

Program EVALPLOT
(Version 2015-2)

by

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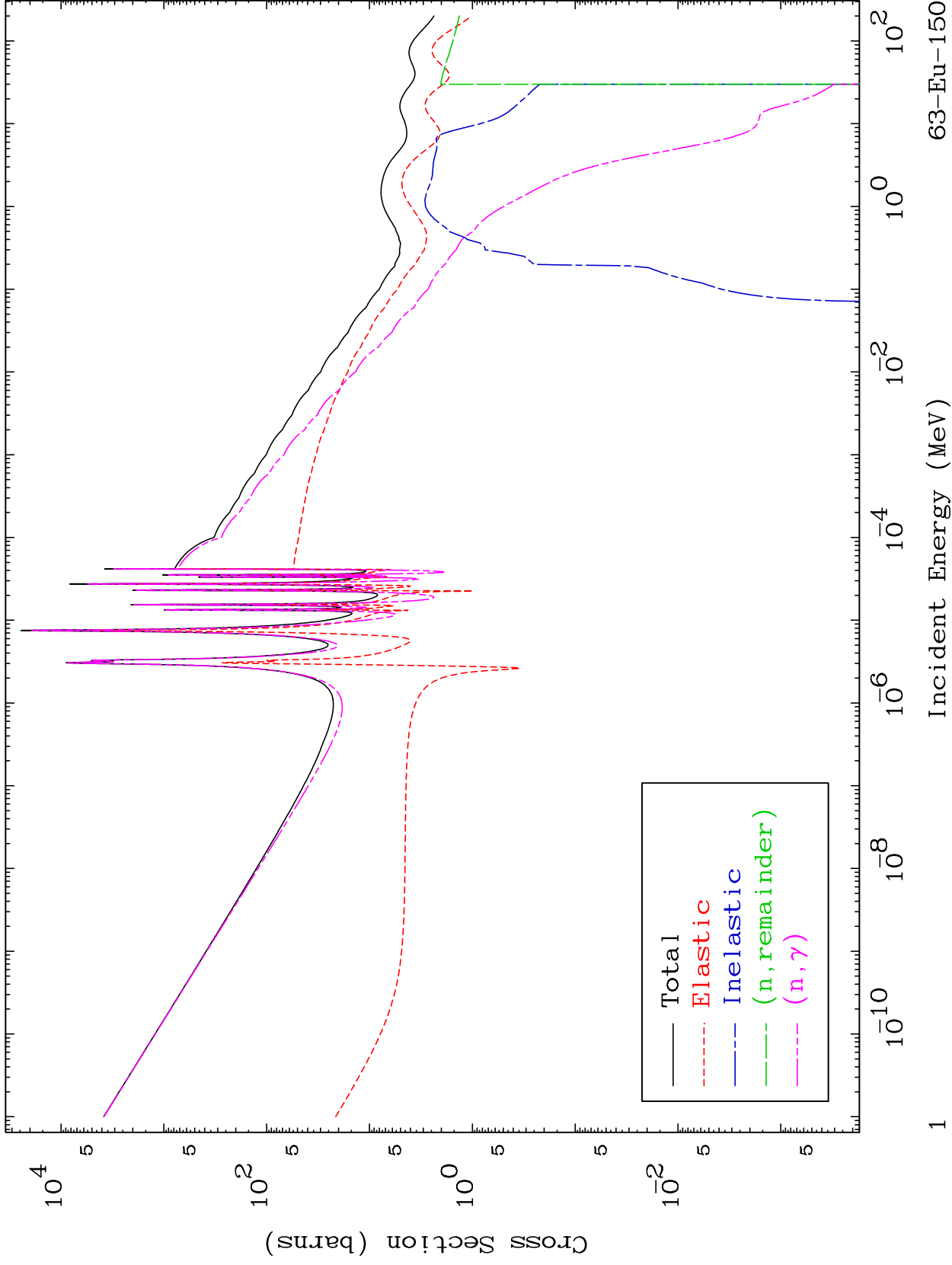
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6322

Major
293 Kelvin Cross Sections

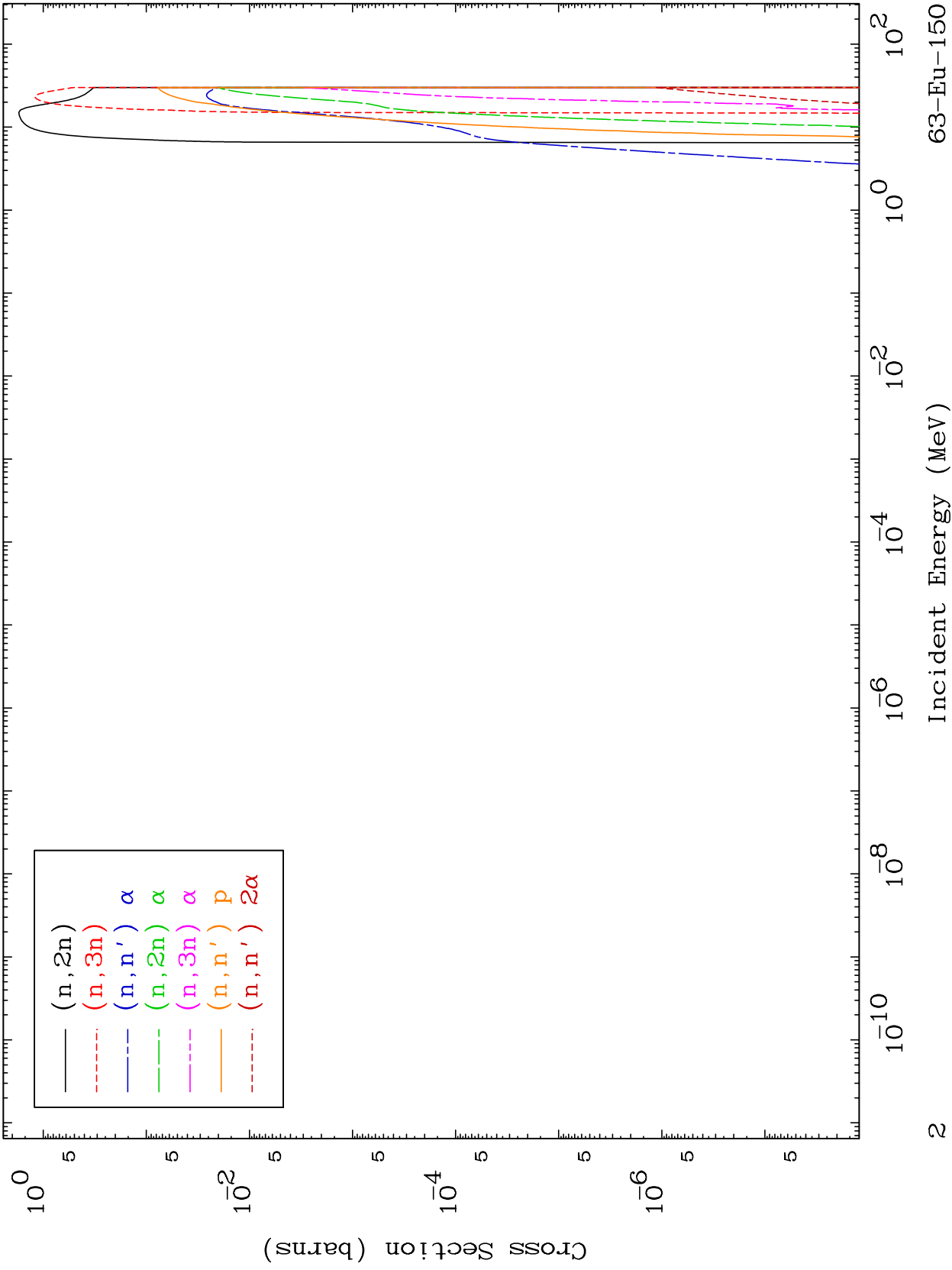
63-Eu-150



MAT 6322

Neutron Production
293 Kelvin Cross Sections

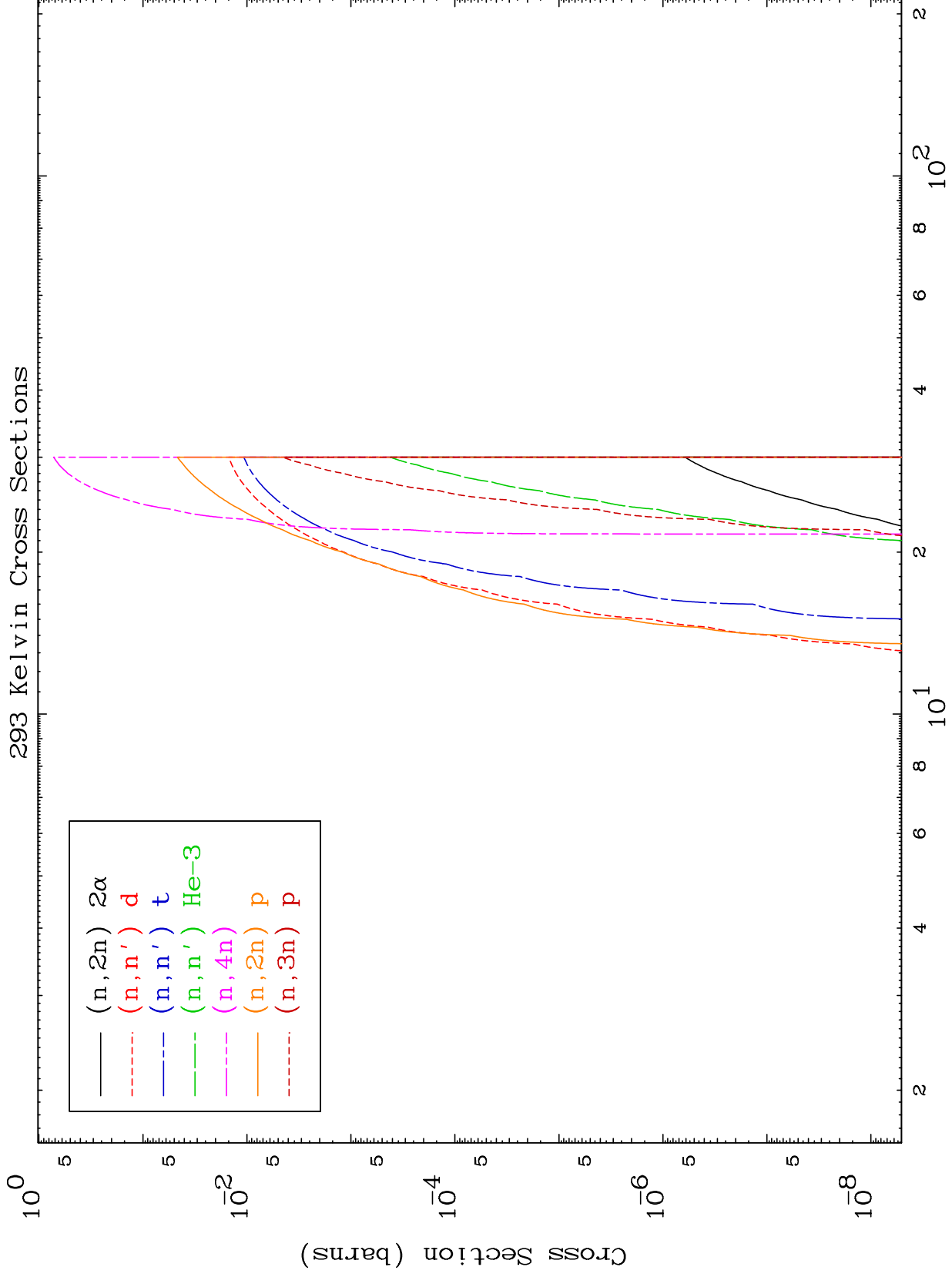
63-Eu-150



MAT 6322

Neutron Production
293 Kelvin Cross Sections

63-Eu-150



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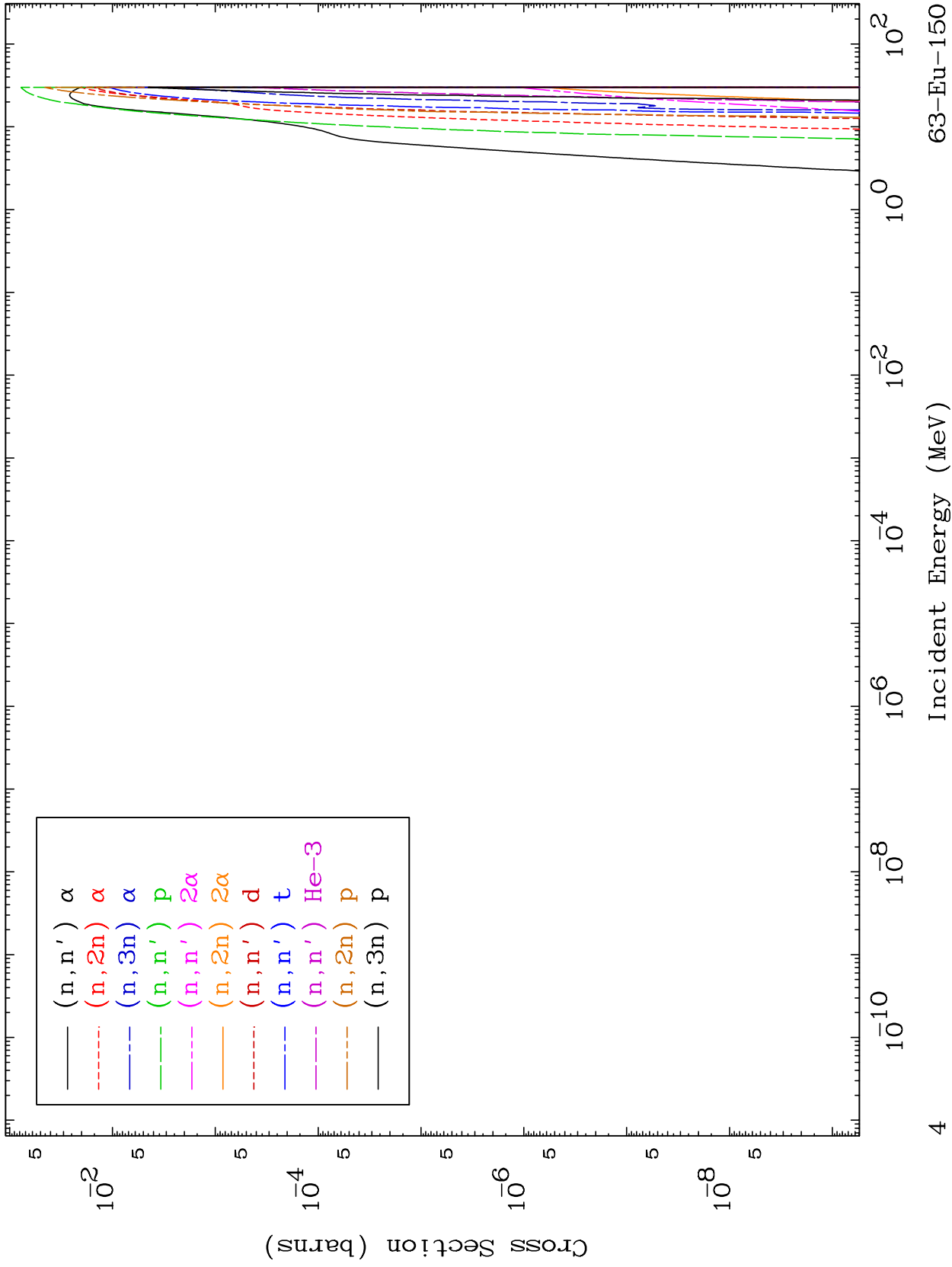
Incident Energy (MeV)

