

Program EVALPLOT
(Version 2017-1)

by

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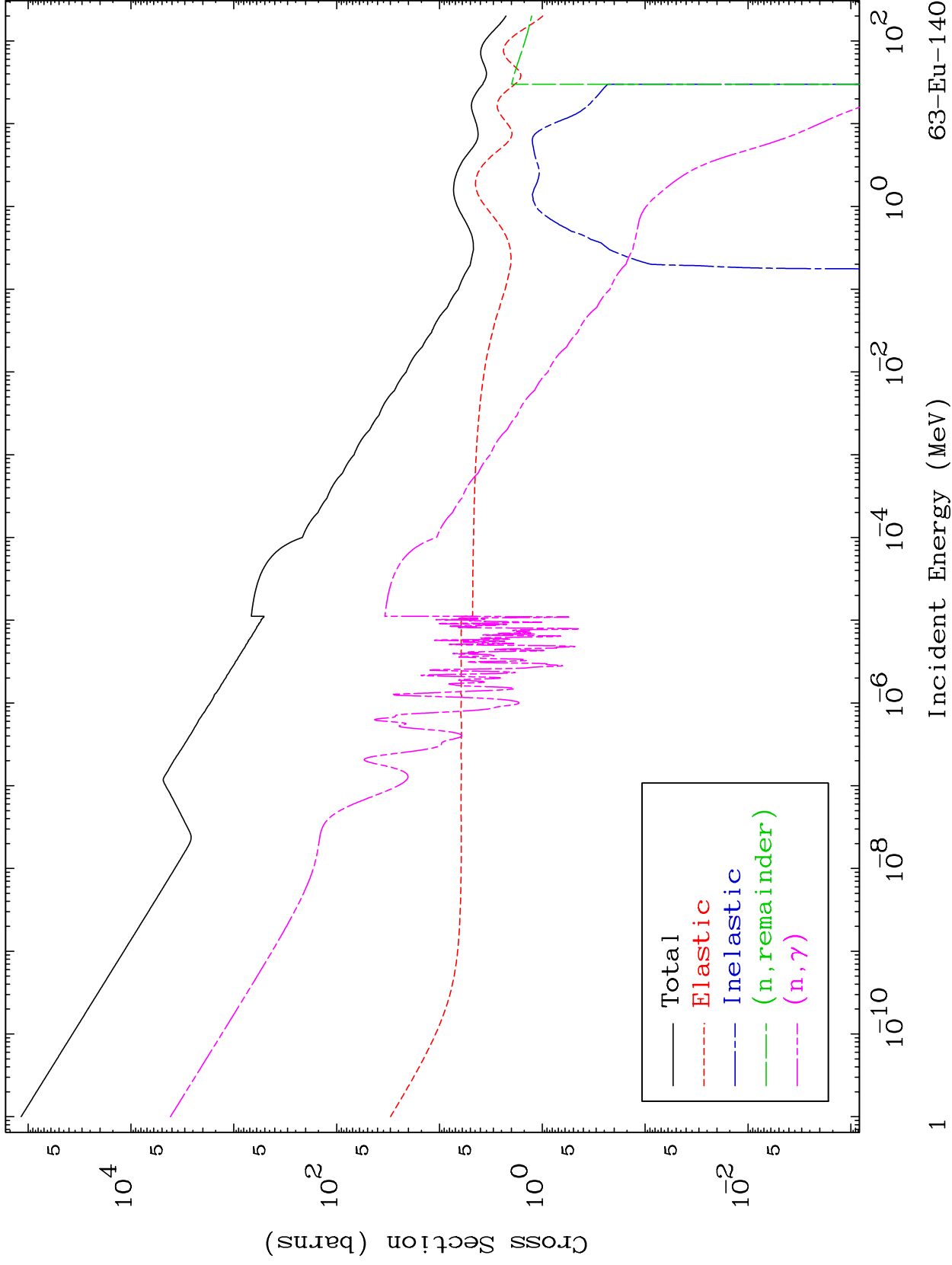
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Press Mouse Button to Start

MAT 6292

Major
293 Kelvin Cross Sections

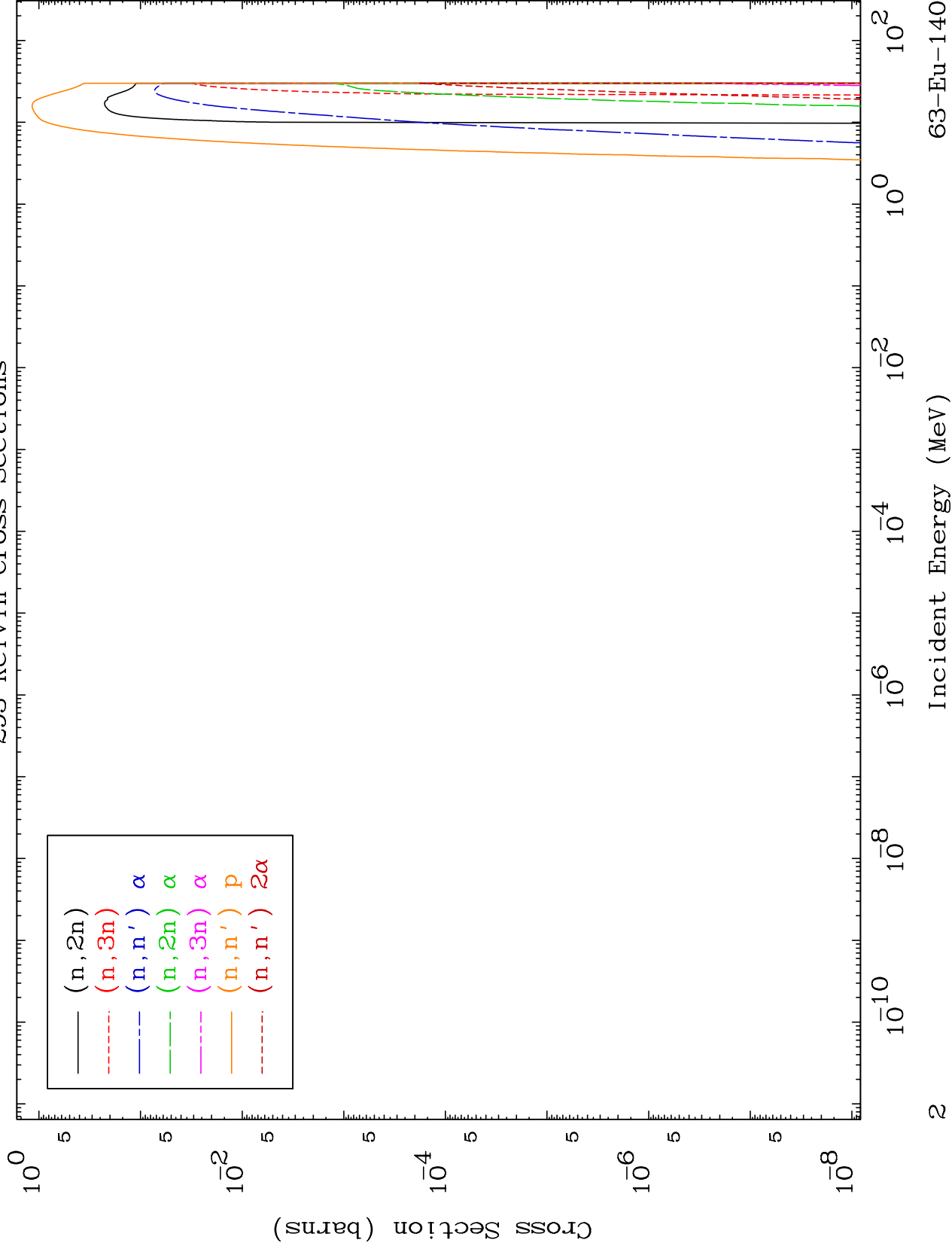
63-Eu-140

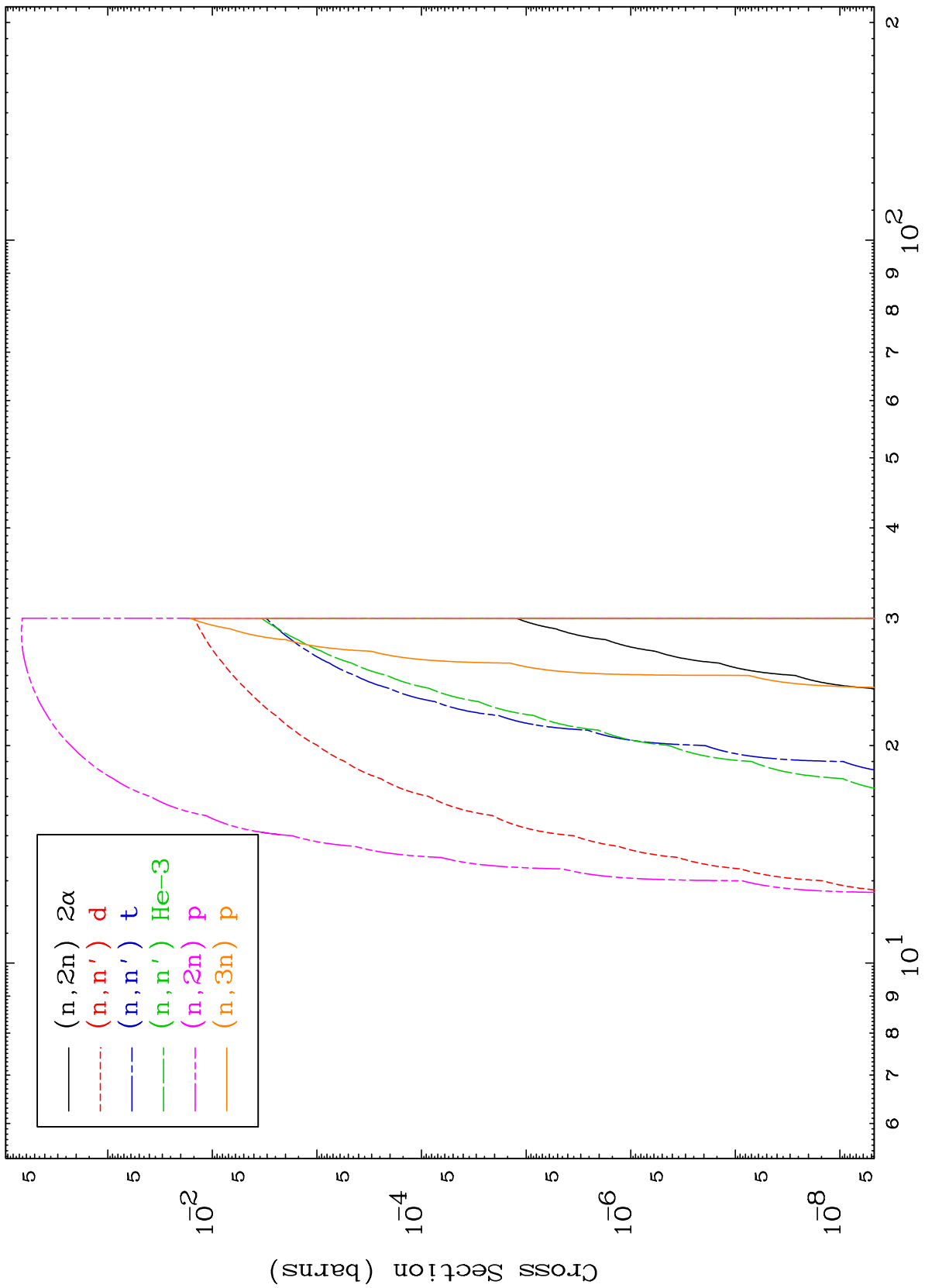


MAT 6292

Neutron Production
293 Kelvin Cross Sections

63-Eu-140

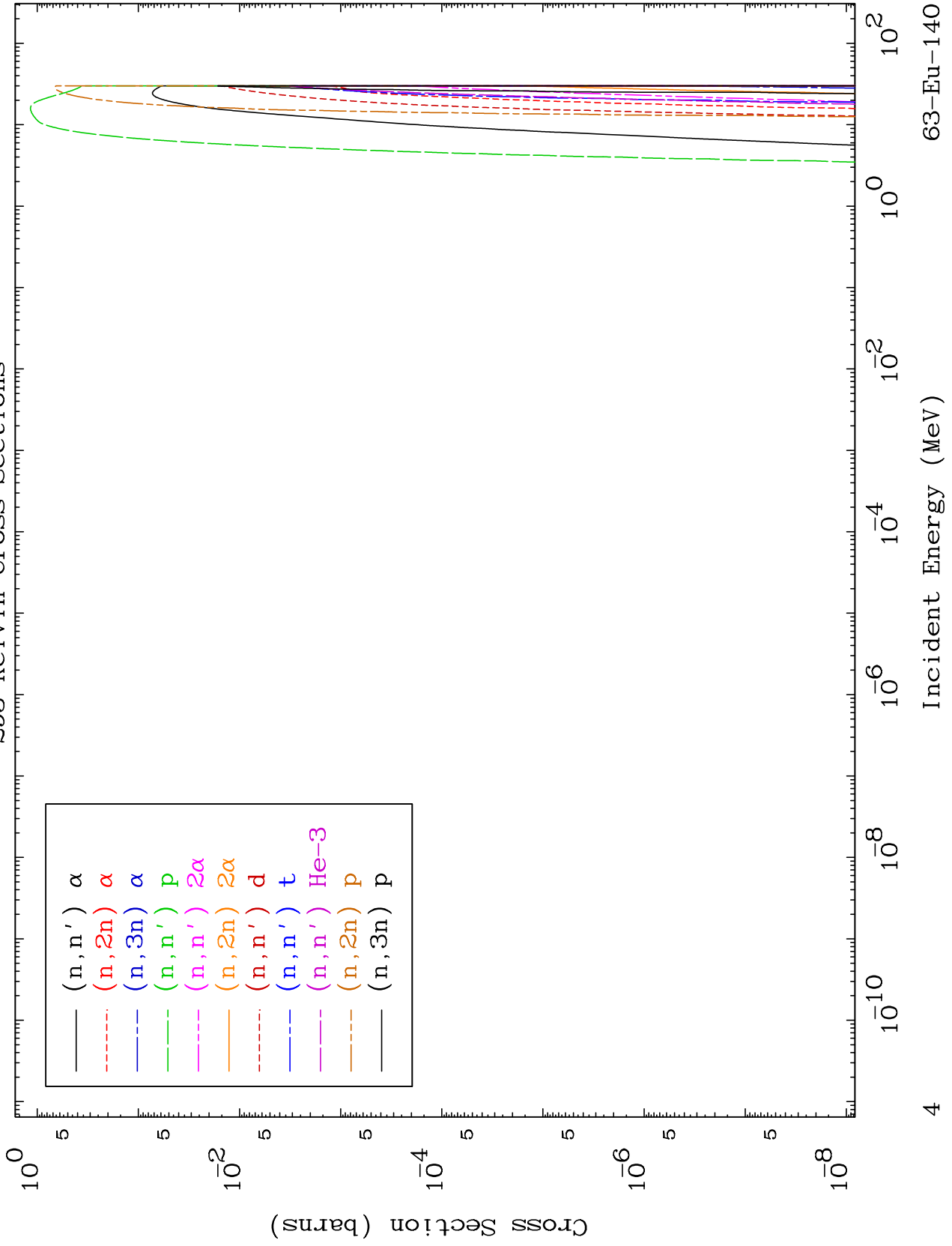




MAT 6292

Charged Particle
293 Kelvin Cross Sections

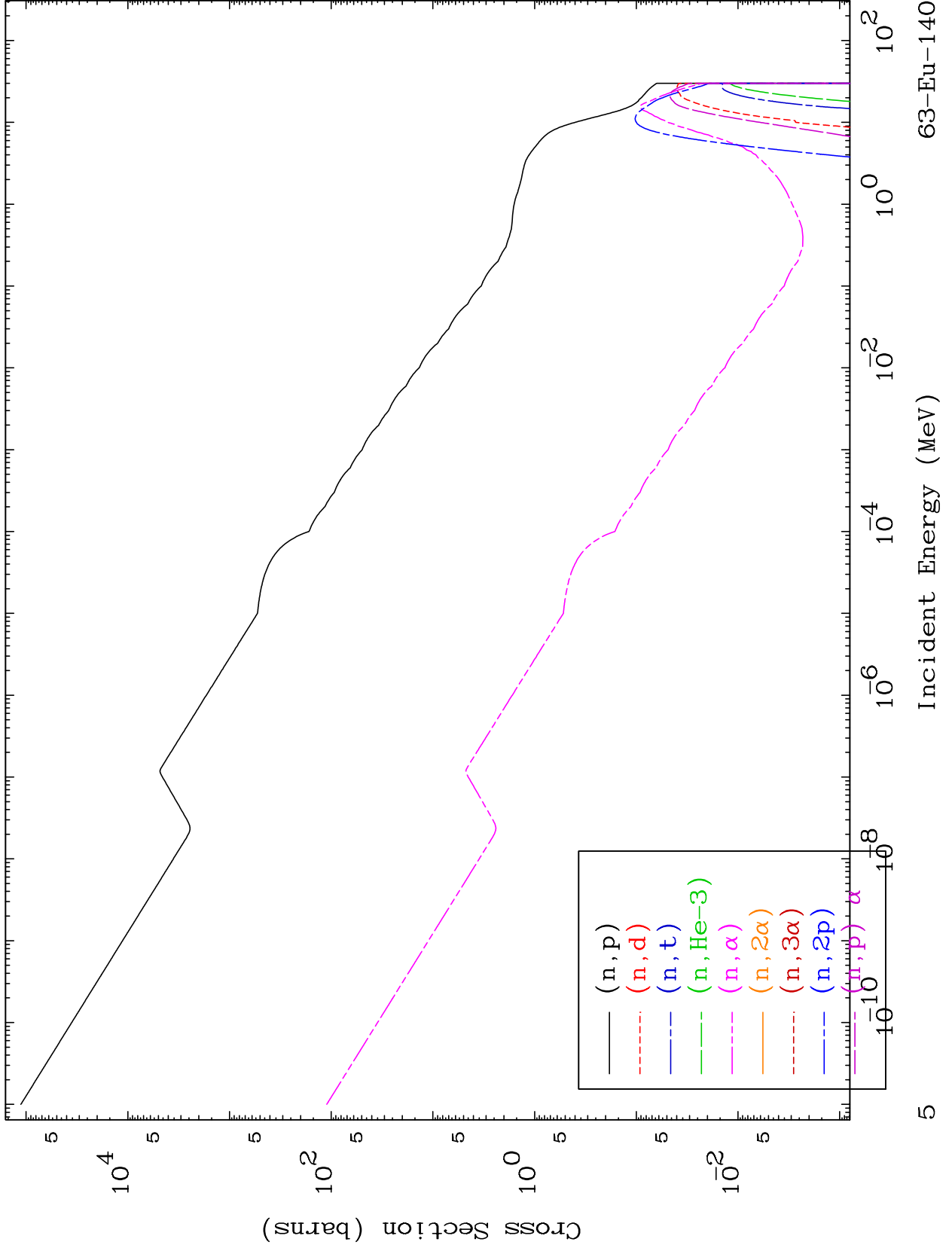
63-Eu-140



MAT 6292

Charged Particle
293 Kelvin Cross Sections

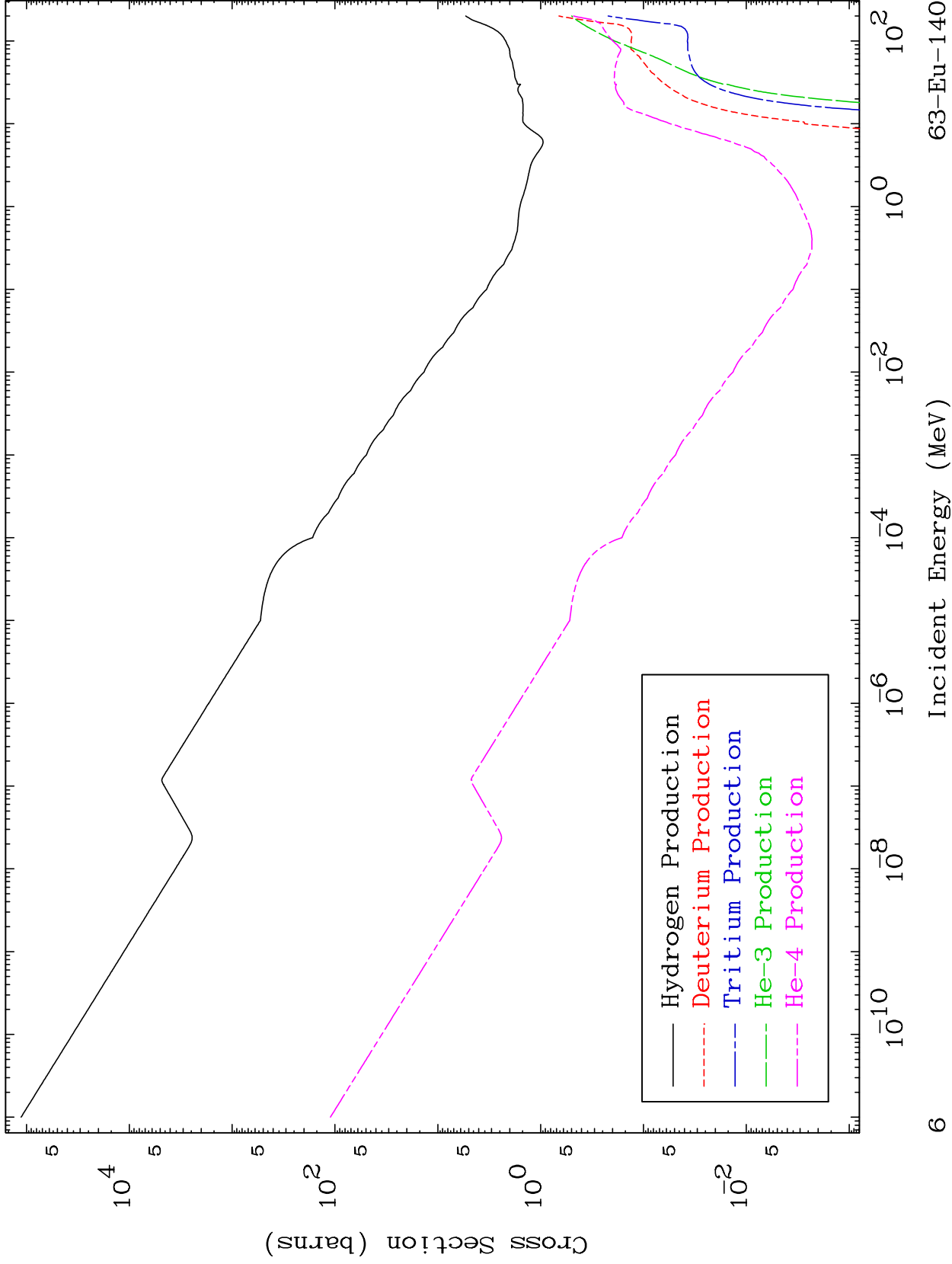
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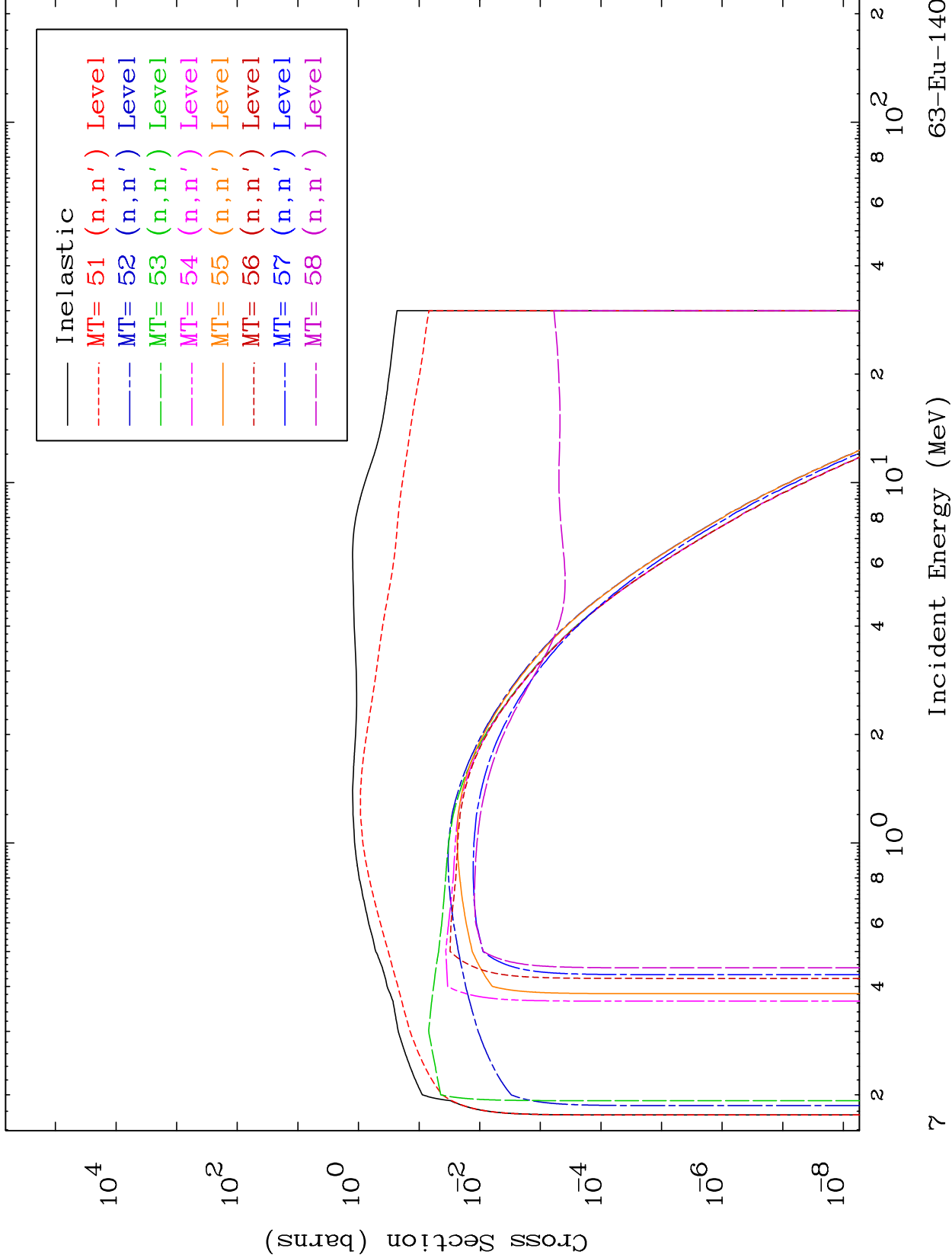


MAT 6292

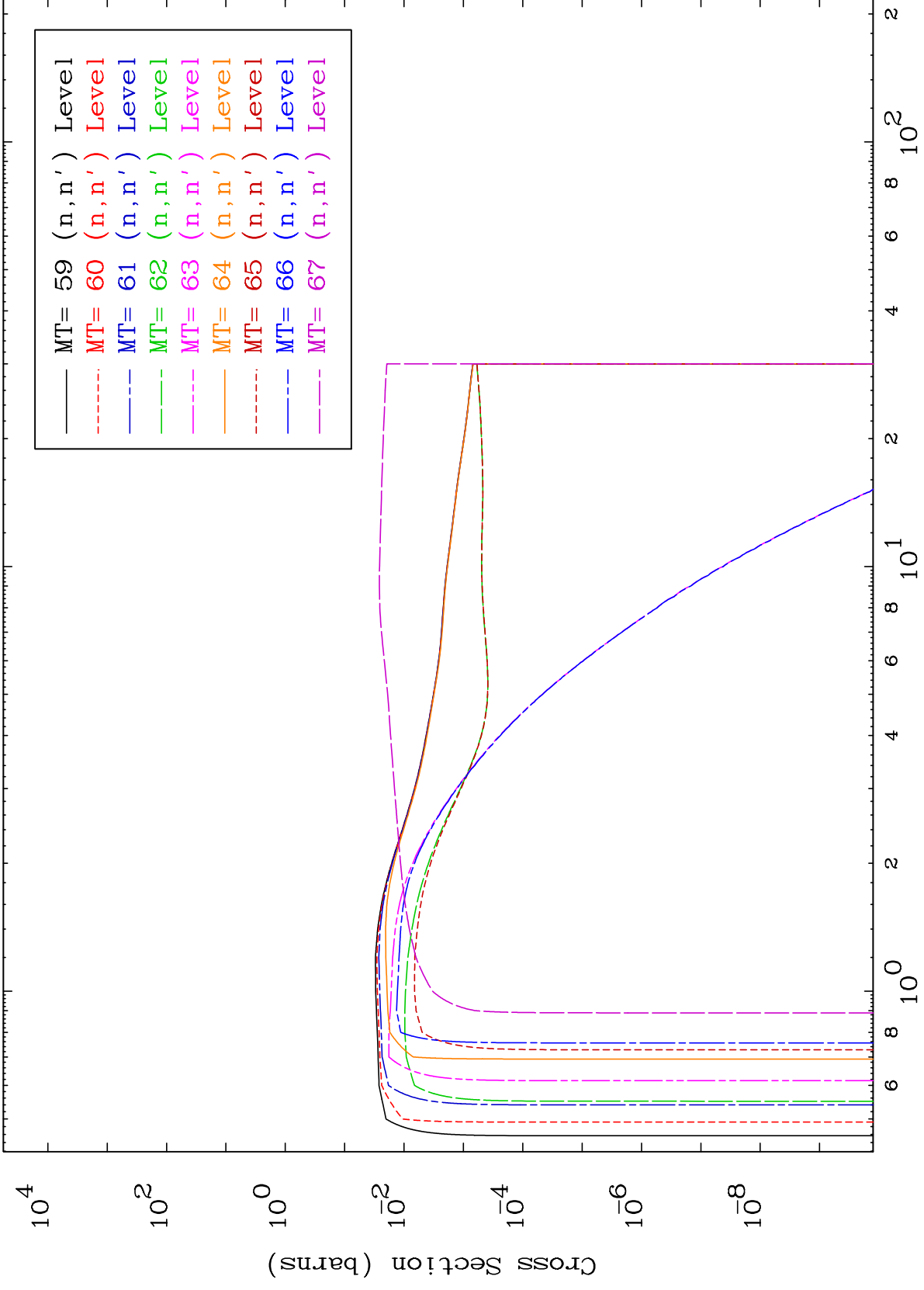
Particle Production
293 Kelvin Cross Sections

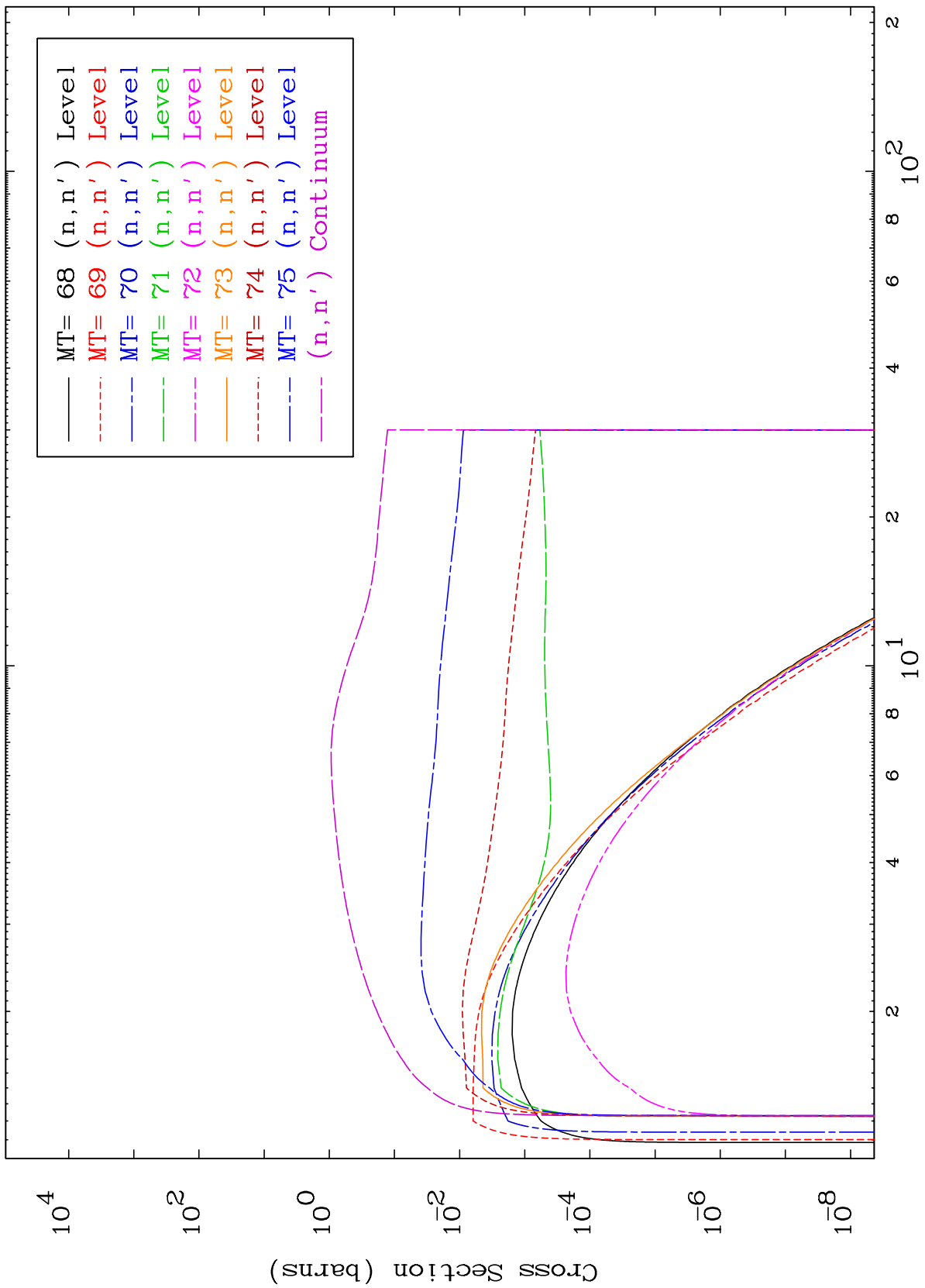
63-Eu-140





293 Kelvin Cross Sections

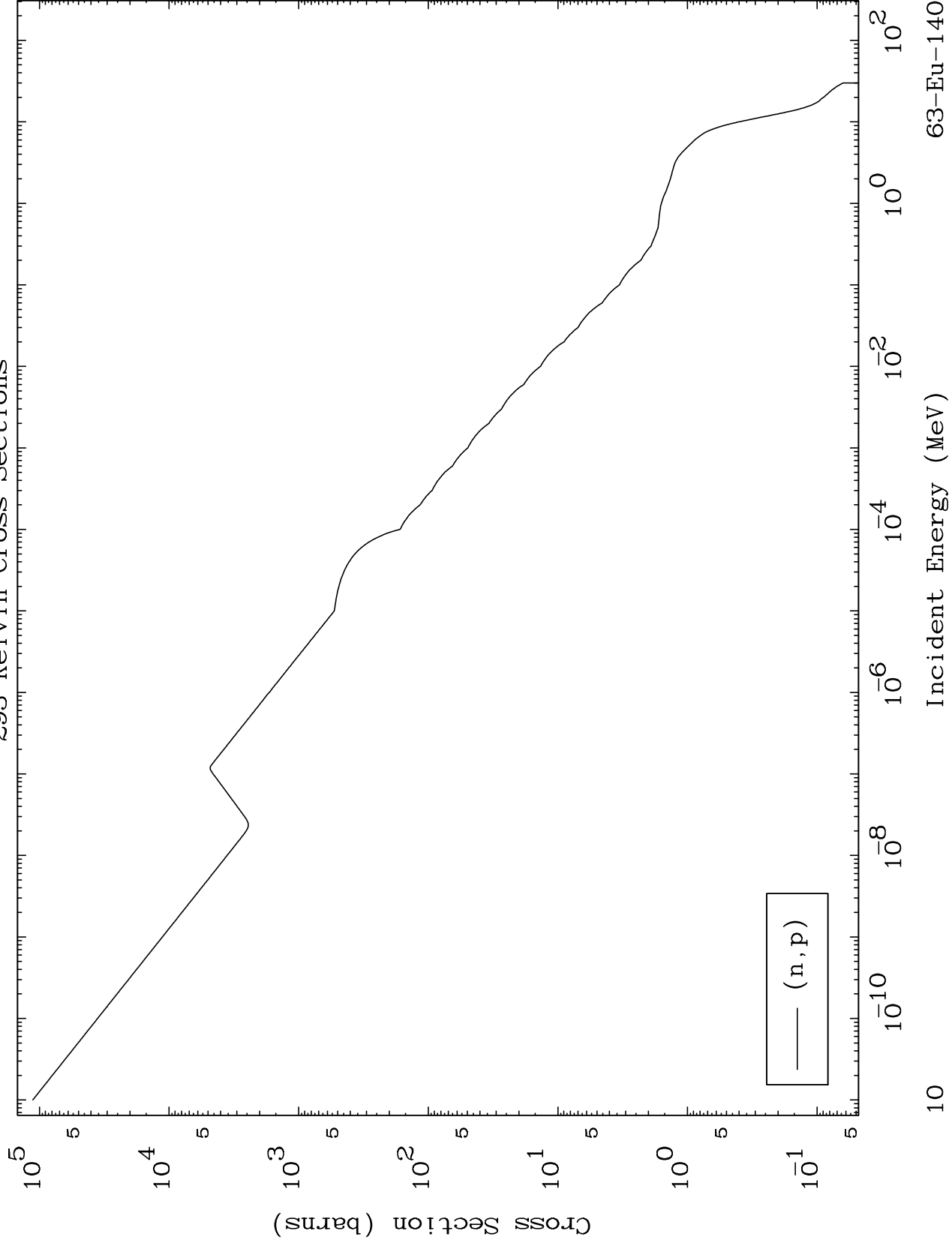




MAT 6292

(n,p) Levels
293 Kelvin Cross Sections

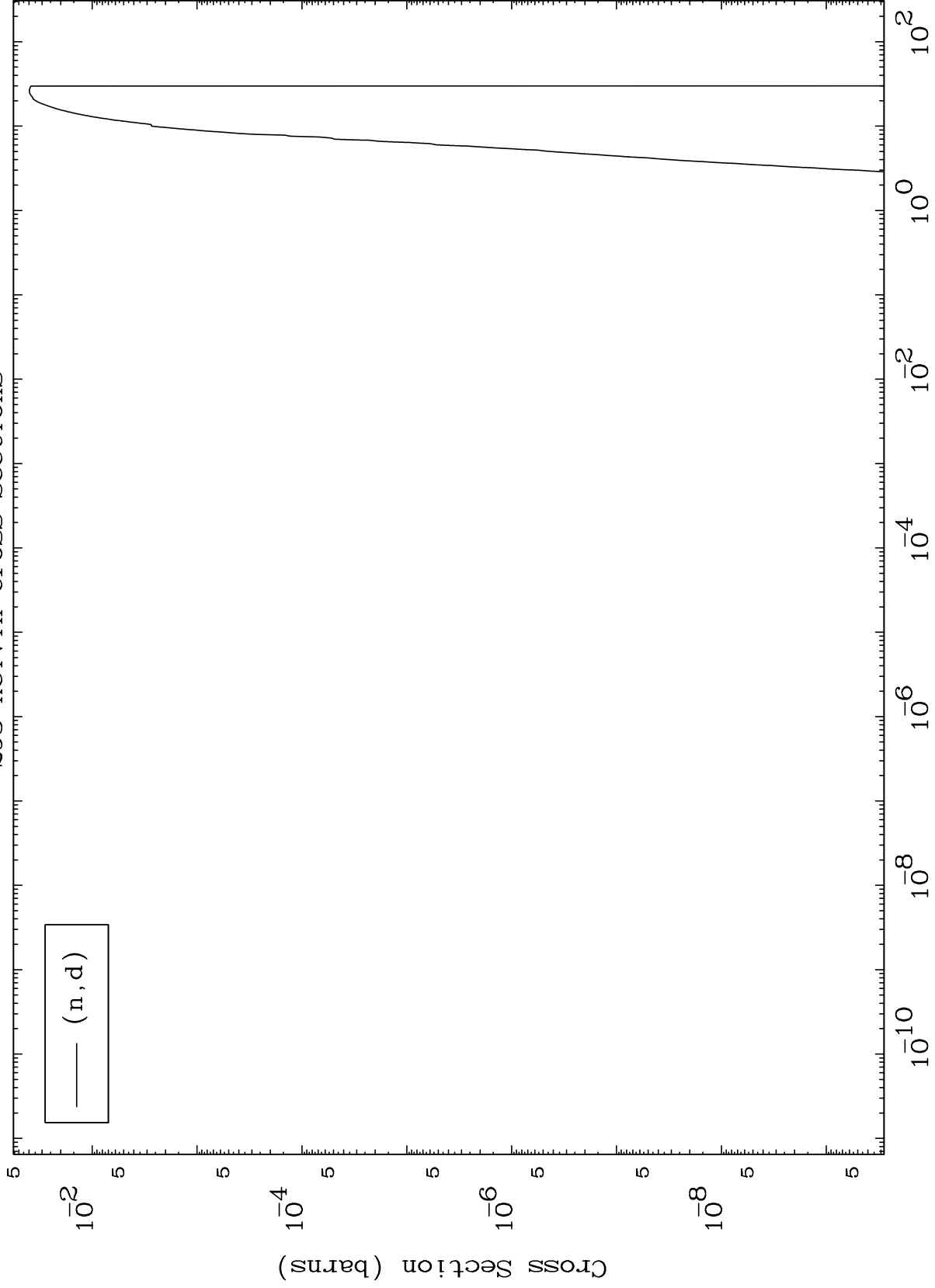
63-Eu-140



MAT 6292

(n,d) Levels
293 Kelvin Cross Sections

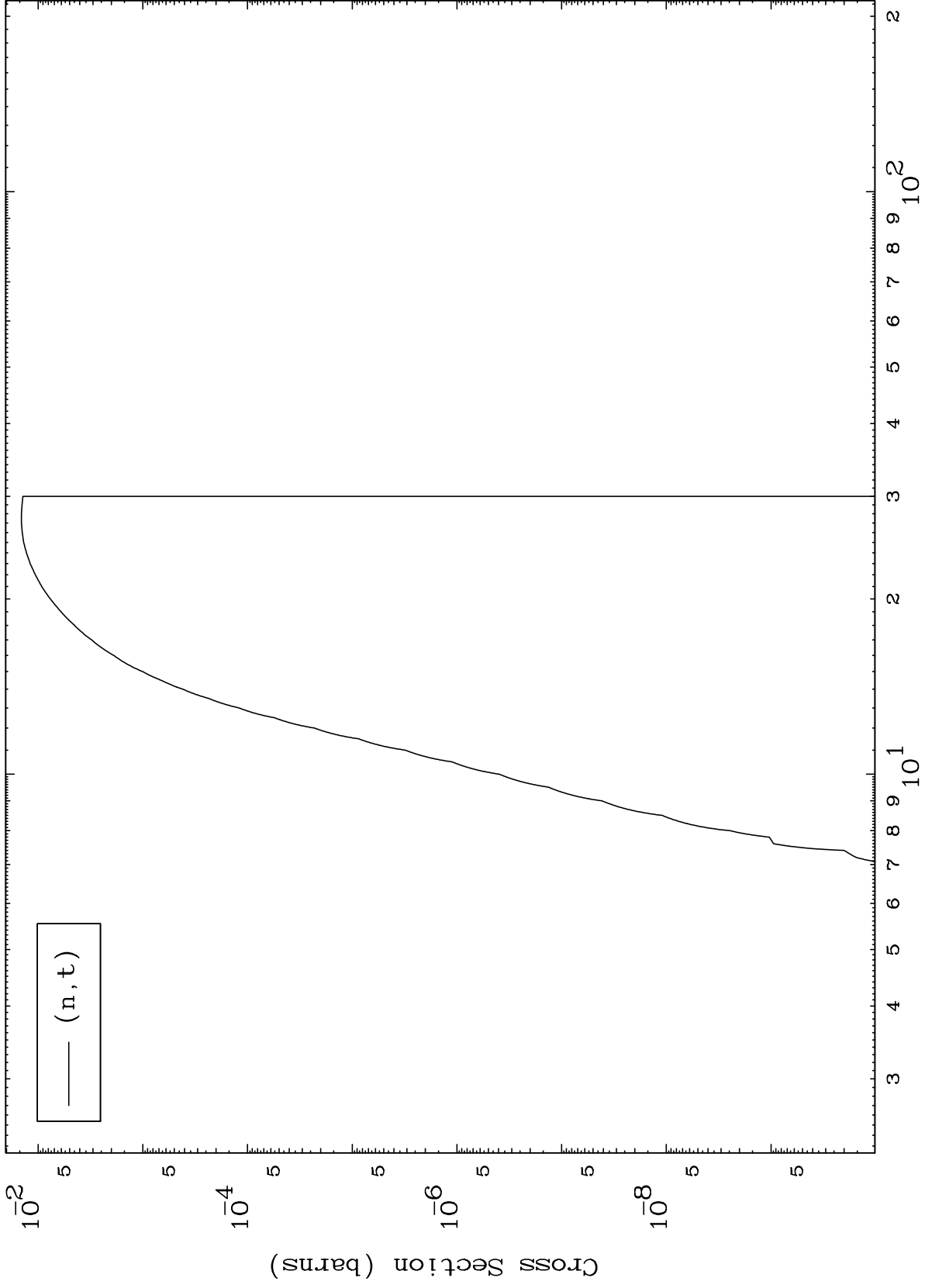
63-Eu-140



MAT 6292

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-140



12

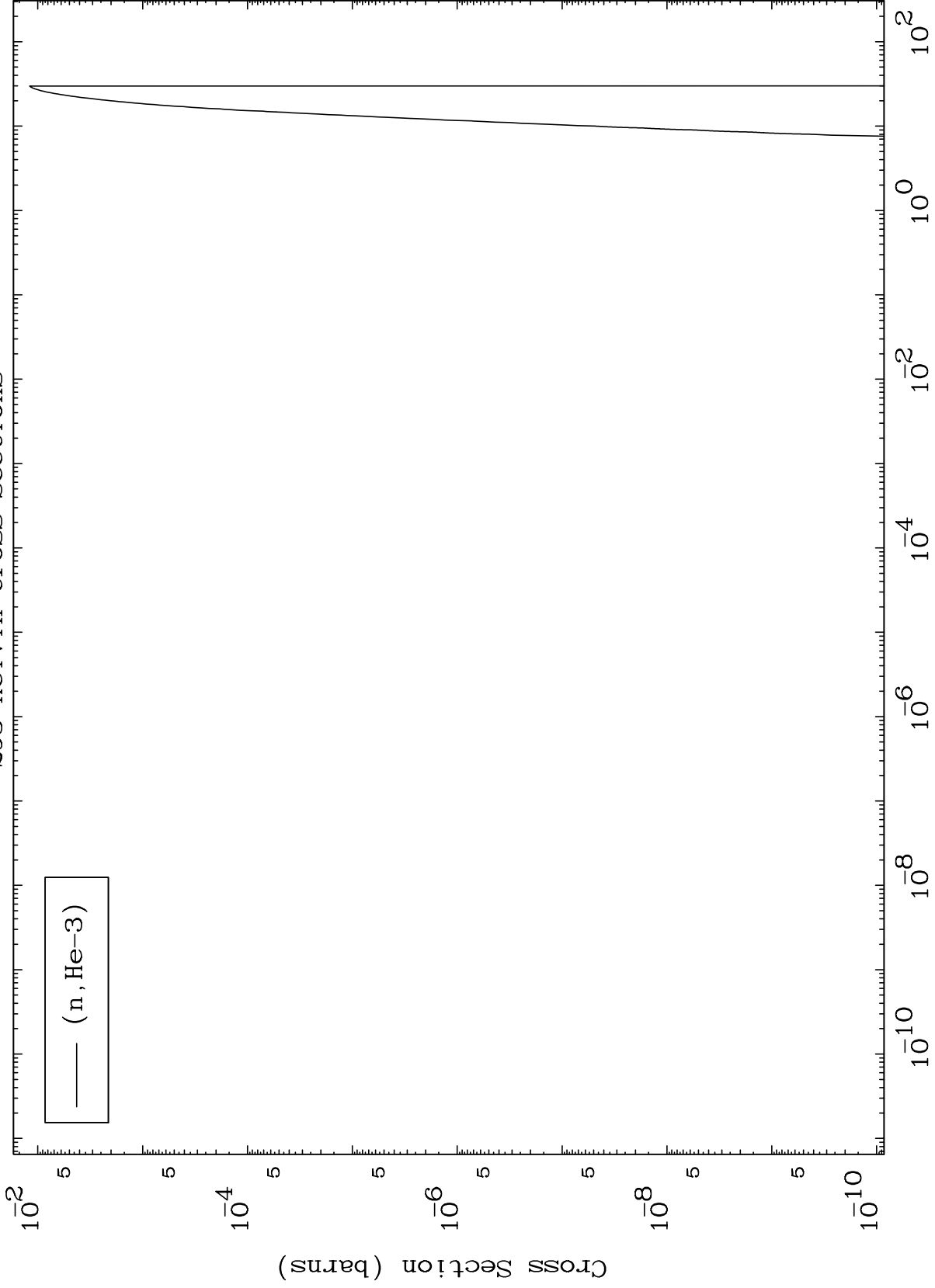
Incident Energy (MeV)

