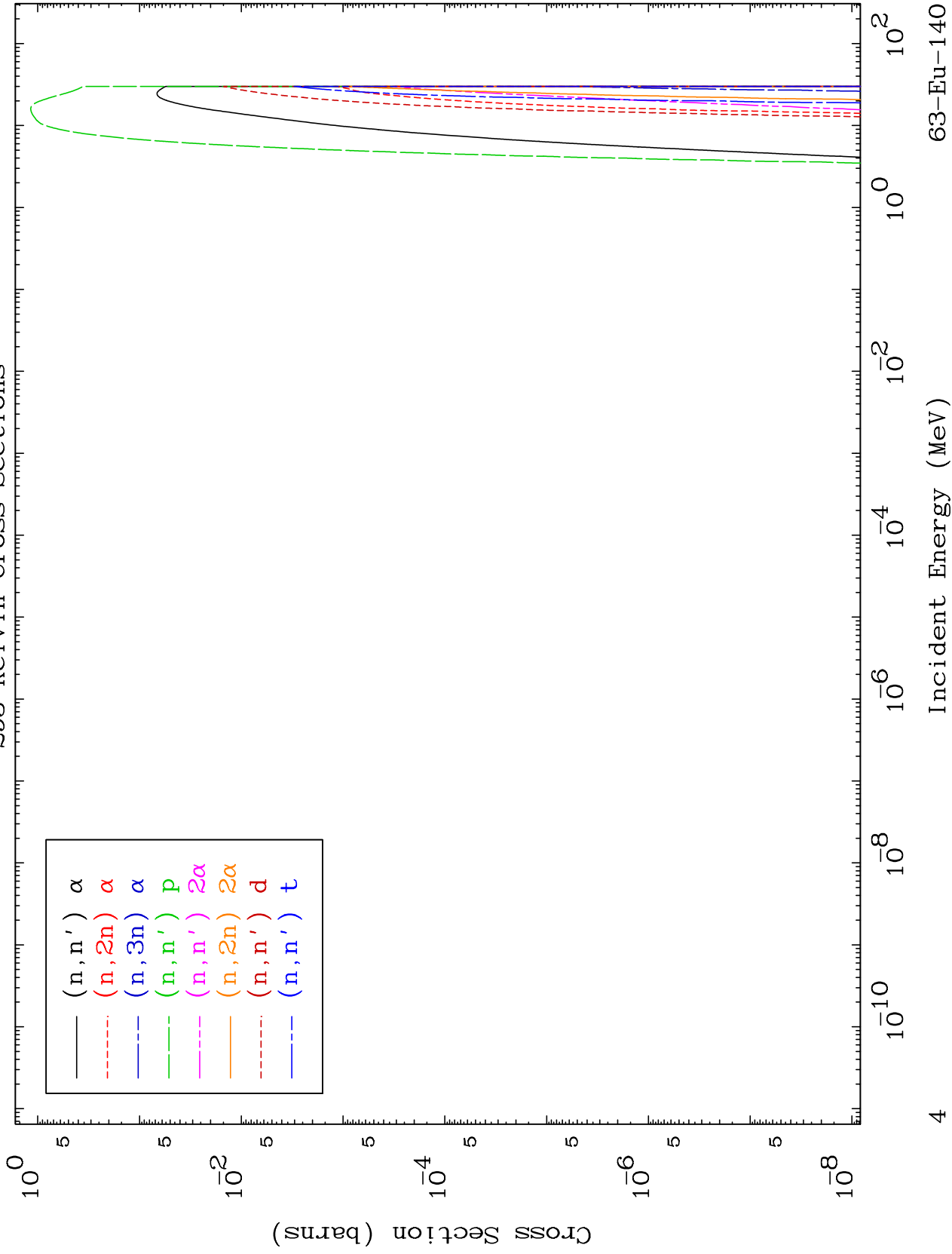




MAT 6292

Charged Particle
293 Kelvin Cross Sections

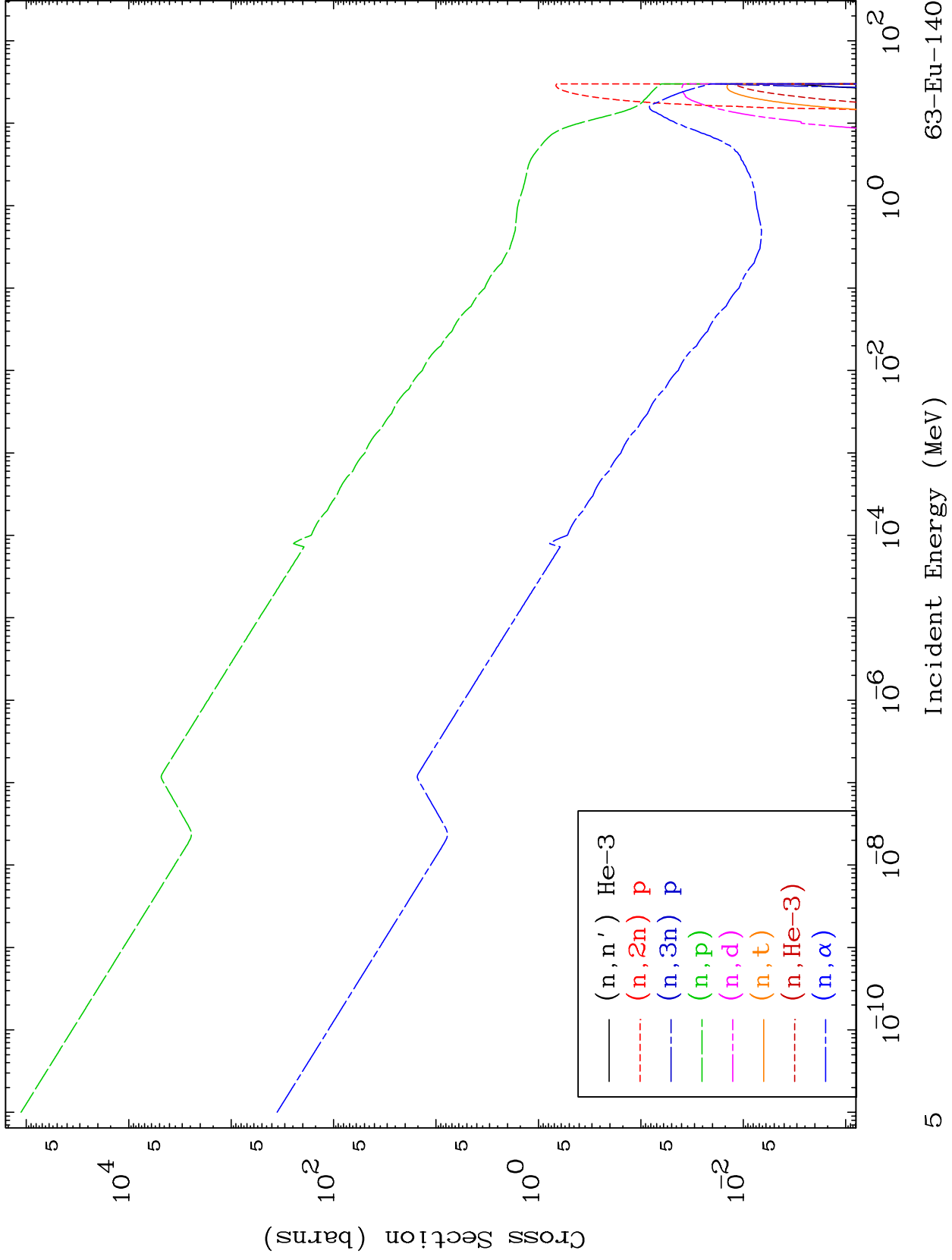
63-Eu-140



MAT 6292

Charged Particle
293 Kelvin Cross Sections

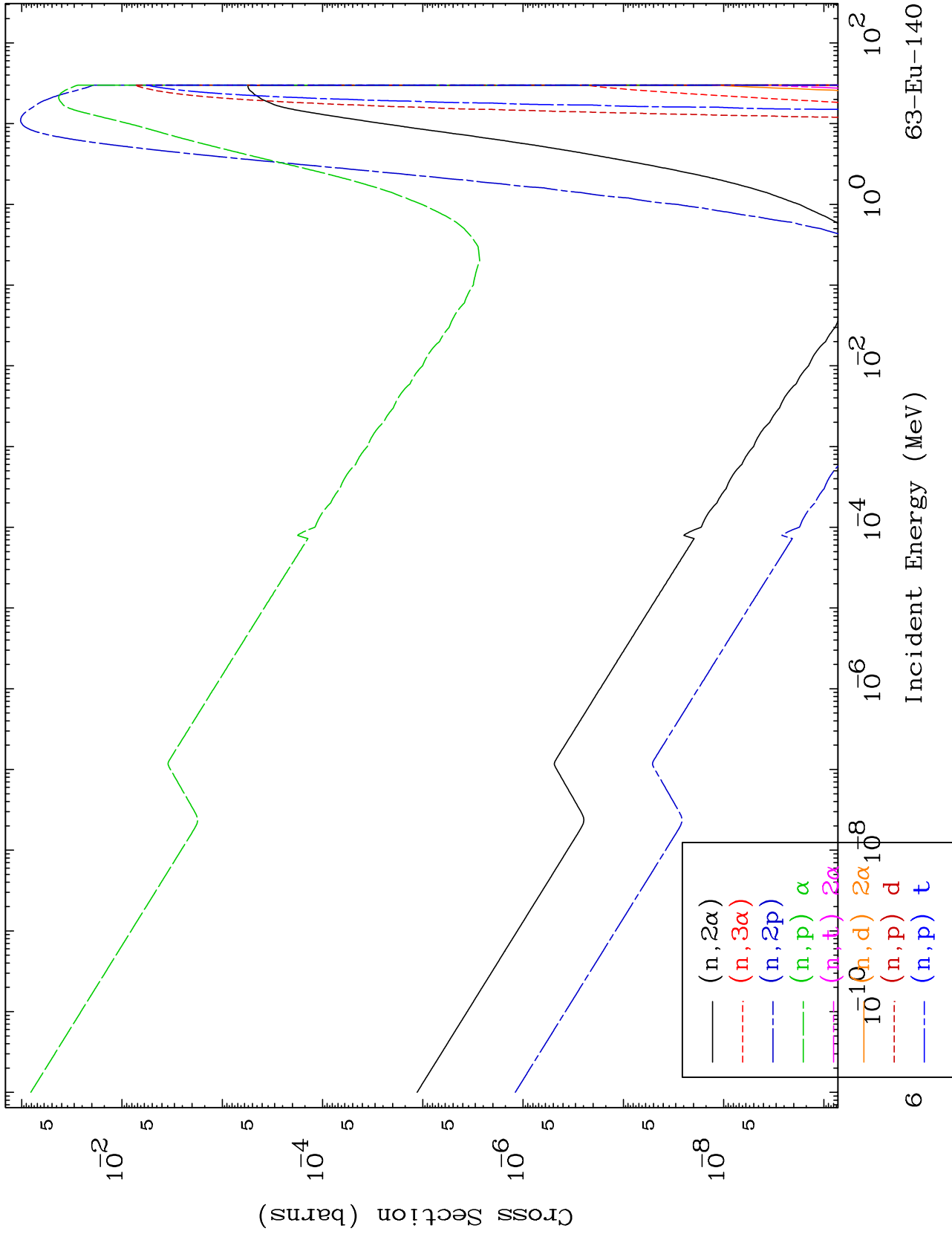
63-Eu-140



MAT 6292

Charged Particle
293 Kelvin Cross Sections

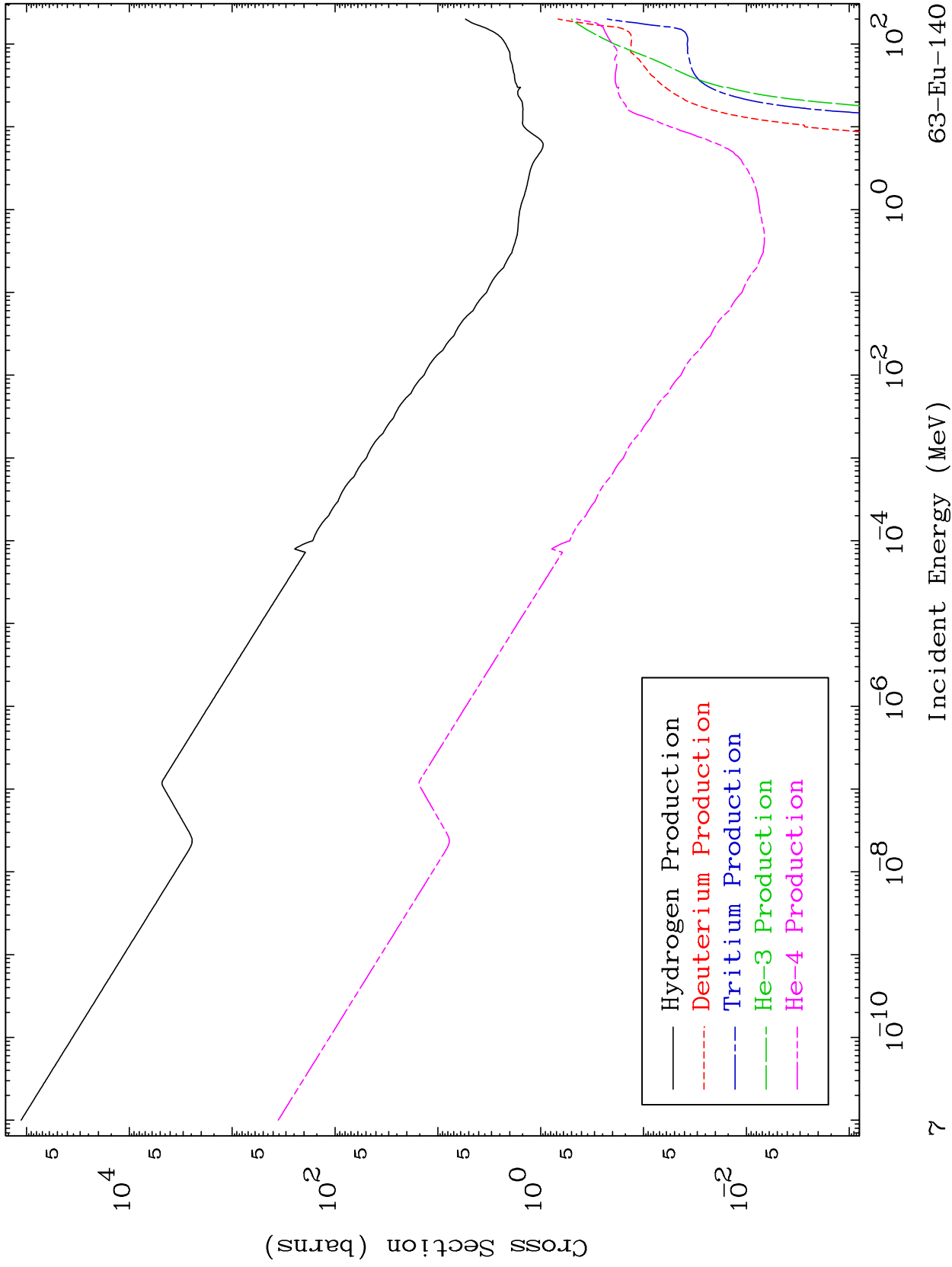
63-Eu-140



MAT 6292

Particle Production
293 Kelvin Cross Sections

63-Eu-140

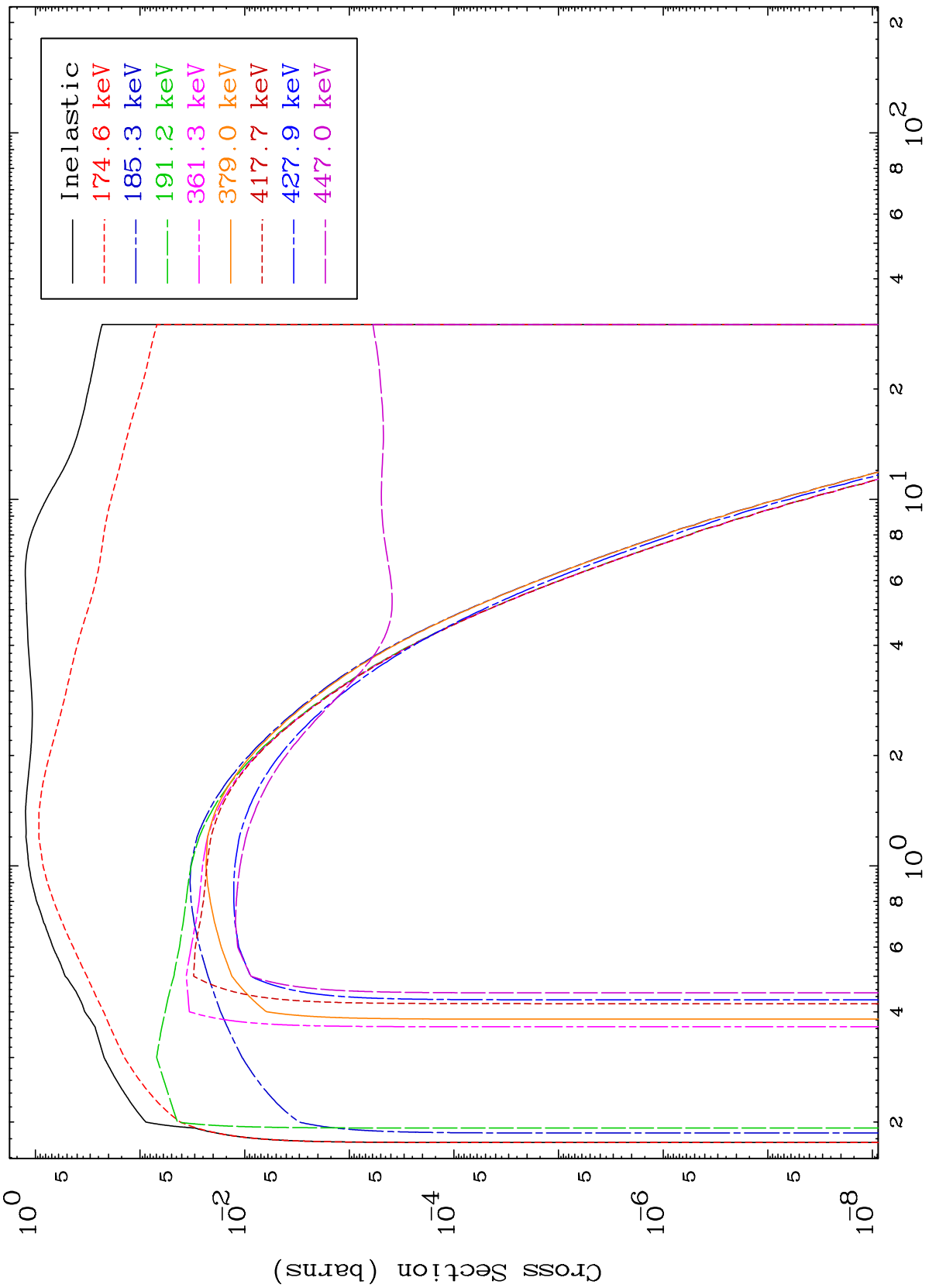


MAT 6292

(n,n') Level

63-Eu-140

293 Kelvin Cross Sections



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Incident Energy (MeV)

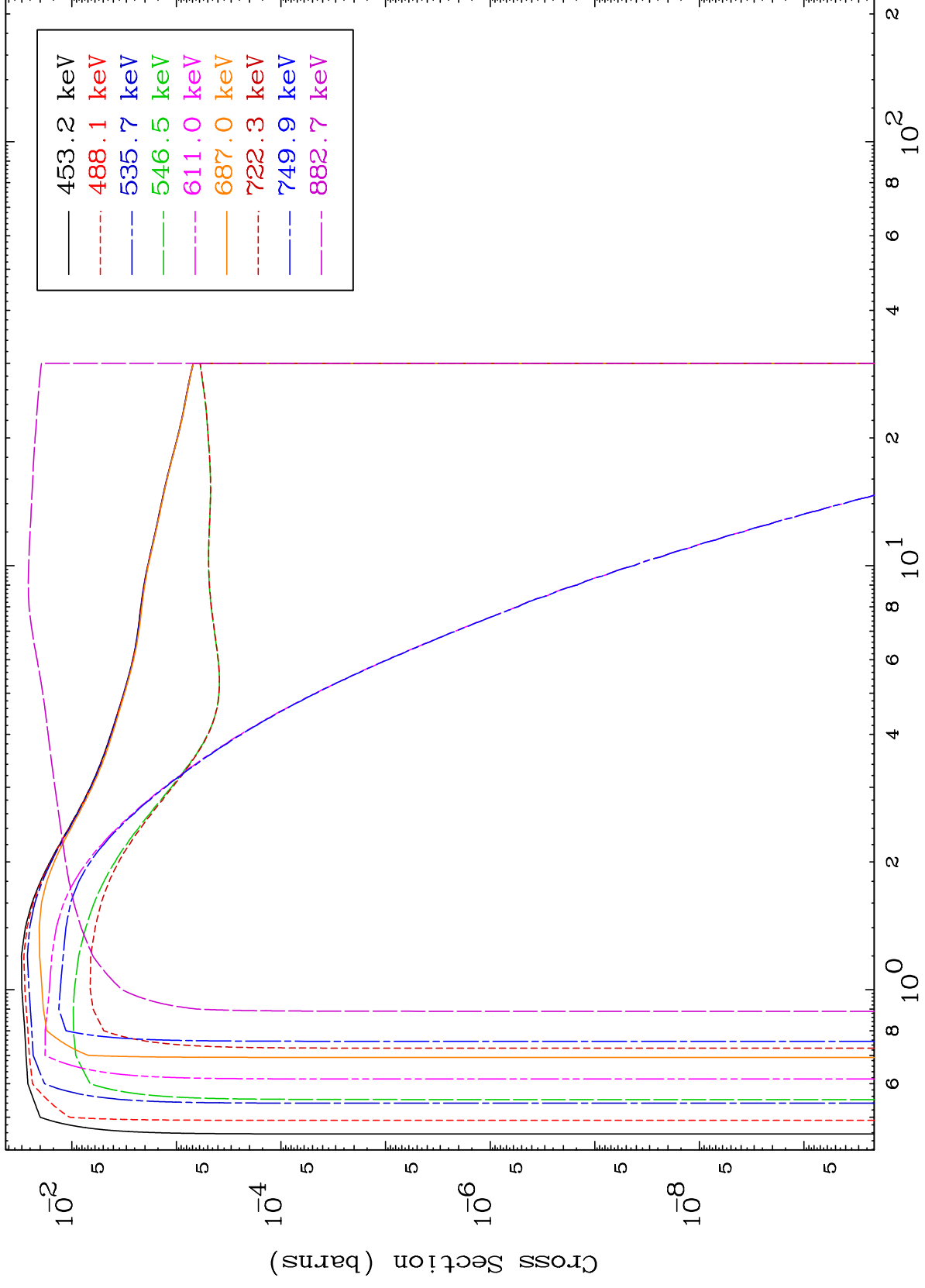
63-Eu-140

MAT 6292

(n,n') Level

63-Eu-140

293 Kelvin Cross Sections



9

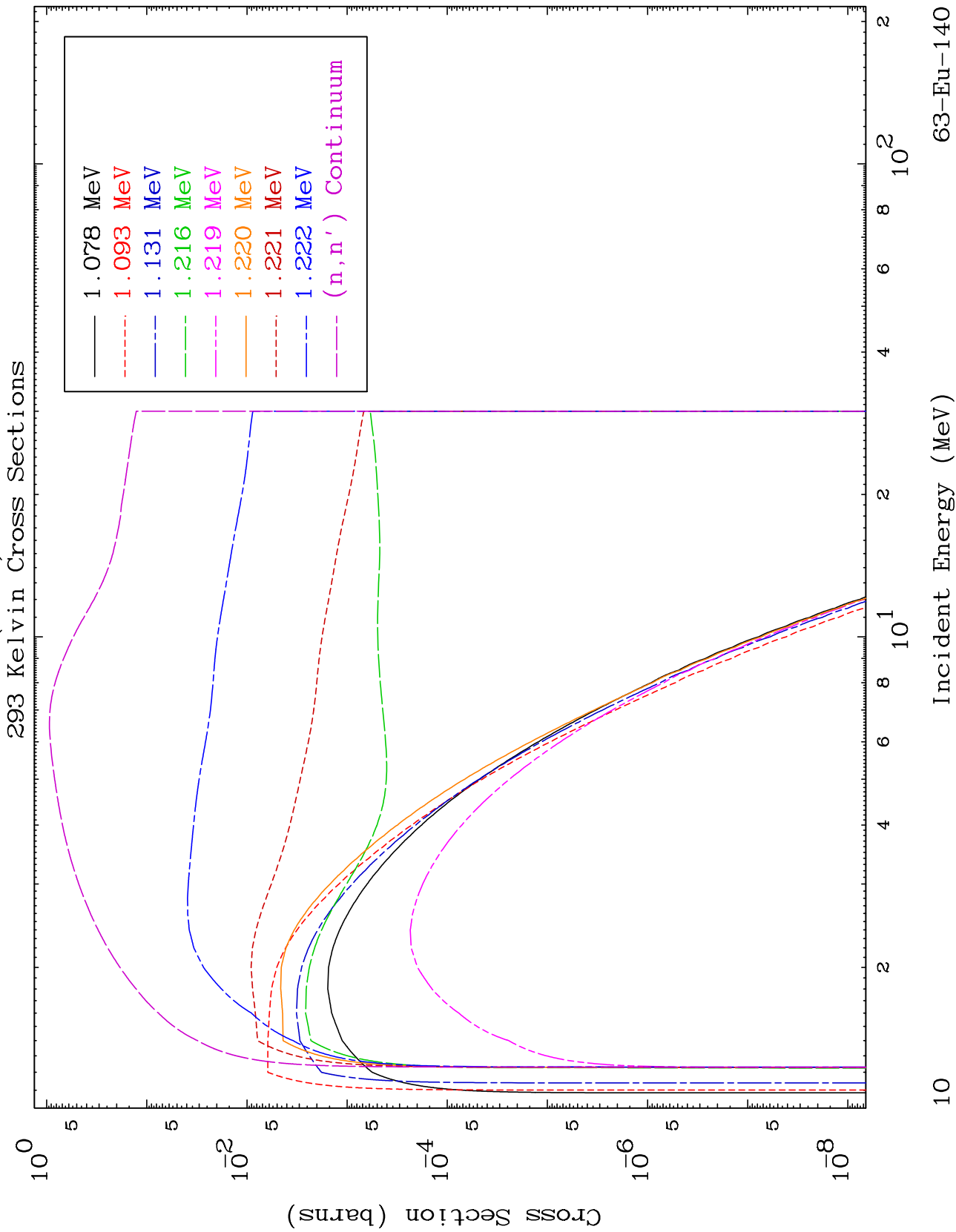
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,n') Level

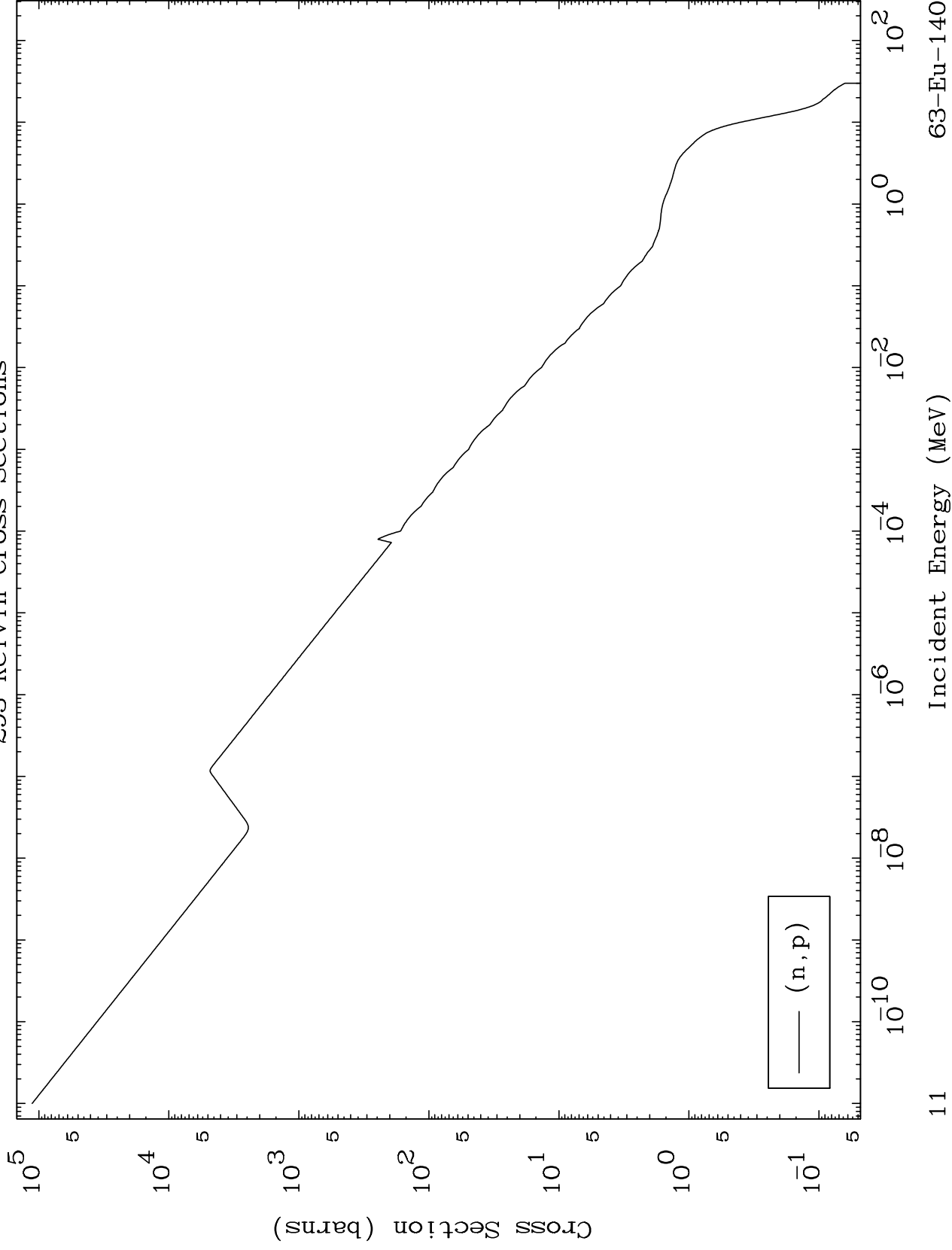
63-Eu-140



MAT 6292

(n,p) Levels
293 Kelvin Cross Sections

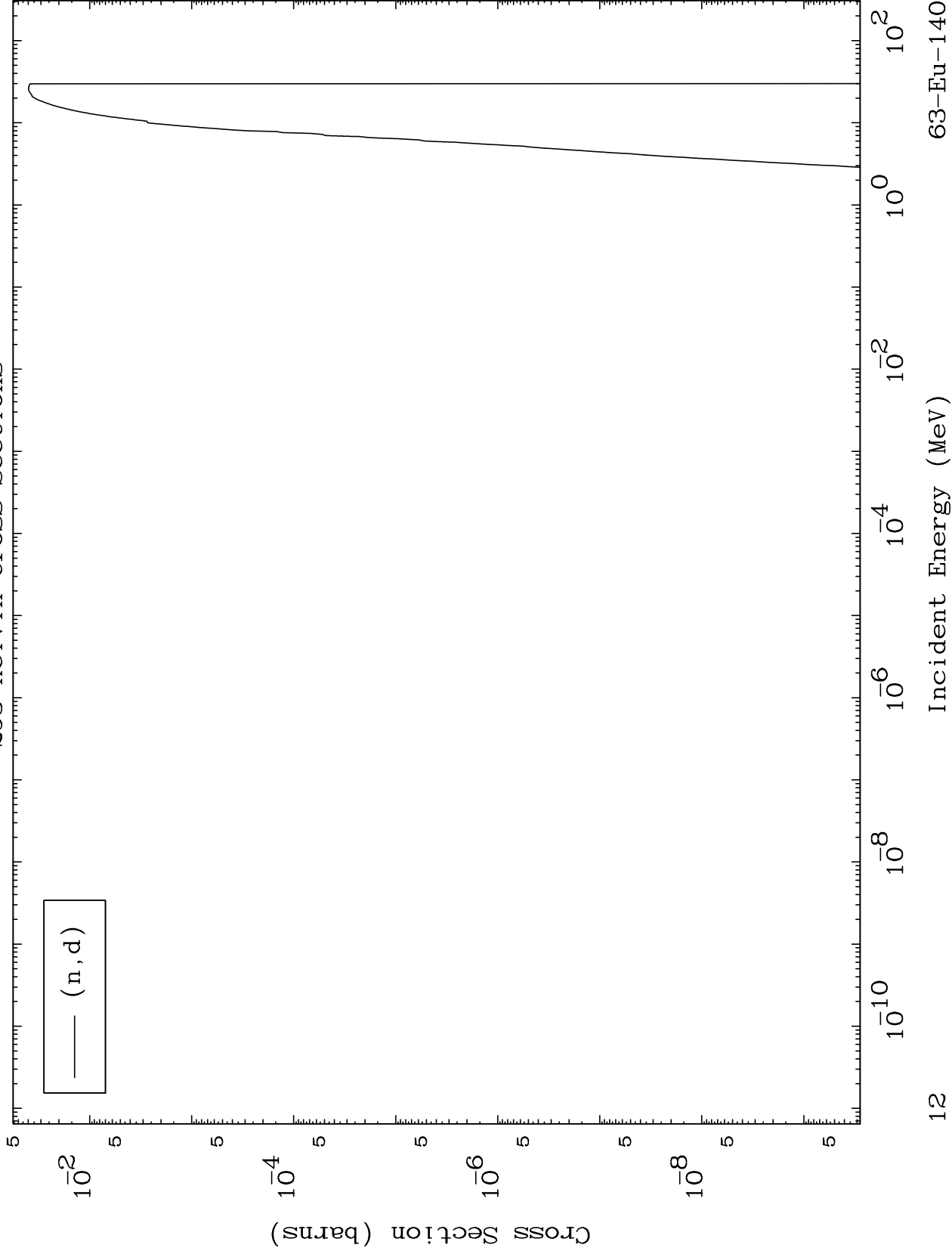
63-Eu-140



MAT 6292

(n,d) Levels
293 Kelvin Cross Sections

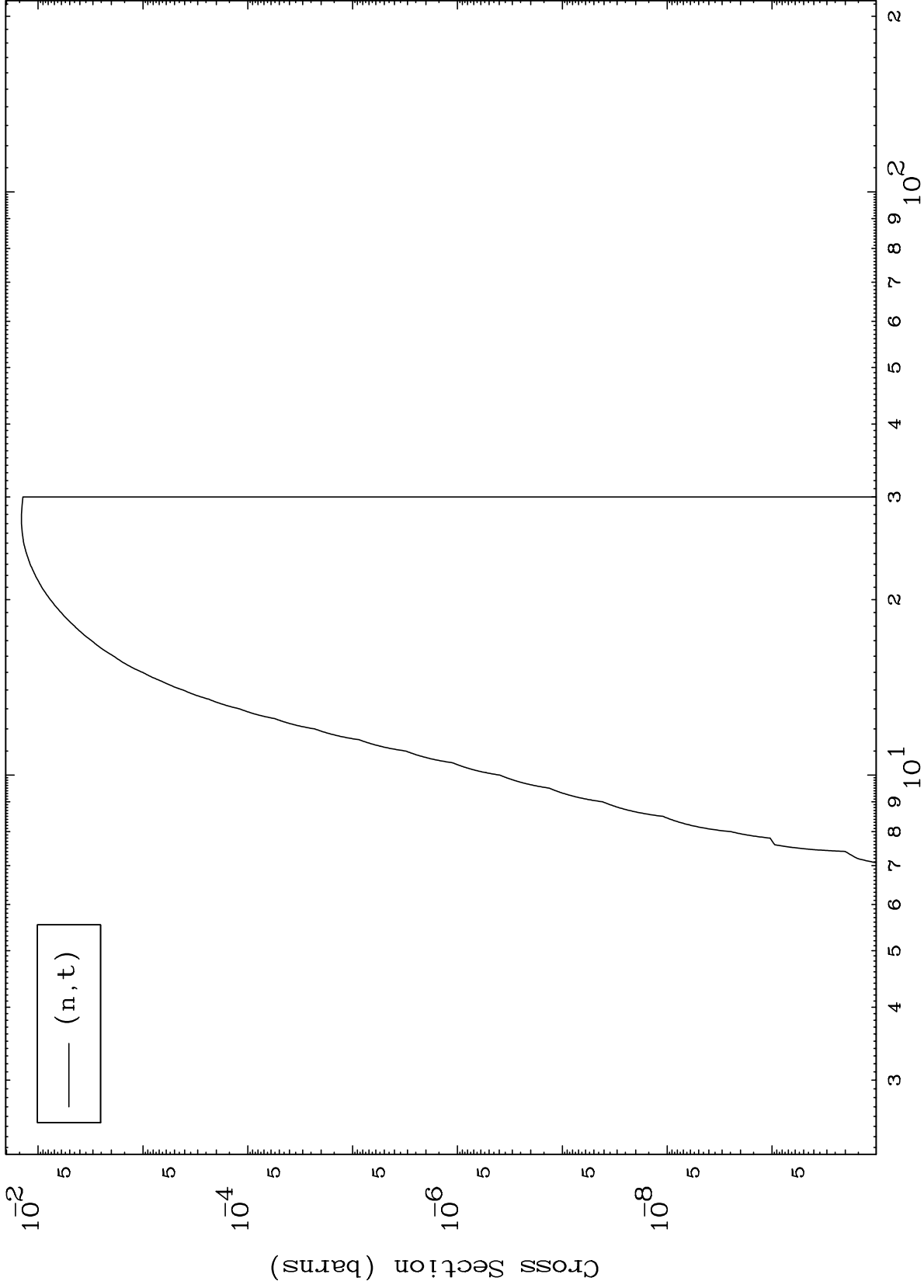
63-Eu-140



MAT 6292

(n,t) Levels
293 Kelvin Cross Sections

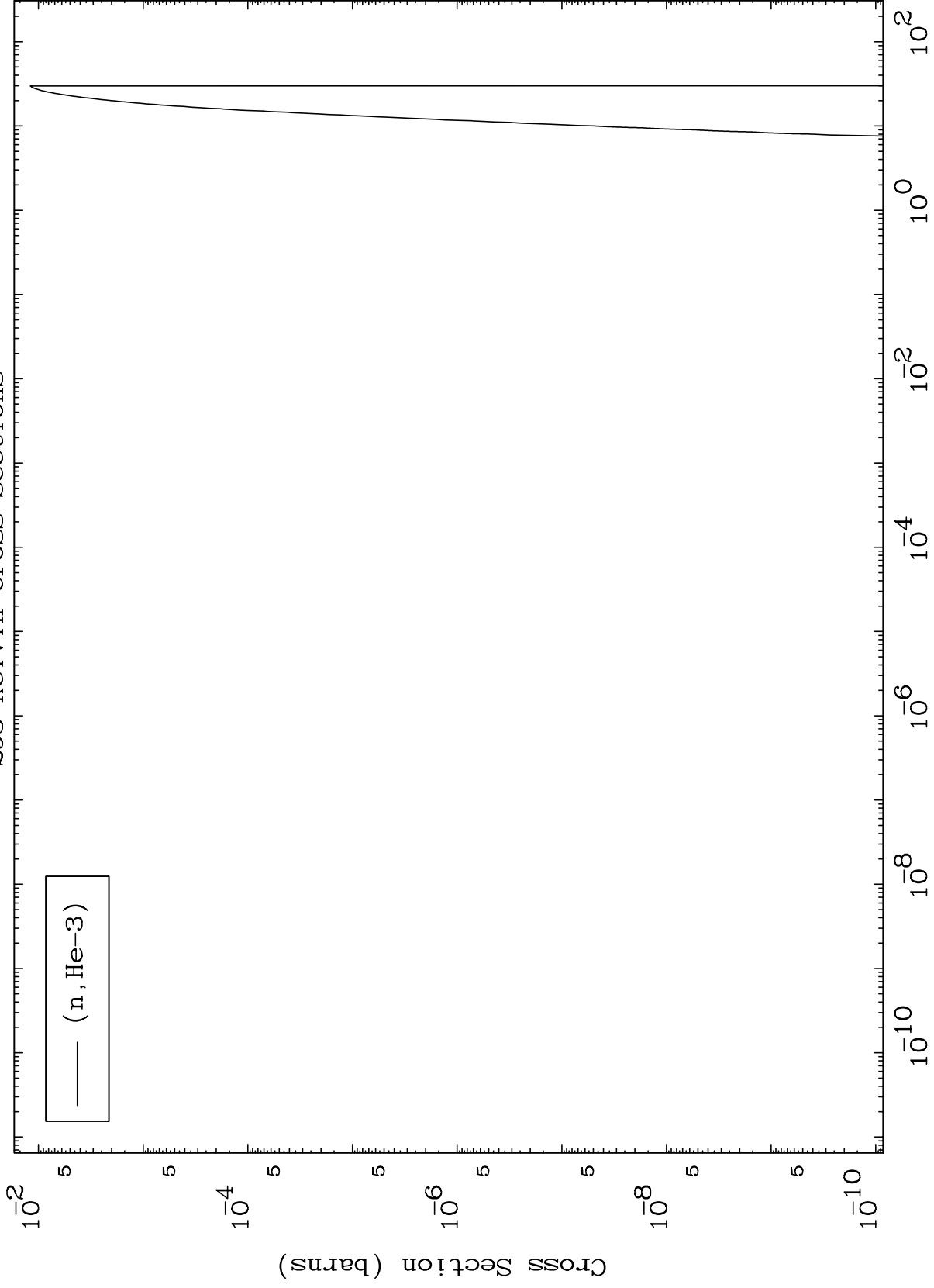
63-Eu-140



MAT 6292

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-140



14

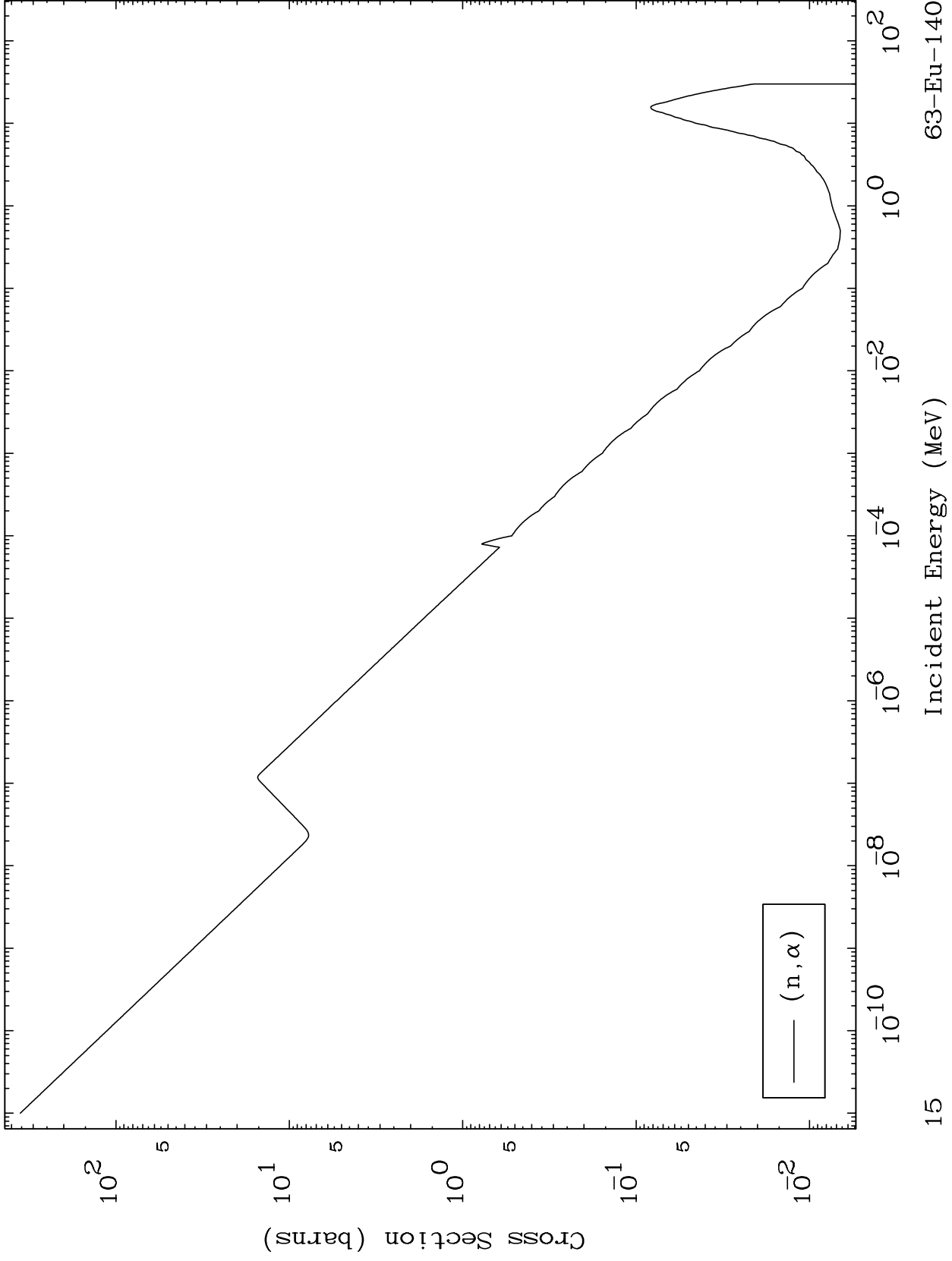
Incident Energy (MeV)