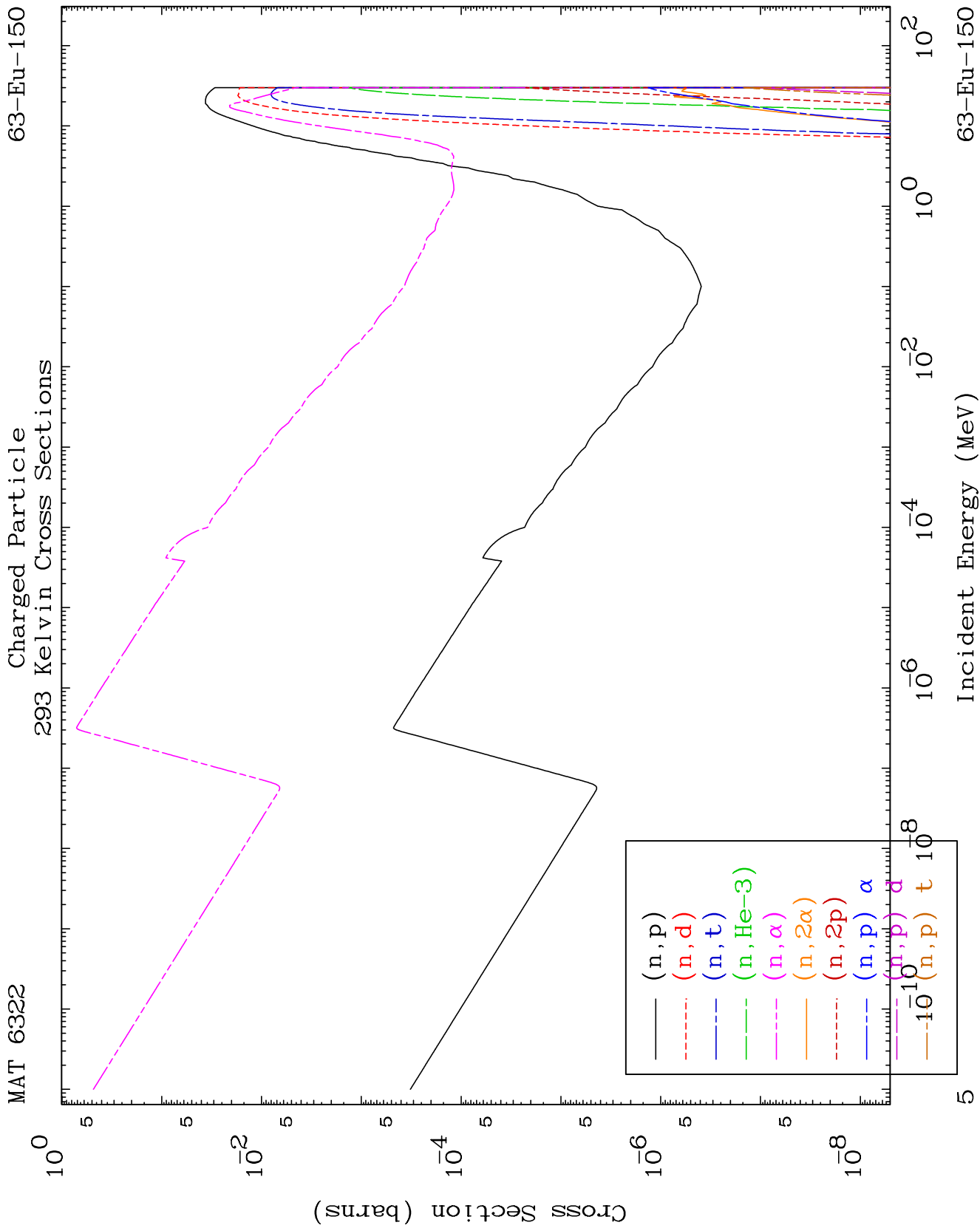
63-Eu-150

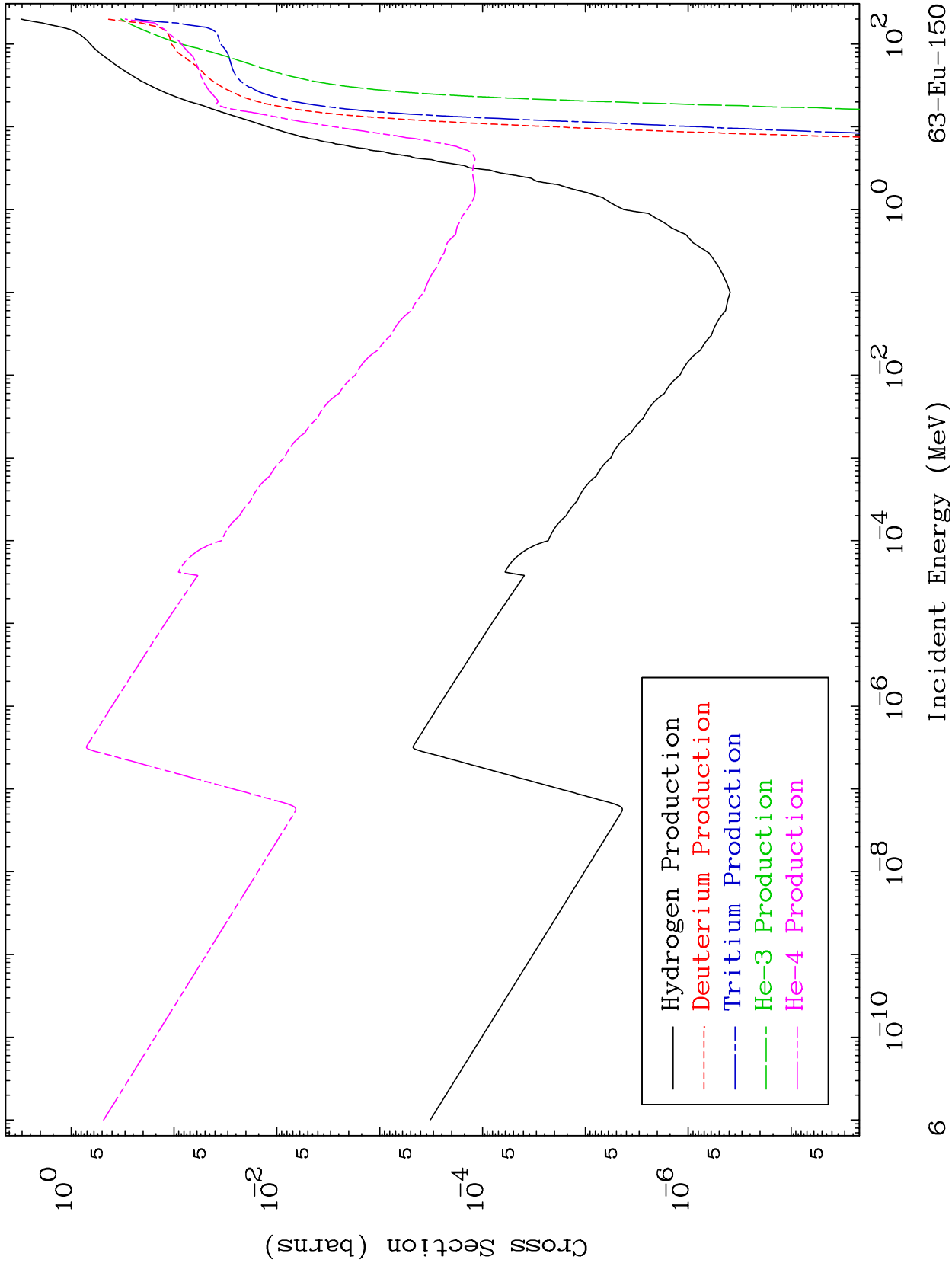
MAT 6322

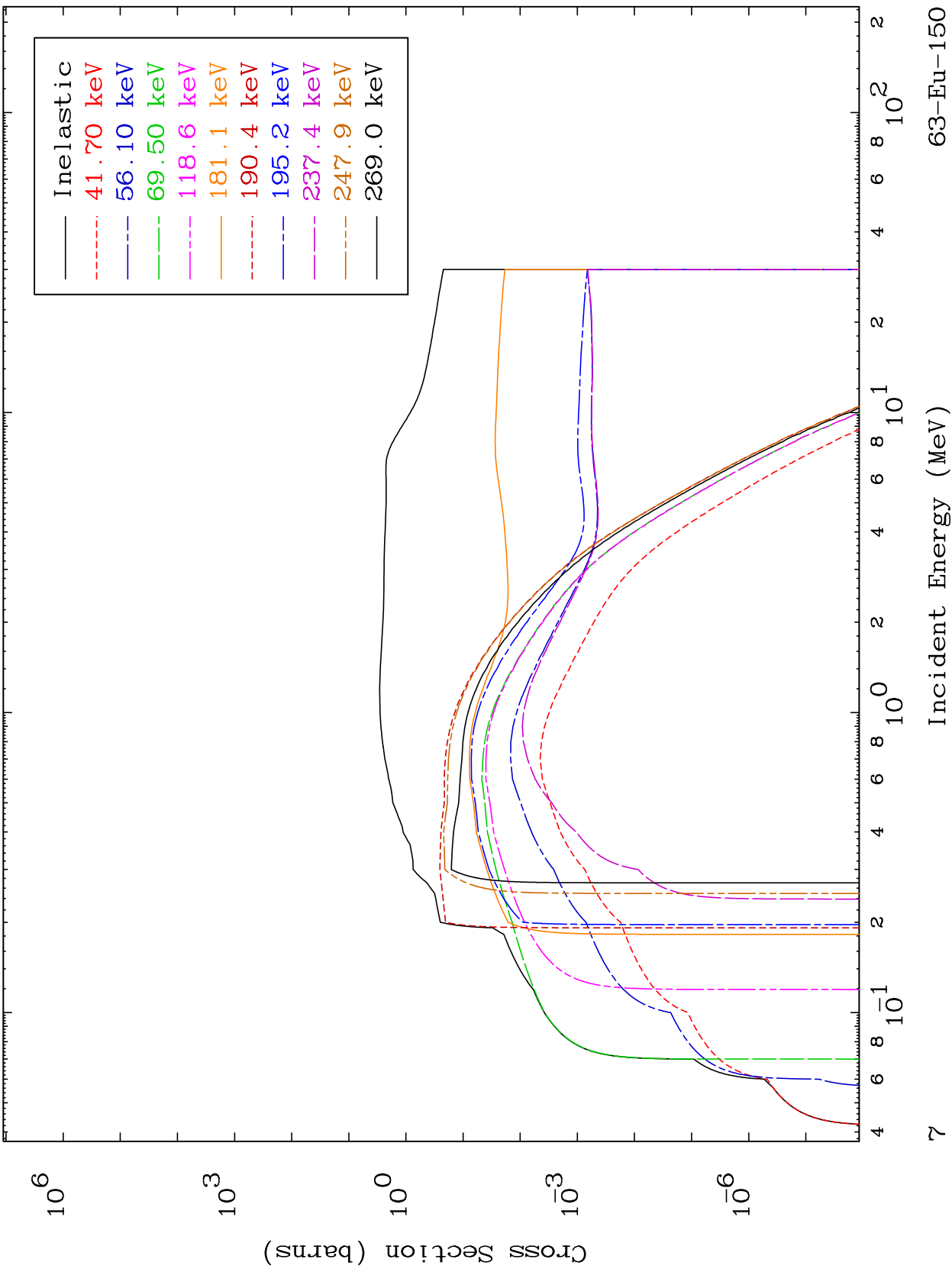
Charged Particle
293 Kelvin Cross Sections