63-Eu-140

MAT 6292

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-140



13

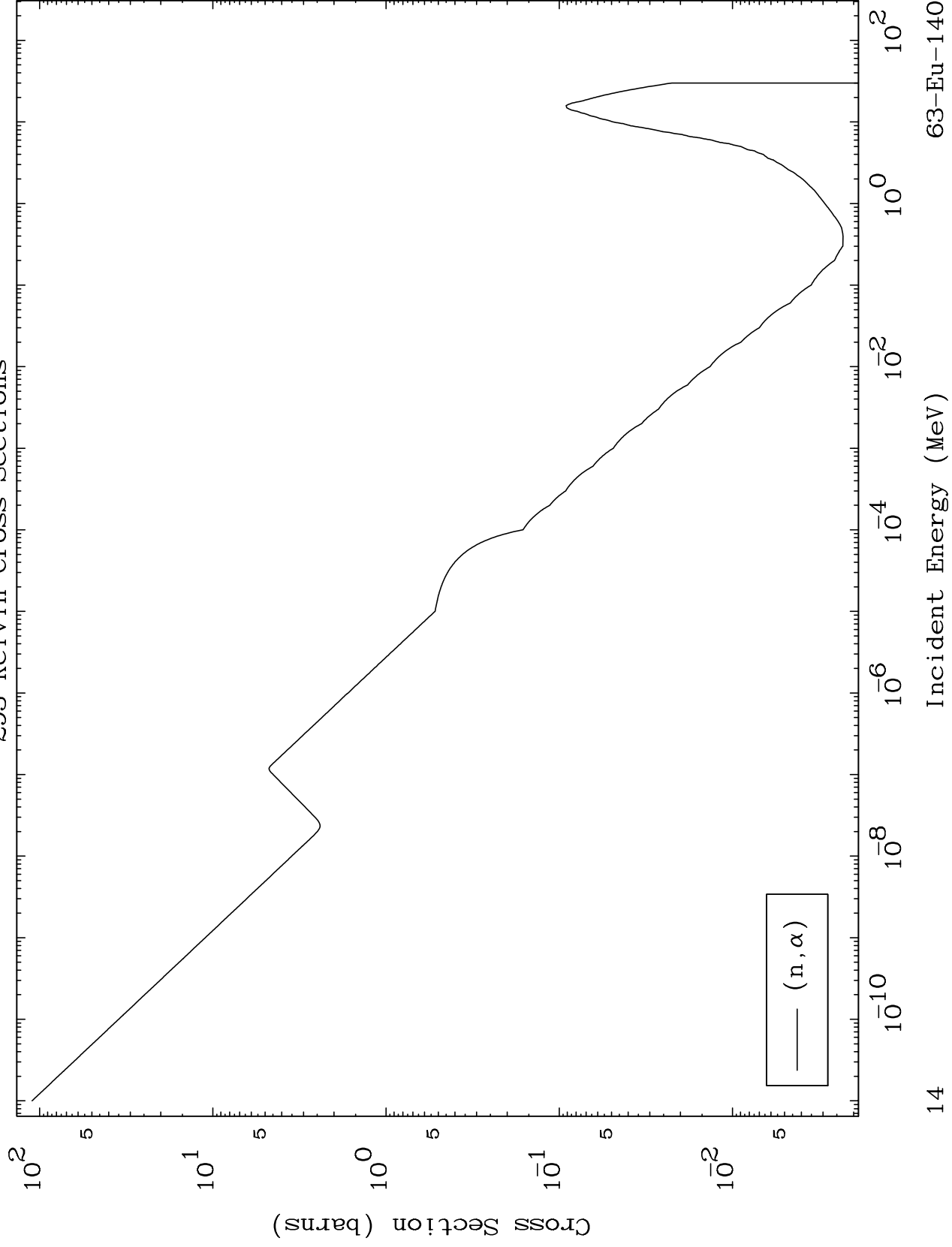
Incident Energy (MeV)

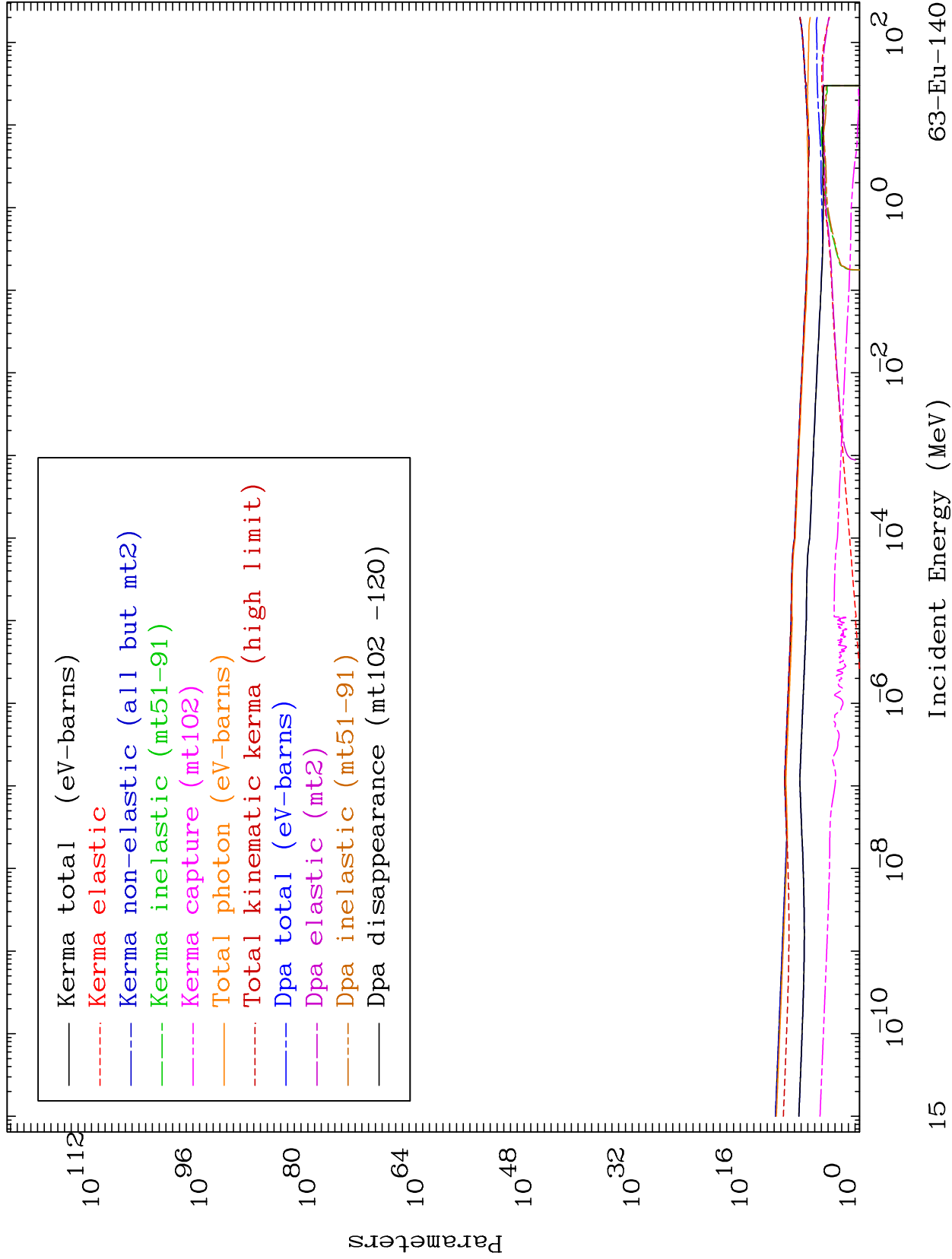
63-Eu-140

MAT 6292

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-140

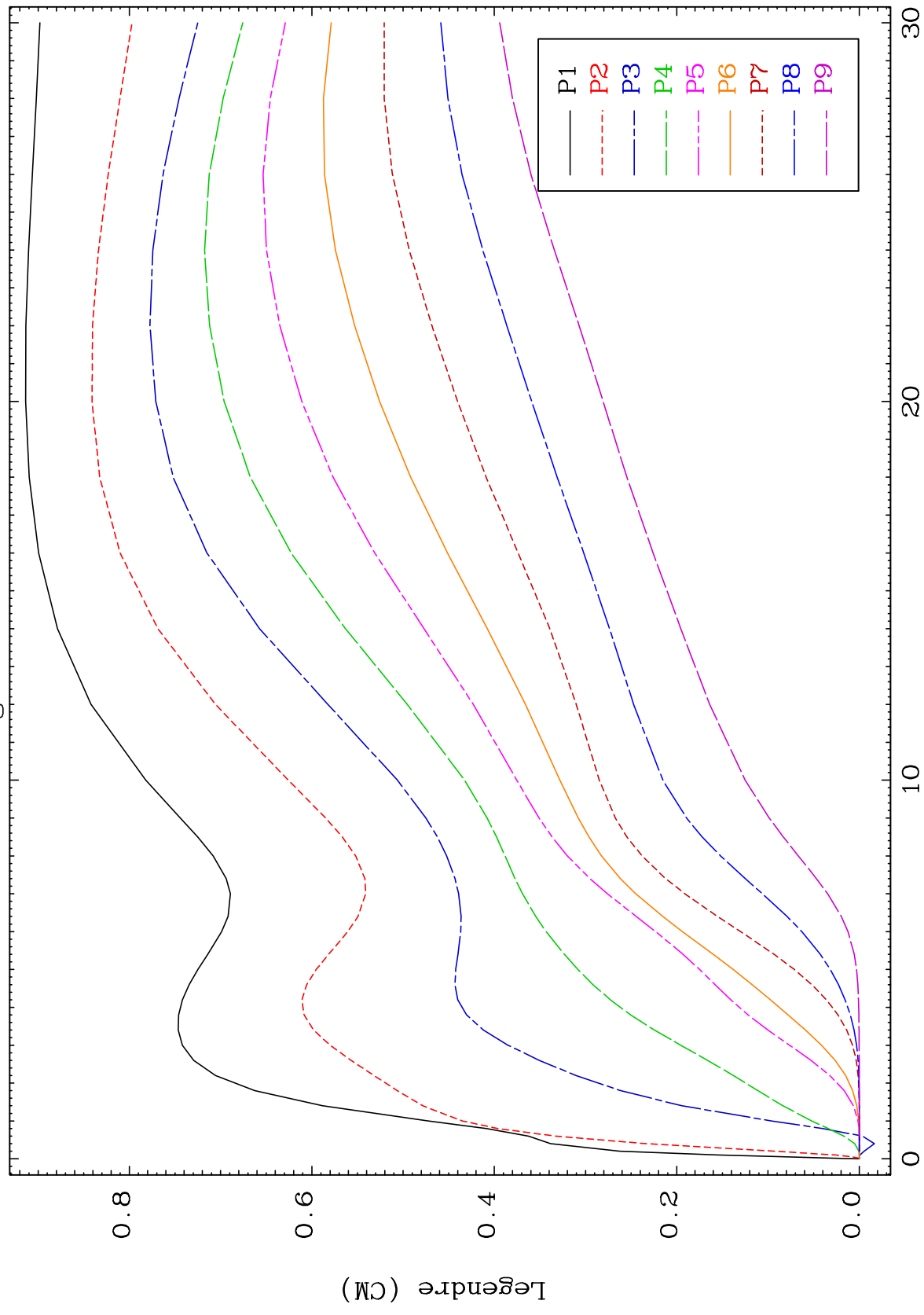




MAT 6292

Elastic Legendre Coefficients

63-Eu-140



16

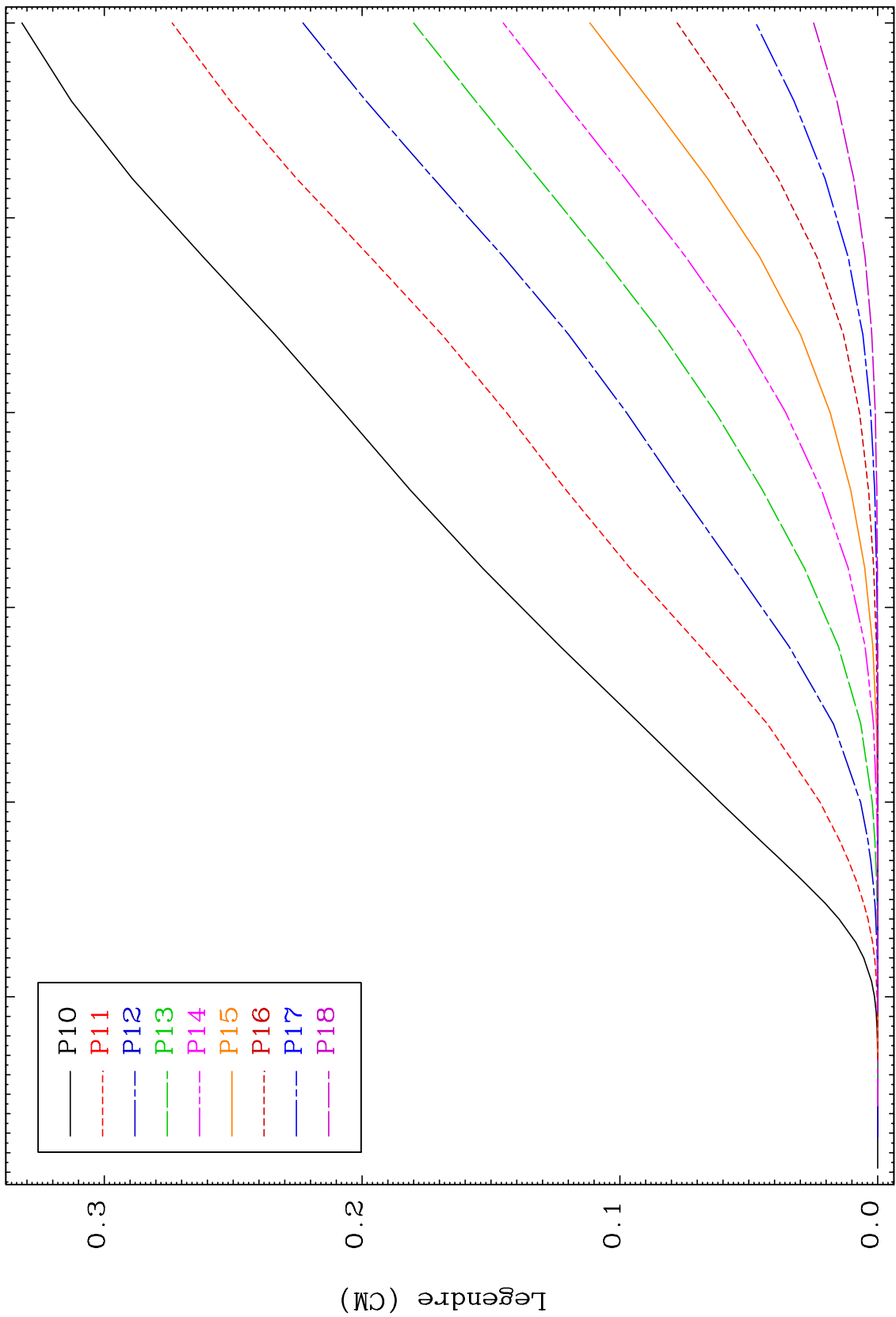
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



17

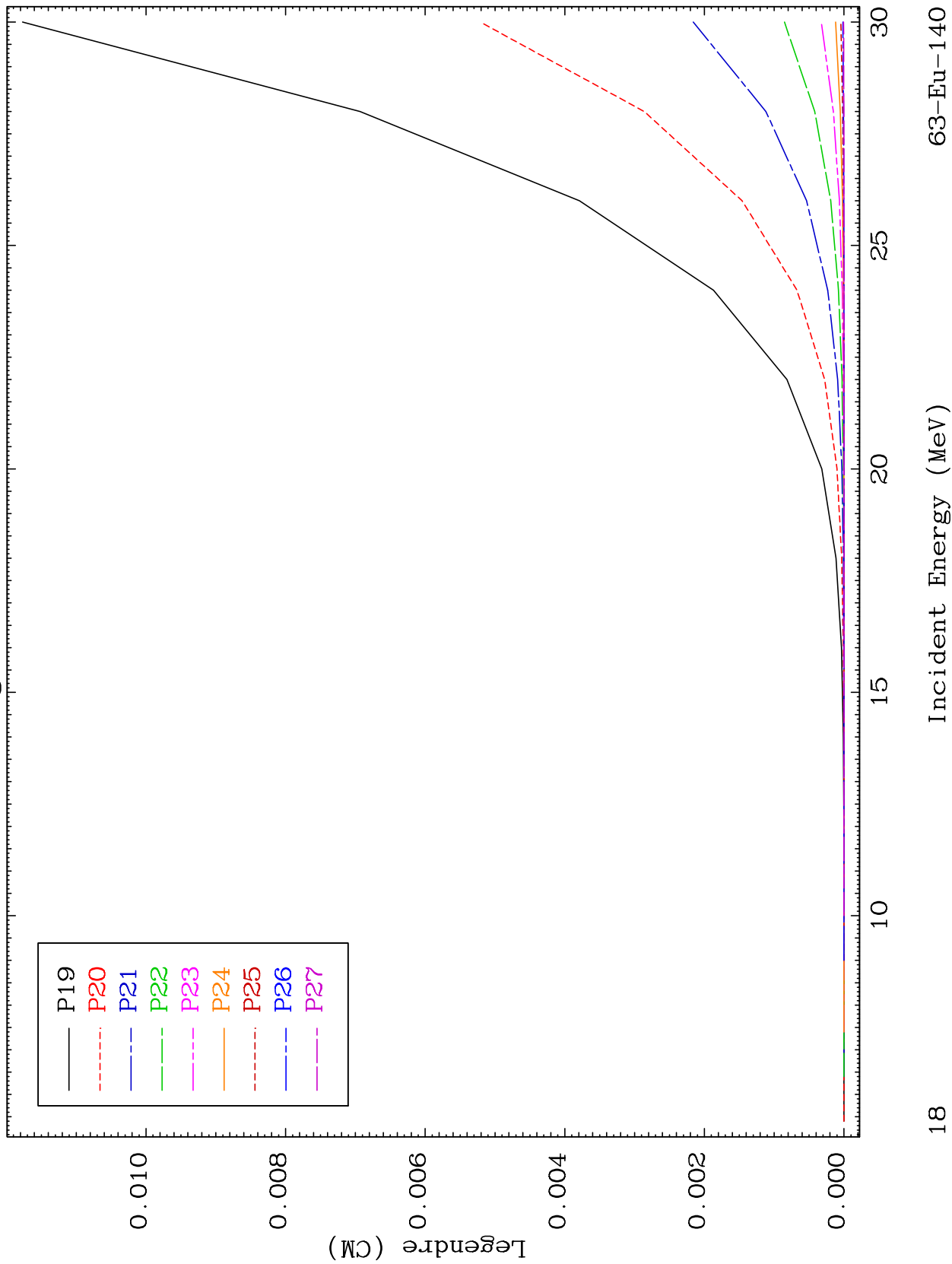
Incident Energy (MeV)

63-Eu-140

MAT 6292

Elastic Legendre Coefficients

63-Eu-140



18

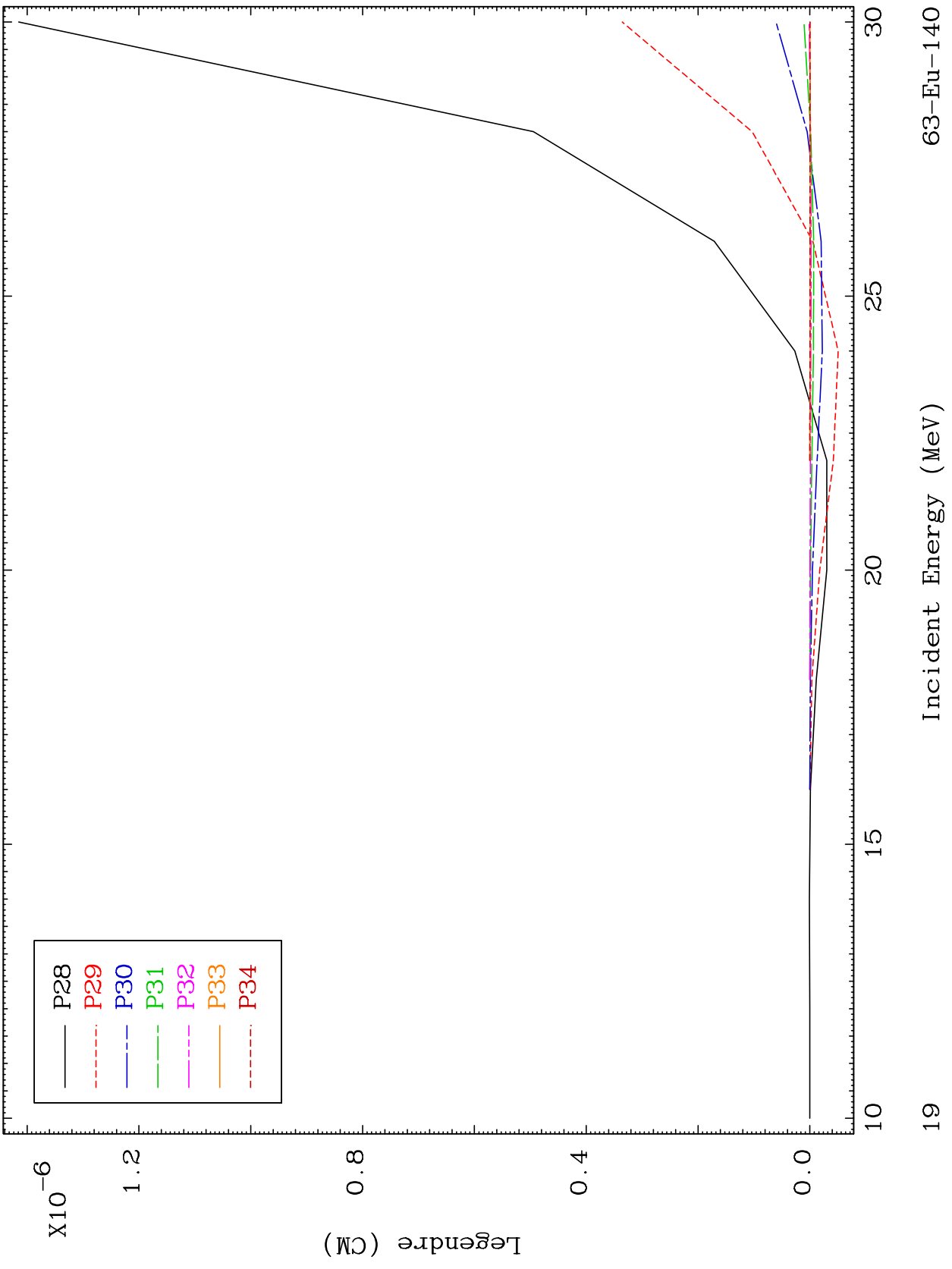
63-Eu-140

Incident Energy (MeV)

MAT 6292

Elastic Legendre Coefficients

⁶³-Eu-140



19

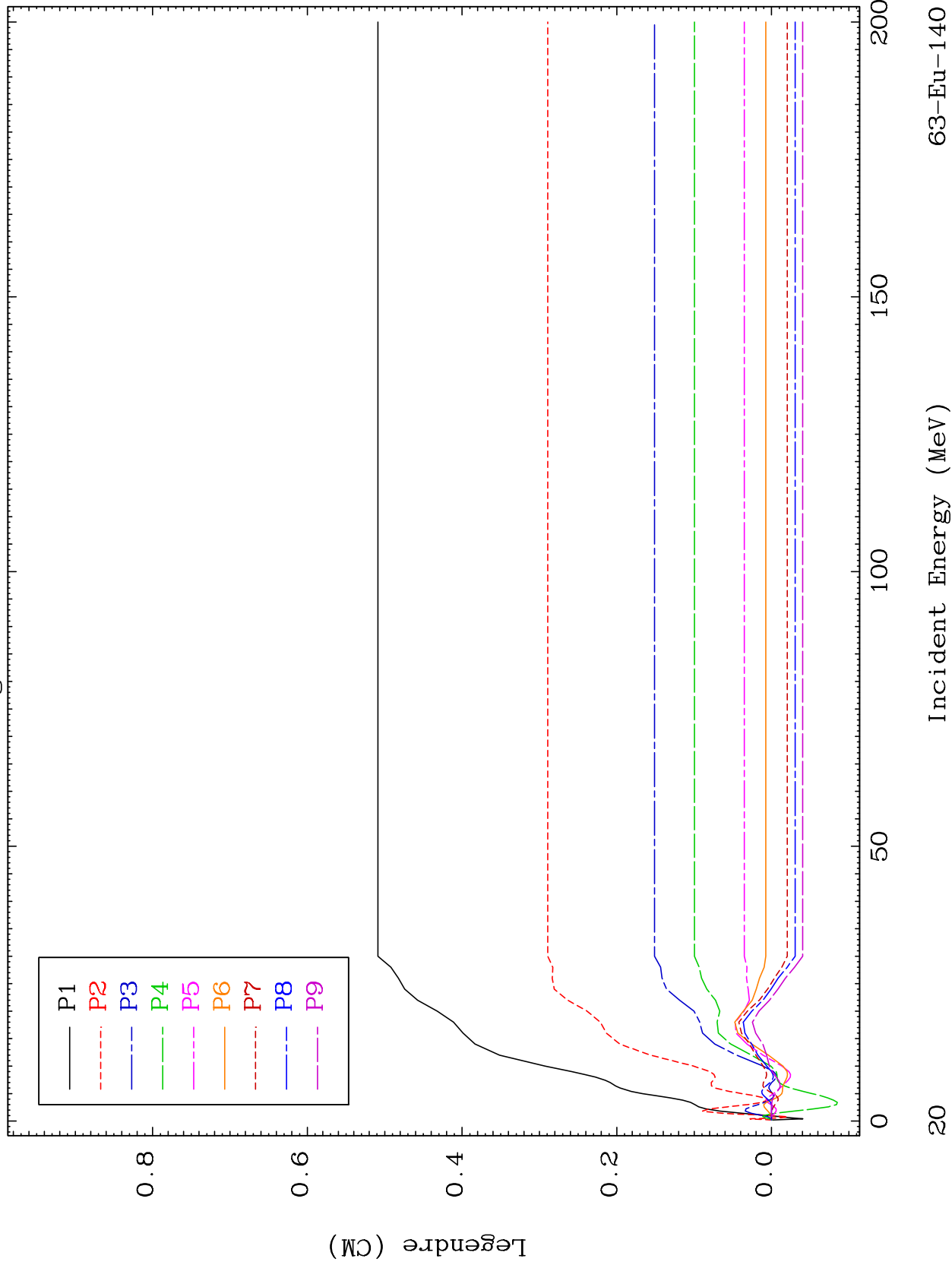
Incident Energy (MeV)

⁶³-Eu-140

MAT 6292

MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-140

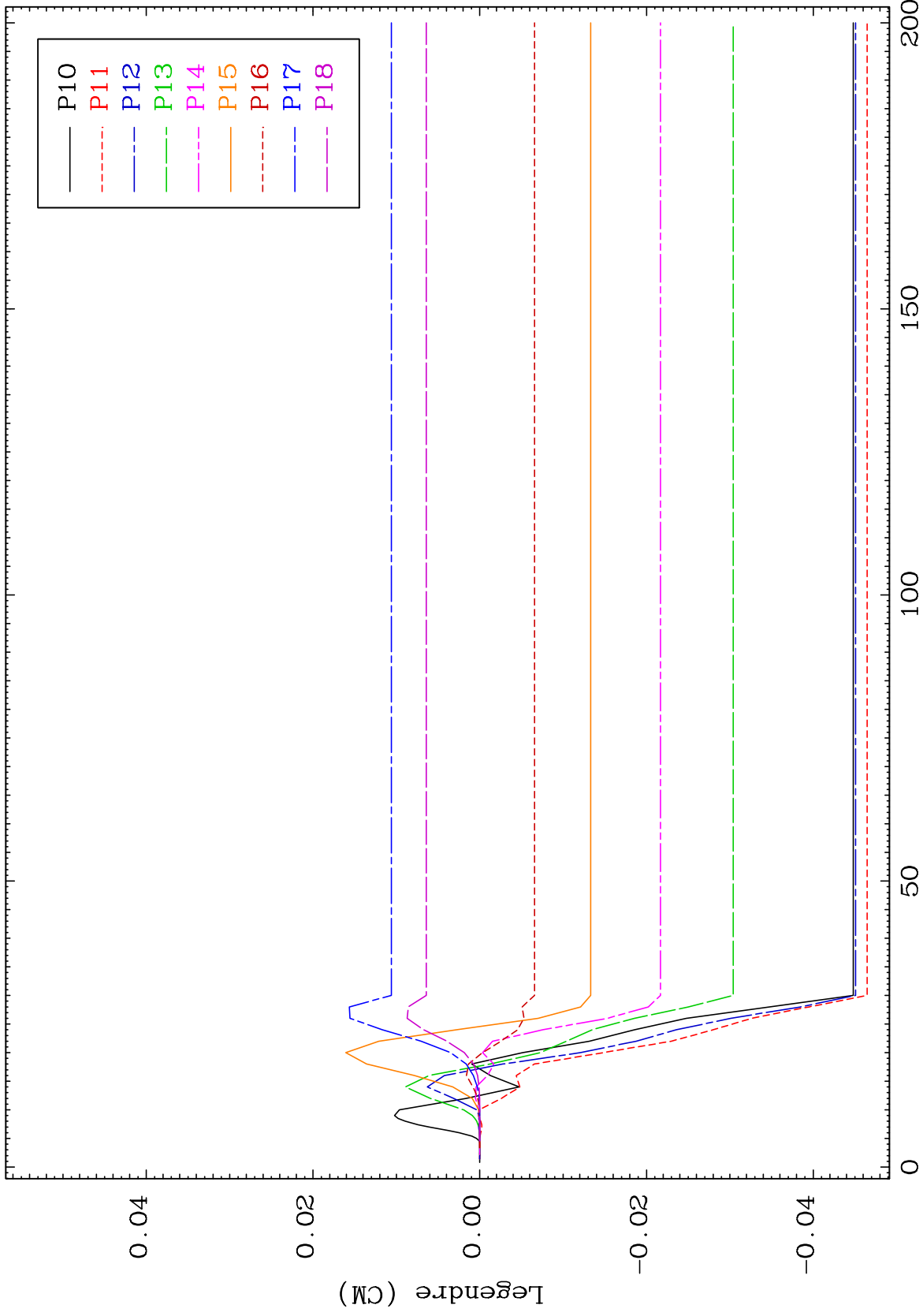


63-Eu-140

MAT 6292

MT= 51 (n,n') Level
Legendre Coefficients

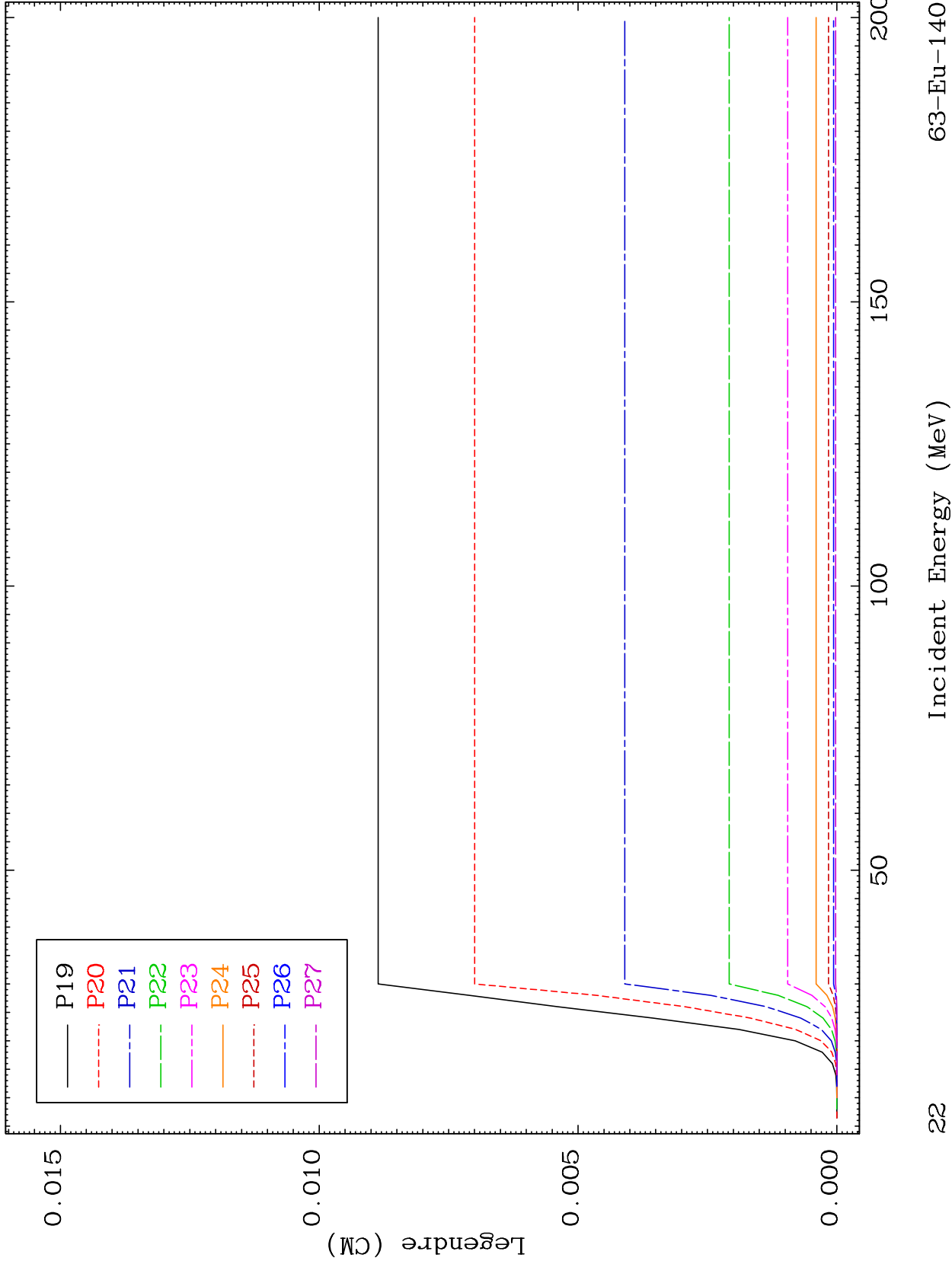
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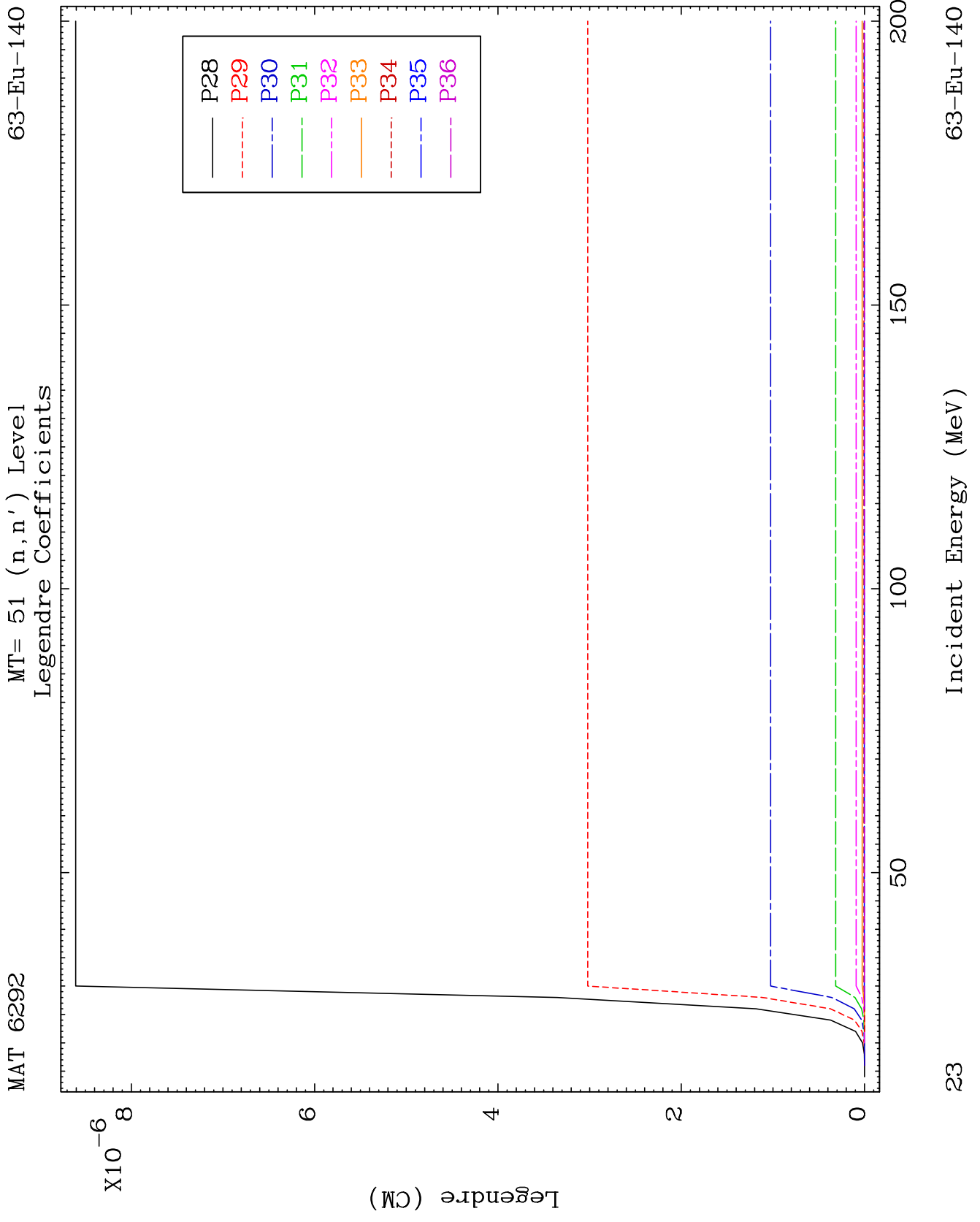


21

Incident Energy (MeV)

63-Eu-140

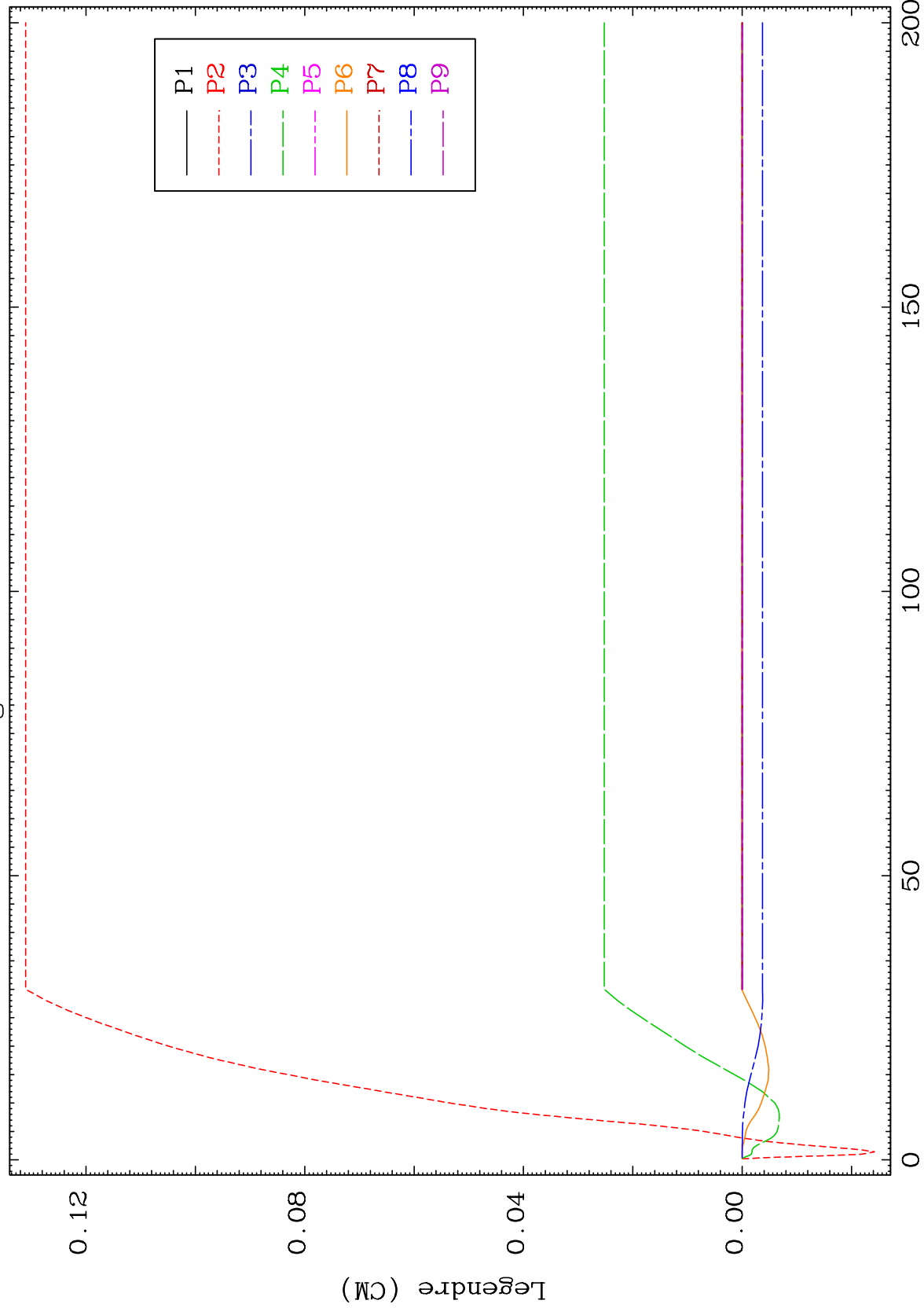




MAT 6292

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-140



24

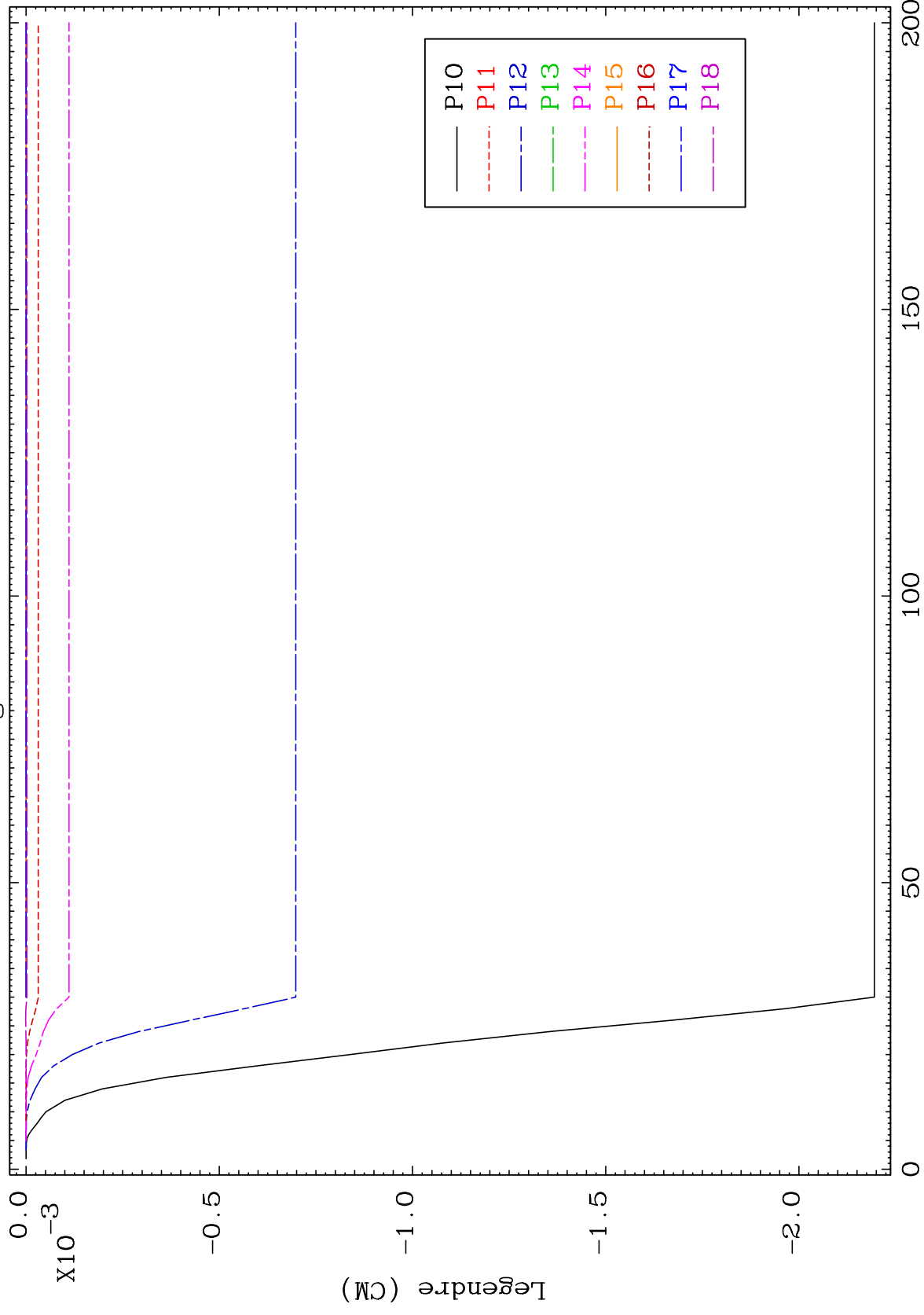
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 52 (n,n') Level
Legendre Coefficients