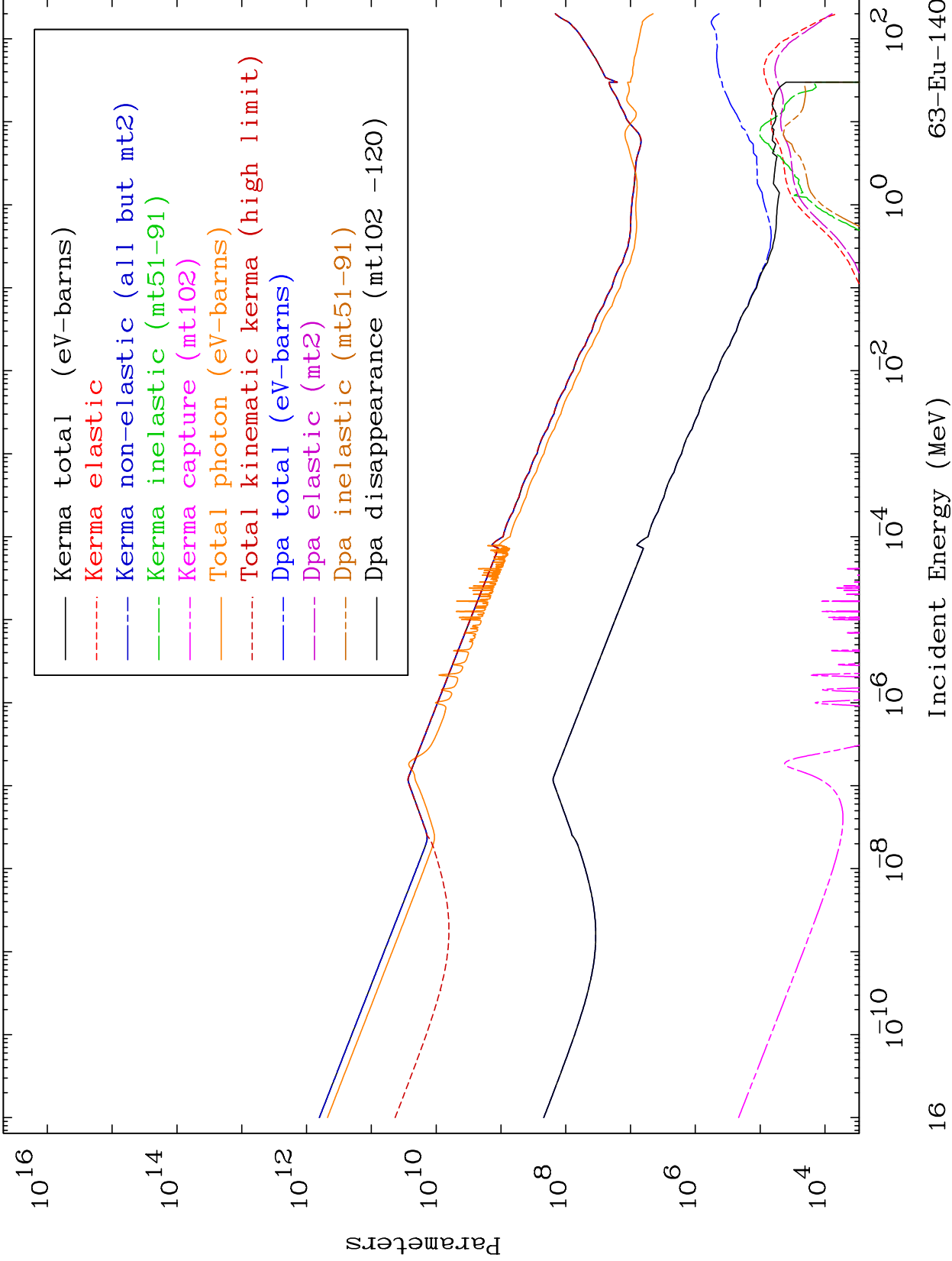
63-Eu-140

MAT 6292

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-140

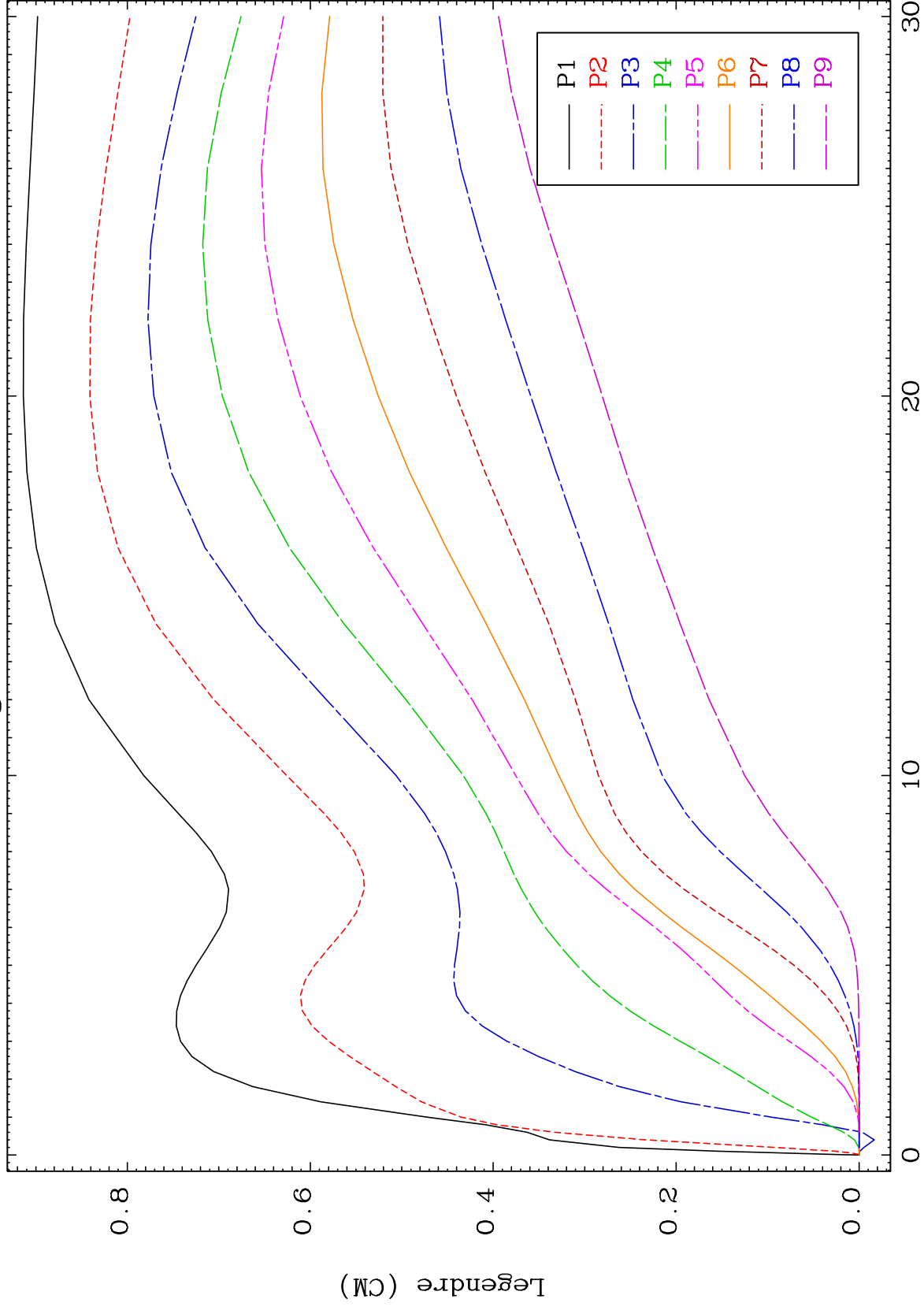




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Elastic Legendre Coefficients

63-Eu-140



17

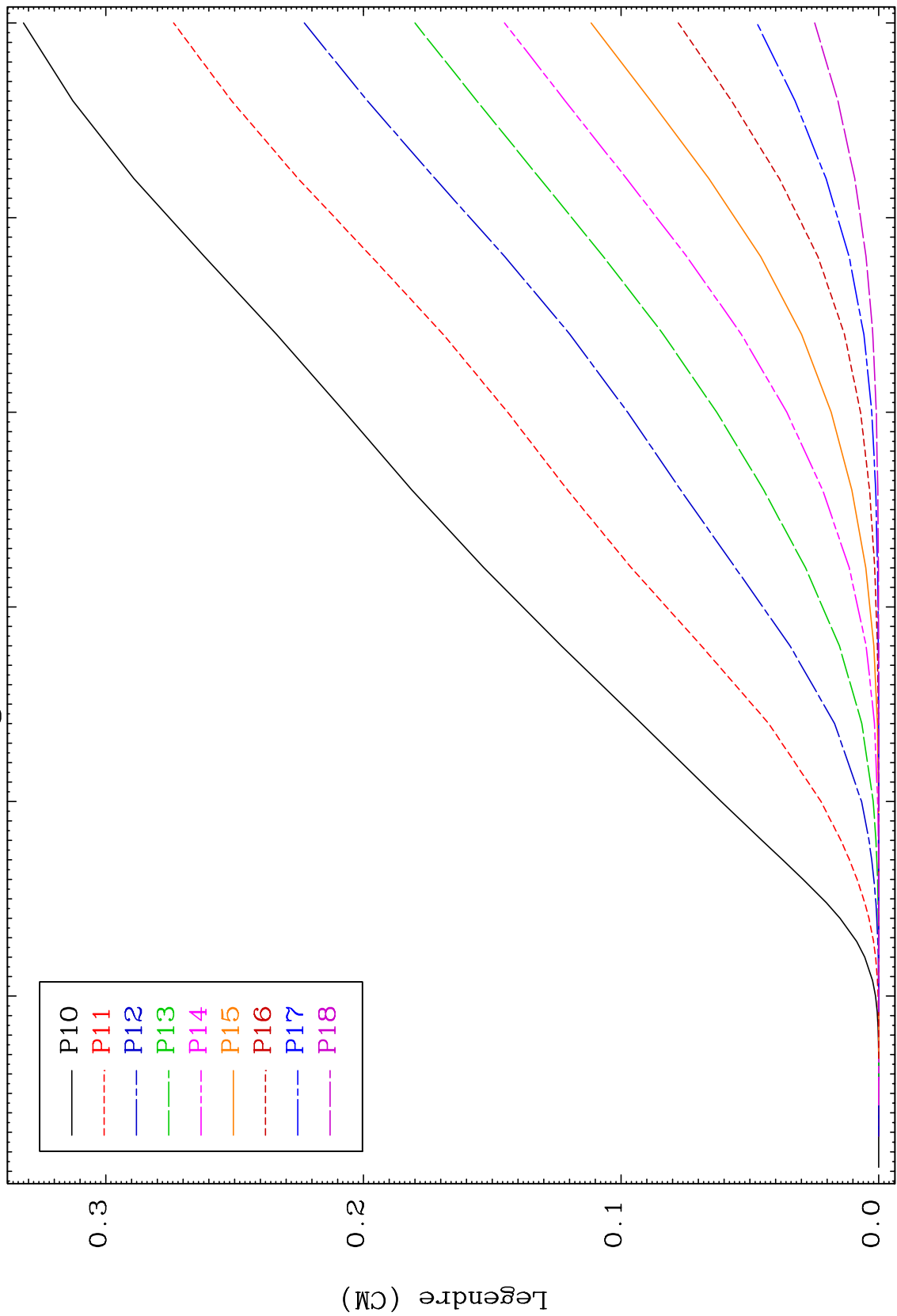
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140

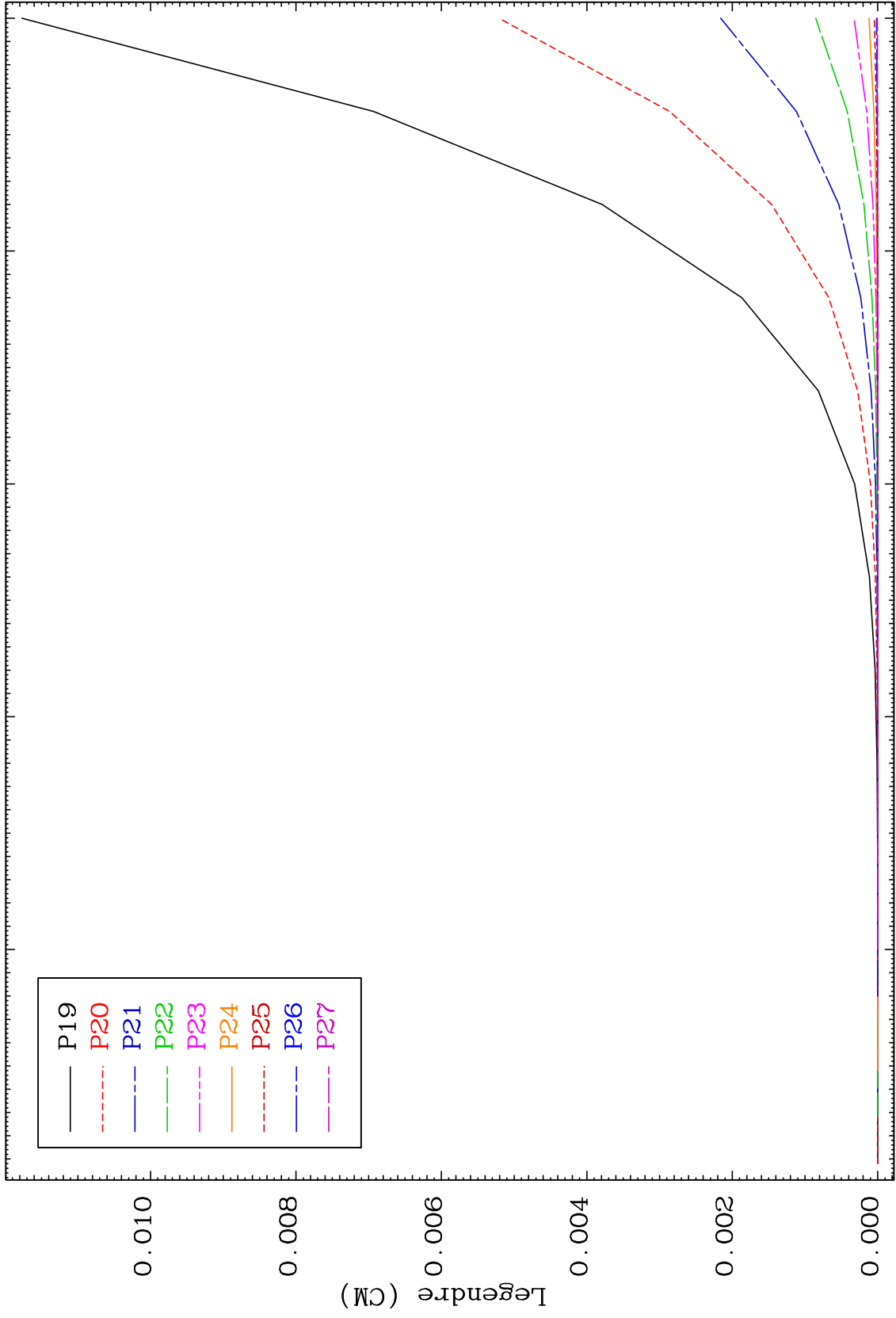


18

Incident Energy (MeV)

63-Eu-140

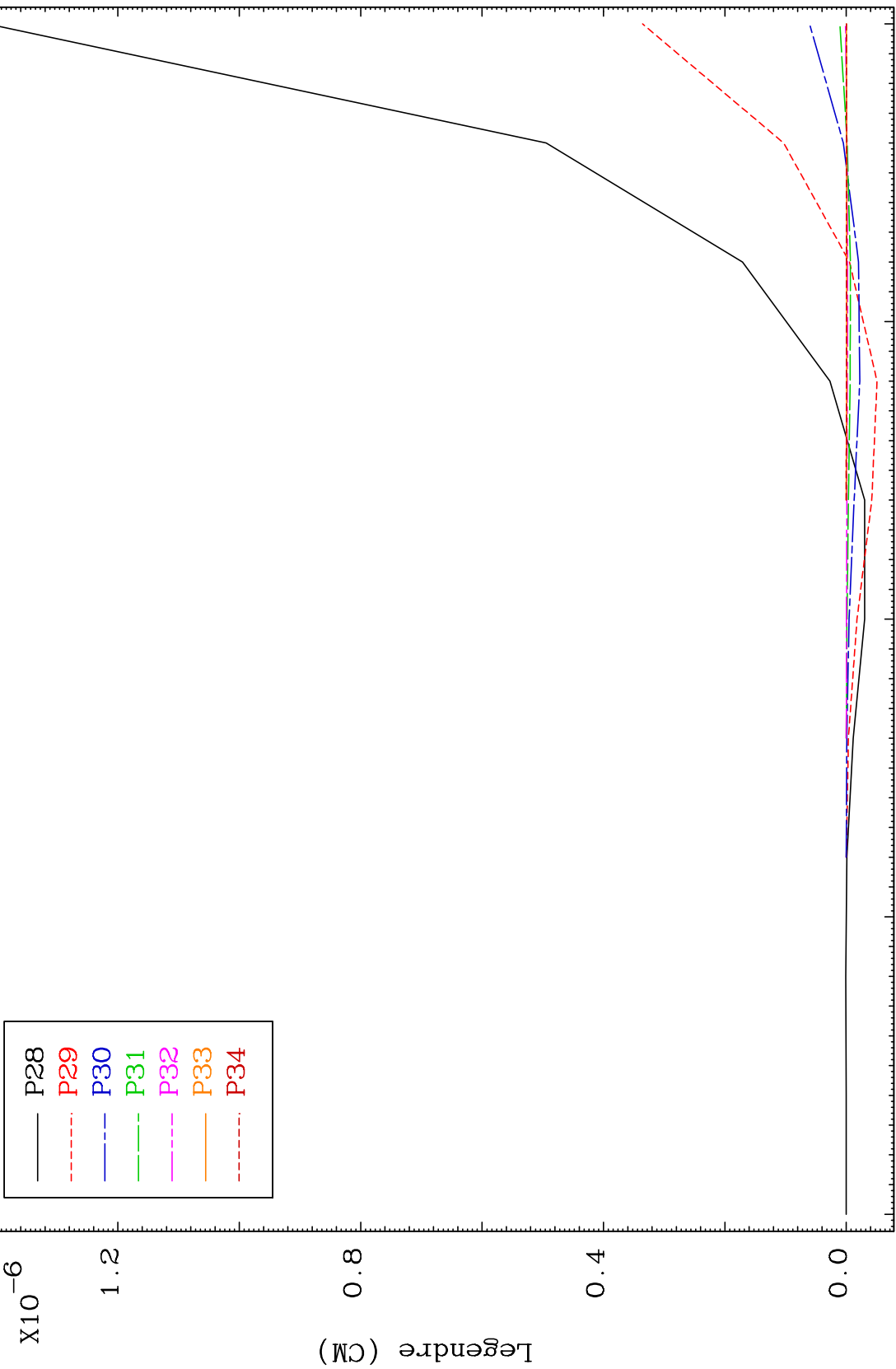
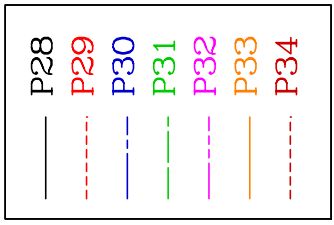
Elastic Legendre Coefficients



MAT 6292

Elastic Legendre Coefficients

63-Eu-140



63-Eu-140

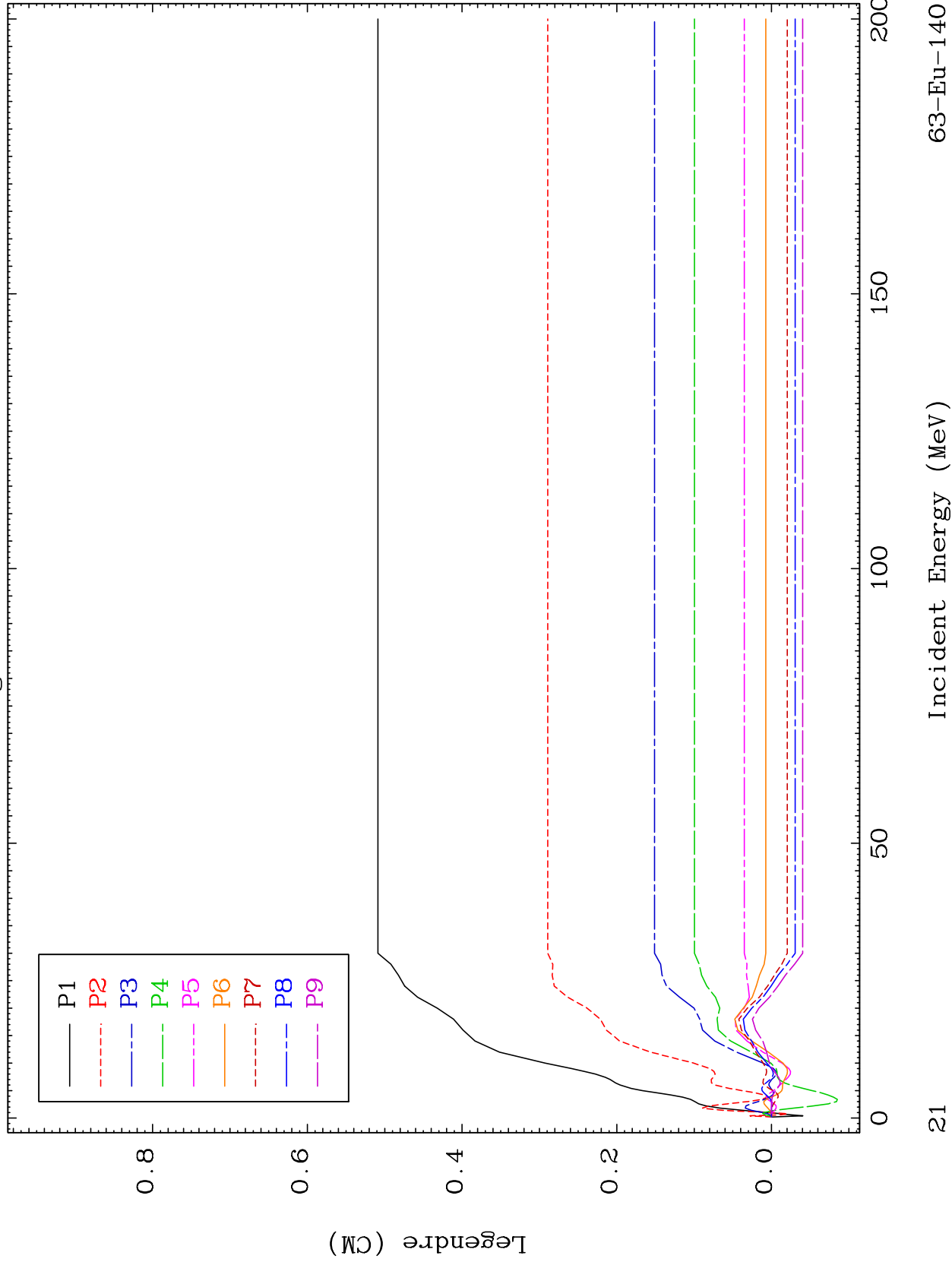
Elastic Legendre Coefficients

MAT 6292

MAT 6292

174.6 keV (n,n') Level
Legendre Coefficients

63-Eu-140



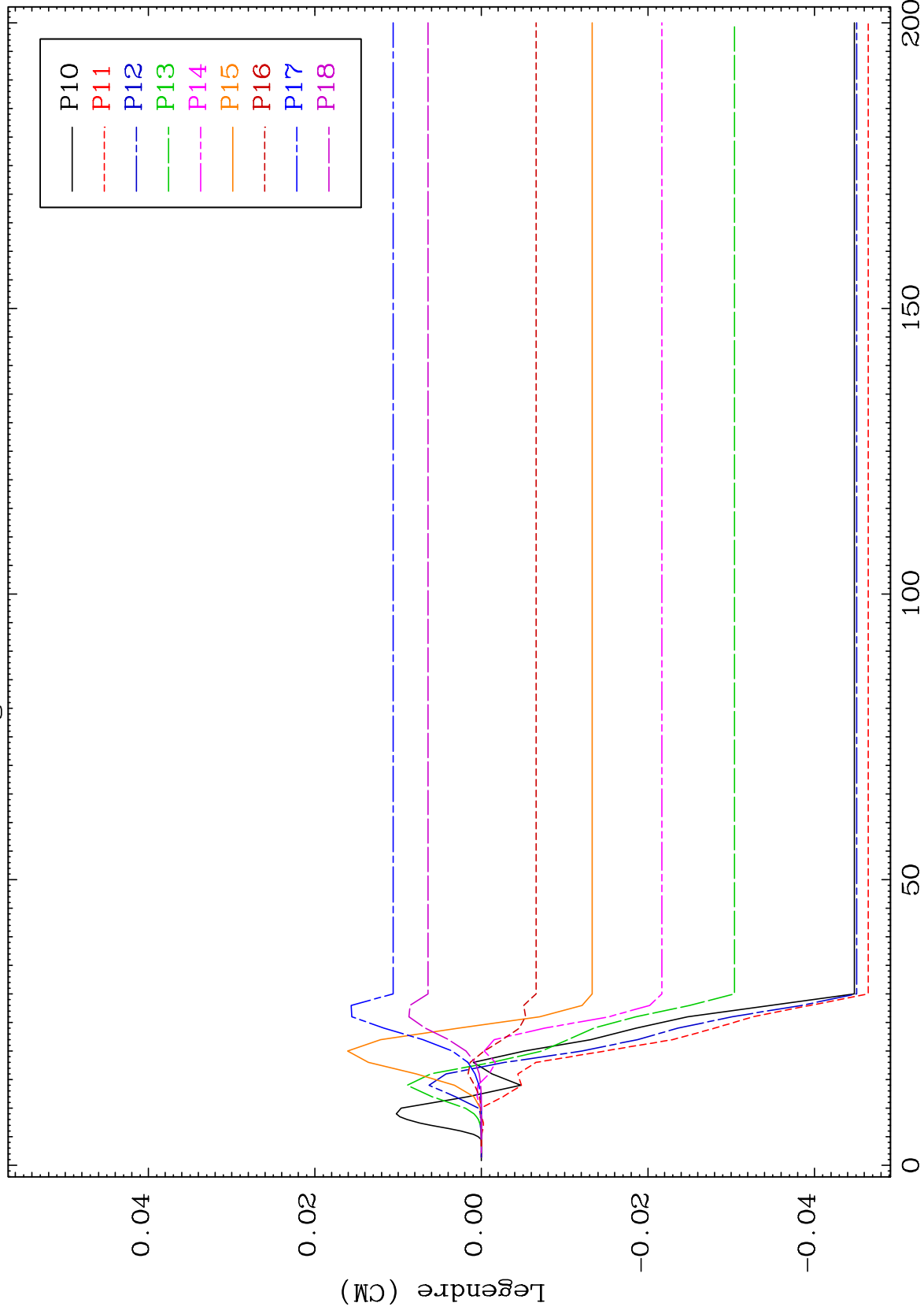
21

63-Eu-140

MAT 6292

174.6 keV (n,n') Level
Legendre Coefficients

63-Eu-140



22

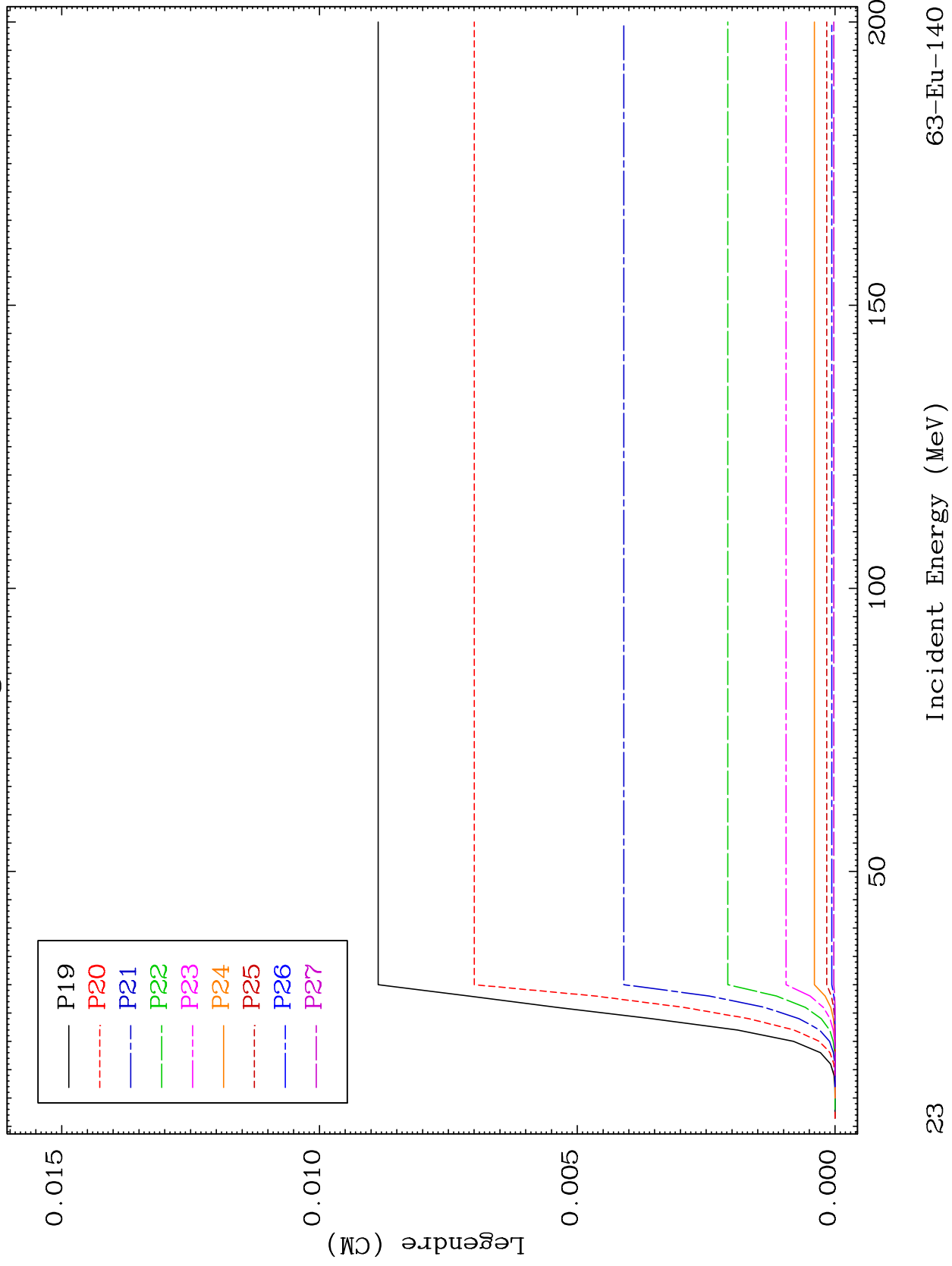
Incident Energy (MeV)

63-Eu-140

MAT 6292

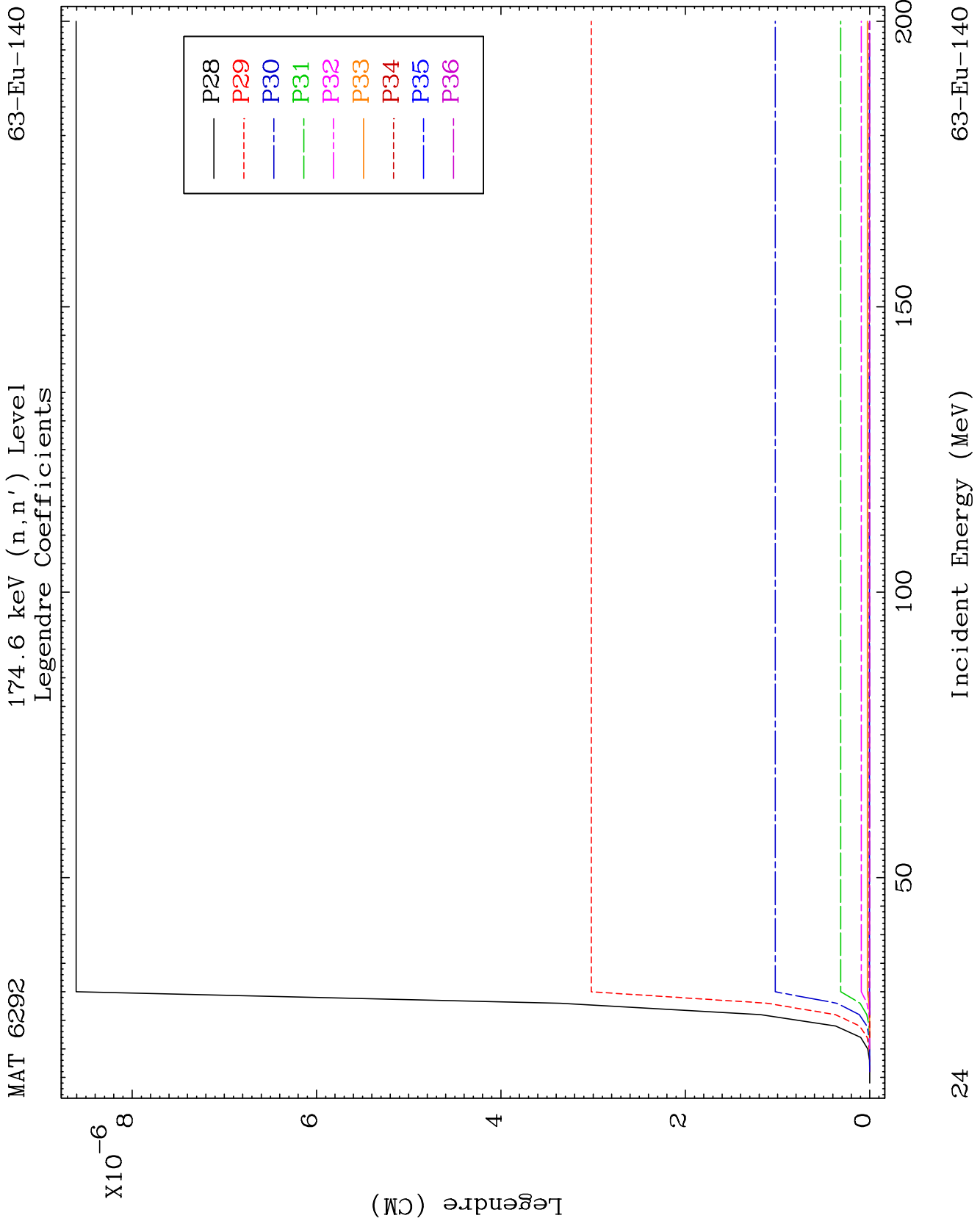
174.6 keV (n,n') Level
Legendre Coefficients

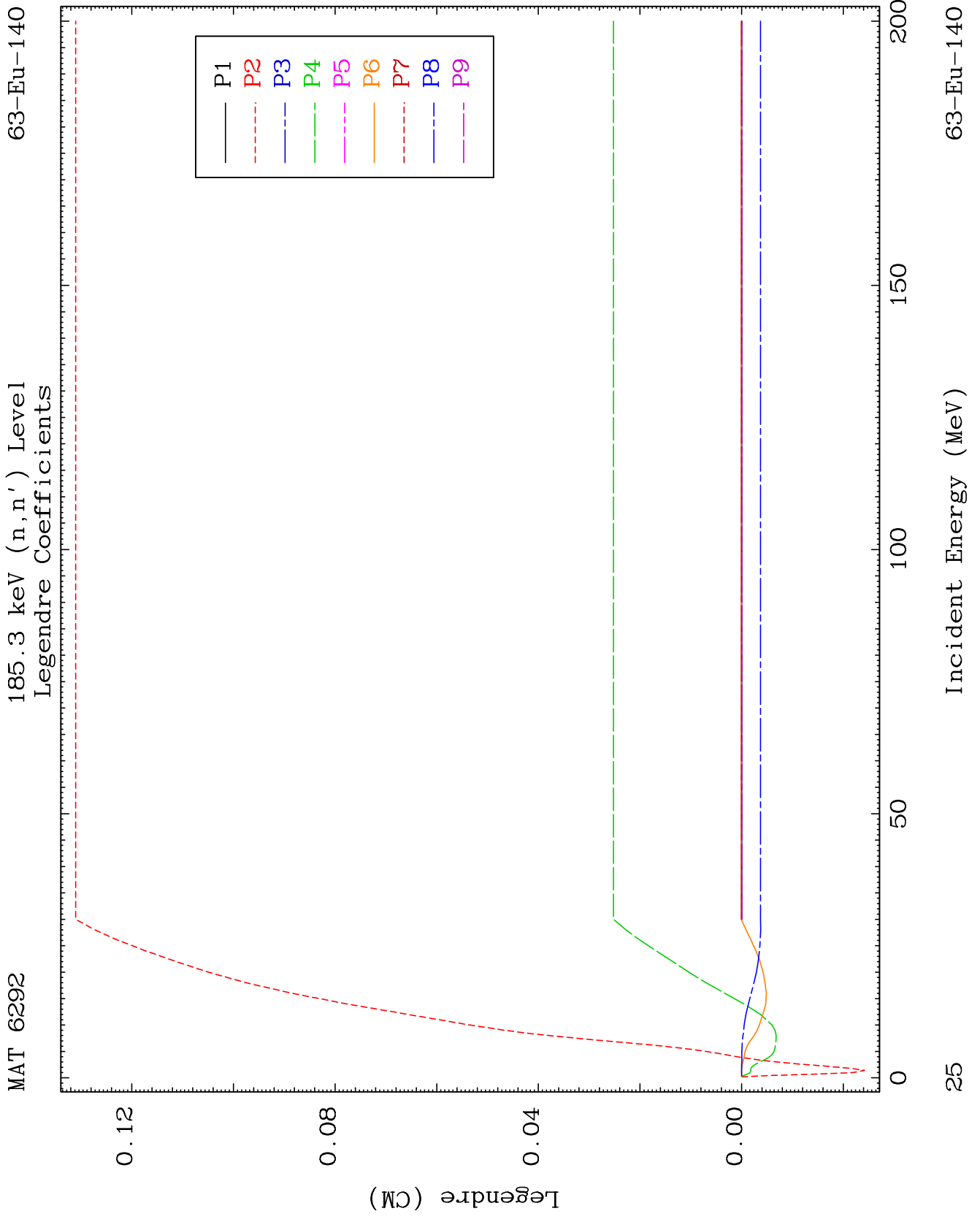
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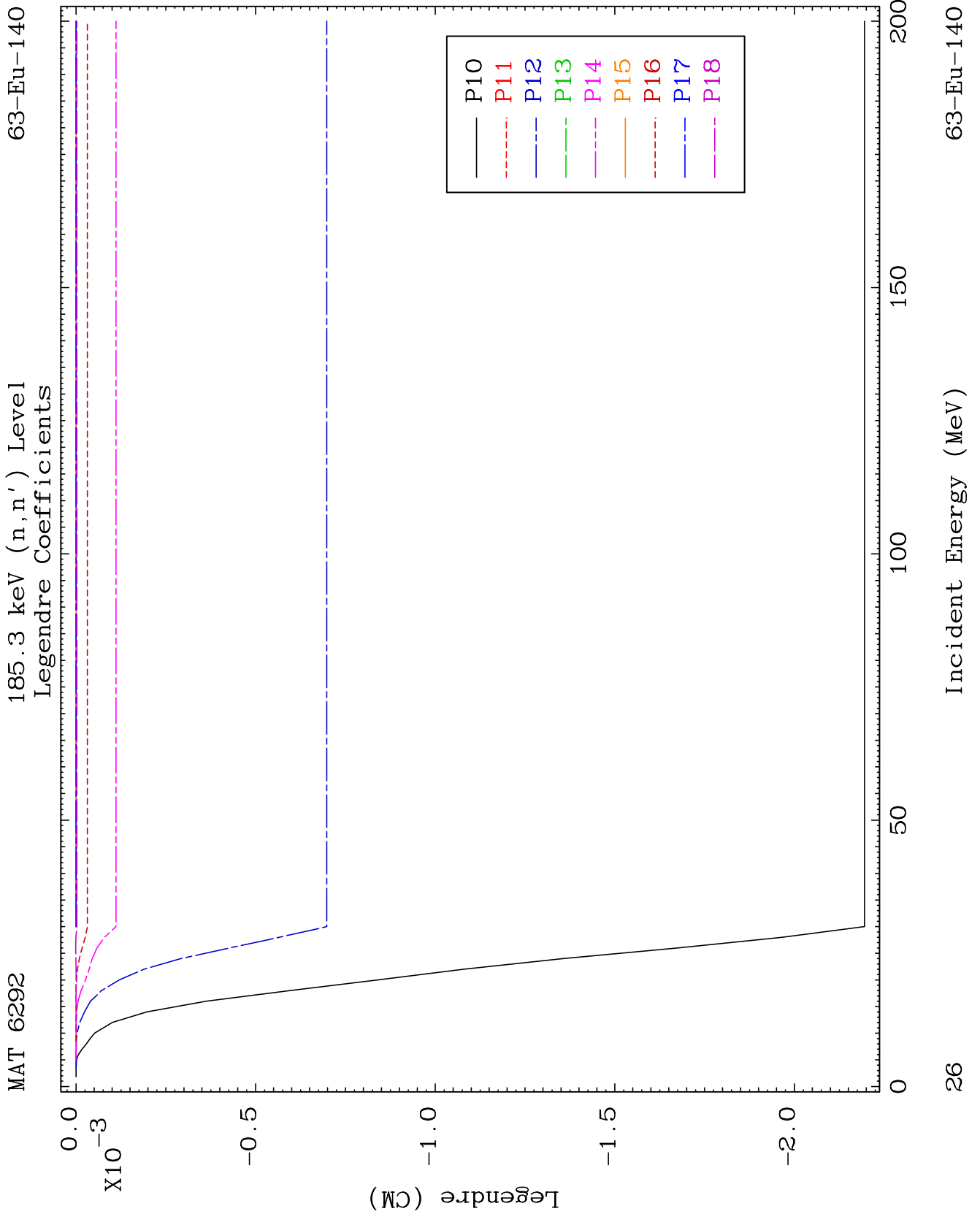