63-Eu-150







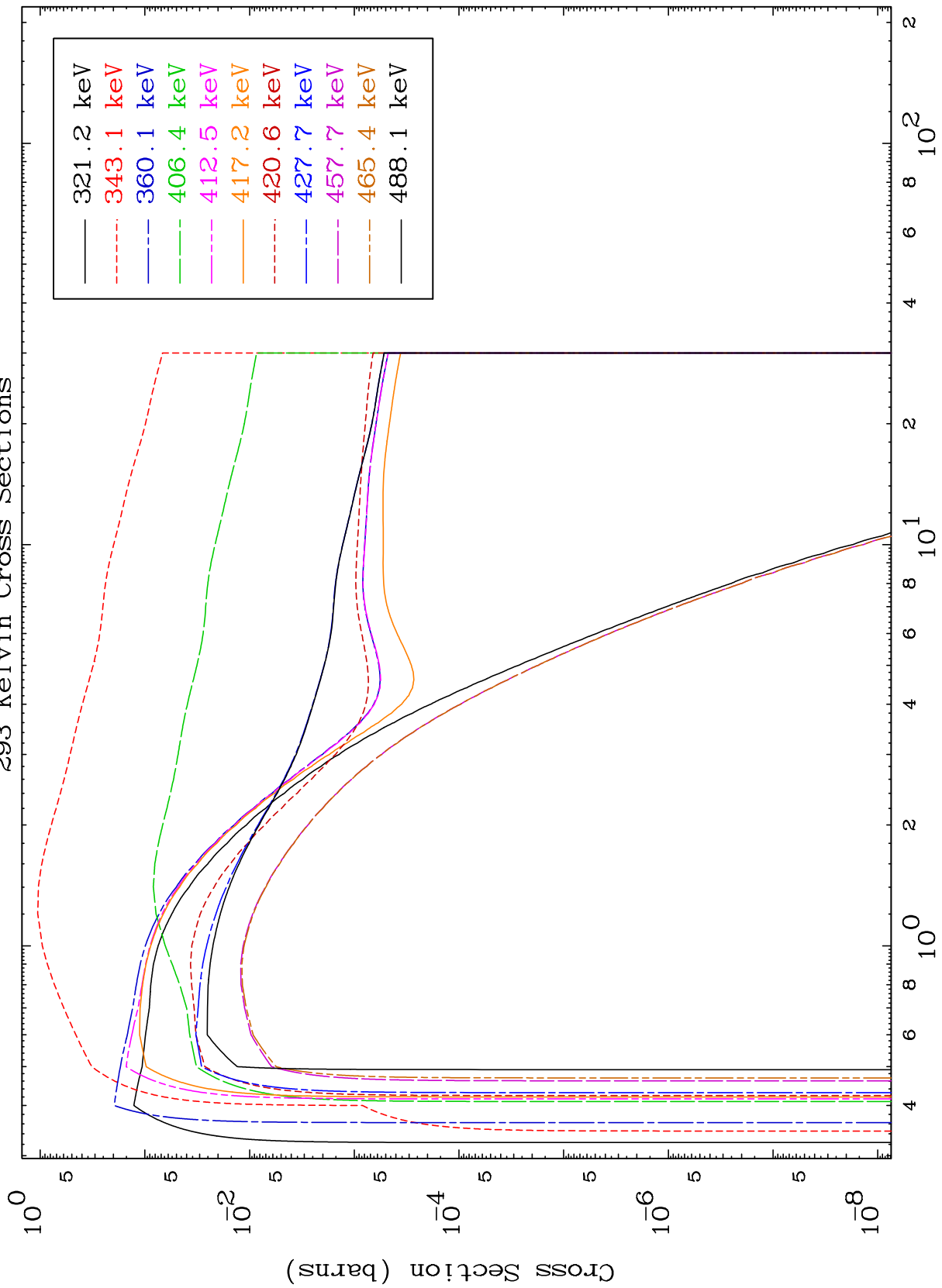


MAT 6322

(n,n') Level

63-Eu-150

293 Kelvin Cross Sections



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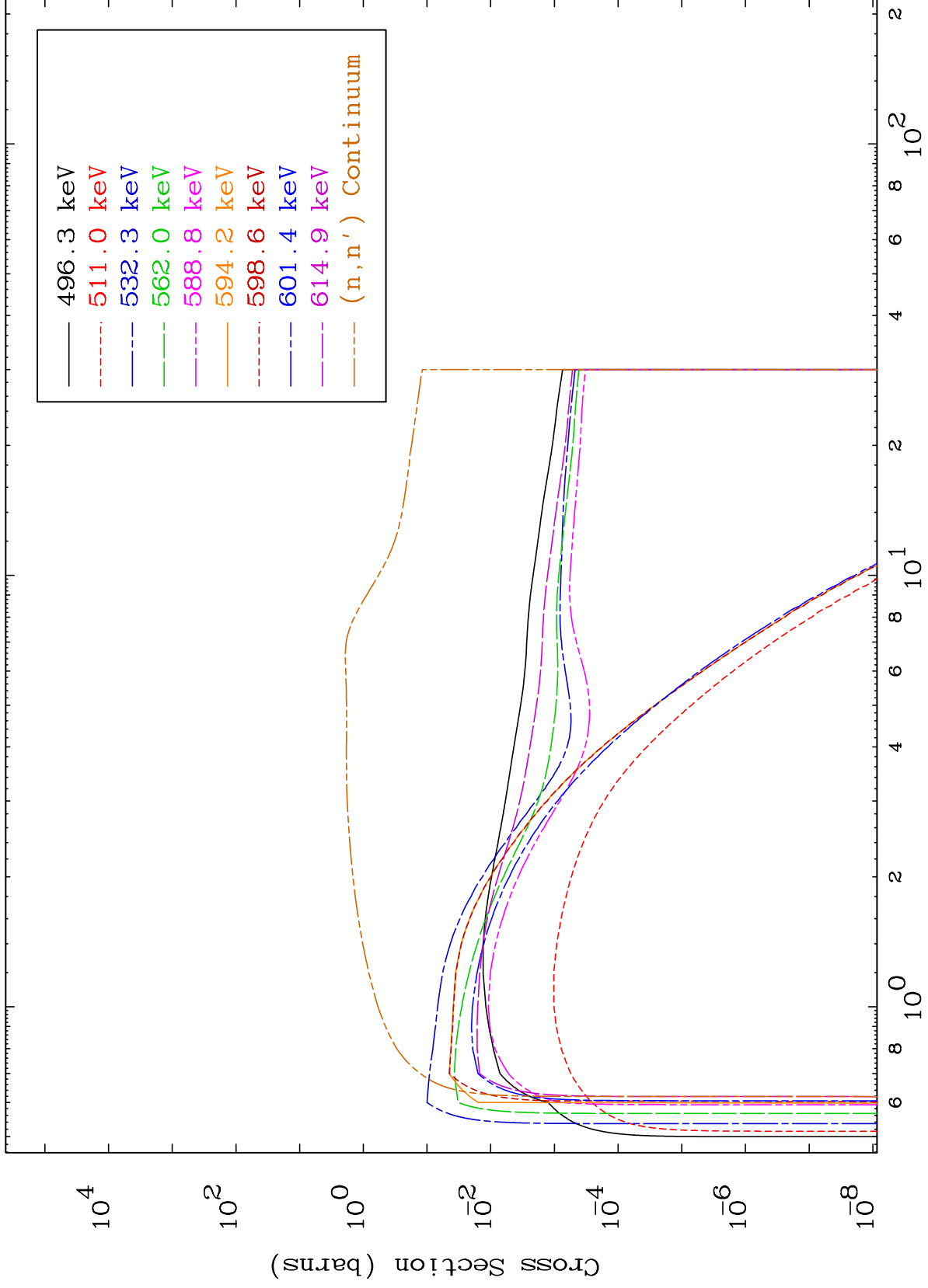
Incident Energy (MeV)

63-Eu-150

MAT 6322

(n,n') Level
293 Kelvin Cross Sections

63-Eu-150



9

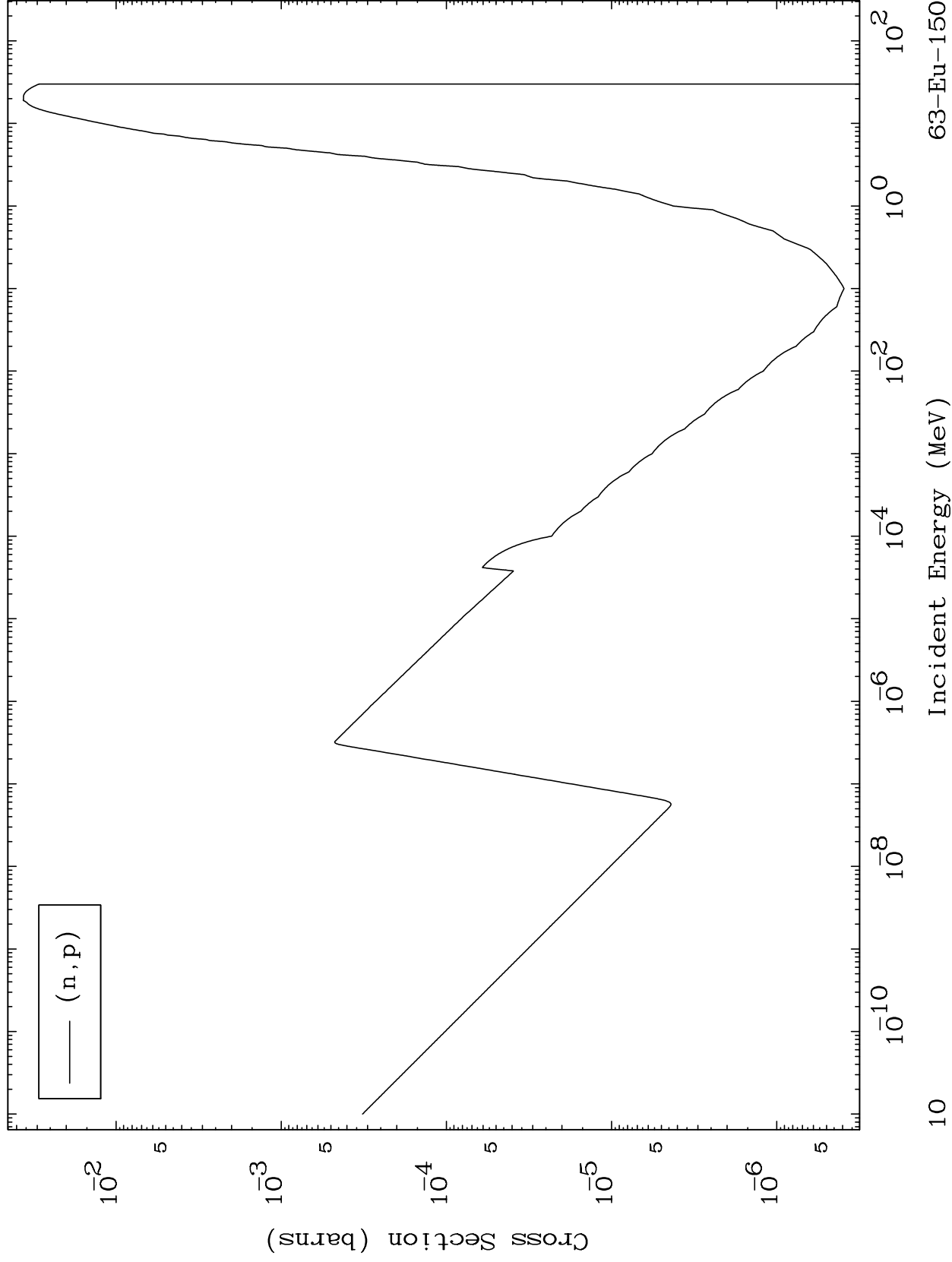
Incident Energy (MeV)

63-Eu-150

MAT 6322

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-150



10

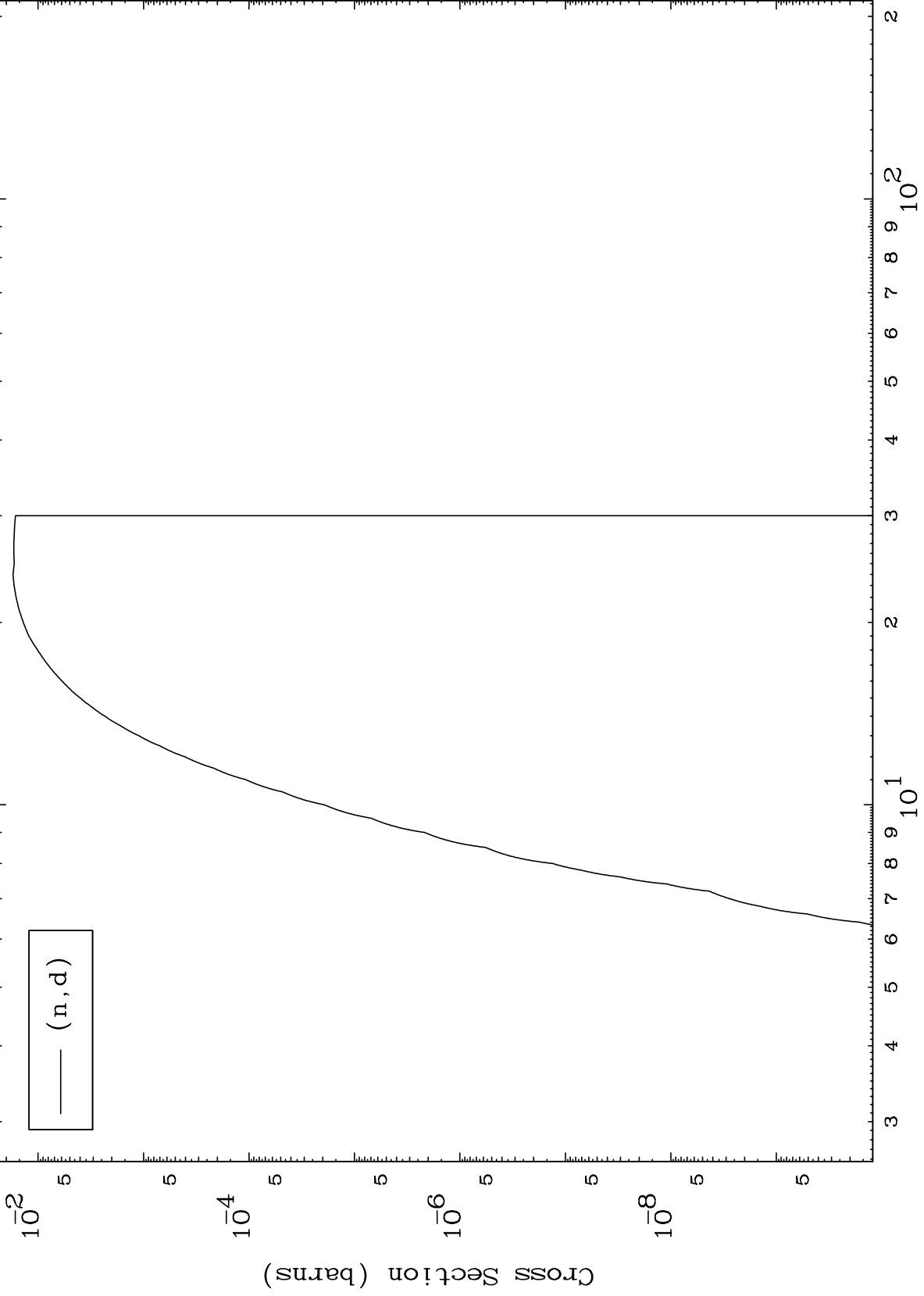
Incident Energy (MeV)