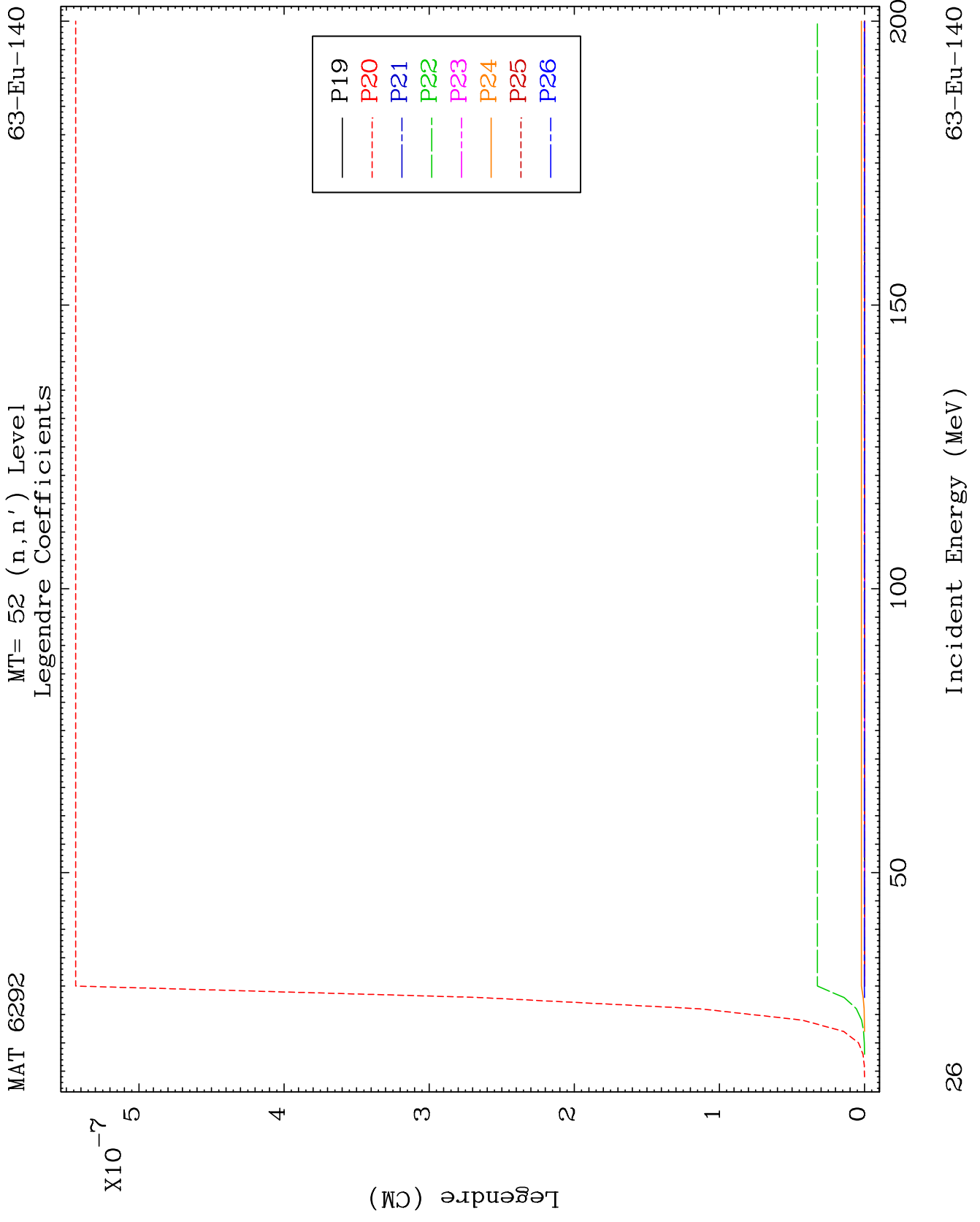
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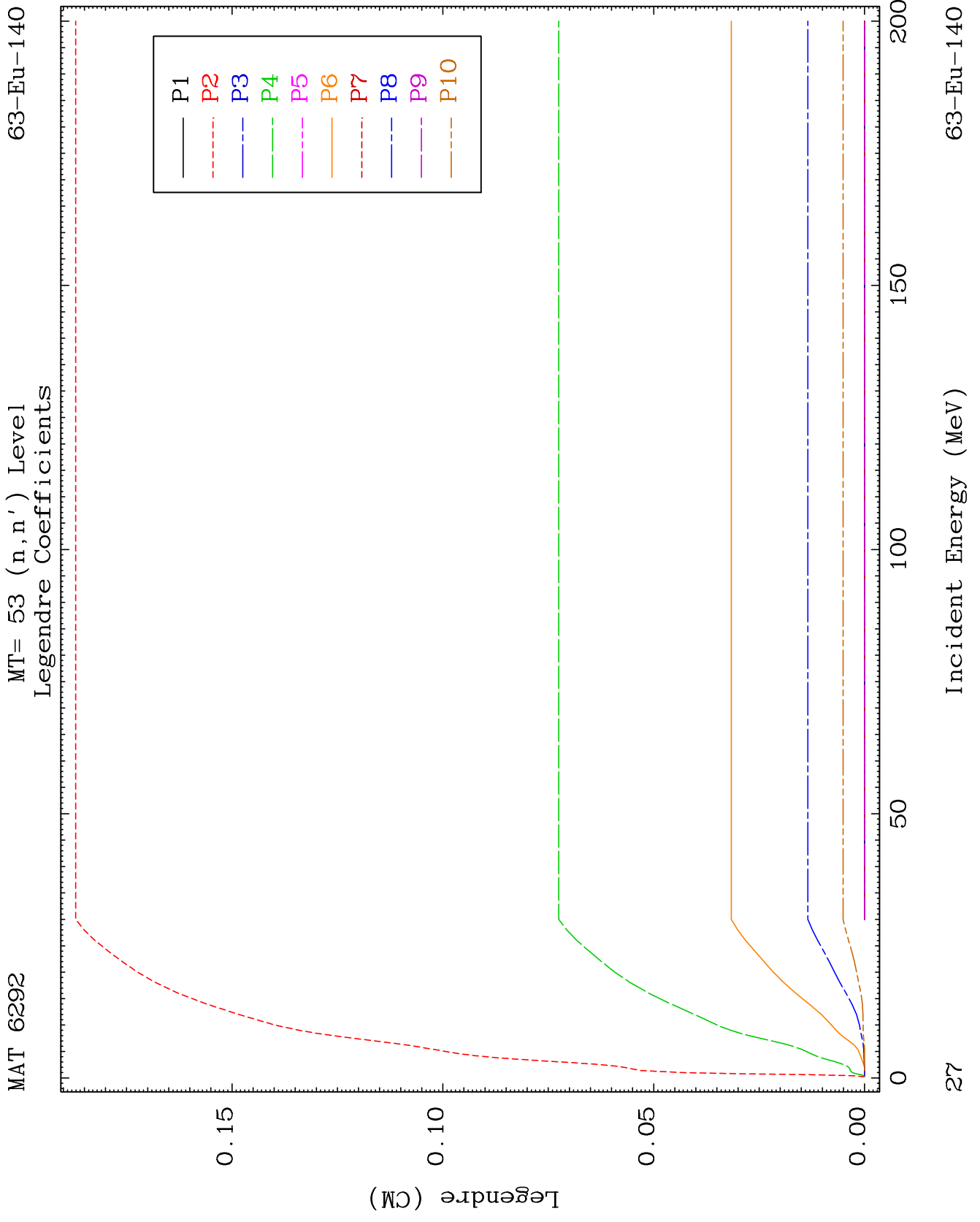


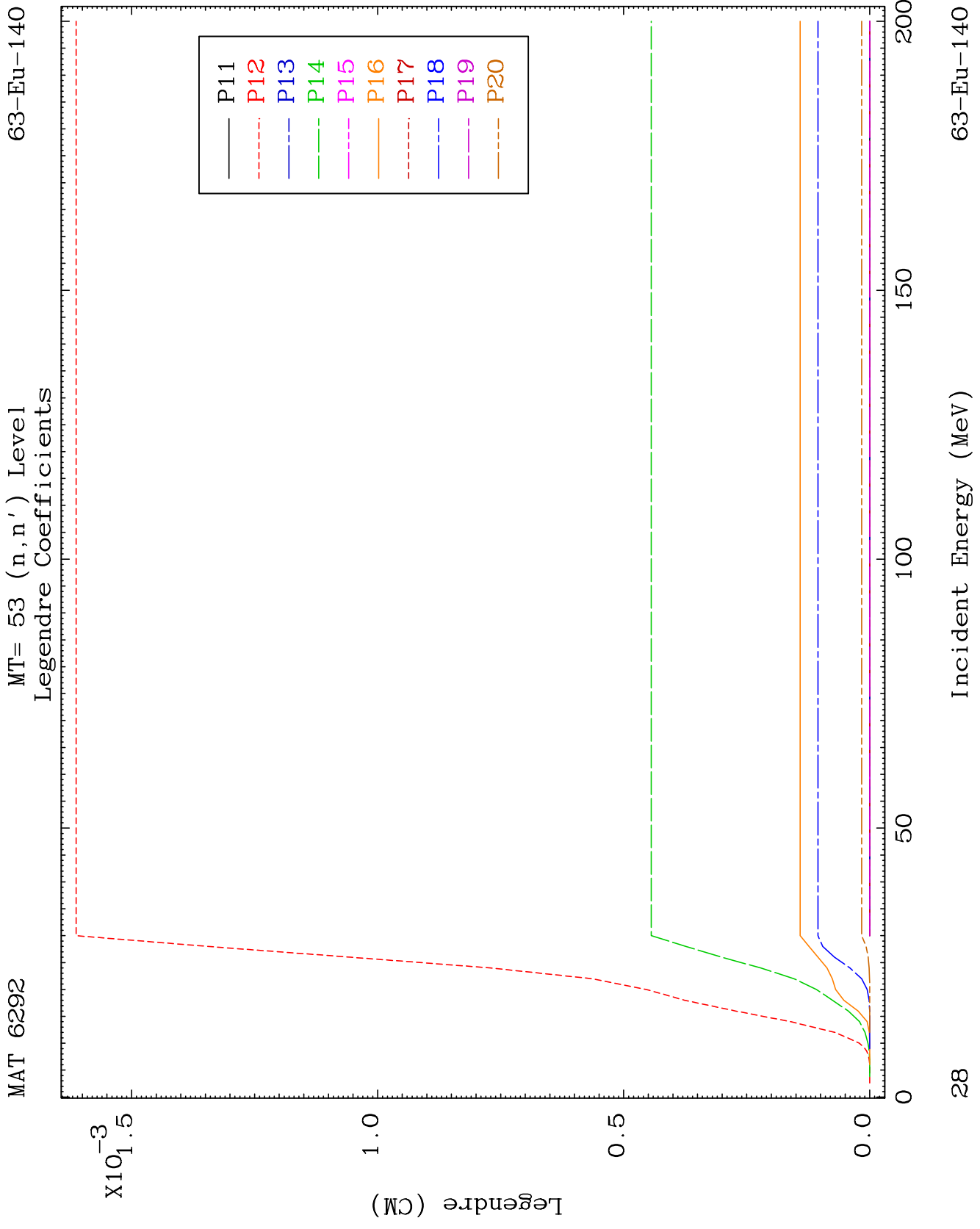
25

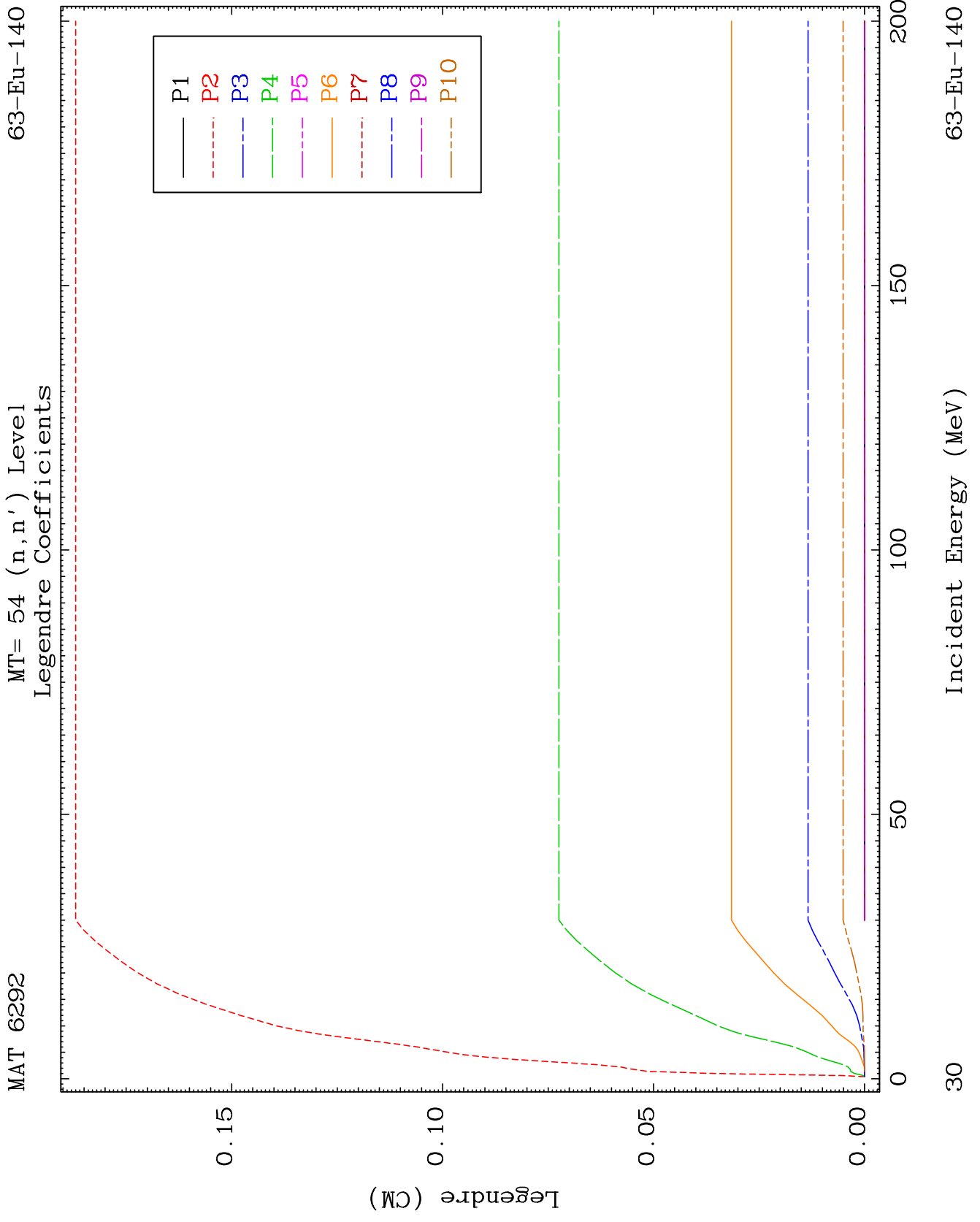
Incident Energy (MeV)

63-Eu-140





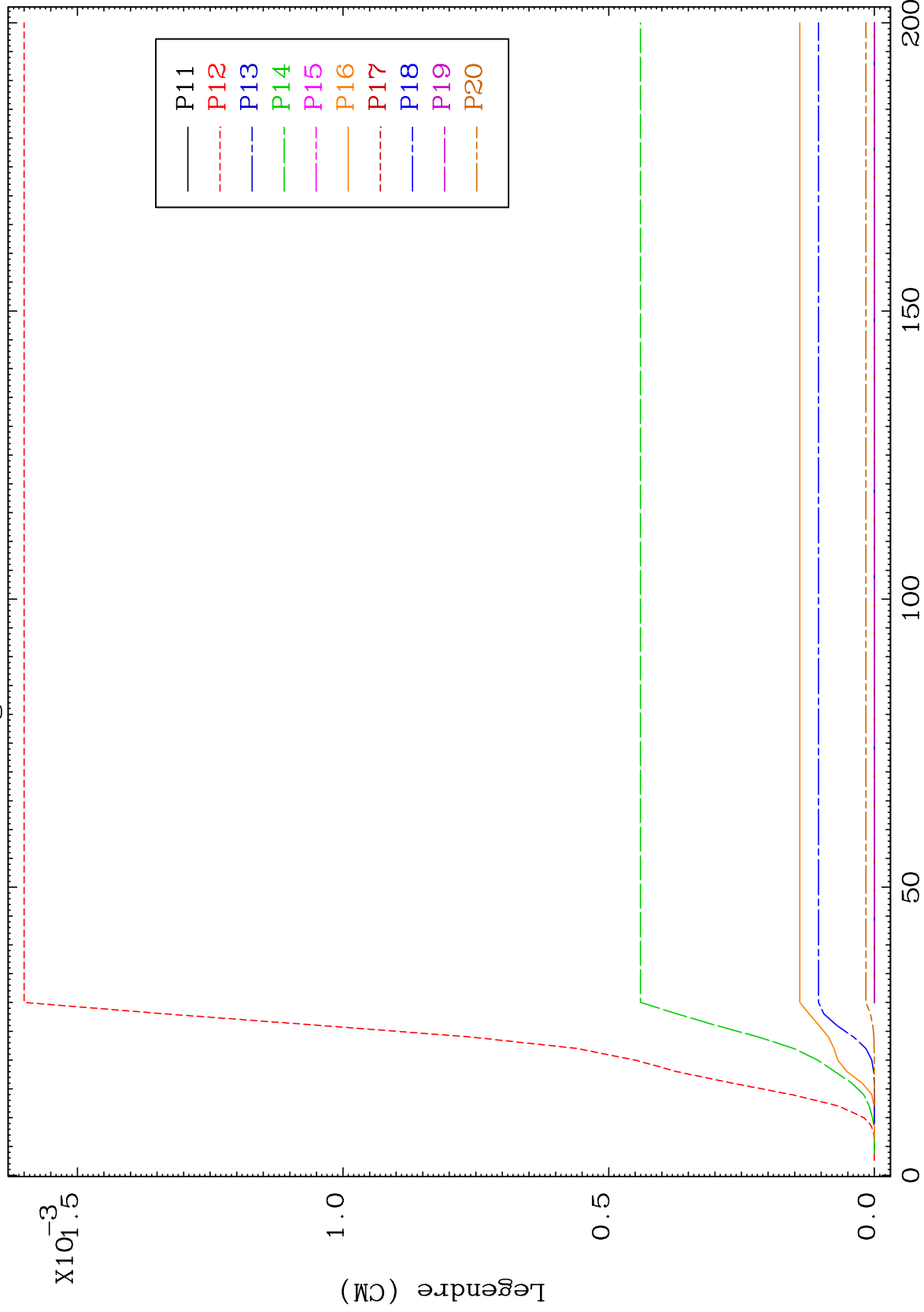




MAT 6292

MT= 54 (n,n') Level
Legendre Coefficients

63-Eu-140



31

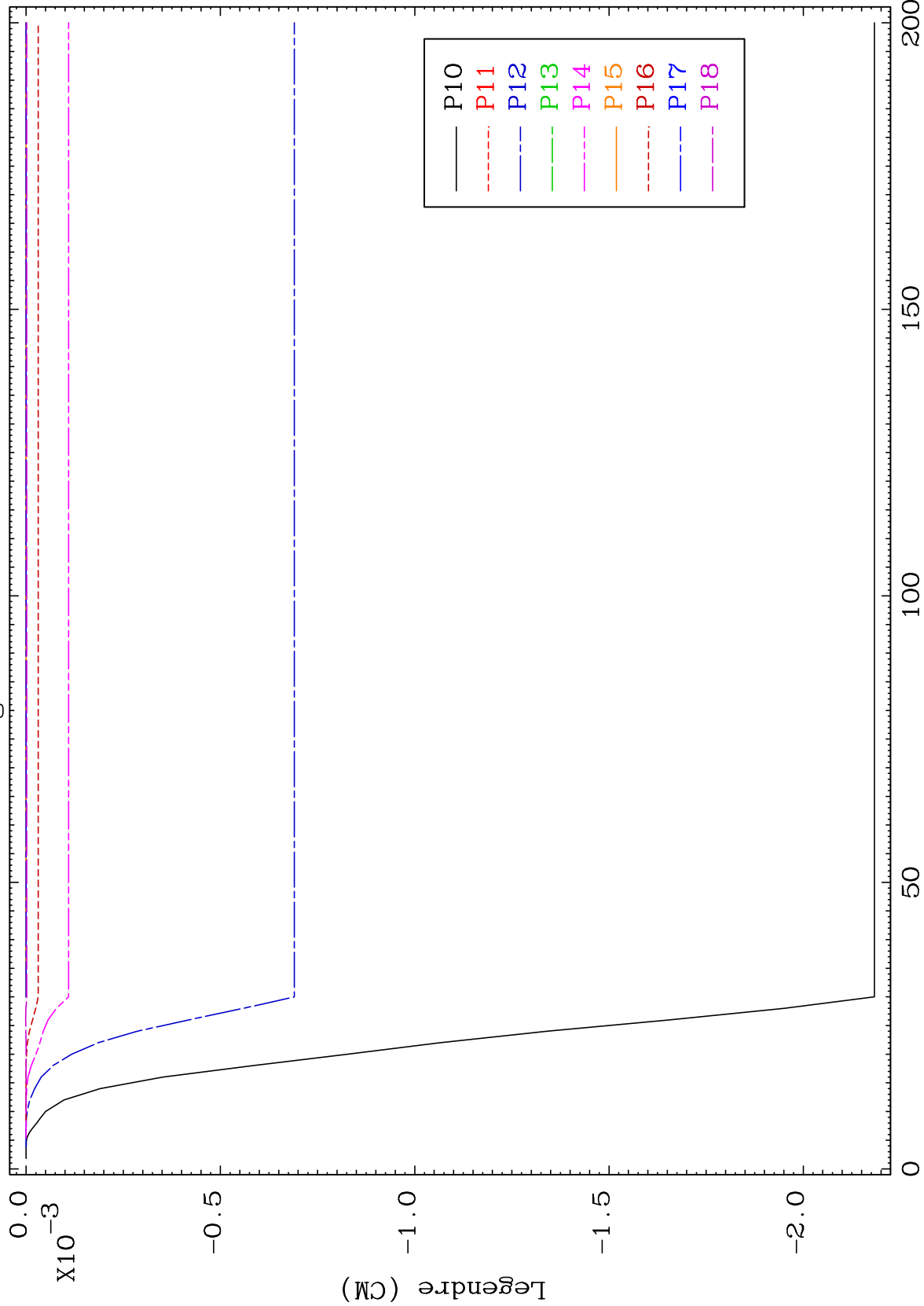
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 55 (n,n') Level
Legendre Coefficients

63-Eu-140



34

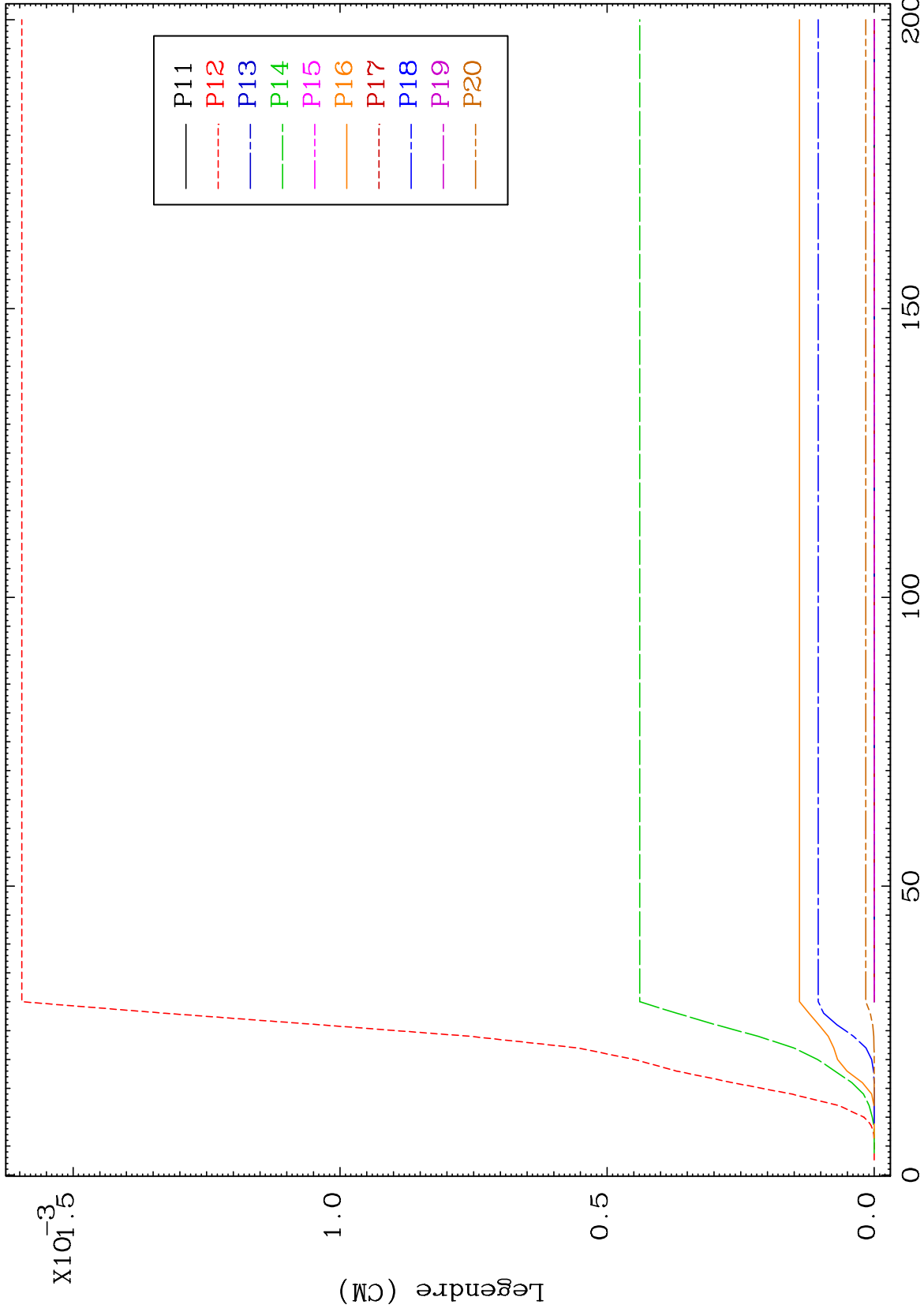
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 56 (n,n') Level
Legendre Coefficients

63-Eu-140



37

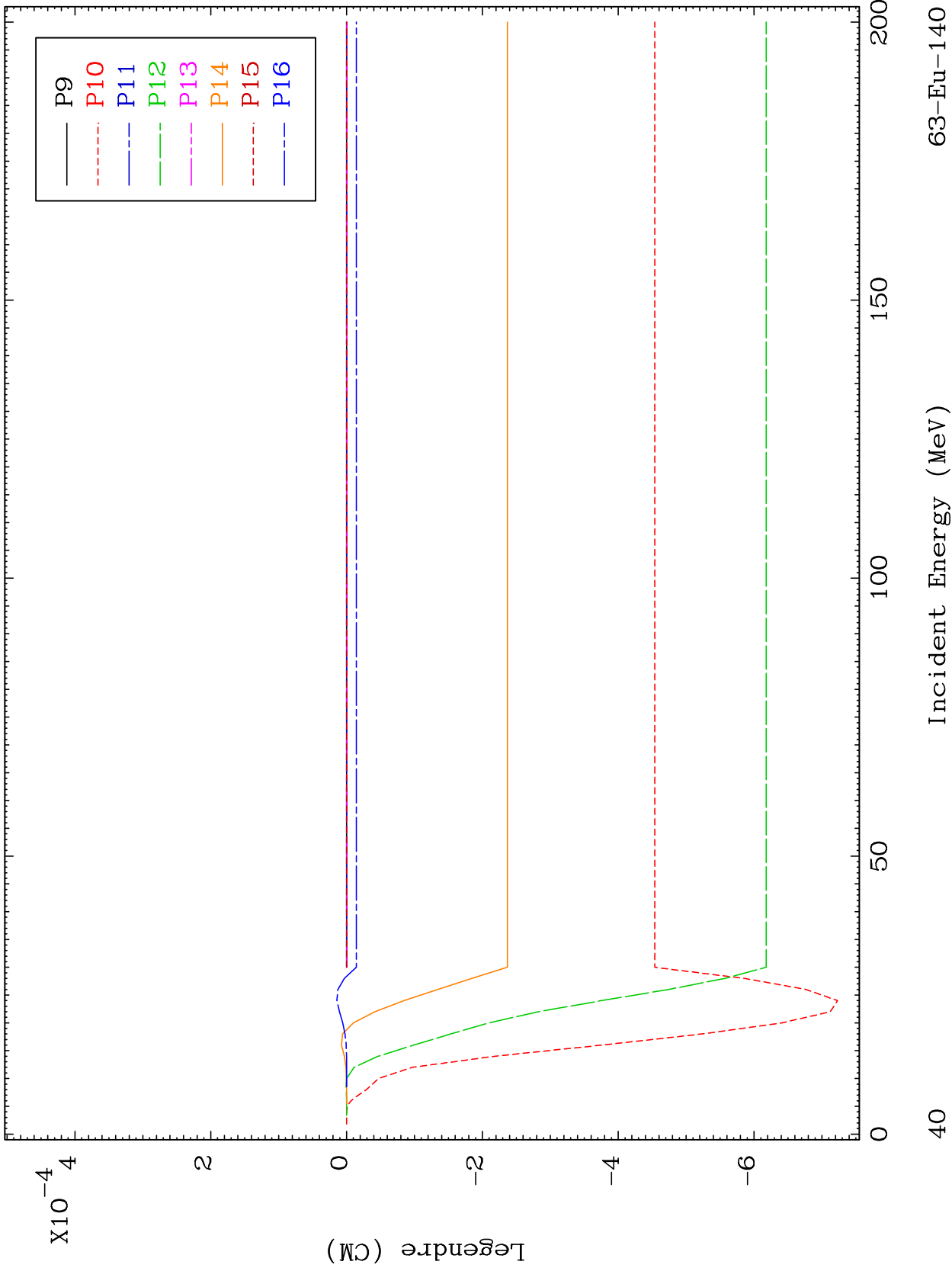
Incident Energy (MeV)

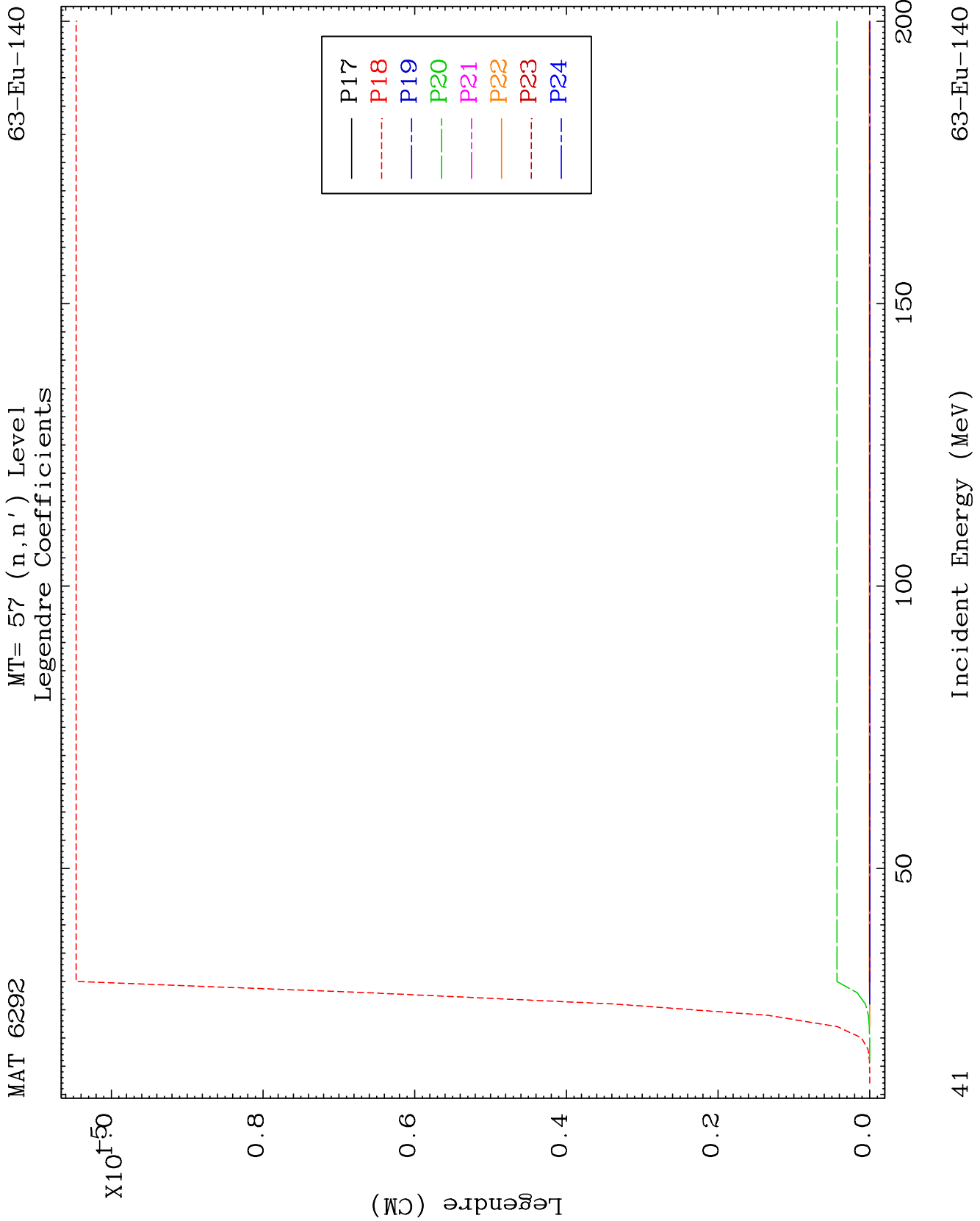
63-Eu-140

MAT 6292

MT= 57 (n,n') Level
Legendre Coefficients

63-Eu-140

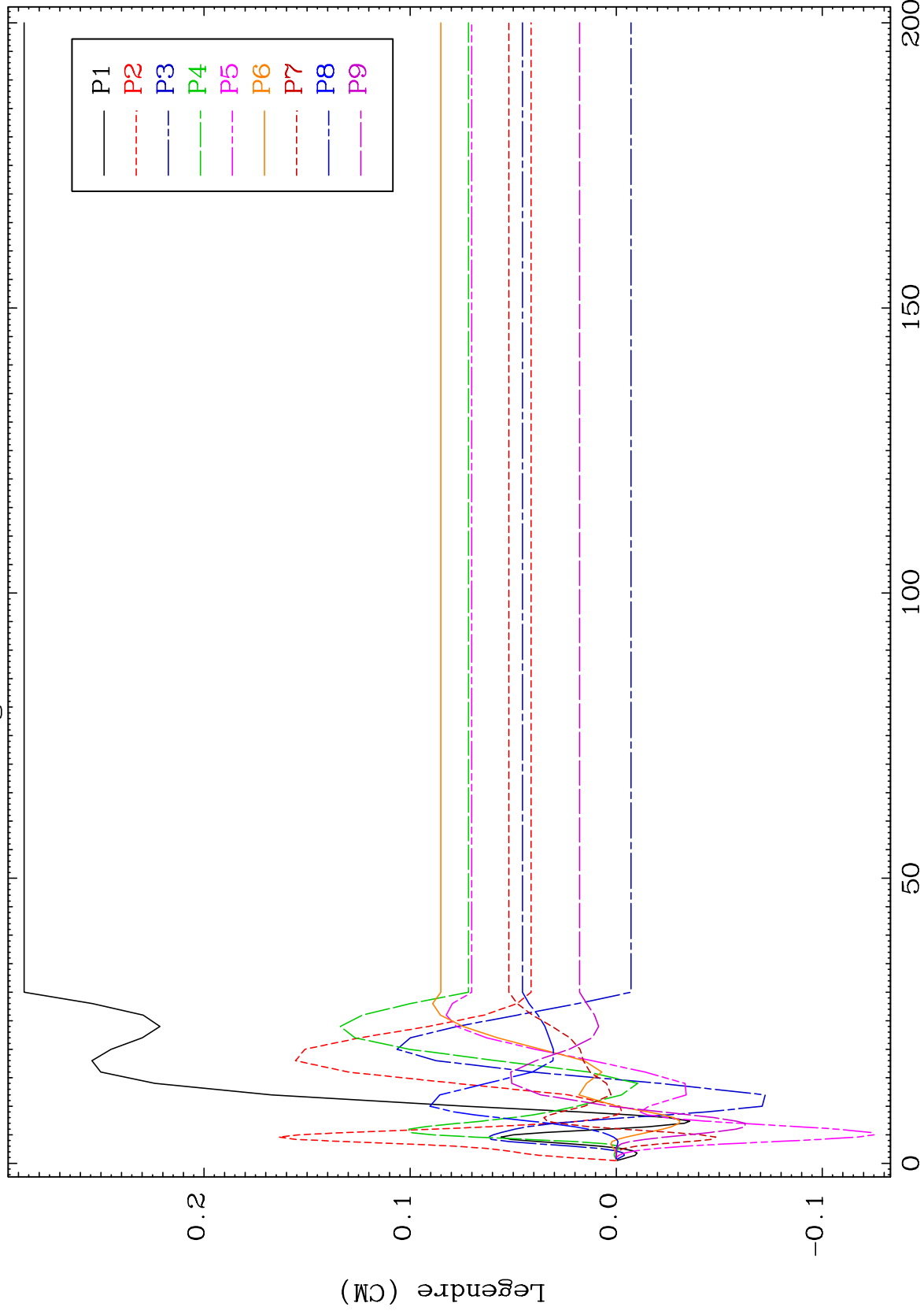




MAT 6292

MT= 58 (n,n') Level
Legendre Coefficients

63-Eu-140



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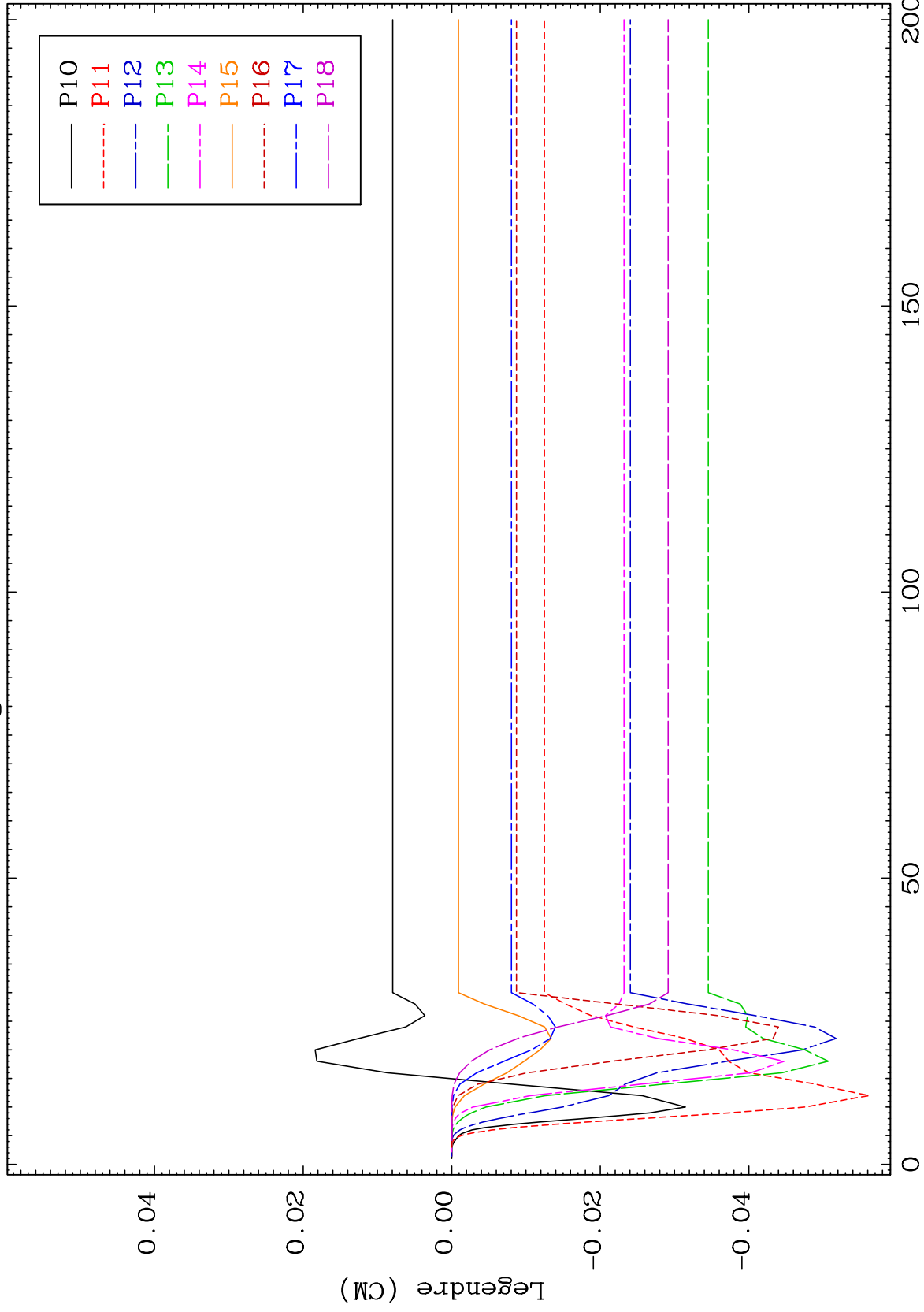
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 58 (n,n') Level
Legendre Coefficients

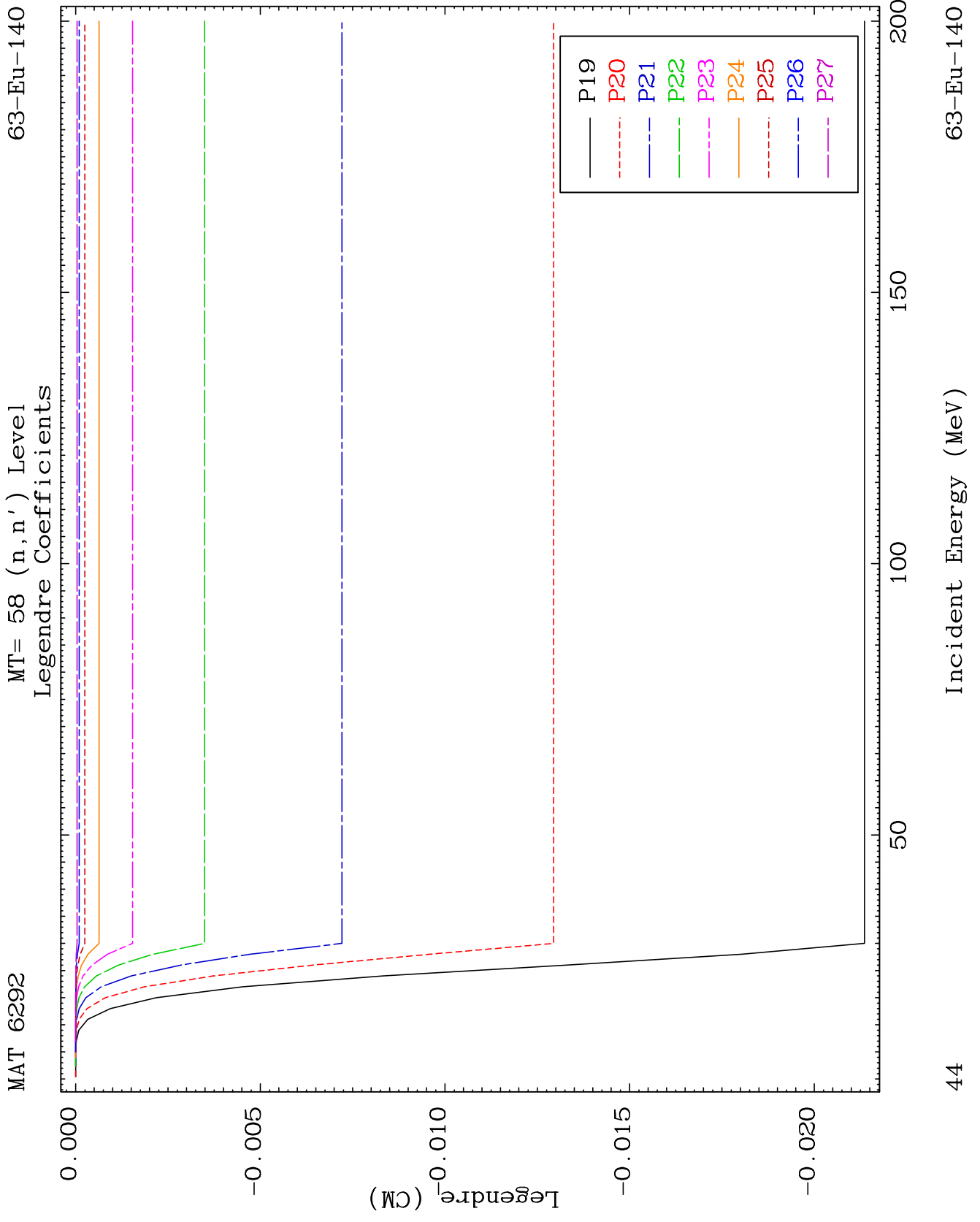
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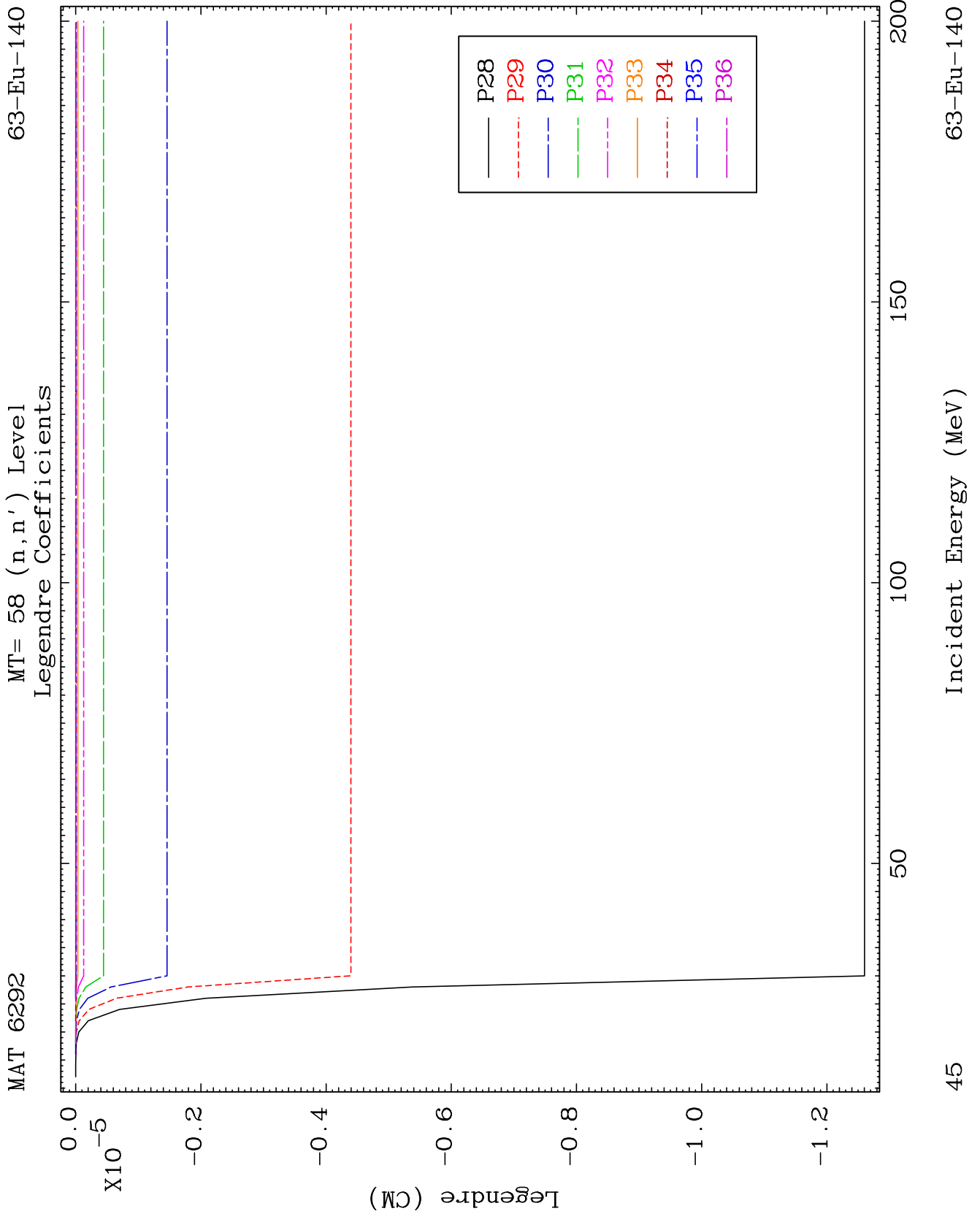


43

Incident Energy (MeV)