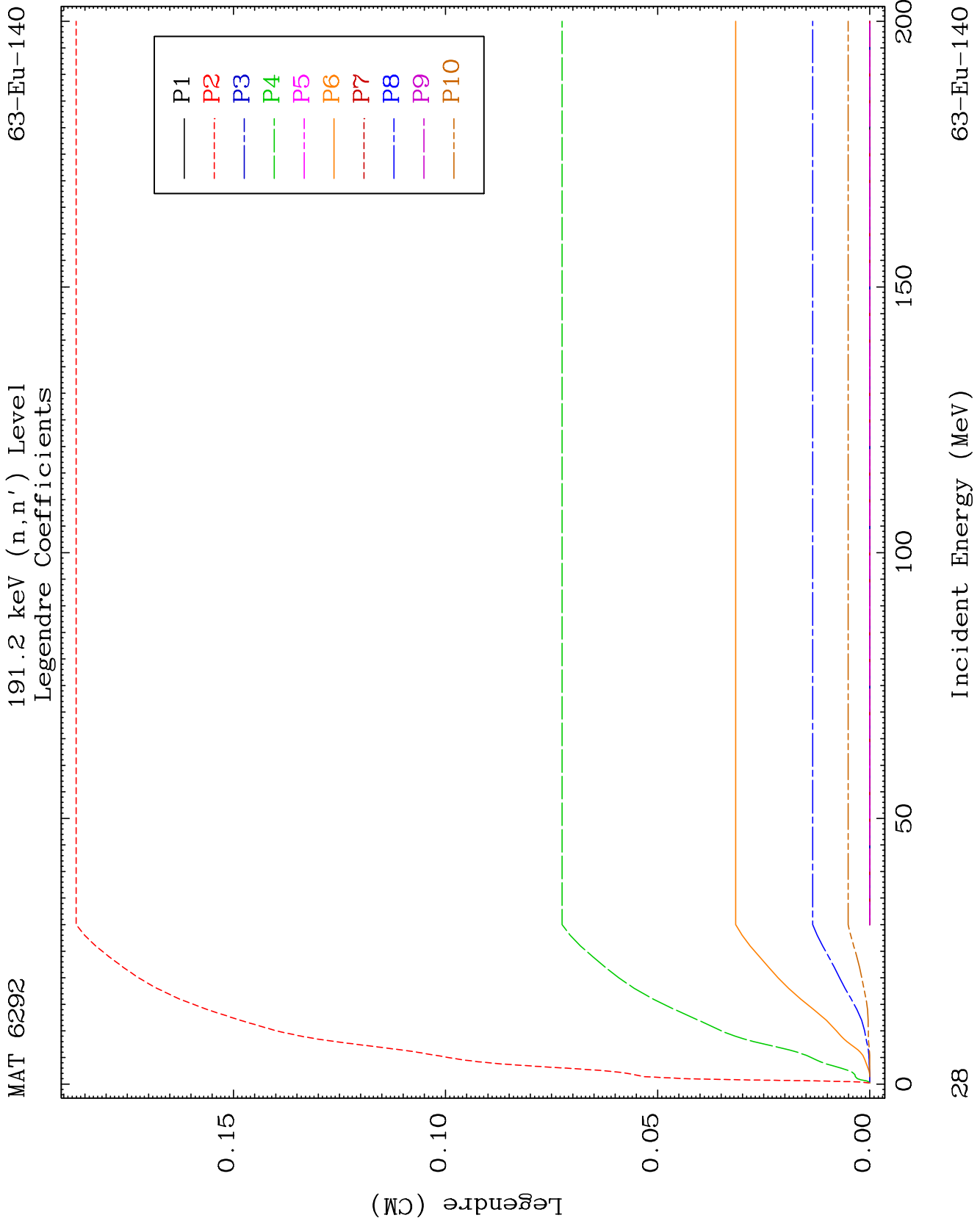
23

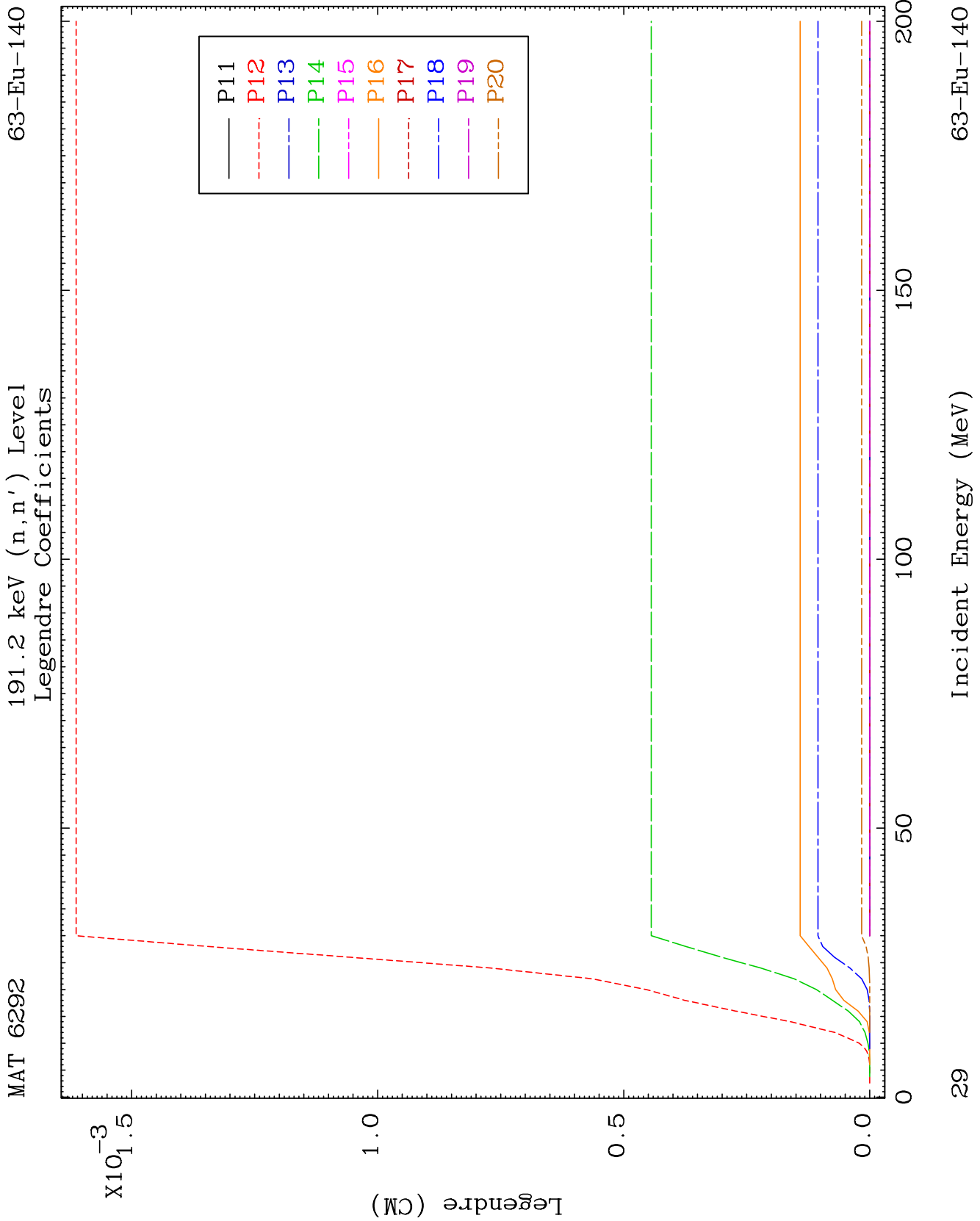
63-Eu-140

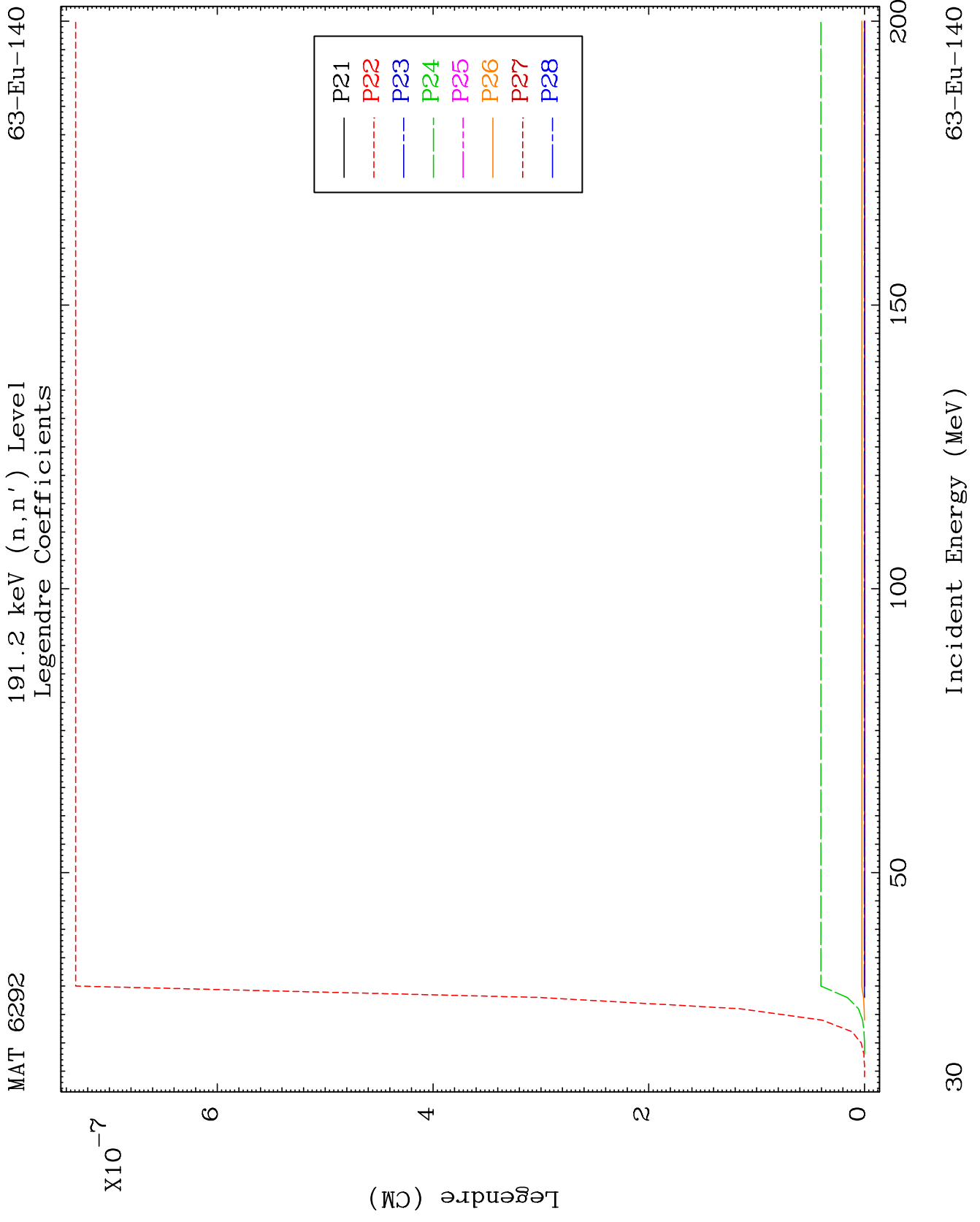


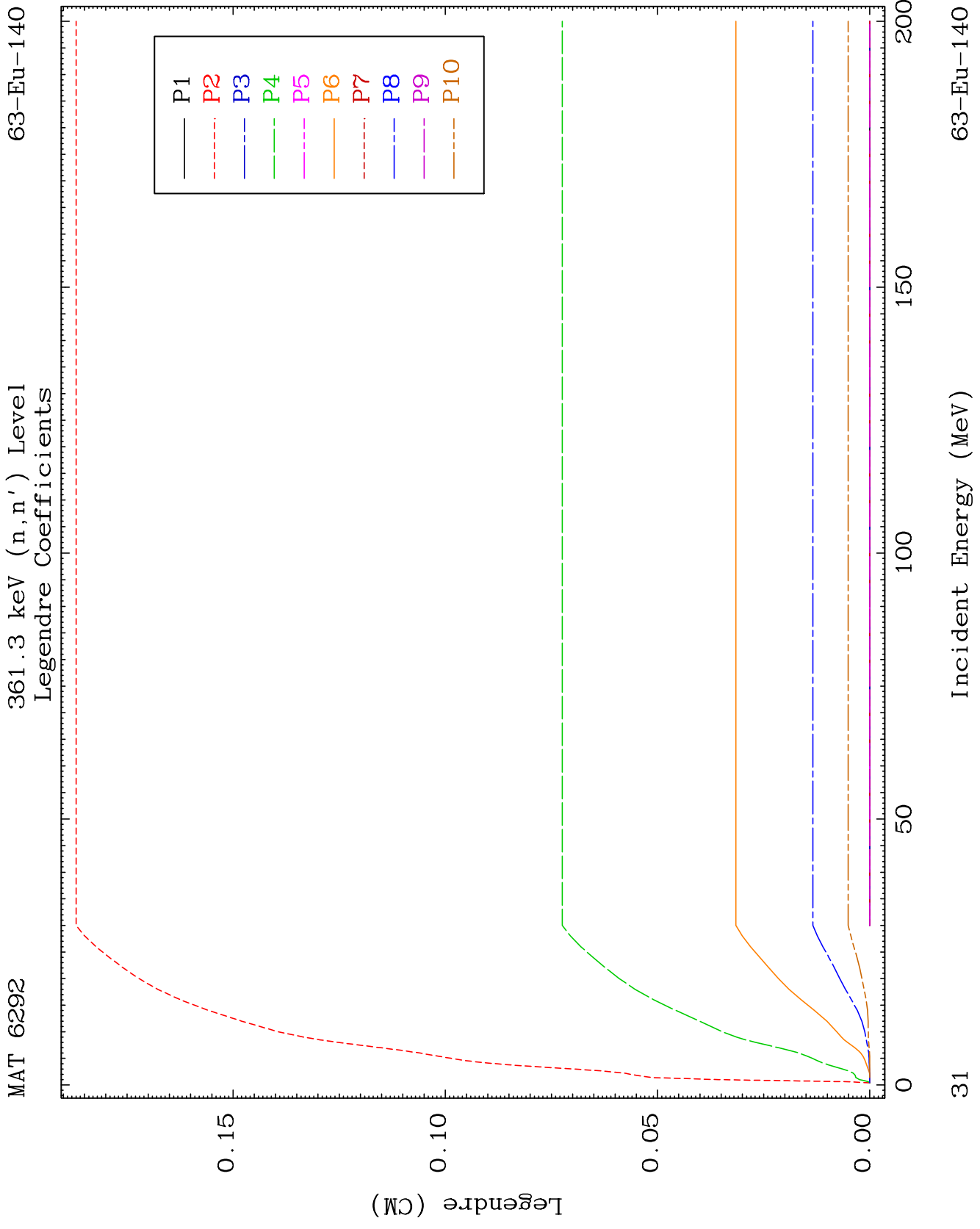


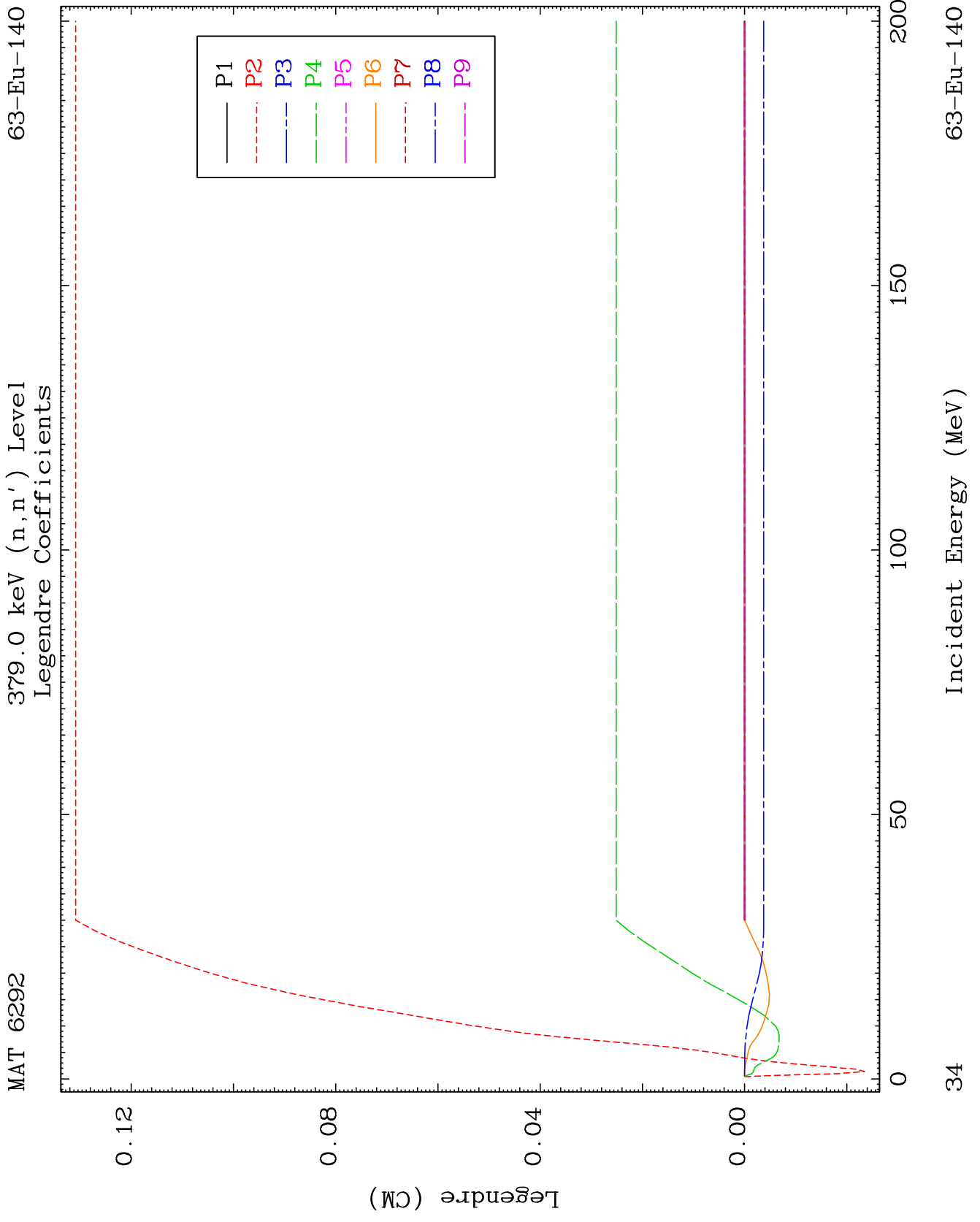


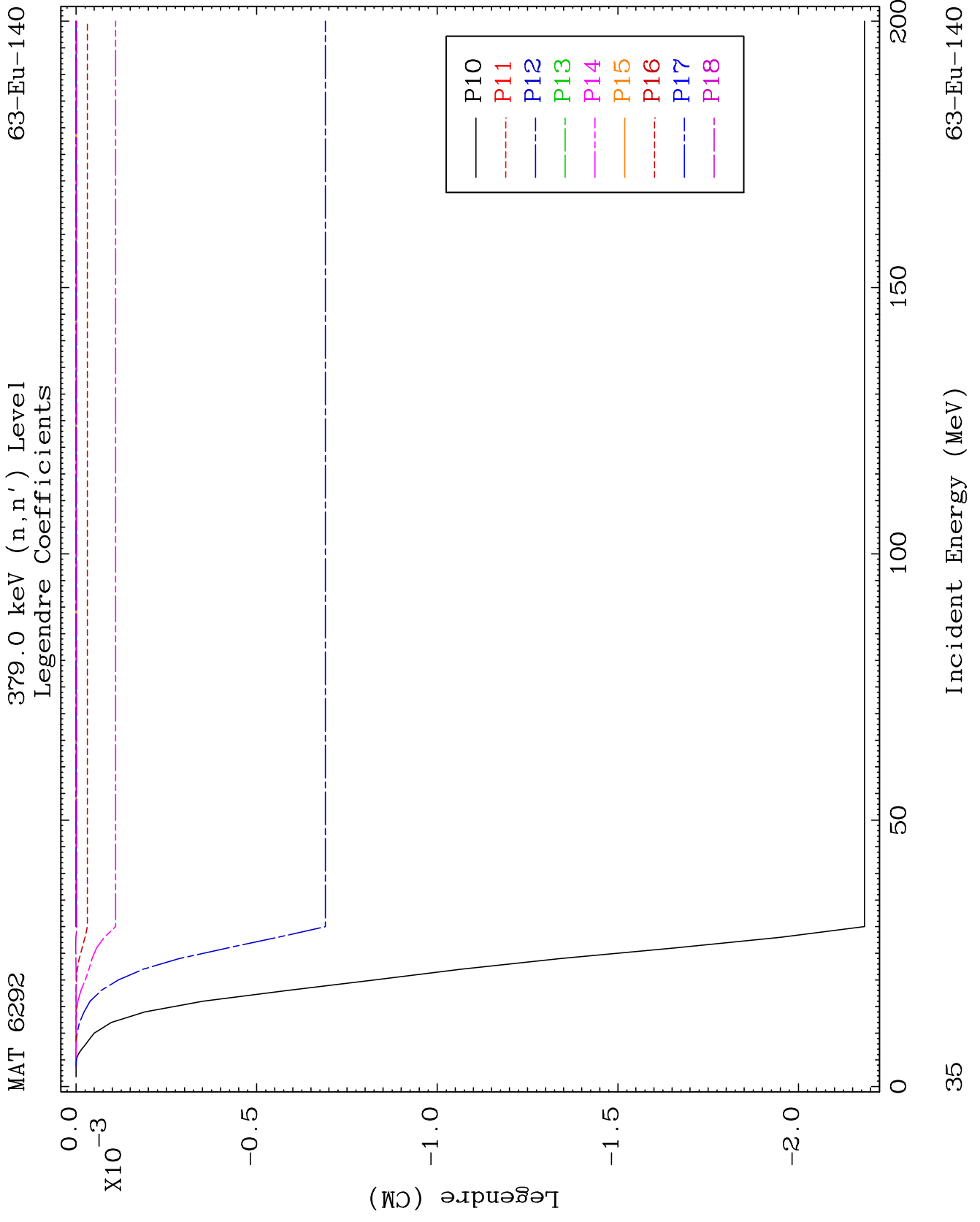


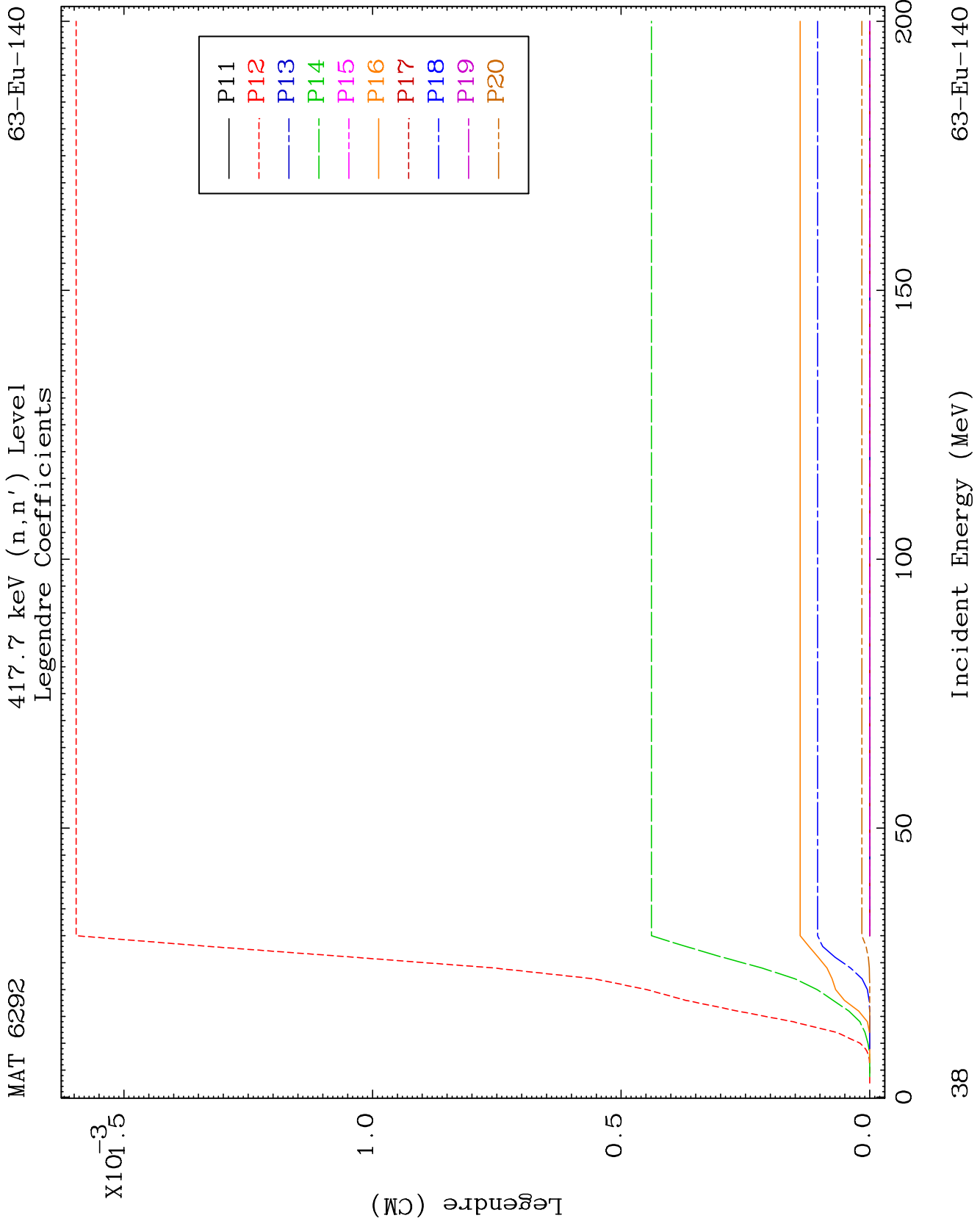


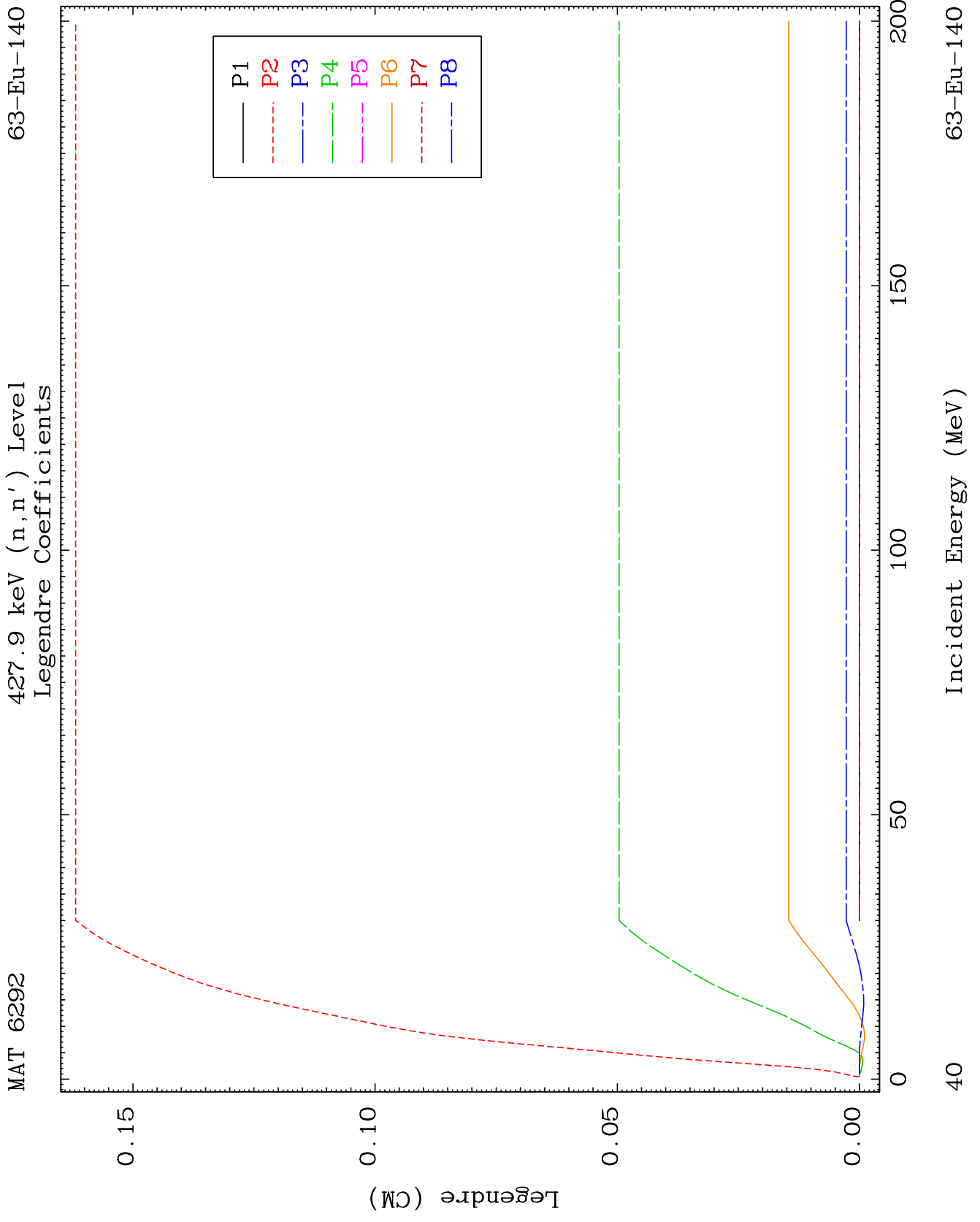








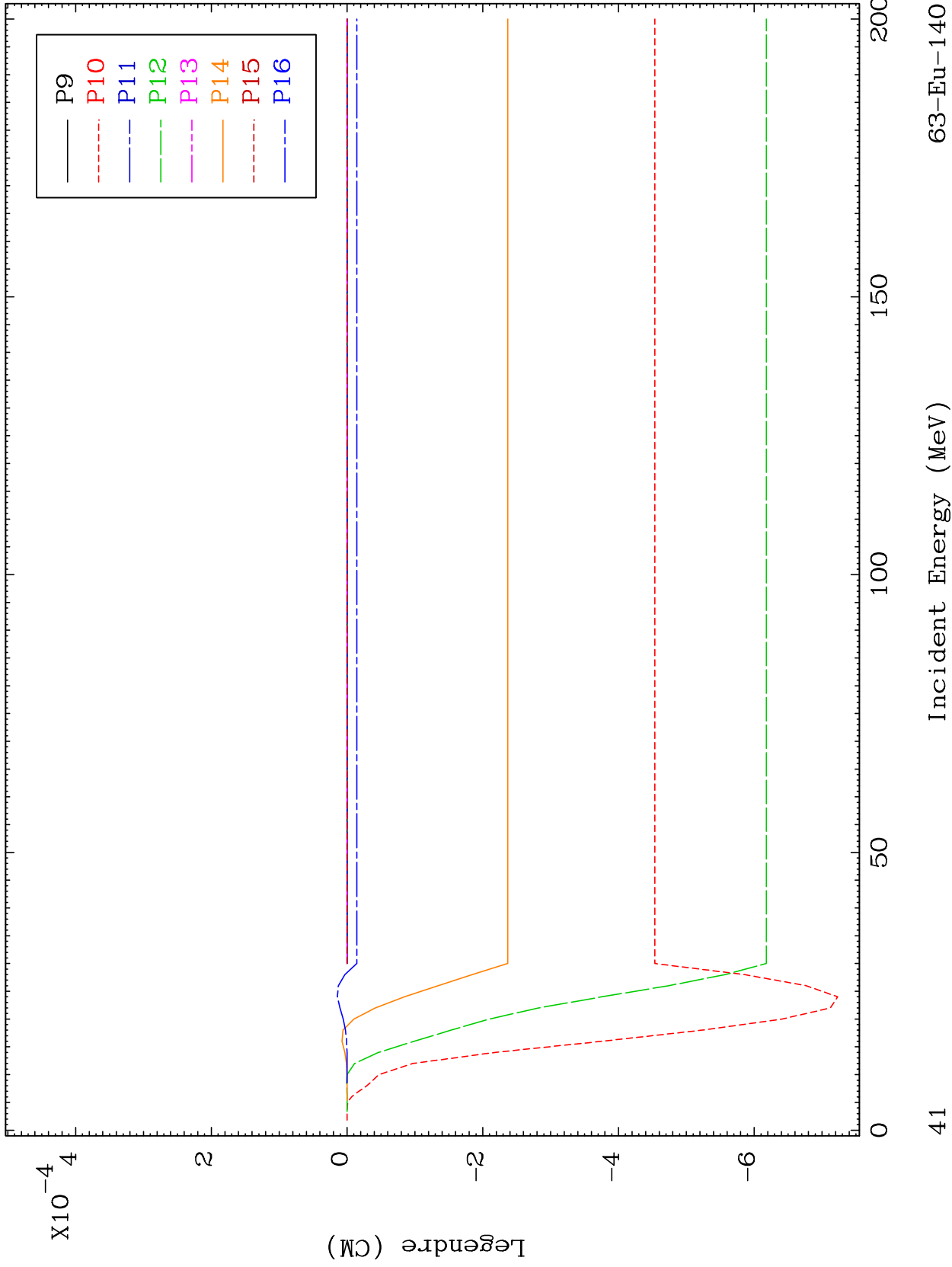




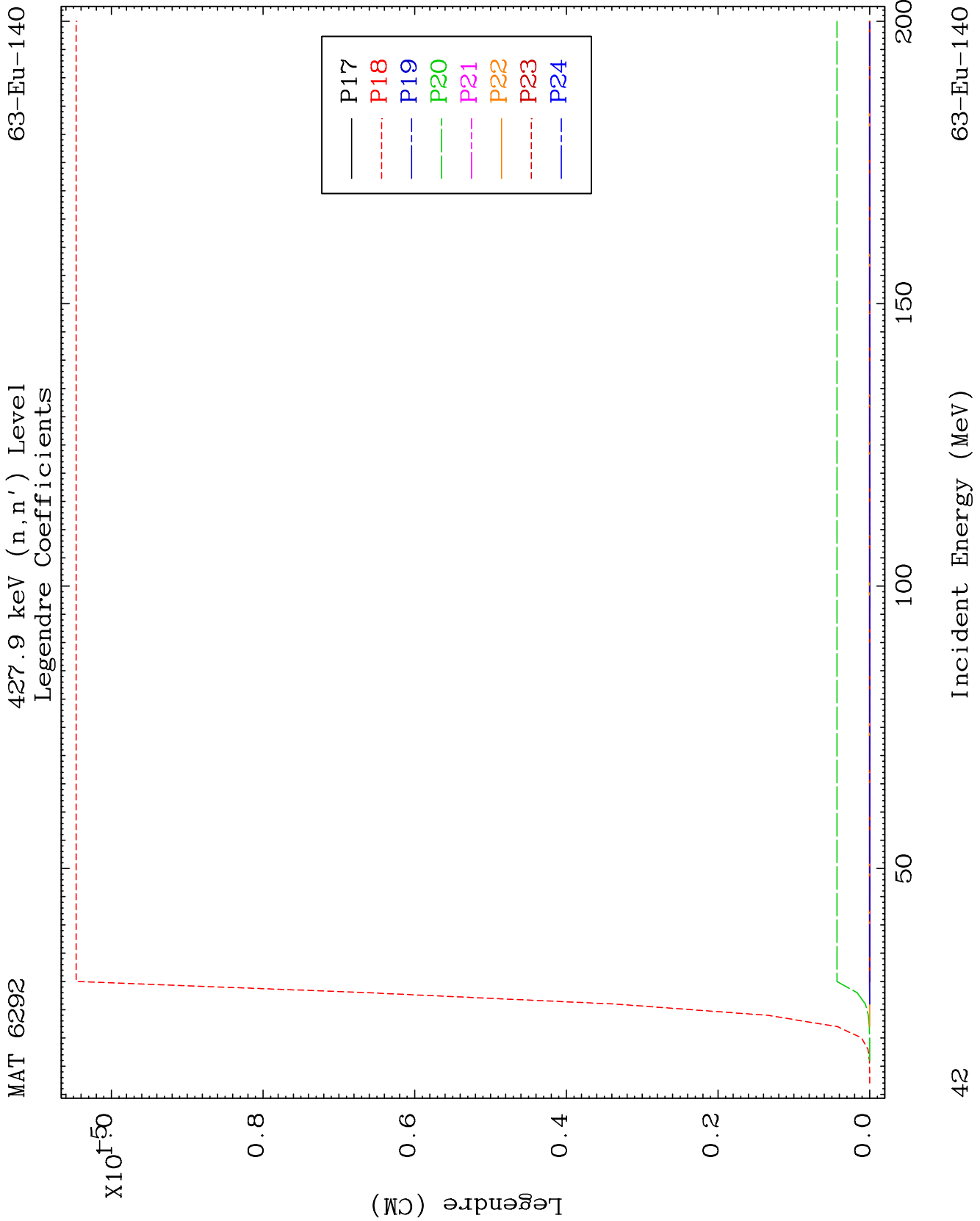
MAT 6292

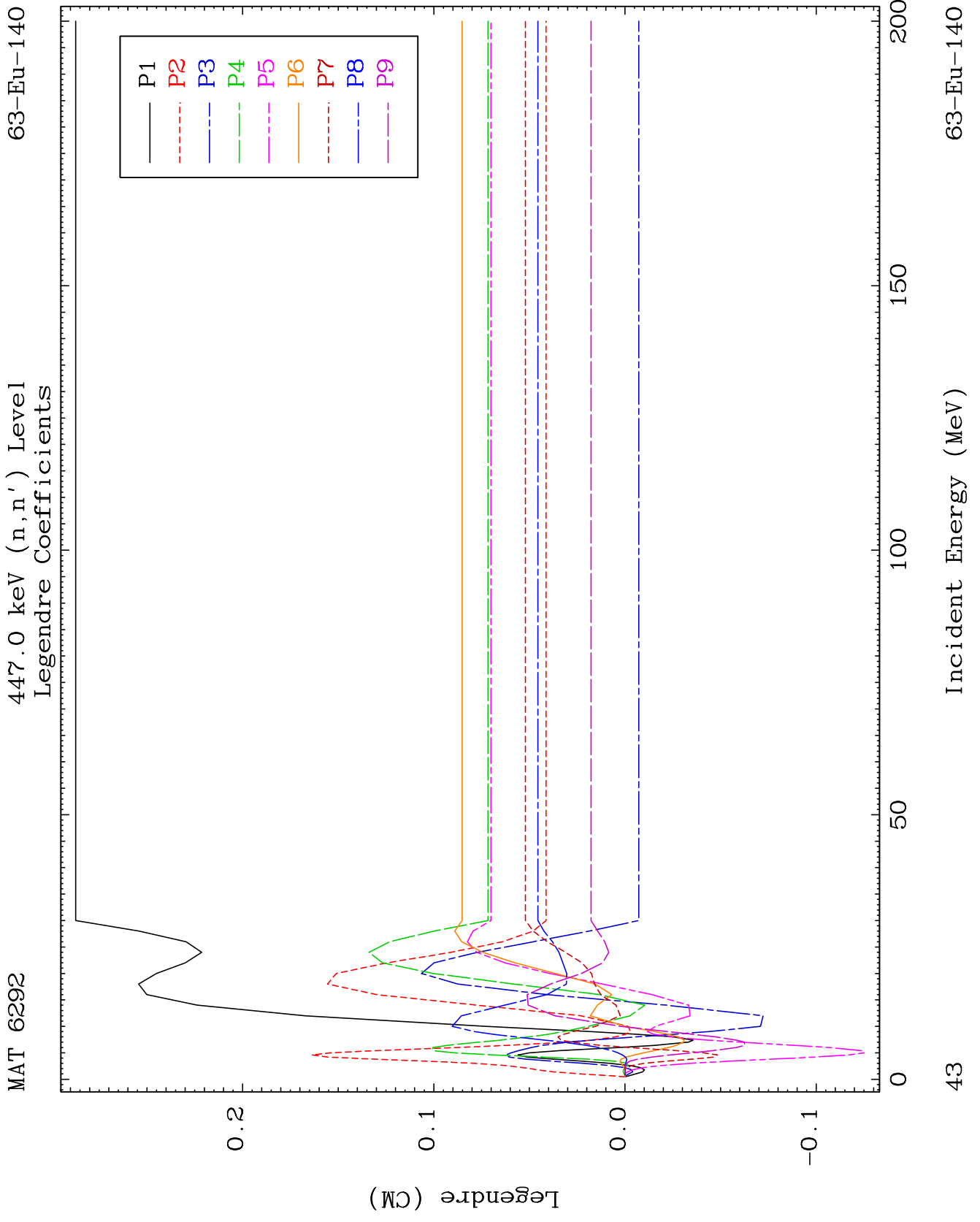
427.9 keV (n,n') Level
Legendre Coefficients

63-Eu-140



41

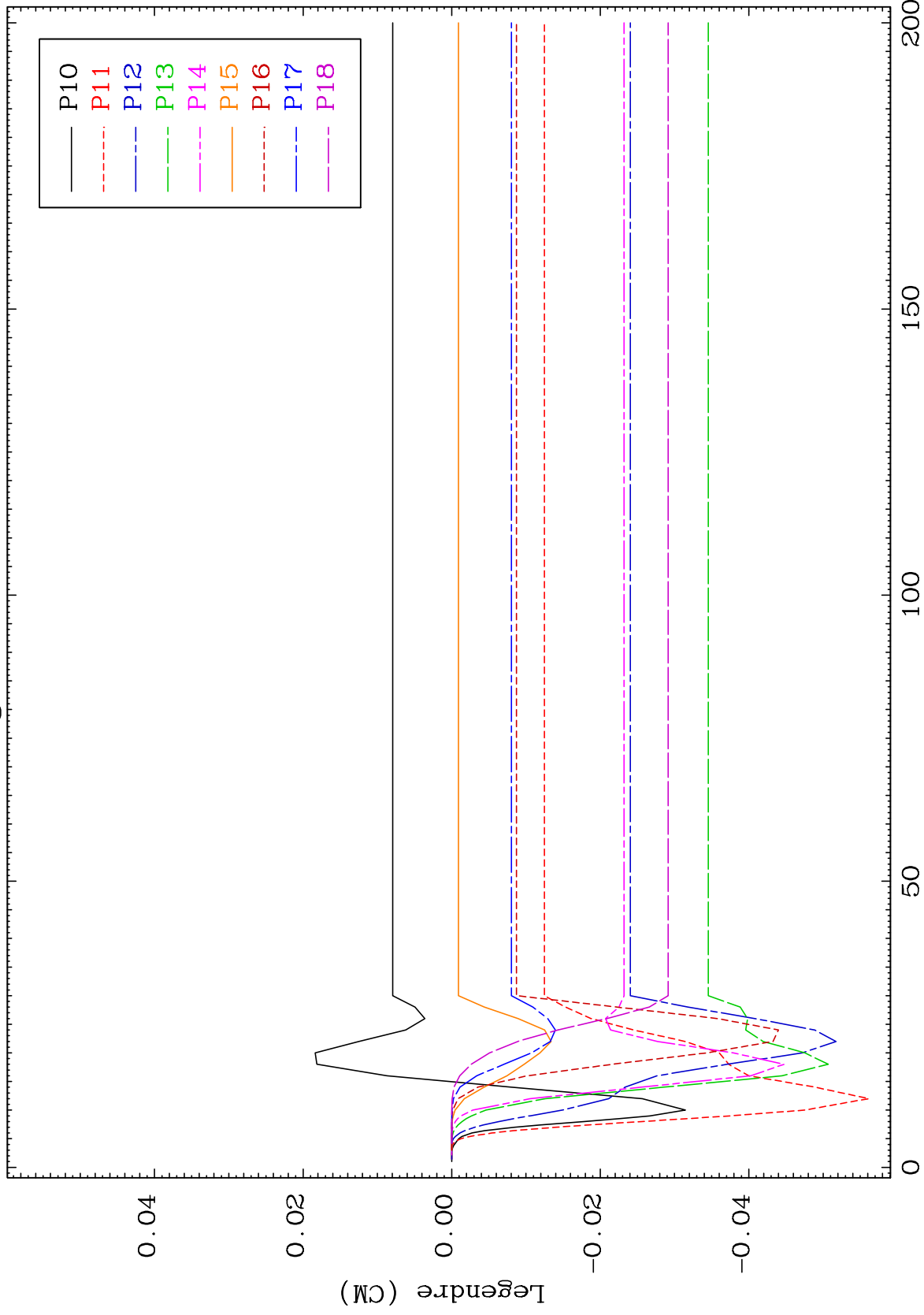




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447.0 keV (n,n') Level
Legendre Coefficients

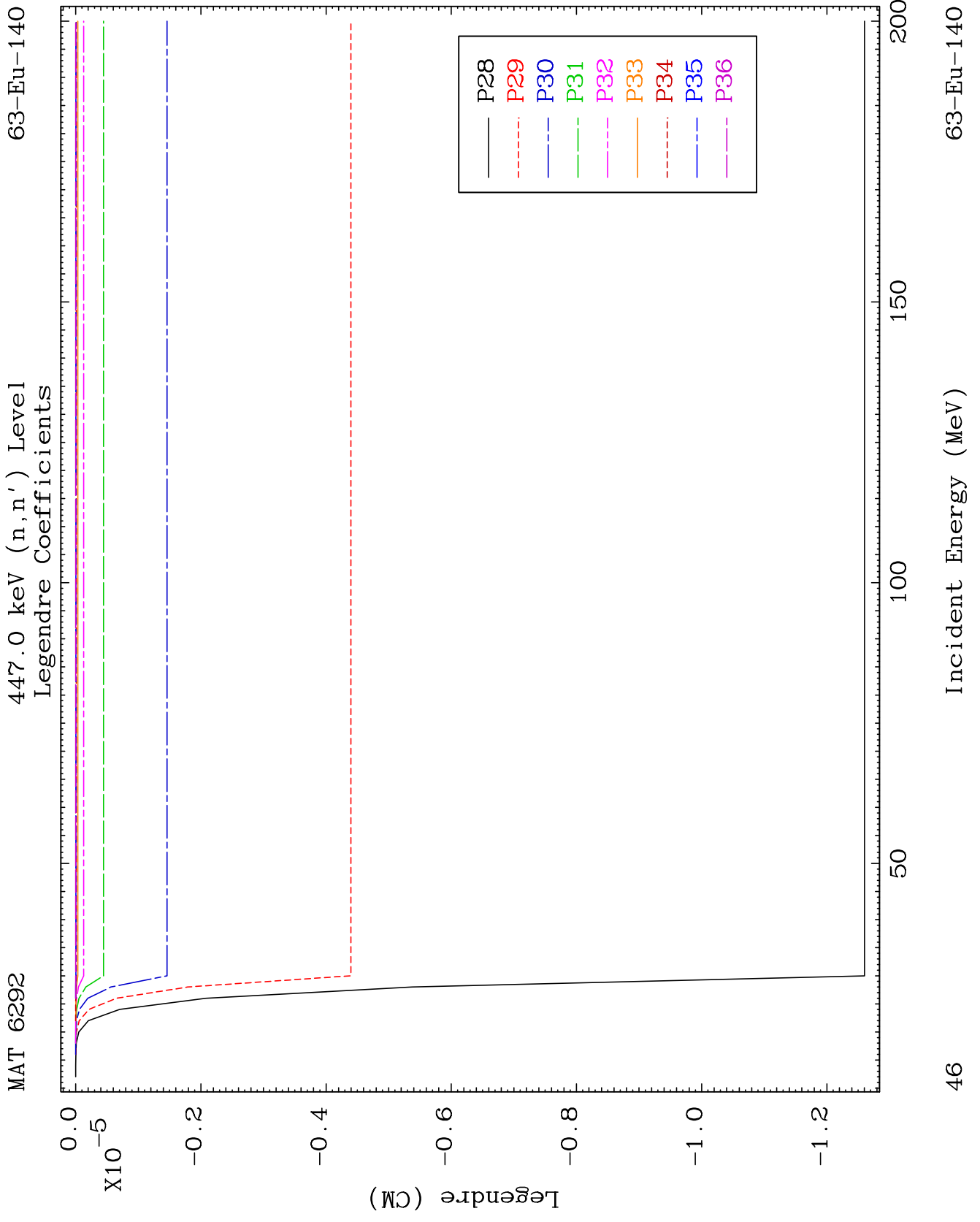
63-Eu-140



44

Incident Energy (MeV)

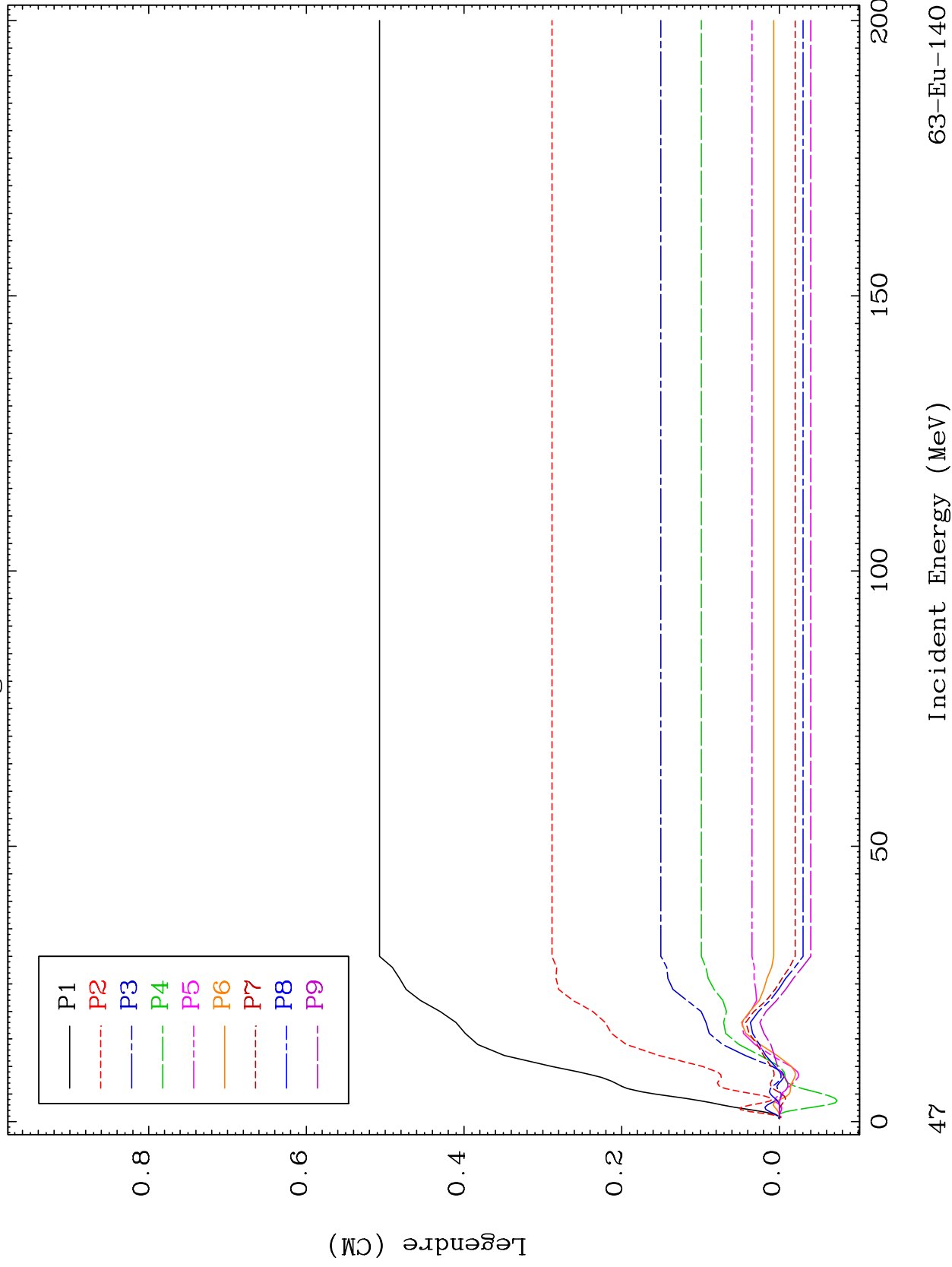
63-Eu-140



MAT 6292

453.2 keV (n,n') Level
Legendre Coefficients

63-Eu-140



63-Eu-140

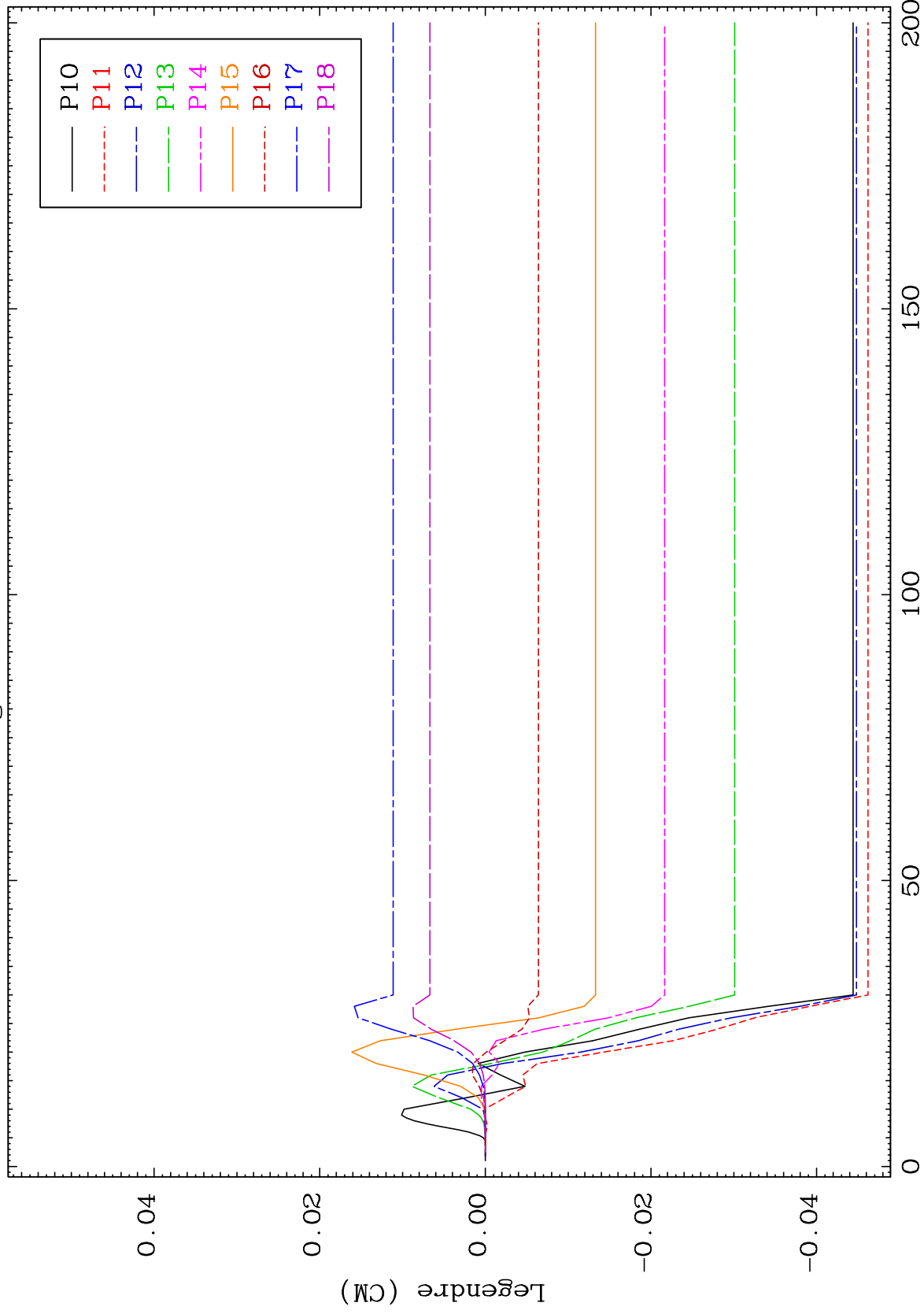
Incident Energy (MeV)