63-Eu-150

MAT 6322

(n,d) Levels
293 Kelvin Cross Sections

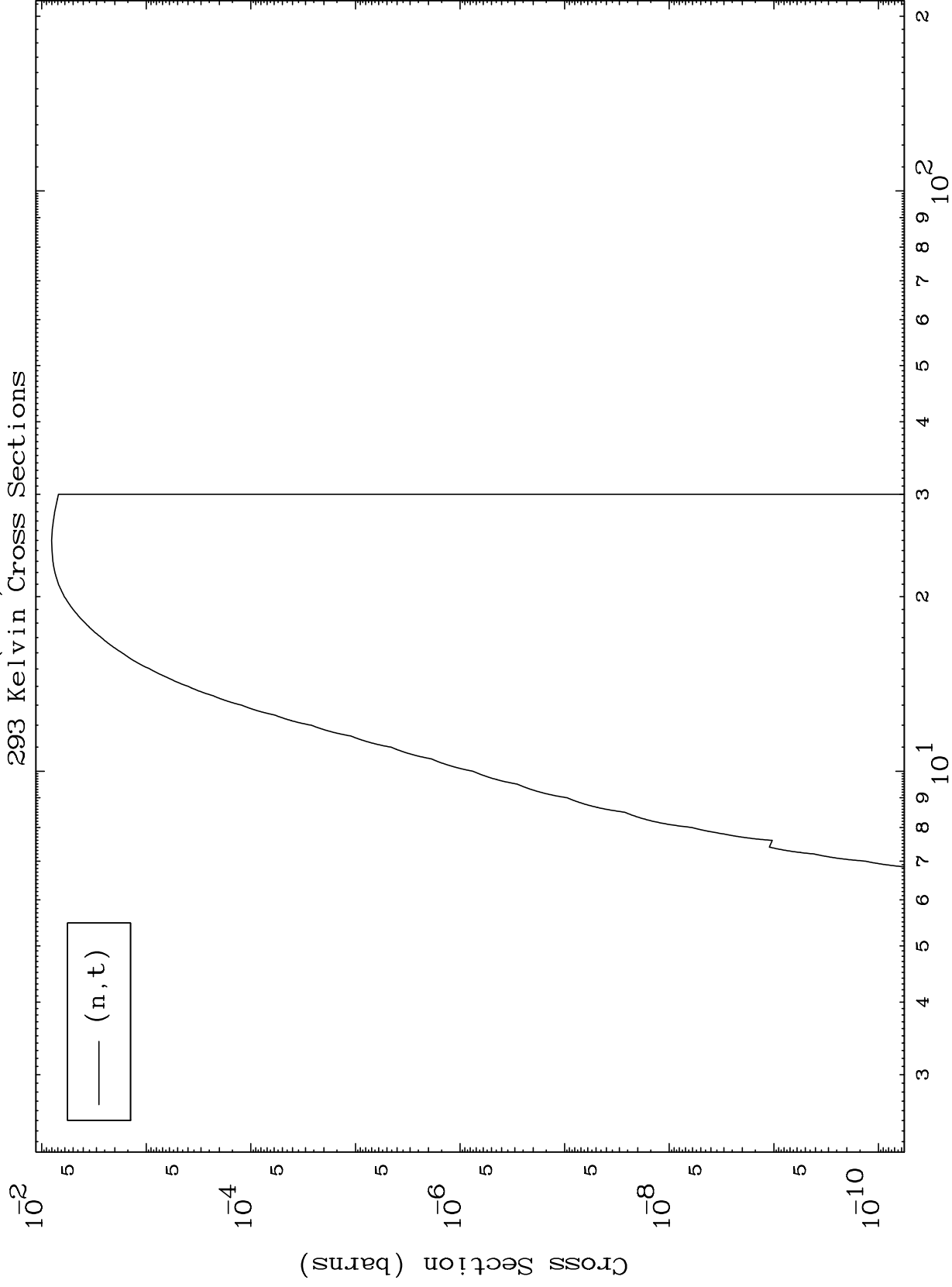
63-Eu-150



MAT 6322

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-150



12

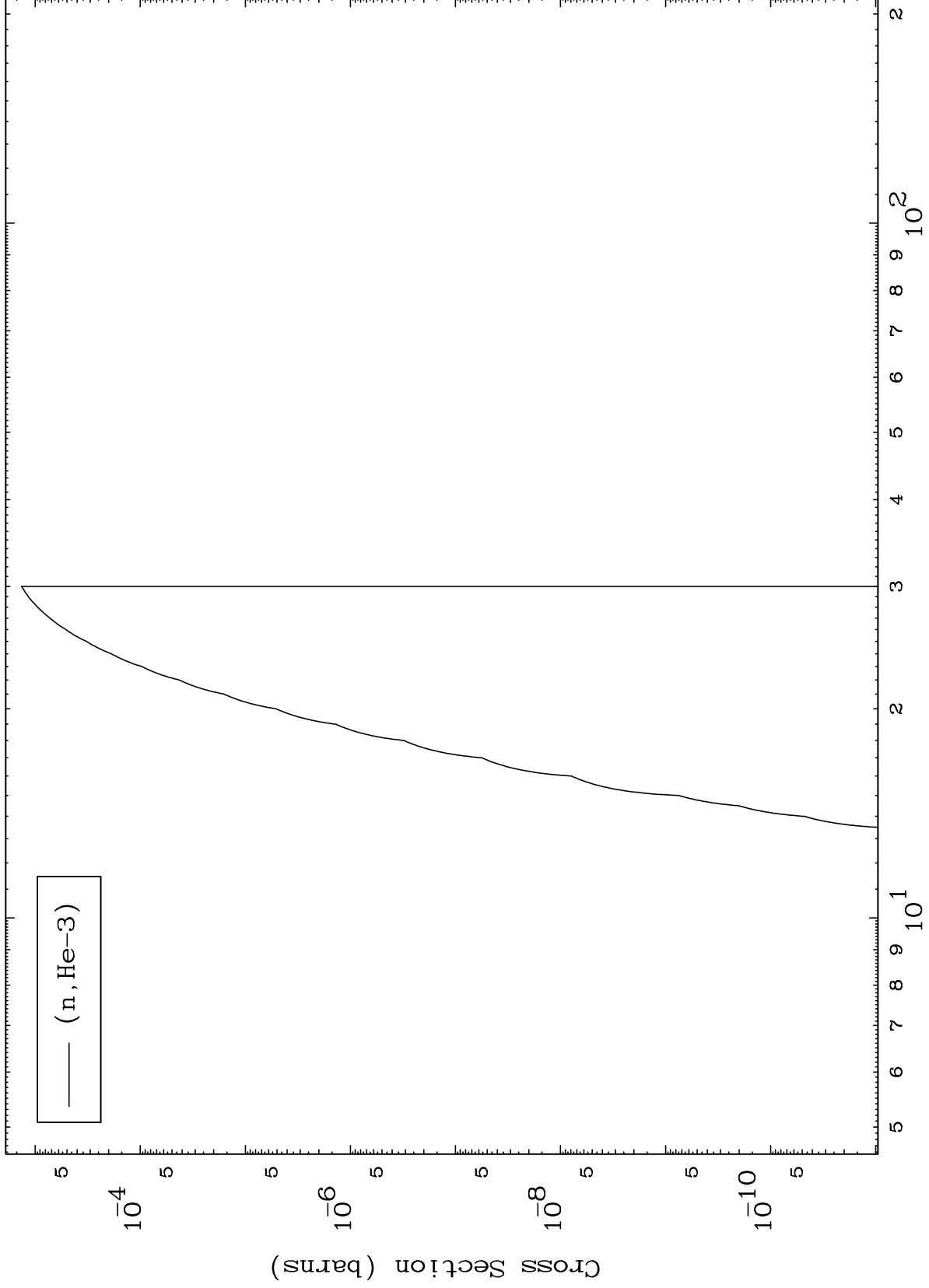
Incident Energy (MeV)

63-Eu-150

MAT 6322

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-150



13

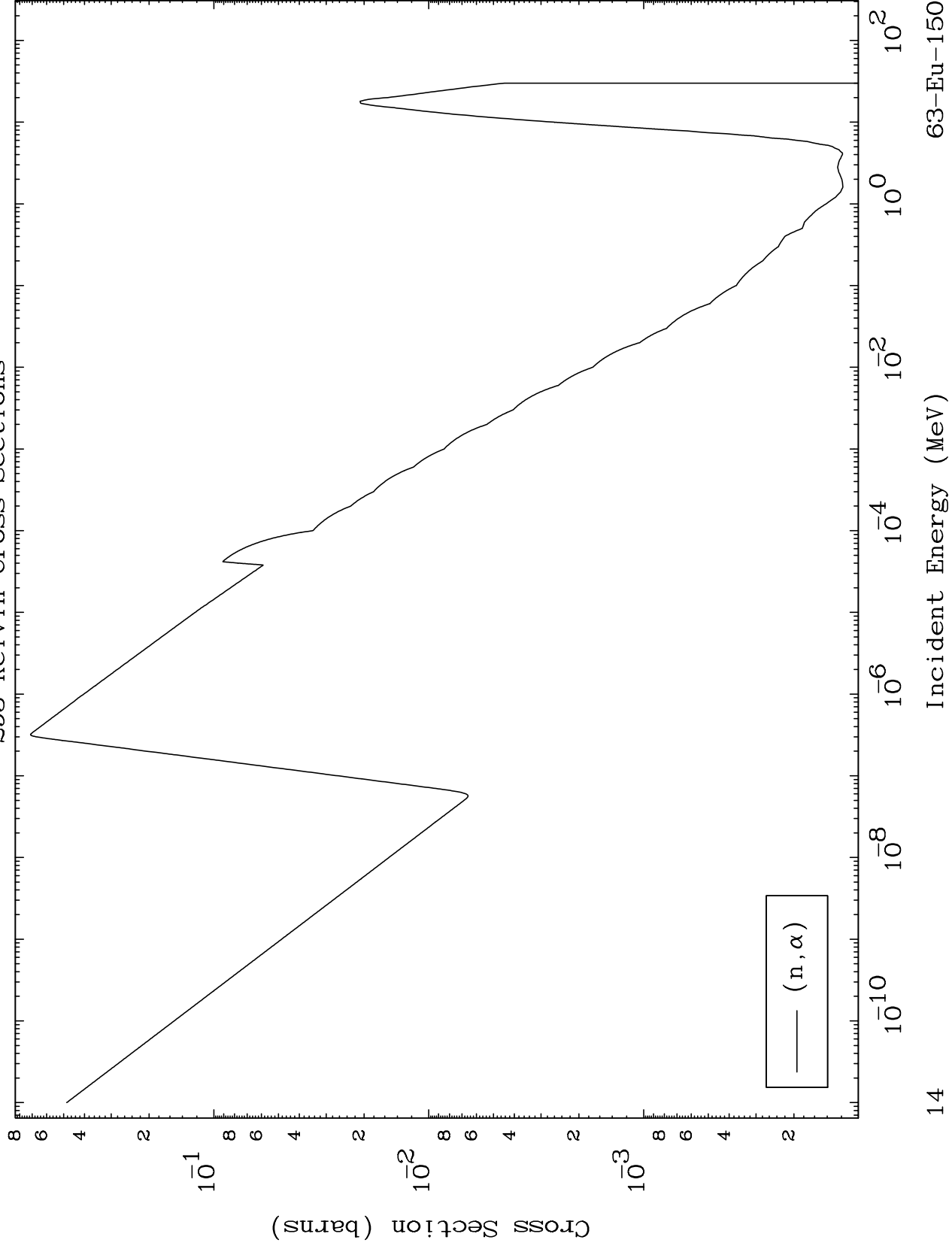
Incident Energy (MeV)