63-Eu-140

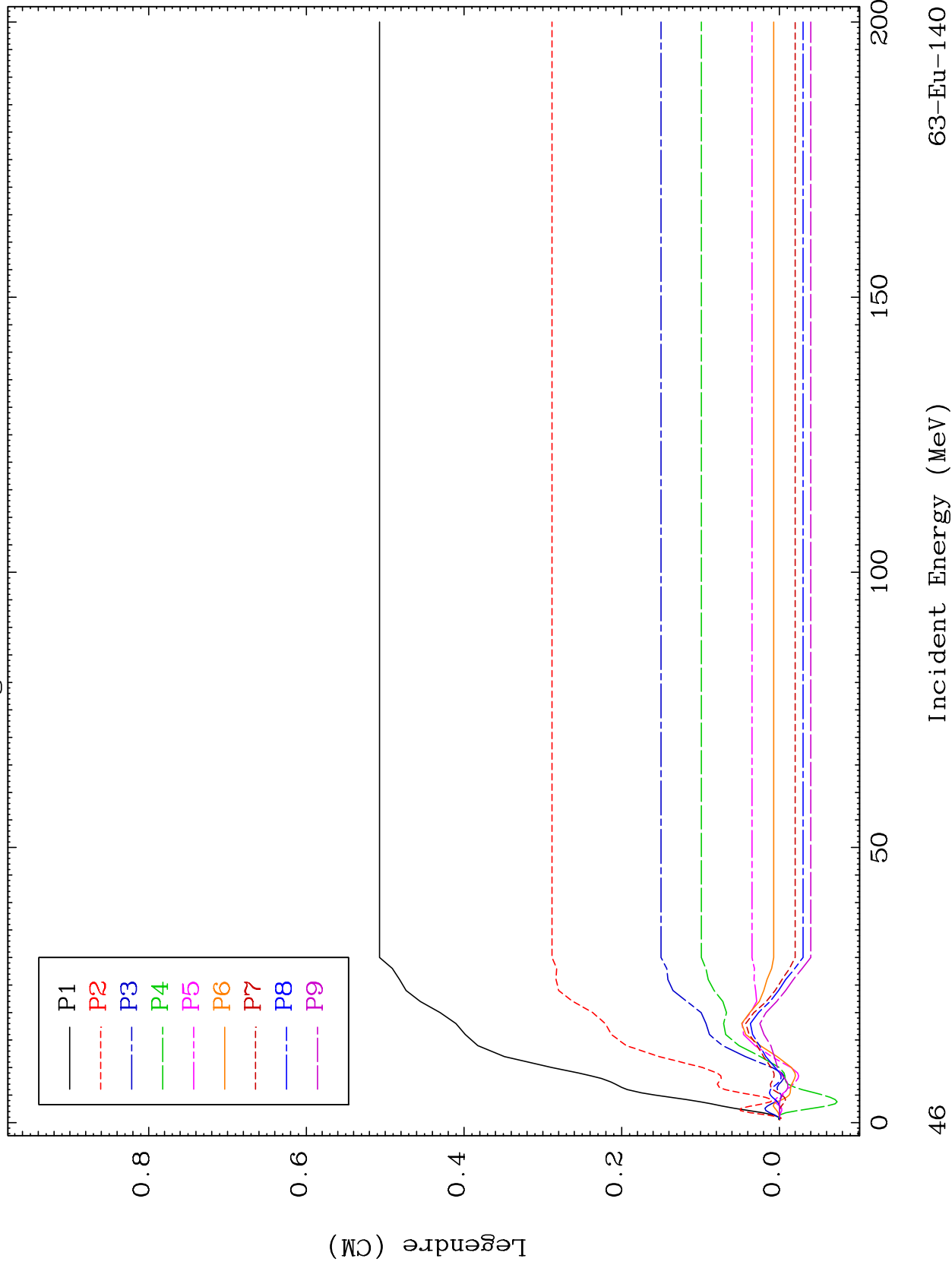




MAT 6292

MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-140



46

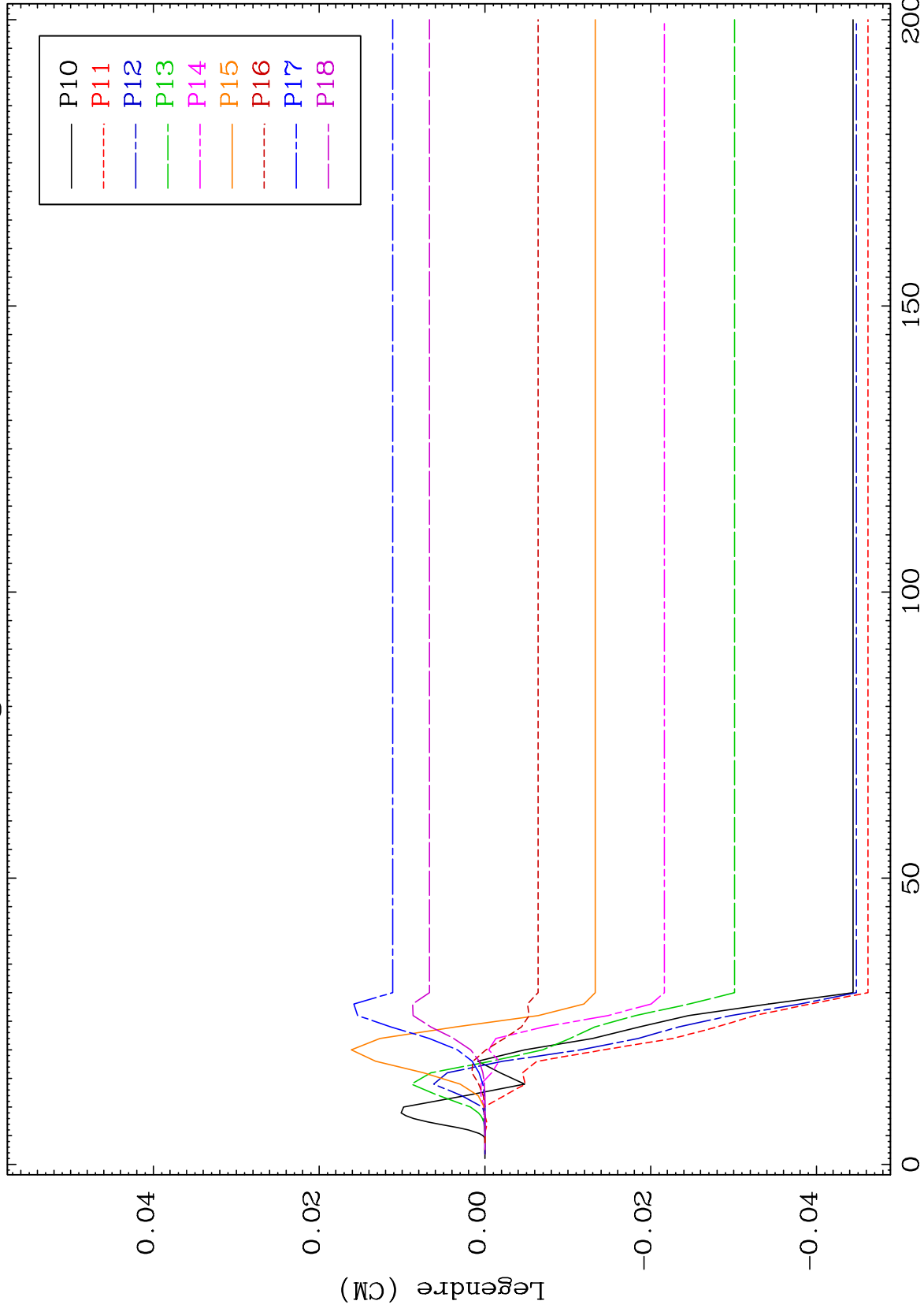
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-140



47

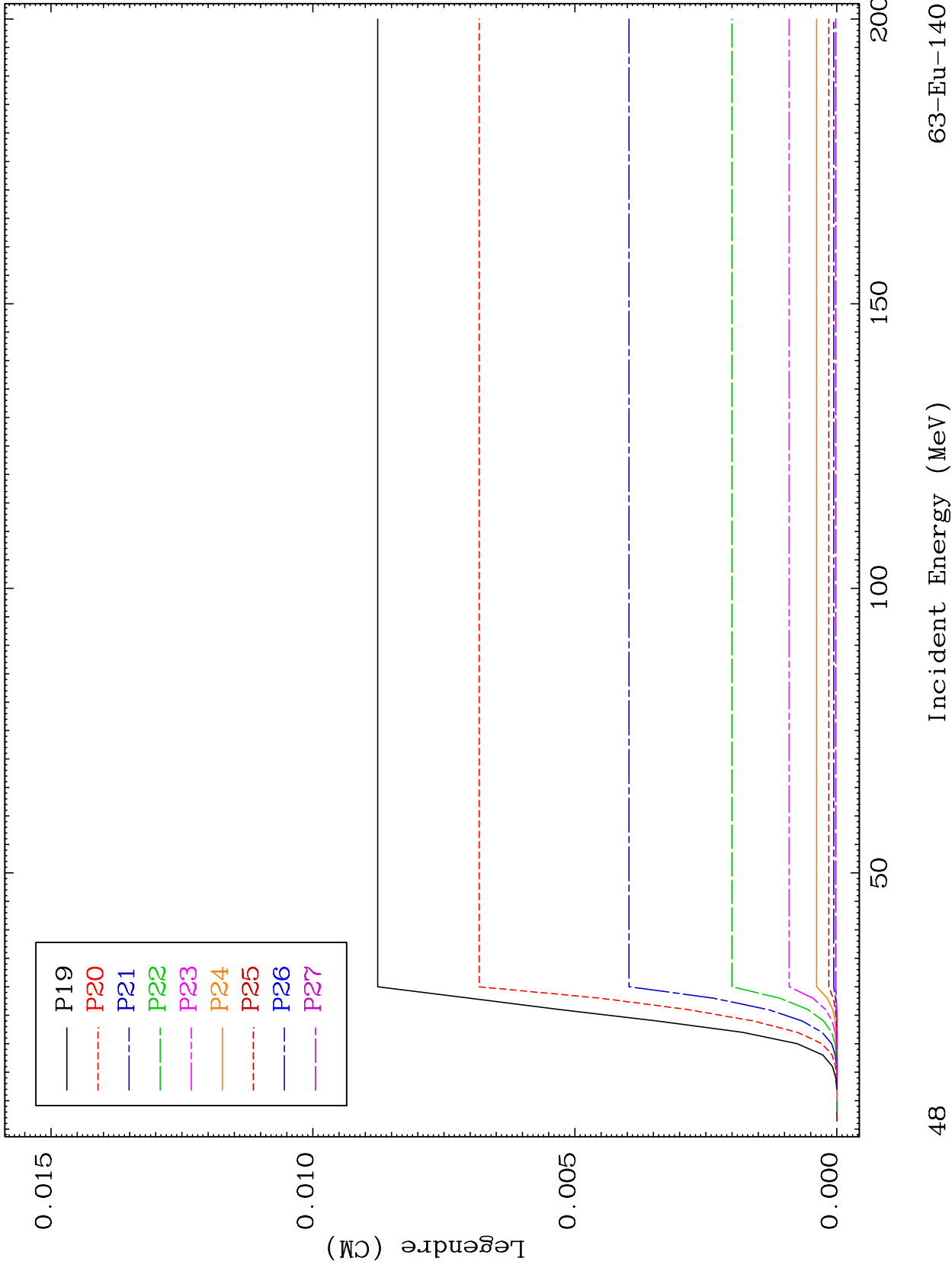
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-140



48

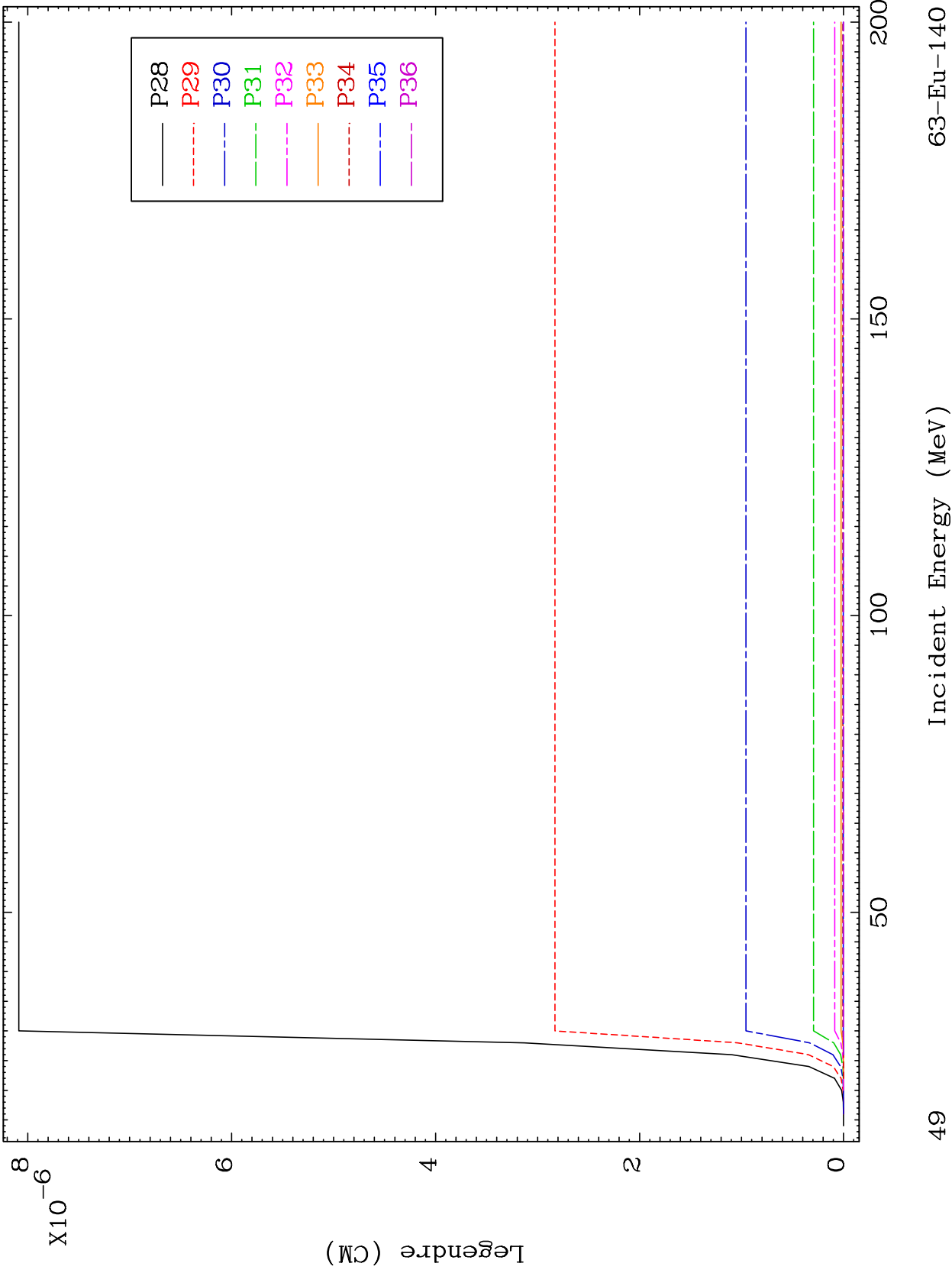
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-140



49

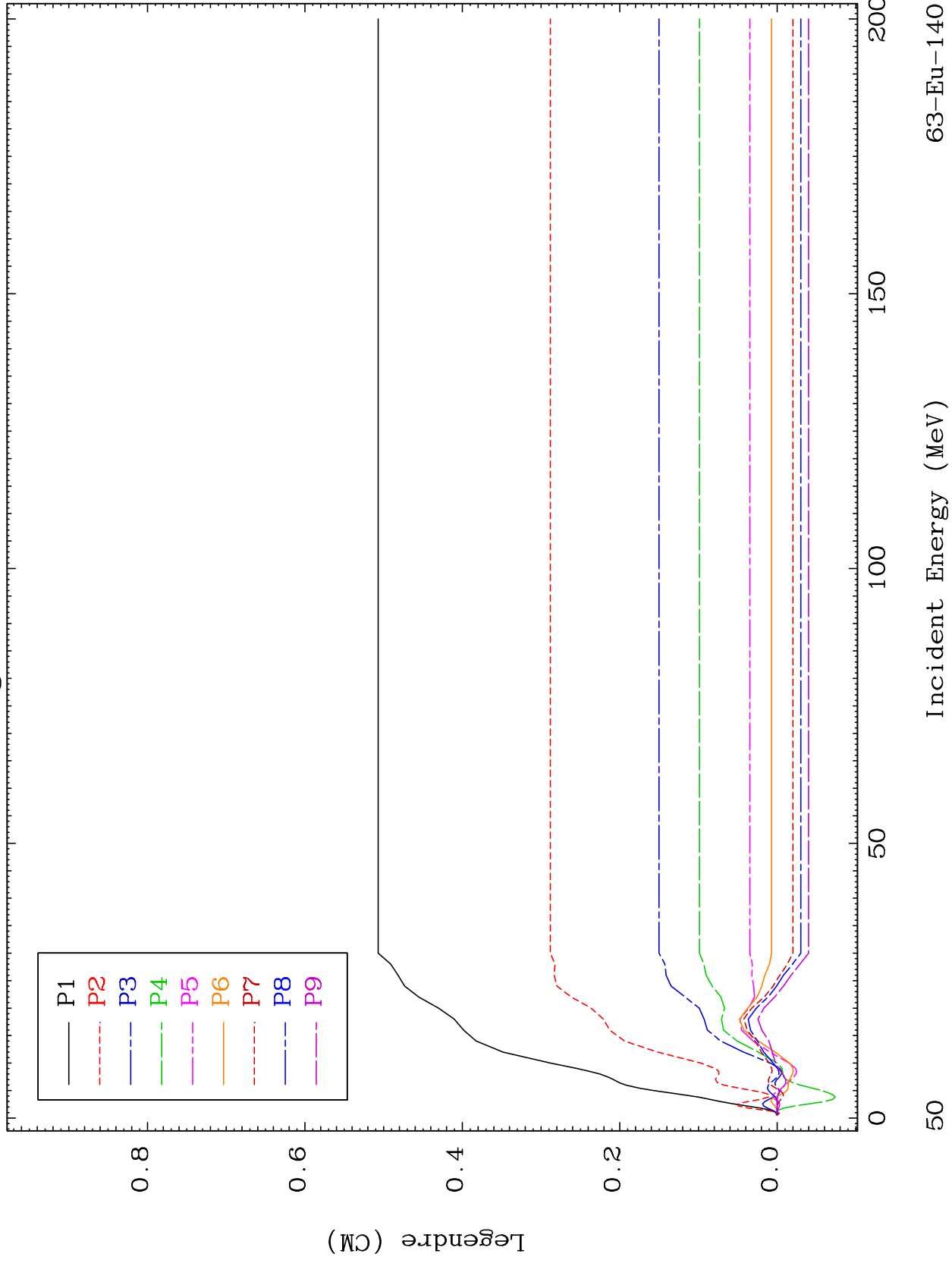
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 60 (n,n') Level
Legendre Coefficients

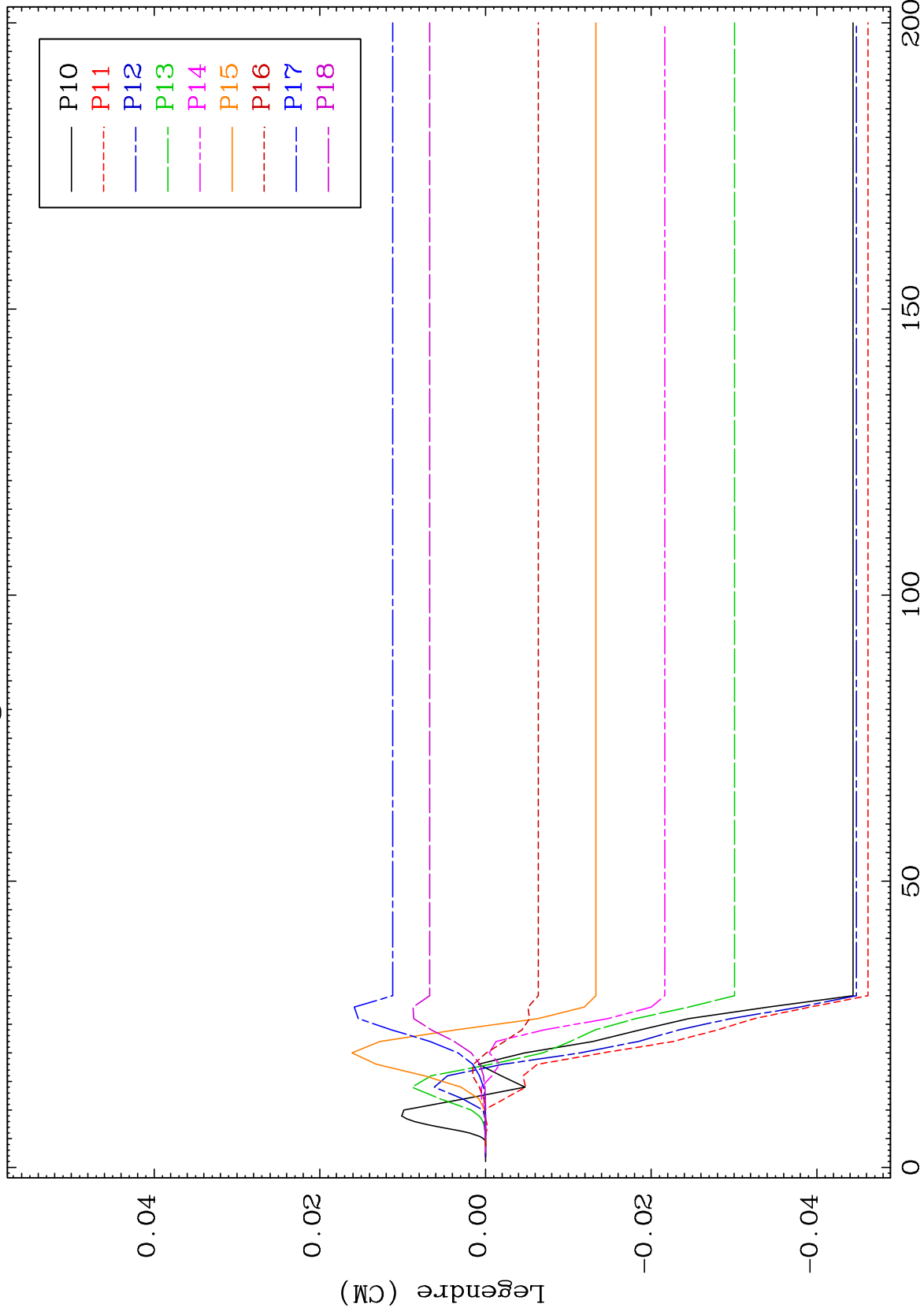
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MAT 6292

MT= 60 (n,n') Level
Legendre Coefficients

63-Eu-140



51

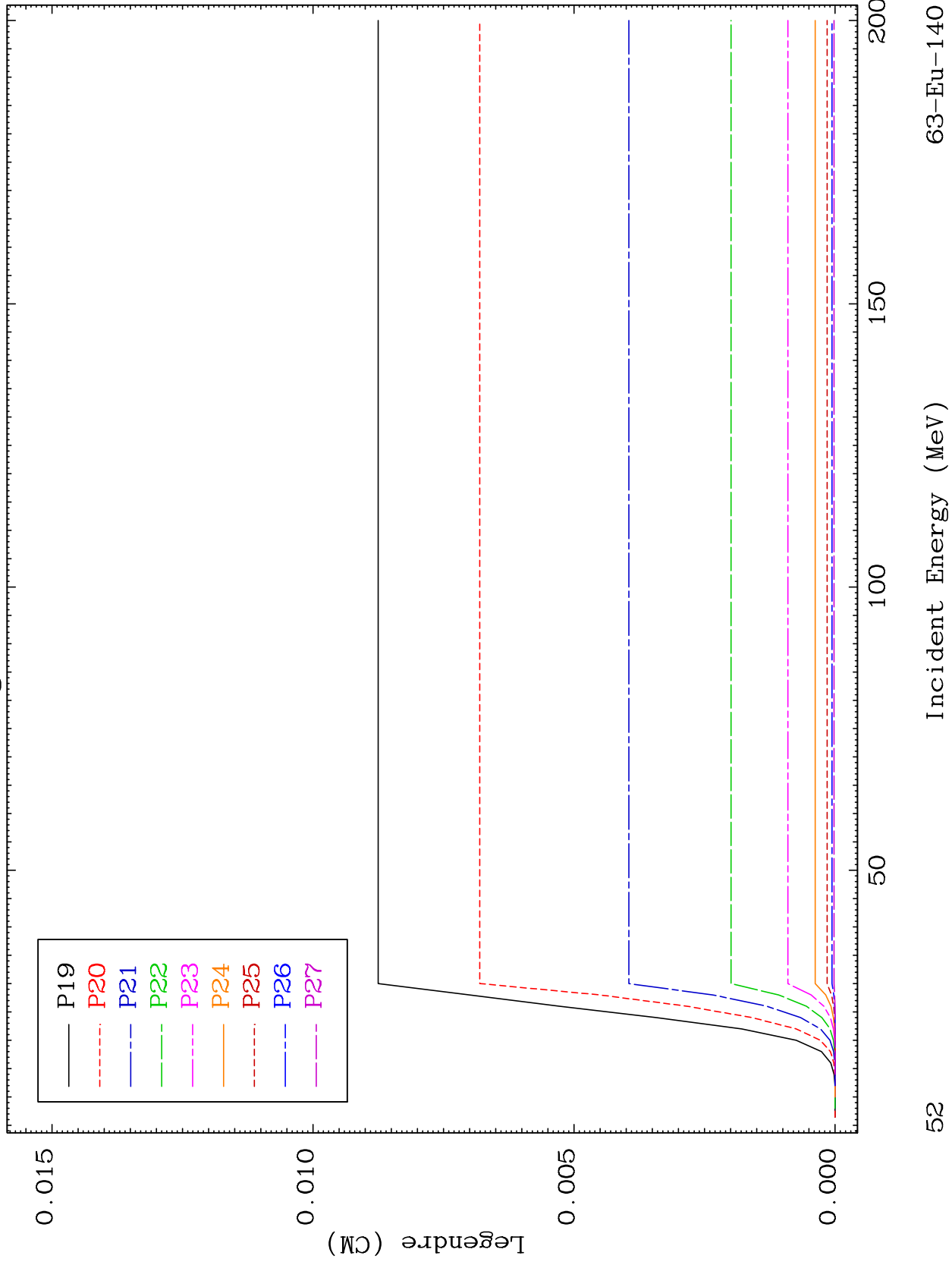
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 60 (n,n') Level
Legendre Coefficients

63-Eu-140



52

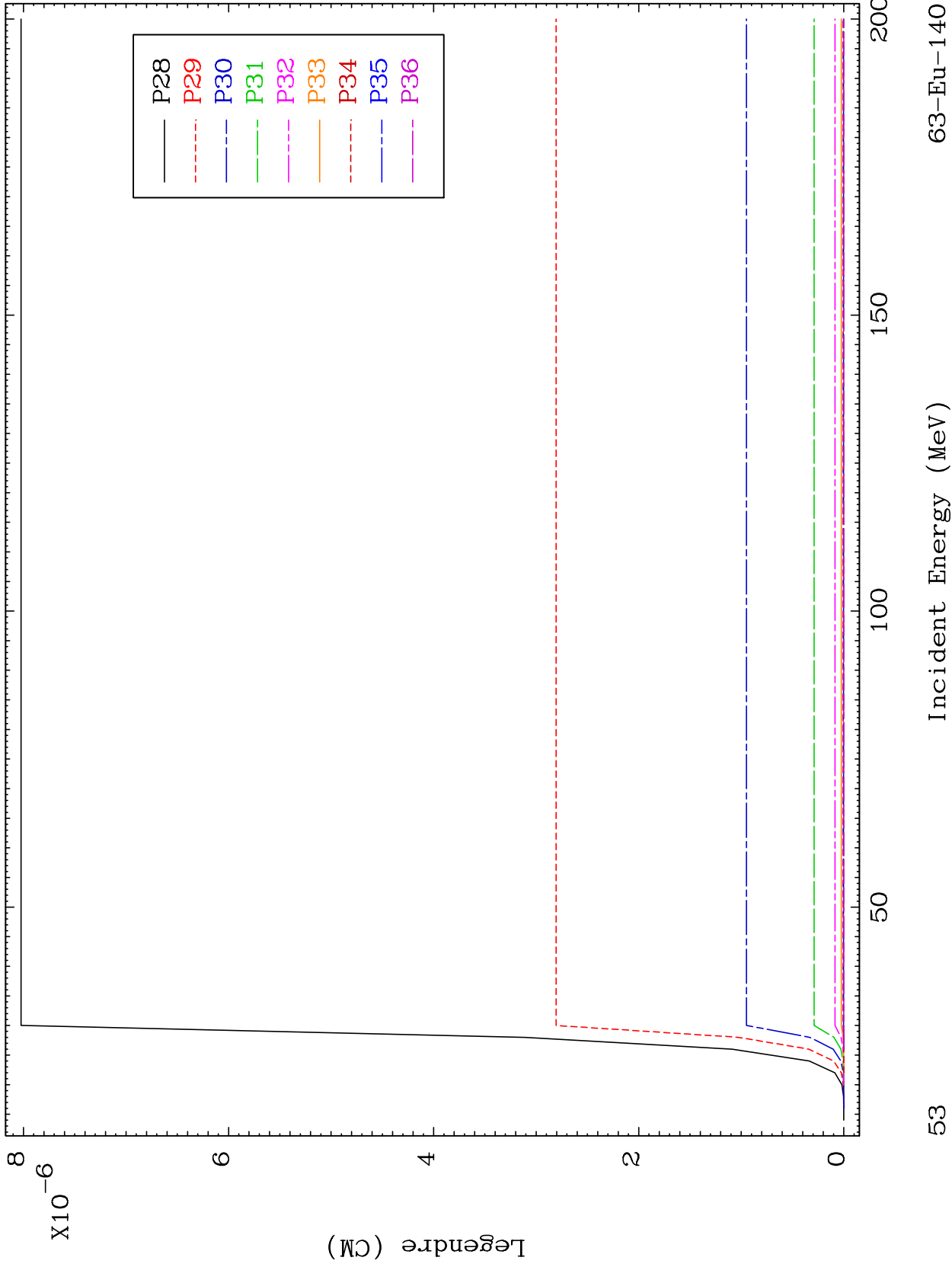
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 60 (n,n') Level
Legendre Coefficients

63-Eu-140



53

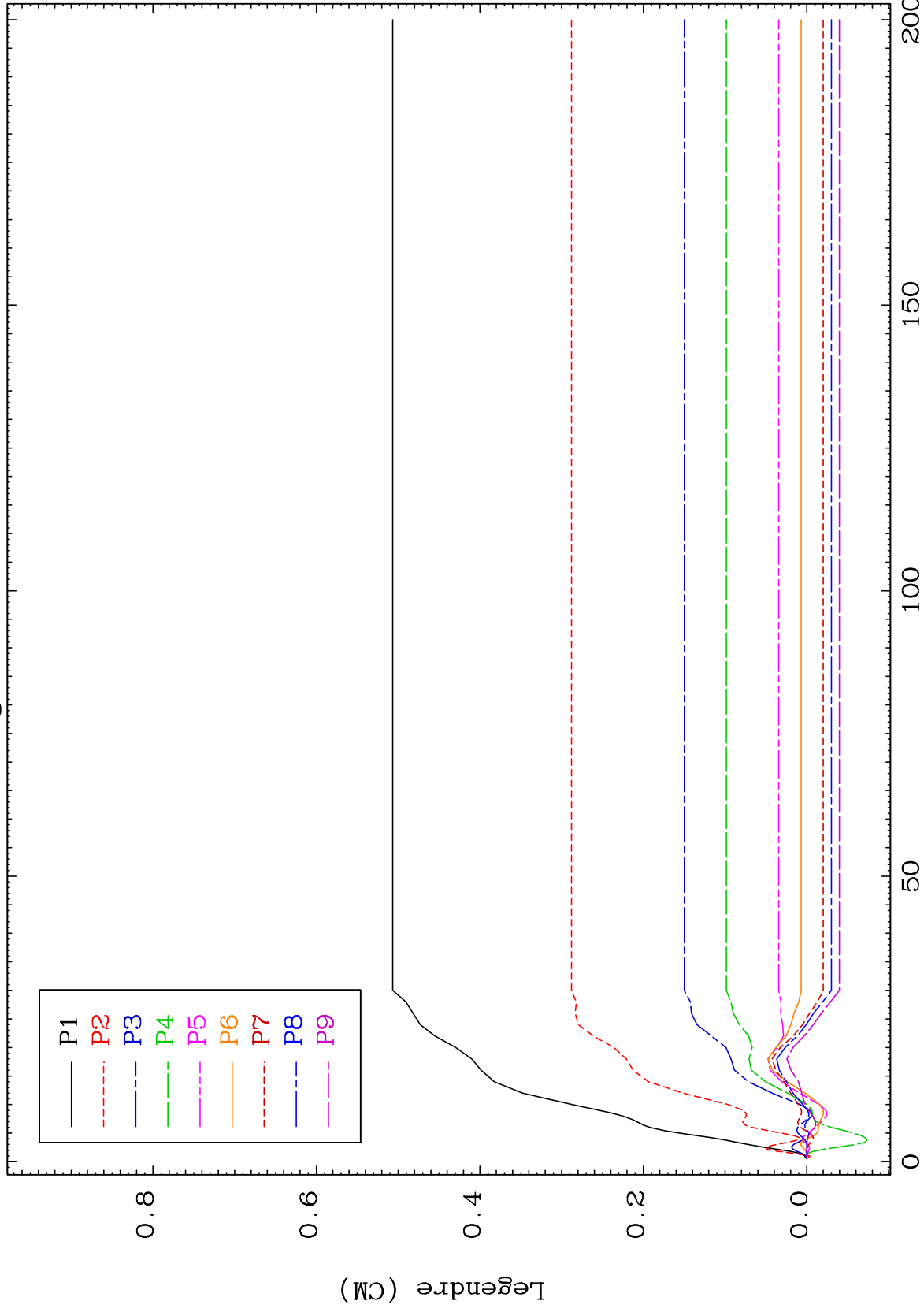
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 61 (n,n') Level
Legendre Coefficients

63-Eu-140



54

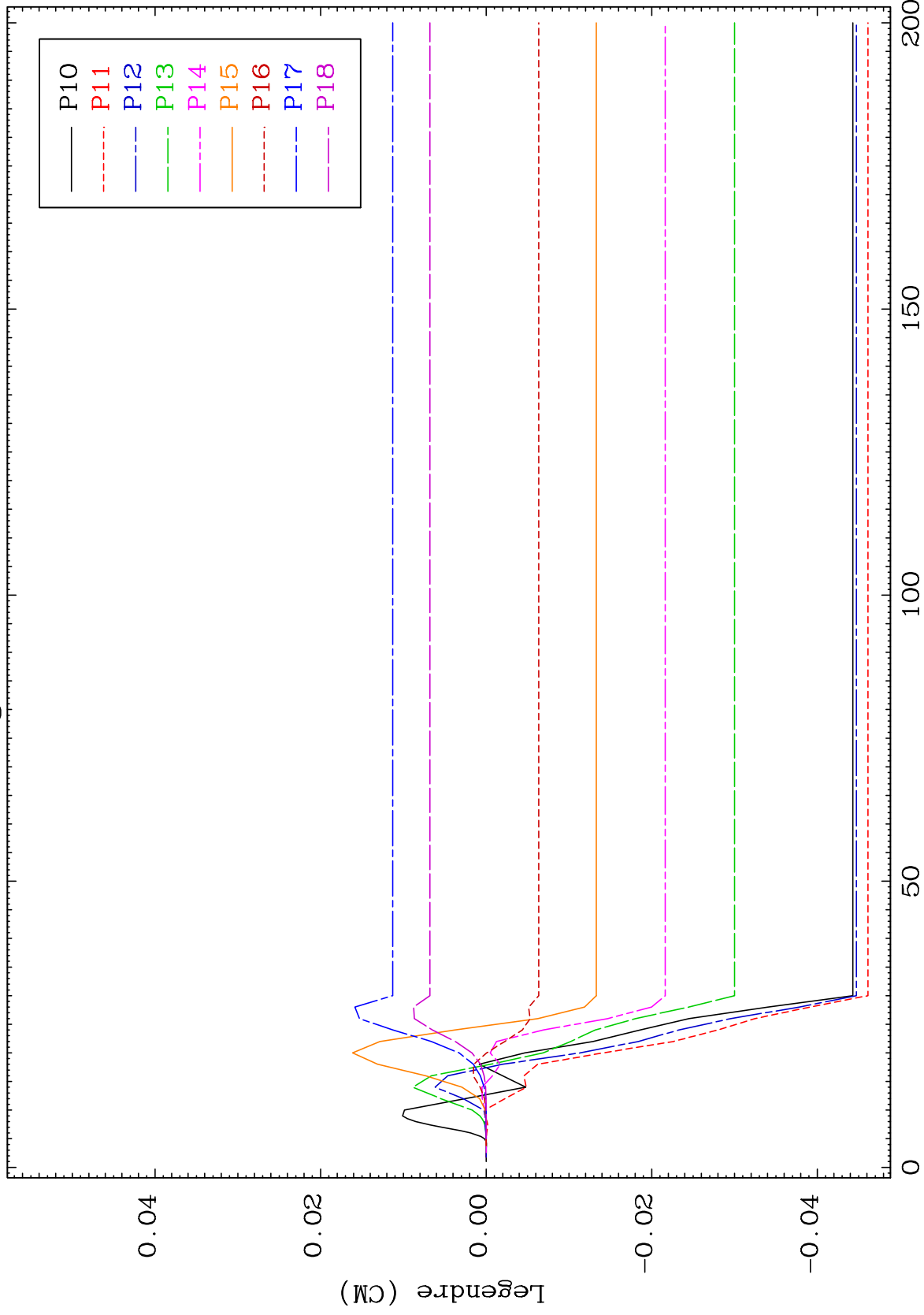
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63-Eu-140

MAT 6292

MT= 61 (n,n') Level
Legendre Coefficients

63-Eu-140



55

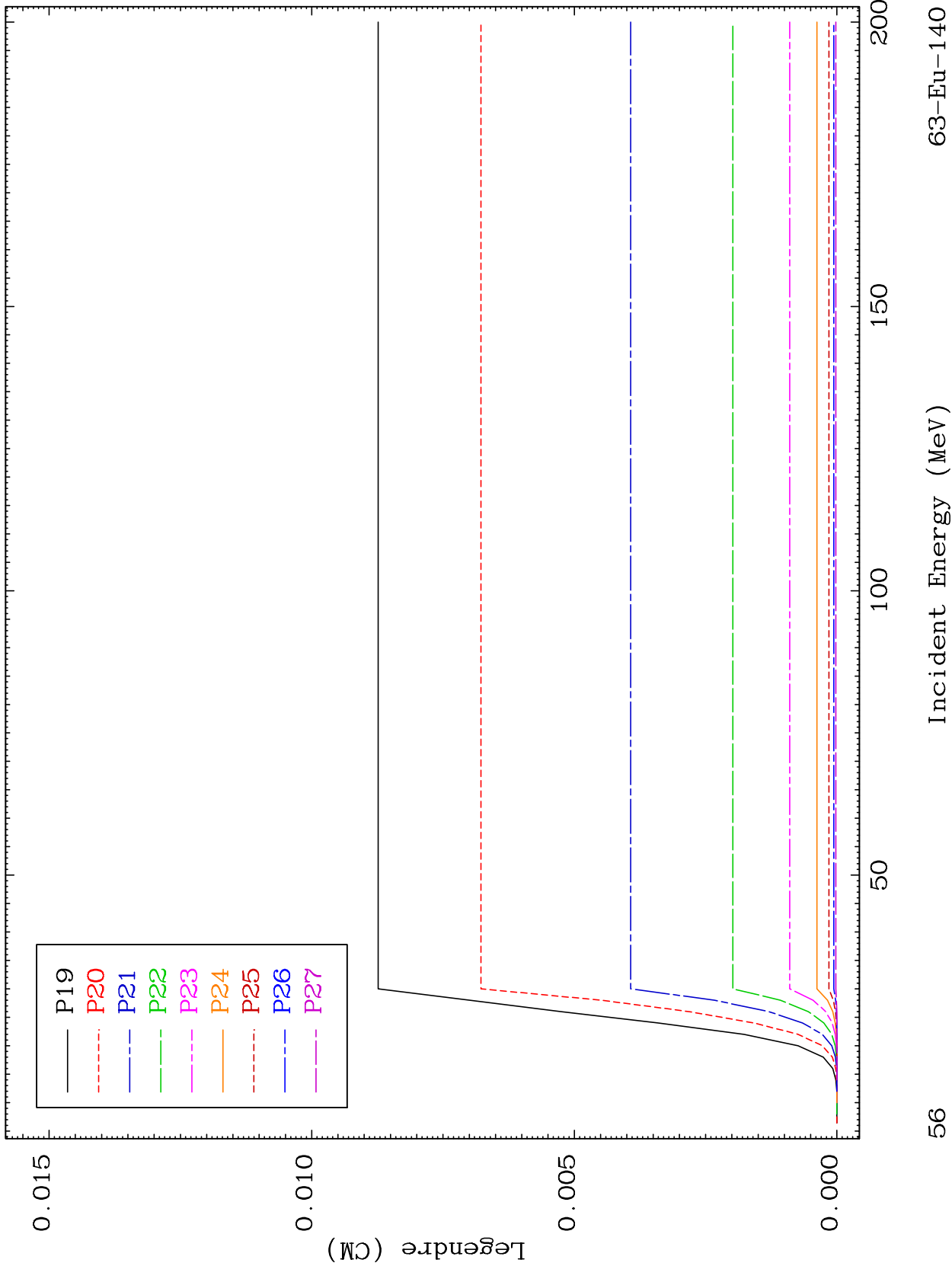
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 61 (n,n') Level
Legendre Coefficients

63-Eu-140



56

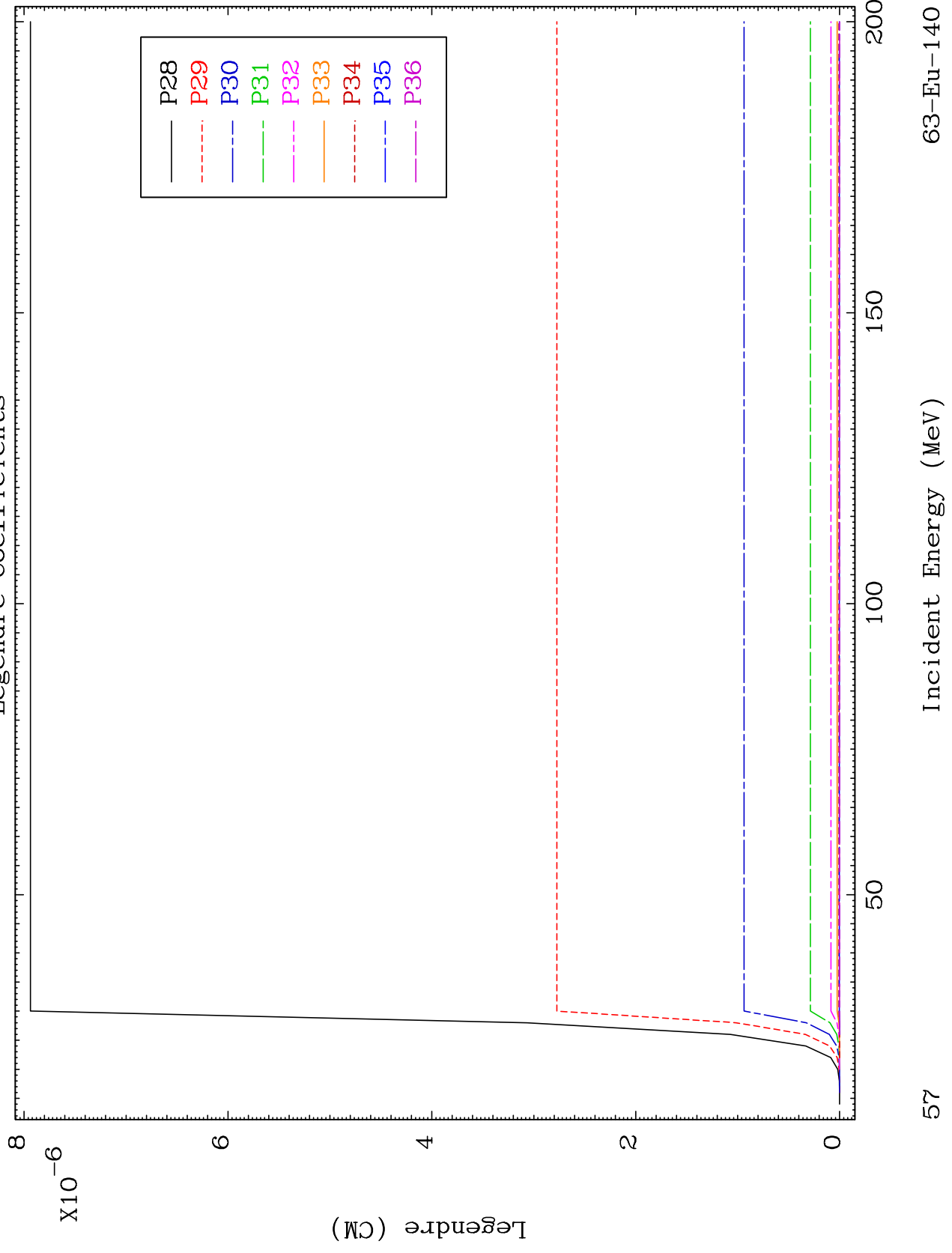
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 61 (n,n') Level
Legendre Coefficients

63-Eu-140



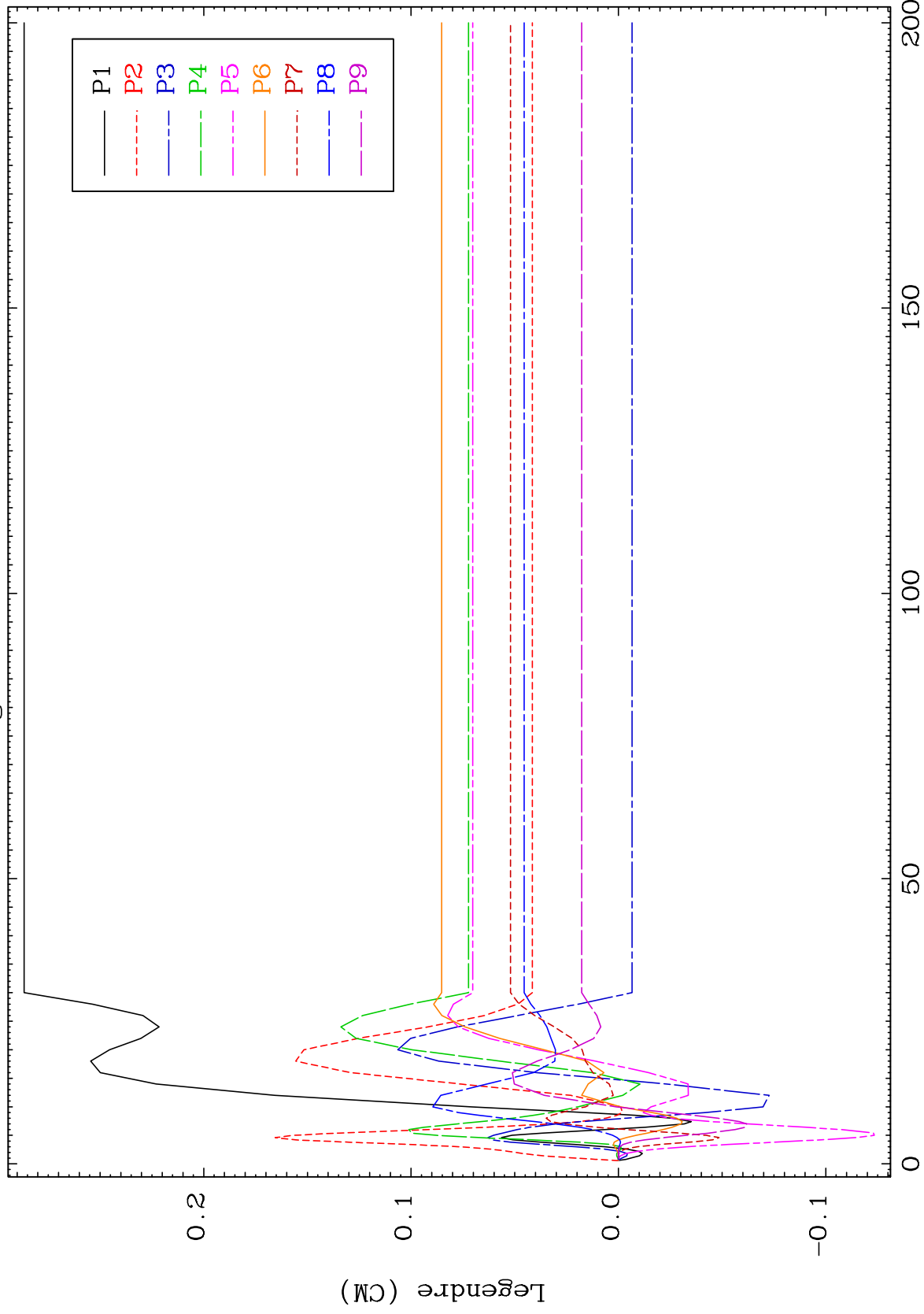
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63-Eu-140