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MAT 6292

453.2 keV (n, n') Level
Legendre Coefficients

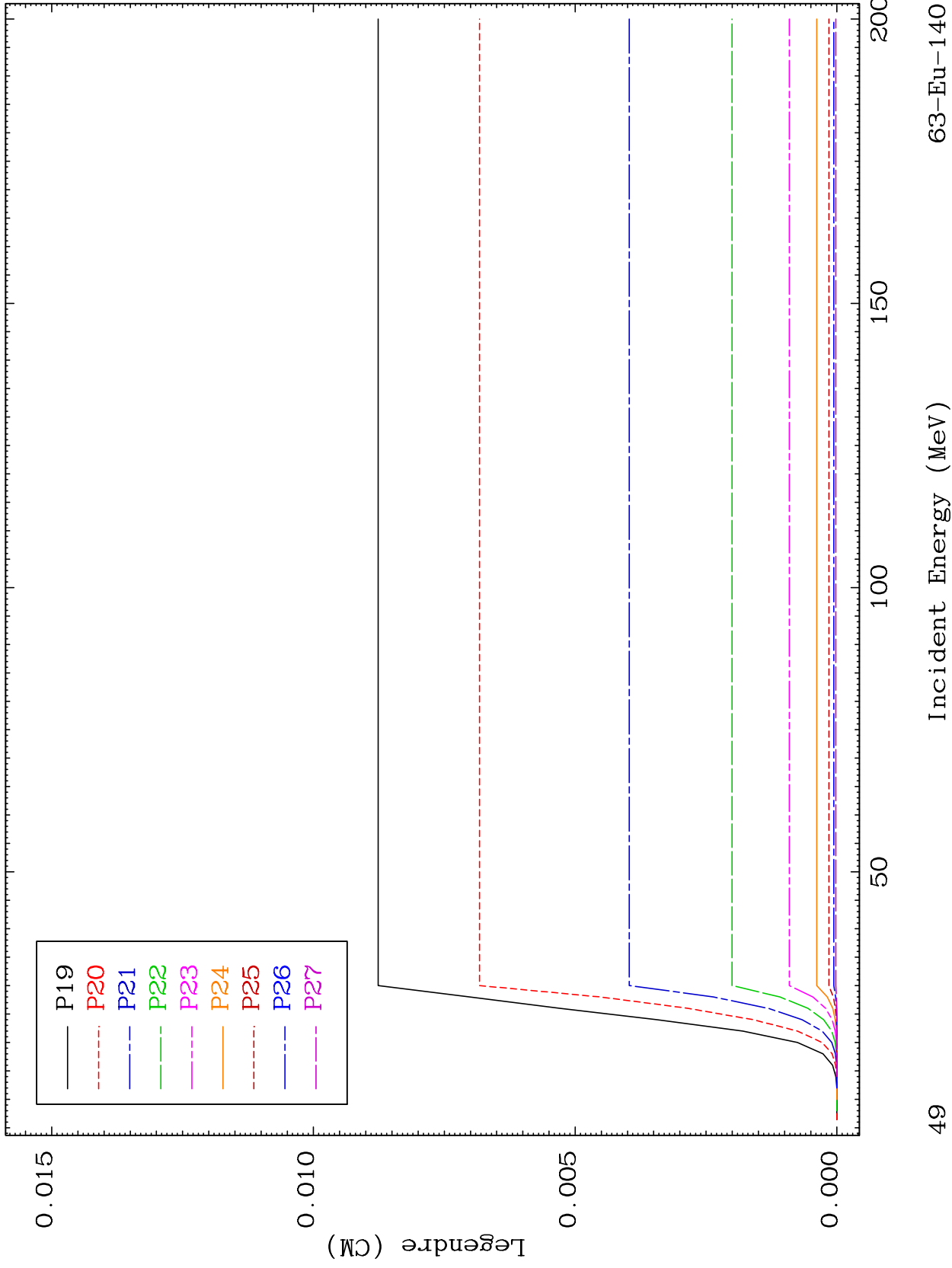
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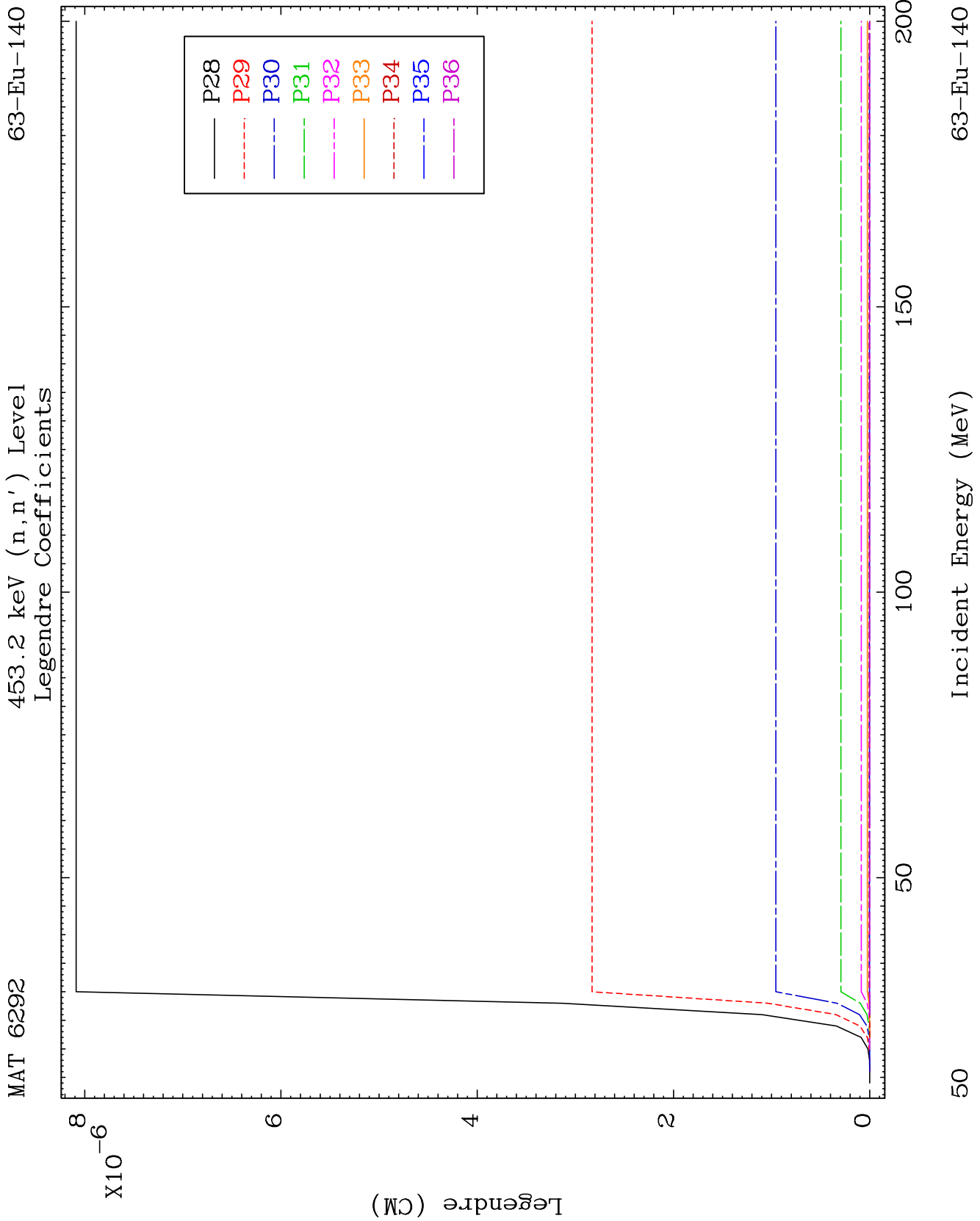


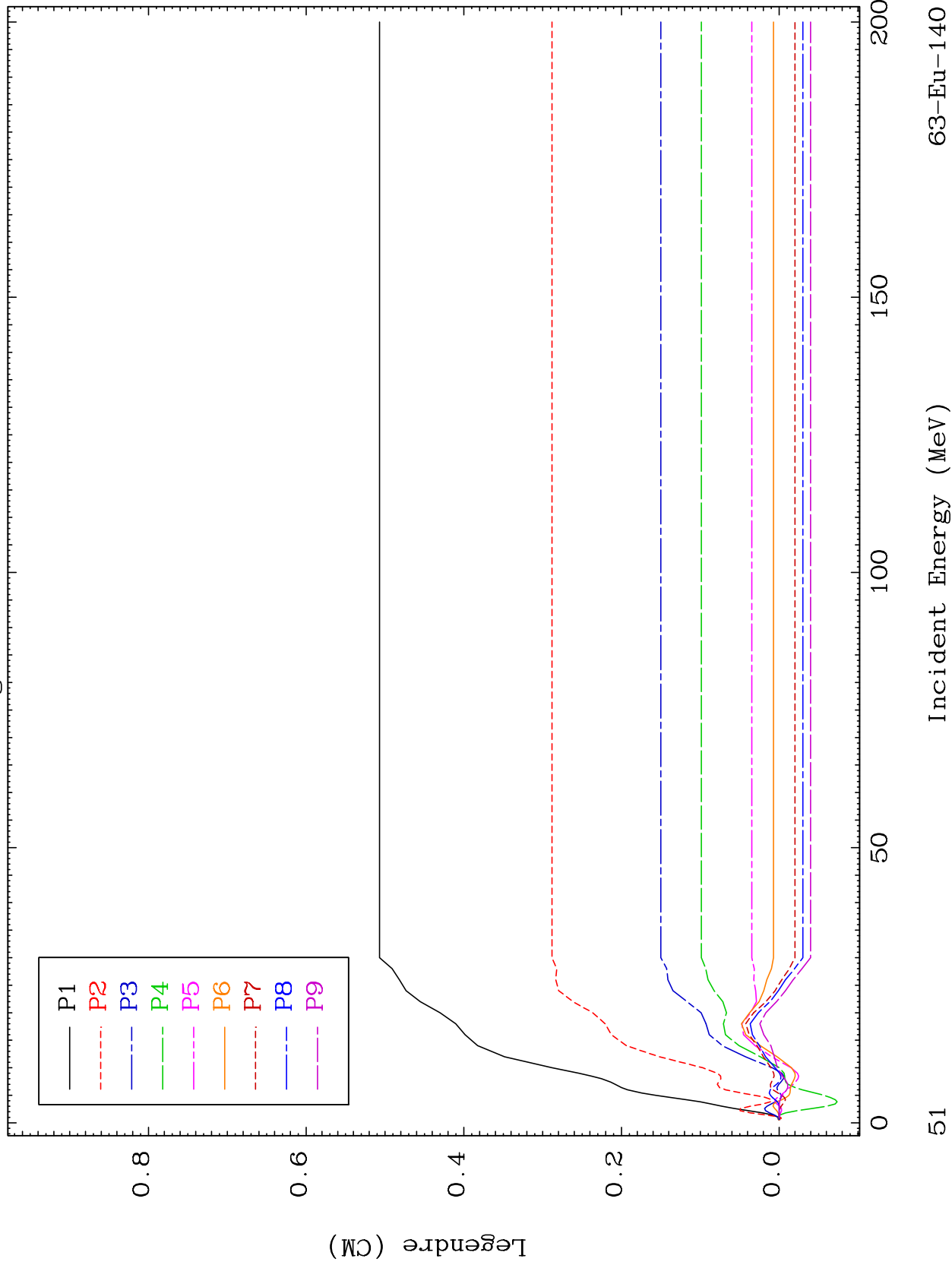
48

Incident Energy (MeV)

63-Eu-140



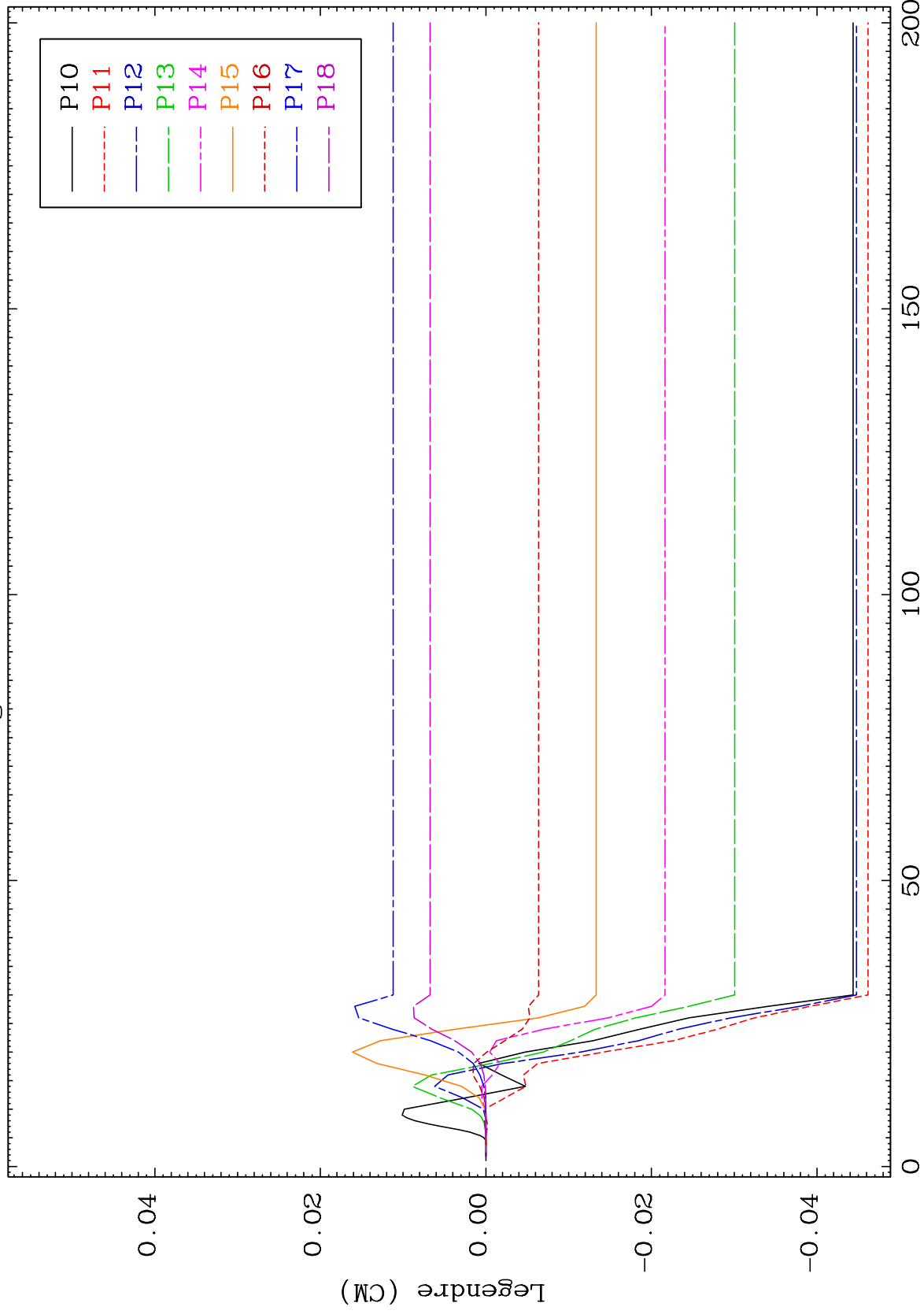




MAT 6292

488.1 keV (n,n') Level
Legendre Coefficients

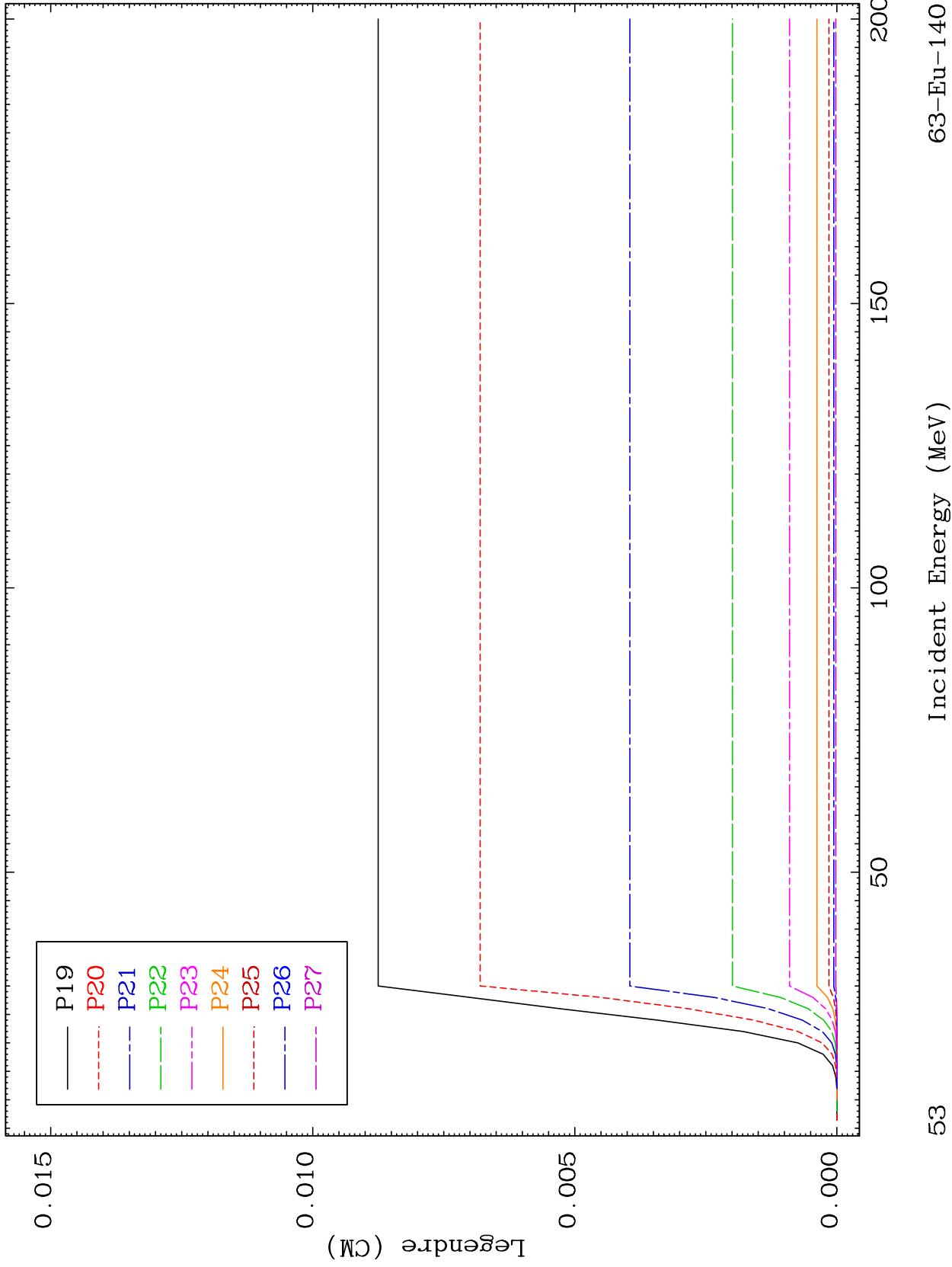
63-Eu-140



52

Incident Energy (MeV)

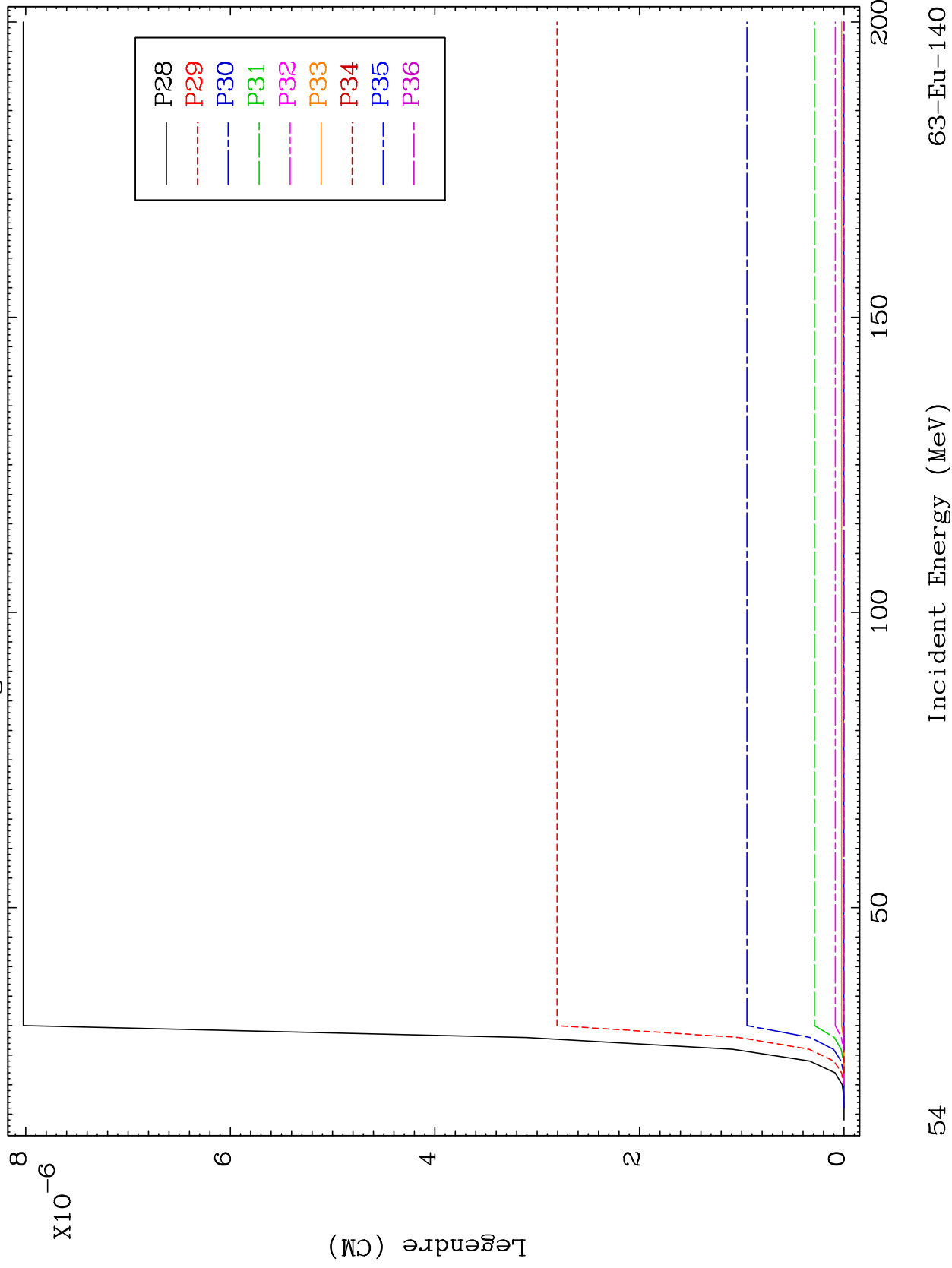
63-Eu-140



MAT 6292

488.1 keV (n,n') Level
Legendre Coefficients

63-Eu-140



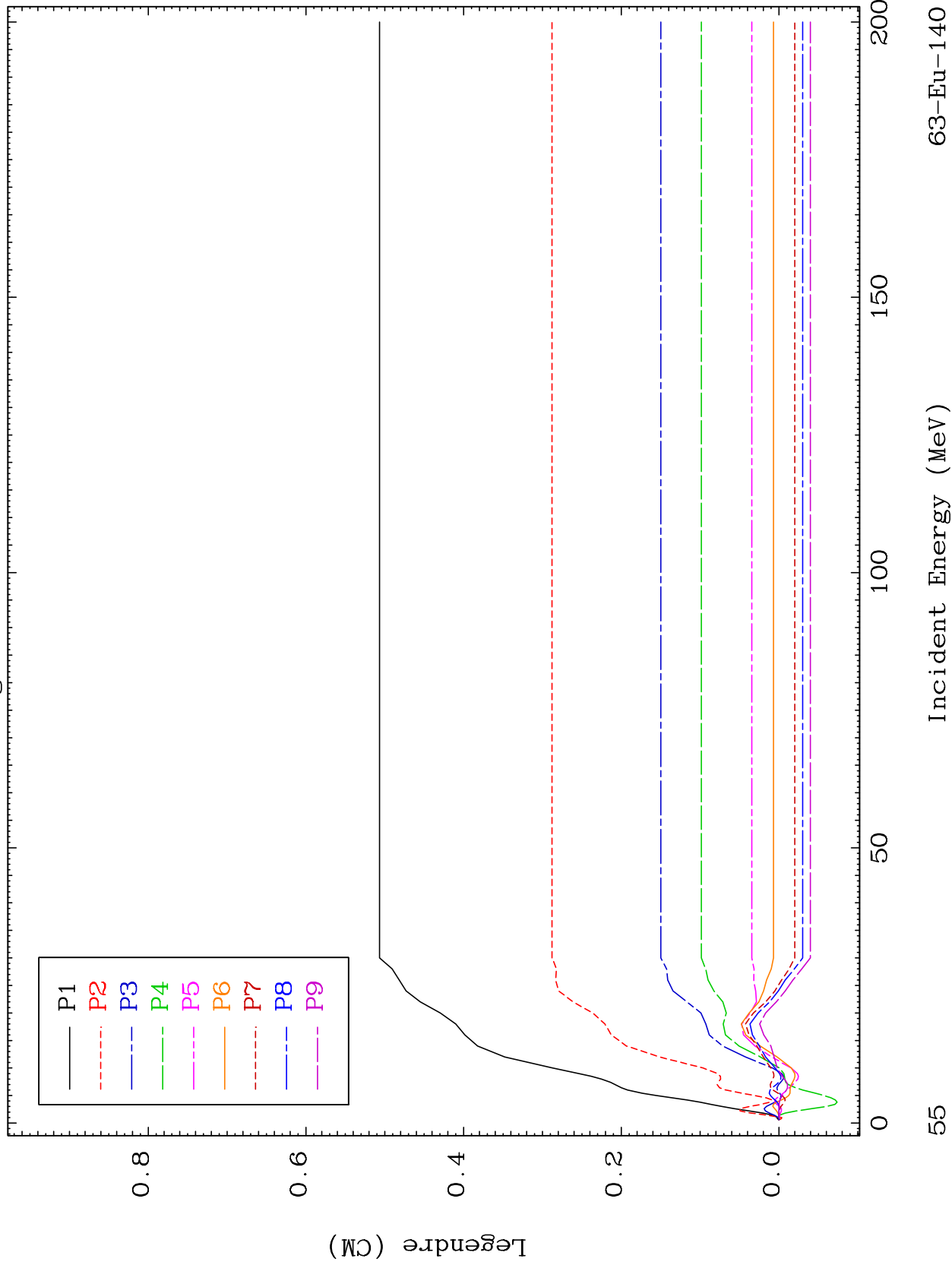
54

63-Eu-140

MAT 6292

535.7 keV (n,n') Level
Legendre Coefficients

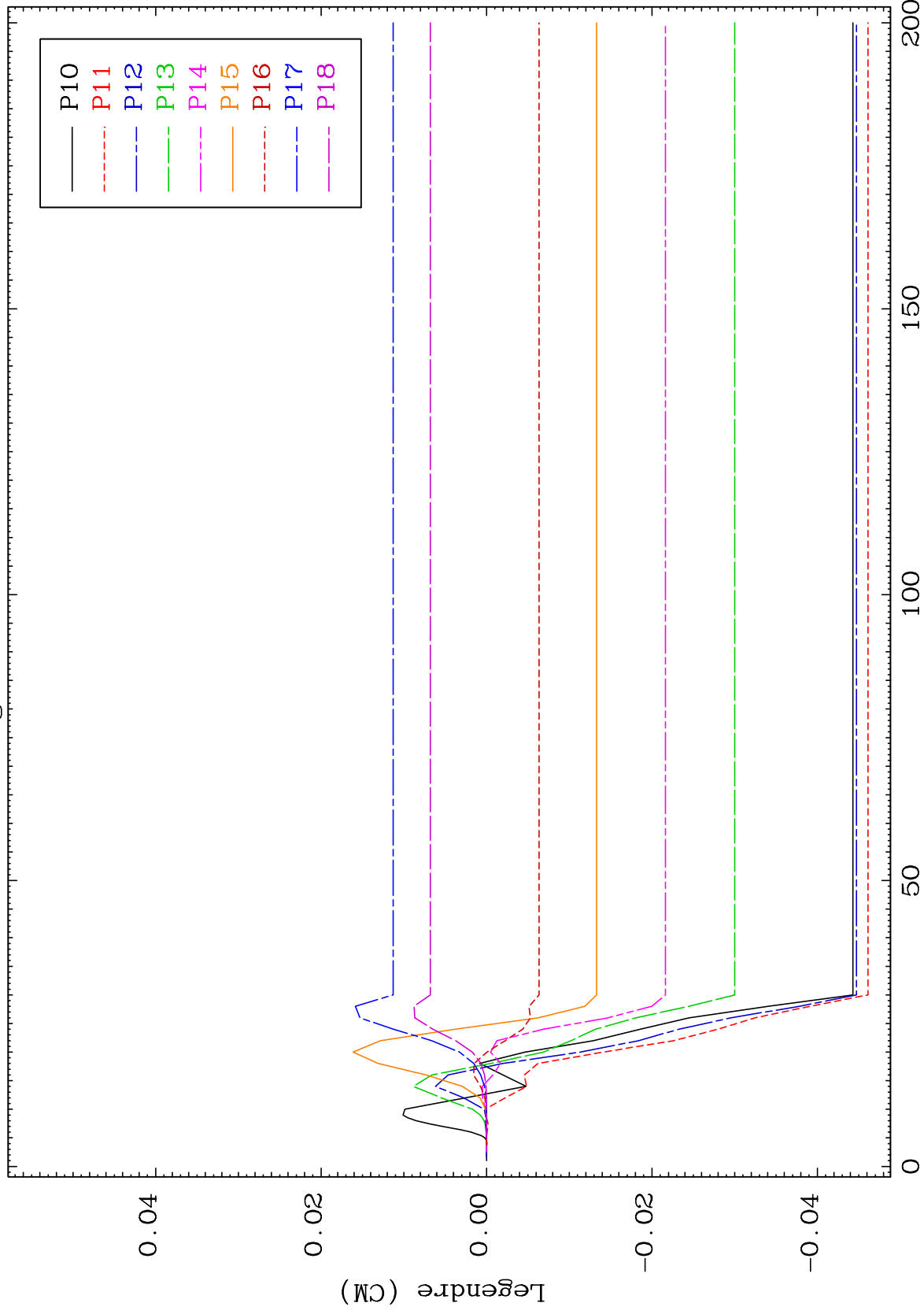
63-Eu-140



MAT 6292

535.7 keV (n,n') Level
Legendre Coefficients

63-Eu-140



56

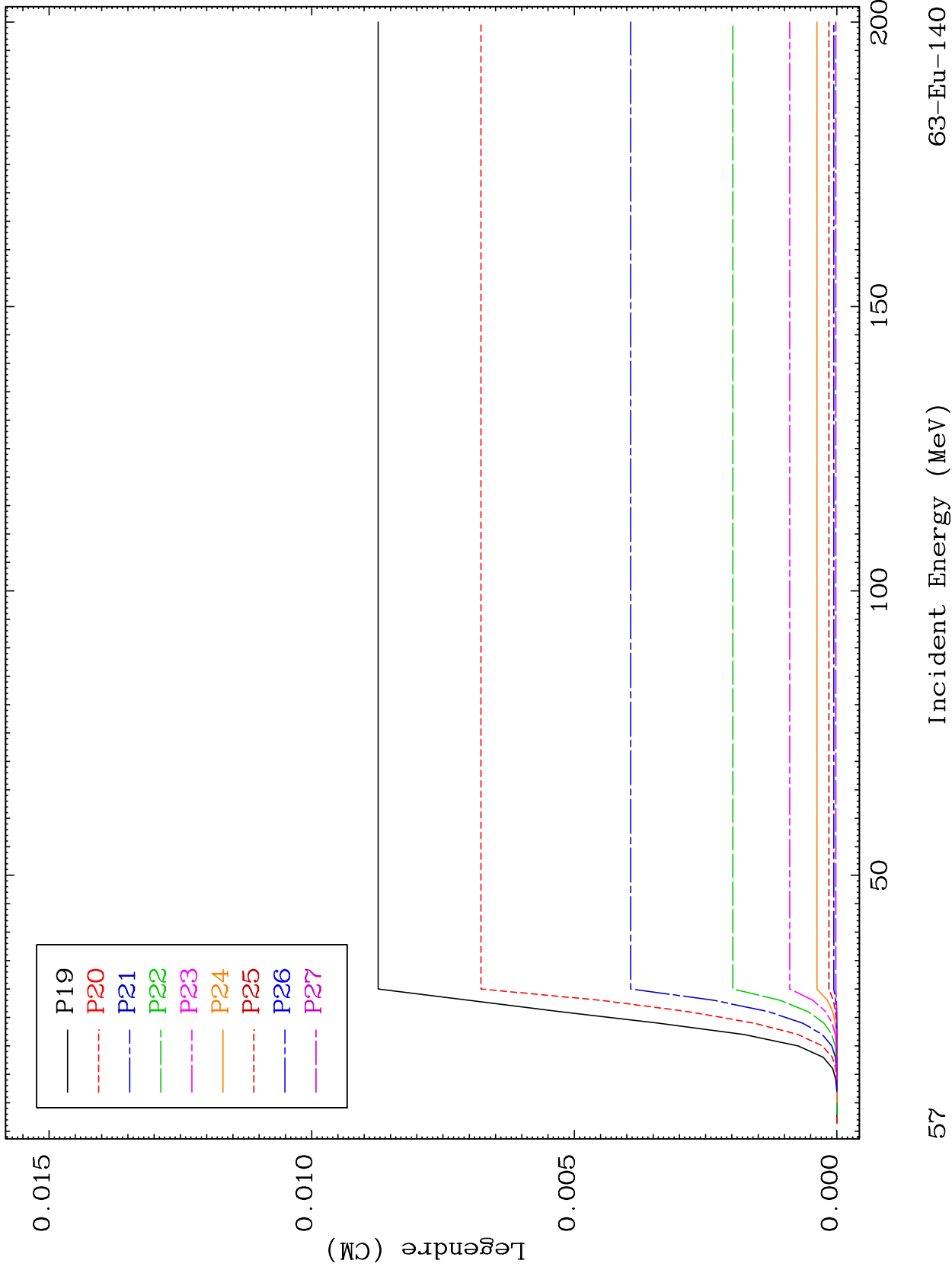
Incident Energy (MeV)

63-Eu-140

MAT 6292

535.7 keV (n,n') Level
Legendre Coefficients

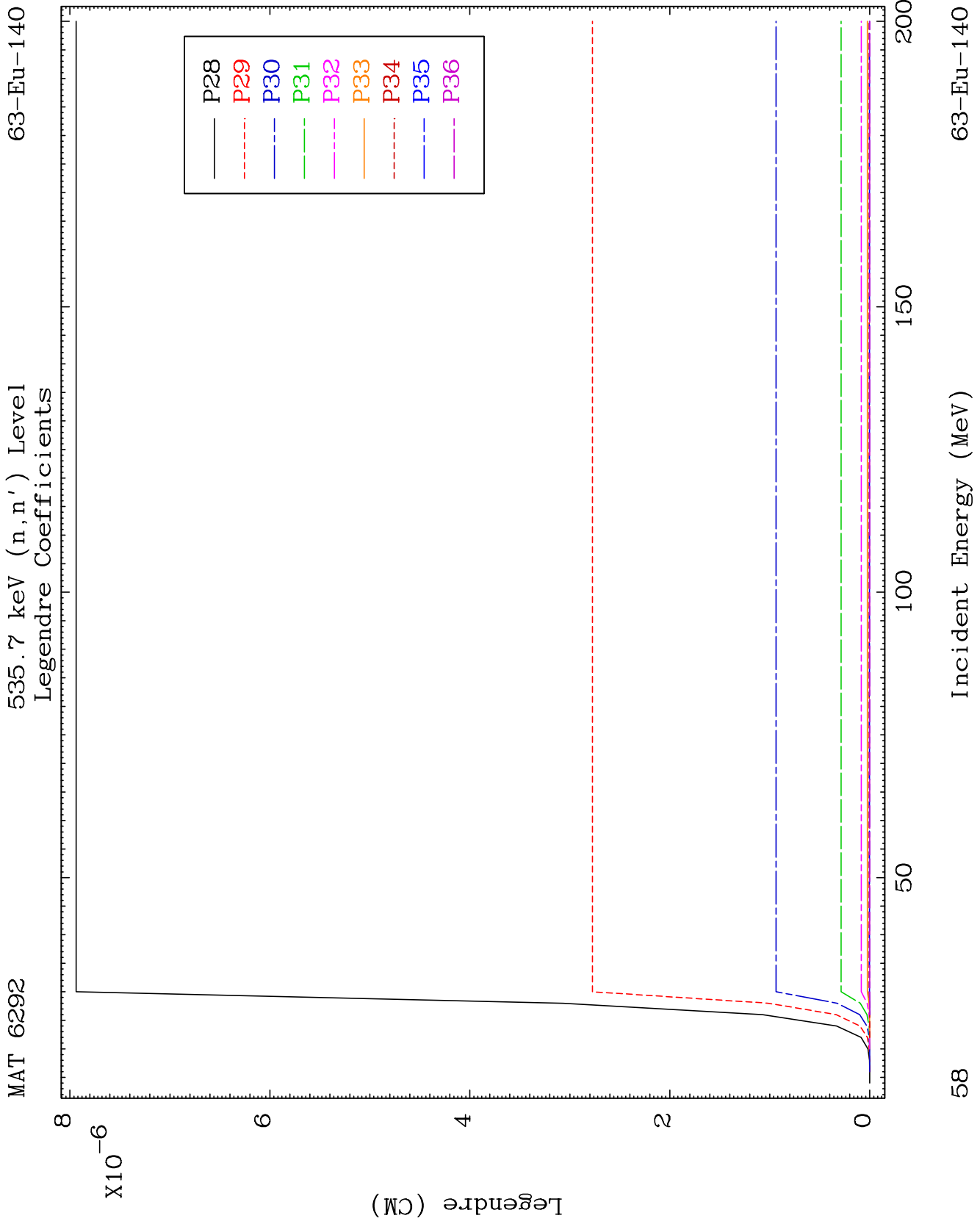
63-Eu-140



57

Incident Energy (MeV)

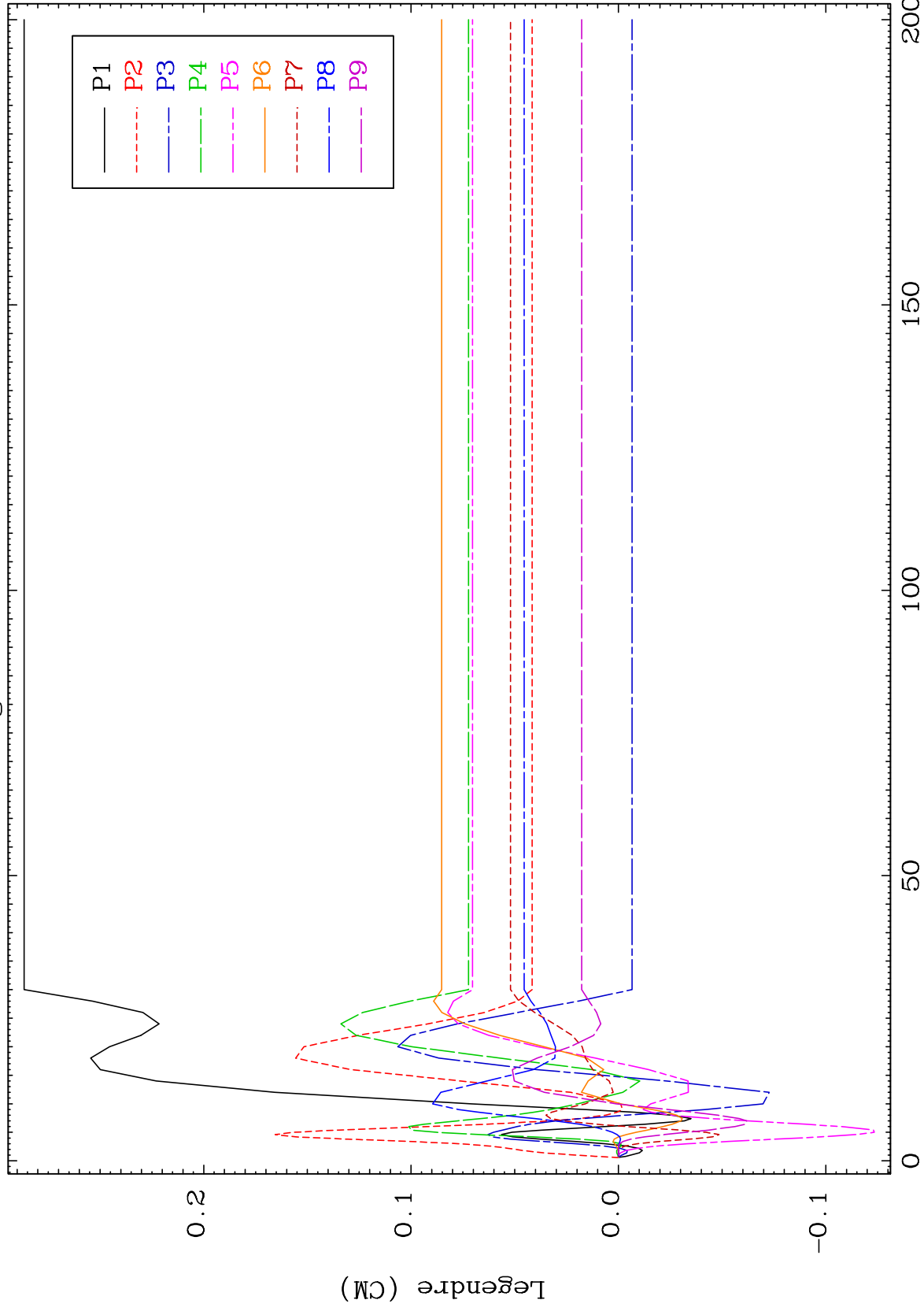
63-Eu-140



MAT 6292

546.5 keV (n,n') Level
Legendre Coefficients

63-Eu-140



59

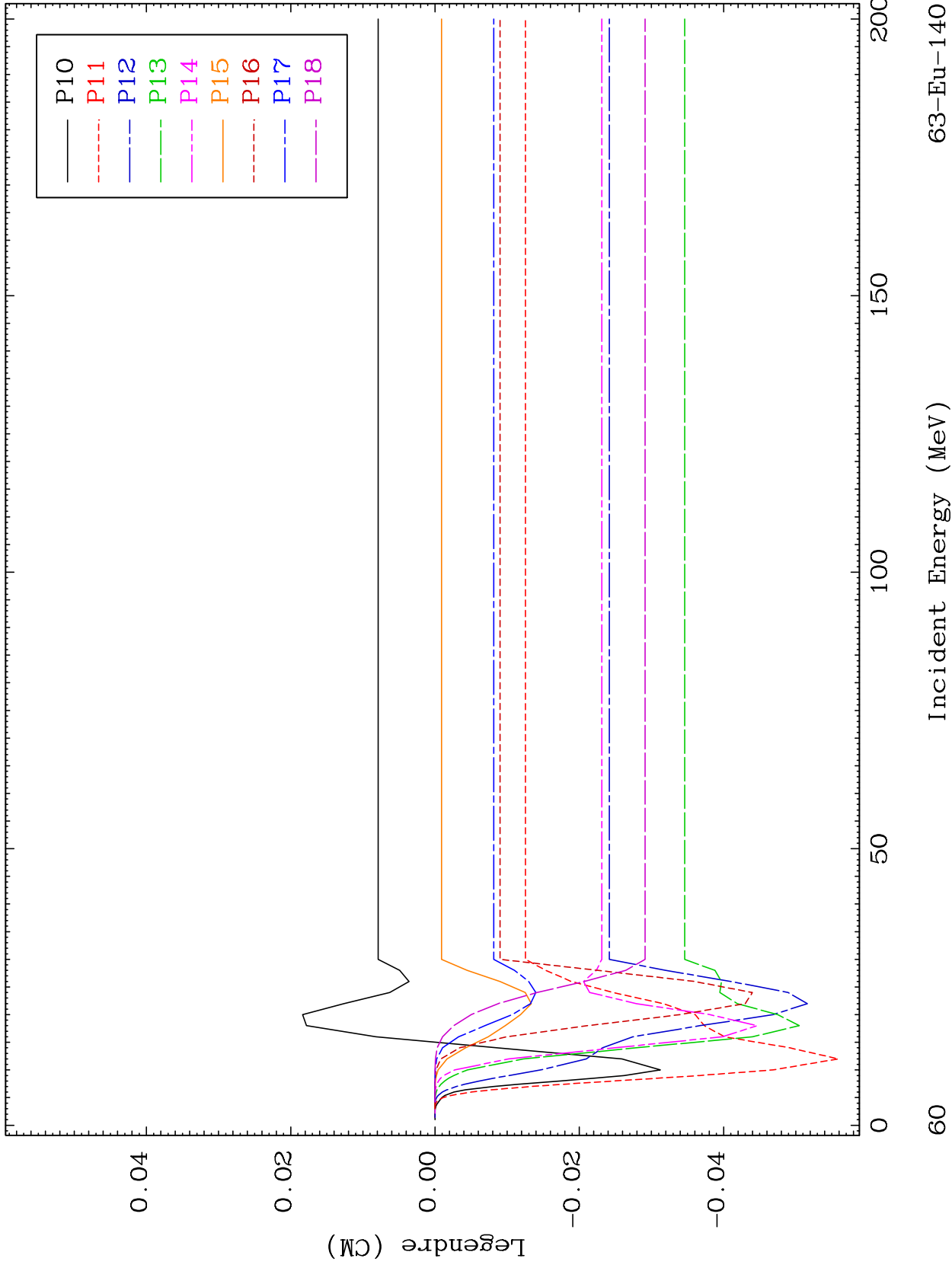
Incident Energy (MeV)

63-Eu-140

MAT 6292

546.5 keV (n, n') Level
Legendre Coefficients

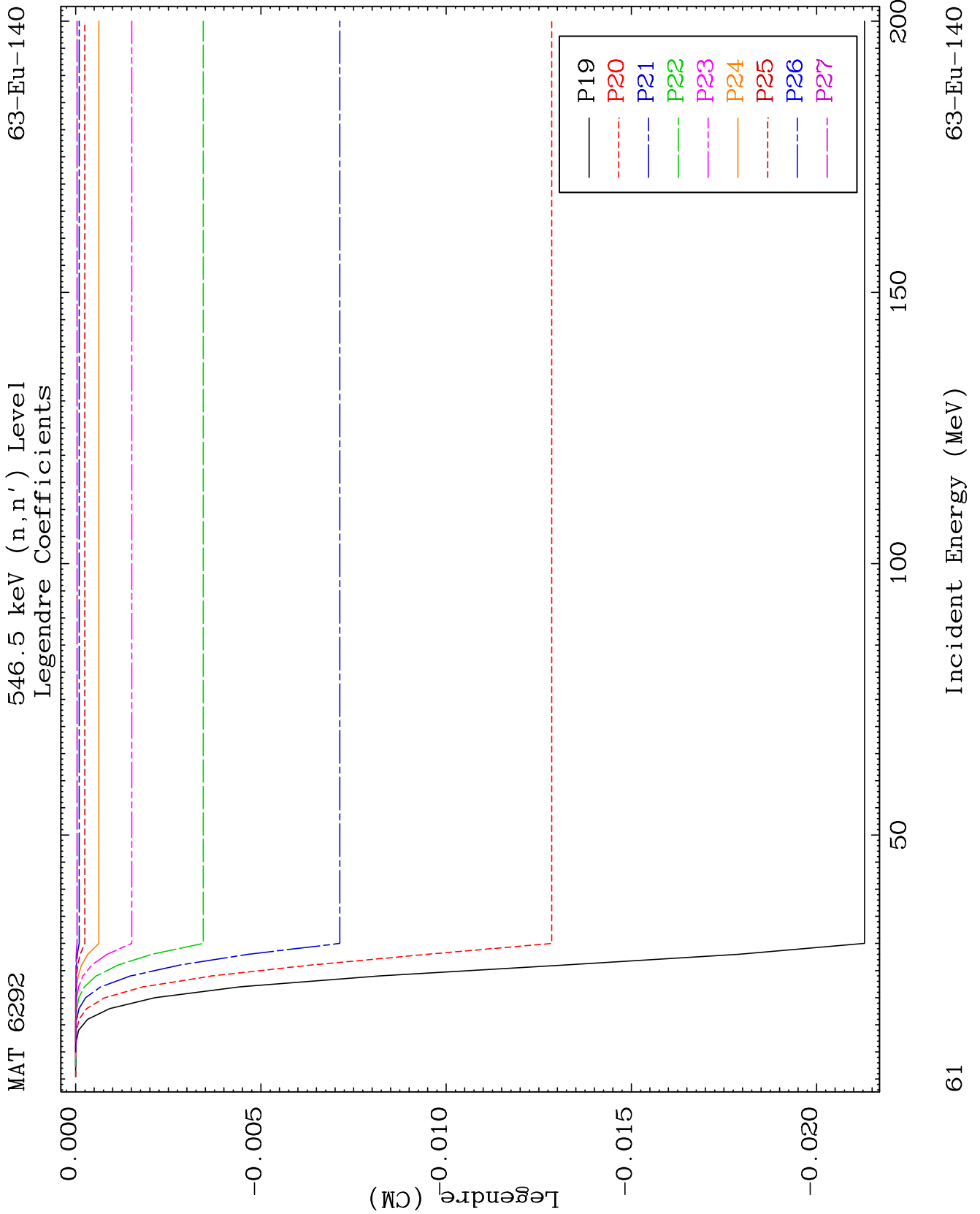
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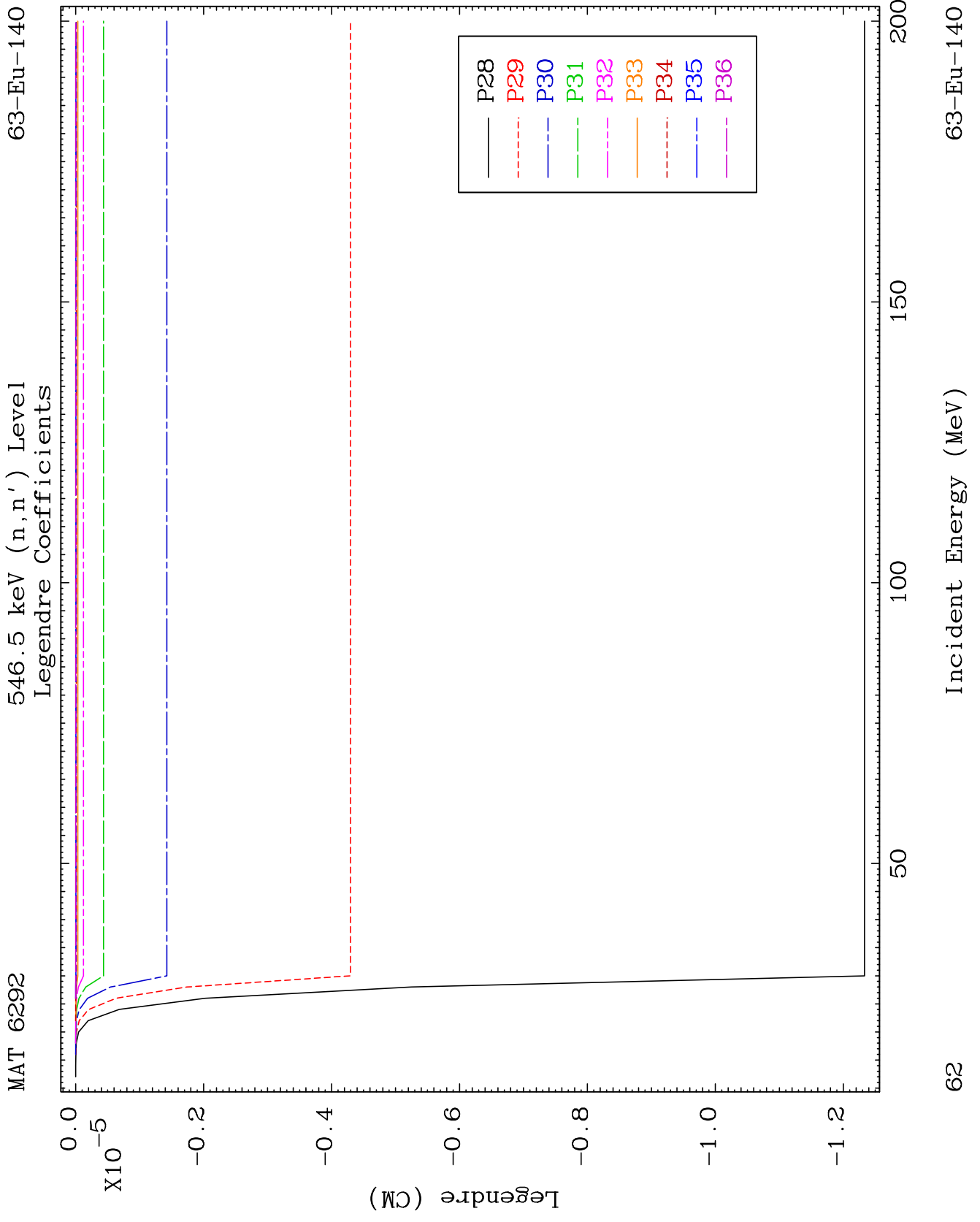