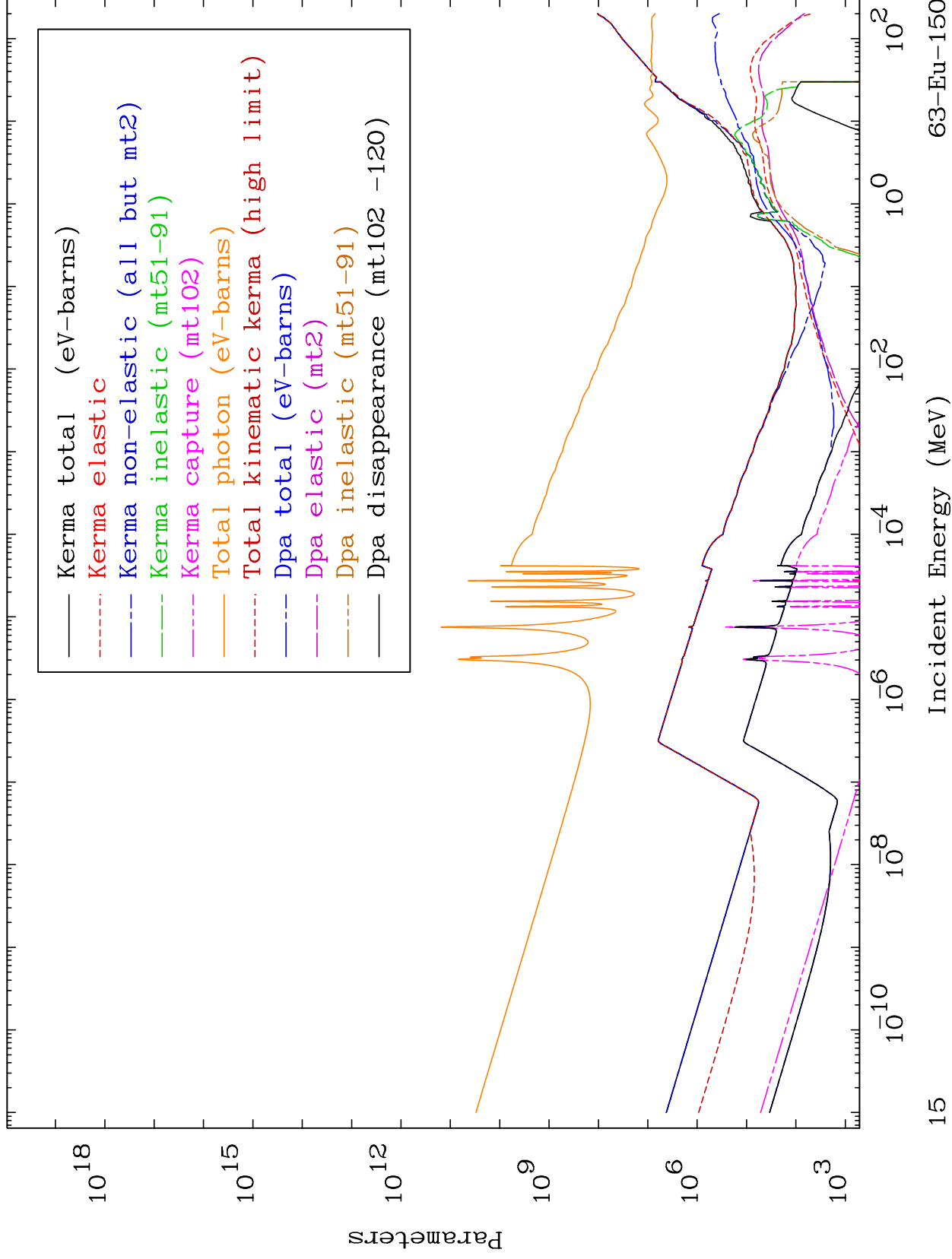
63-Eu-150

MAT 6322

(n, α) Levels
293 Kelvin Cross Sections

63-Eu-150

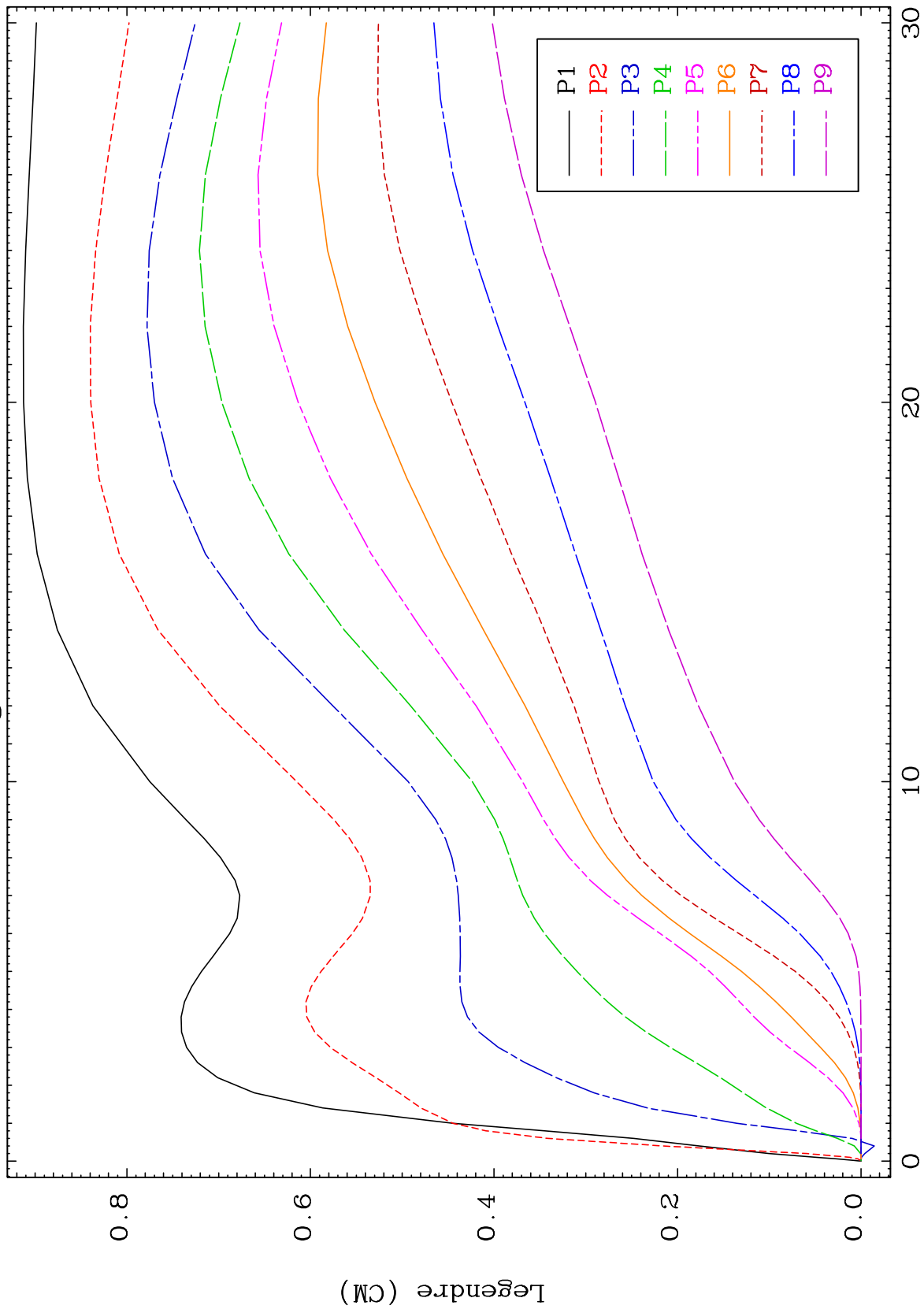




MAT 6322

Elastic Legendre Coefficients

63-Eu-150



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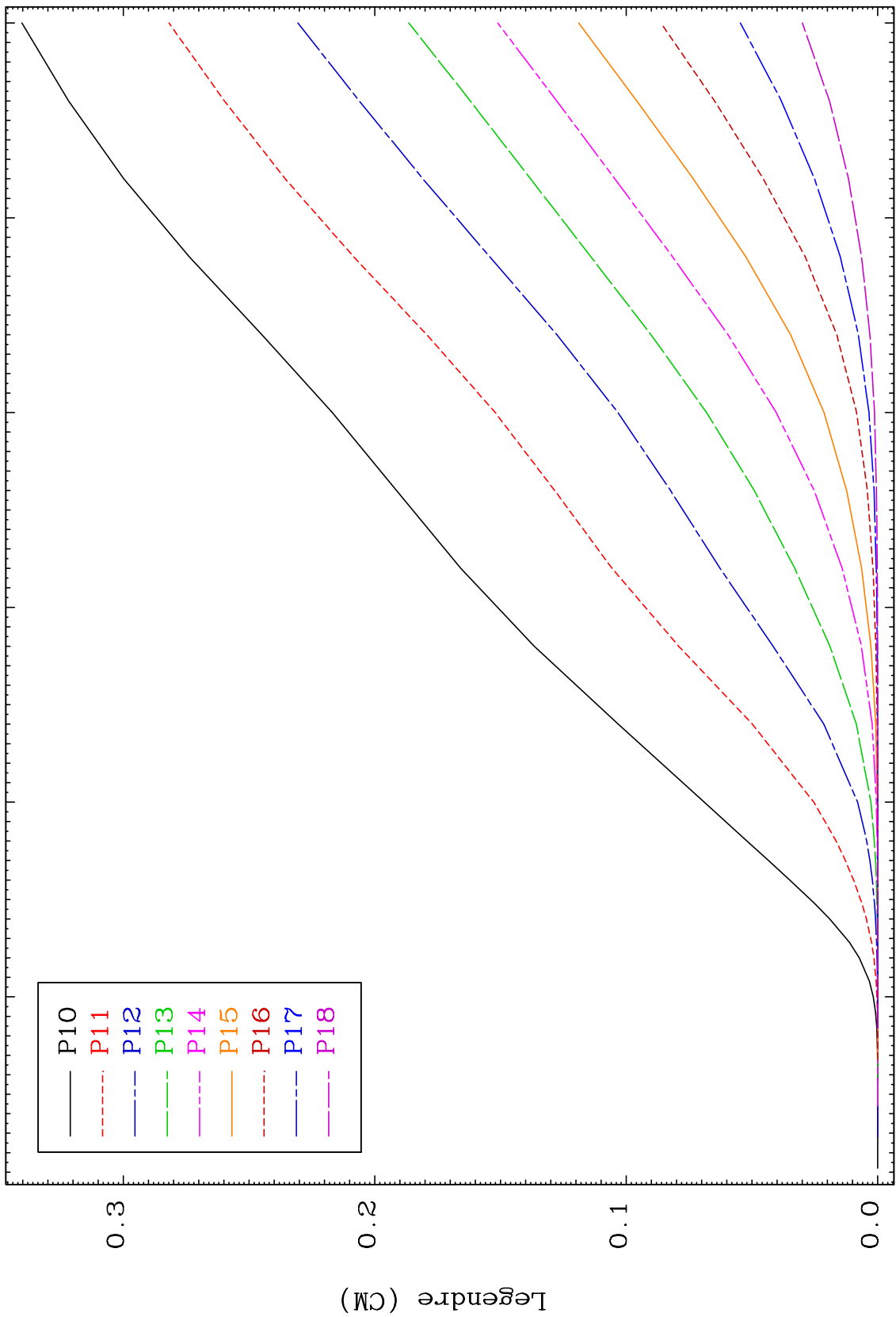
Incident Energy (MeV)

63-Eu-150

MAT 6322

Elastic Legendre Coefficients

63-Eu-150



17

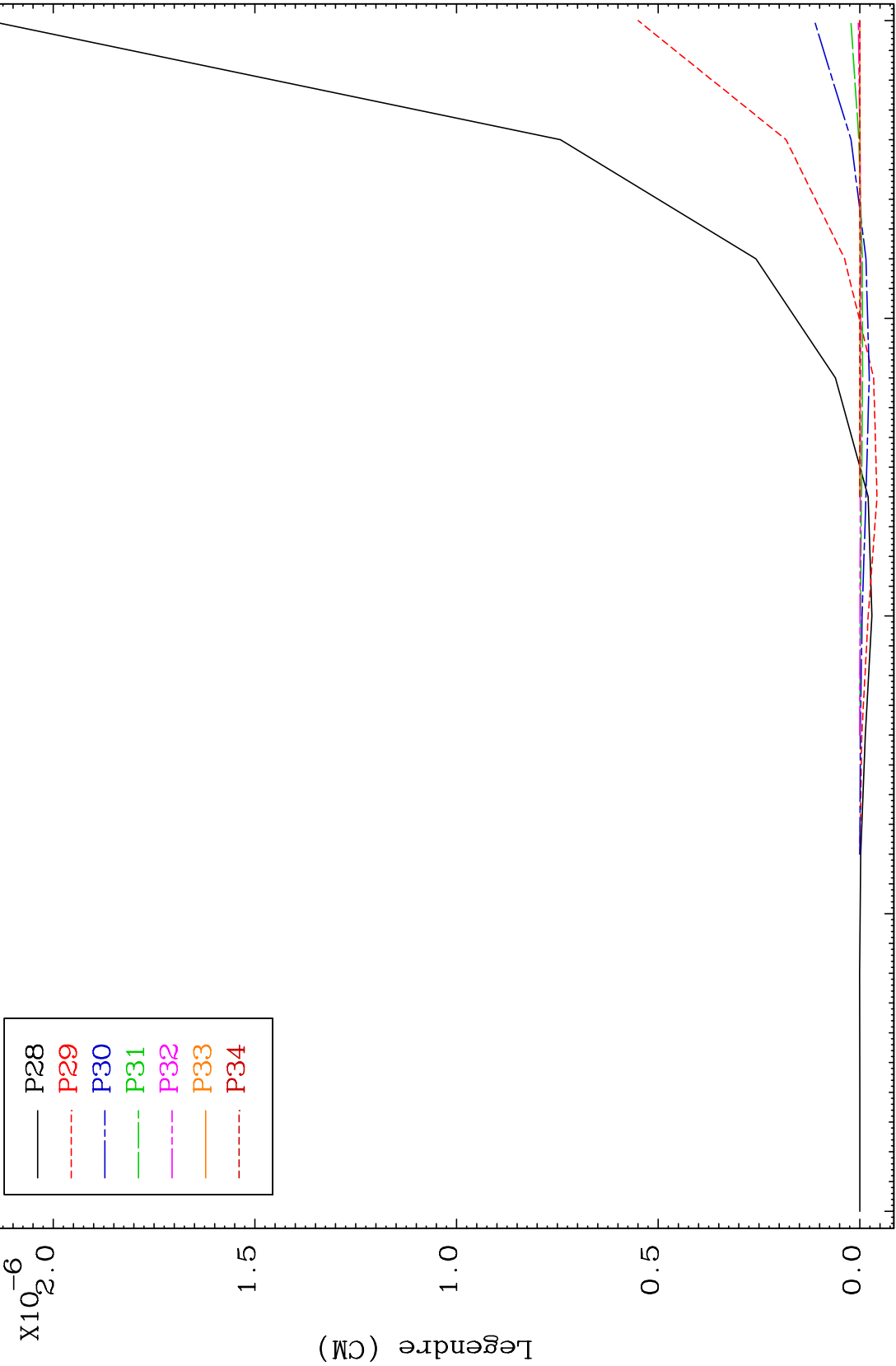
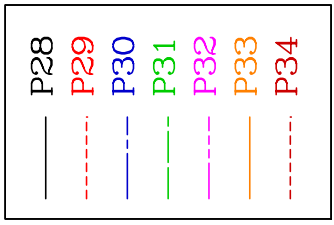
63-Eu-150

Incident Energy (MeV)