MAT 6292

MT= 62 (n,n') Level
Legendre Coefficients

63-Eu-140



58

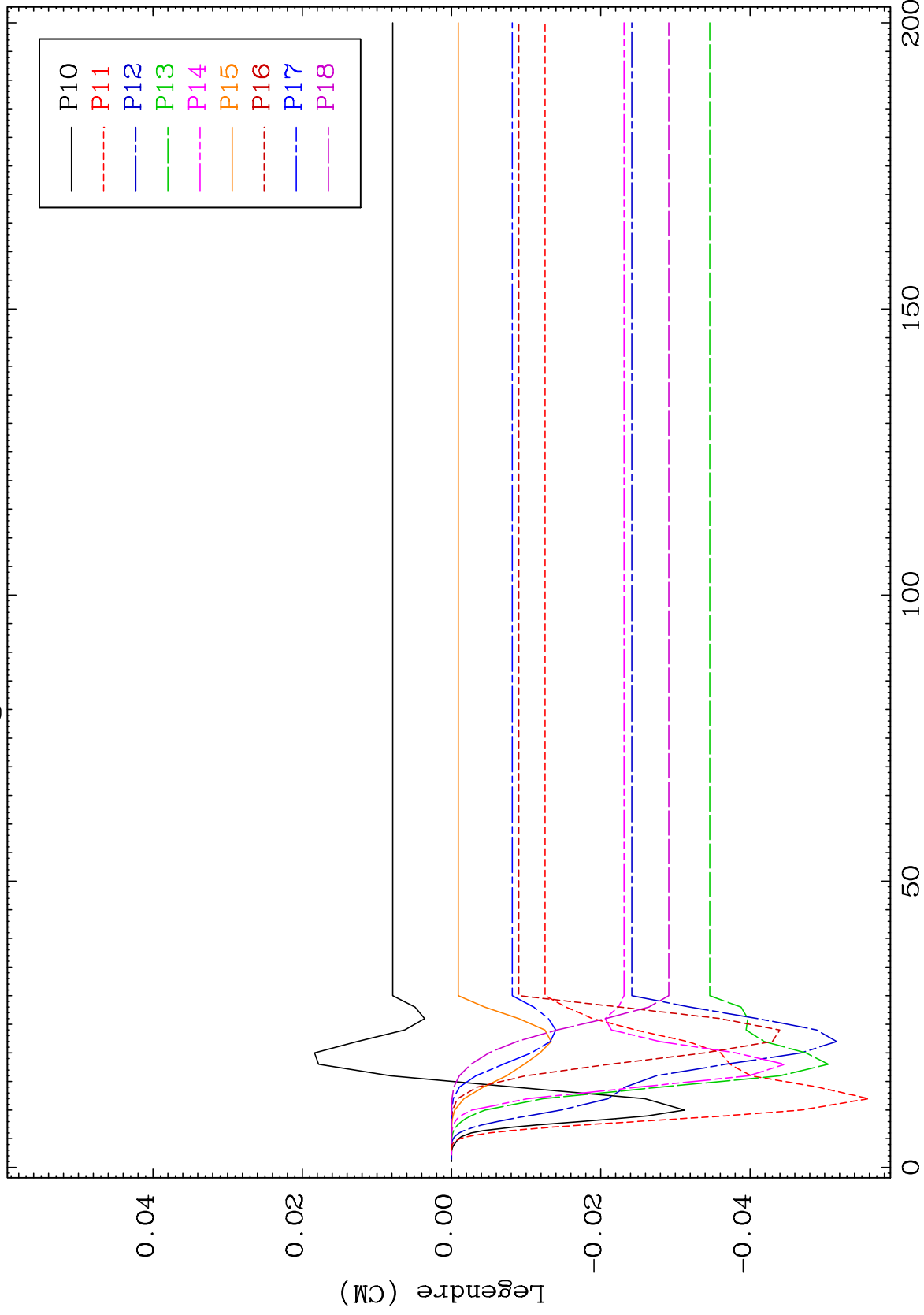
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 62 (n,n') Level
Legendre Coefficients

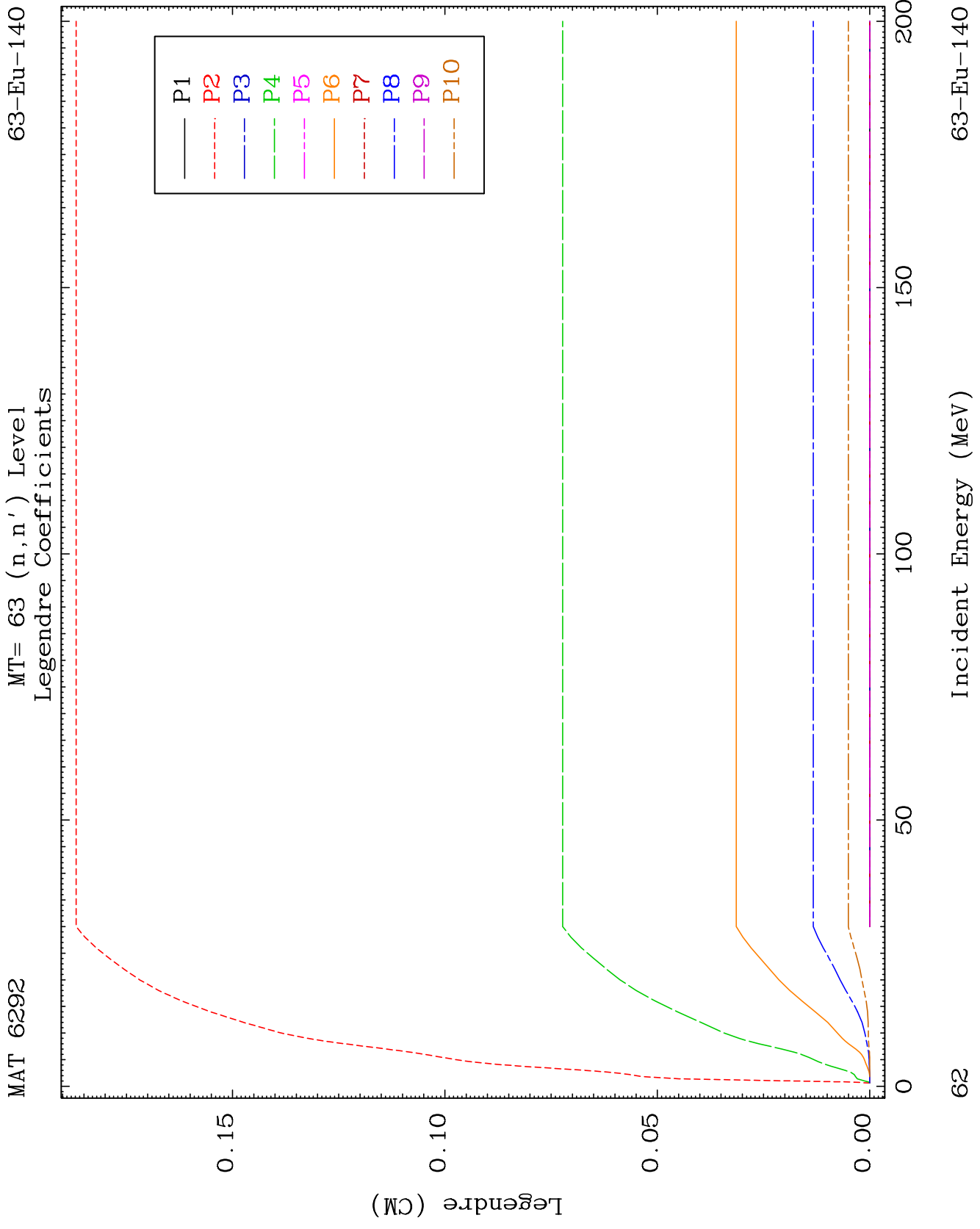
63-Eu-140



59

Incident Energy (MeV)

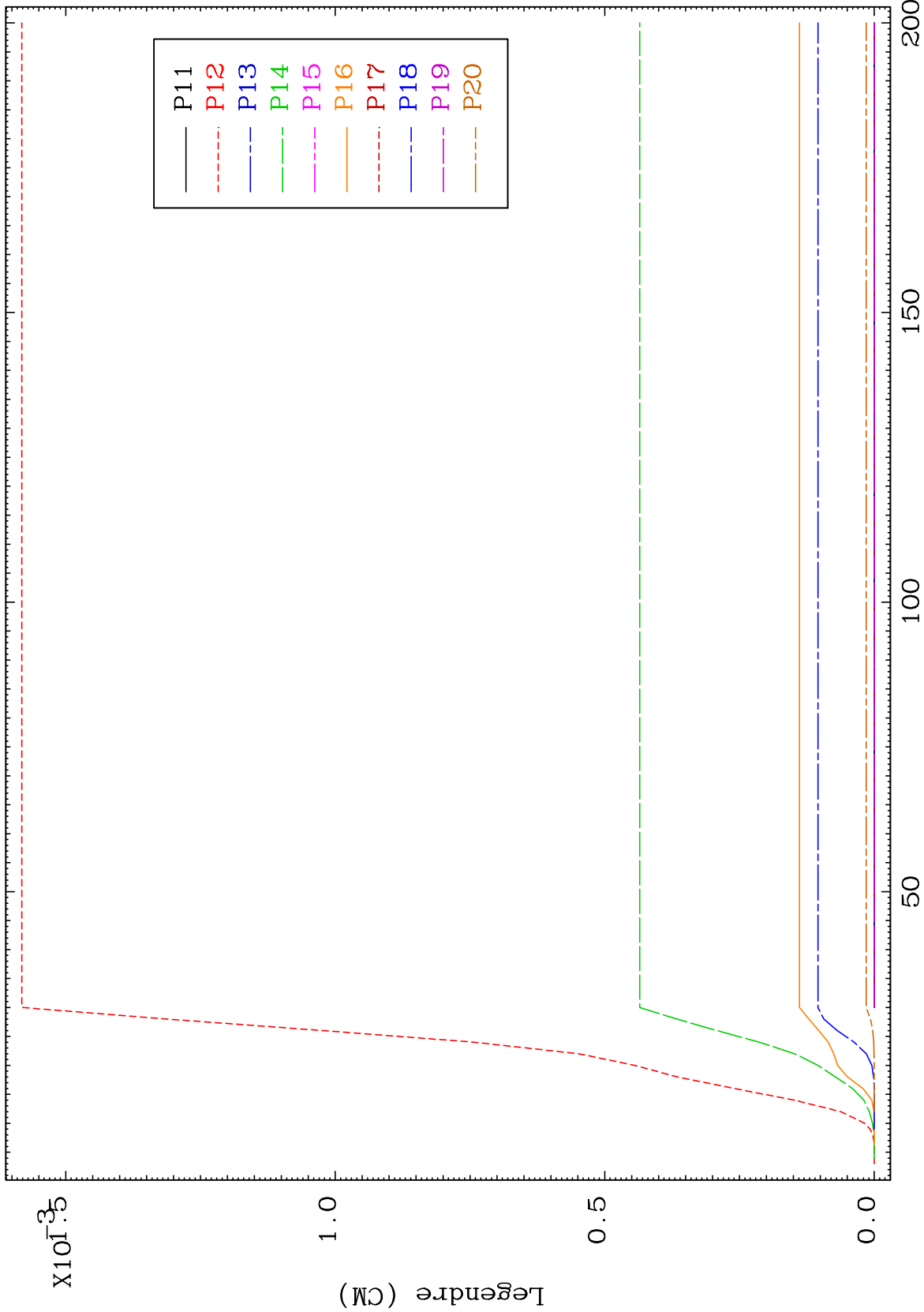
63-Eu-140



MAT 6292

MT= 63 (n,n') Level
Legendre Coefficients

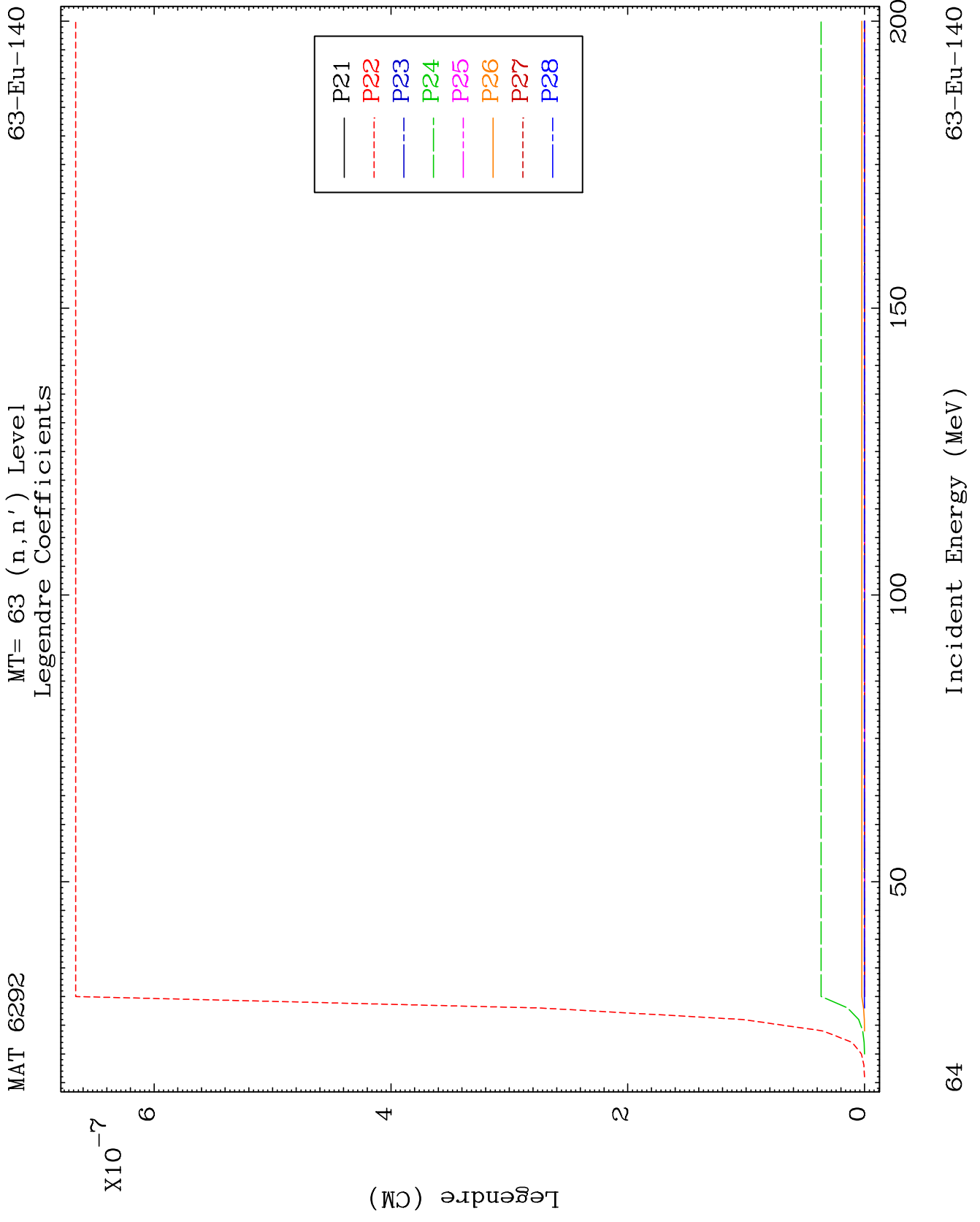
63-Eu-140



63

Incident Energy (MeV)

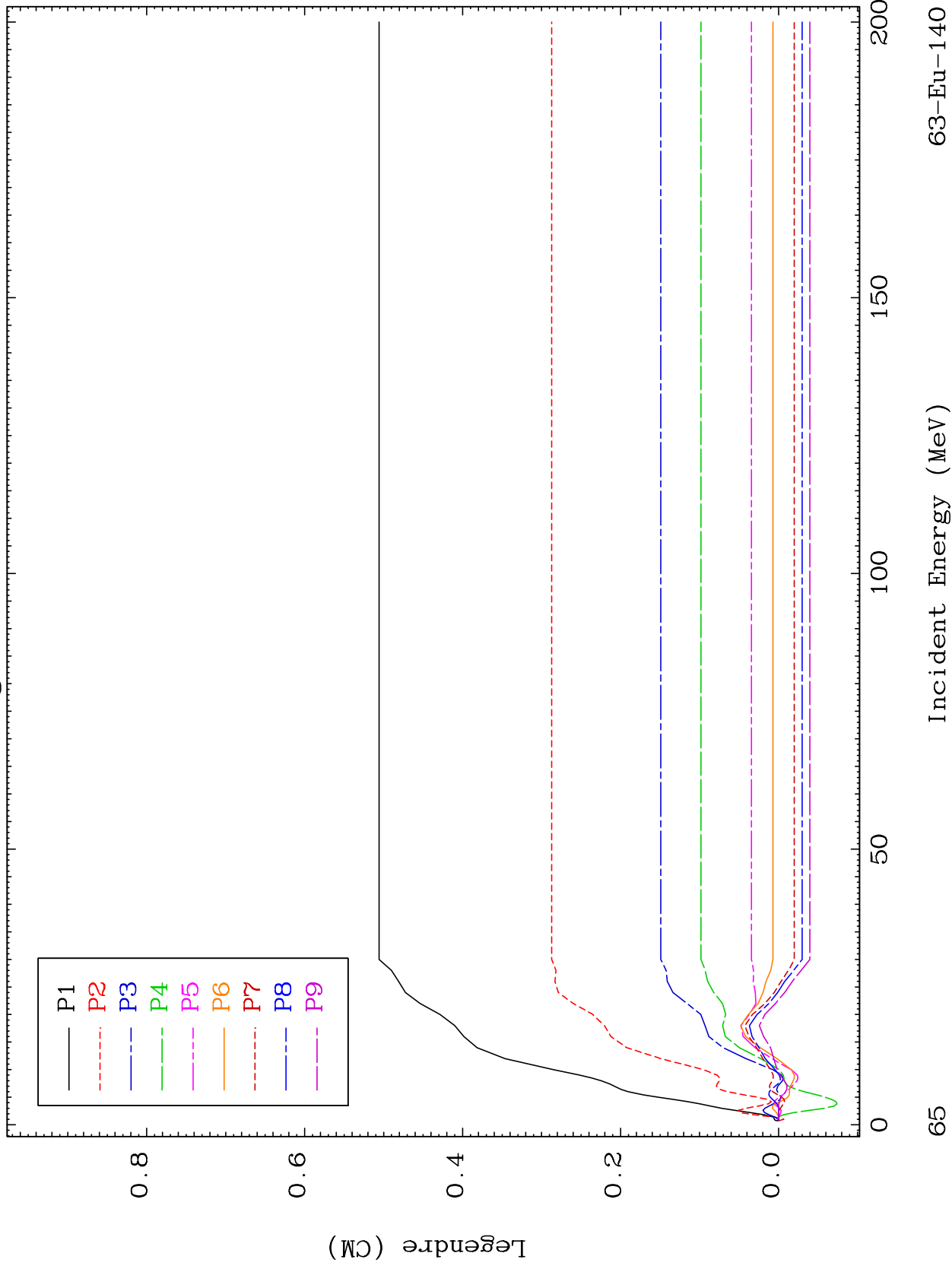
63-Eu-140



MAT 6292

MT= 64 (n,n') Level
Legendre Coefficients

63-Eu-140



63-Eu-140

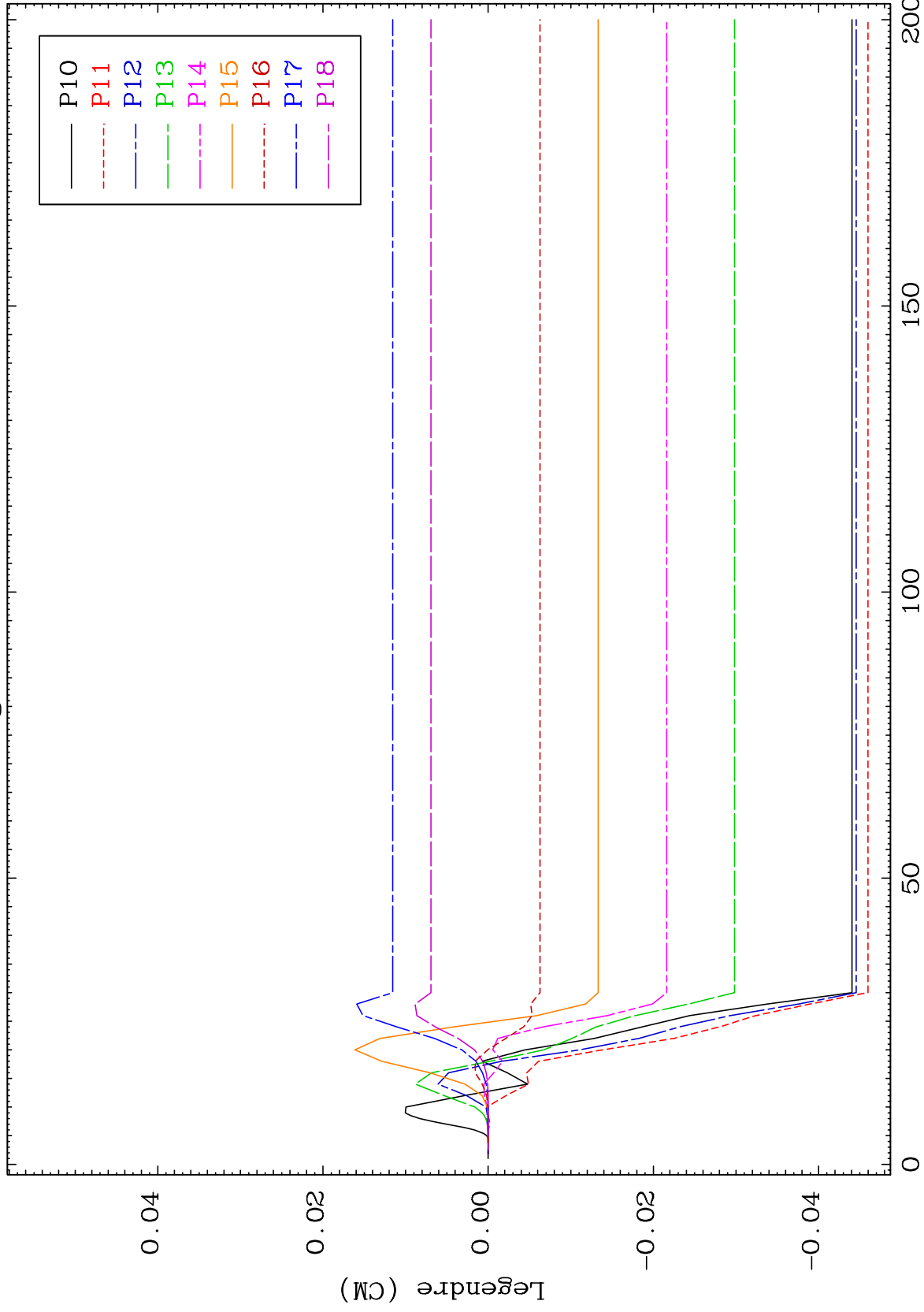
Incident Energy (MeV)

65

MAT 6292

MT= 64 (n,n') Level
Legendre Coefficients

63-Eu-140



66

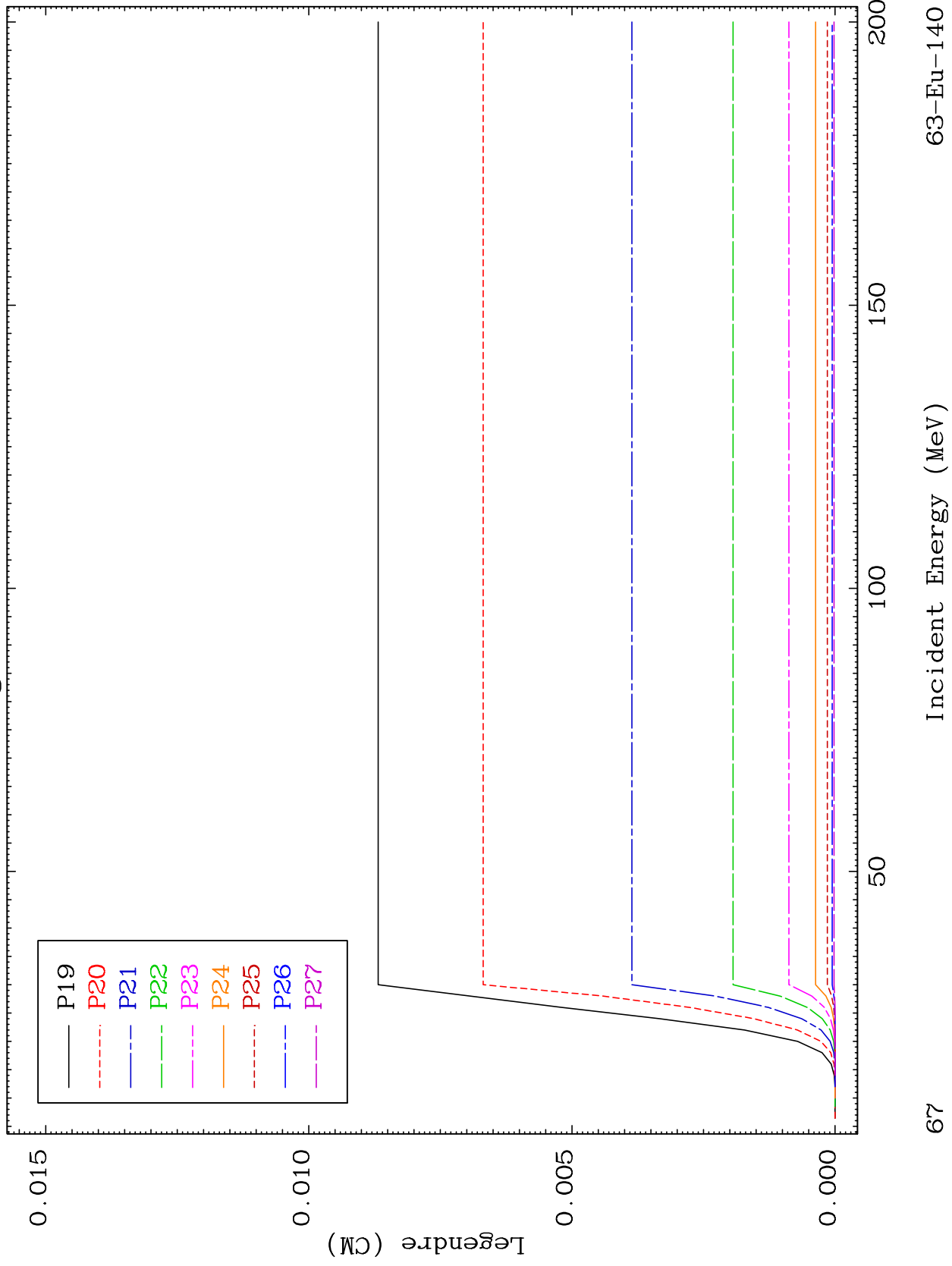
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 64 (n,n') Level
Legendre Coefficients

63-Eu-140



67

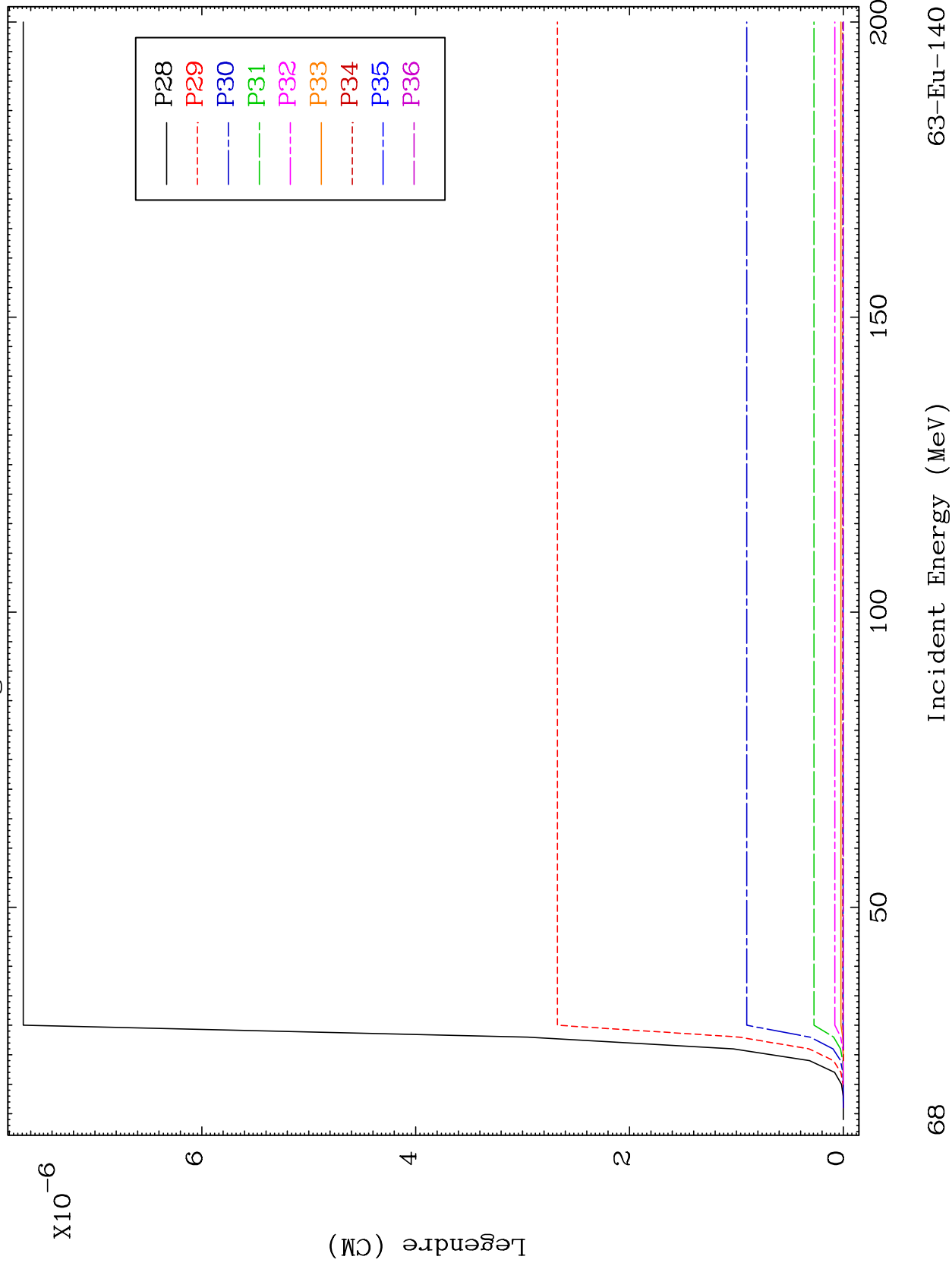
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 64 (n,n') Level
Legendre Coefficients

63-Eu-140



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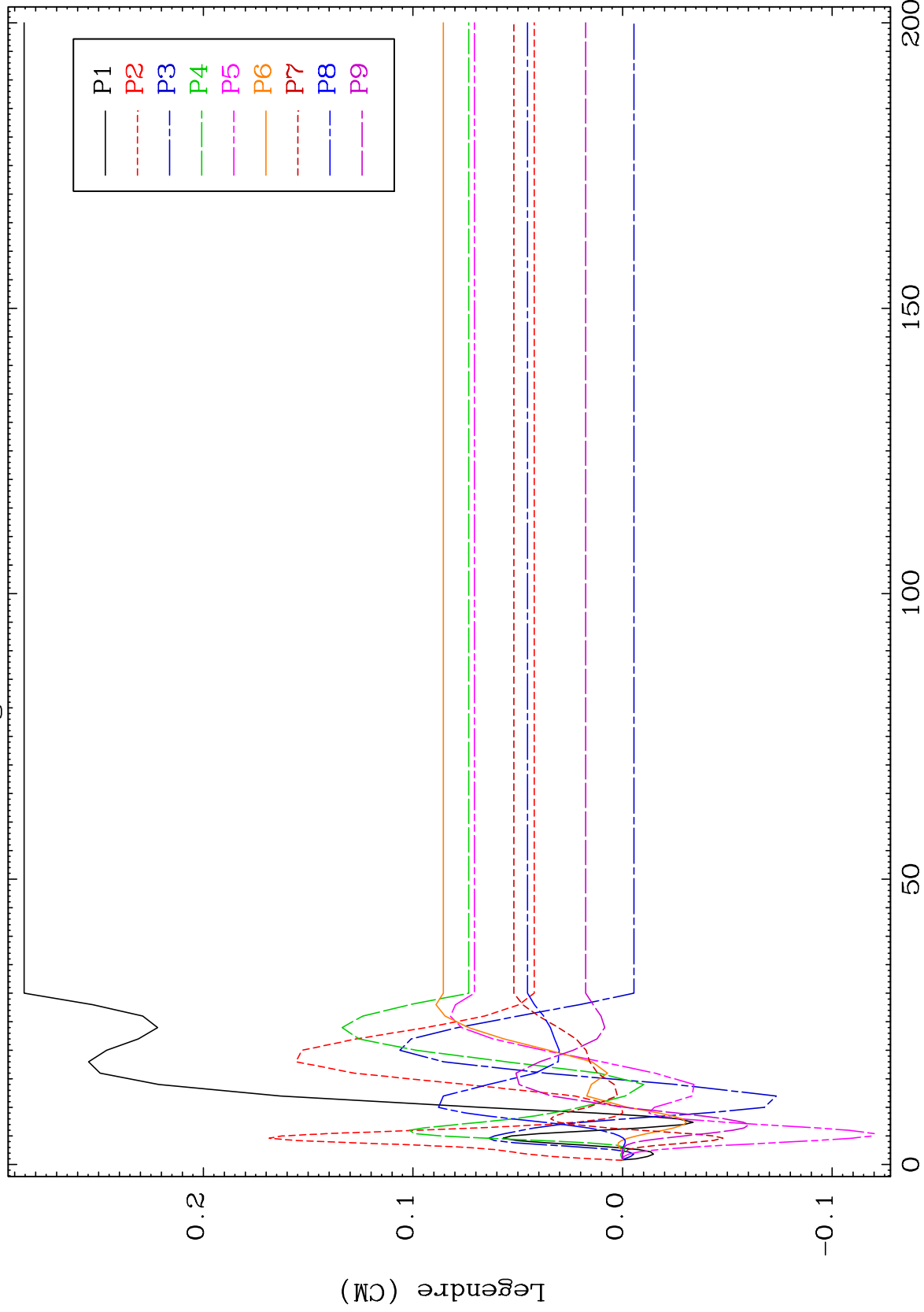
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 65 (n,n') Level
Legendre Coefficients

63-Eu-140



69

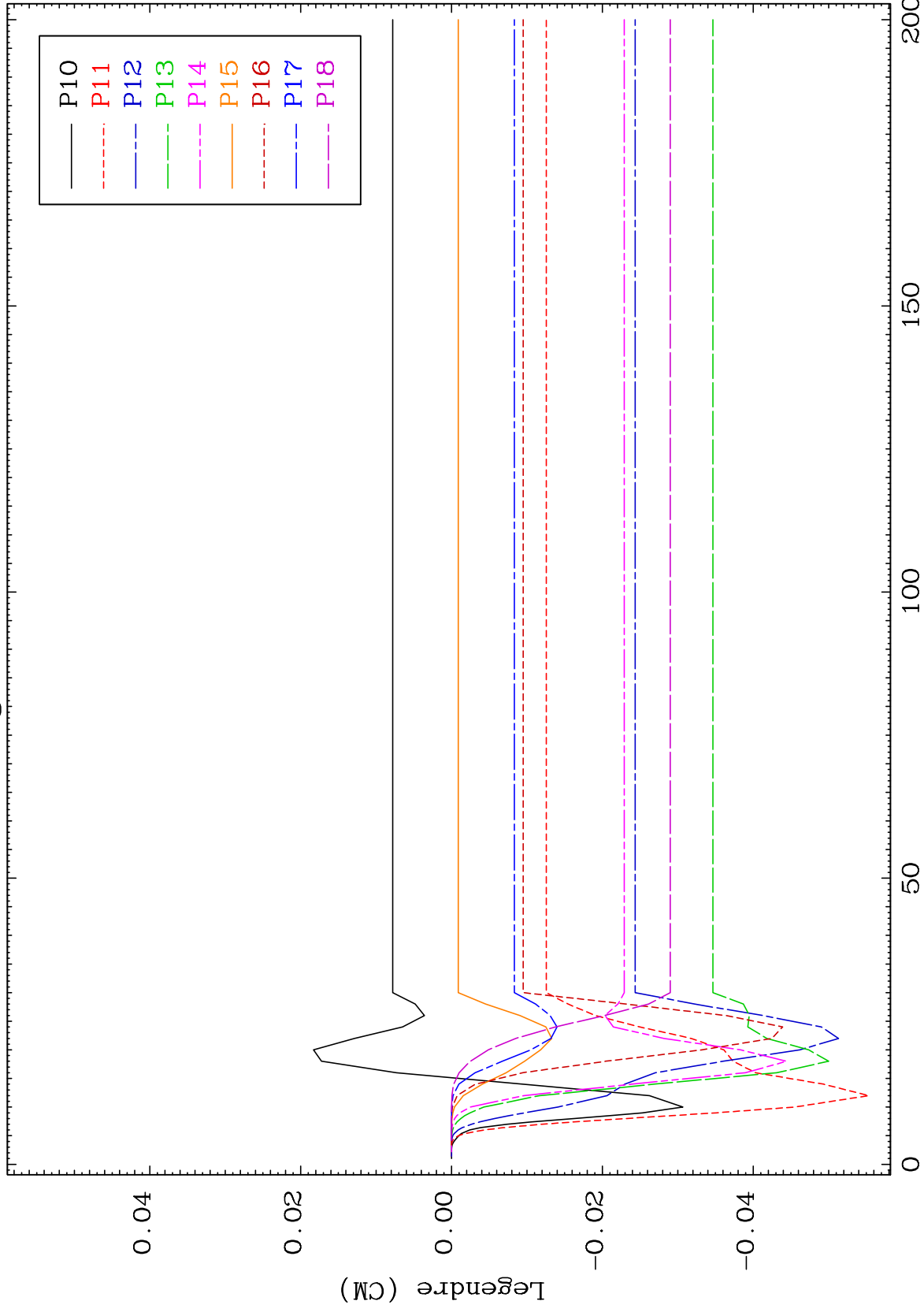
63-Eu-140

63-Eu-140

MAT 6292

MT= 65 (n,n') Level
Legendre Coefficients

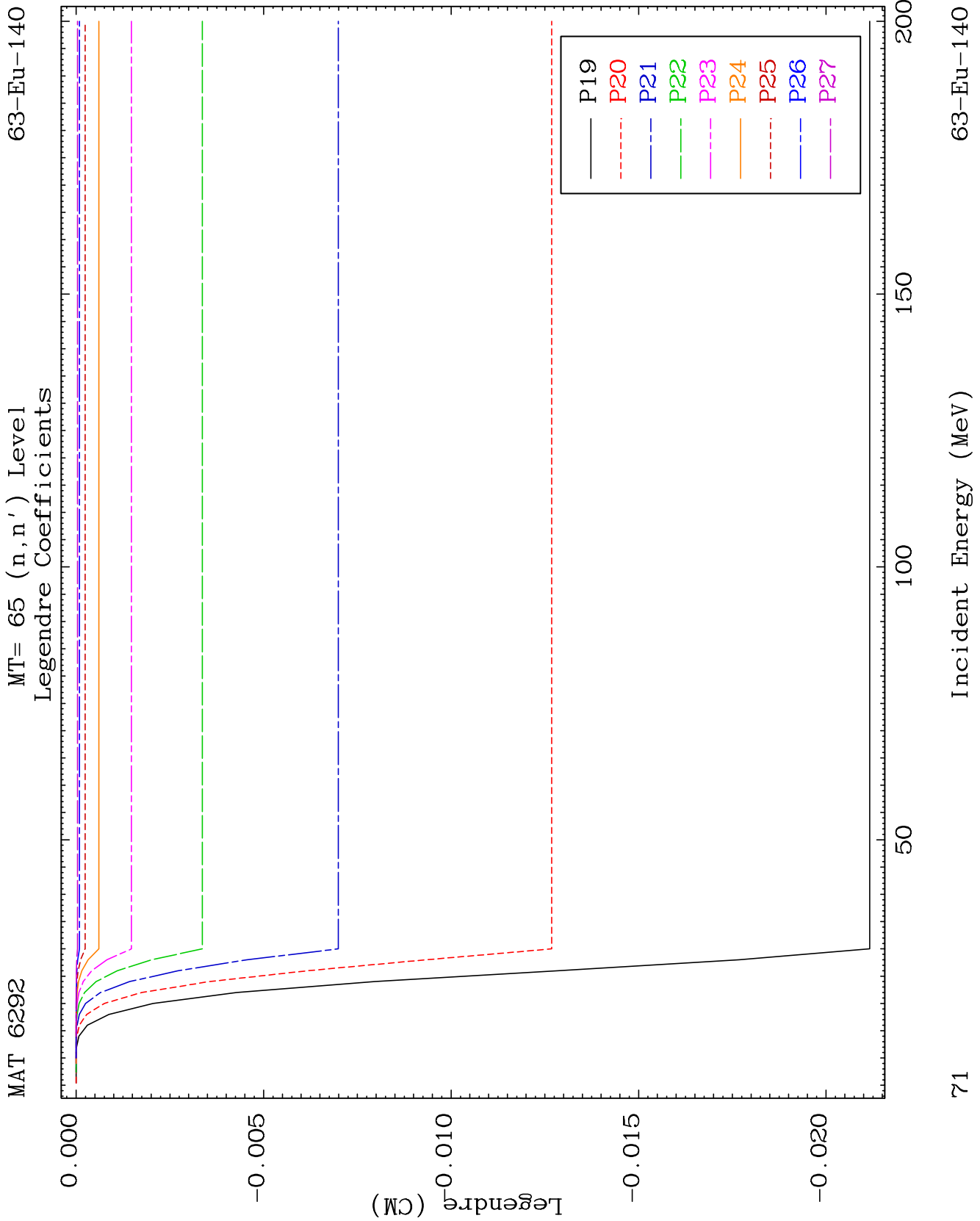
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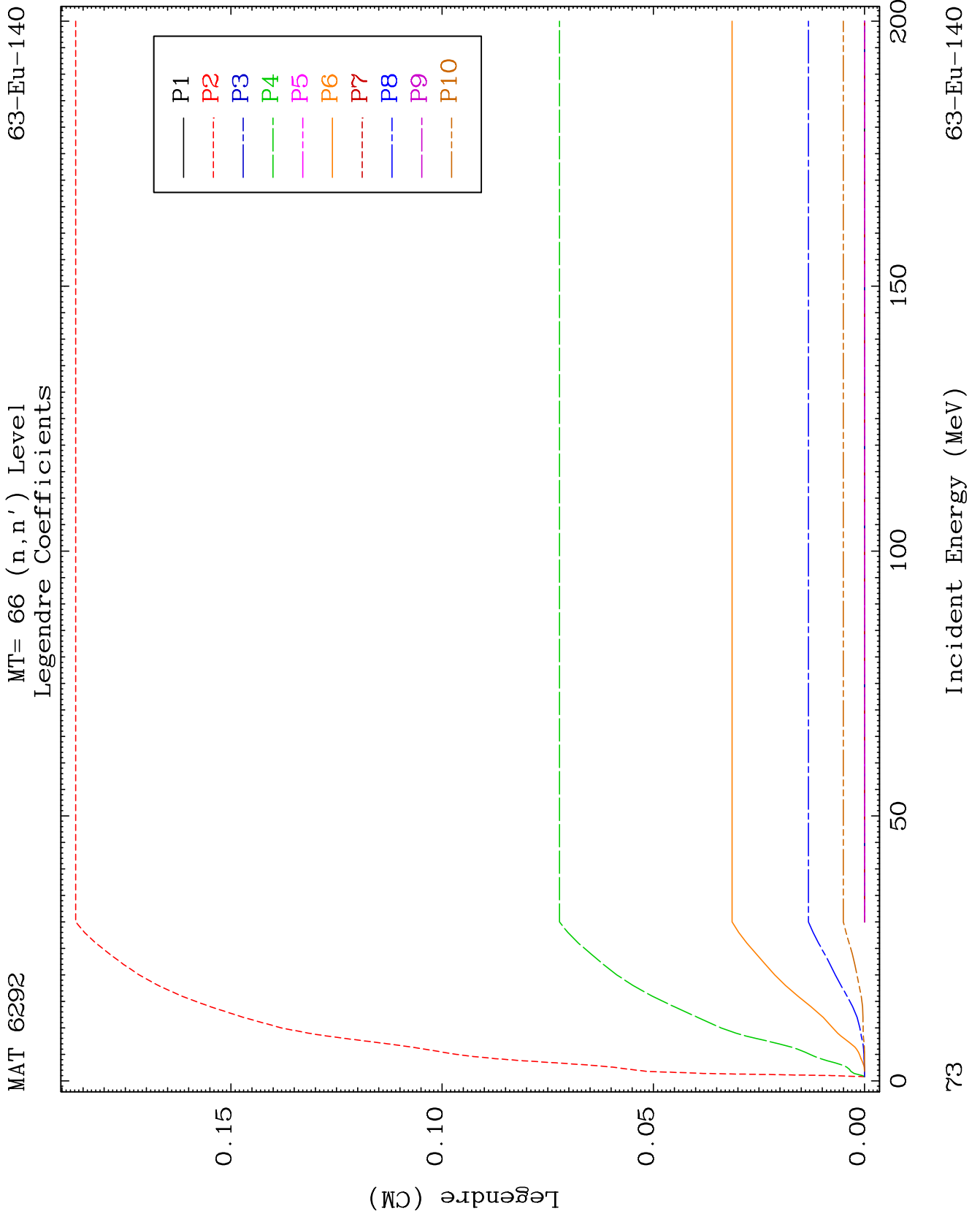


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Incident Energy (MeV)