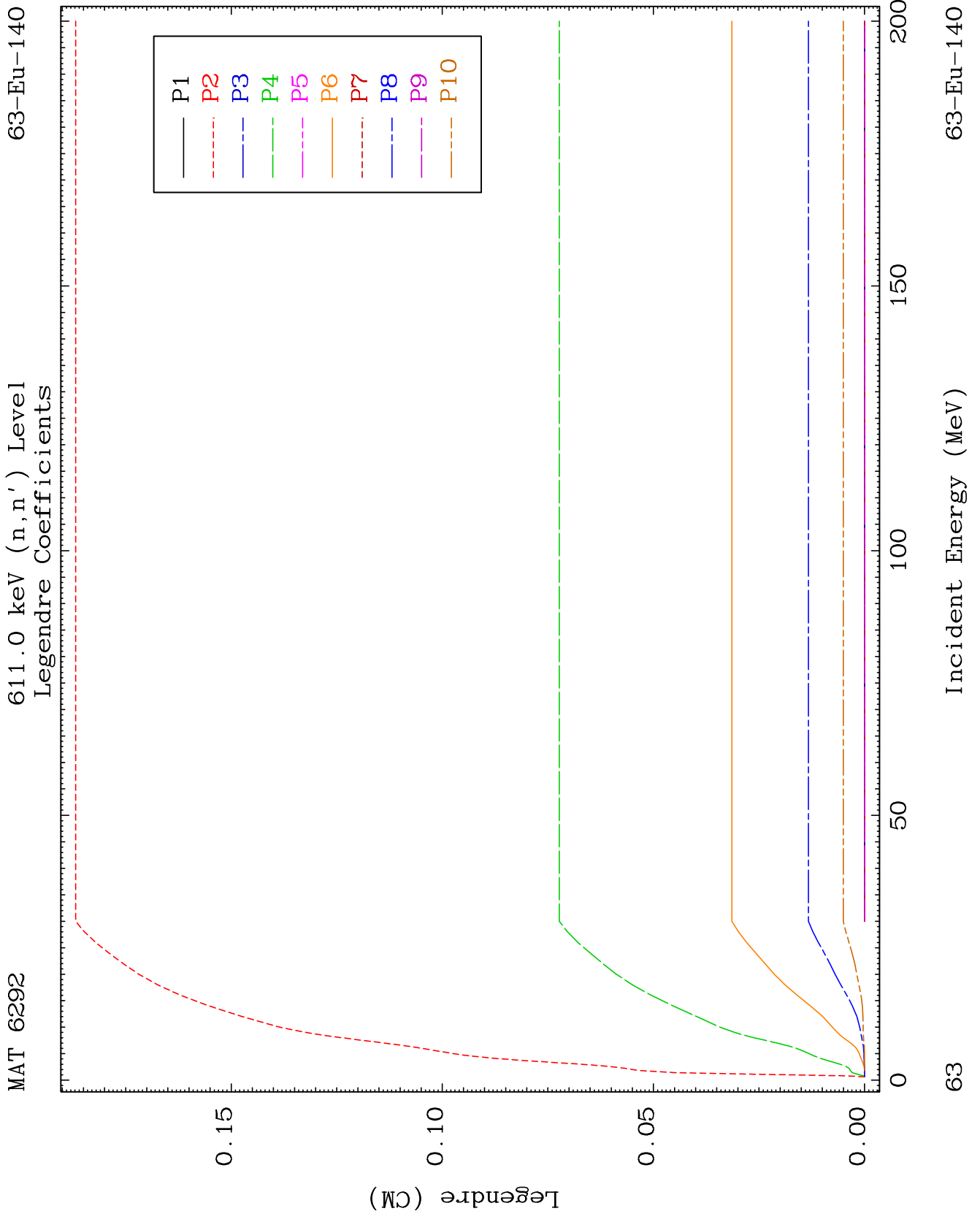
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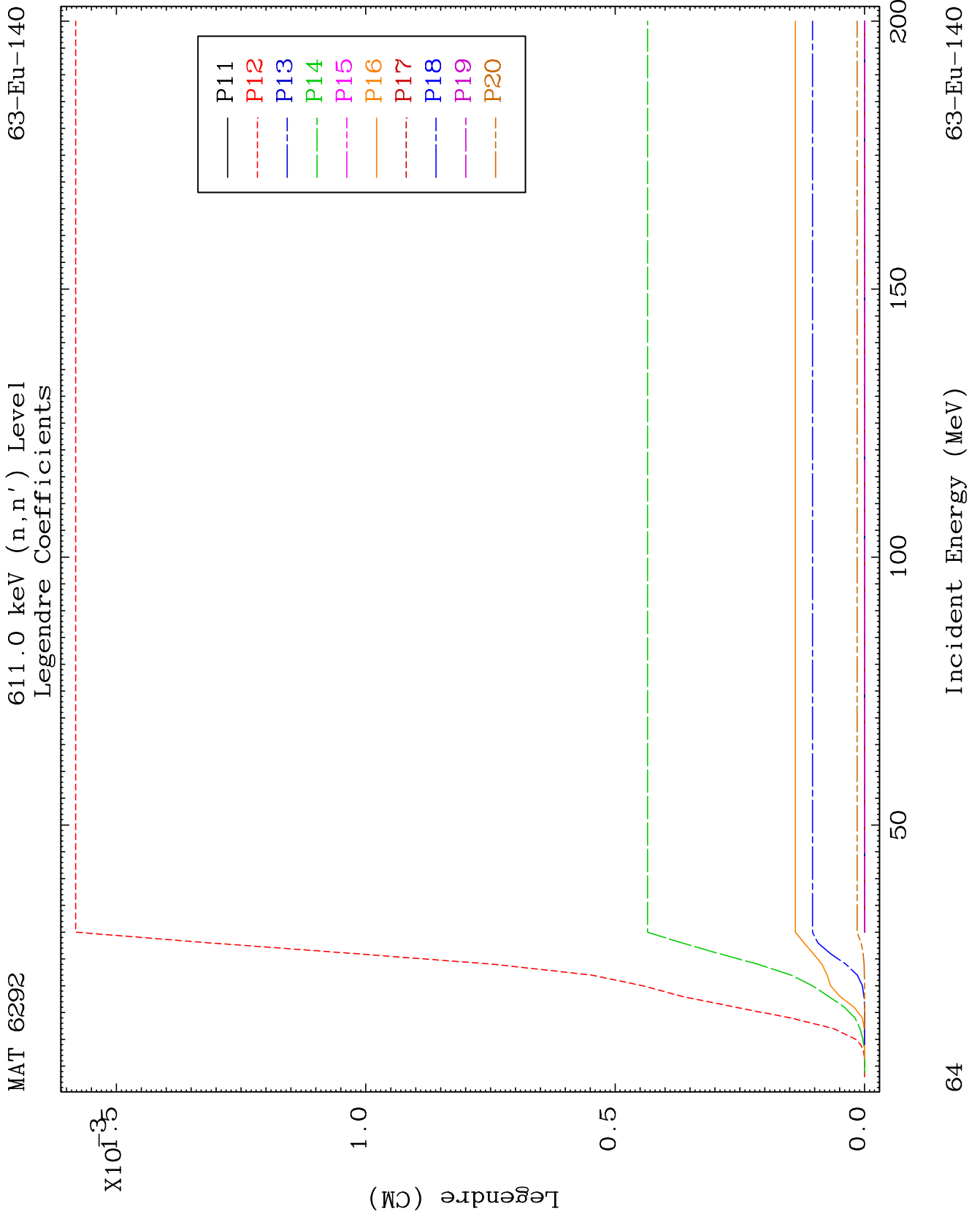
Incident Energy (MeV)

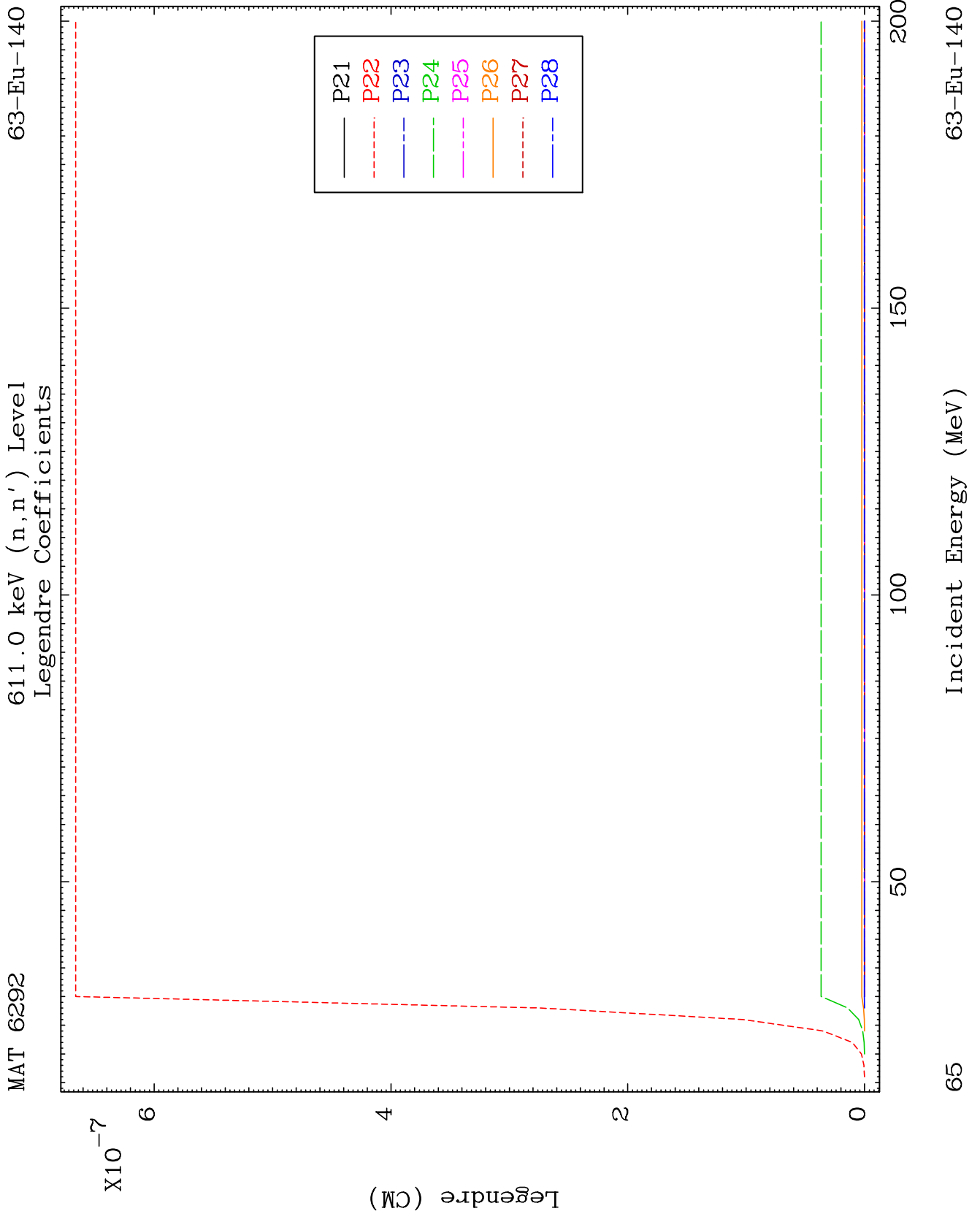
60







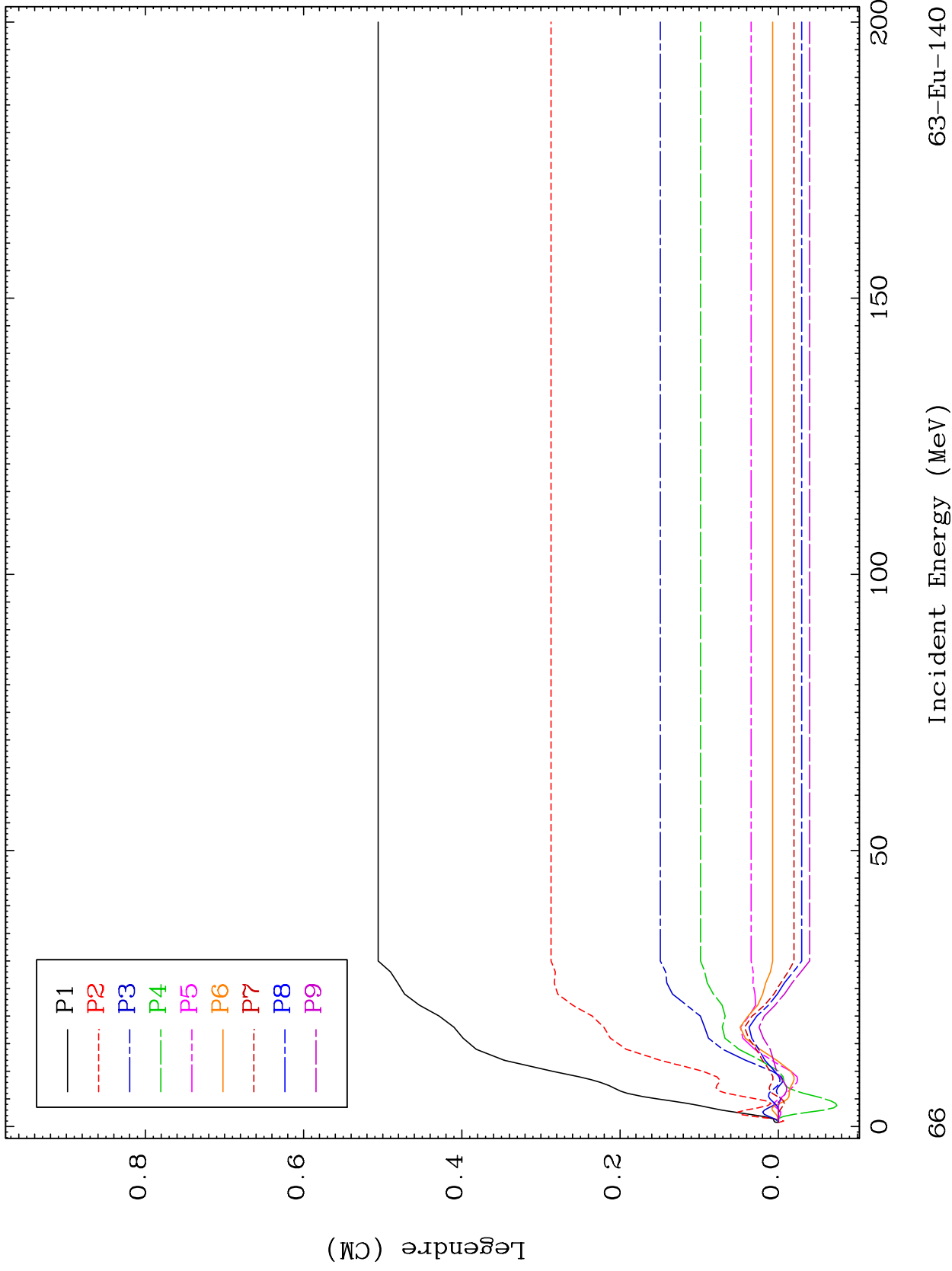




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687.0 keV (n,n') Level
Legendre Coefficients

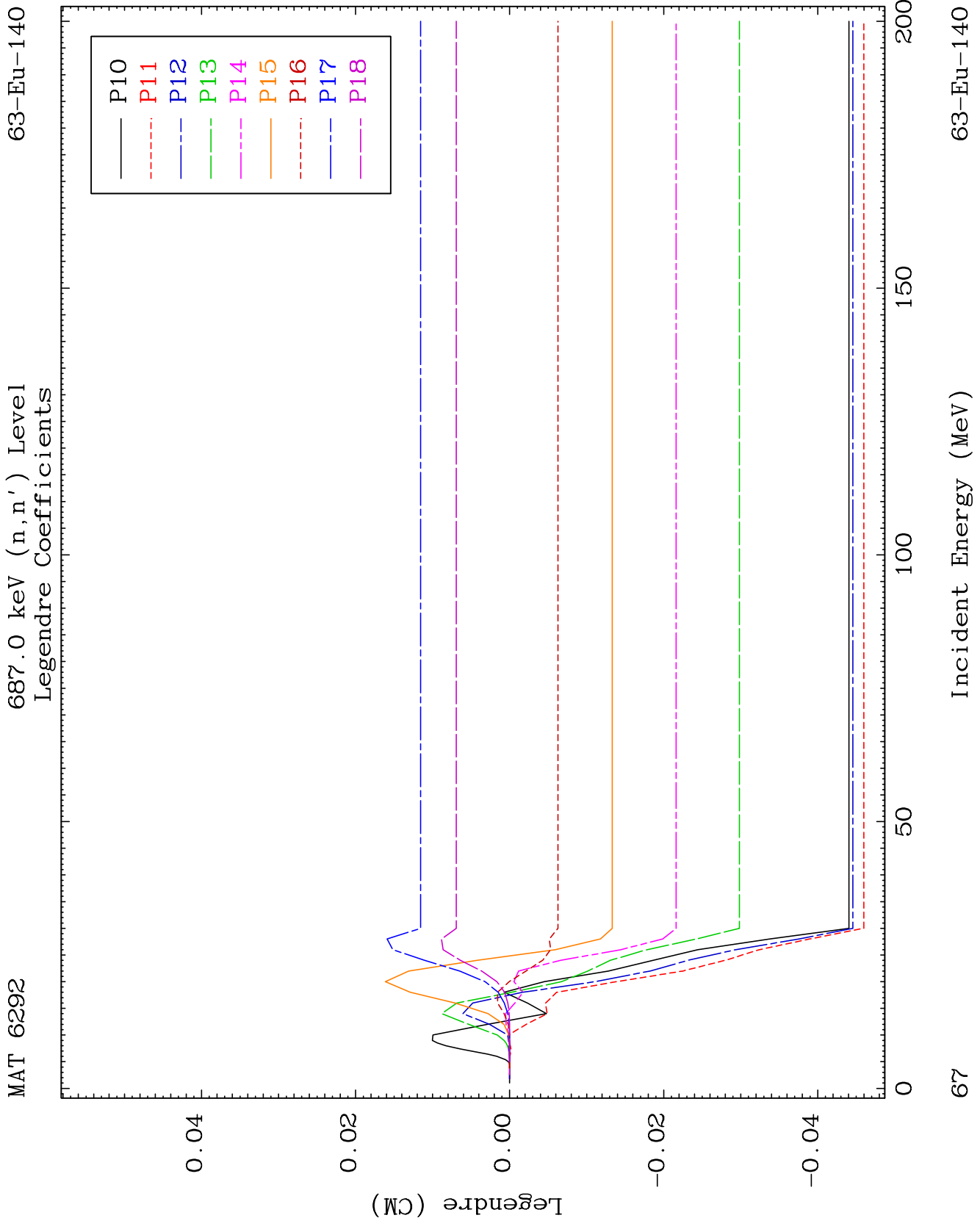
63-Eu-140



63-Eu-140

Incident Energy (MeV)

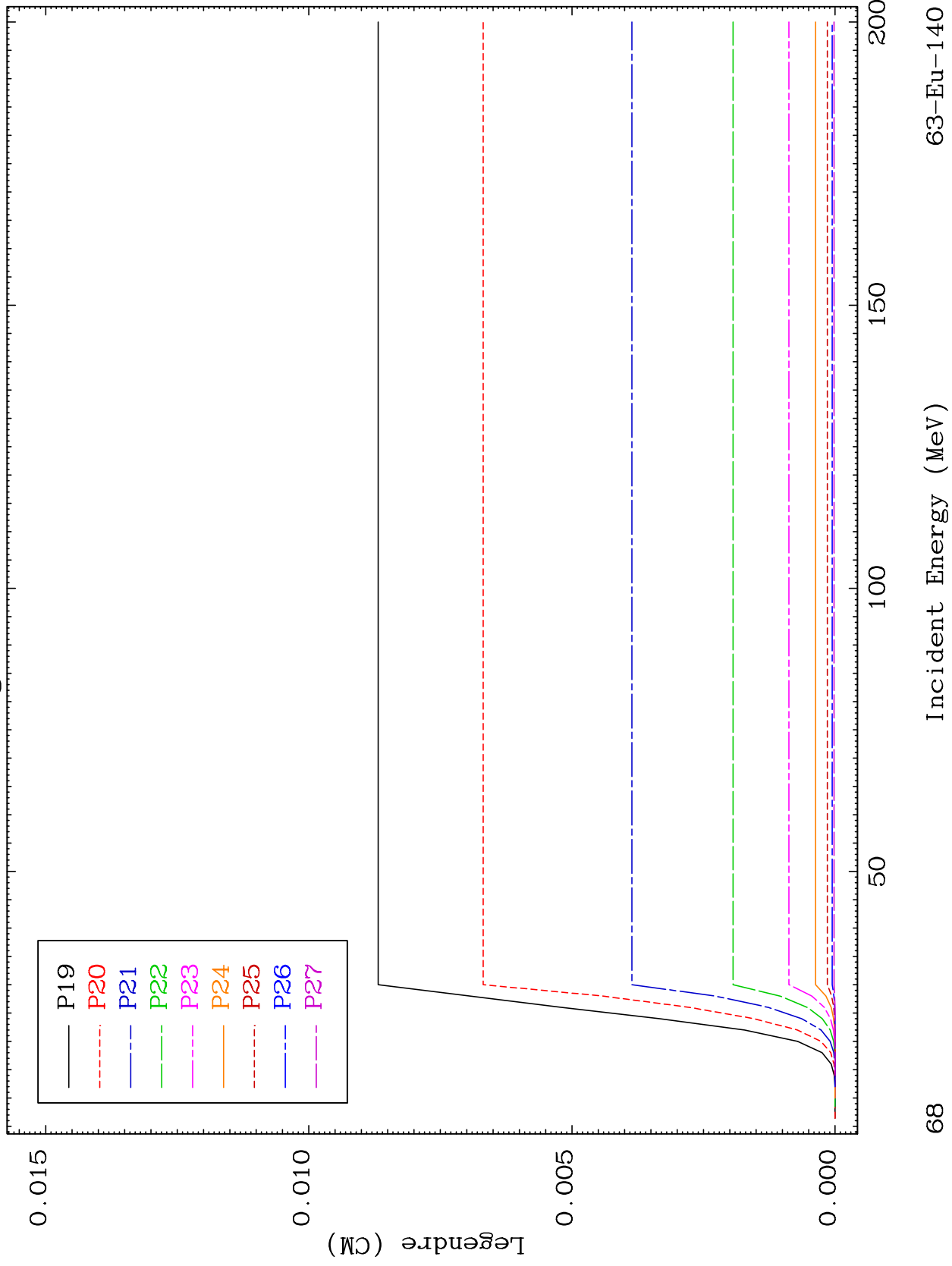
66



MAT 6292

687.0 keV (n,n') Level
Legendre Coefficients

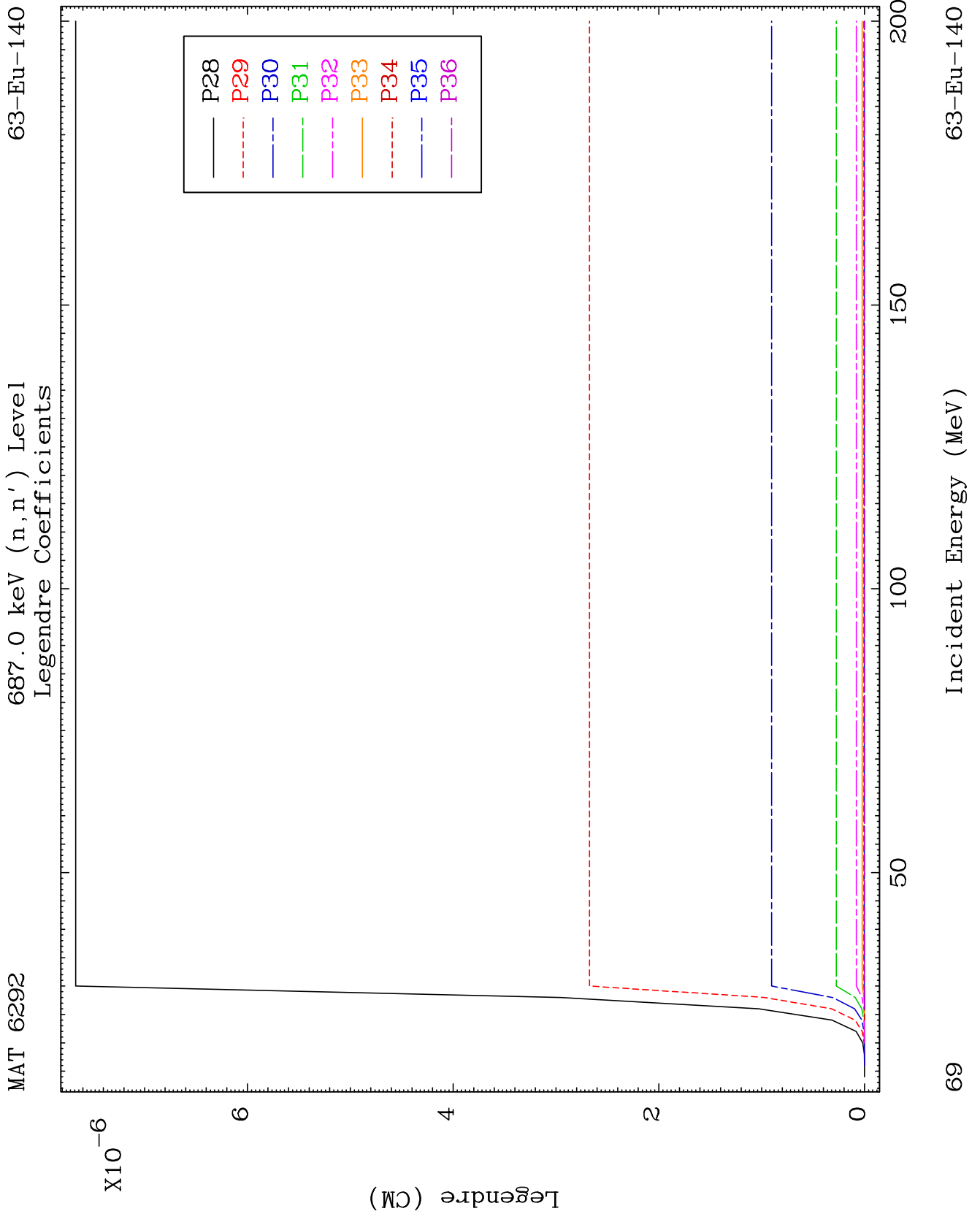
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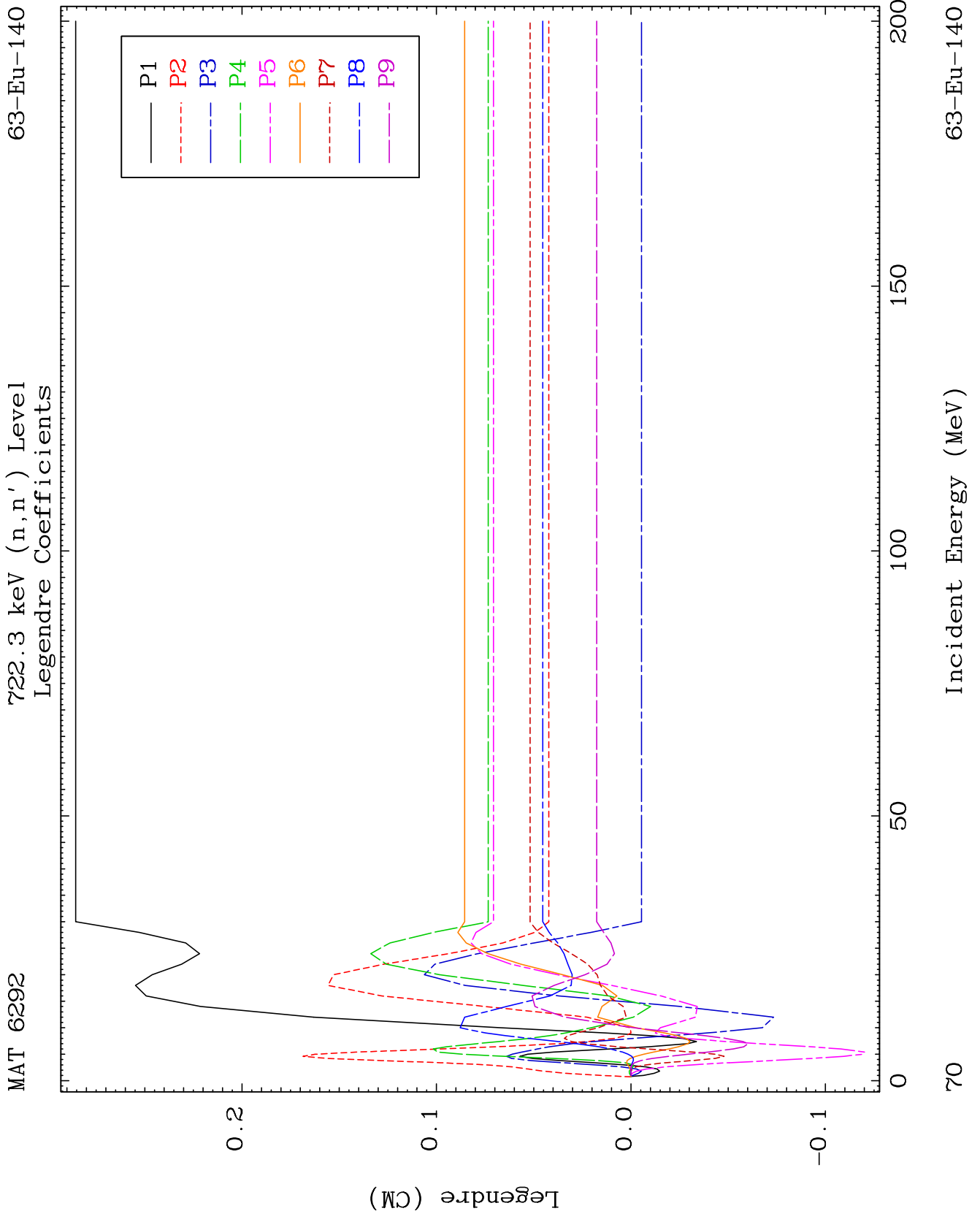


68

Incident Energy (MeV)

63-Eu-140

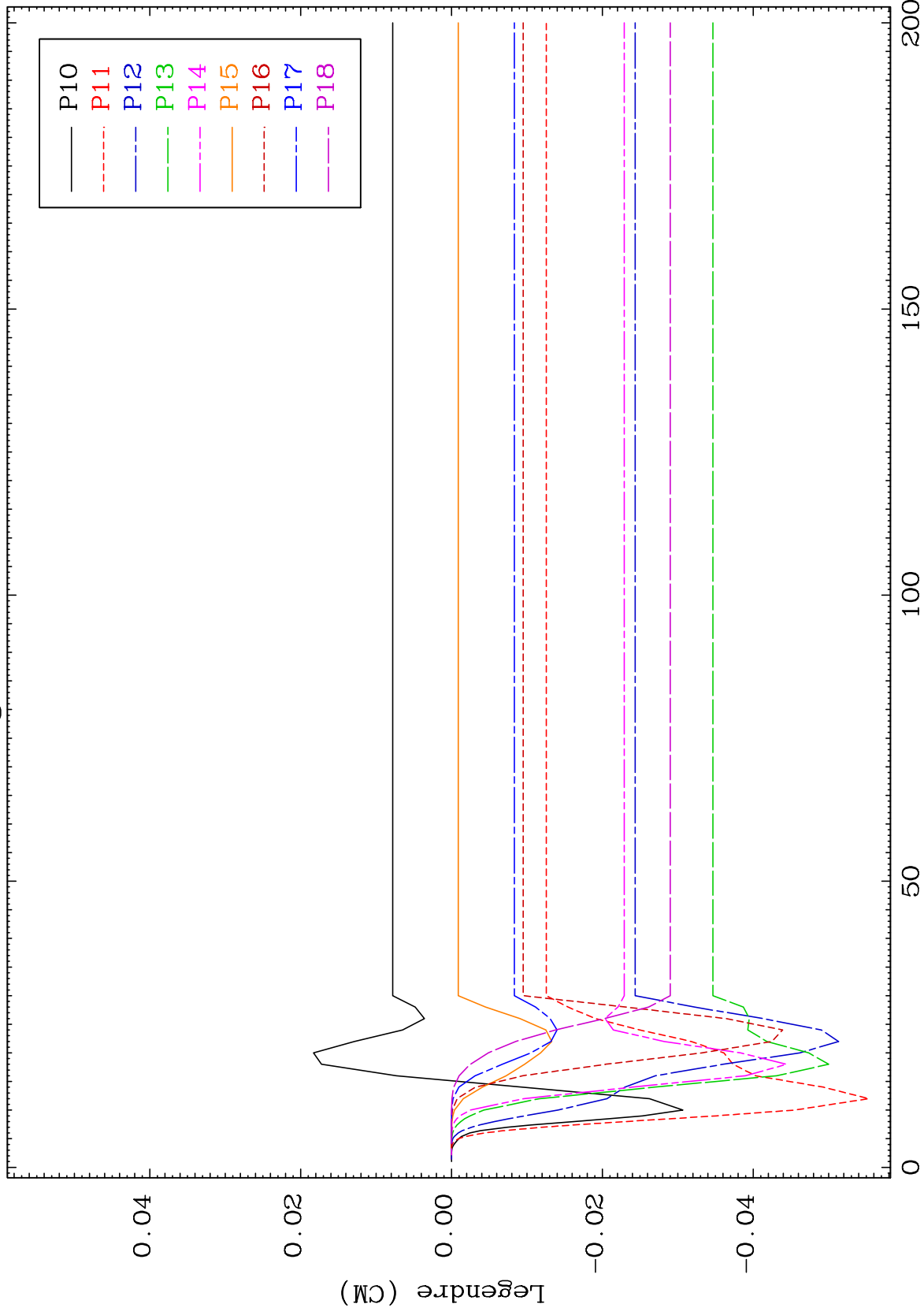




MAT 6292

722.3 keV (n,n') Level
Legendre Coefficients

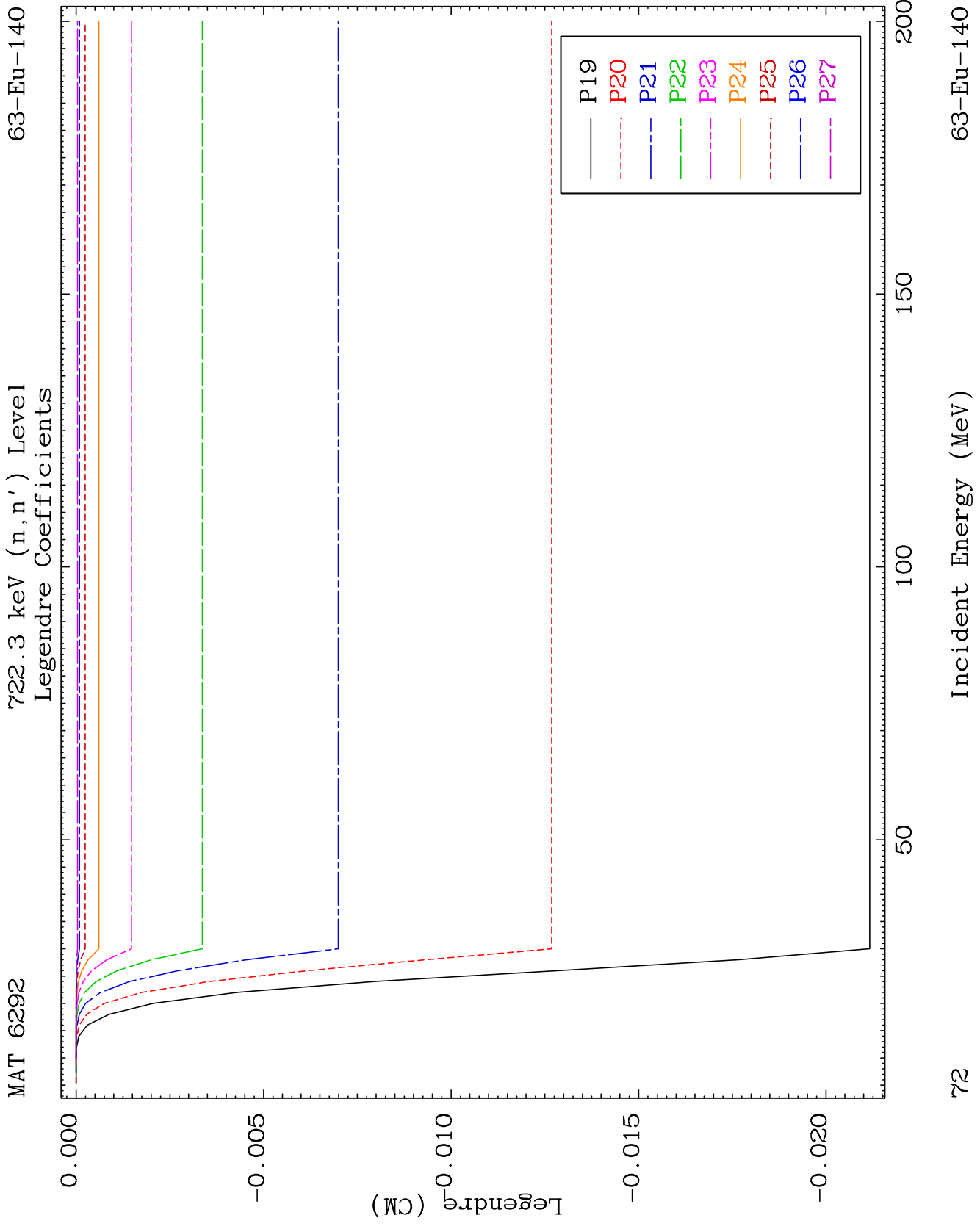
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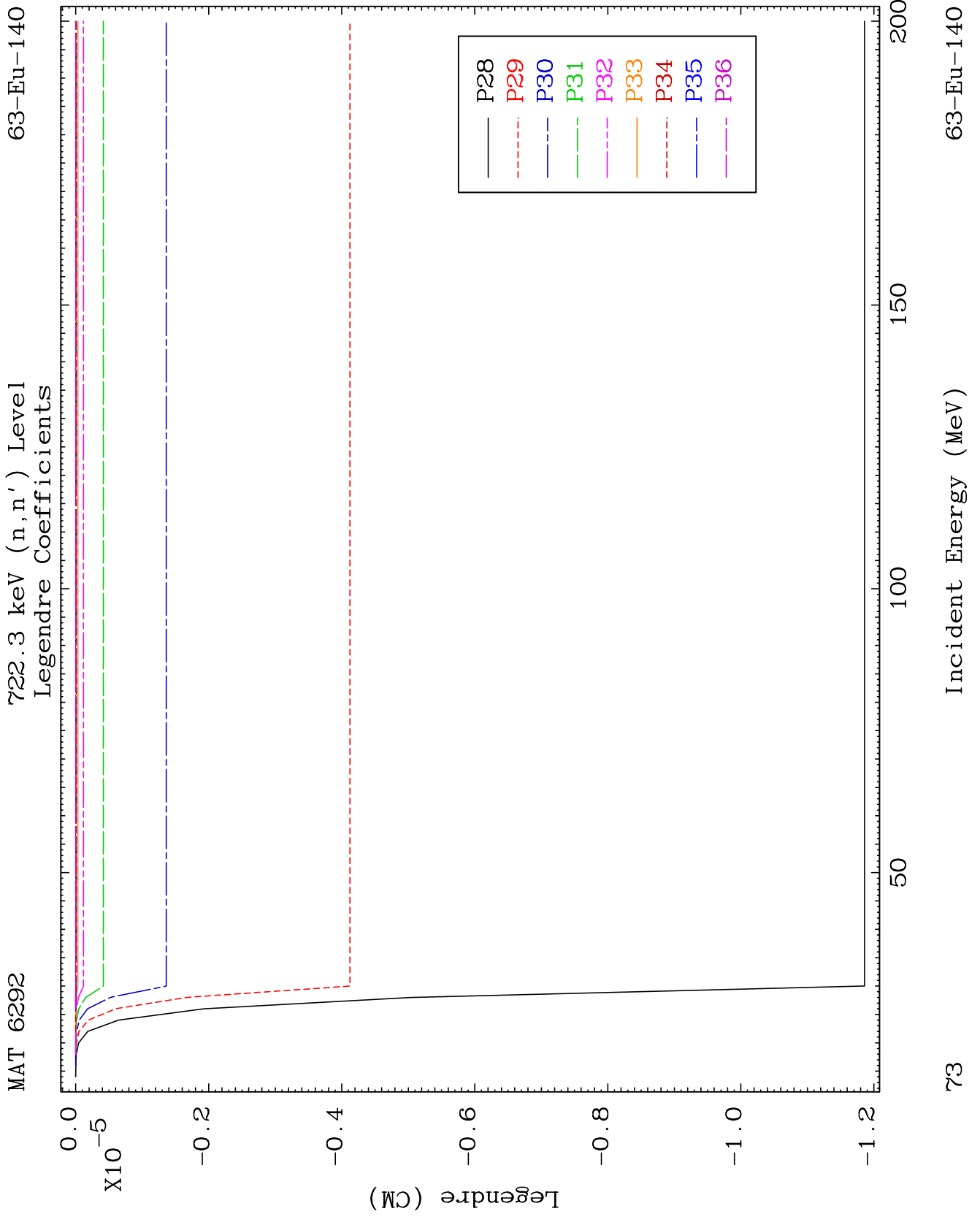


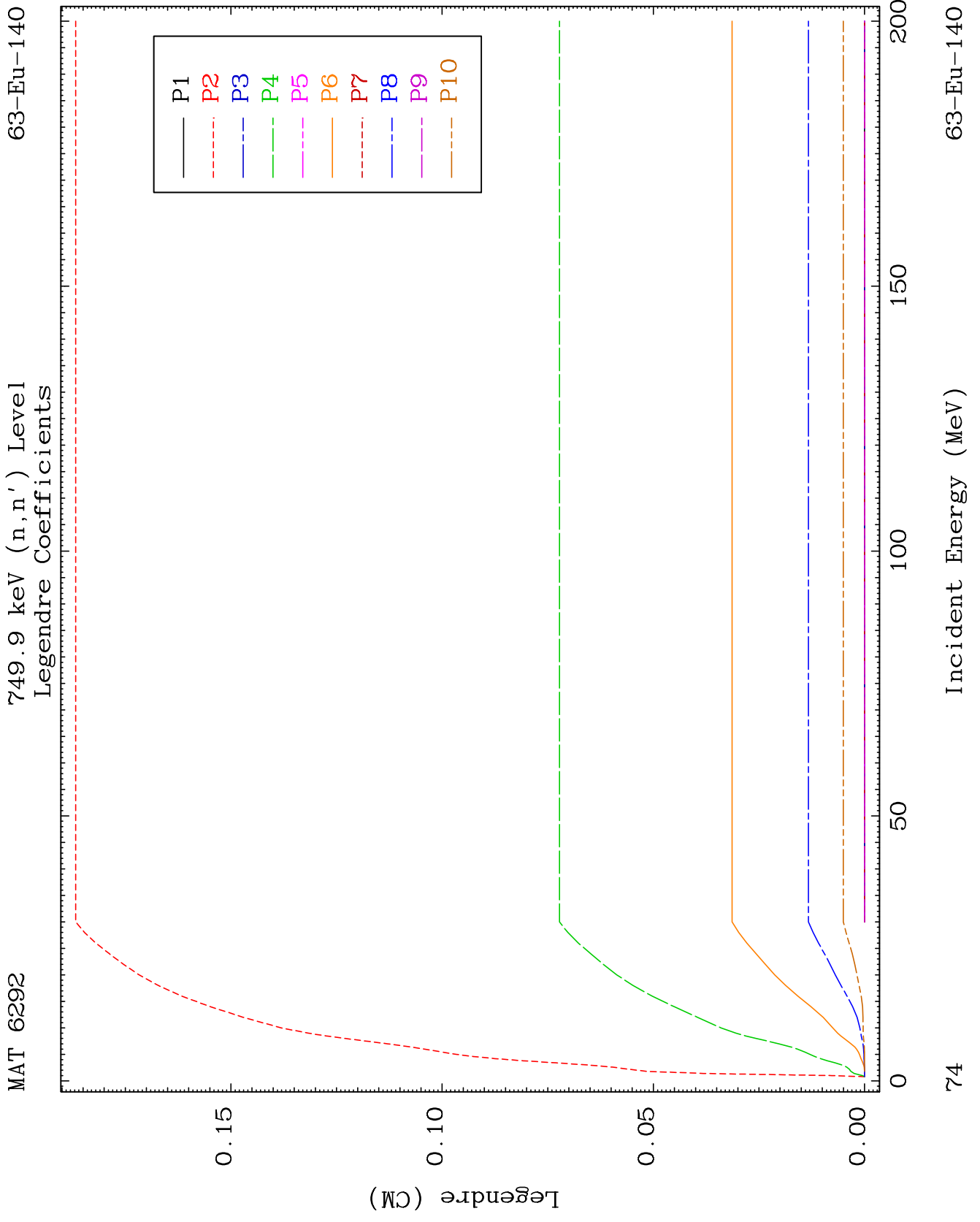
71

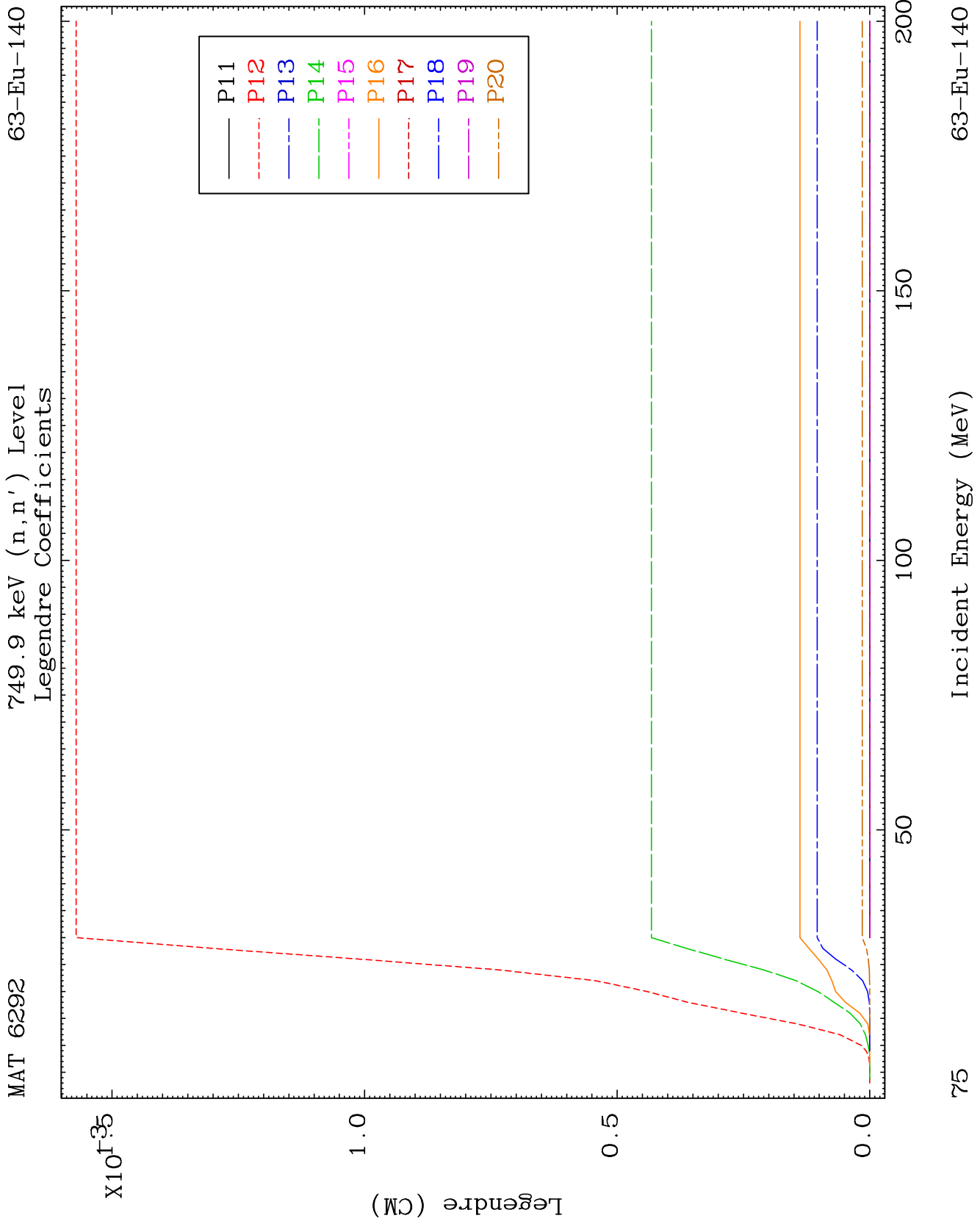
Incident Energy (MeV)