MAT 6322

Elastic Legendre Coefficients

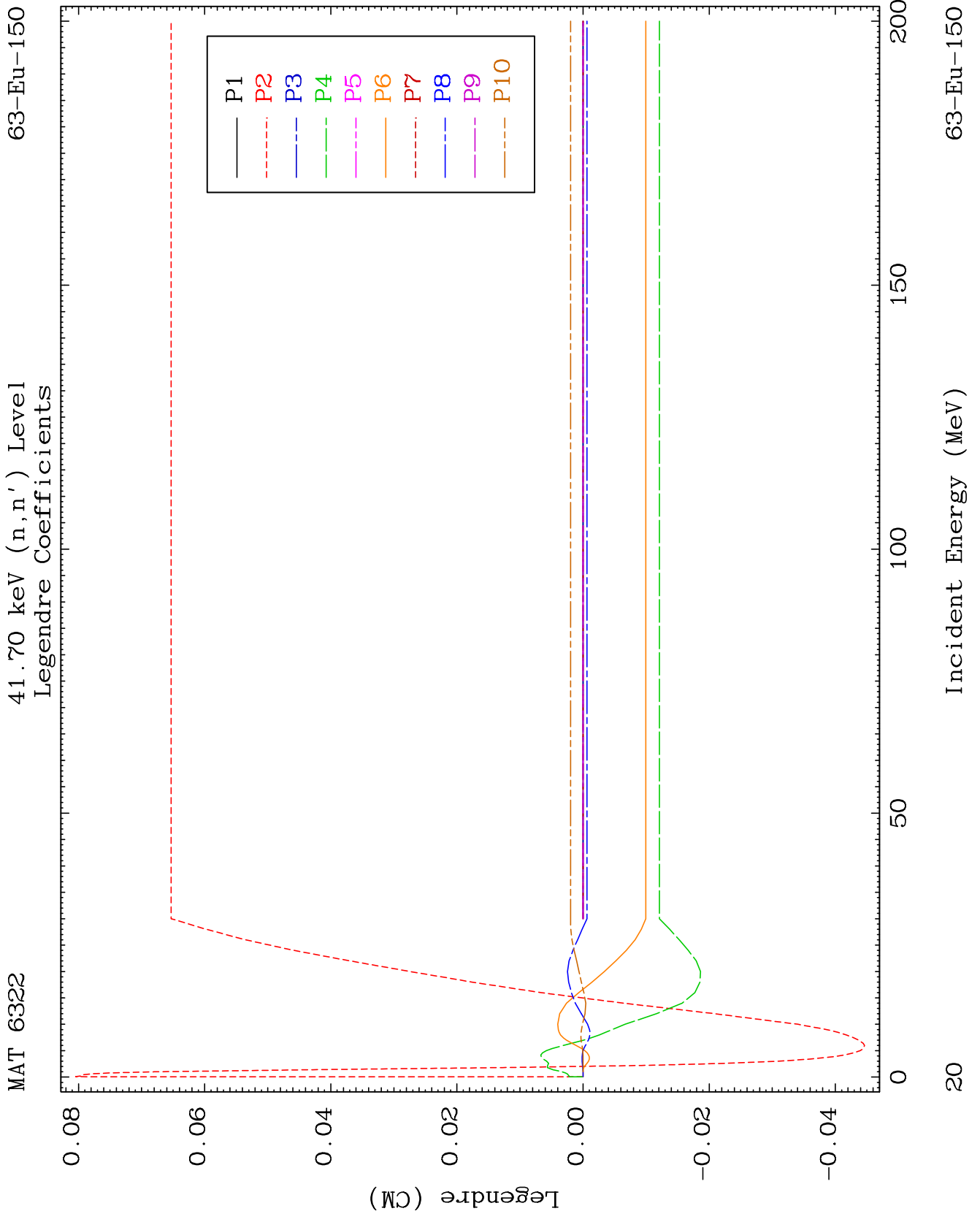
63-Eu-150

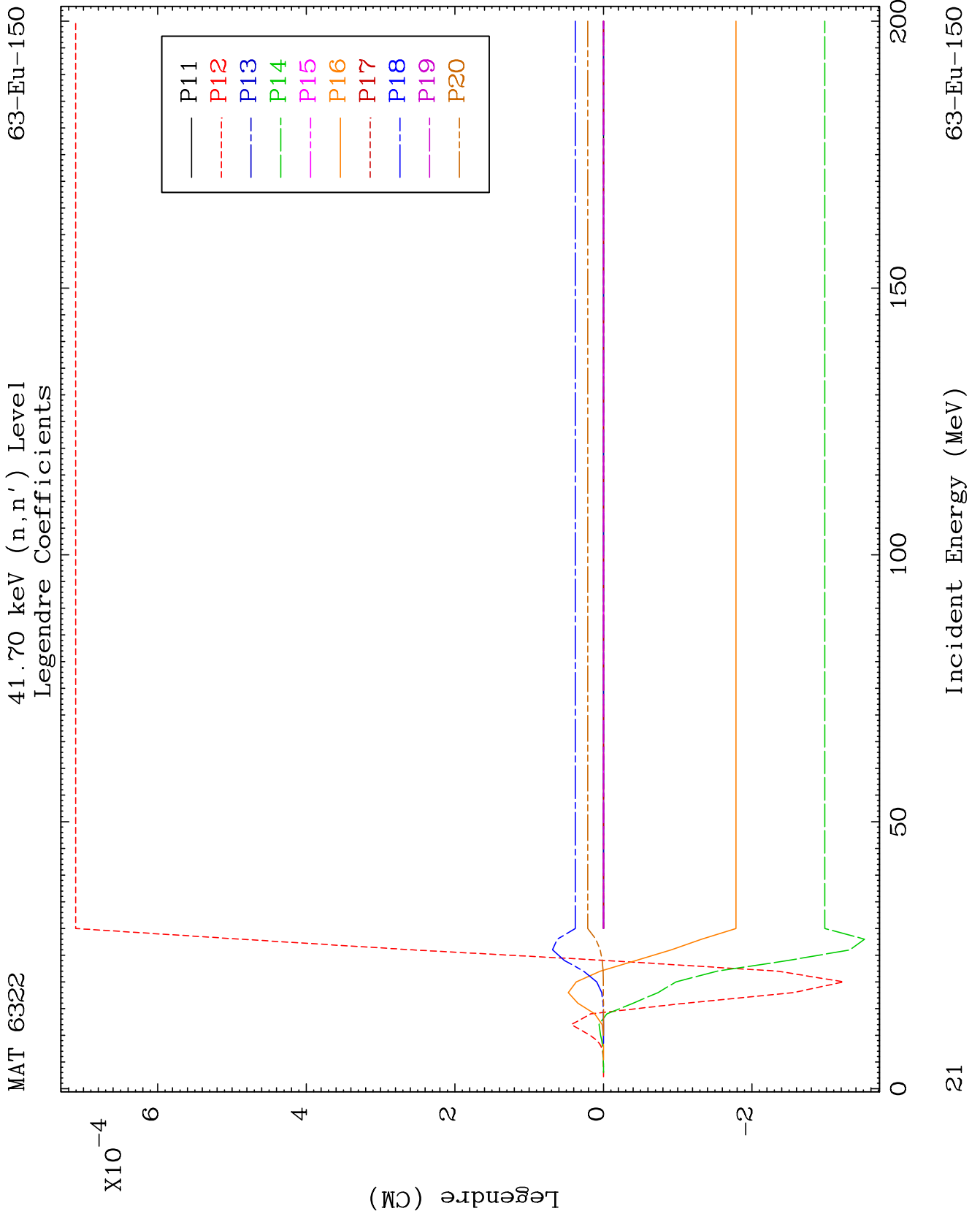


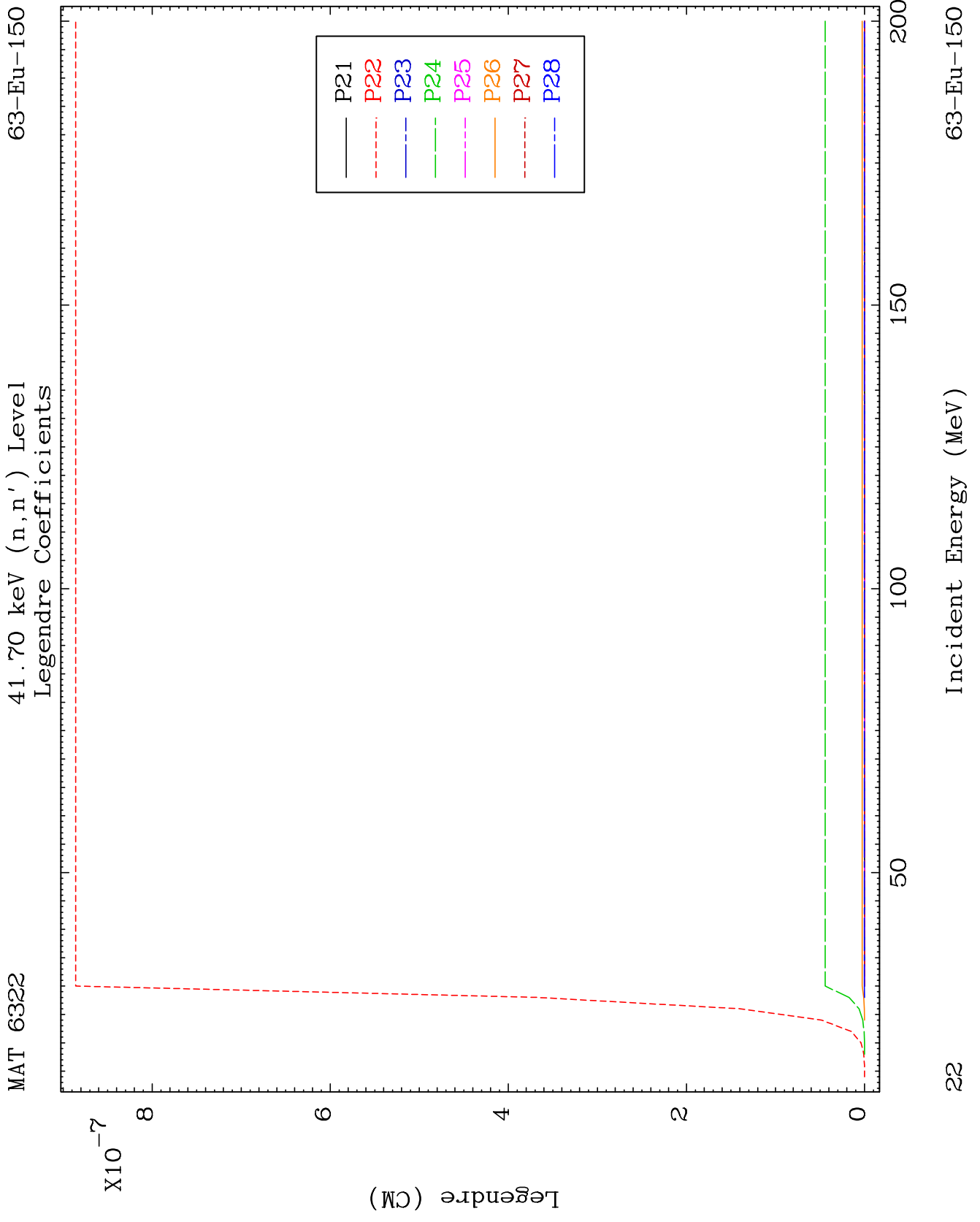
19

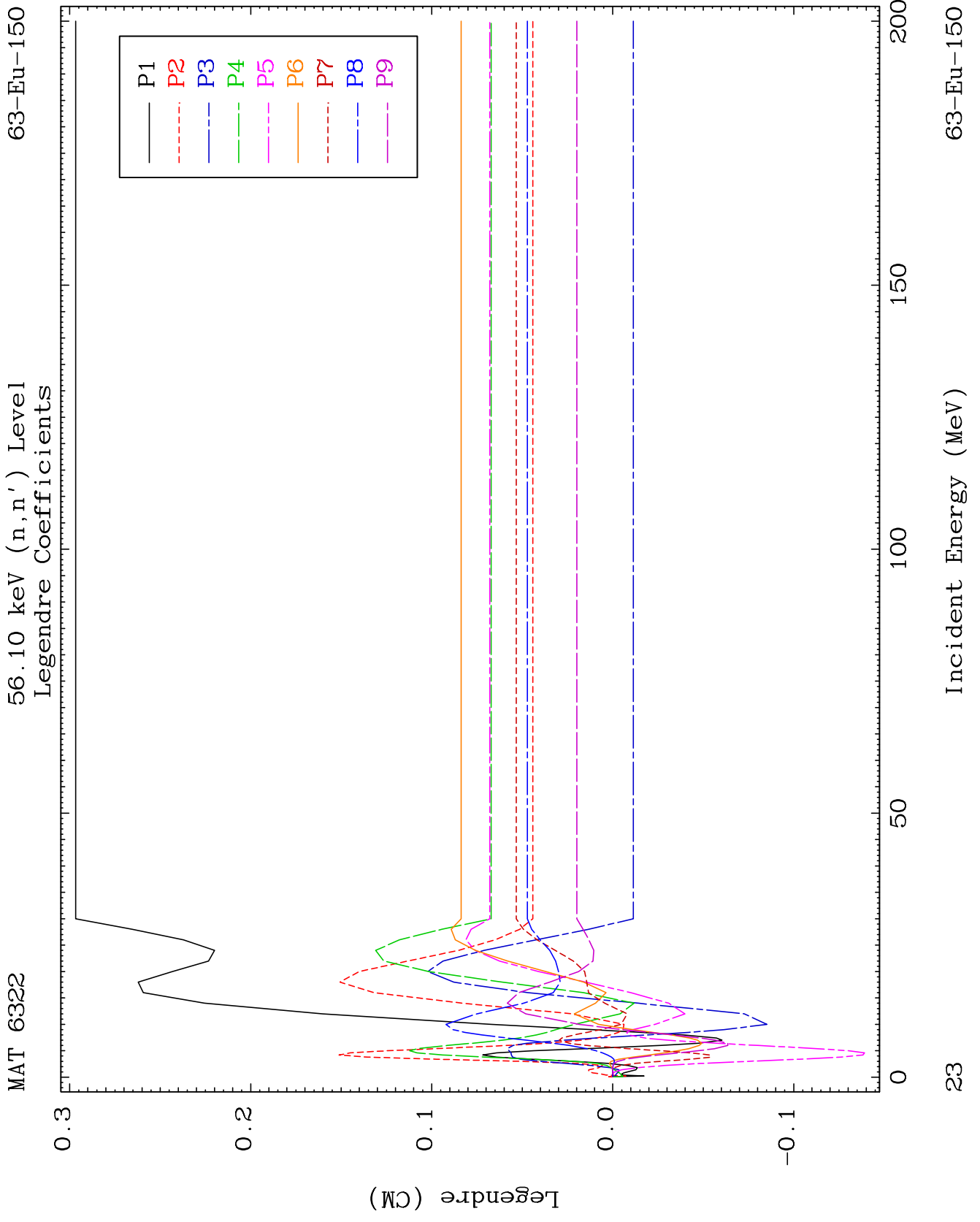
Incident Energy (MeV)

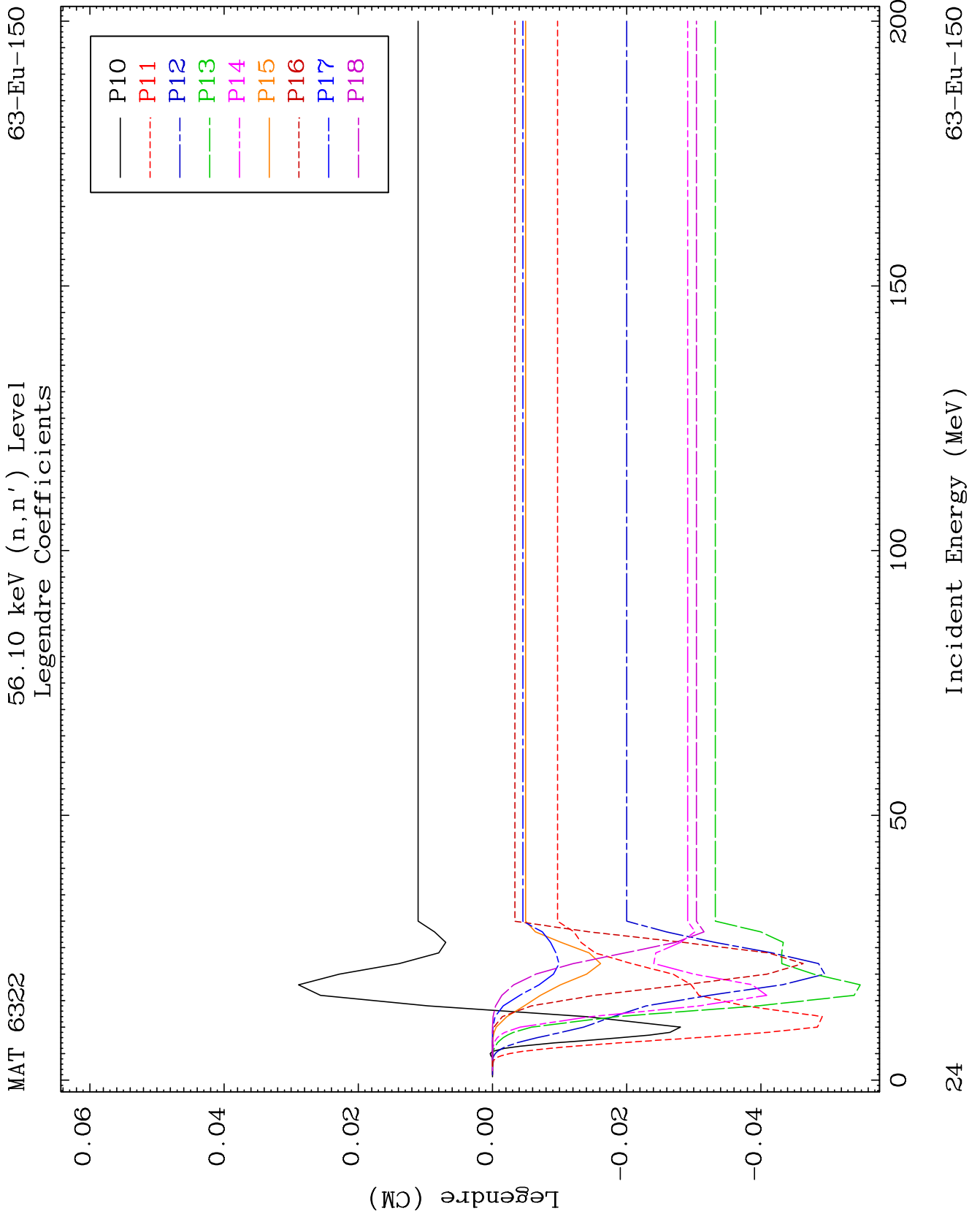
63-Eu-150







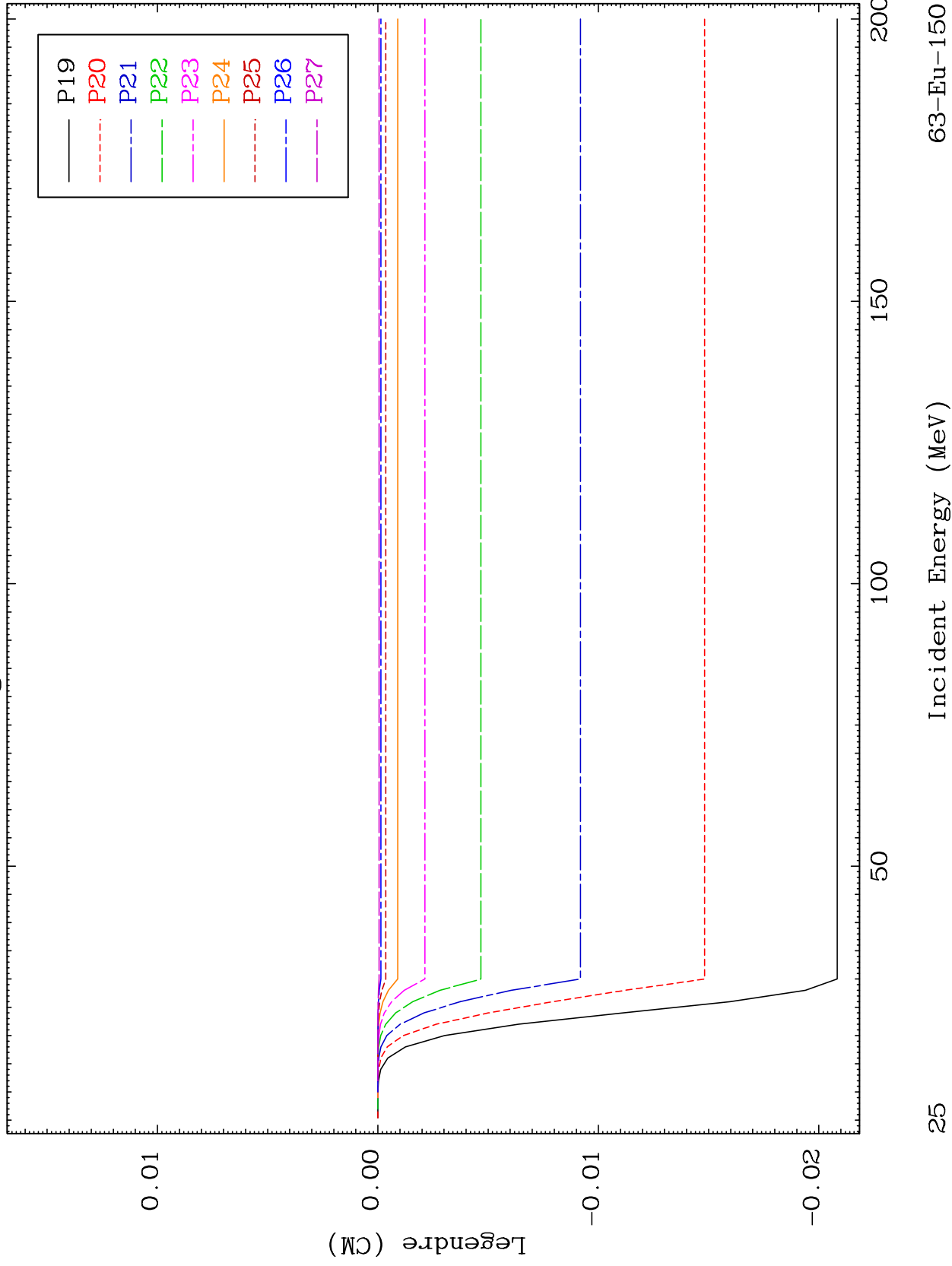




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56.10 keV (n,n') Level
Legendre Coefficients