63-Eu-140

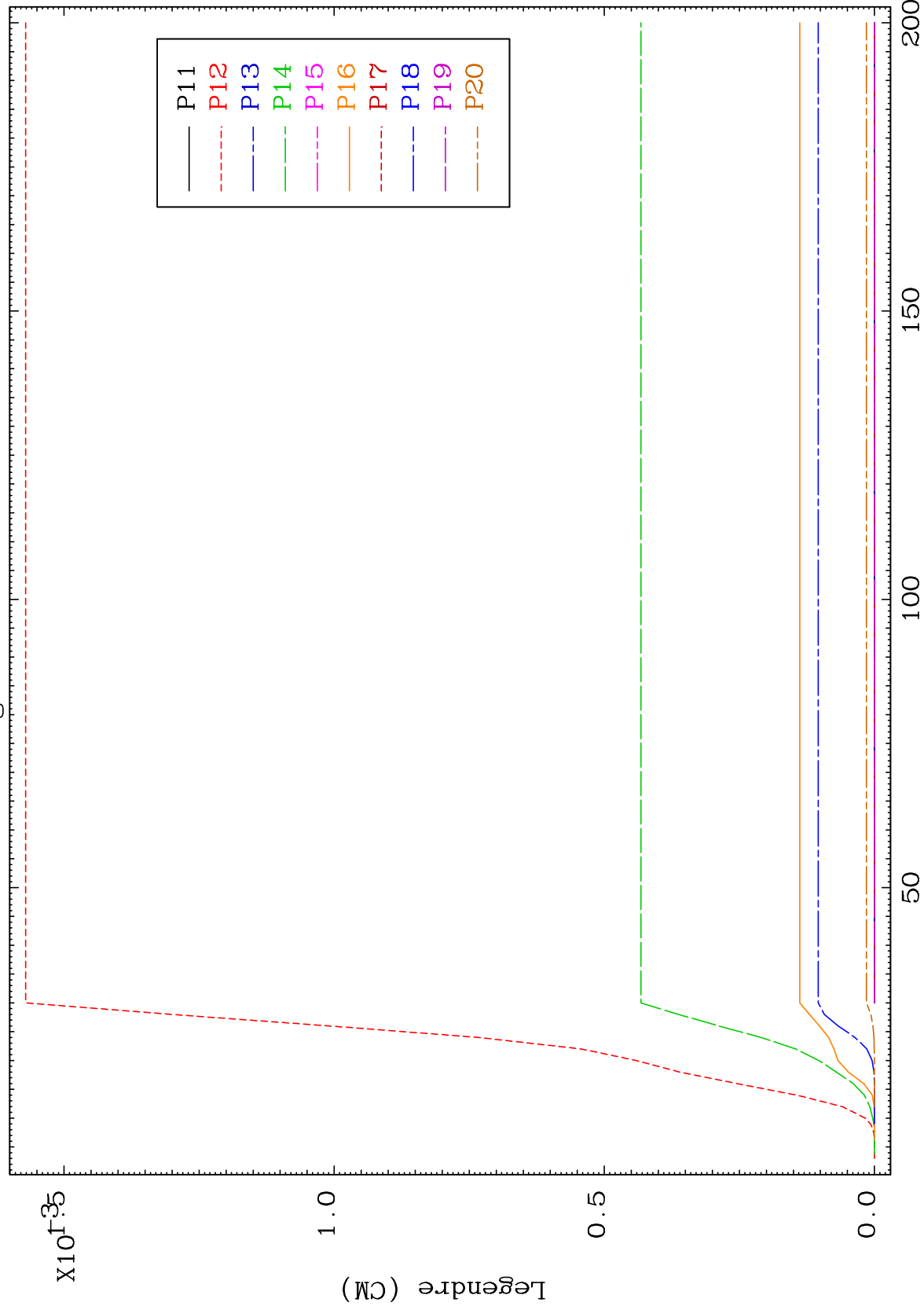




MAT 6292

MT= 66 (n,n') Level
Legendre Coefficients

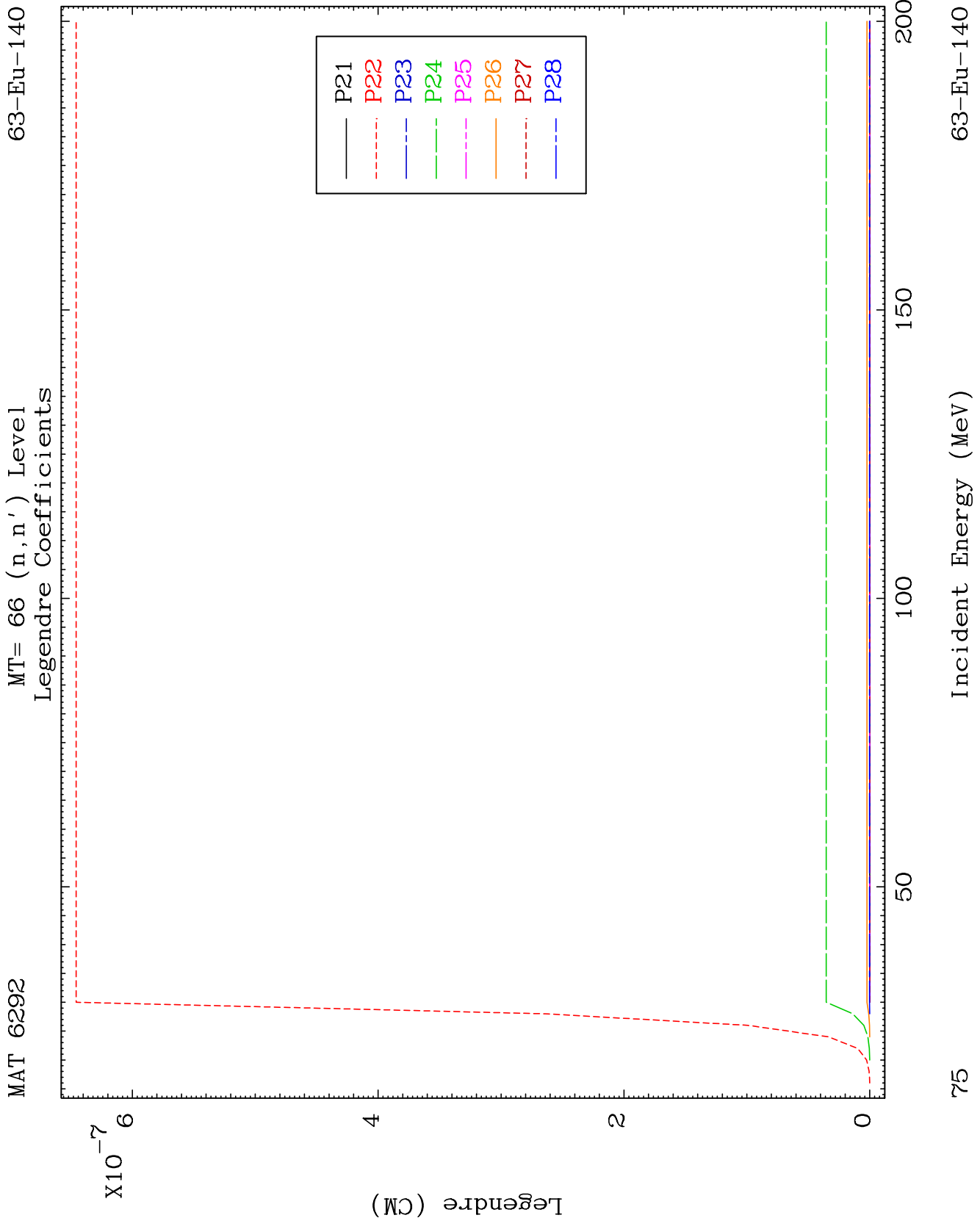
63-Eu-140



74

Incident Energy (MeV)

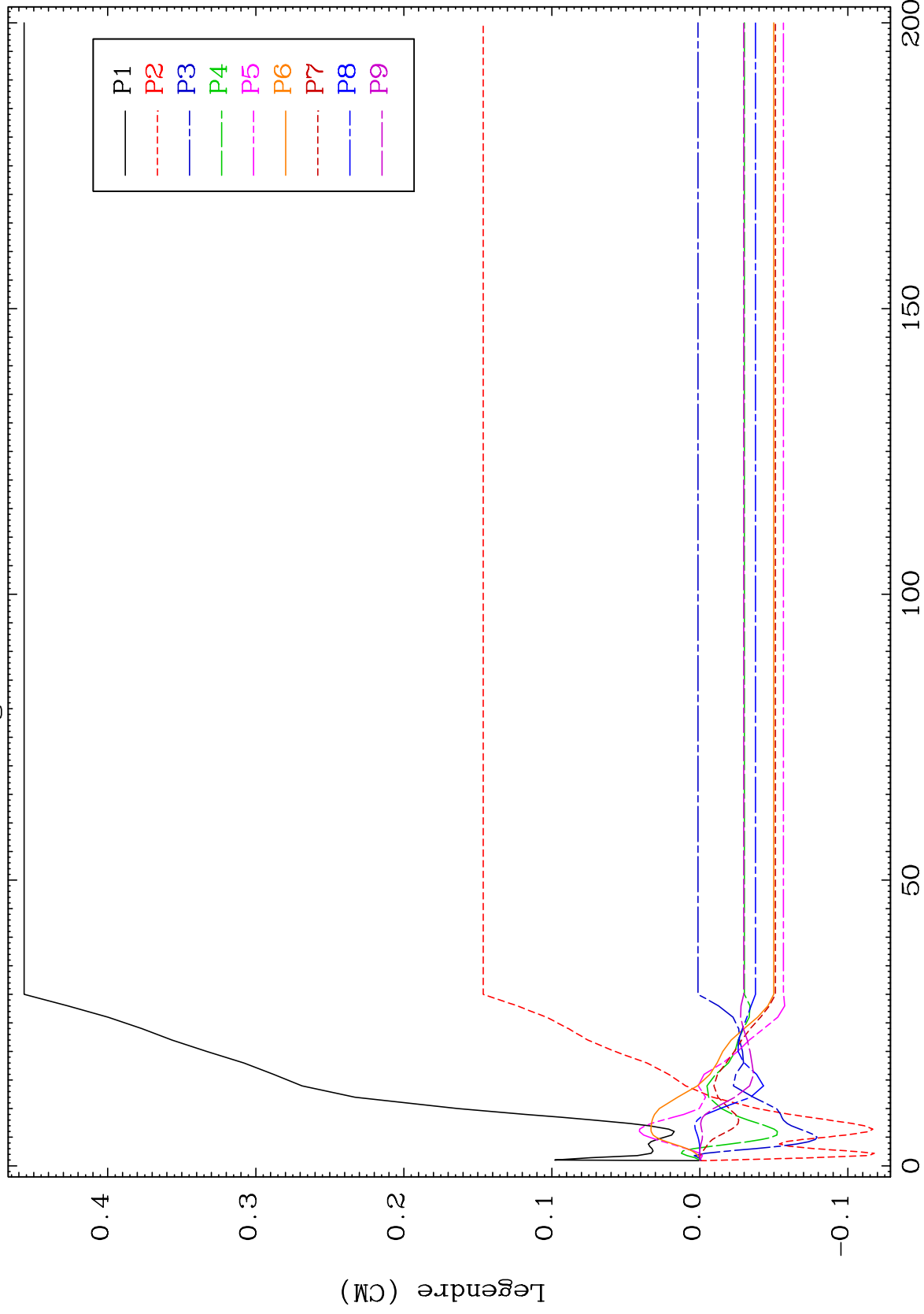
63-Eu-140



MAT 6292

MT= 67 (n,n') Level
Legendre Coefficients

63-Eu-140



76

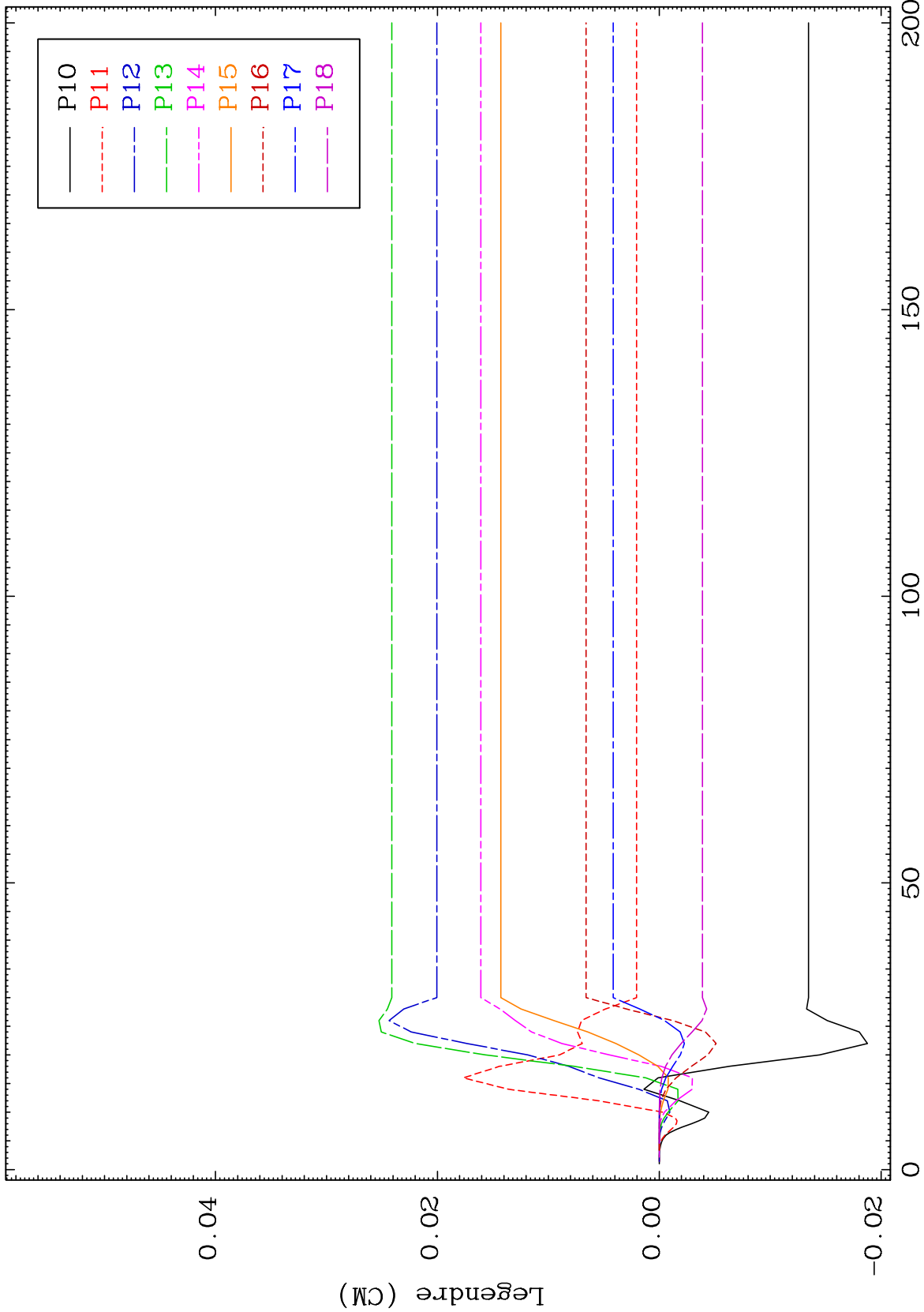
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 67 (n,n') Level
Legendre Coefficients

63-Eu-140



77

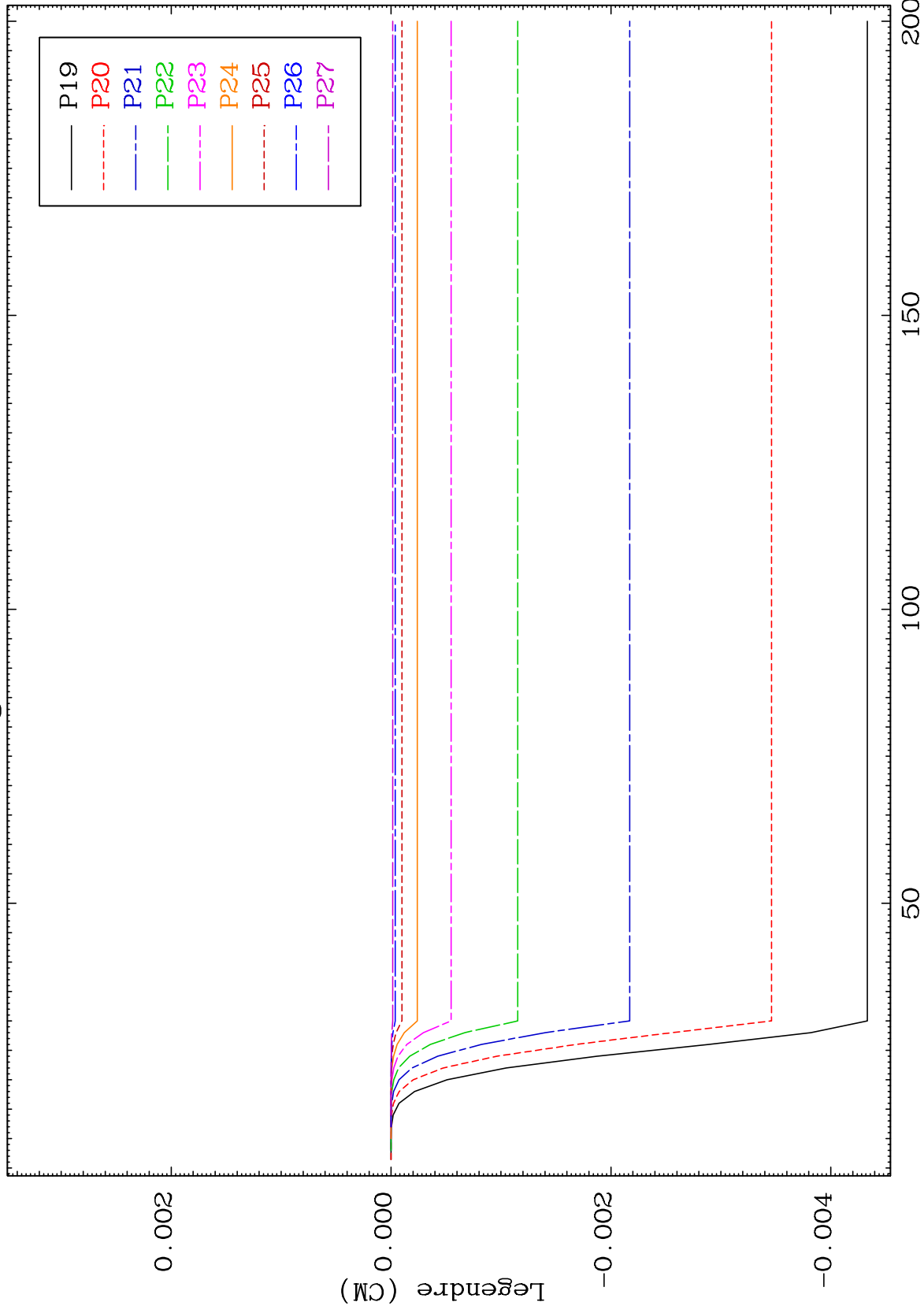
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 67 (n,n') Level
Legendre Coefficients

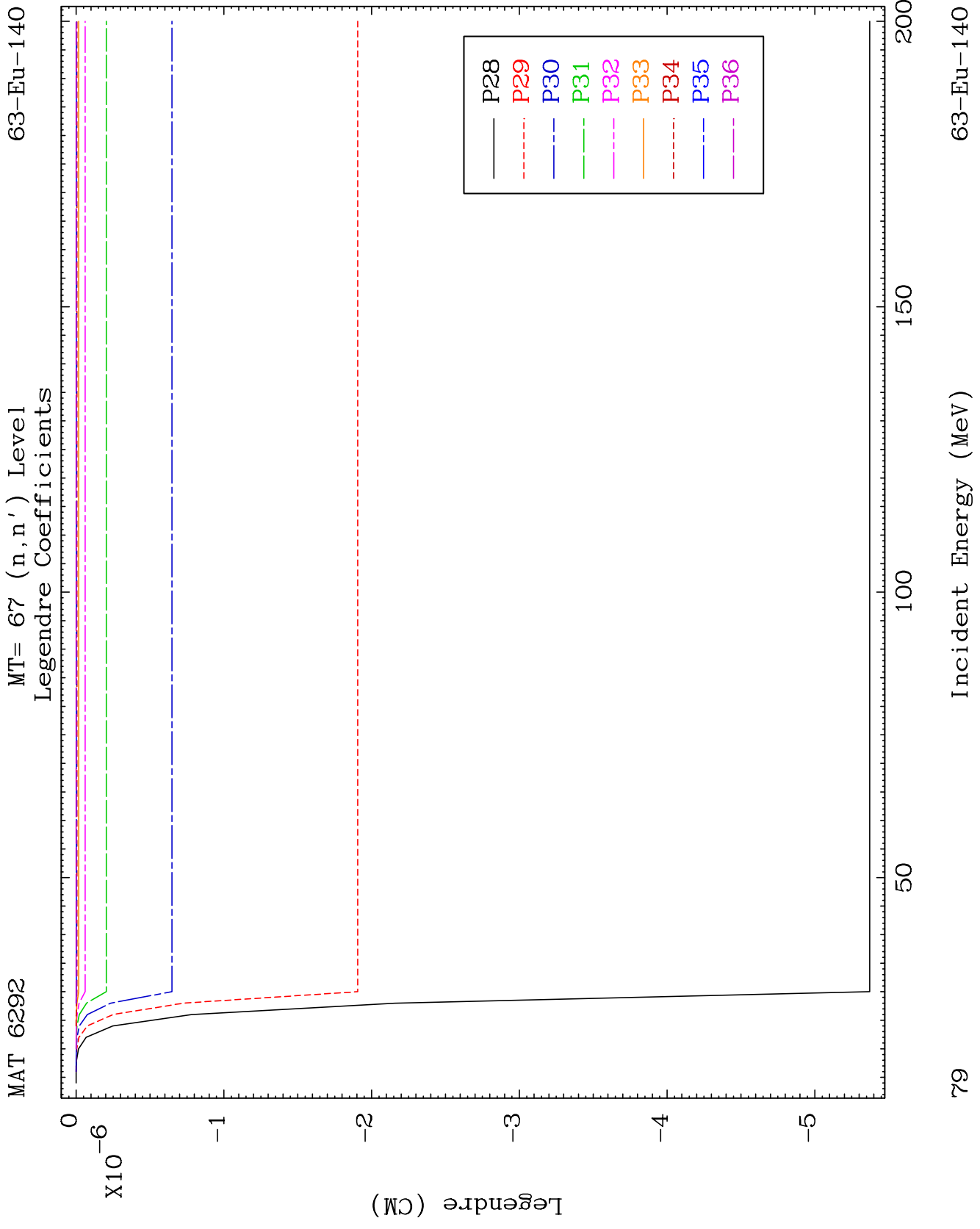
63-Eu-140

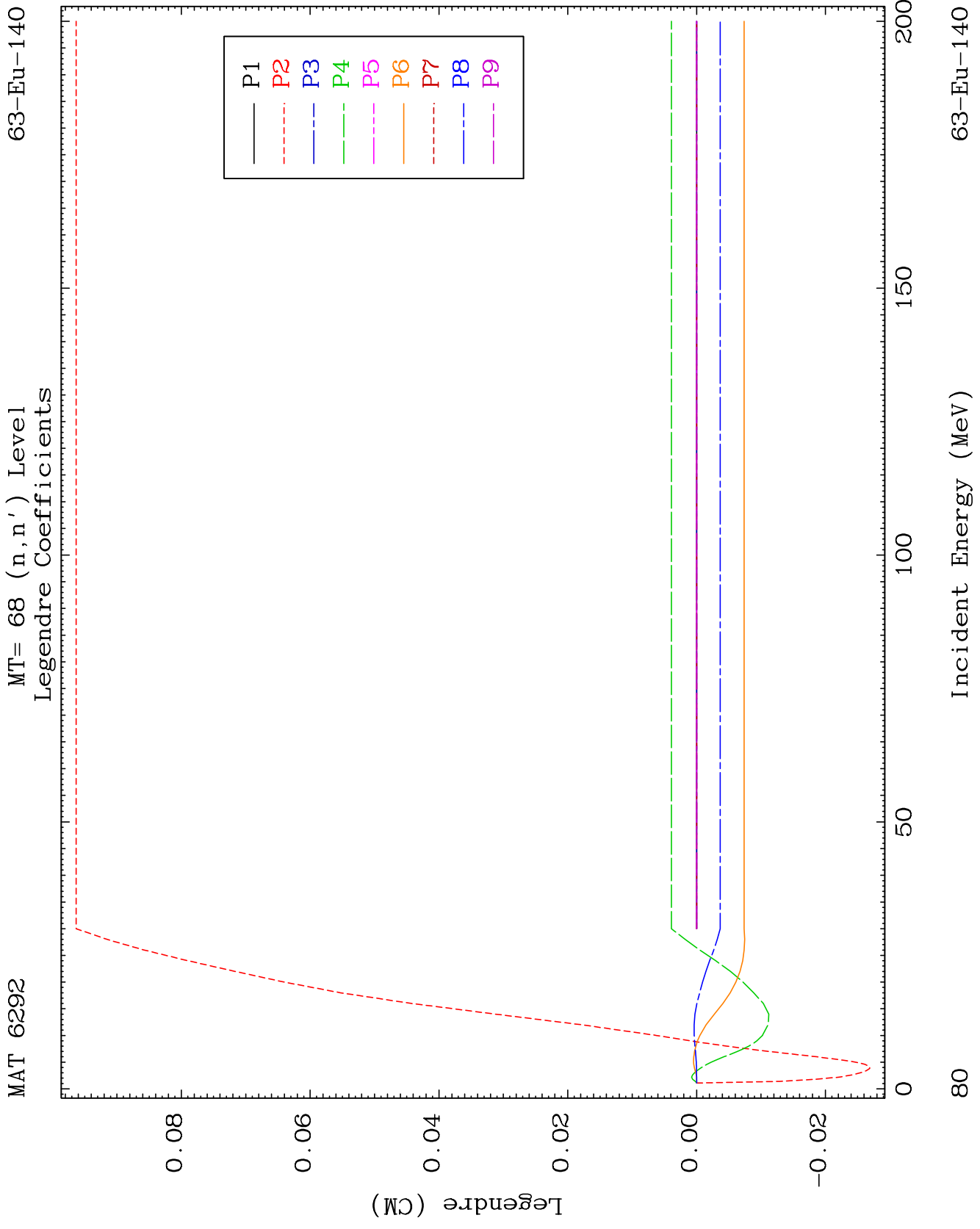


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Incident Energy (MeV)

63-Eu-140

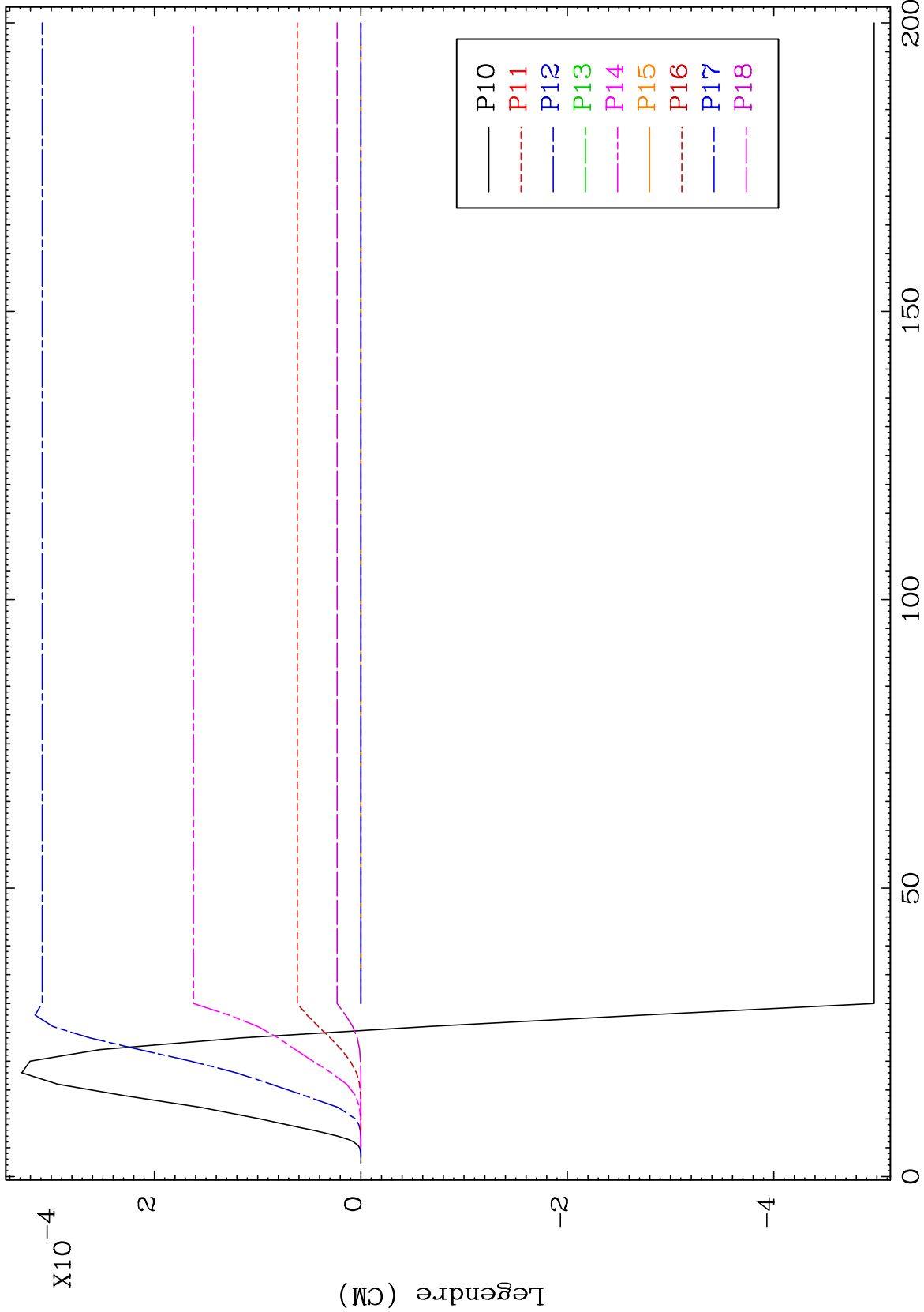




MAT 6292

MT= 68 (n,n') Level
Legendre Coefficients

63-Eu-140



81

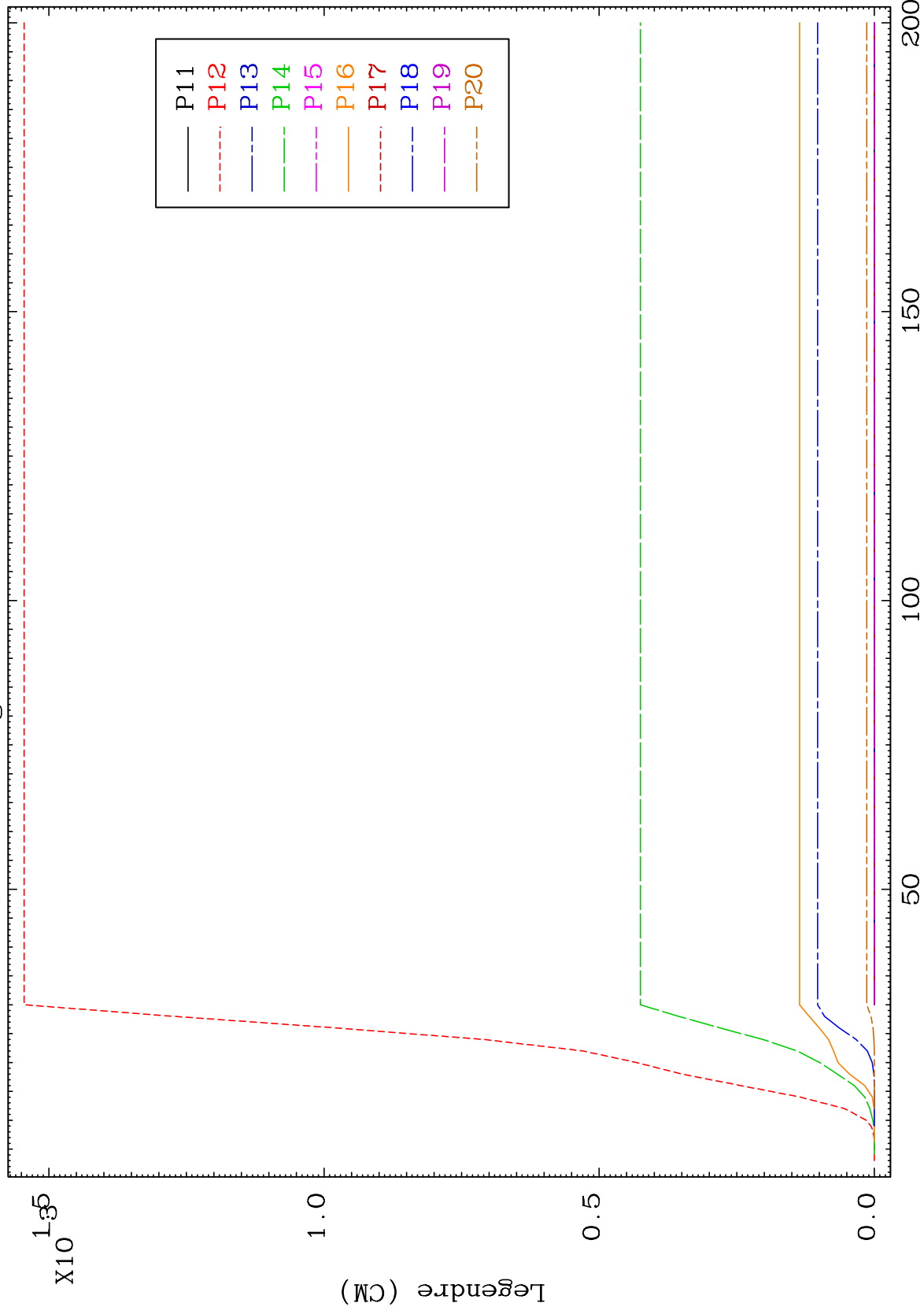
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 69 (n,n') Level
Legendre Coefficients

63-Eu-140



84

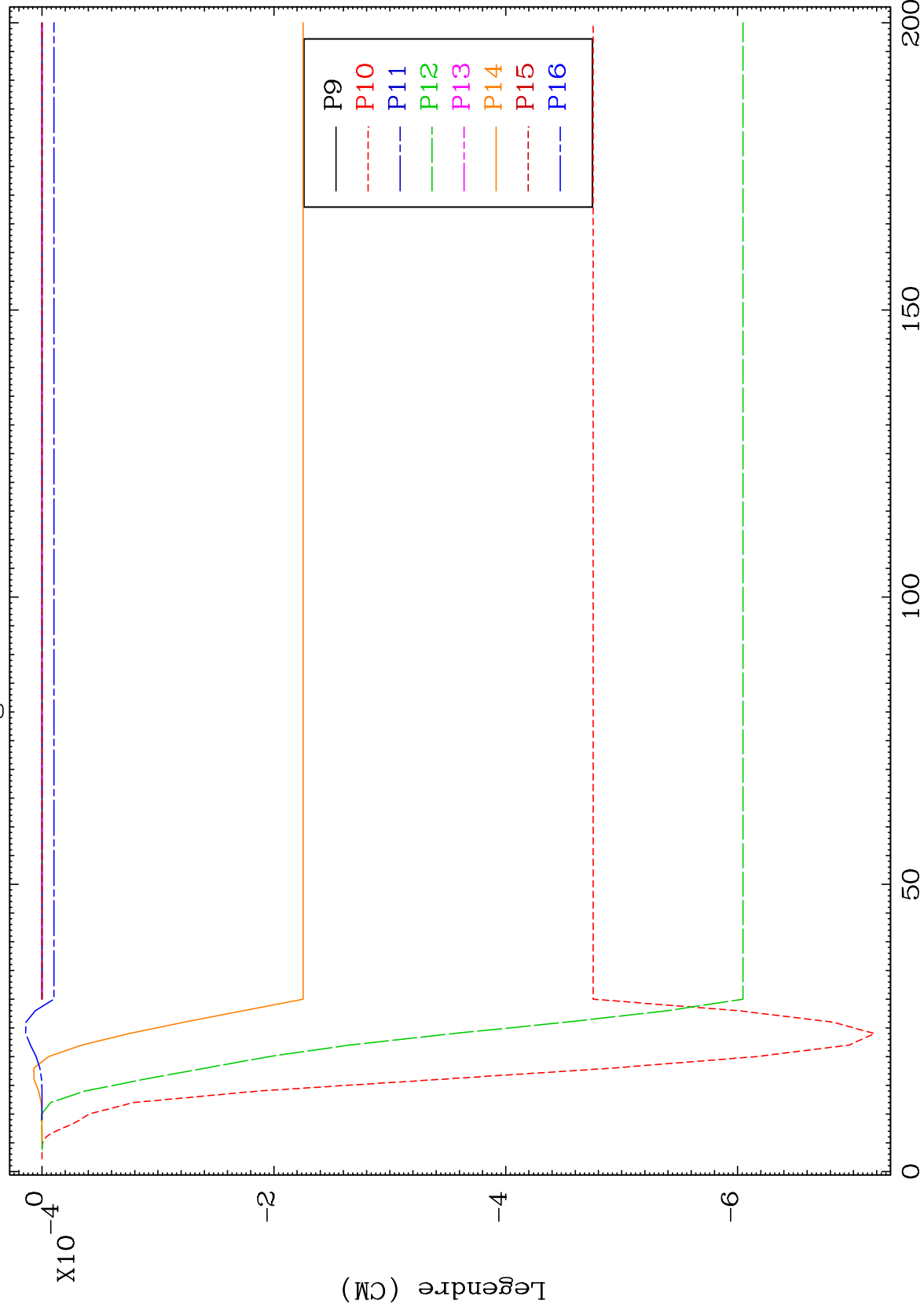
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 70 (n,n') Level
Legendre Coefficients

63-Eu-140



87

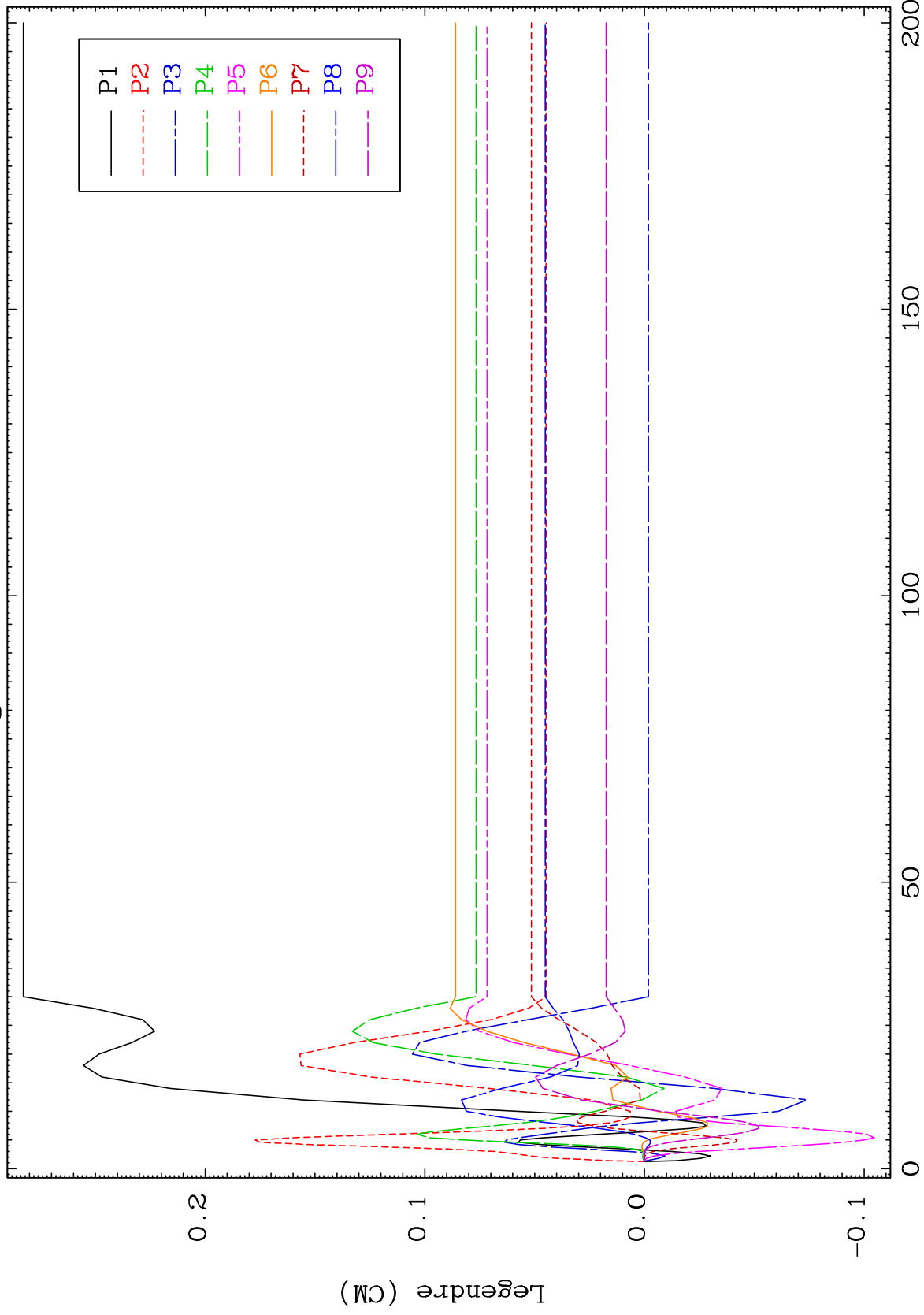
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 71 (n,n') Level
Legendre Coefficients

63-Eu-140



89

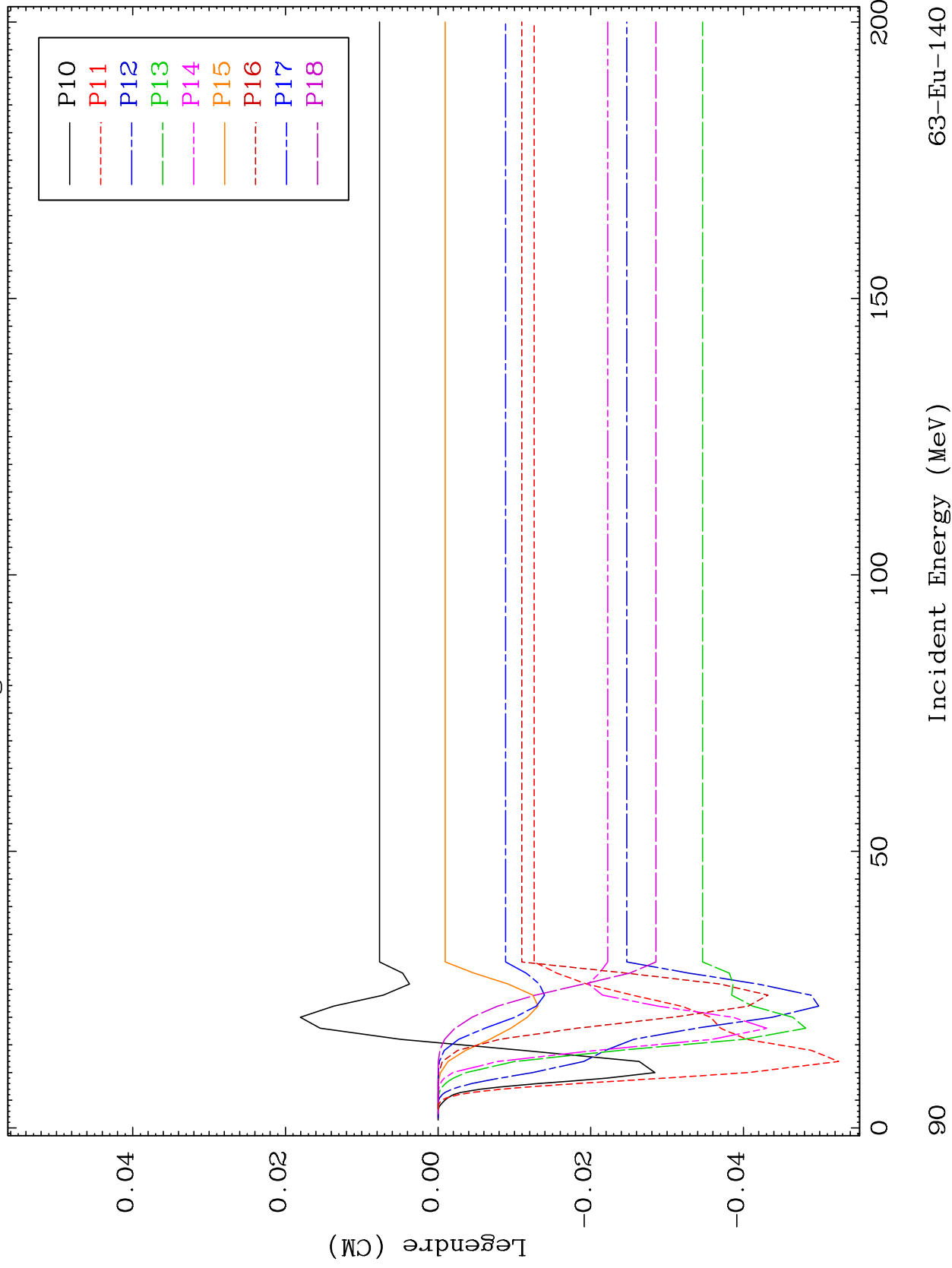
Incident Energy (MeV)

63-Eu-140

MAT 6292

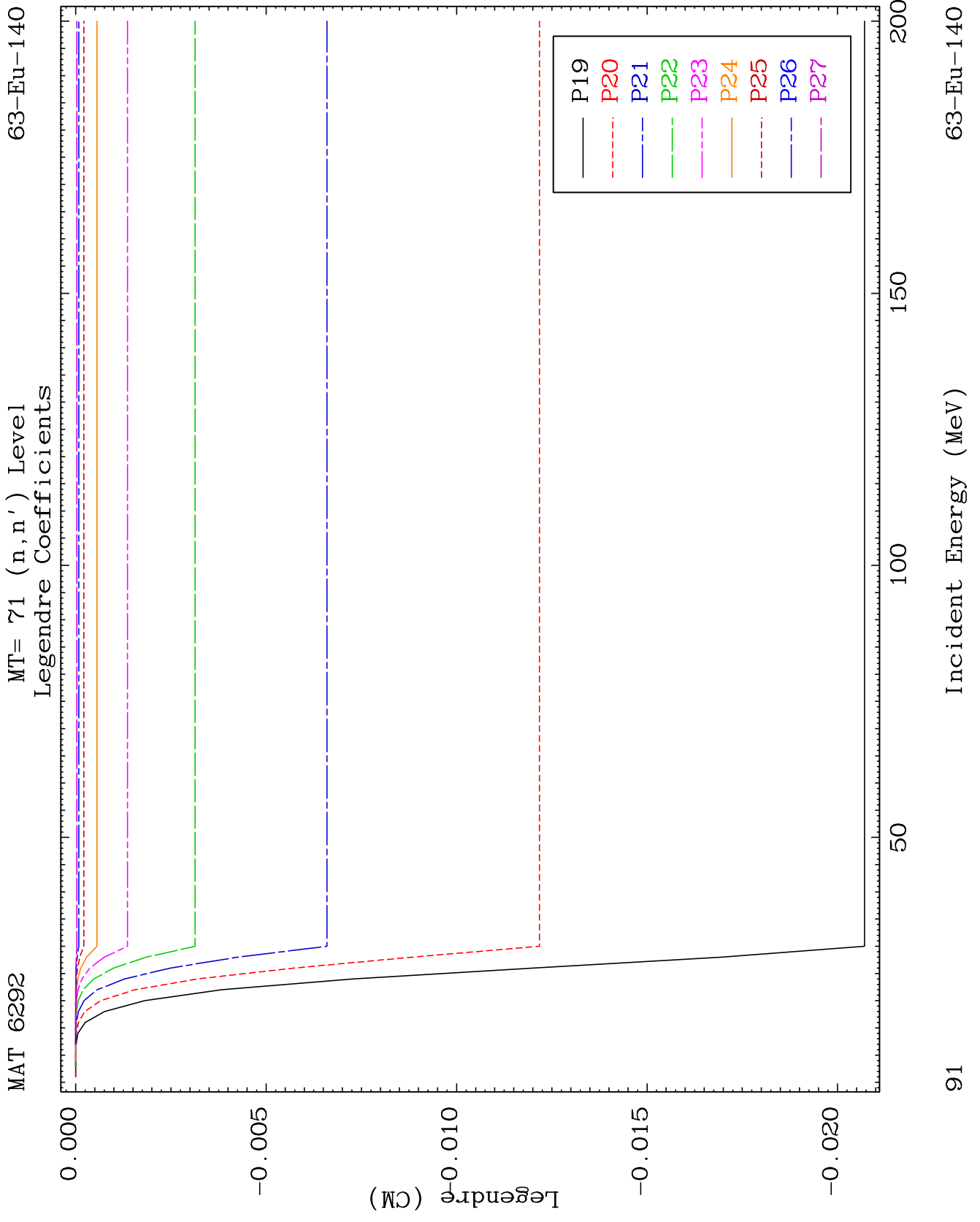
MT= 71 (n,n') Level
Legendre Coefficients

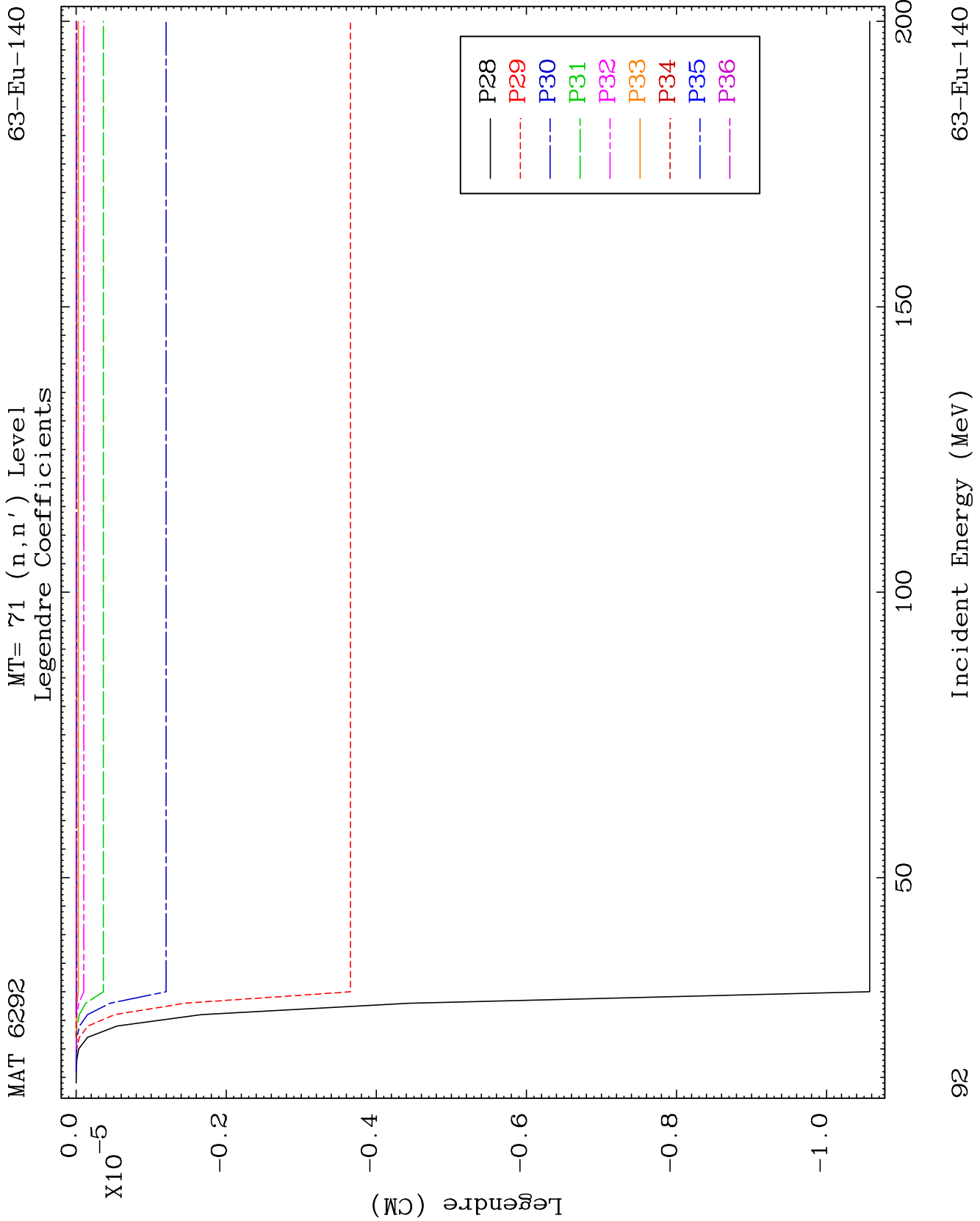
63-Eu-140



63-Eu-140

Incident Energy (MeV)