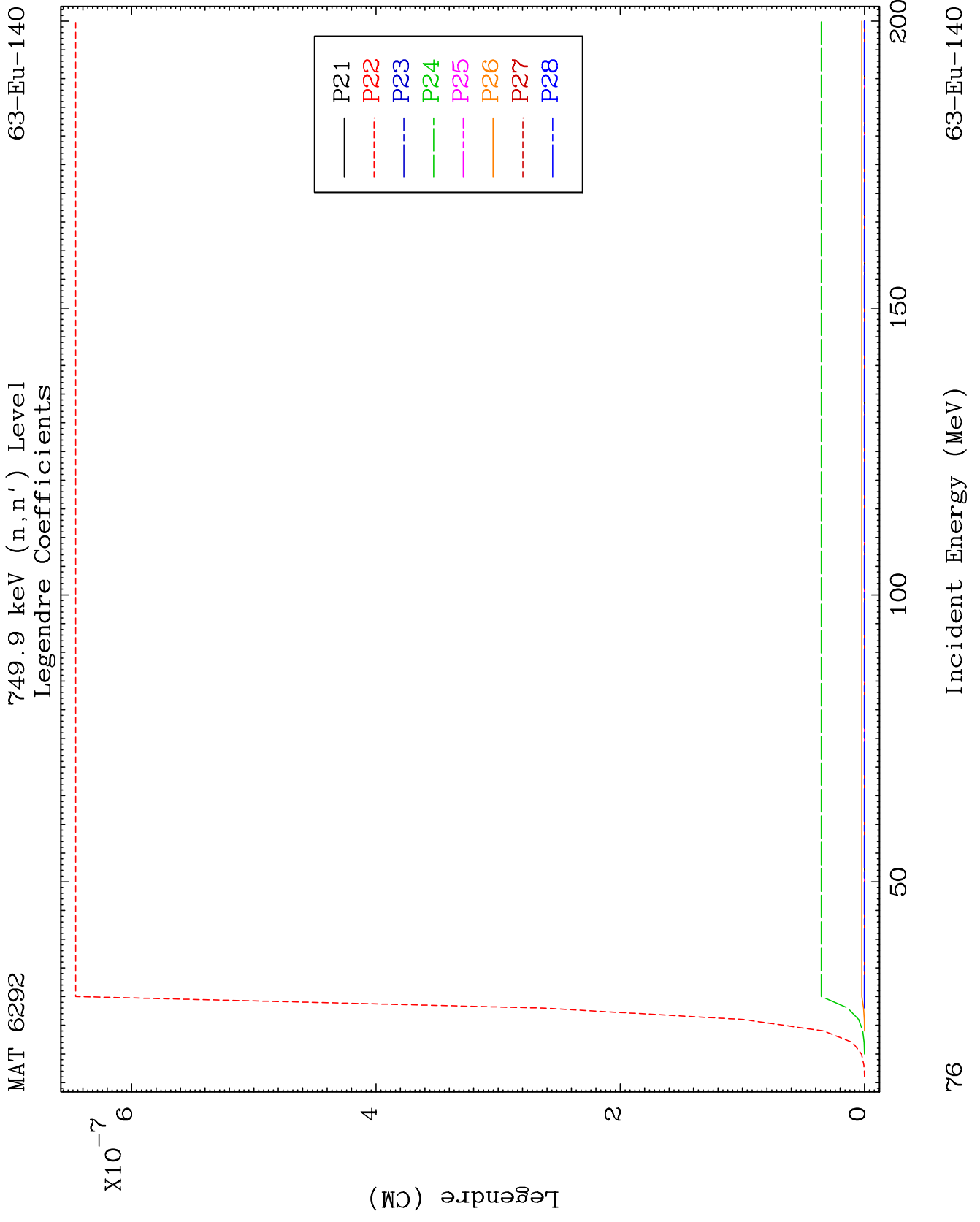
63-Eu-140







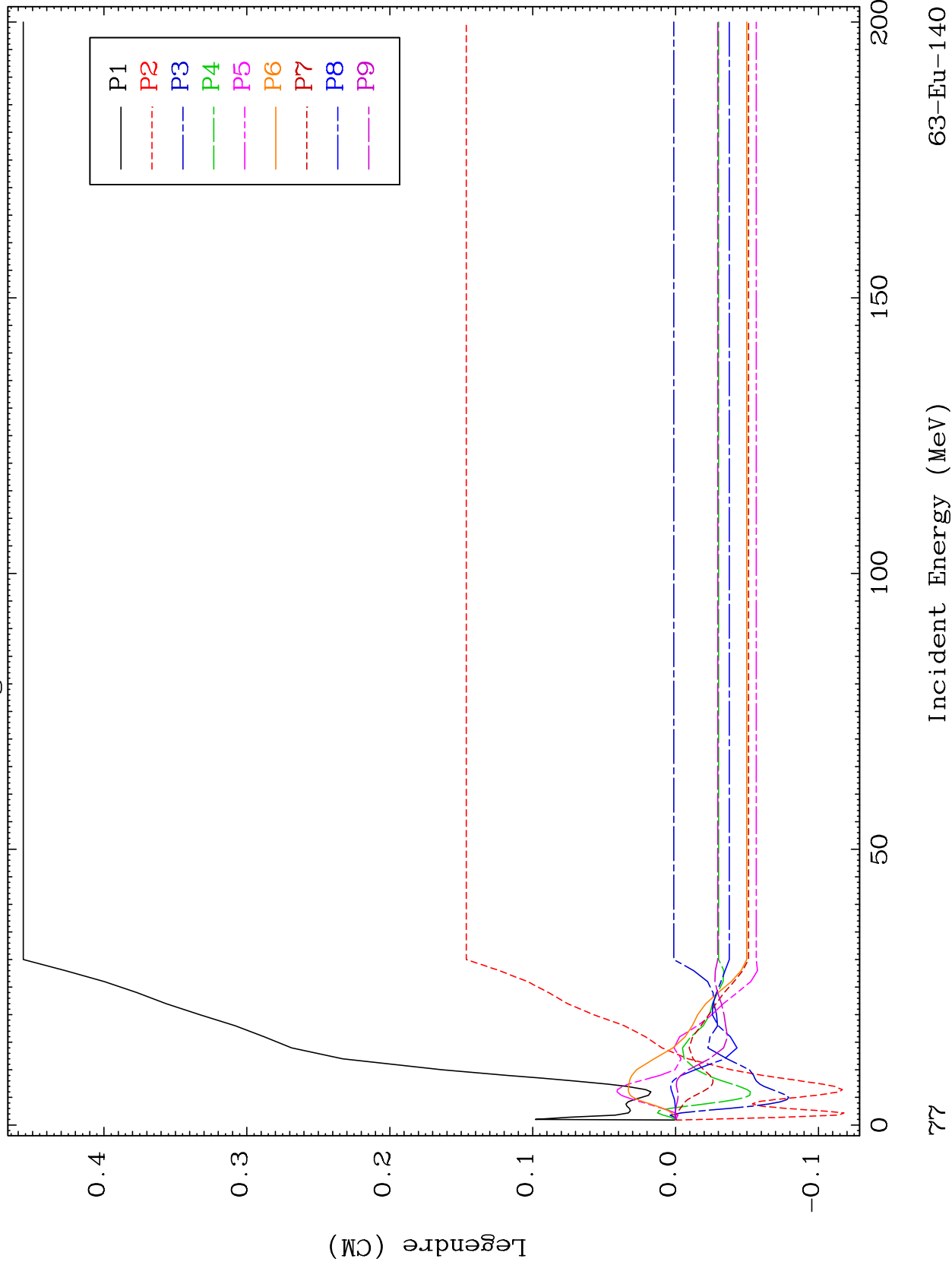




MAT 6292

882.7 keV (n,n') Level
Legendre Coefficients

63-Eu-140



63-Eu-140

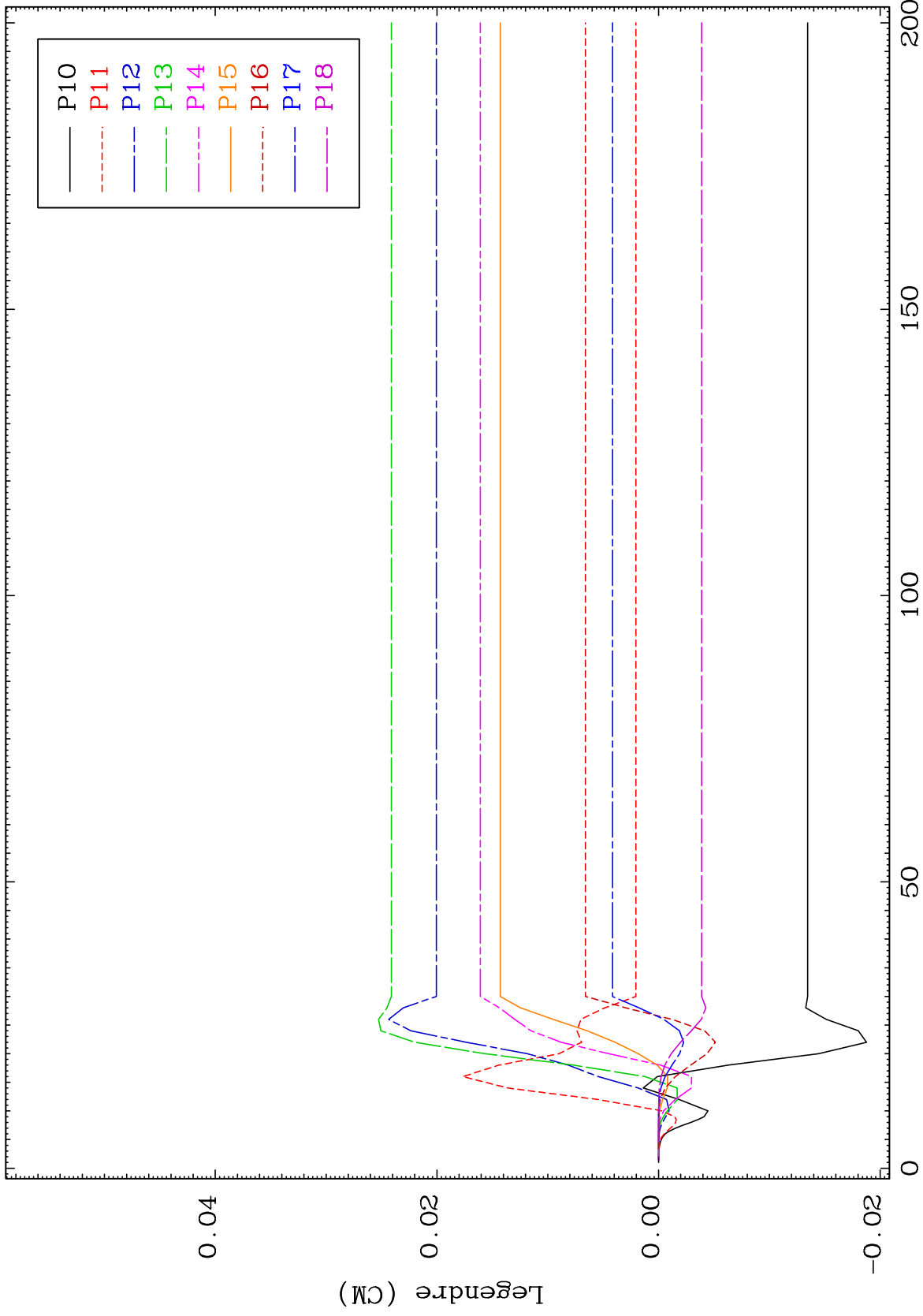
Incident Energy (MeV)

77

MAT 6292

882.7 keV (n,n') Level
Legendre Coefficients

63-Eu-140



78

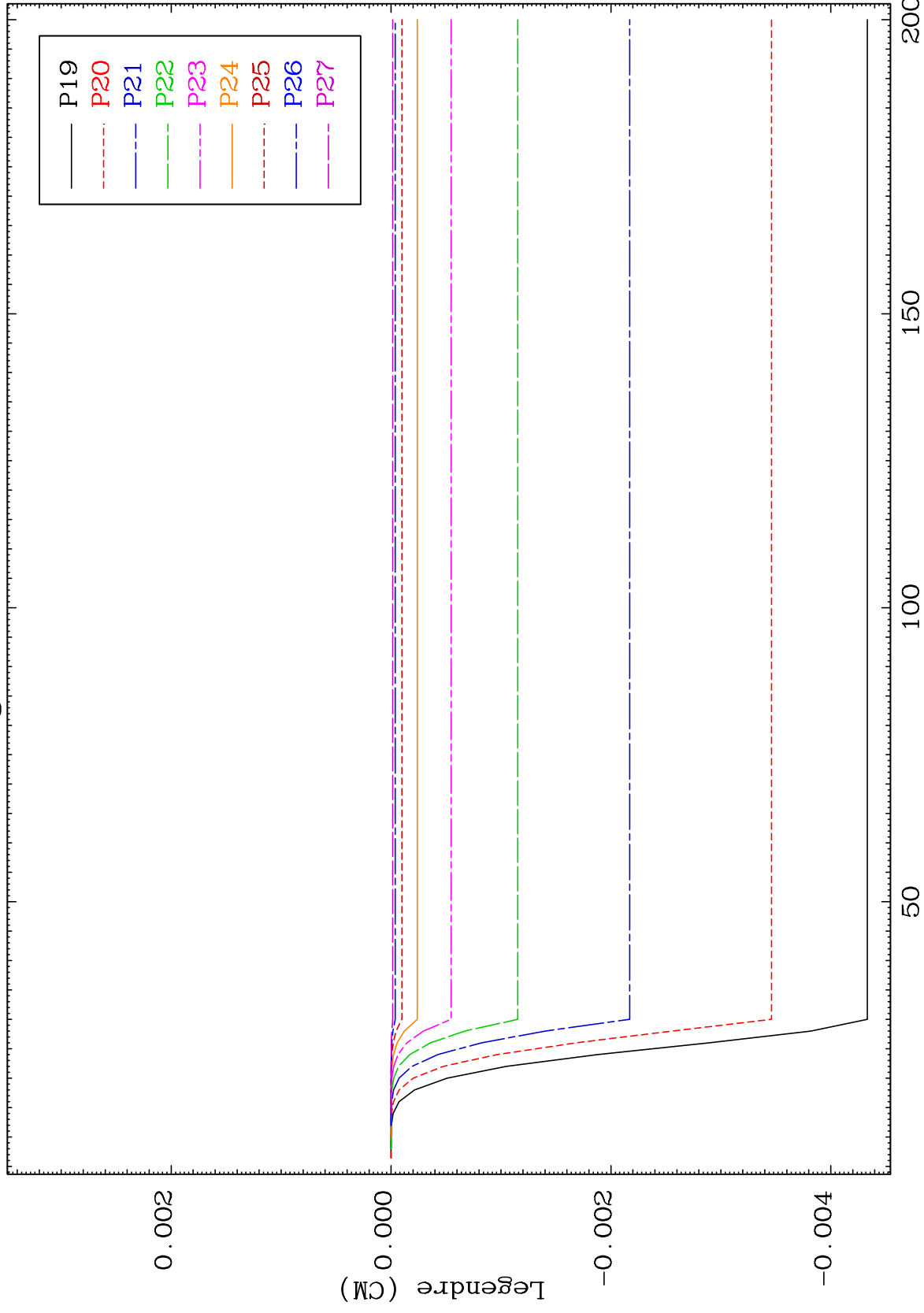
Incident Energy (MeV)

63-Eu-140

MAT 6292

882.7 keV (n,n') Level
Legendre Coefficients

63-Eu-140



79

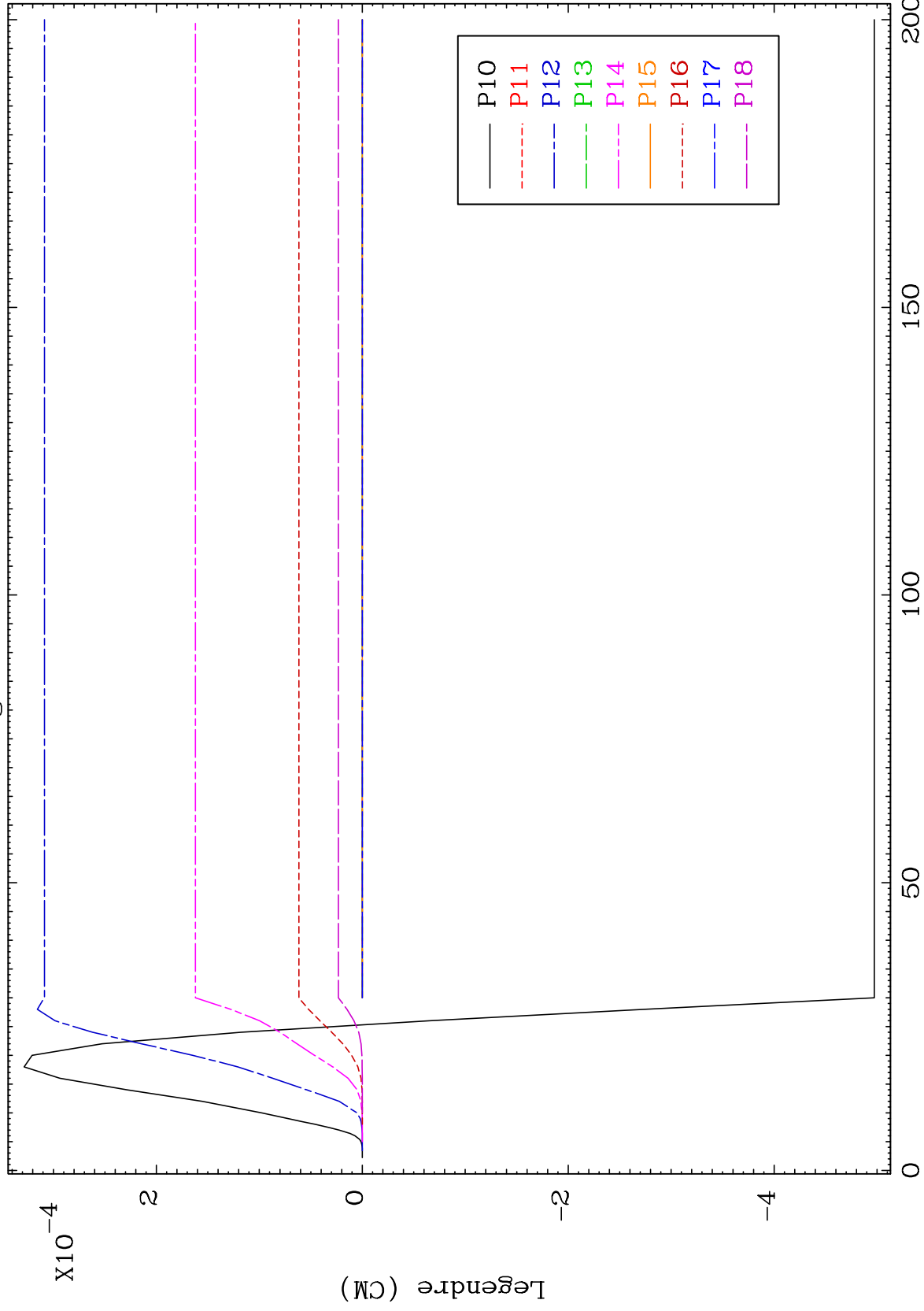
Incident Energy (MeV)

63-Eu-140

MAT 6292

1.078 MeV (n,n') Level
Legendre Coefficients

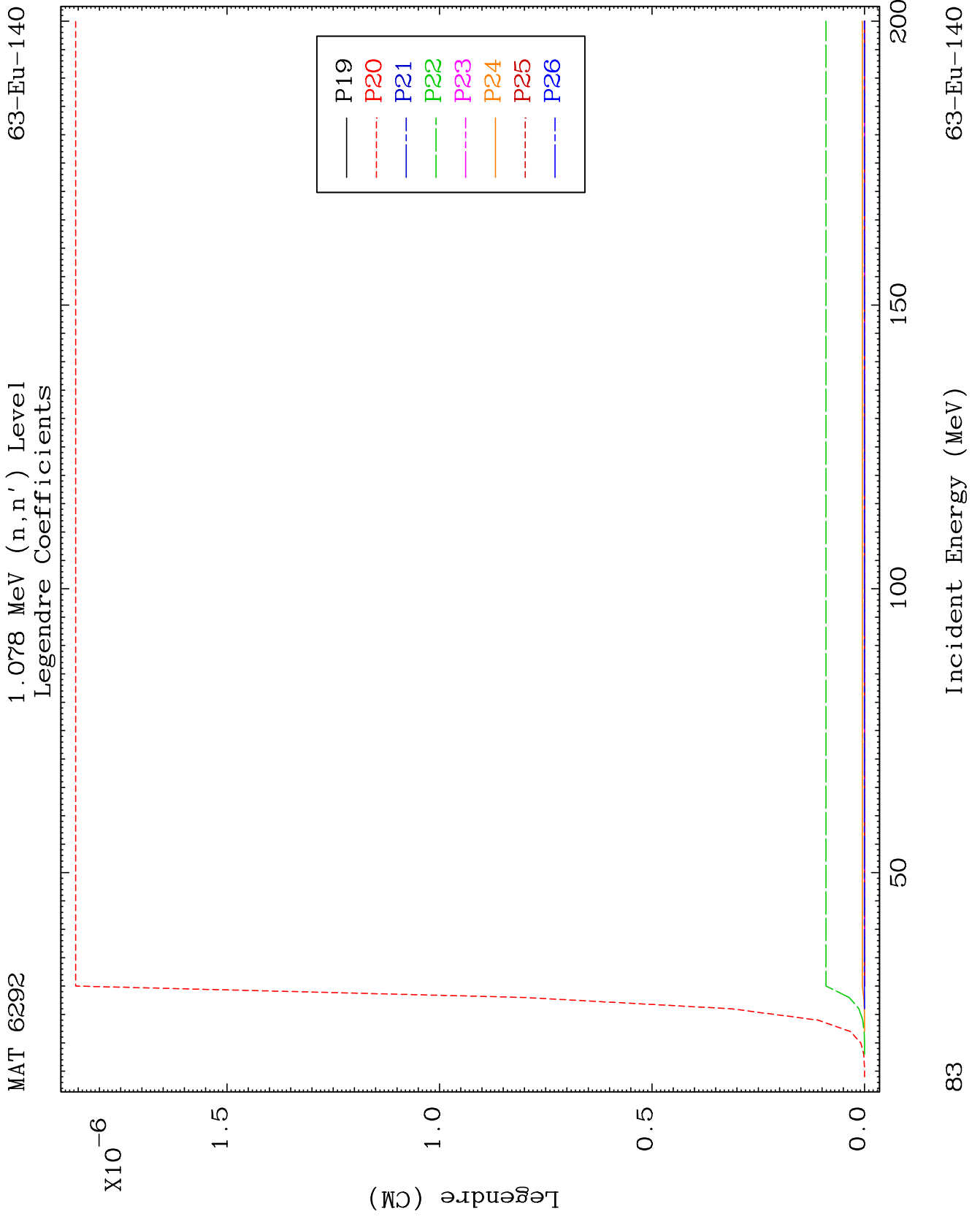
63-Eu-140

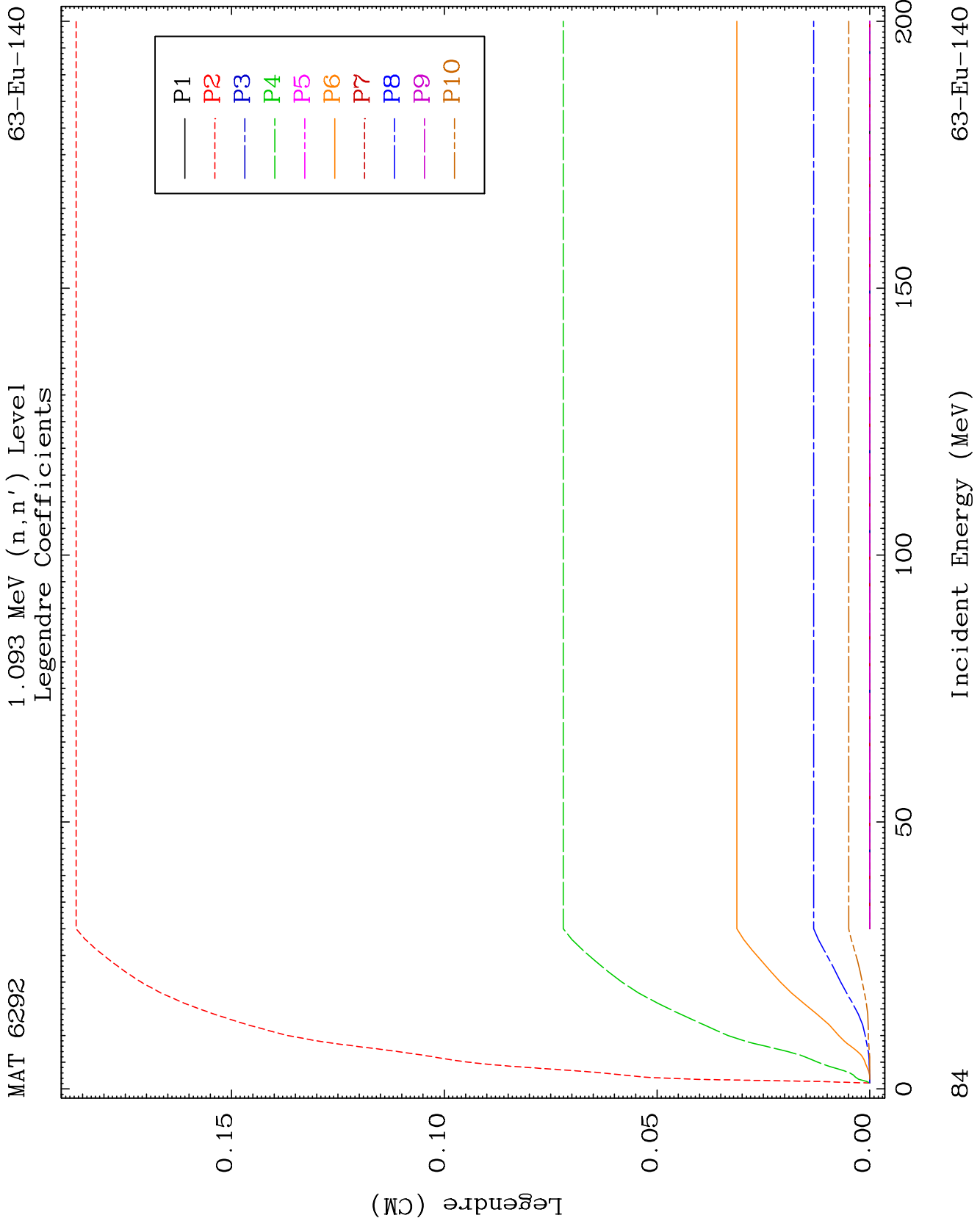


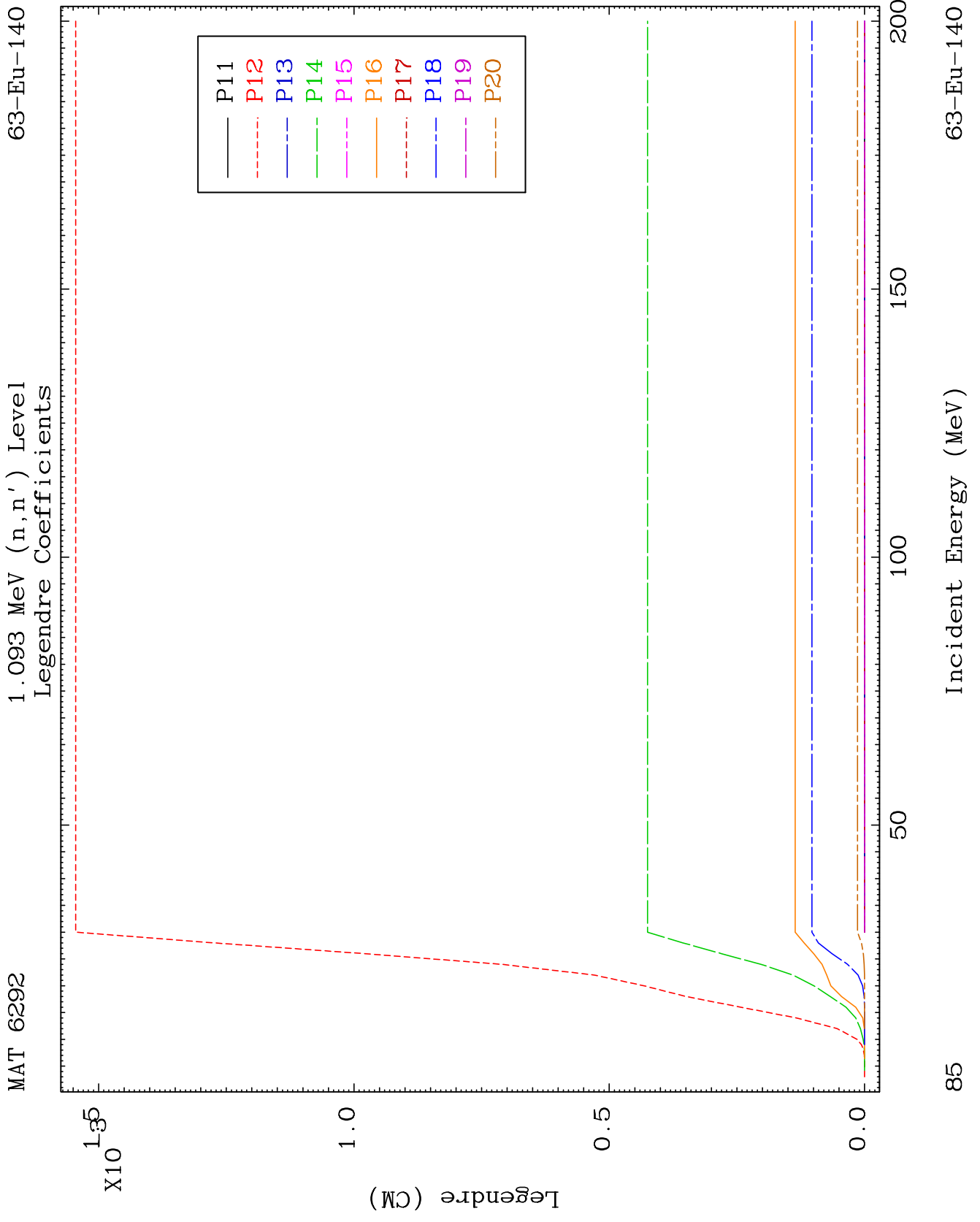
82

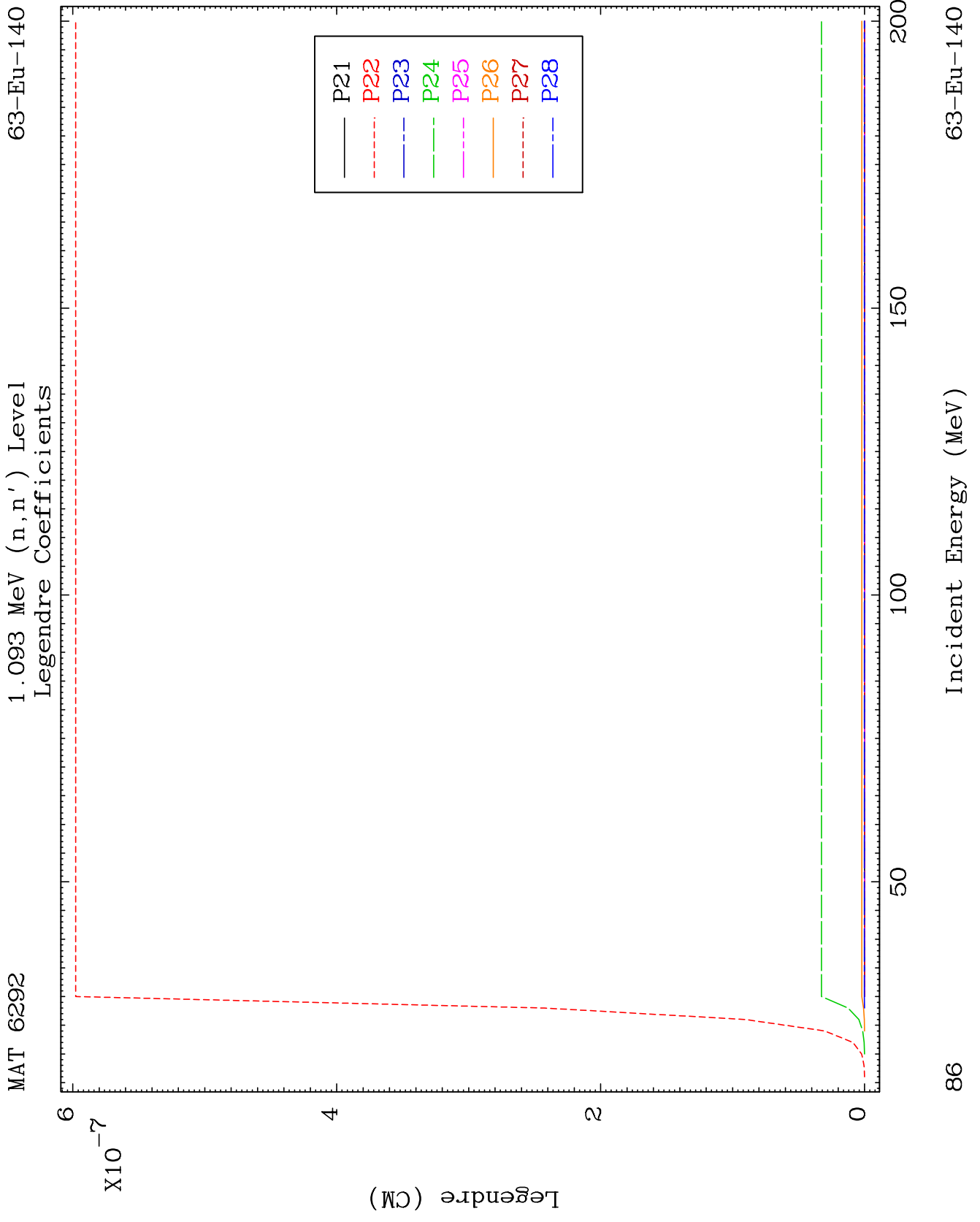
Incident Energy (MeV)

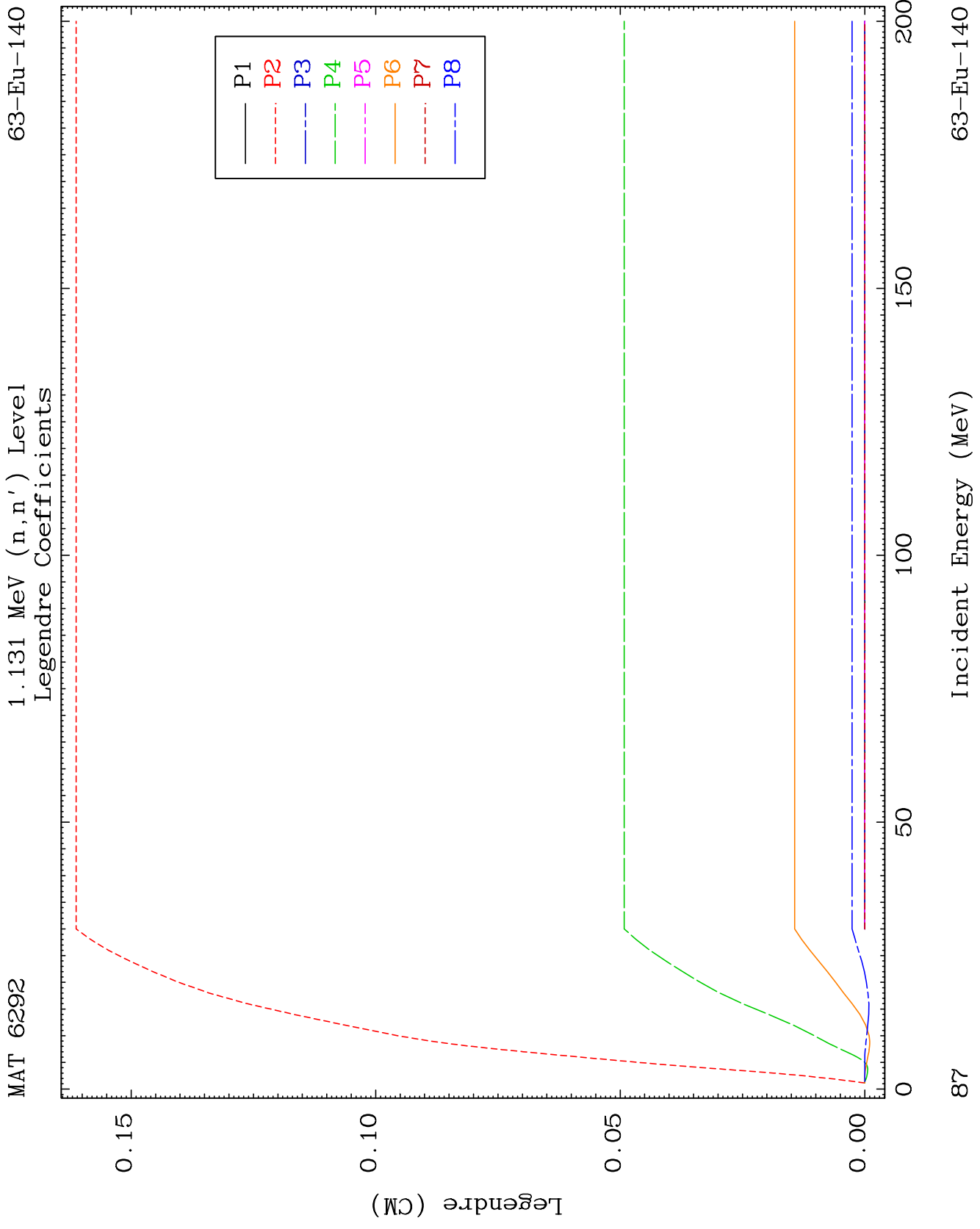
63-Eu-140

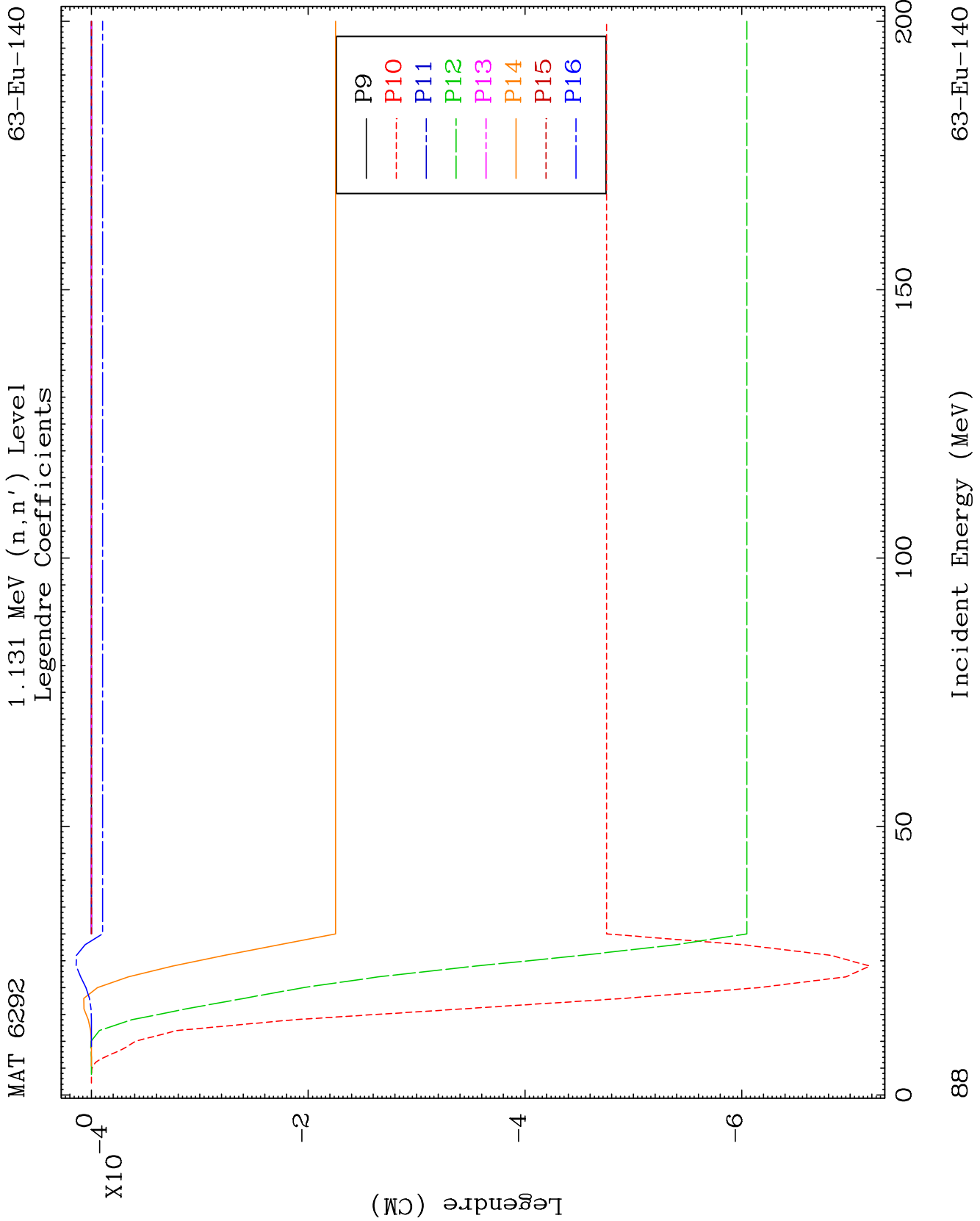








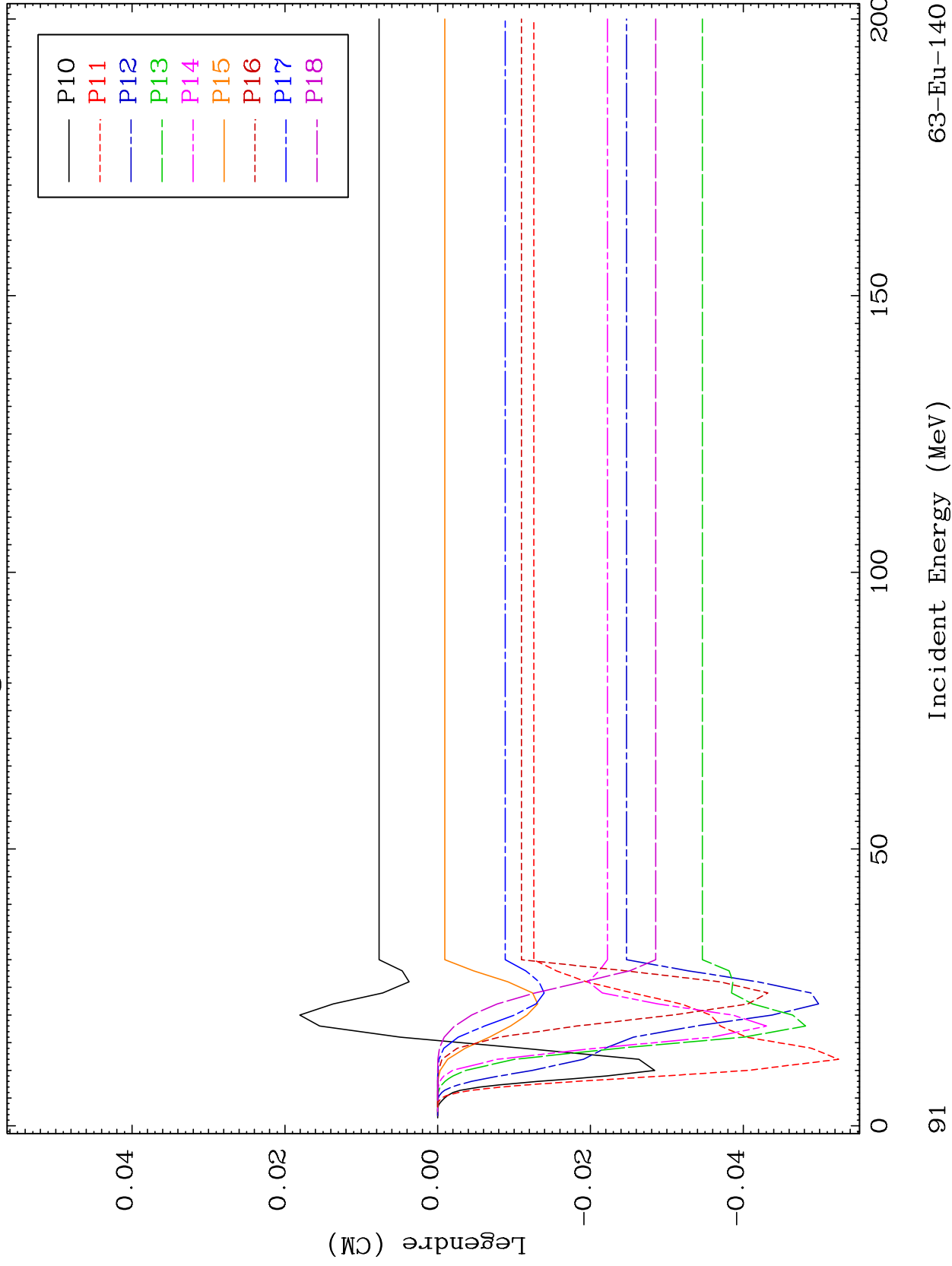




MAT 6292

1.216 MeV (n,n') Level
Legendre Coefficients

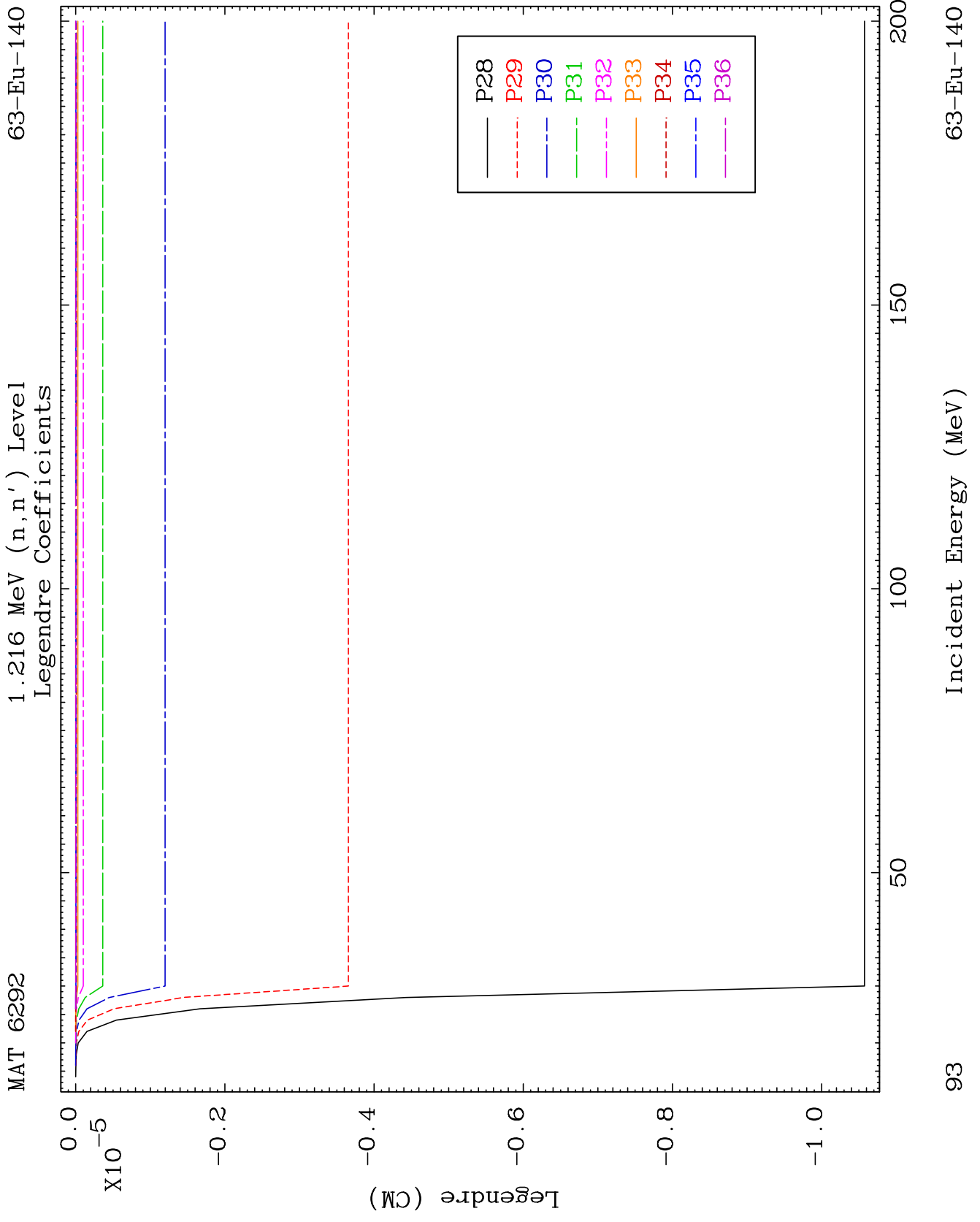
63-Eu-140



91

Incident Energy (MeV)