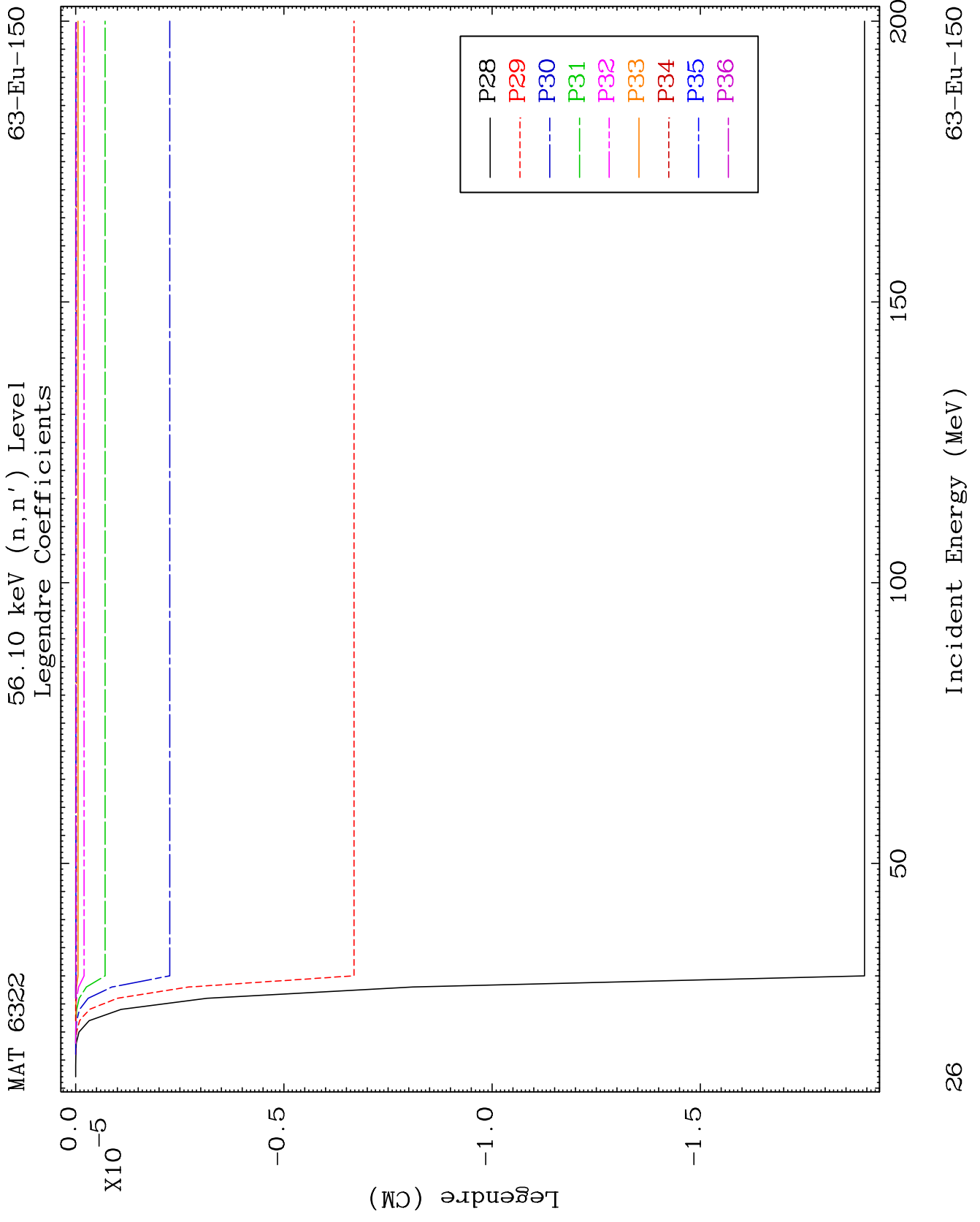
63-Eu-150

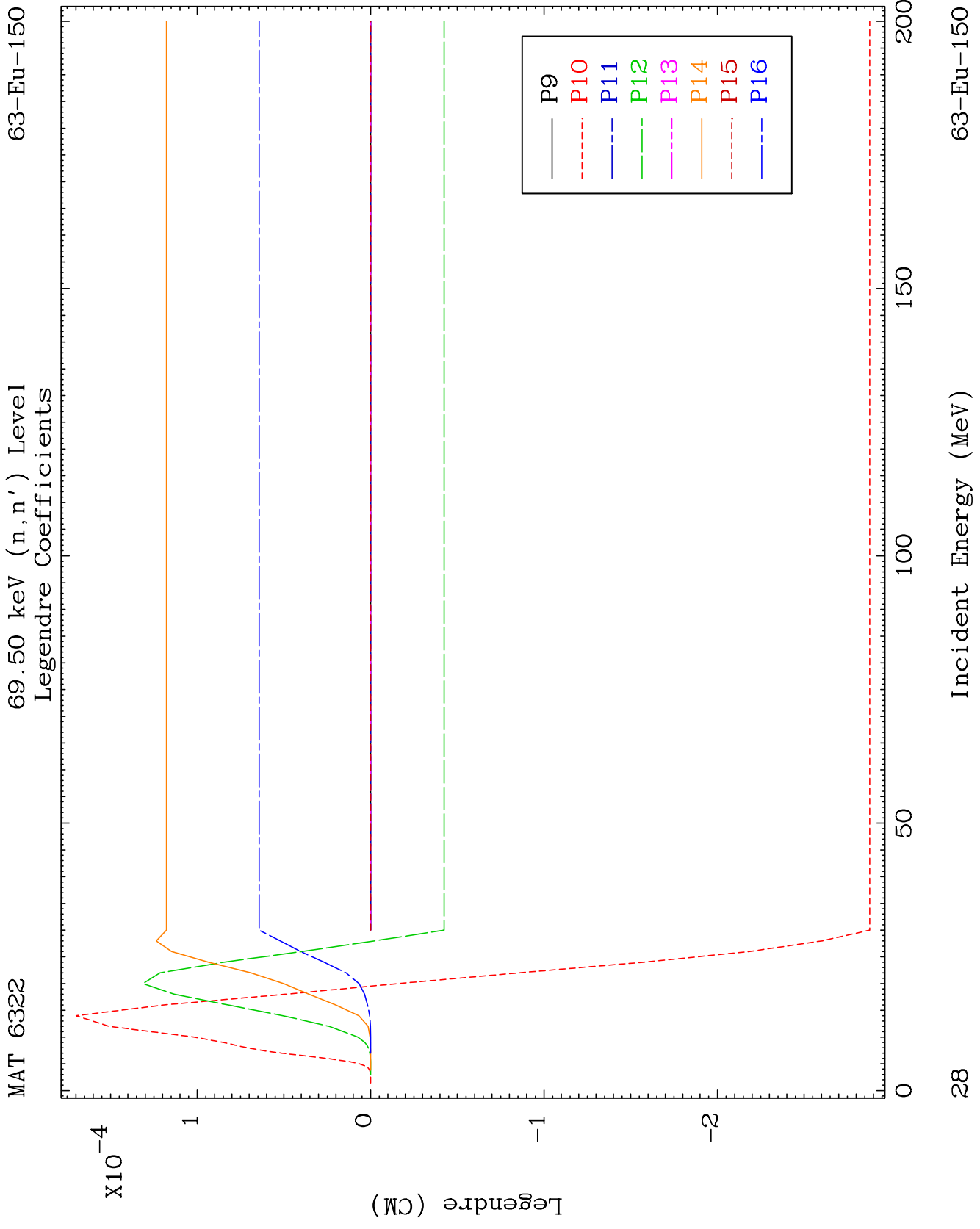


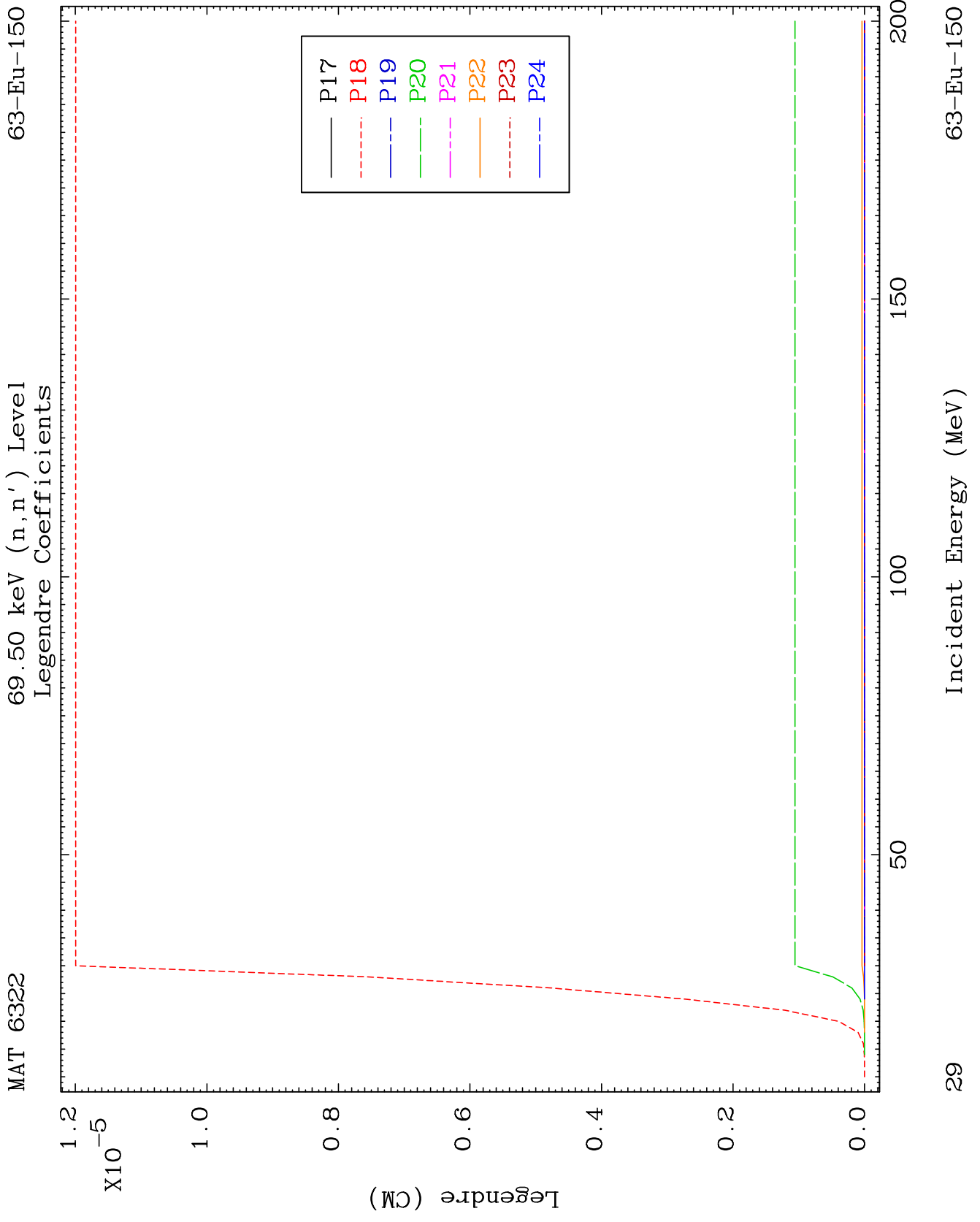
25

Incident Energy (MeV)