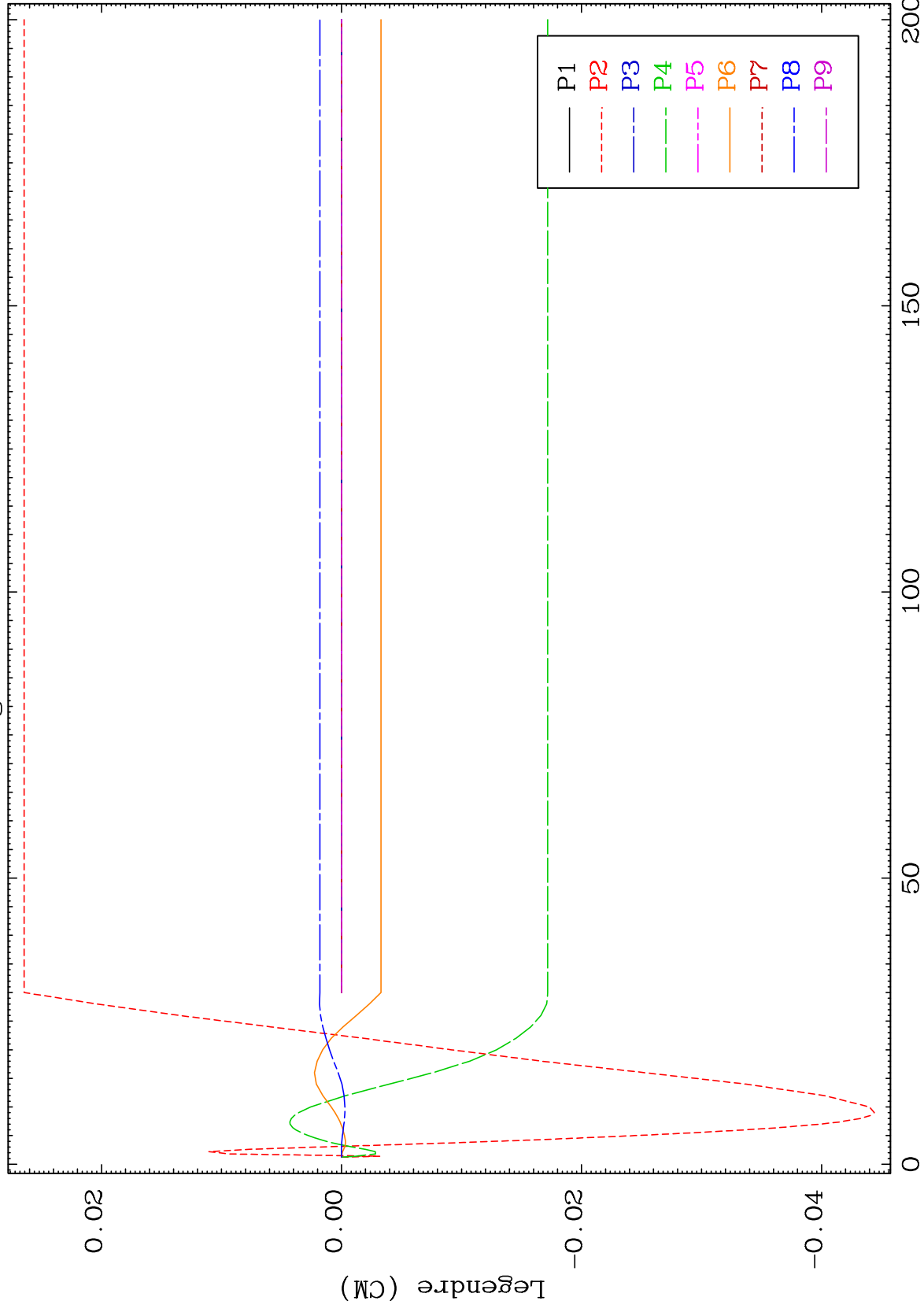




MAT 6292

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-140



93

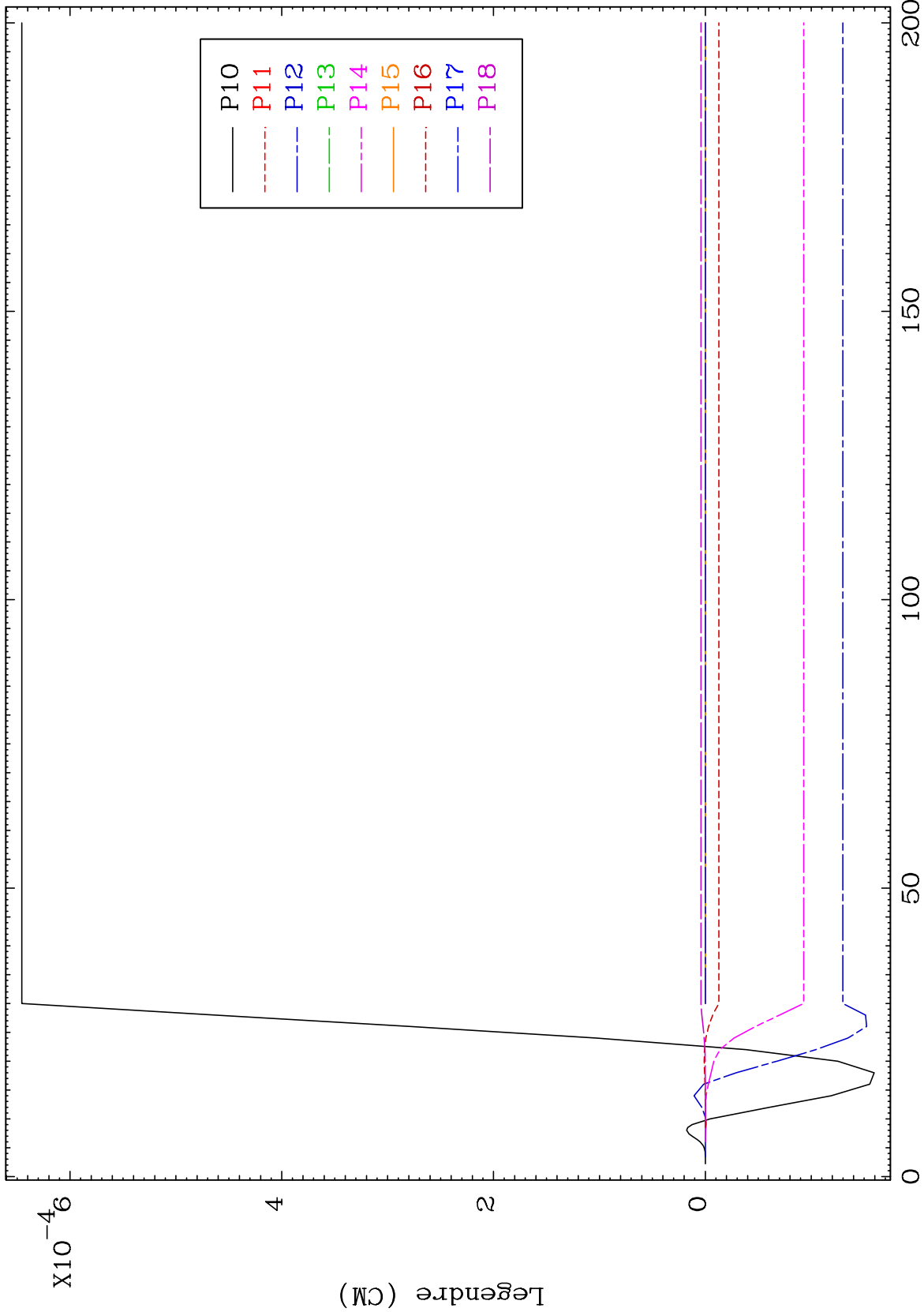
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-140



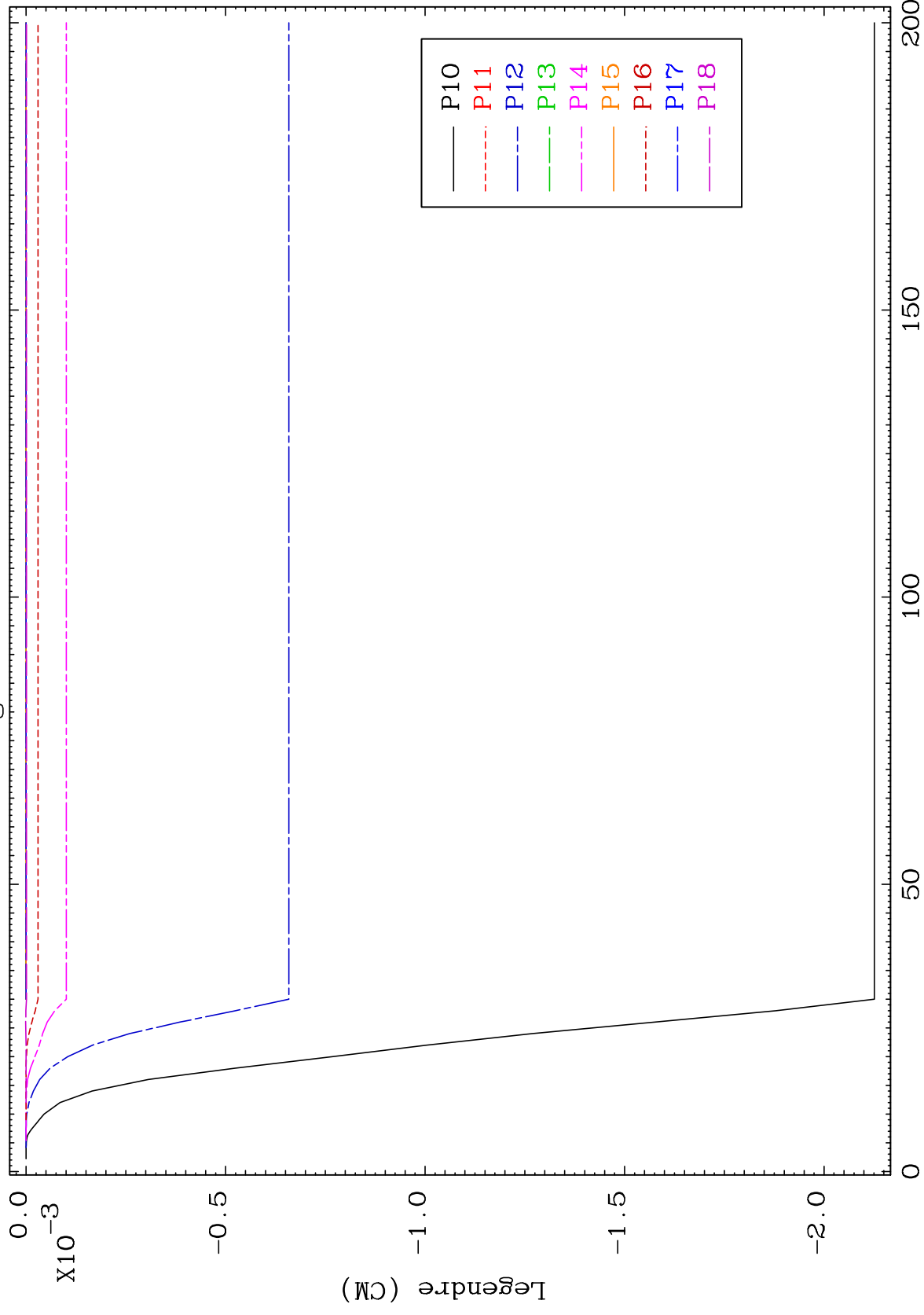
94

63-Eu-140

MAT 6292

MT= 73 (n,n') Level
Legendre Coefficients

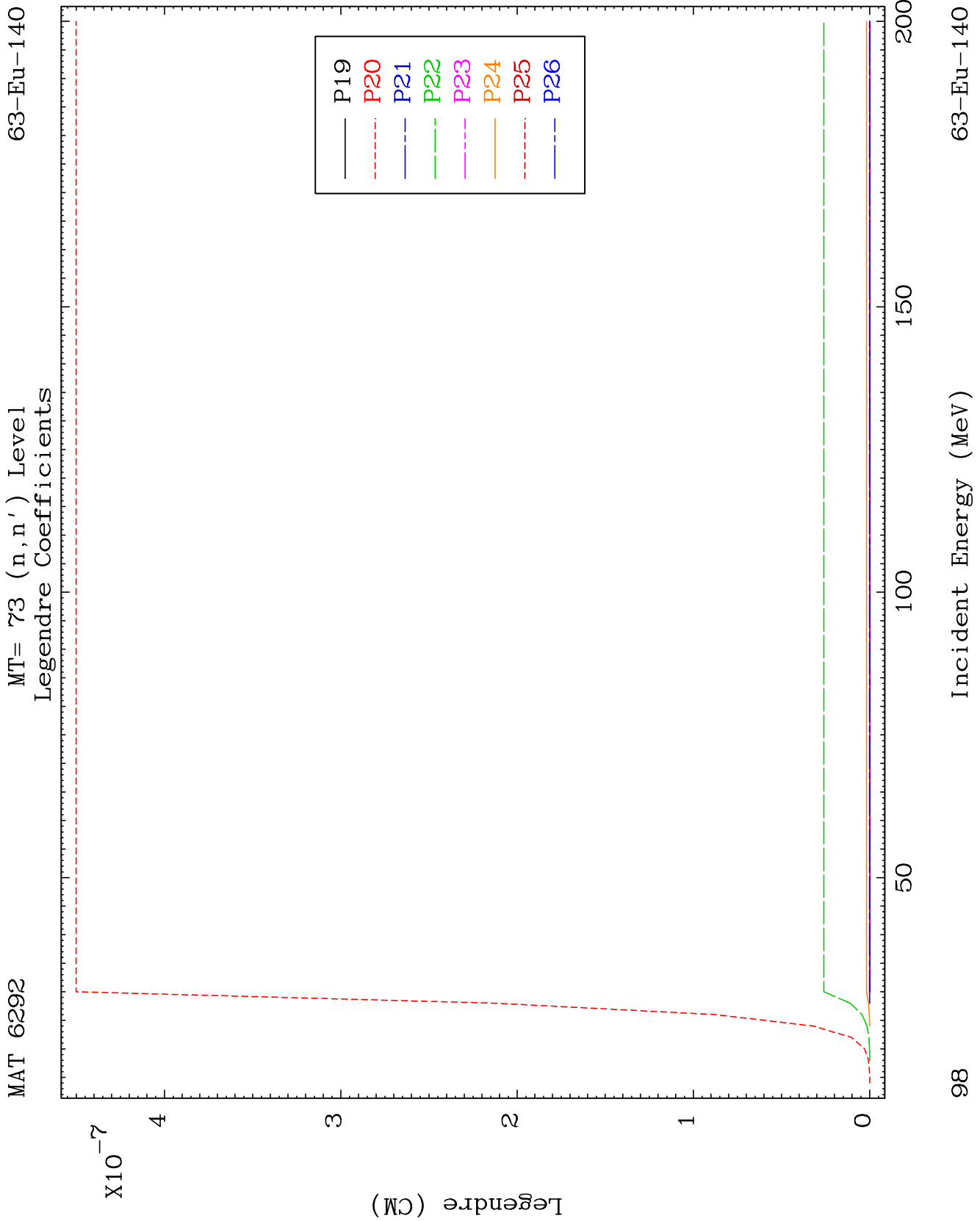
63-Eu-140



97

Incident Energy (MeV)

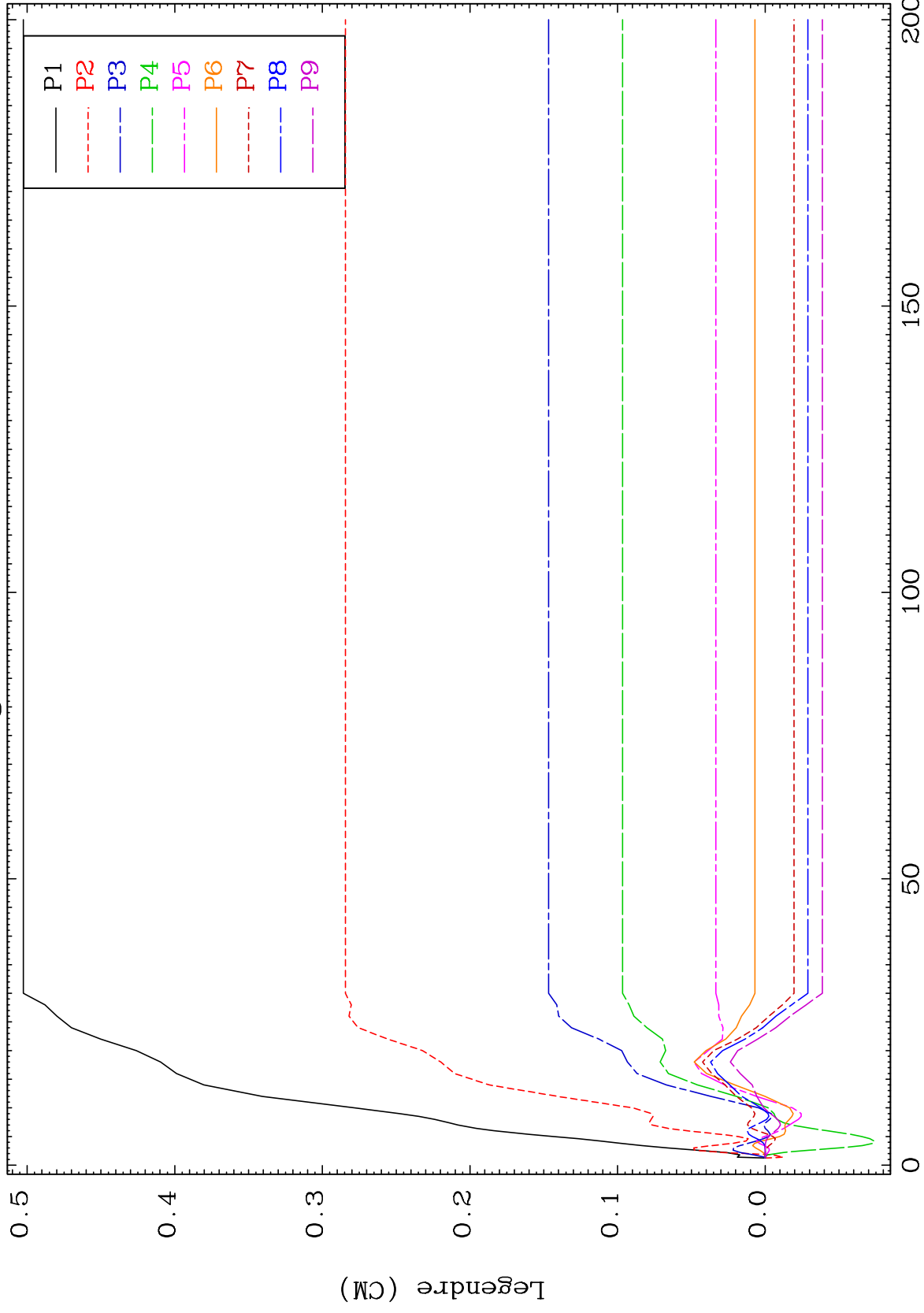
63-Eu-140



MAT 6292

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-140



99

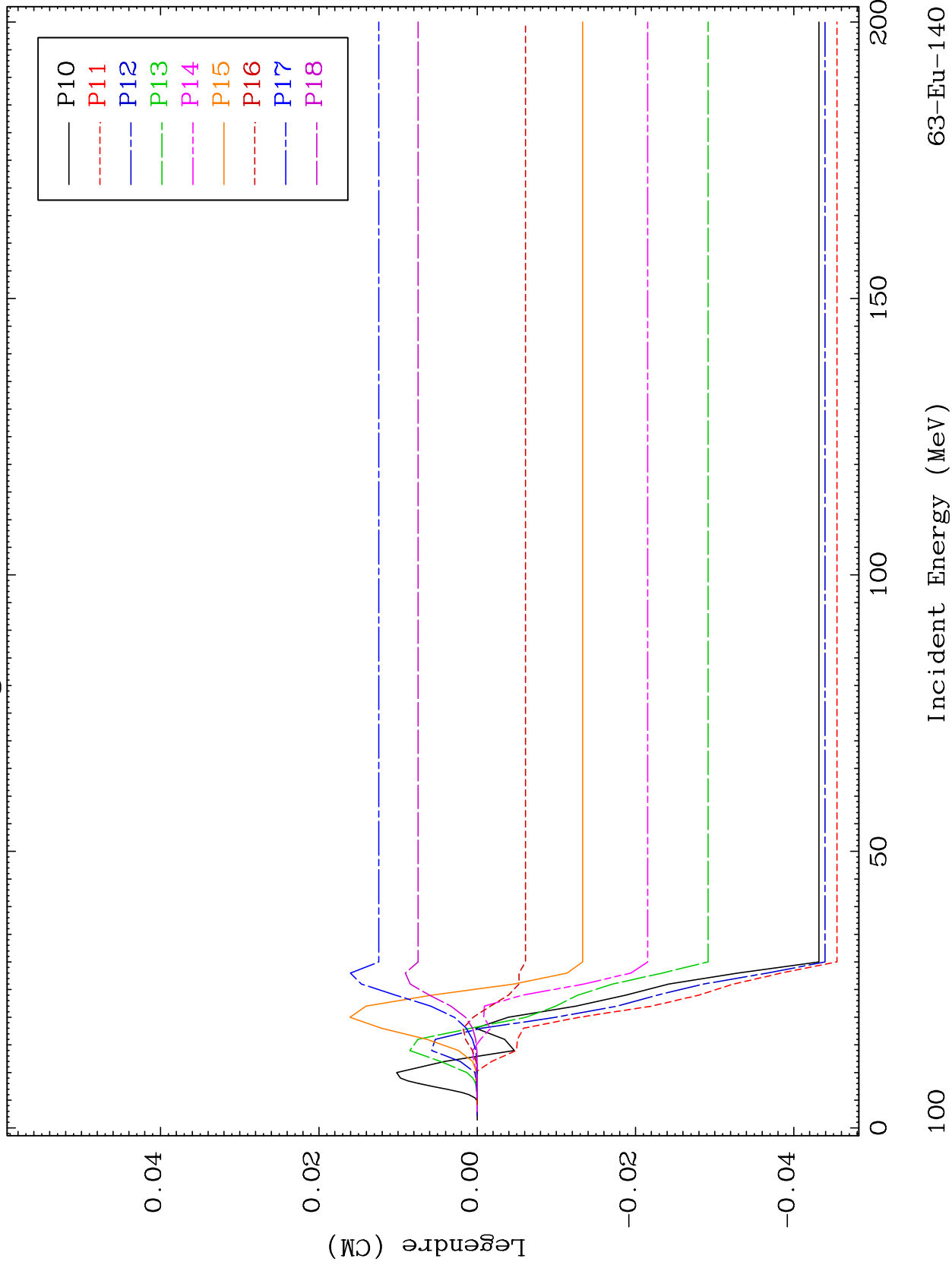
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-140



63-Eu-140

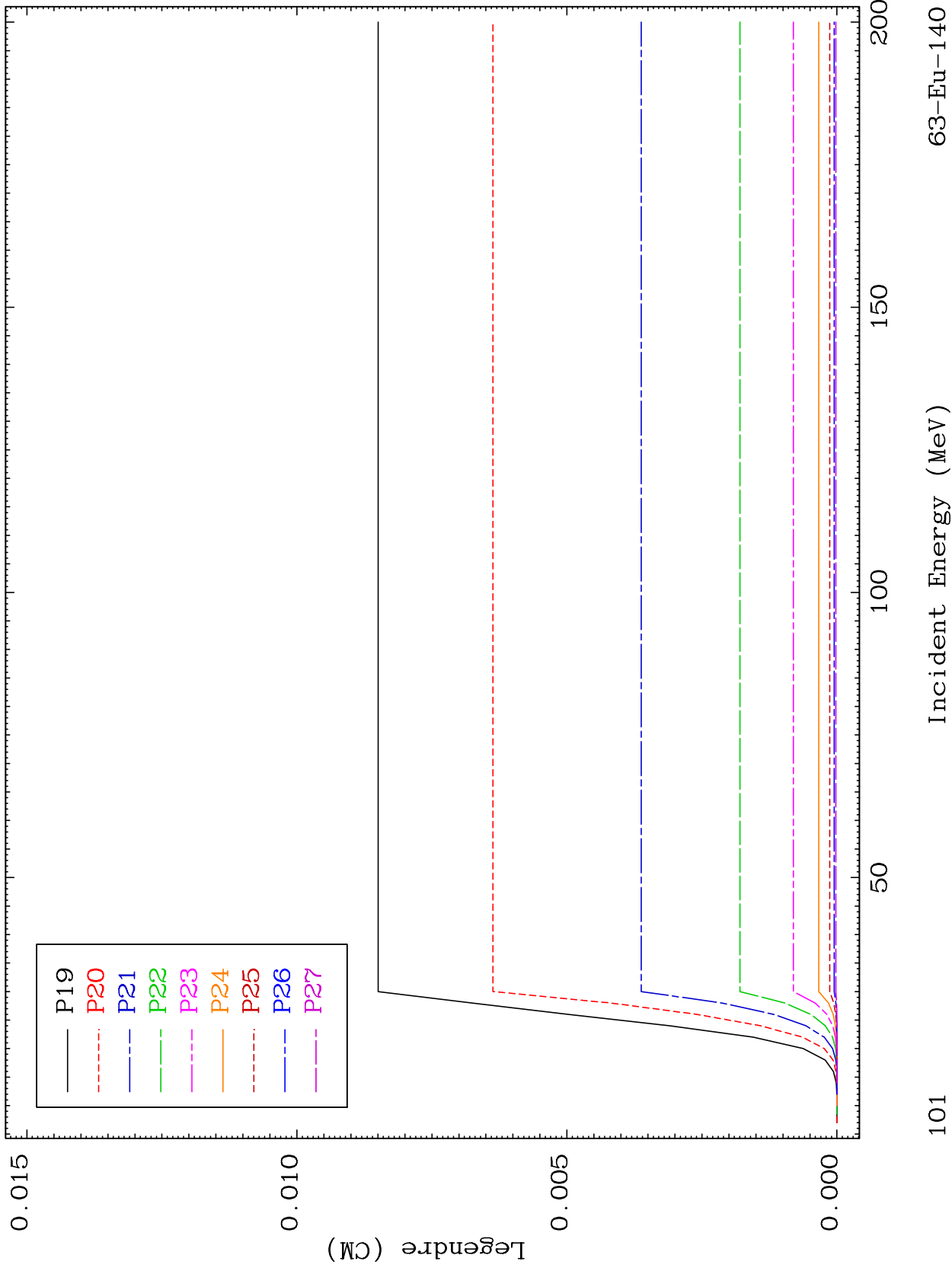
Incident Energy (MeV)

100

MAT 6292

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-140



101

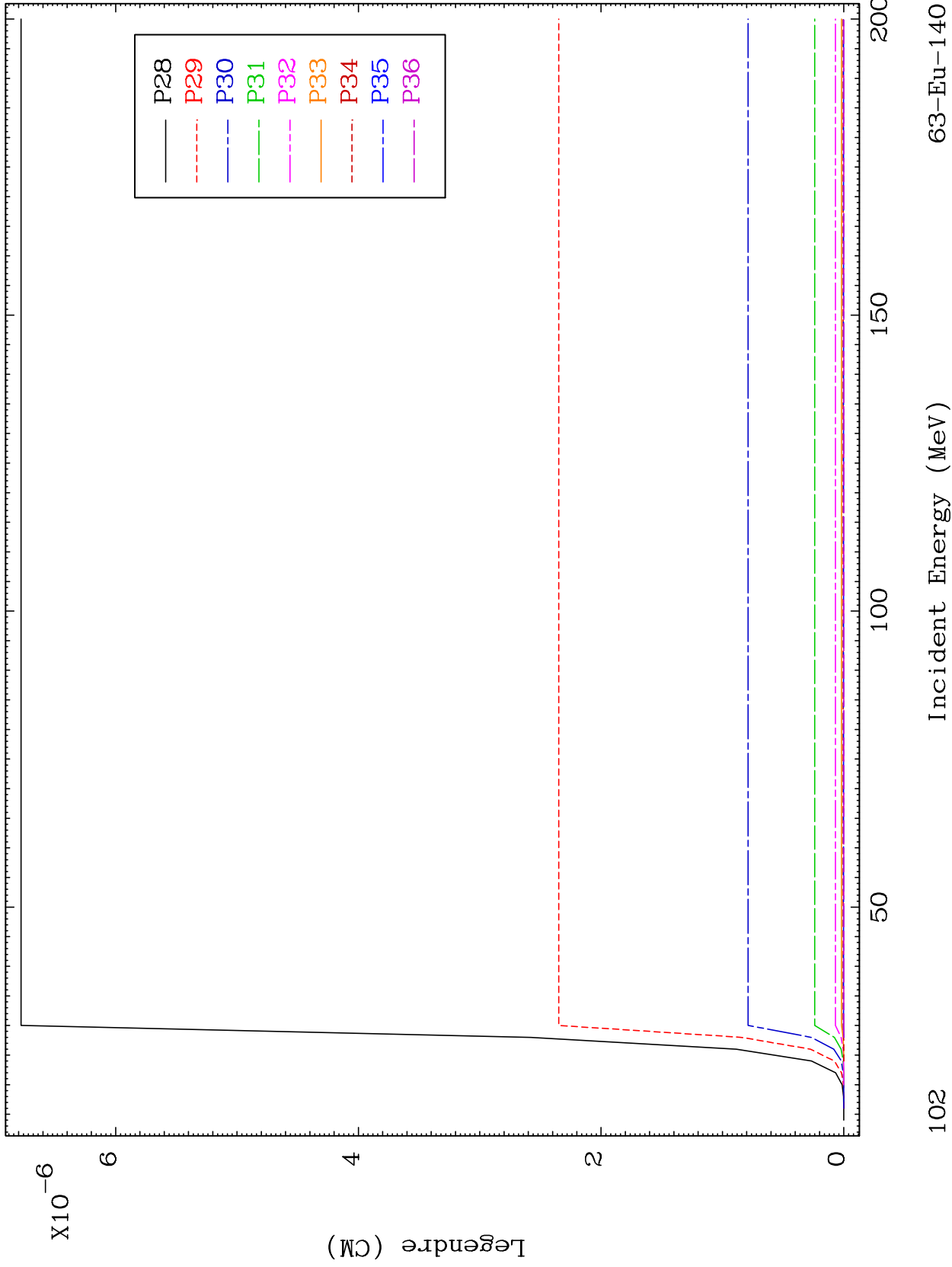
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 74 (n,n') Level
Legendre Coefficients

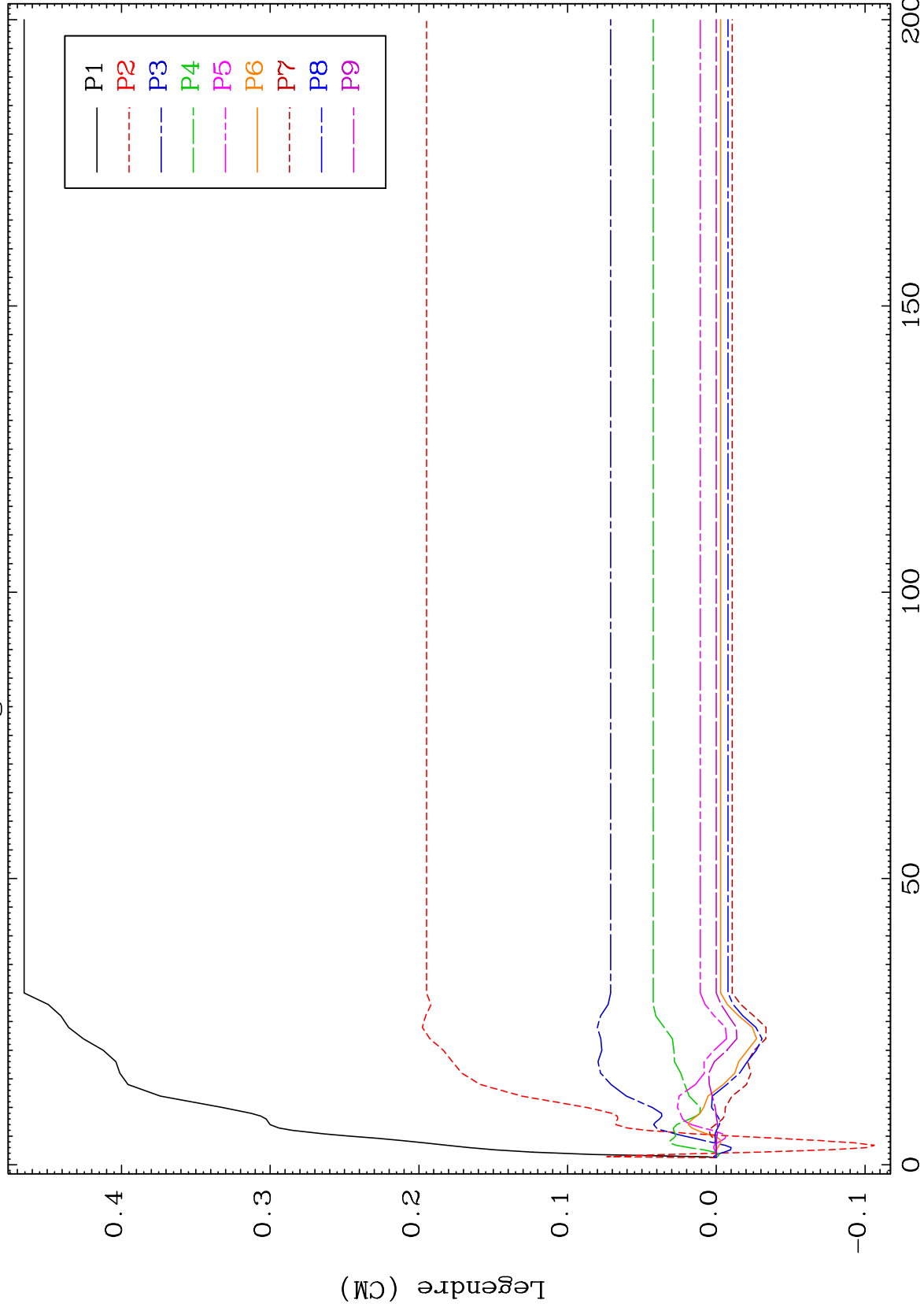
63-Eu-140



MAT 6292

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-140



63-Eu-140

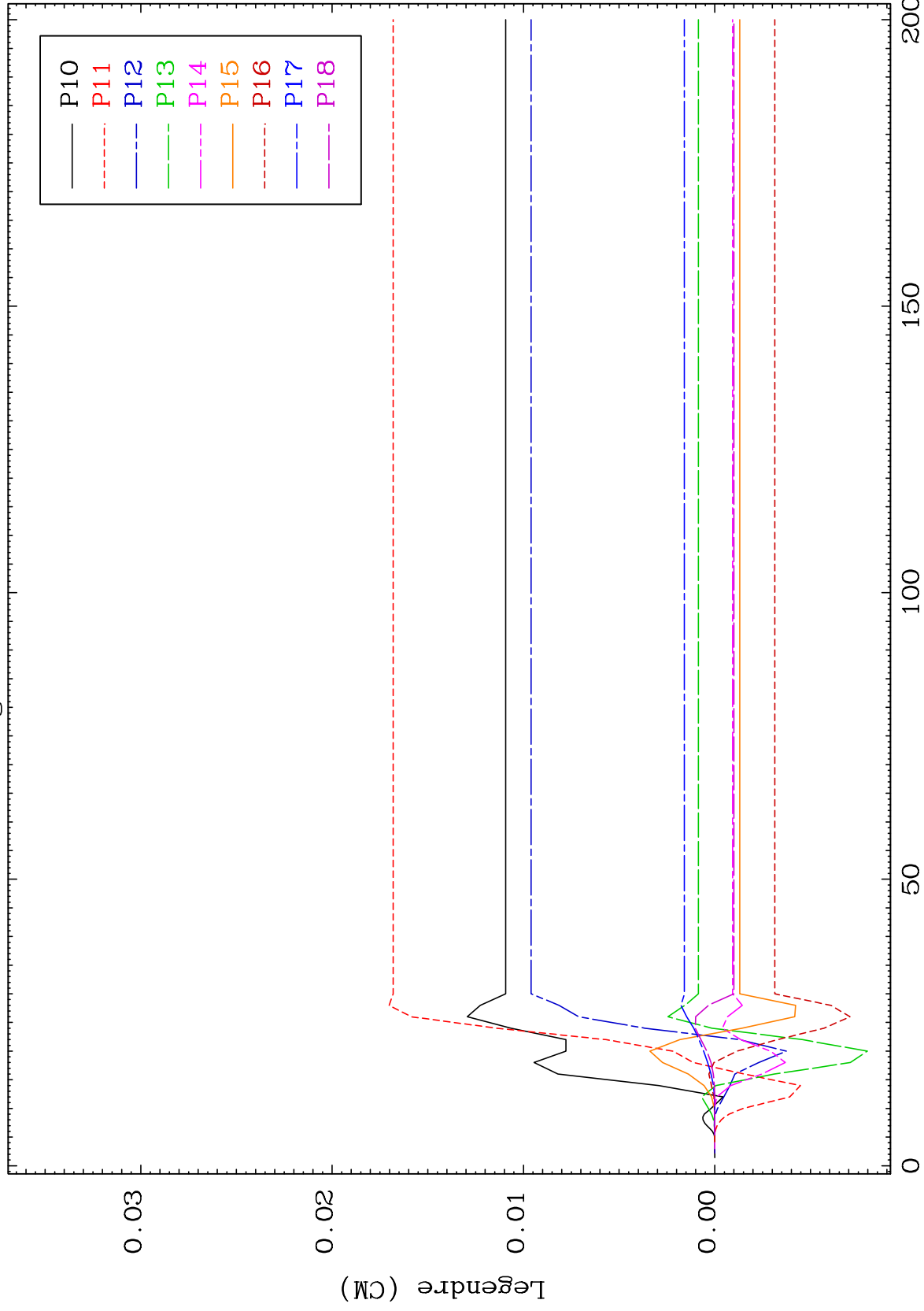
Incident Energy (MeV)

103

MAT 6292

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-140



104

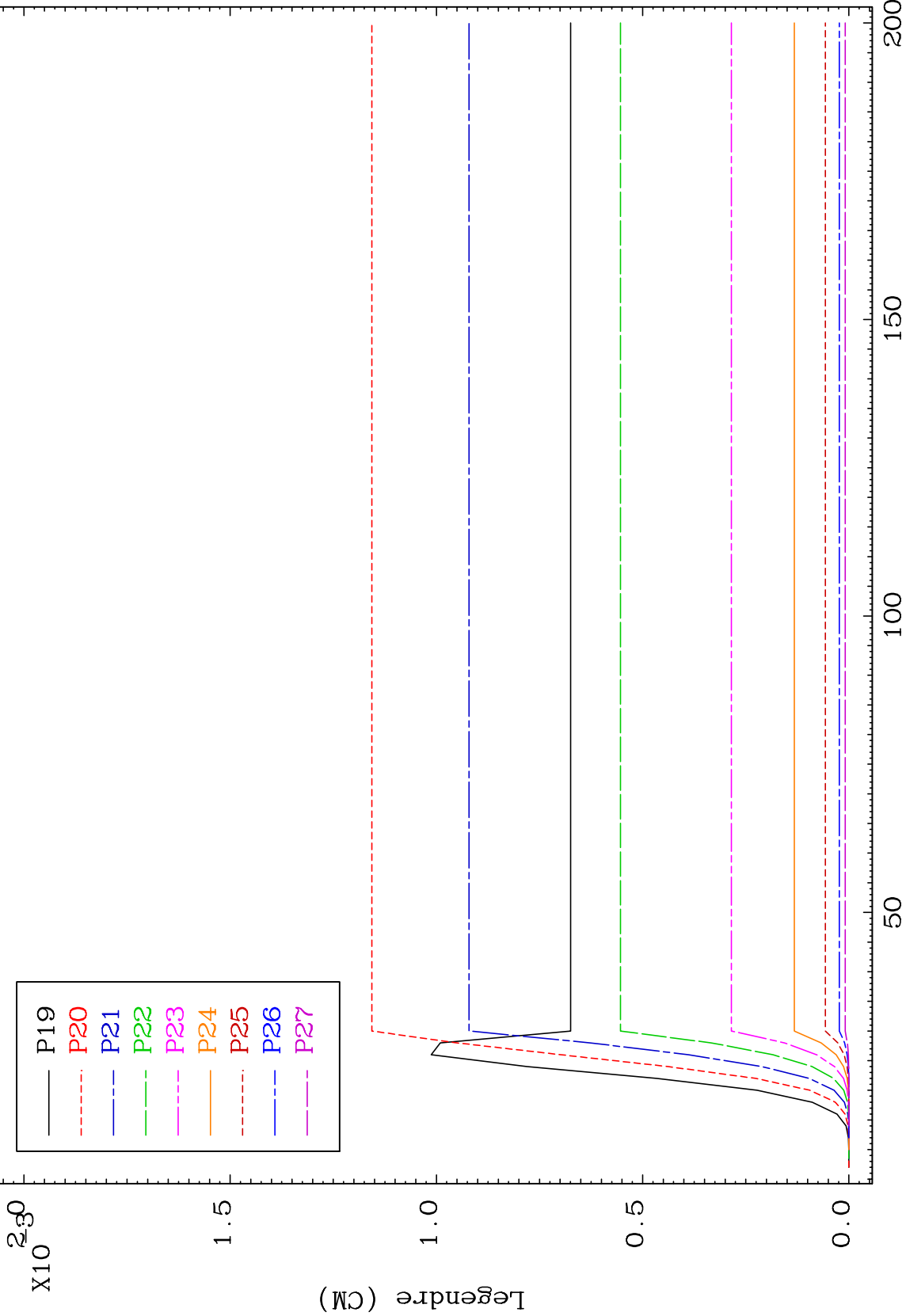
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-140



105

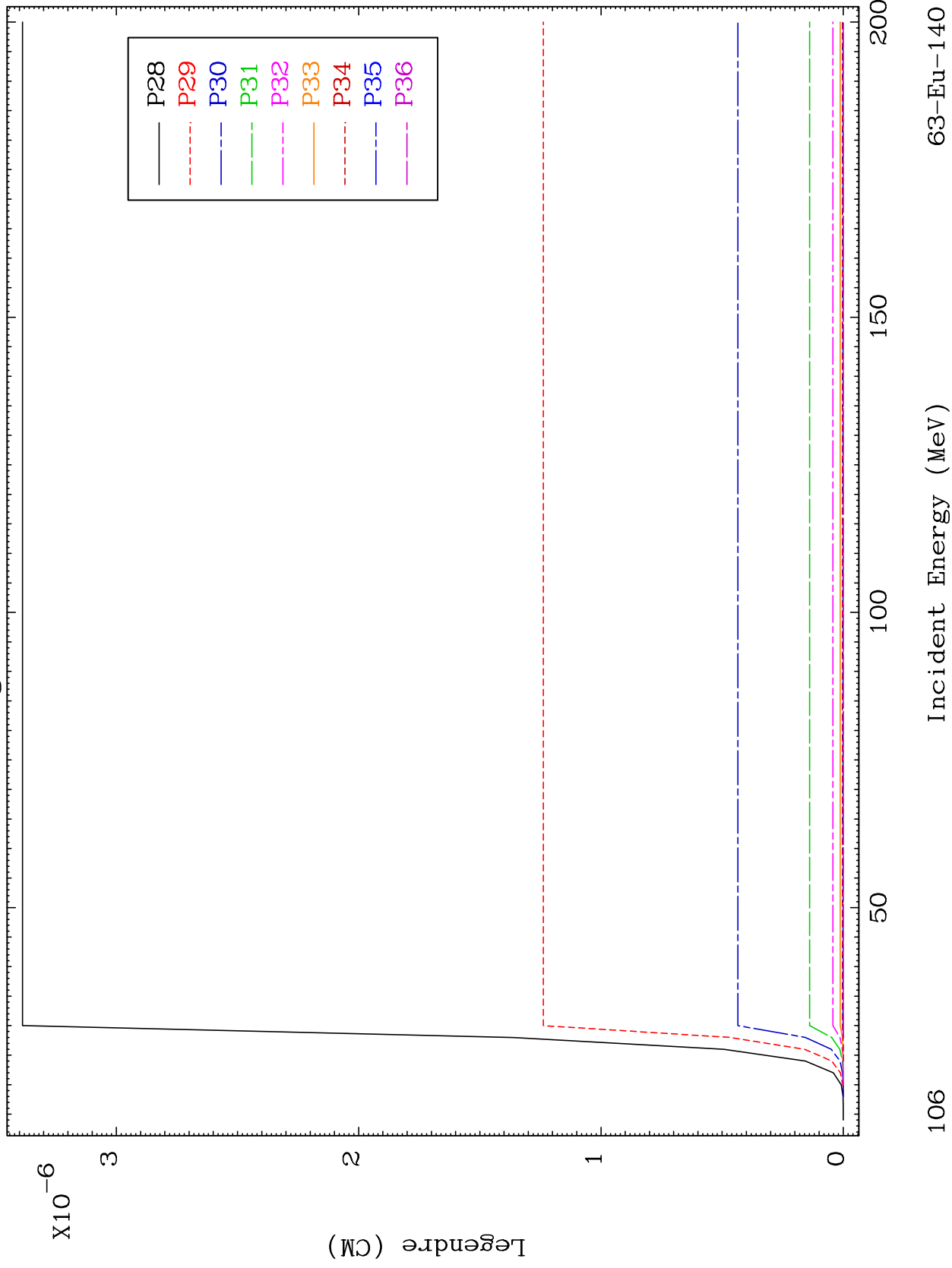
Incident Energy (MeV)

63-Eu-140

MAT 6292

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-140



106

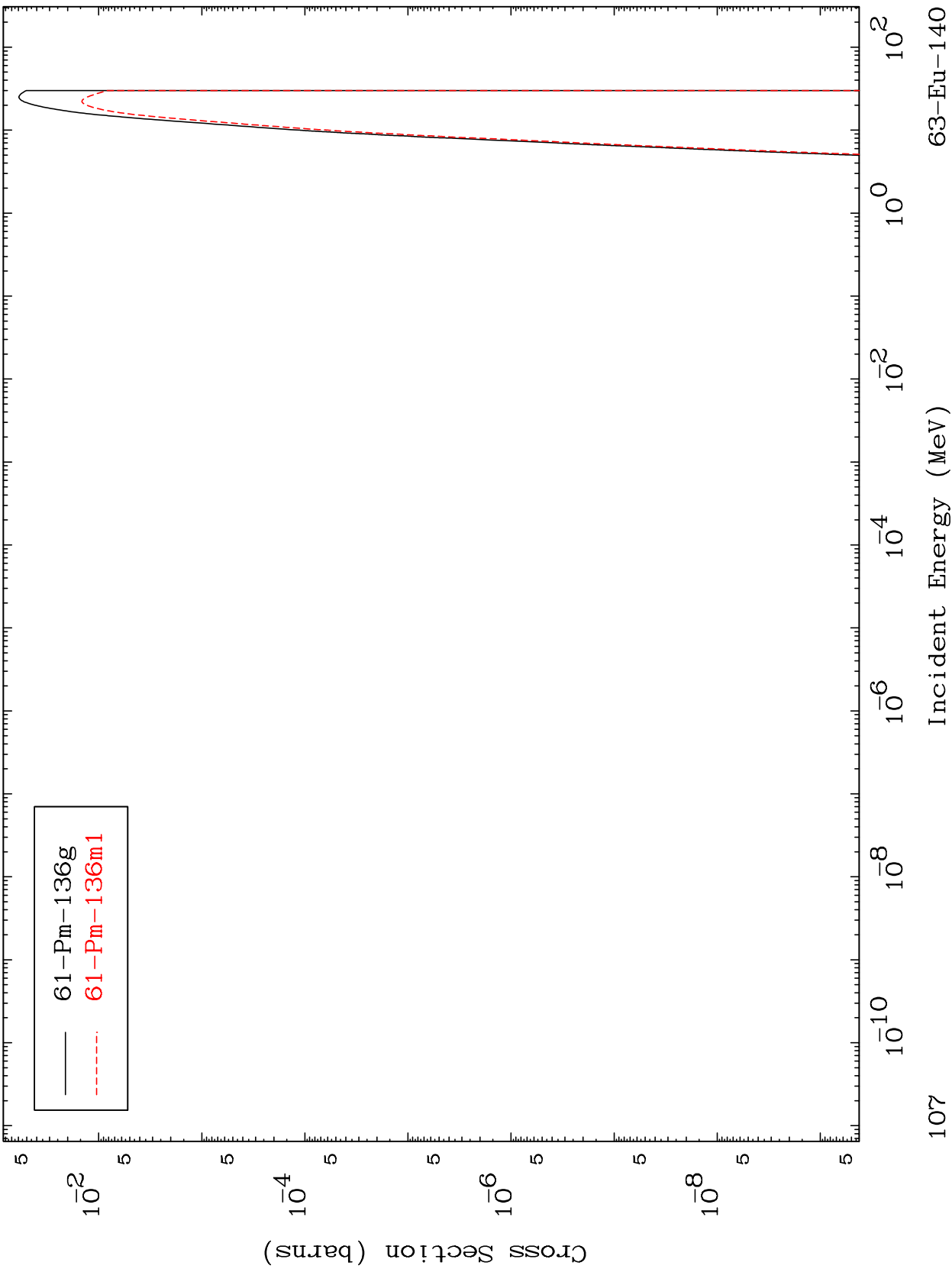
63-Eu-140

MAT 6292

$(n, n') \alpha$

63-Eu-140

Radionuclide Production Cross Section



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

107

Incident Energy (MeV)