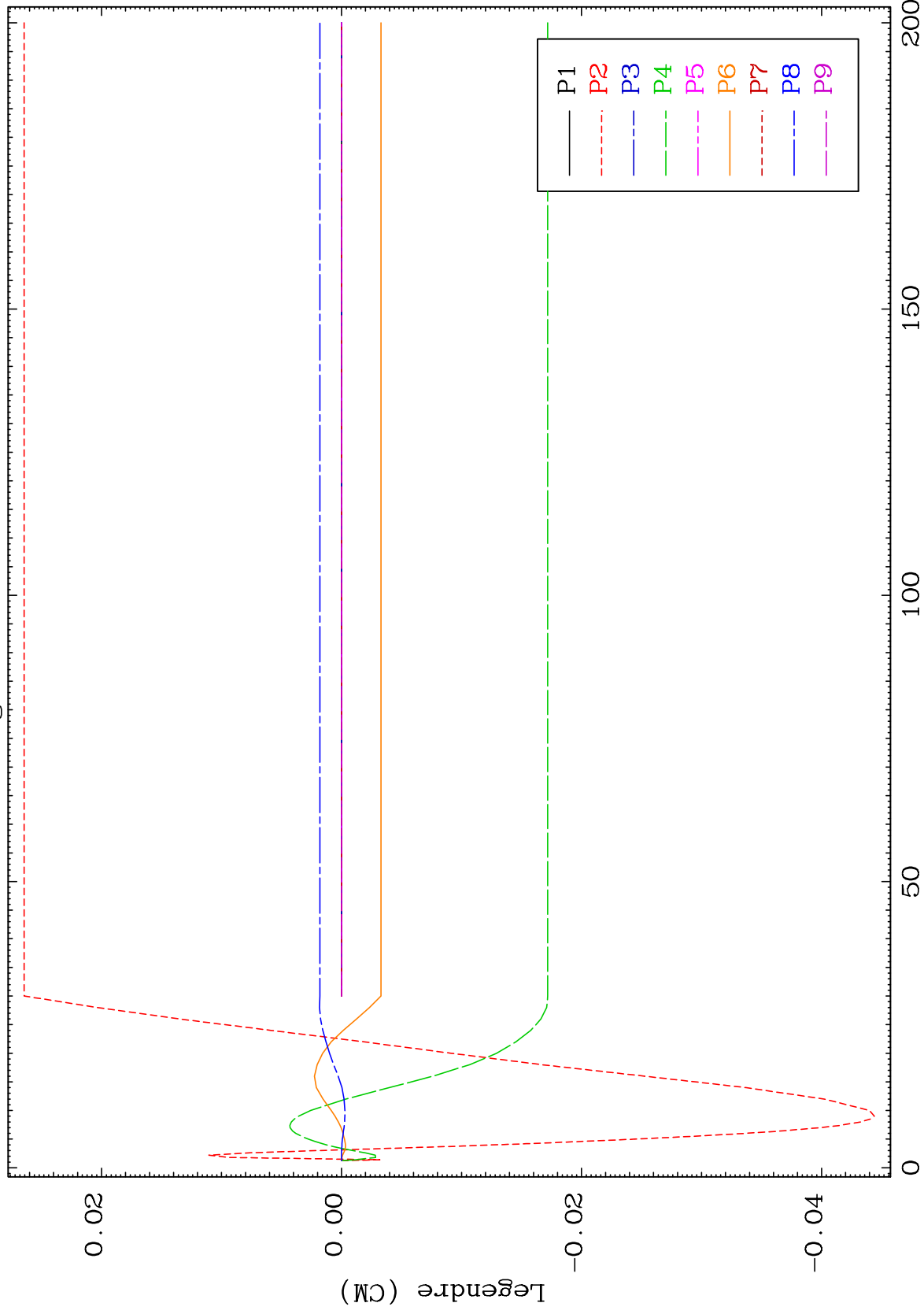
63-Eu-140



MAT 6292

1.219 MeV (n,n') Level
Legendre Coefficients

63-Eu-140



94

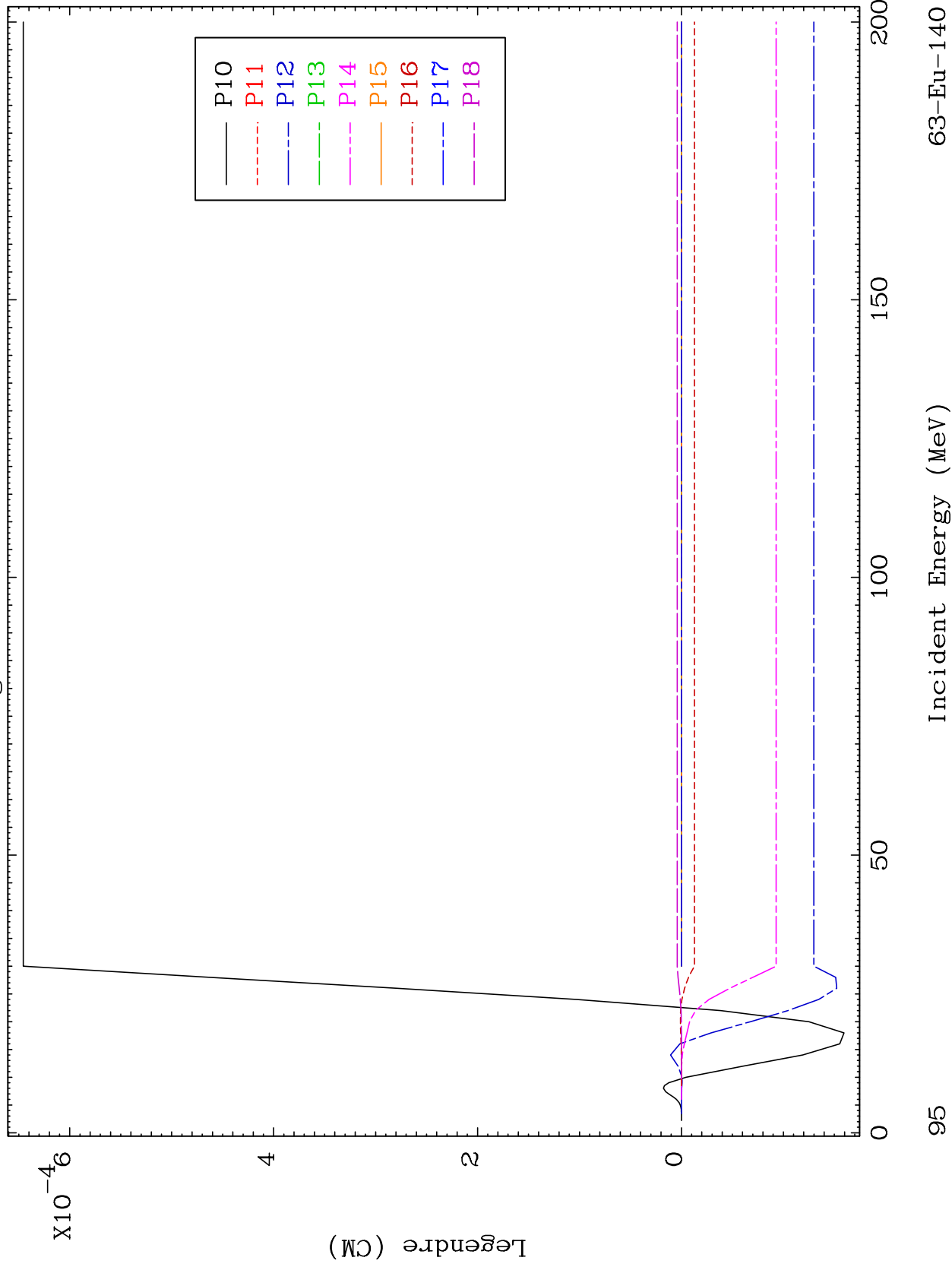
Incident Energy (MeV)

63-Eu-140

MAT 6292

1.219 MeV (n,n') Level
Legendre Coefficients

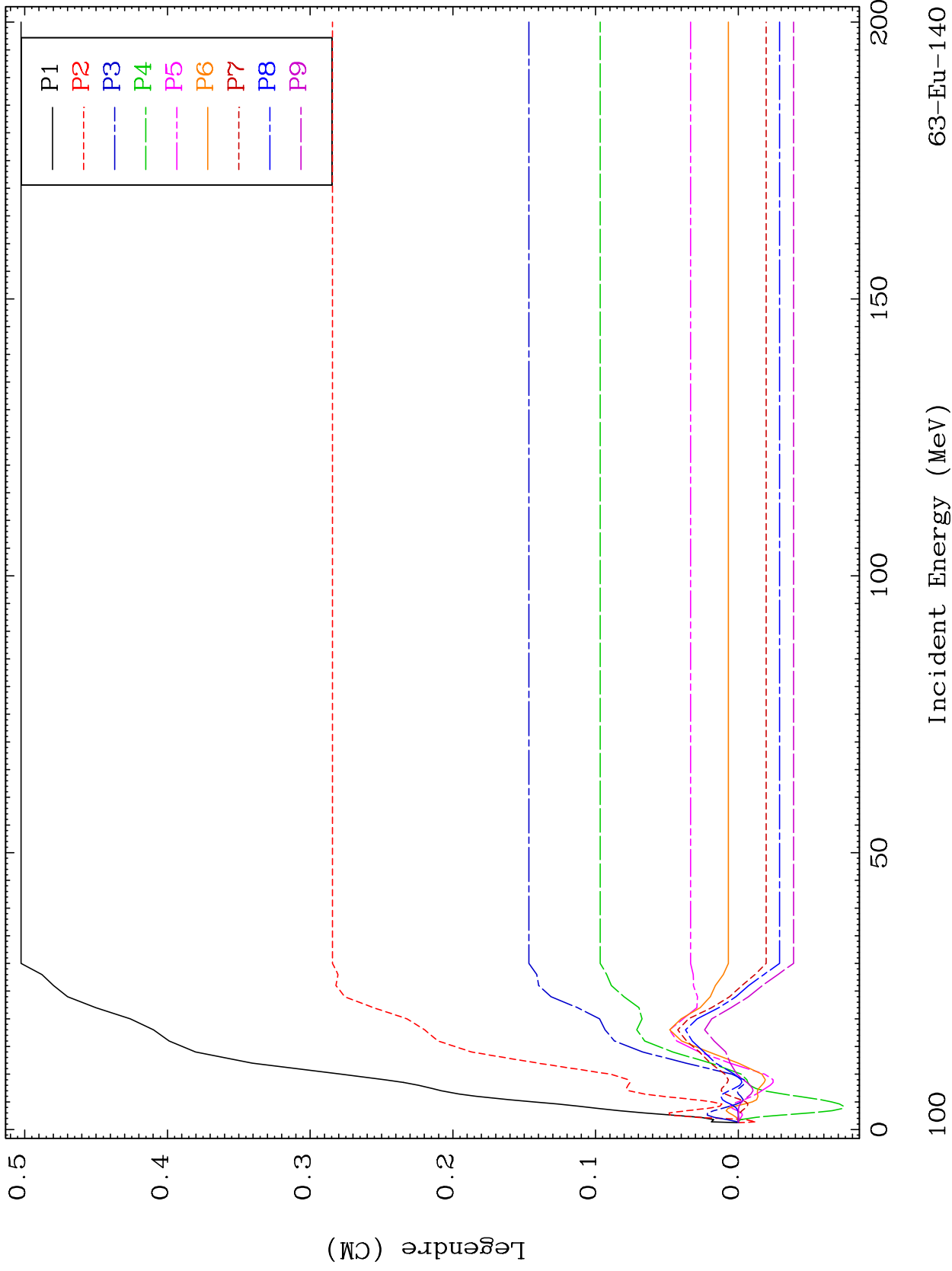
63-Eu-140



MAT 6292

1.221 MeV (n,n') Level
Legendre Coefficients

63-Eu-140

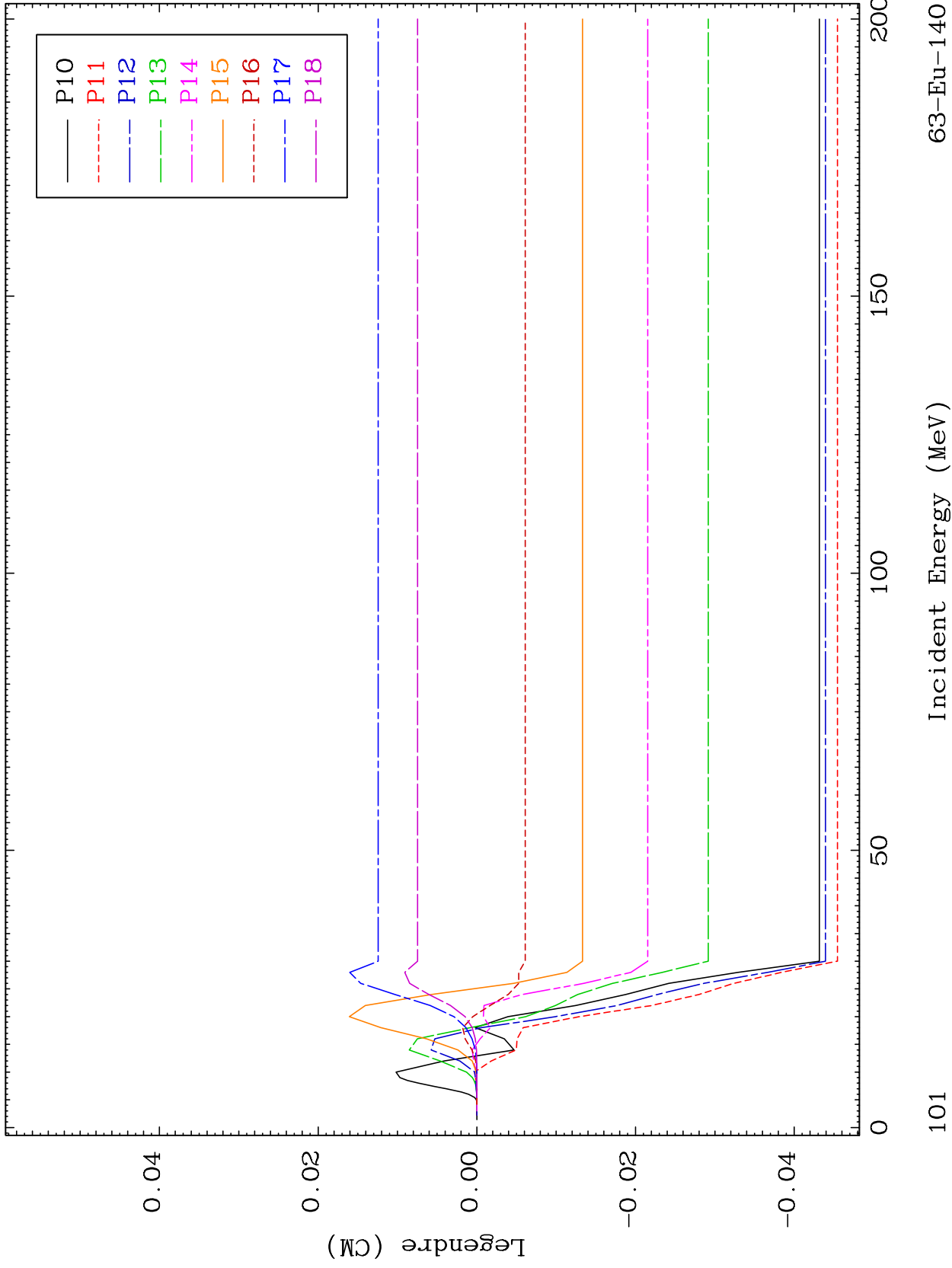


63-Eu-140

MAT 6292

1.221 MeV (n,n') Level
Legendre Coefficients

63-Eu-140



101

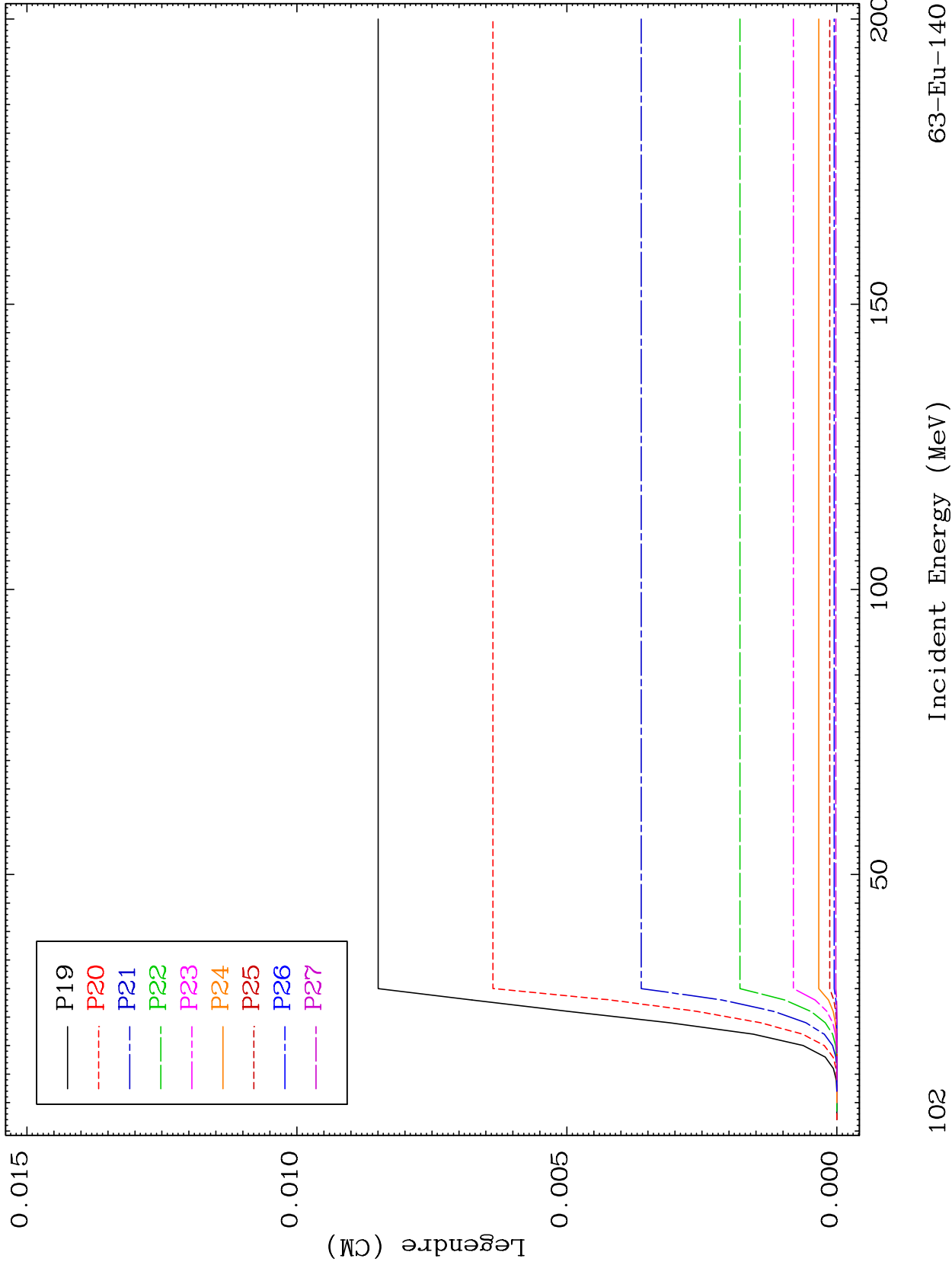
Incident Energy (MeV)

63-Eu-140

MAT 6292

1.221 MeV (n,n') Level
Legendre Coefficients

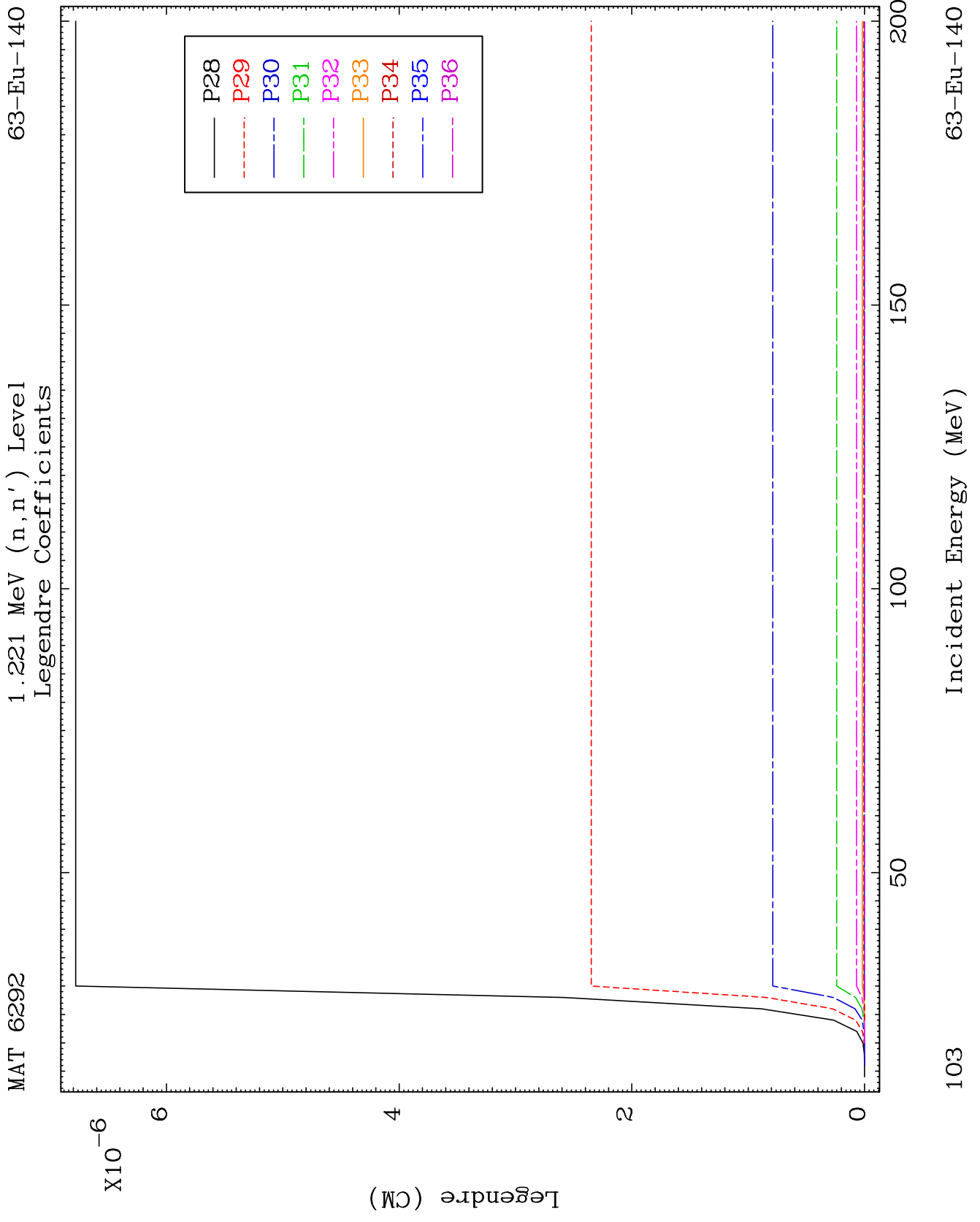
63-Eu-140

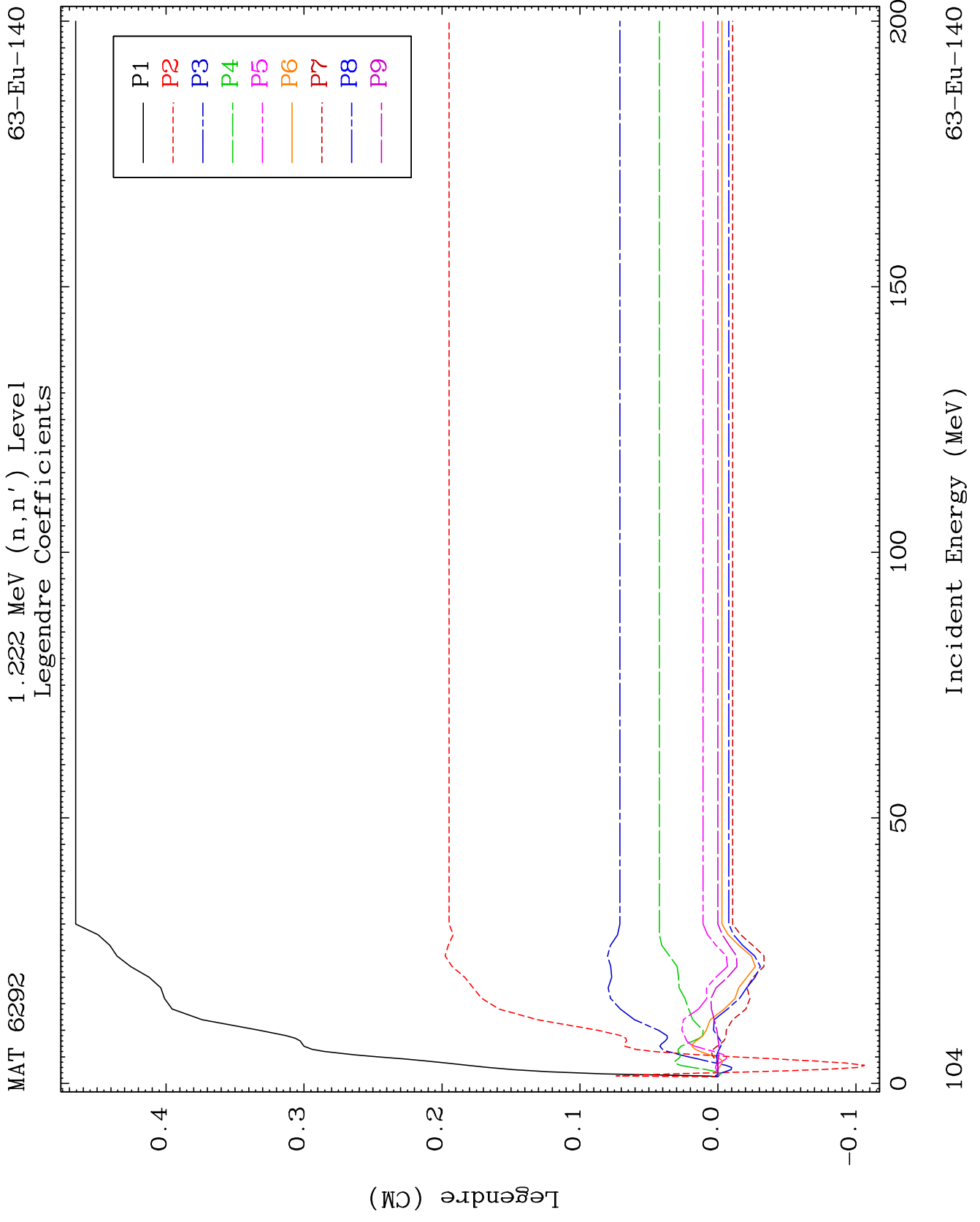


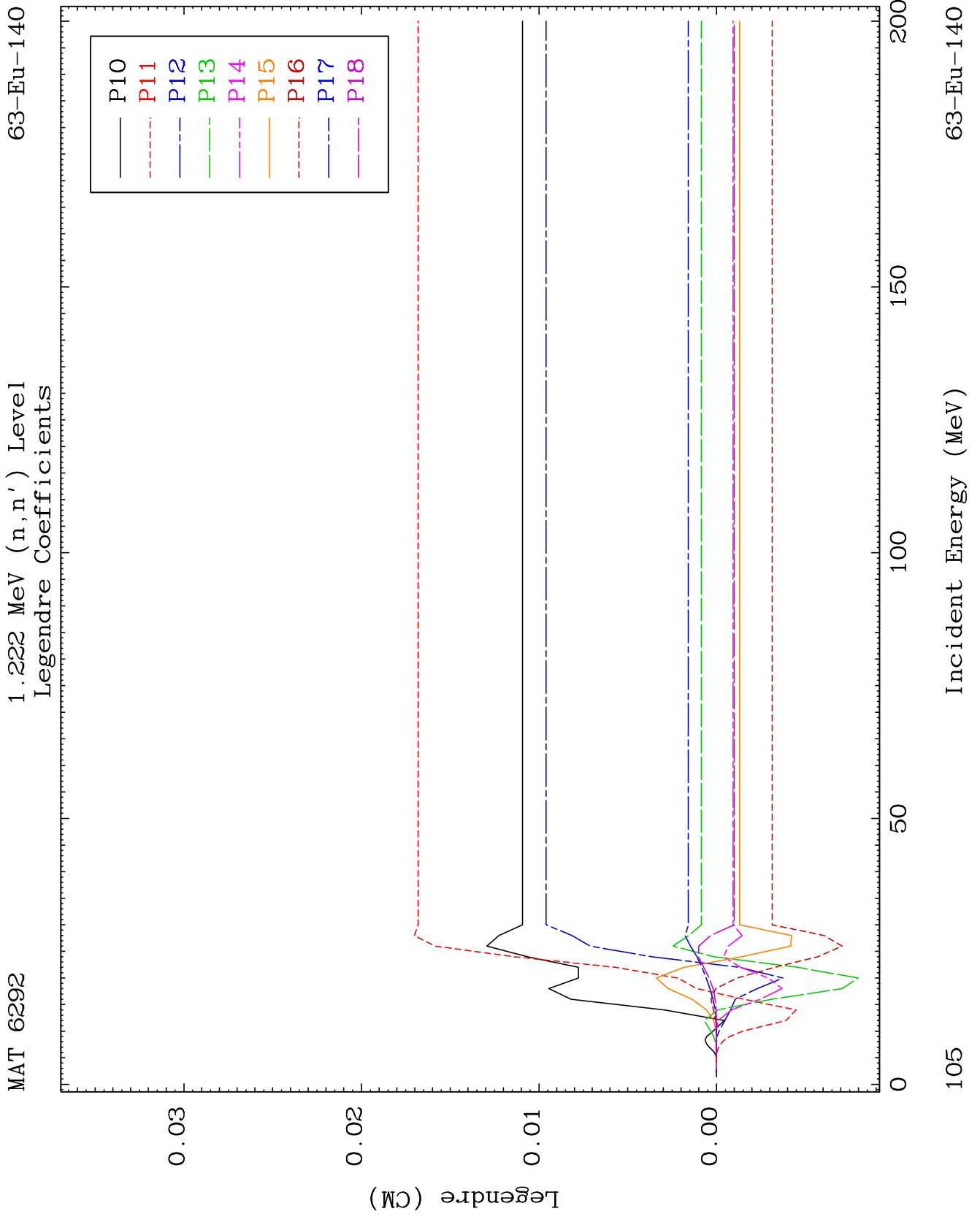
102

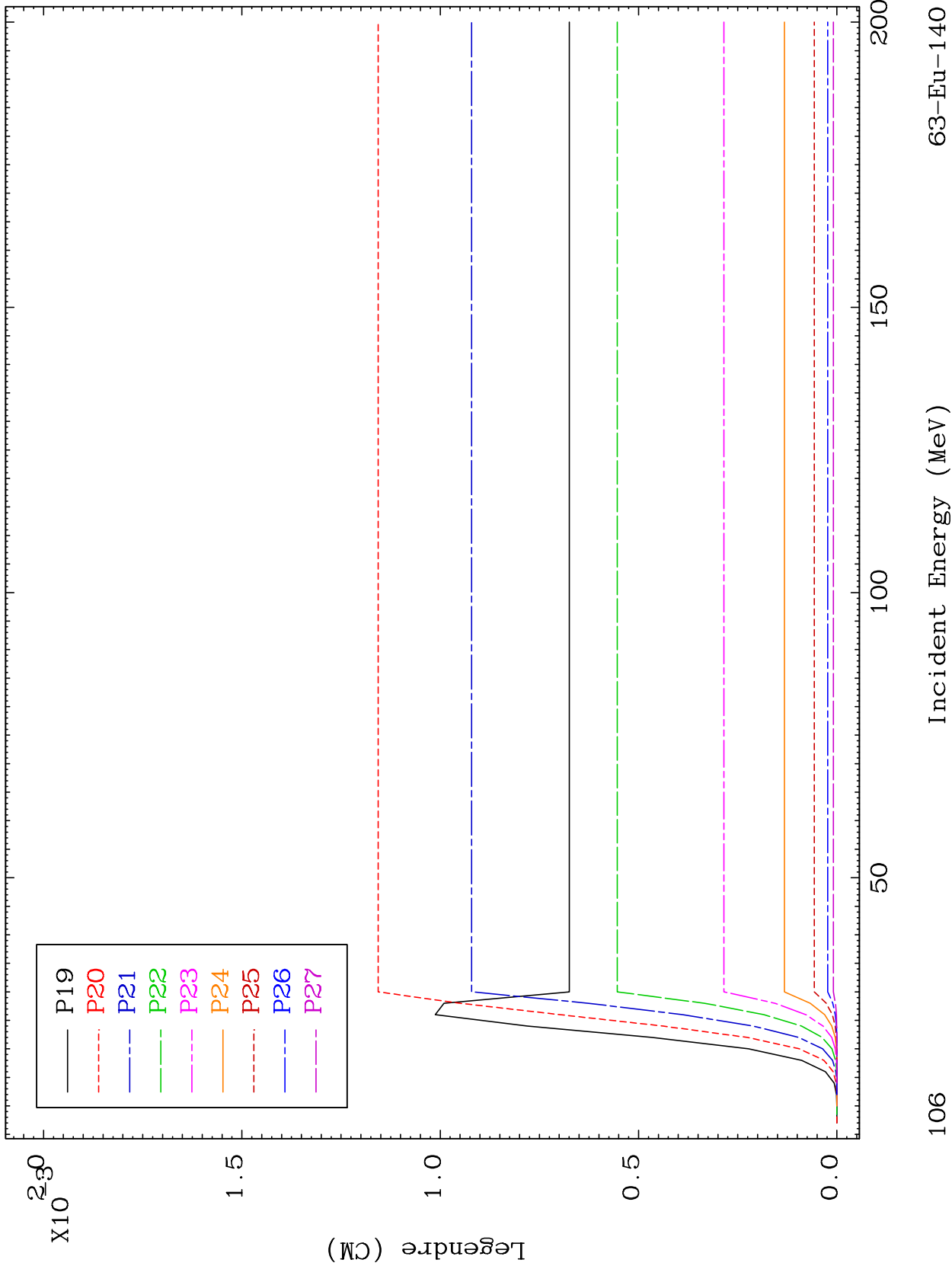
Incident Energy (MeV)

63-Eu-140





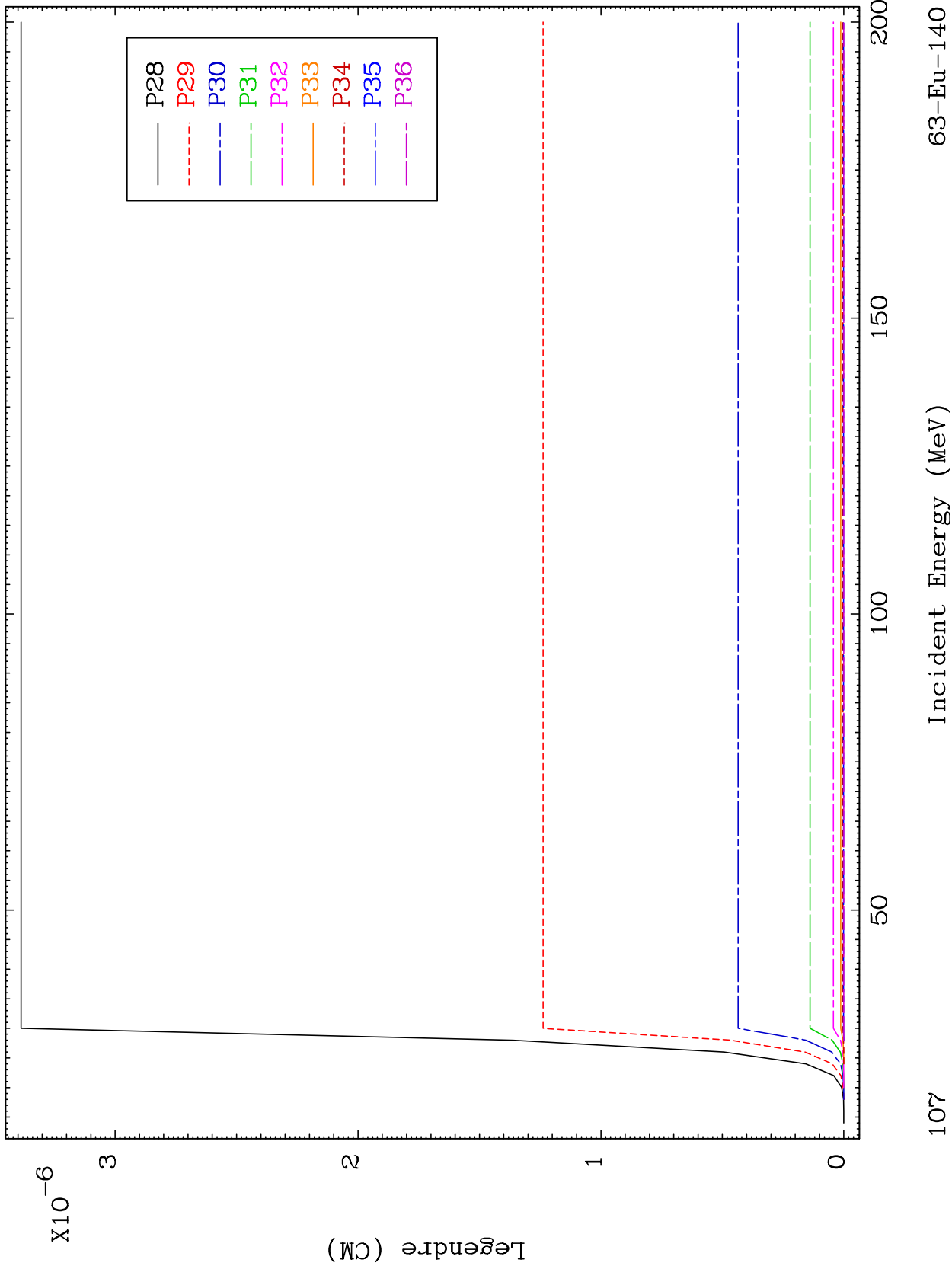




MAT 6292

1.222 MeV (n,n') Level
Legendre Coefficients

63-Eu-140



107

Incident Energy (MeV)

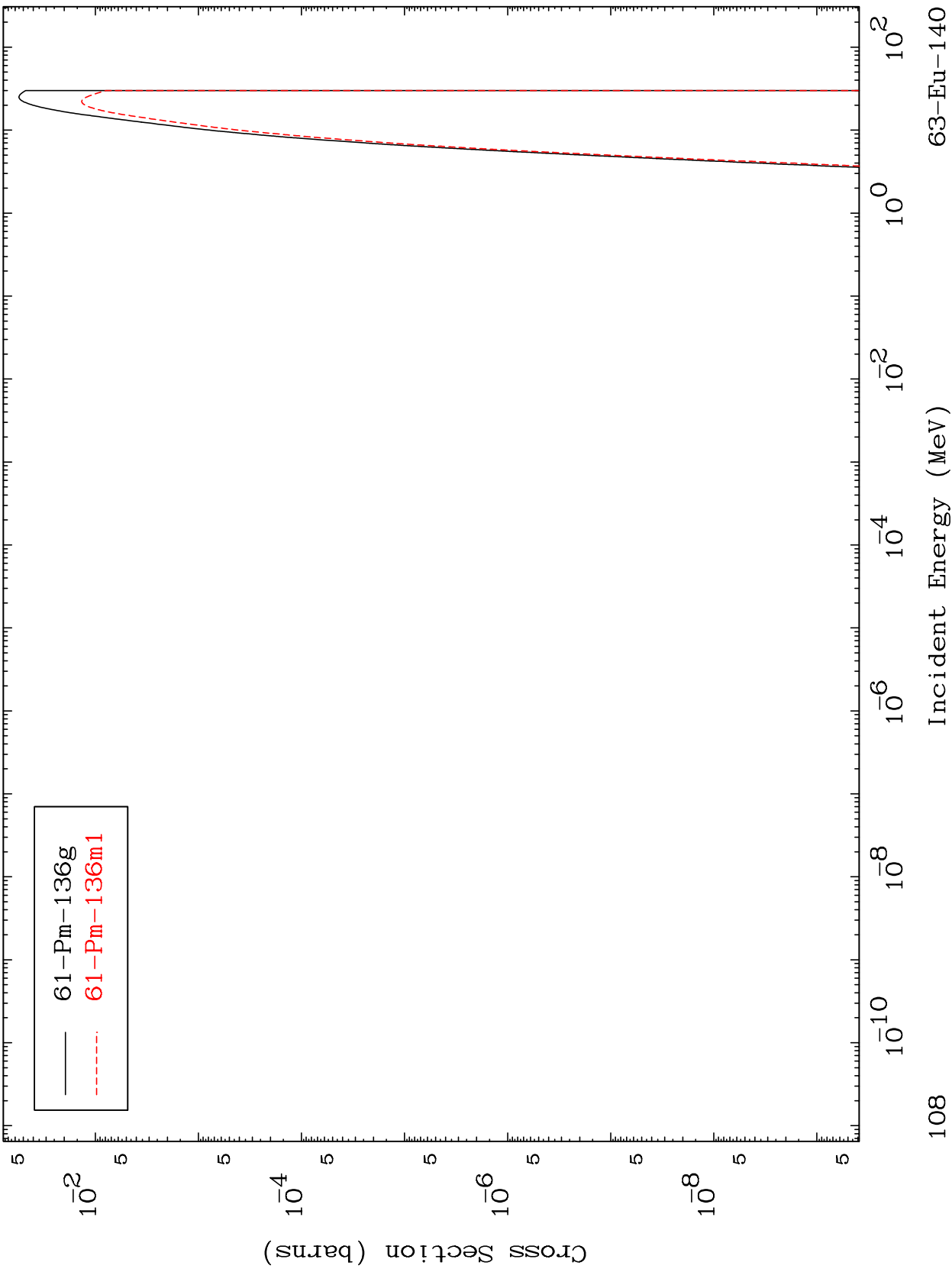
63-Eu-140

MAT 6292

(n, n') α

63-Eu-140

Radionuclide Production Cross Section



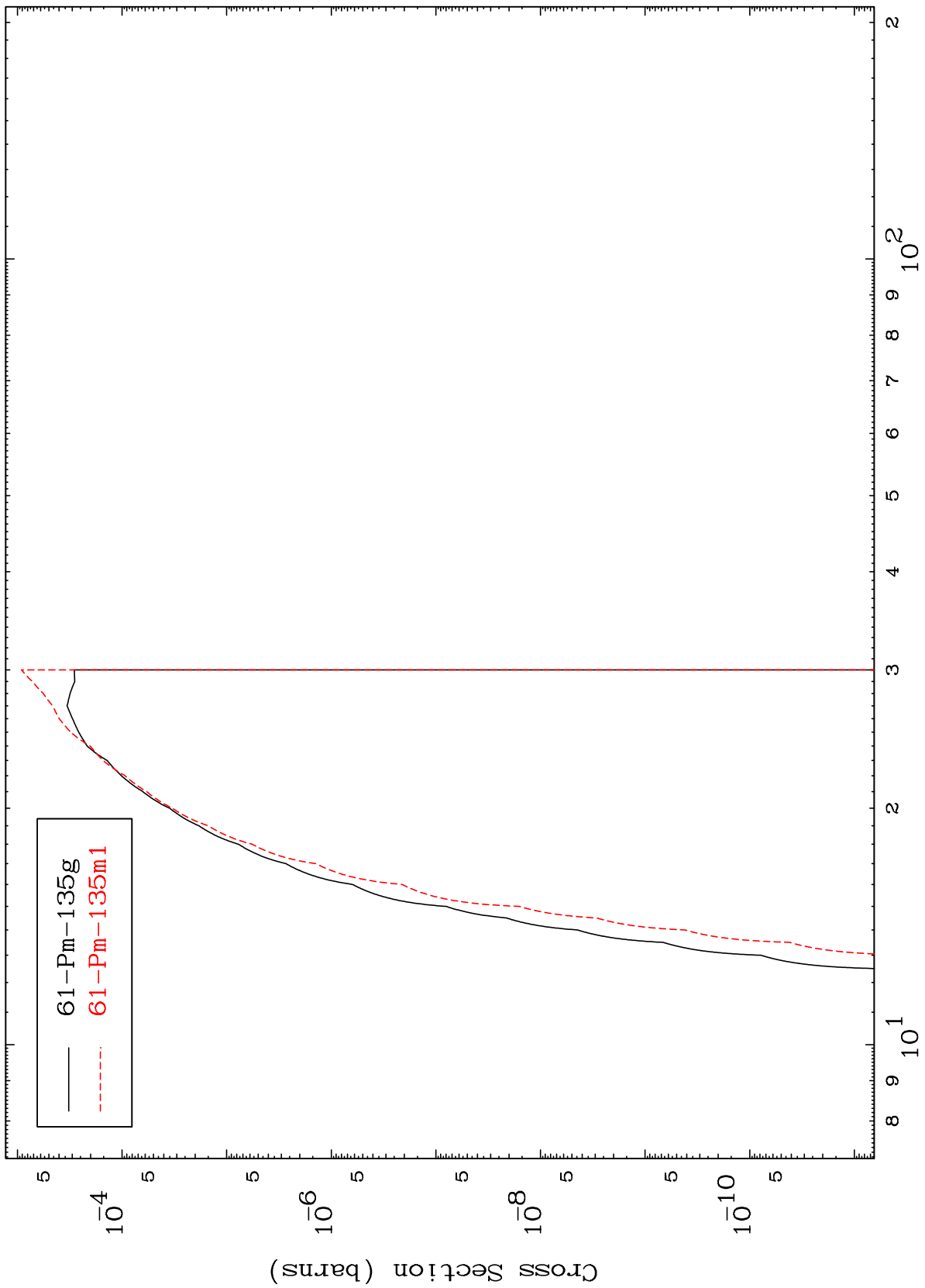
61-Pm-136g
61-Pm-136m1

MAT 6292

(n,2n) α

63-Eu-140

Radionuclide Production Cross Section



109

Incident Energy (MeV)

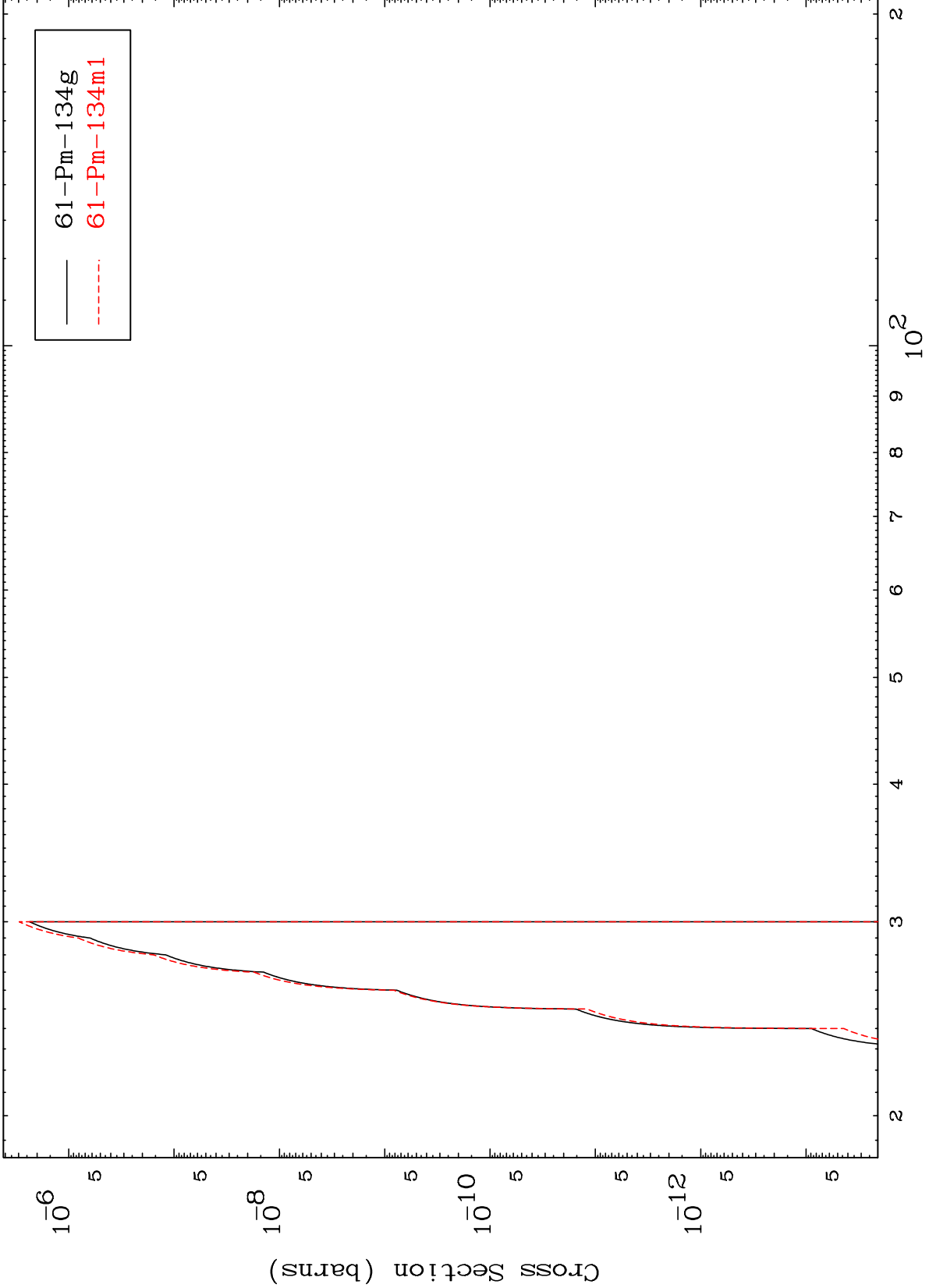
63-Eu-140

MAT 6292

(n,3n) α

63-Eu-140

Radionuclide Production Cross Section



110

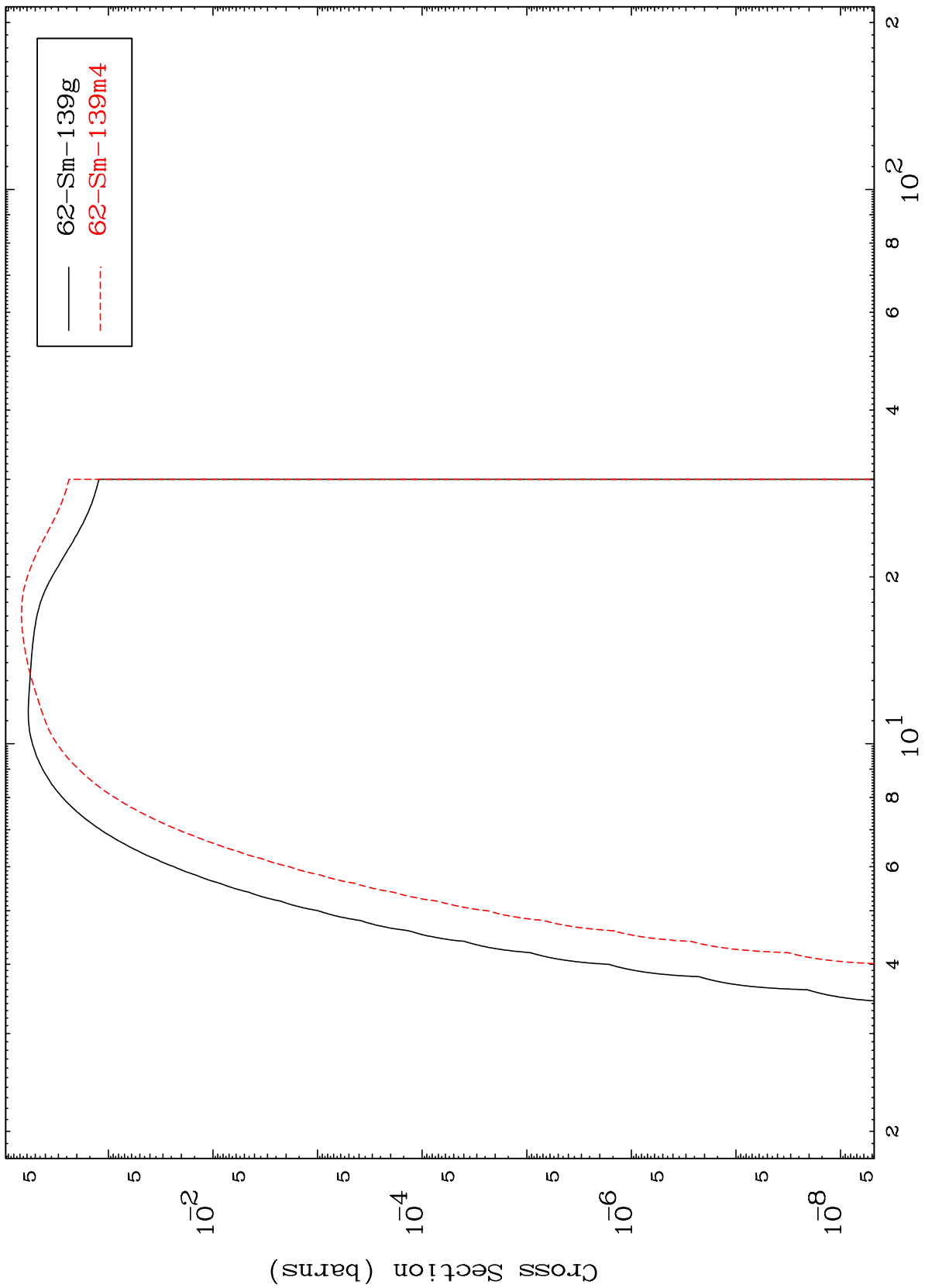
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

$(n, n') p$
Radionuclide Production Cross Section



111

Incident Energy (MeV)

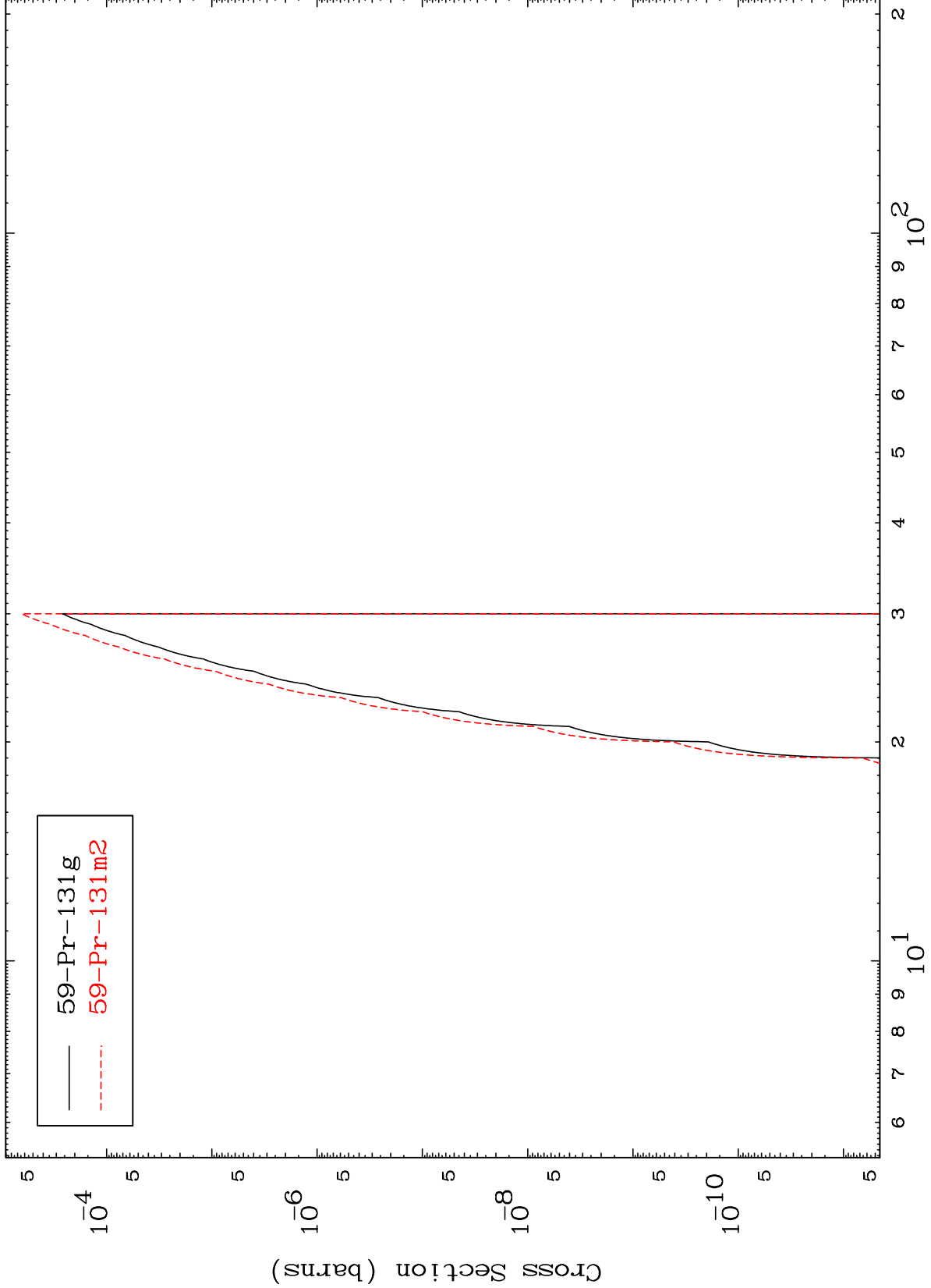
63-Eu-140

MAT 6292

$(n, 2n) 2\alpha$

63-Eu-140

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

112

Incident Energy (MeV)

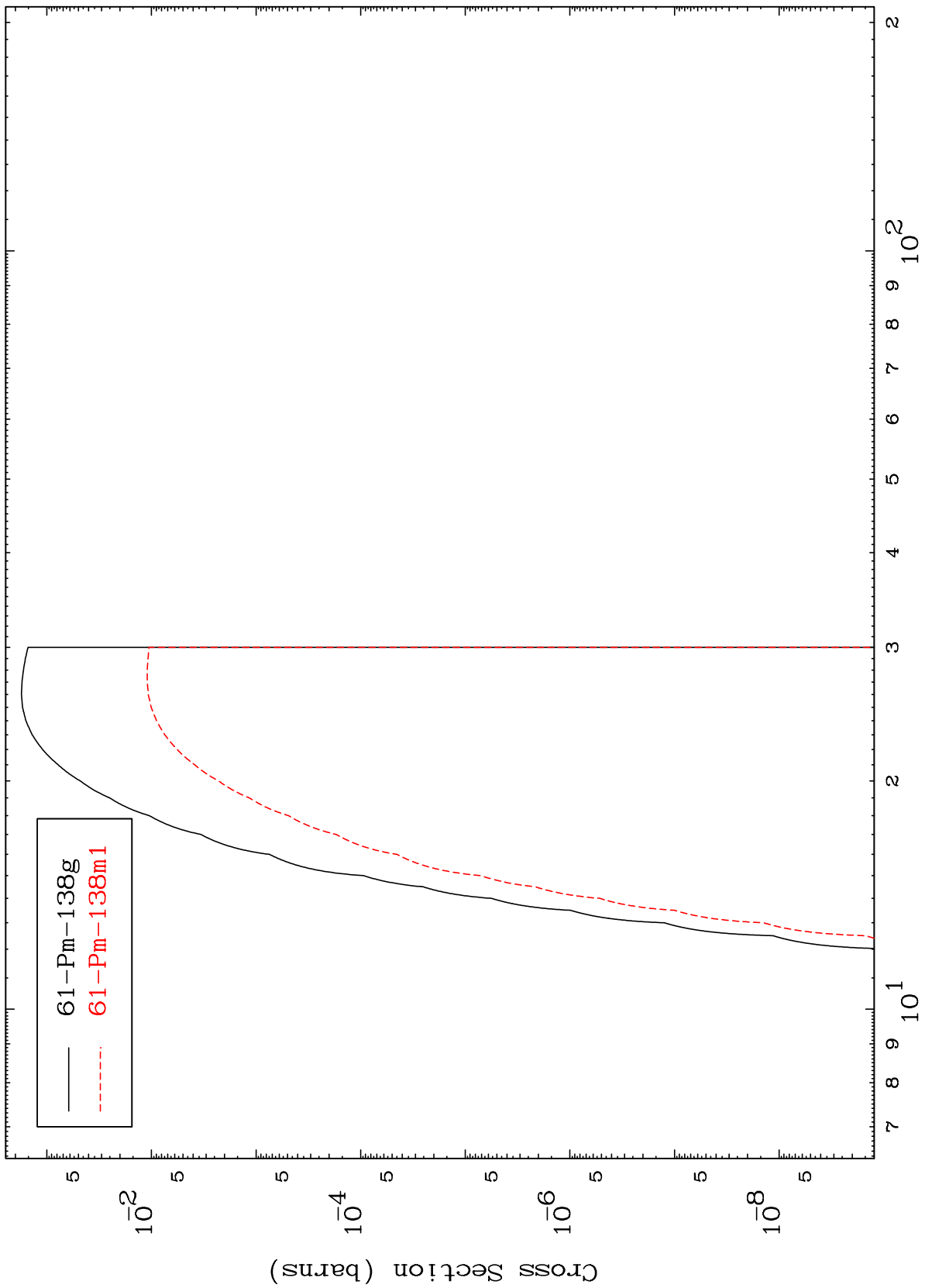
63-Eu-140

MAT 6292

(n,2n) p

63-Eu-140

Radionuclide Production Cross Section



113

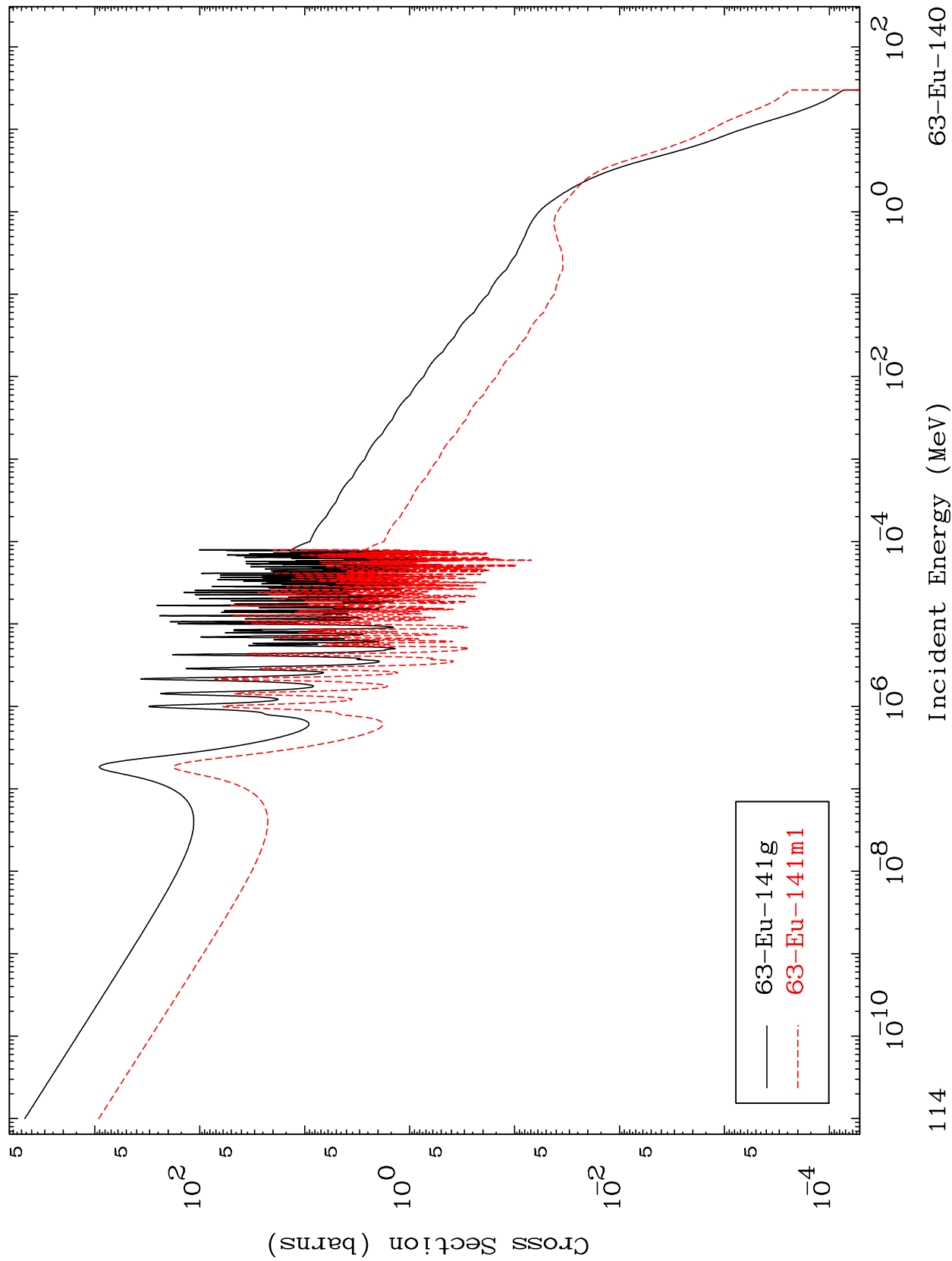
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(n, γ)
Radionuclide Production Cross Section



114

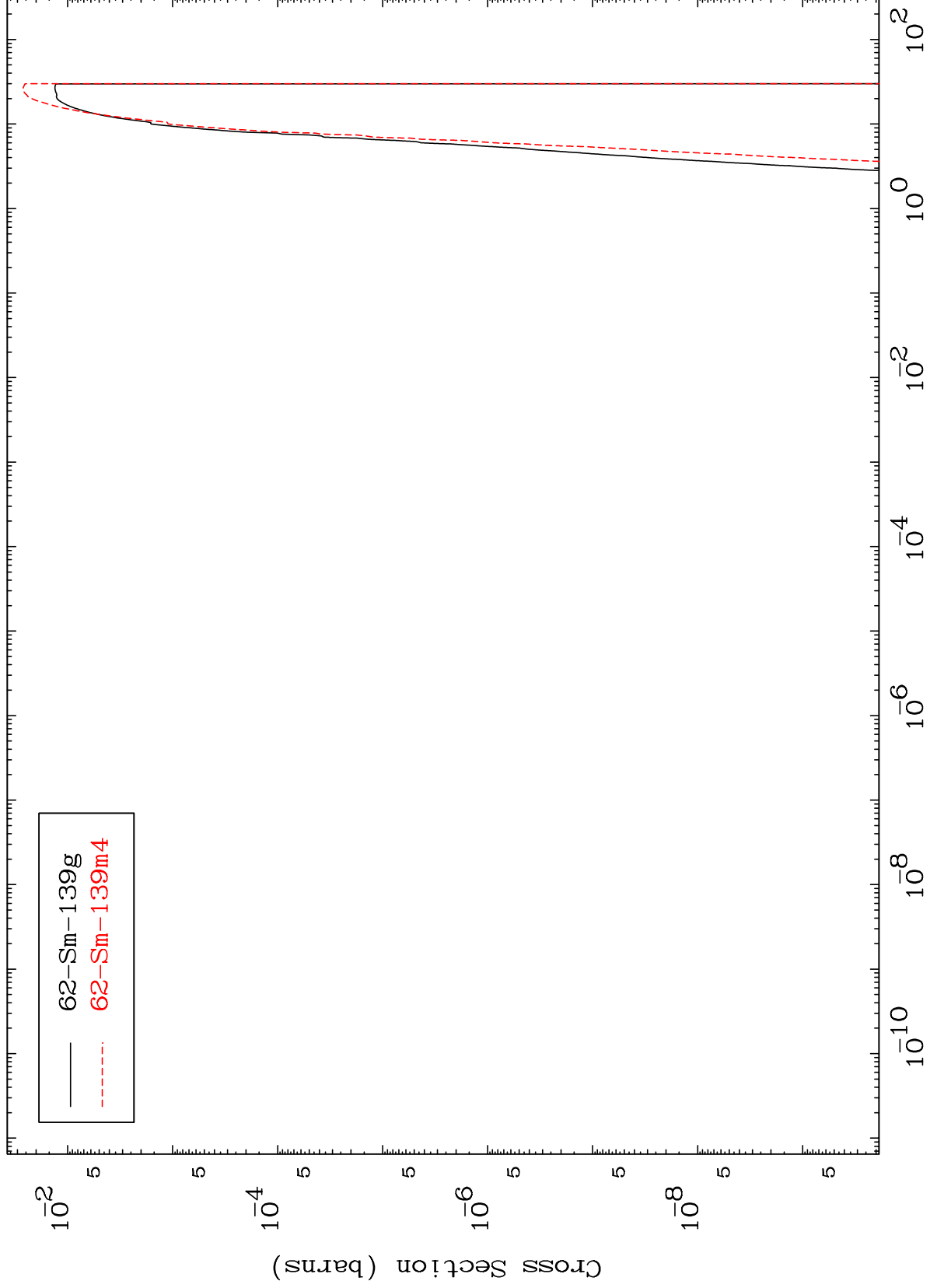
63-Eu-140

MAT 6292

(n,d)

⁶³Eu-140

Radionuclide Production Cross Section



115

Incident Energy (MeV)

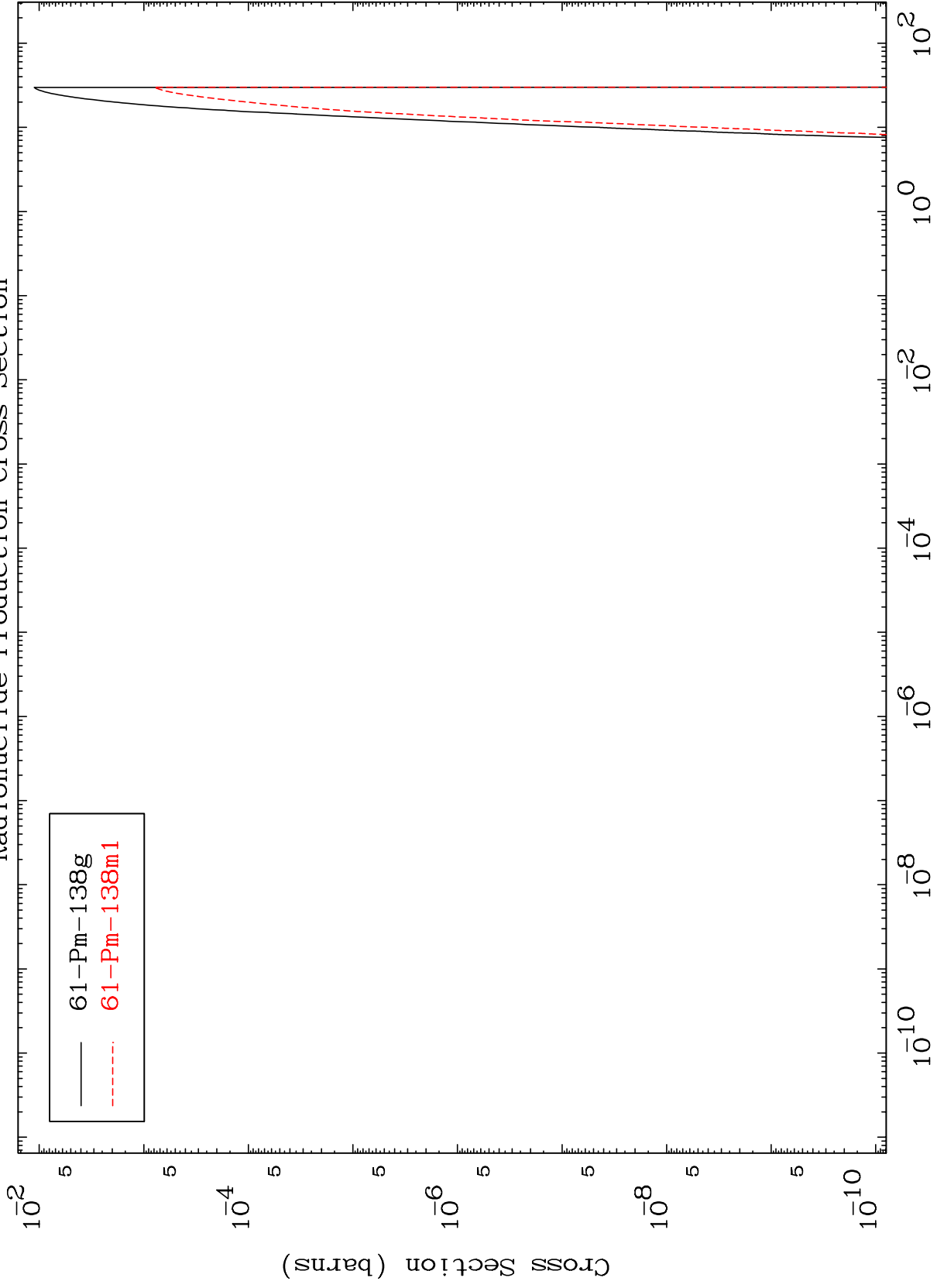
⁶³Eu-140

MAT 6292

(n,He-3)

63-Eu-140

Radionuclide Production Cross Section



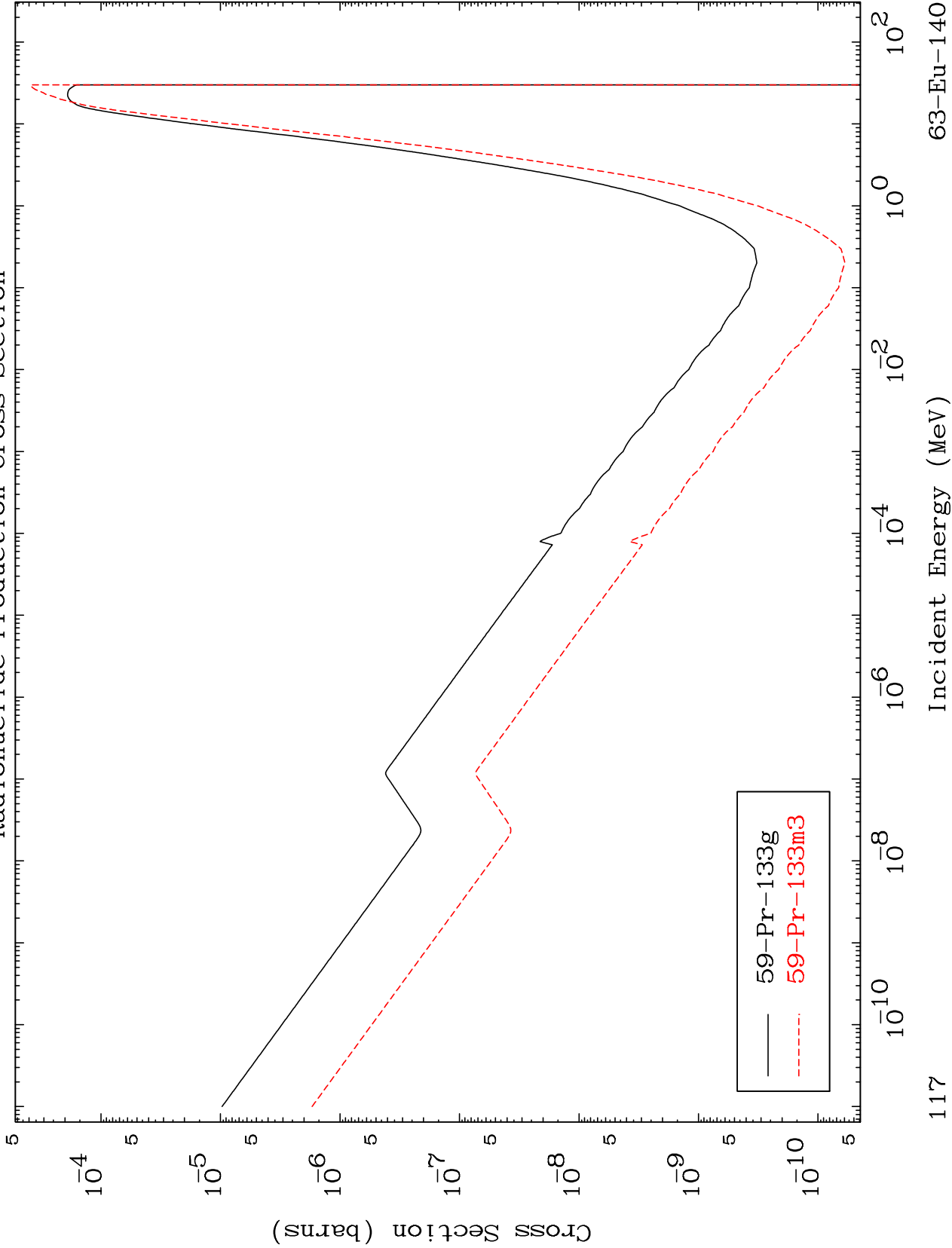
61-Pm-138g
61-Pm-138m1

MAT 6292

(n,2α)

63-Eu-140

Radionuclide Production Cross Section



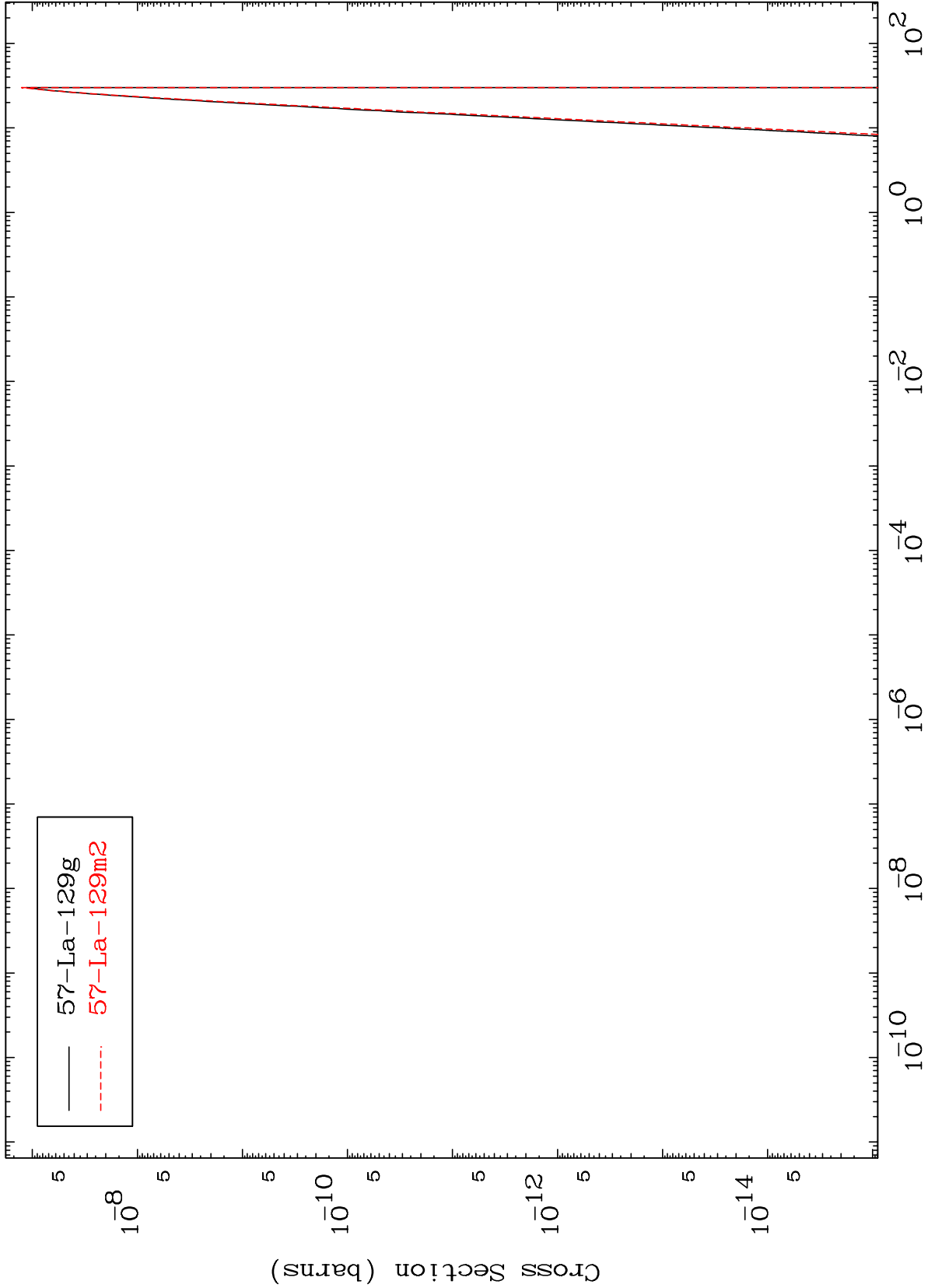
— 59-Pr-133g
- - - 59-Pr-133m3

MAT 6292

(n, 3α)

63-Eu-140

Radionuclide Production Cross Section



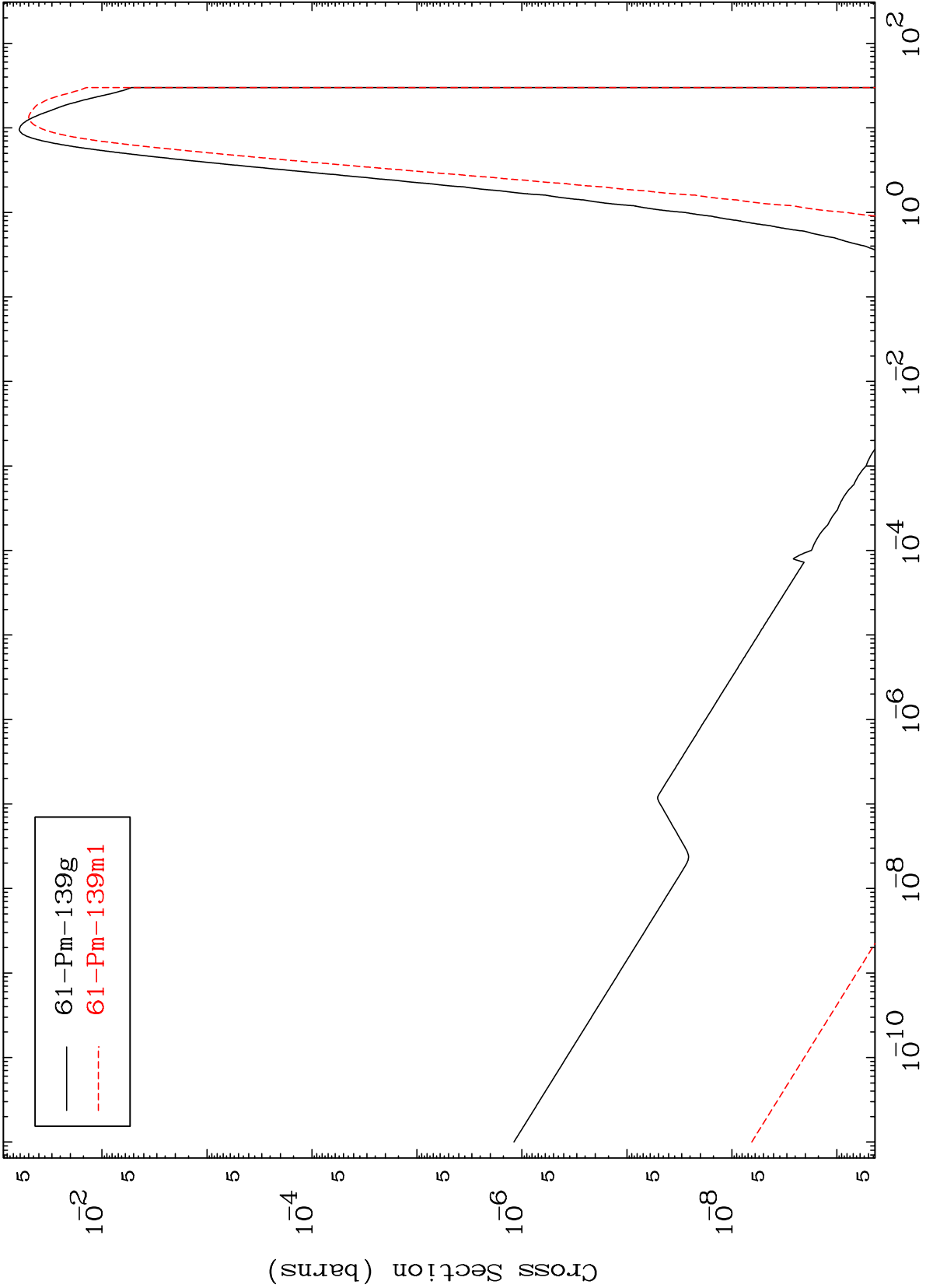
57-La-129g
57-La-129m2

MAT 6292

(n,2p)

63-Eu-140

Radionuclide Production Cross Section



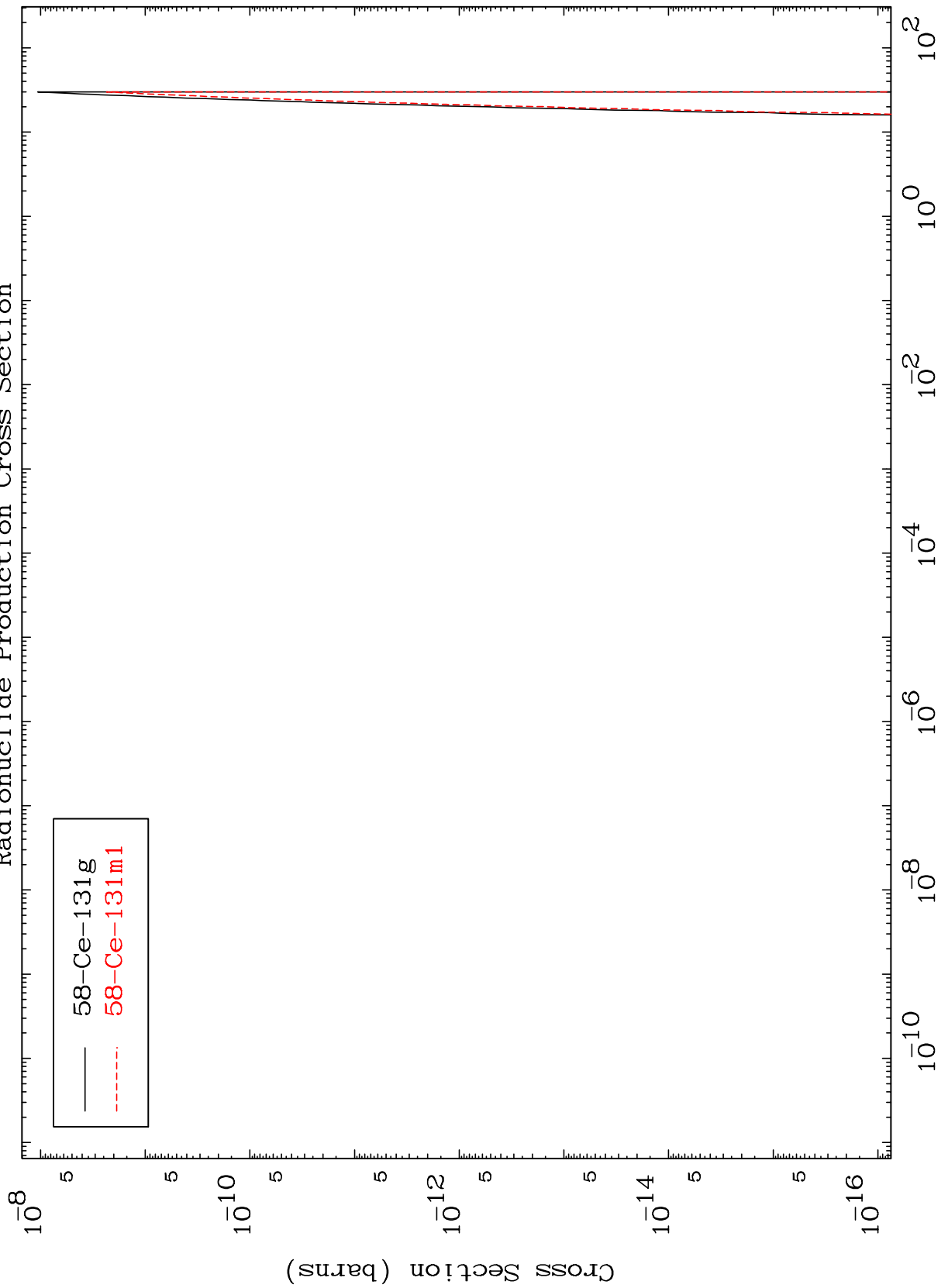
61-Pm-139g
61-Pm-139m1

MAT 6292

(n,d) 2 α

63-Eu-140

Radionuclide Production Cross Section



120

Incident Energy (MeV)

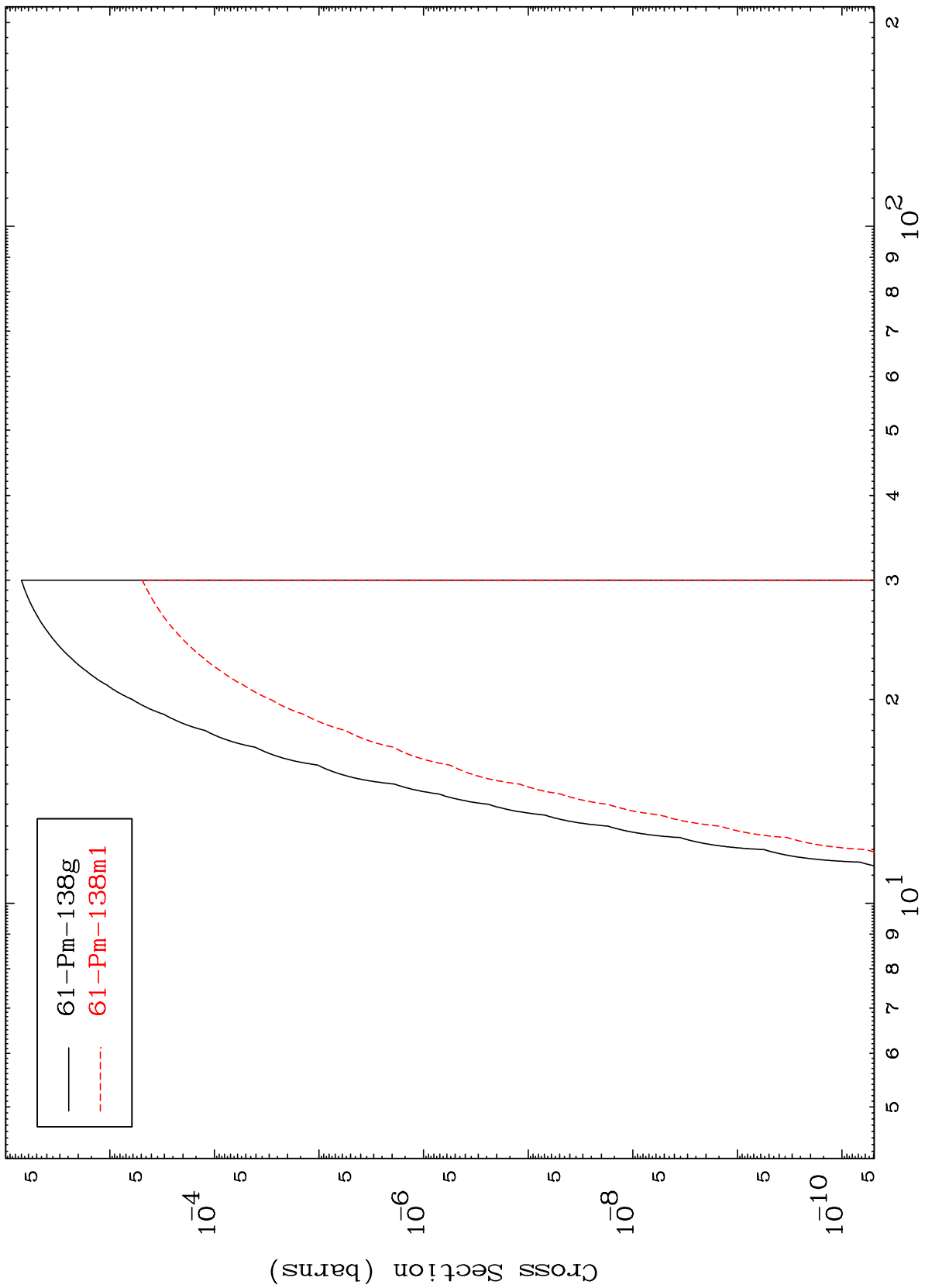
63-Eu-140

MAT 6292

(n,p) d

63-Eu-140

Radionuclide Production Cross Section



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

121

Incident Energy (MeV)

63-Eu-140