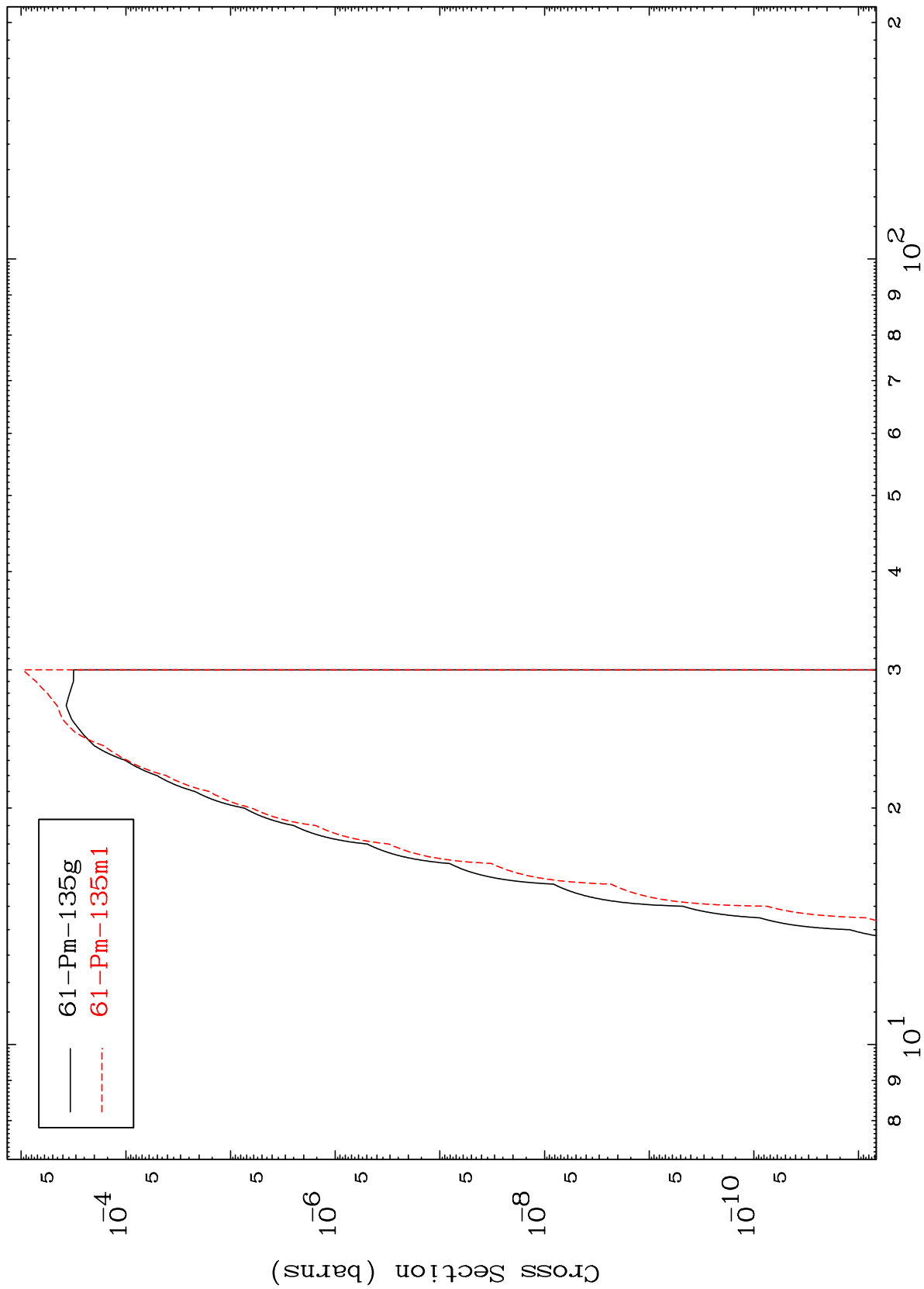
63-Eu-140

MAT 6292

(n,2n) α

63-Eu-140

Radionuclide Production Cross Section

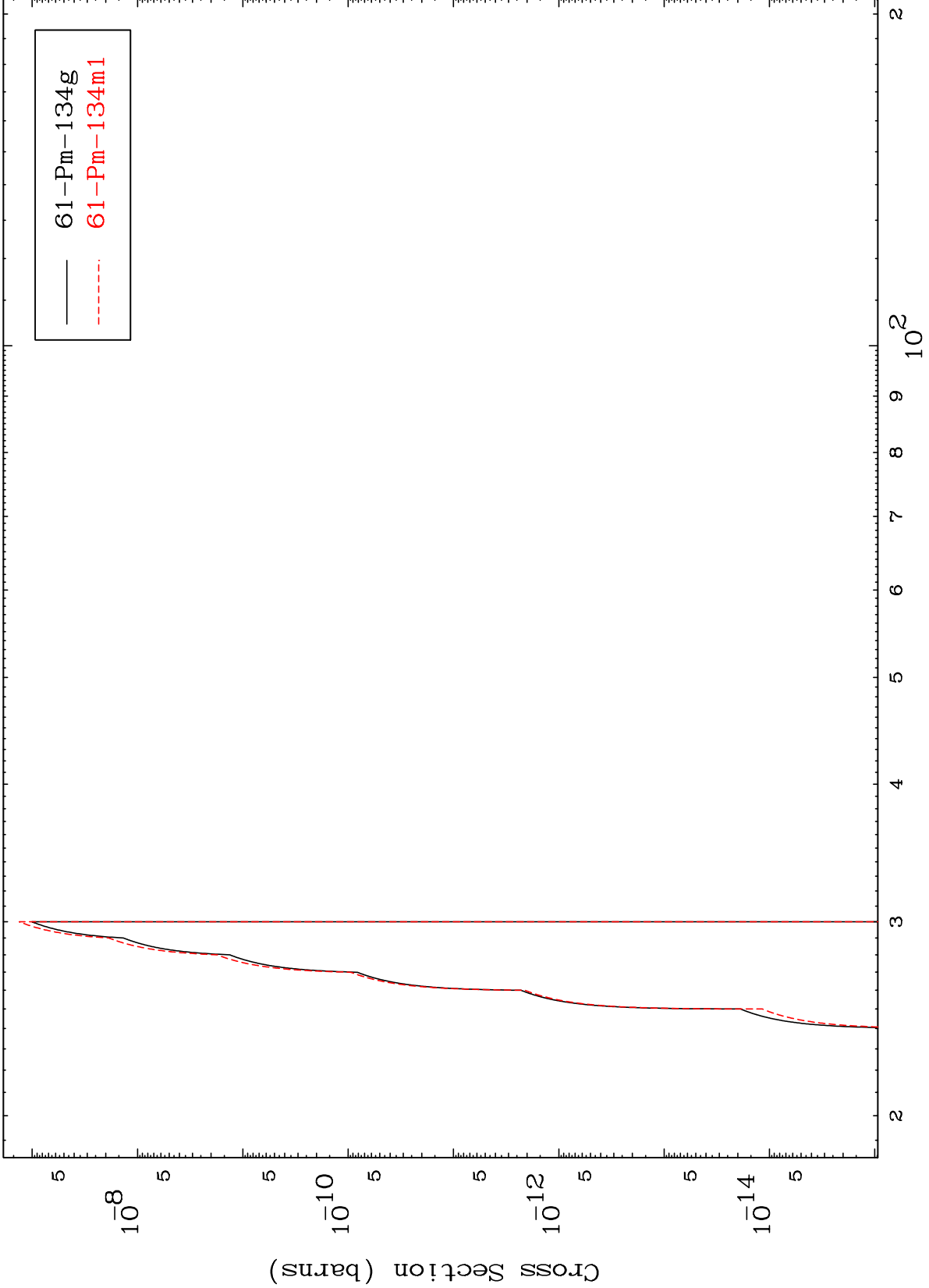


108

Incident Energy (MeV)

63-Eu-140

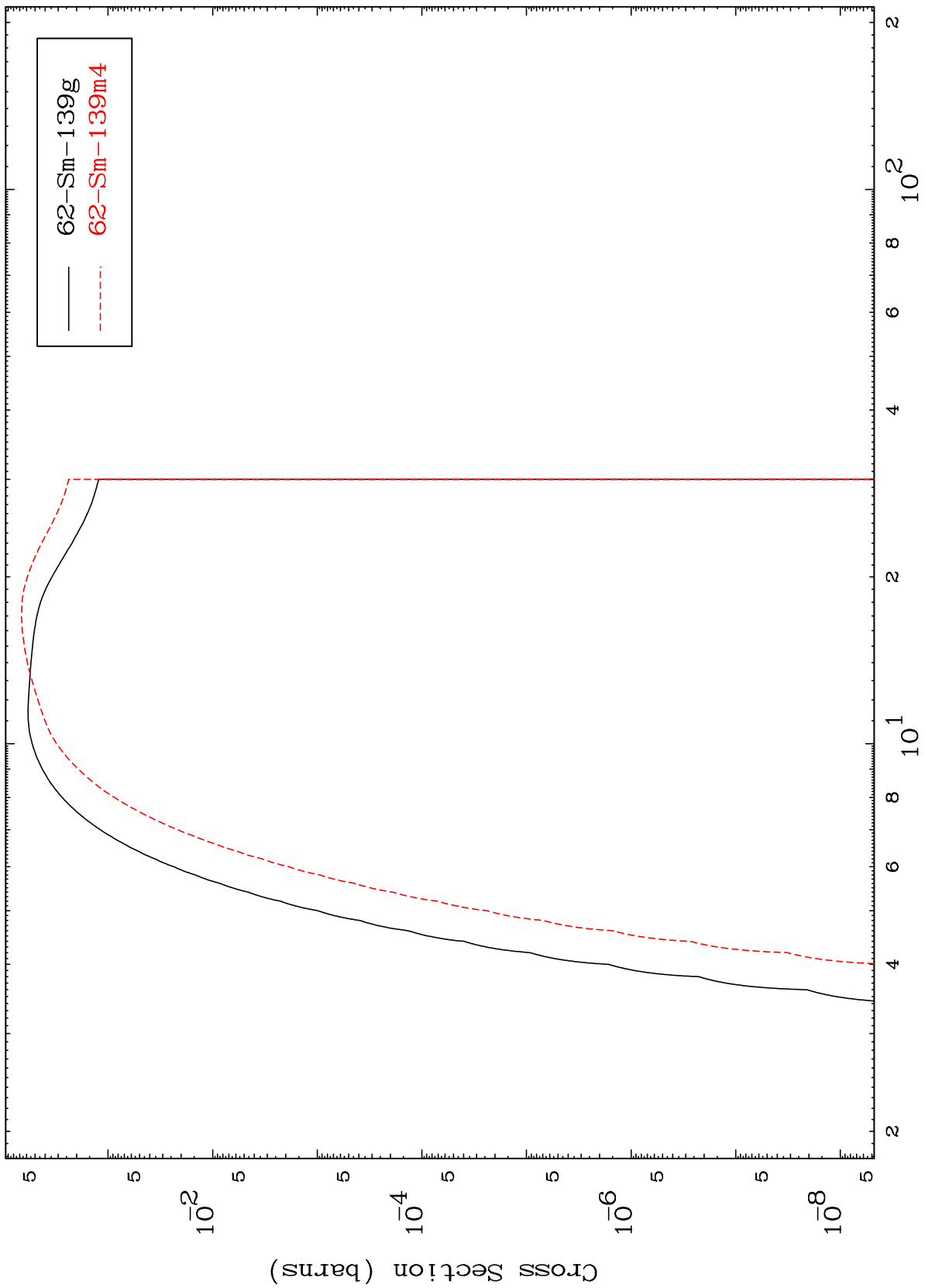
Radionuclide Production Cross Section



MAT 6292

63-Eu-140

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



110

Incident Energy (MeV)

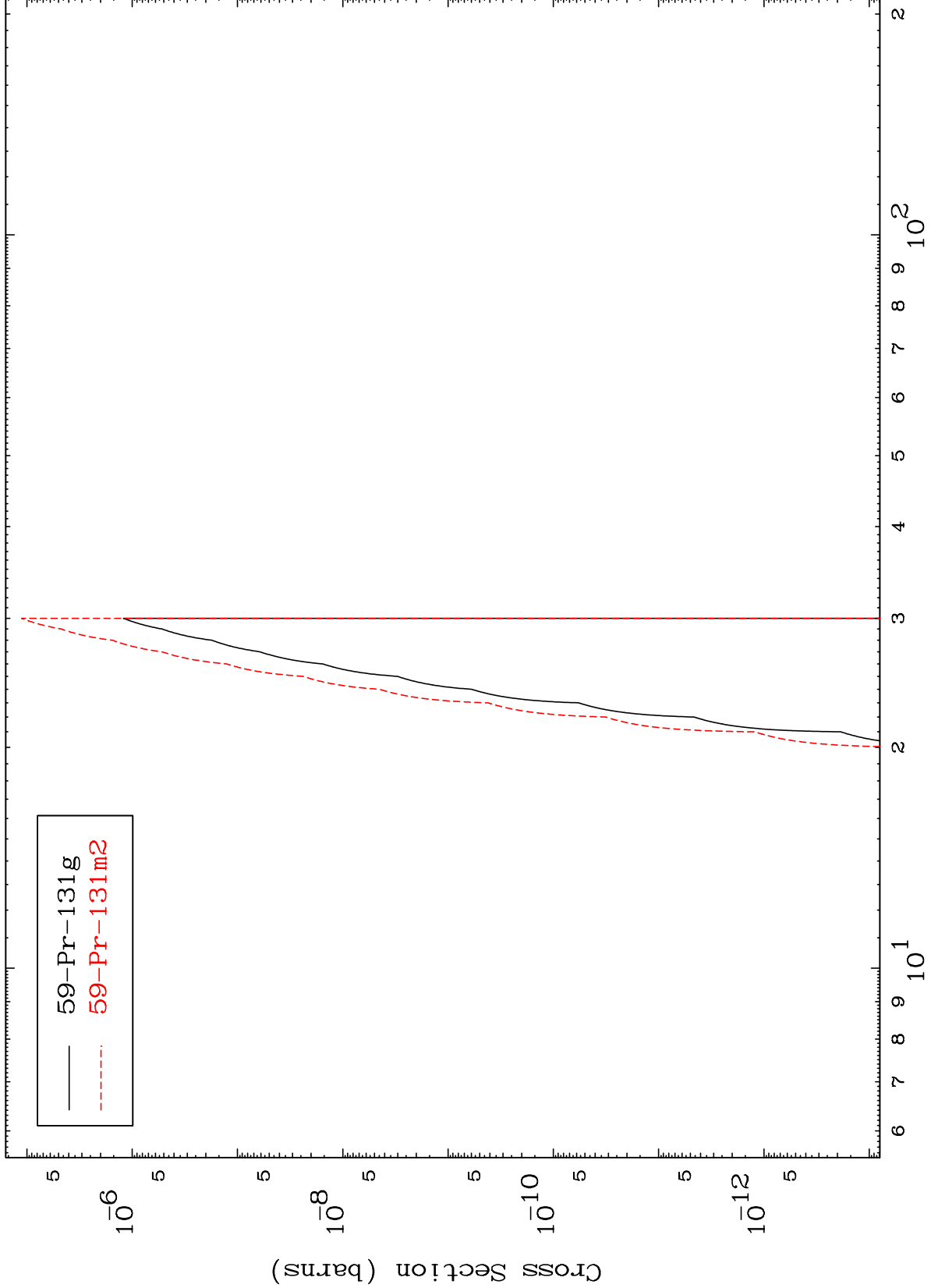
63-Eu-140

MAT 6292

$(n, 2n)$ 2α

$^{63}\text{Eu}-140$

Radionuclide Production Cross Section



— 59-Pr-131g
- - - 59-Pr-131m2

111

Incident Energy (MeV)

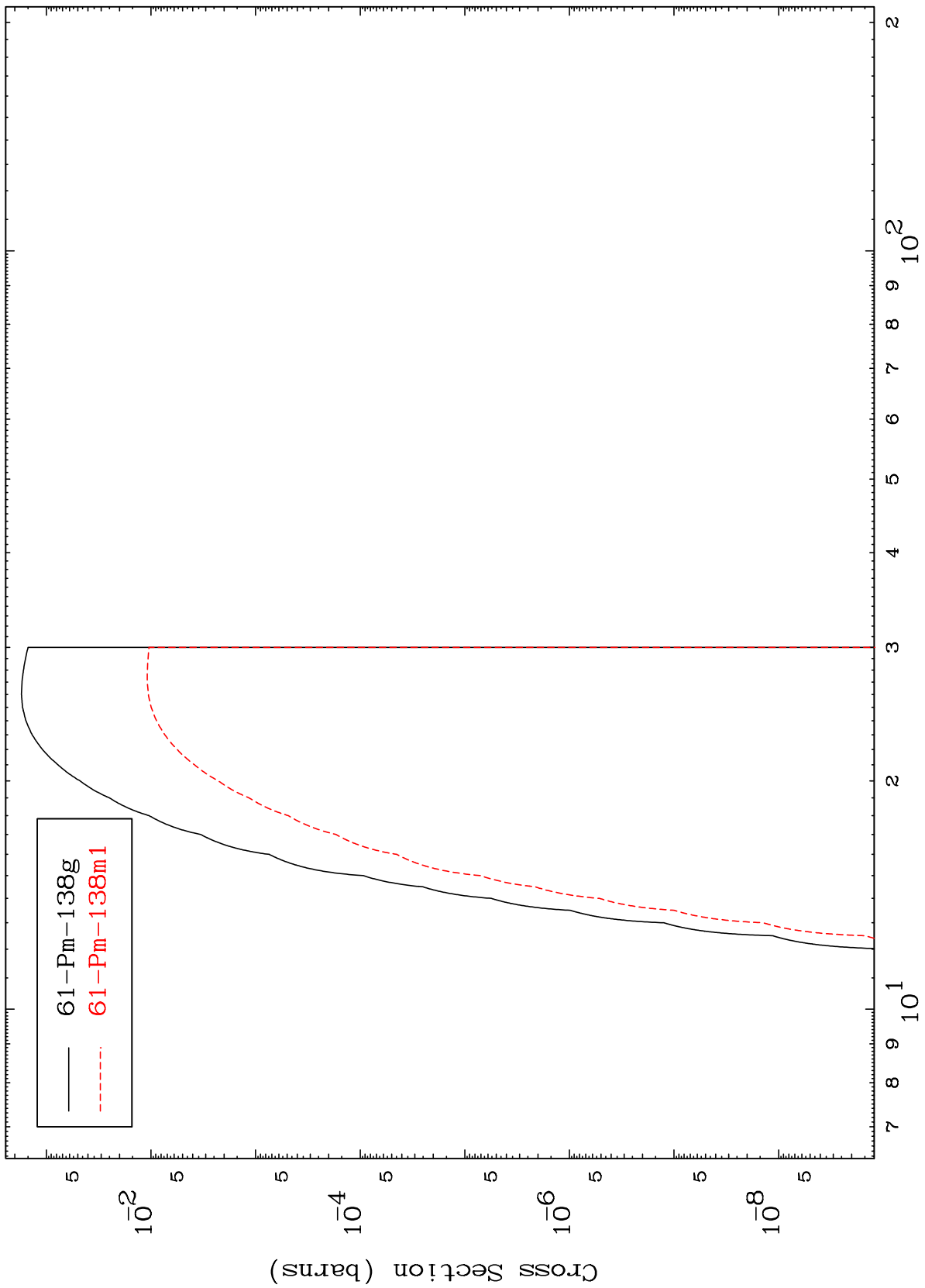
$^{63}\text{Eu}-140$

MAT 6292

(n,2n) p

63-Eu-140

Radionuclide Production Cross Section



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

112

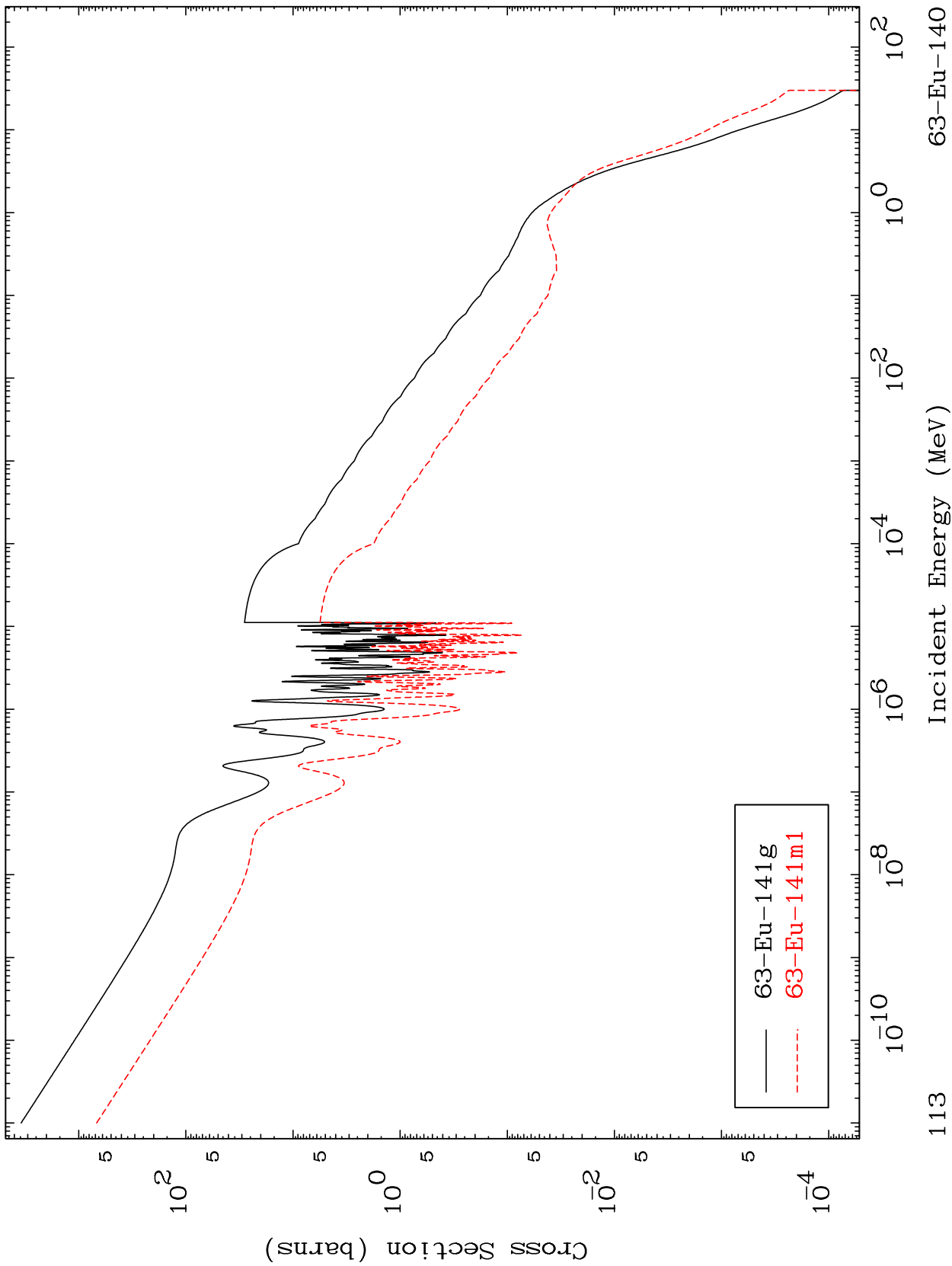
Incident Energy (MeV)

63-Eu-140

MAT 6292

63-Eu-140

(n, γ)
Radionuclide Production Cross Section



113

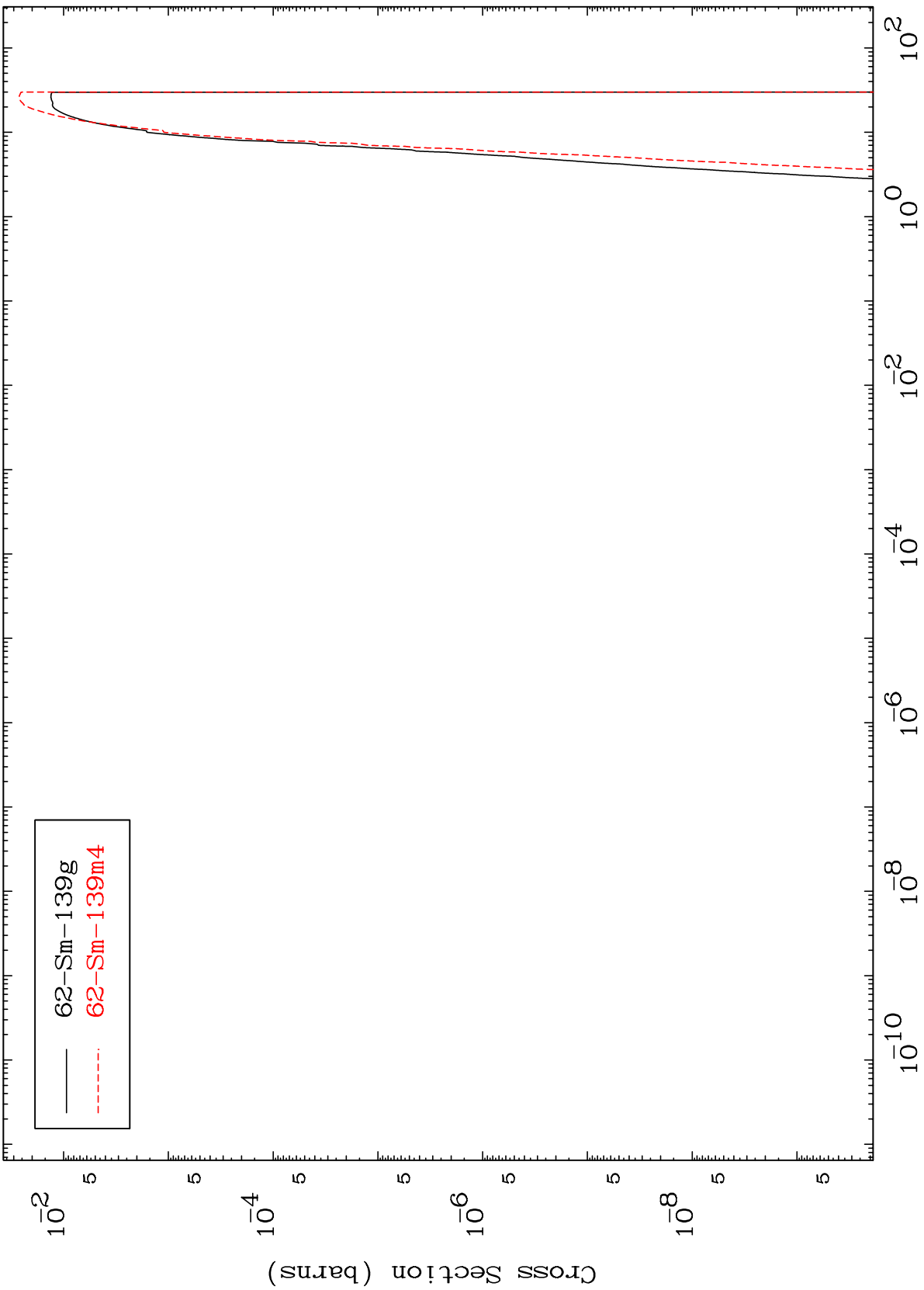
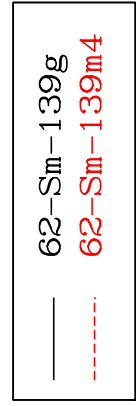
63-Eu-140

MAT 6292

(n,d)

⁶³Eu-140

Radionuclide Production Cross Section



114

Incident Energy (MeV)

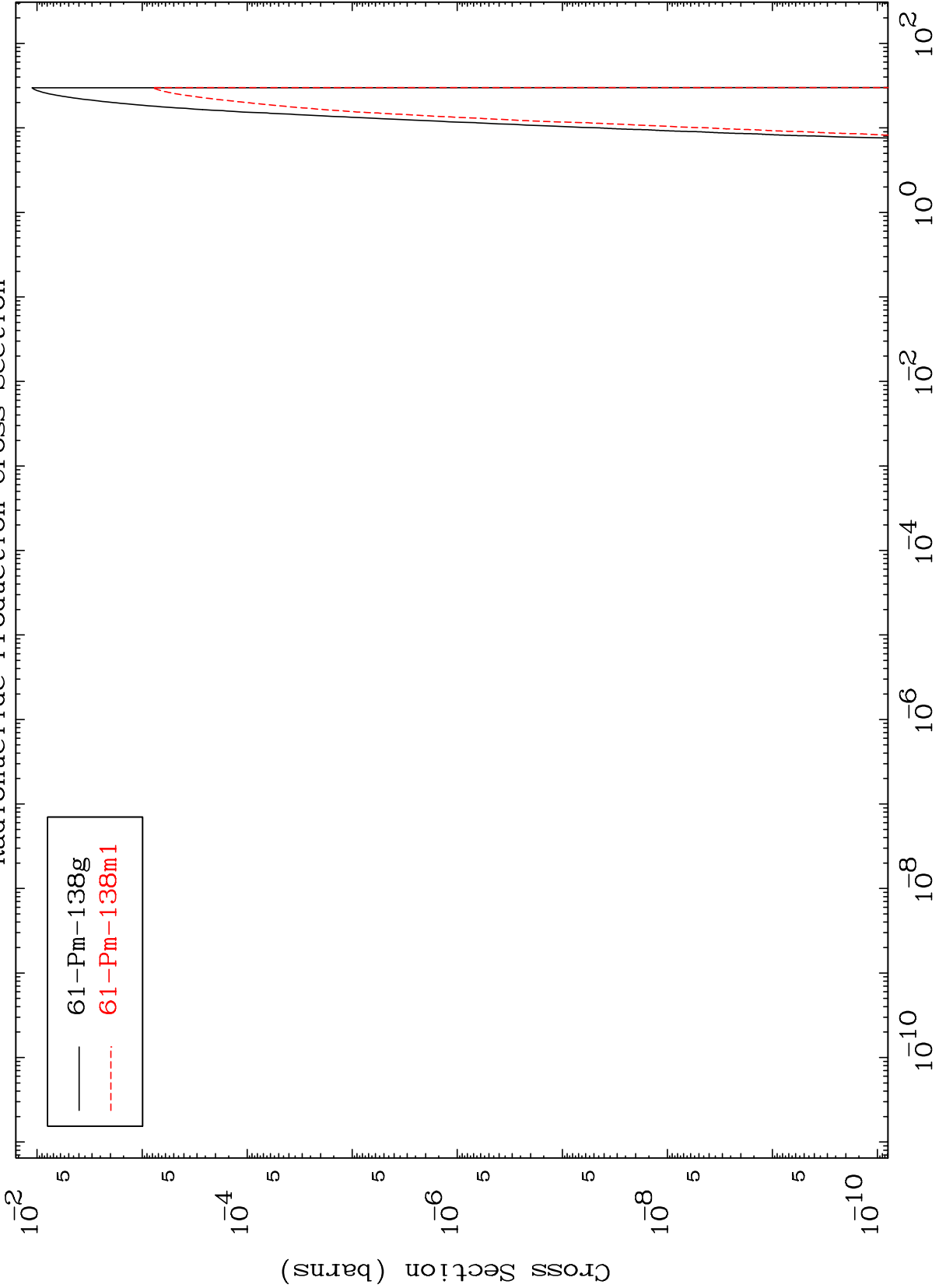
⁶³Eu-140

MAT 6292

(n,He-3)

63-Eu-140

Radionuclide Production Cross Section



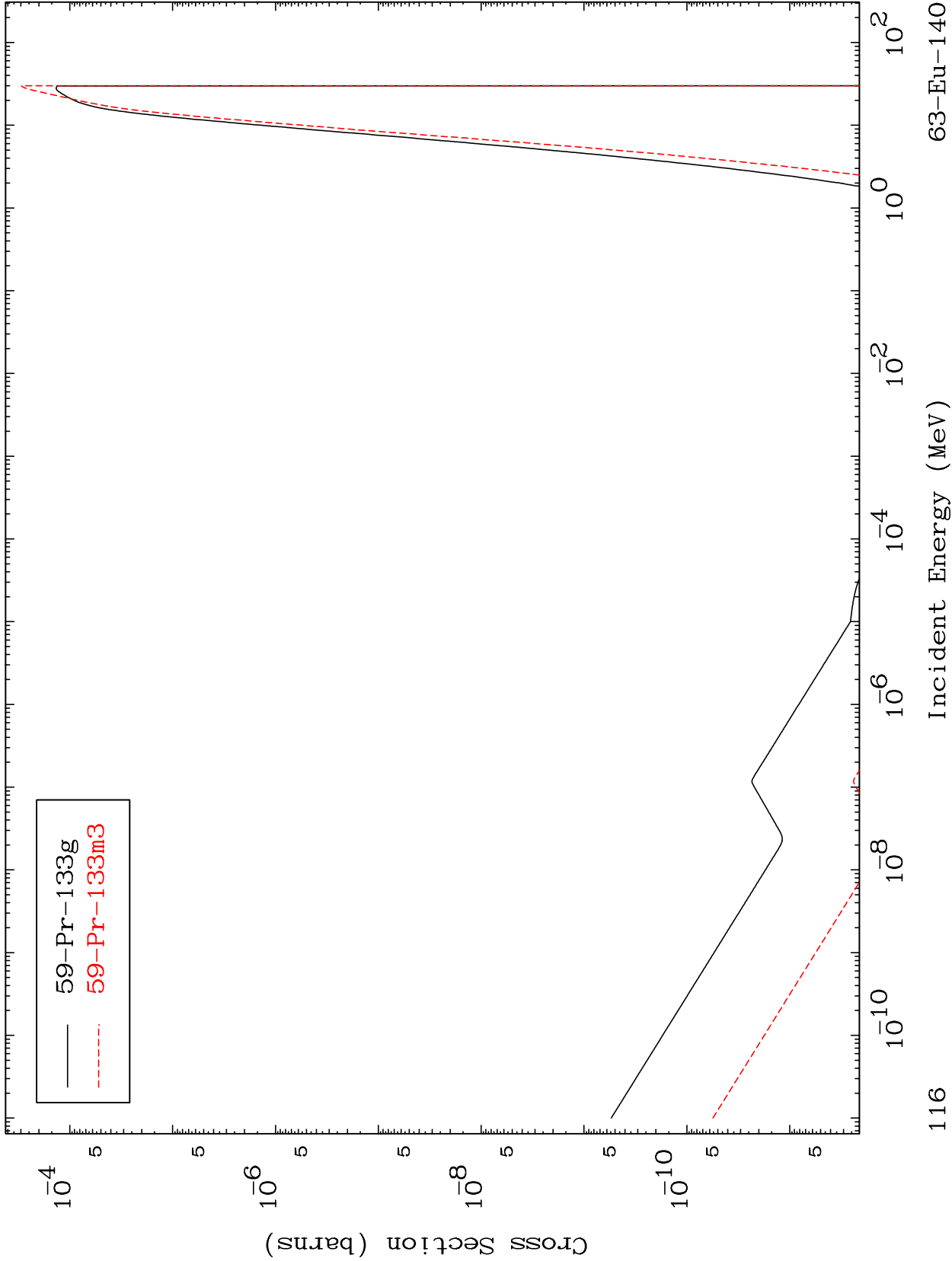
61-Pm-138g
61-Pm-138m1

MAT 6292

(n,2α)

63-Eu-140

Radionuclide Production Cross Section

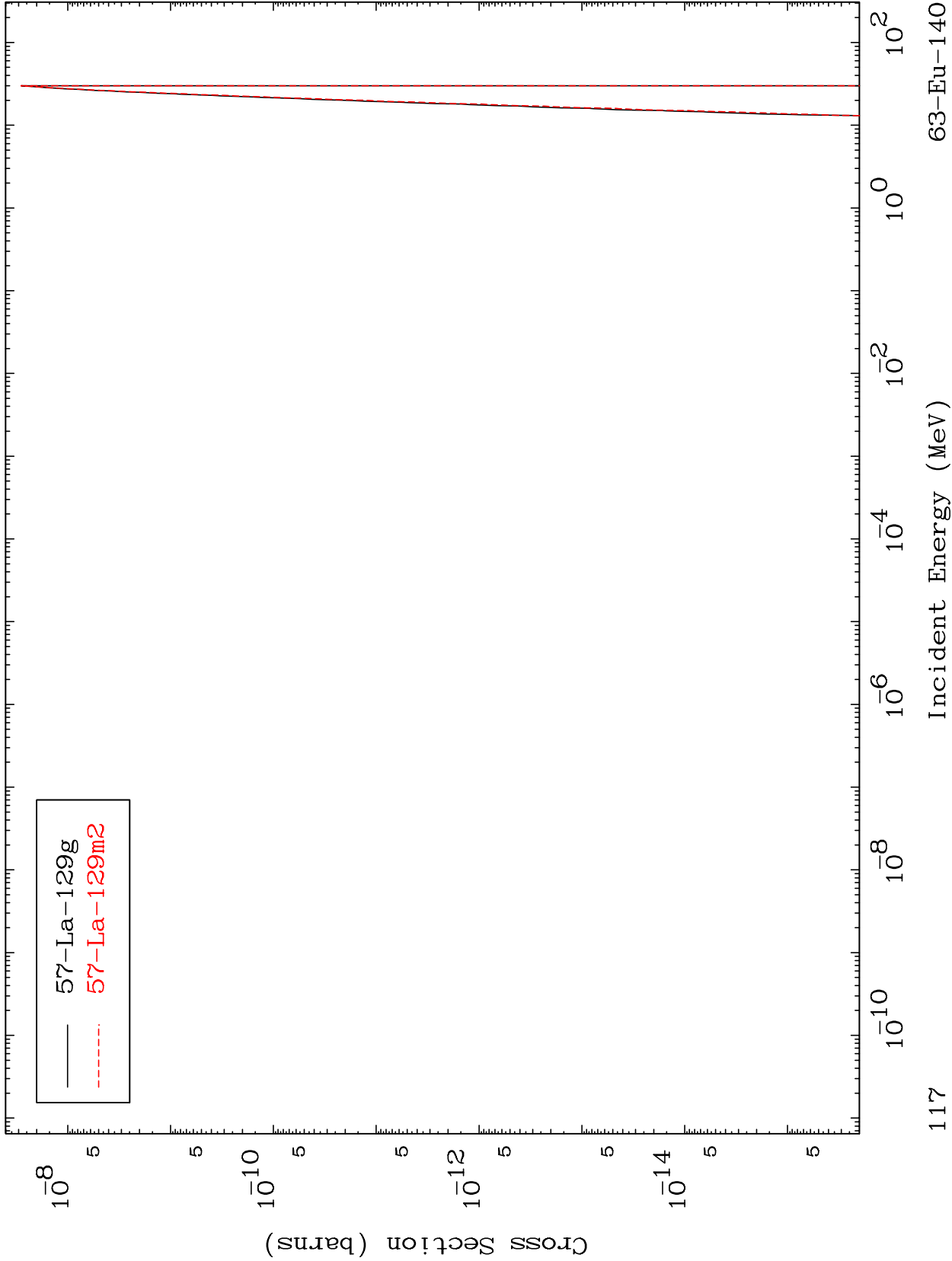


MAT 6292

(n, 3α)

63-Eu-140

Radionuclide Production Cross Section

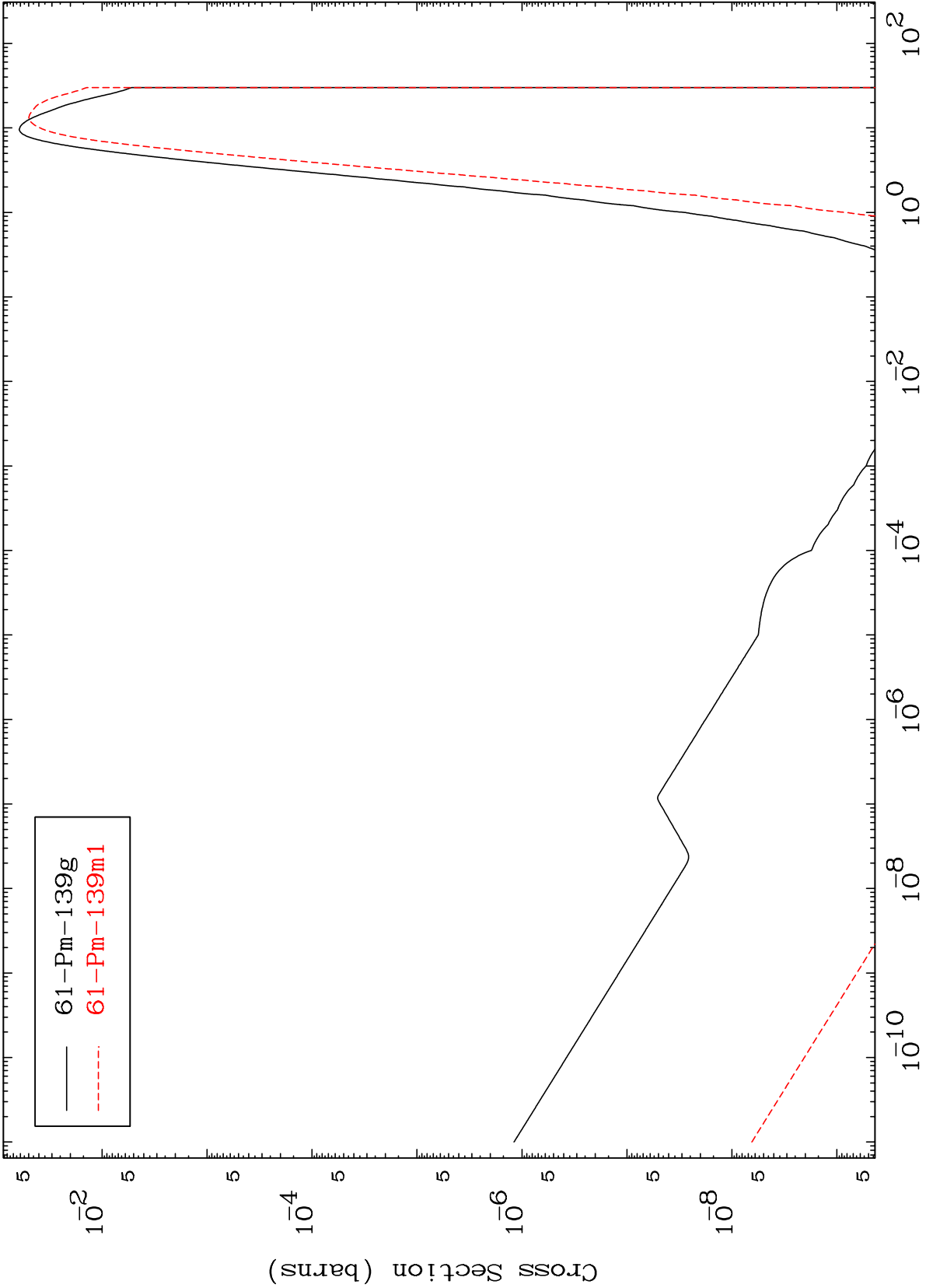


MAT 6292

(n,2p)

63-Eu-140

Radionuclide Production Cross Section



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

Incident Energy (MeV)

63-Eu-140

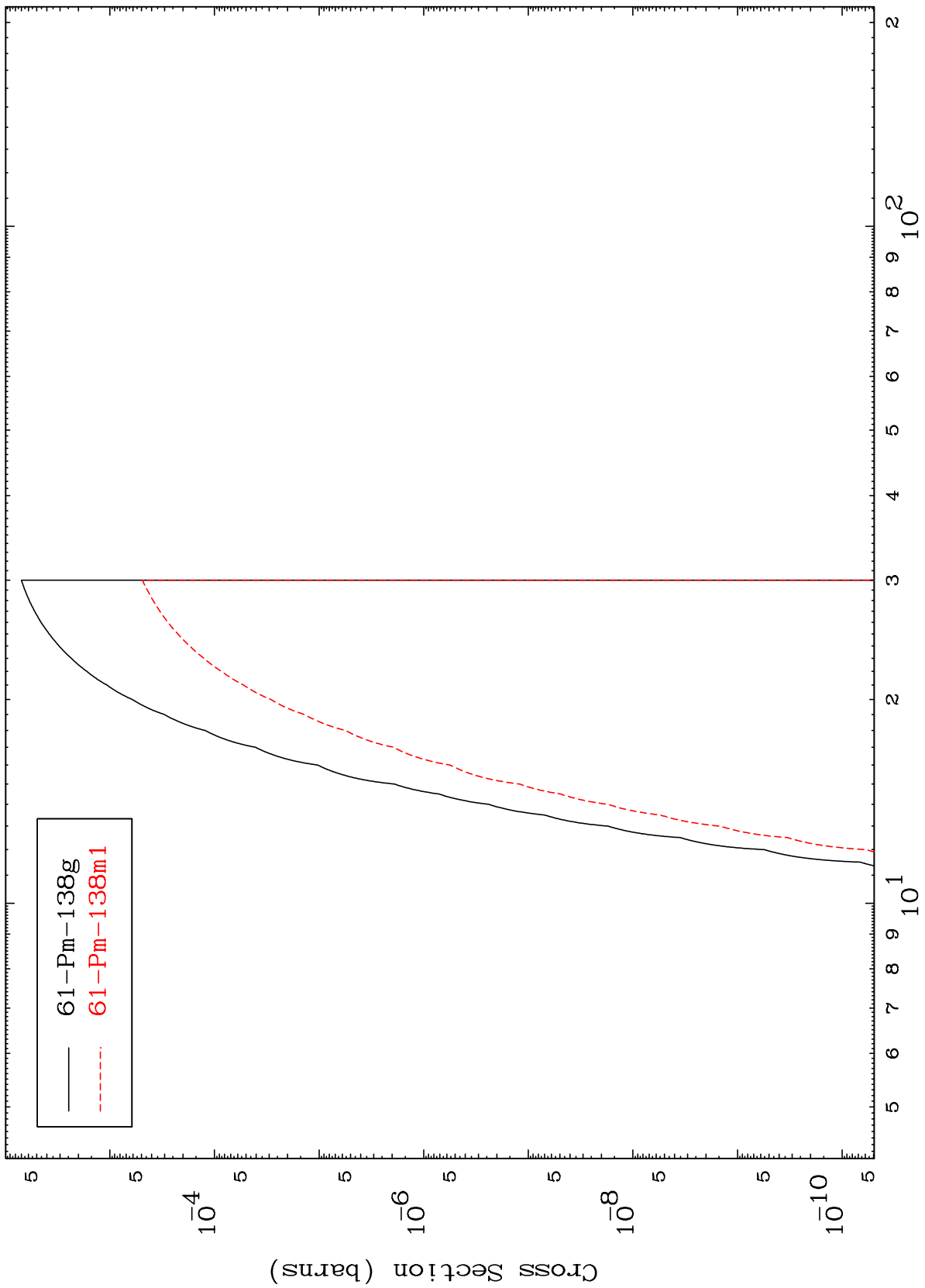
118

MAT 6292

(n,p) d

63-Eu-140

Radionuclide Production Cross Section



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

119

Incident Energy (MeV)

63-Eu-140