63-Eu-150



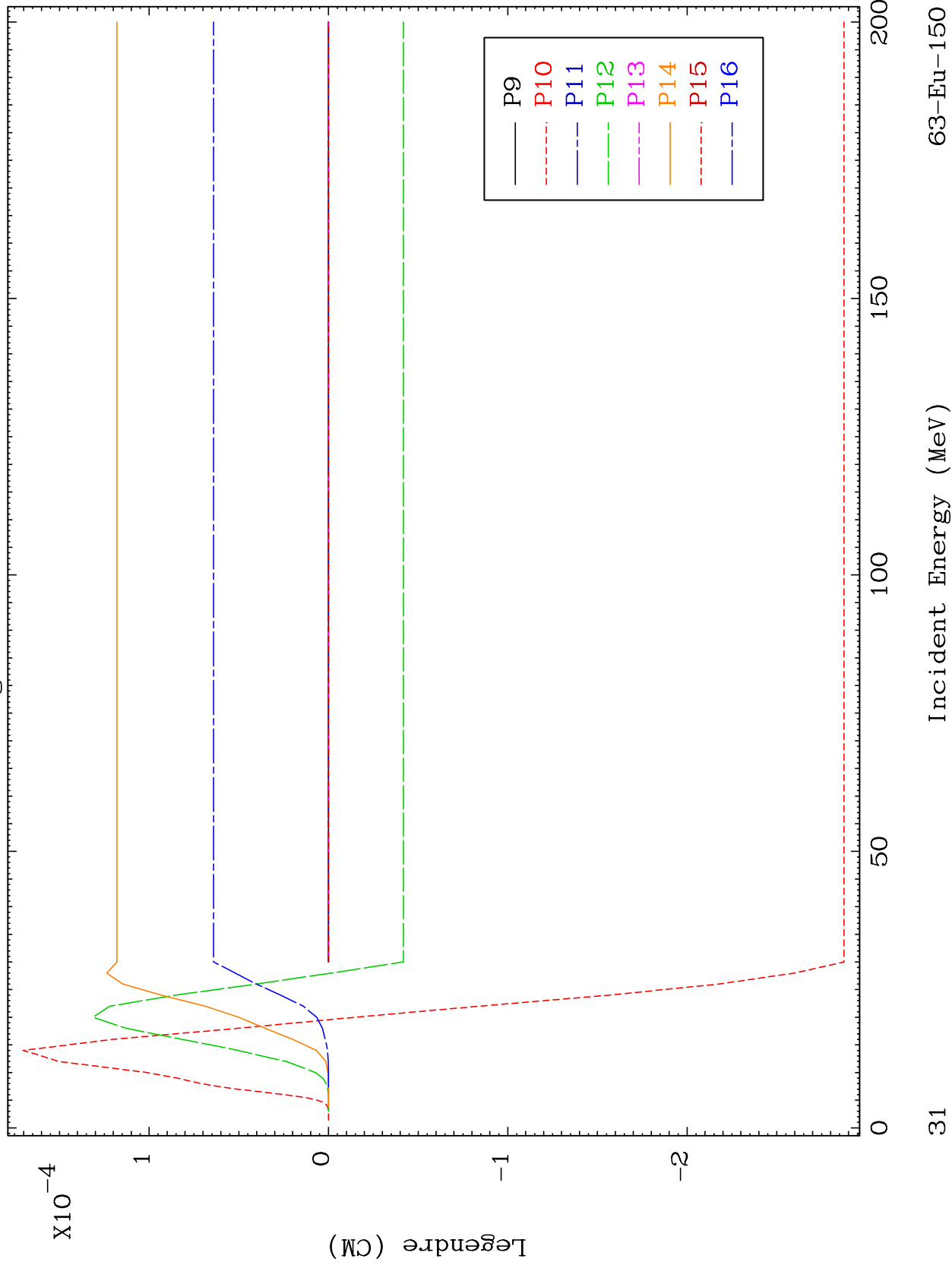


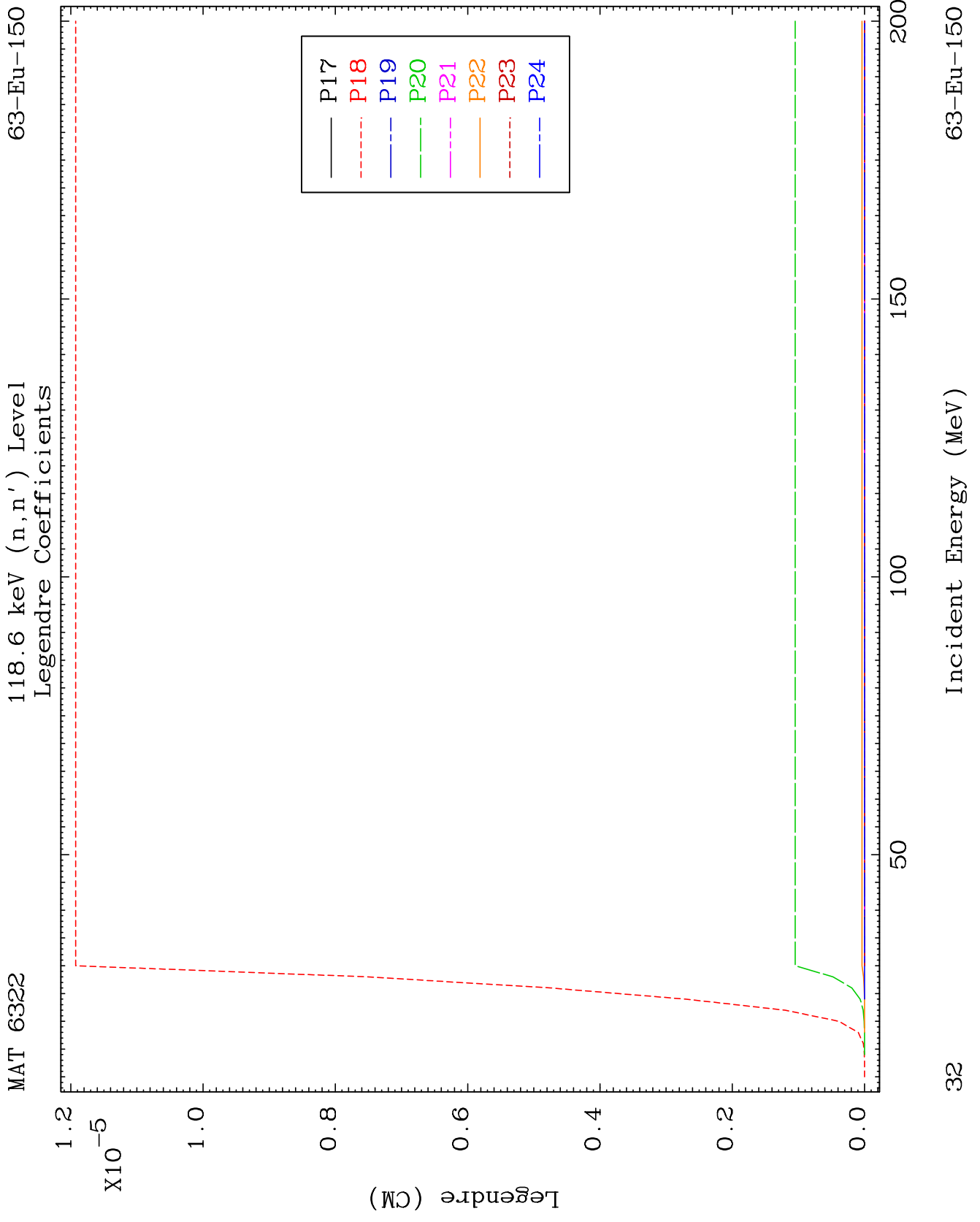


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118.6 keV (n,n') Level
Legendre Coefficients

63-Eu-150

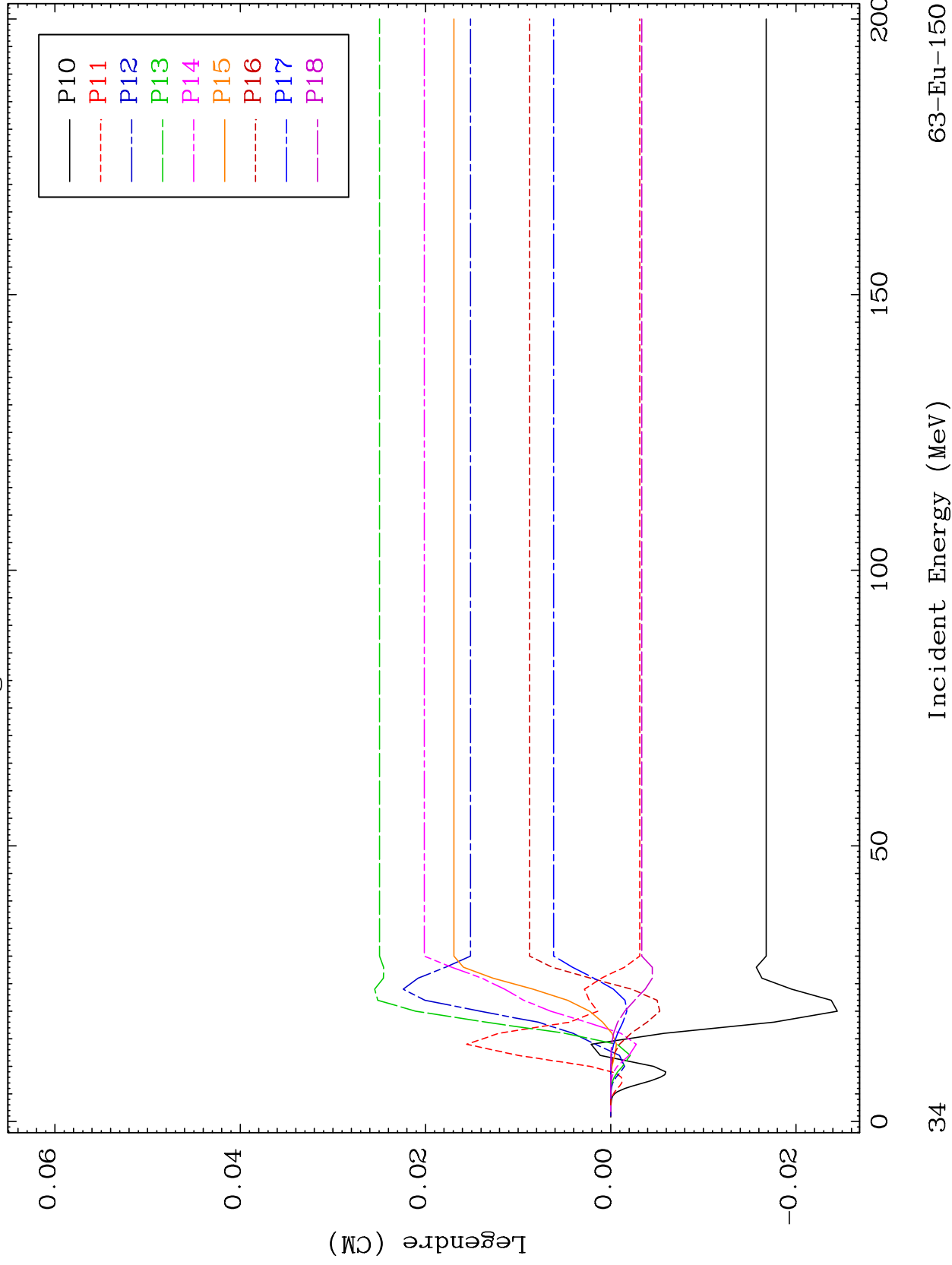




MAT 6322

181.1 keV (n,n') Level
Legendre Coefficients

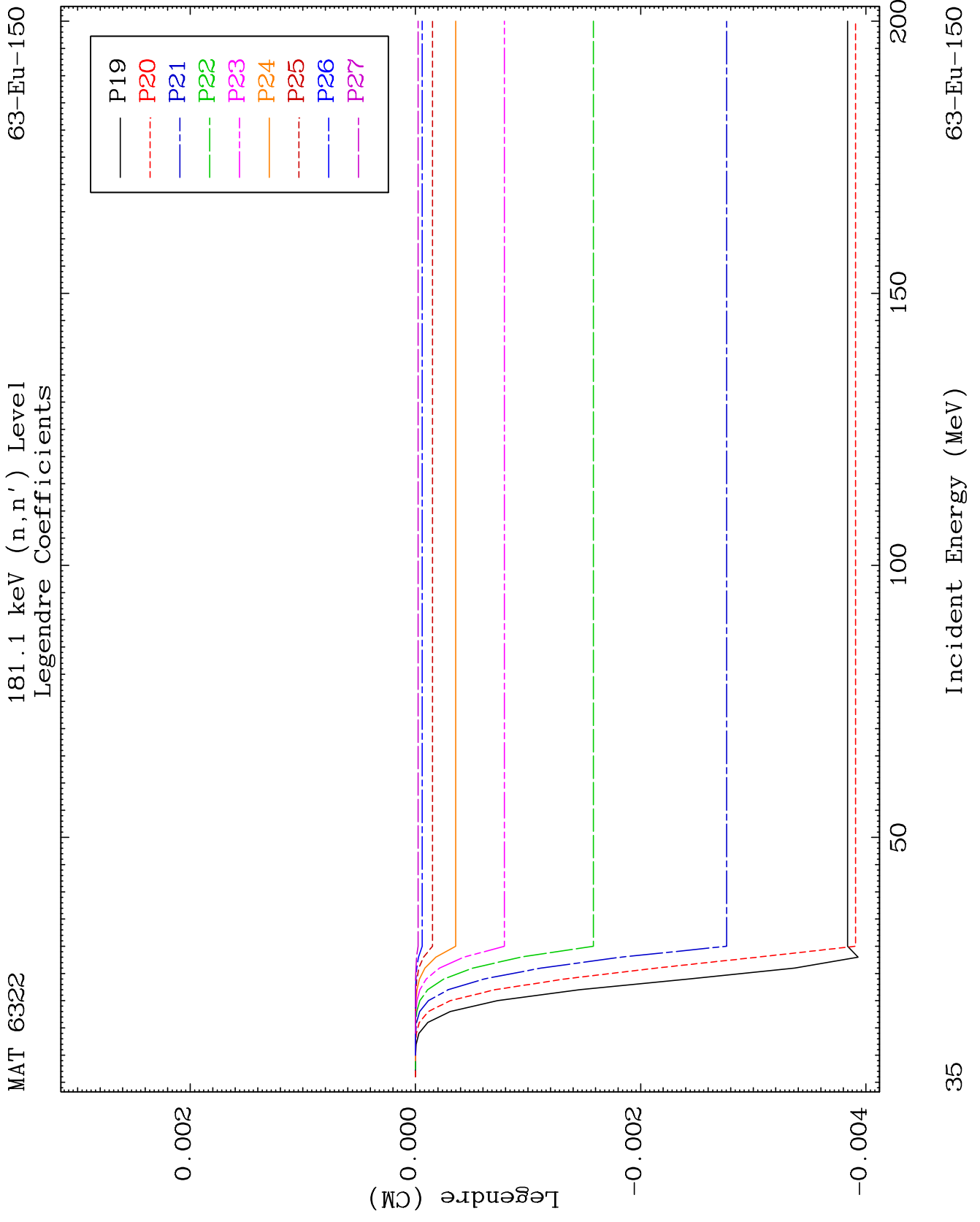
63-Eu-150



34

Incident Energy (MeV)

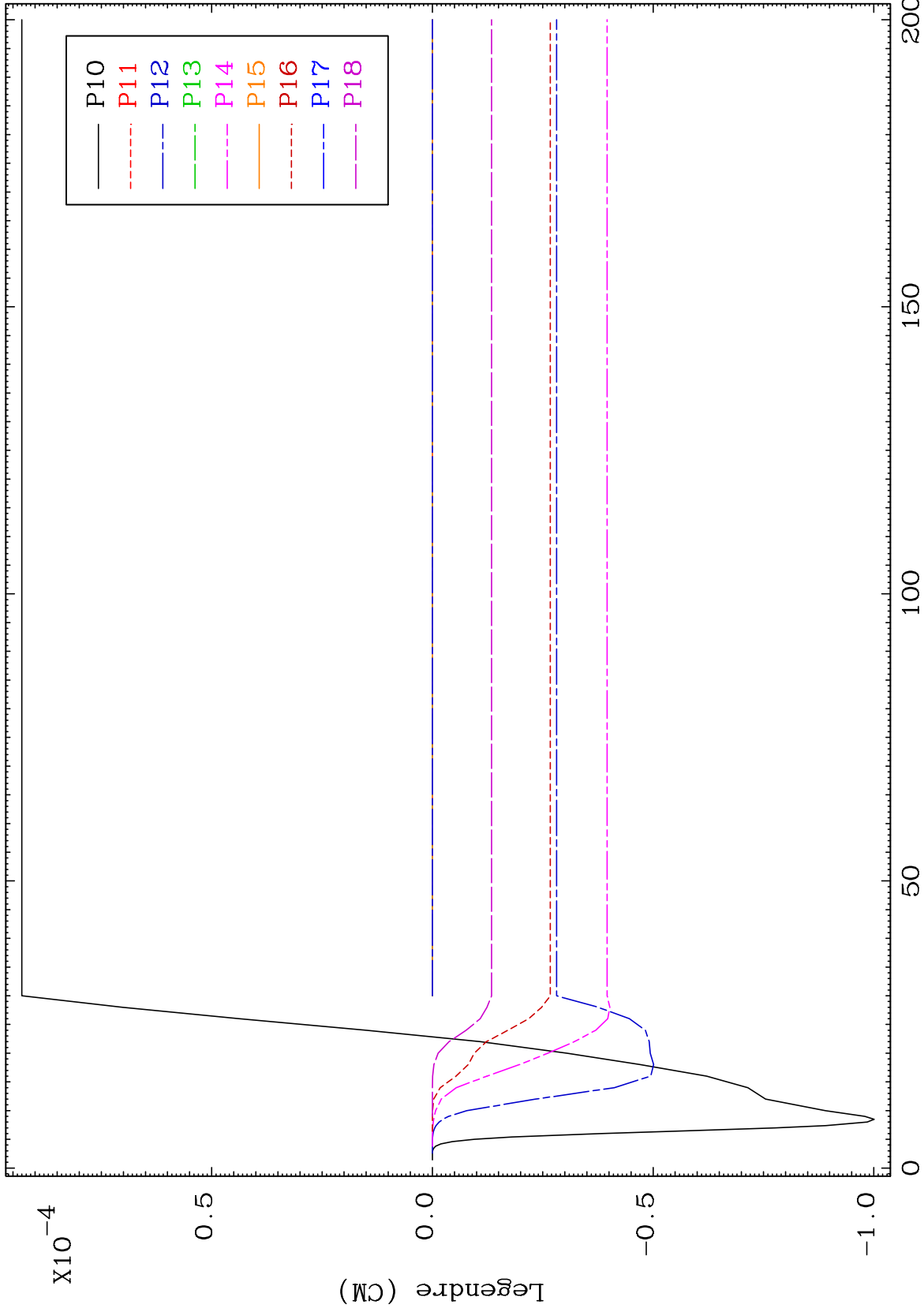
63-Eu-150



MAT 6322

190.4 keV (n,n') Level
Legendre Coefficients

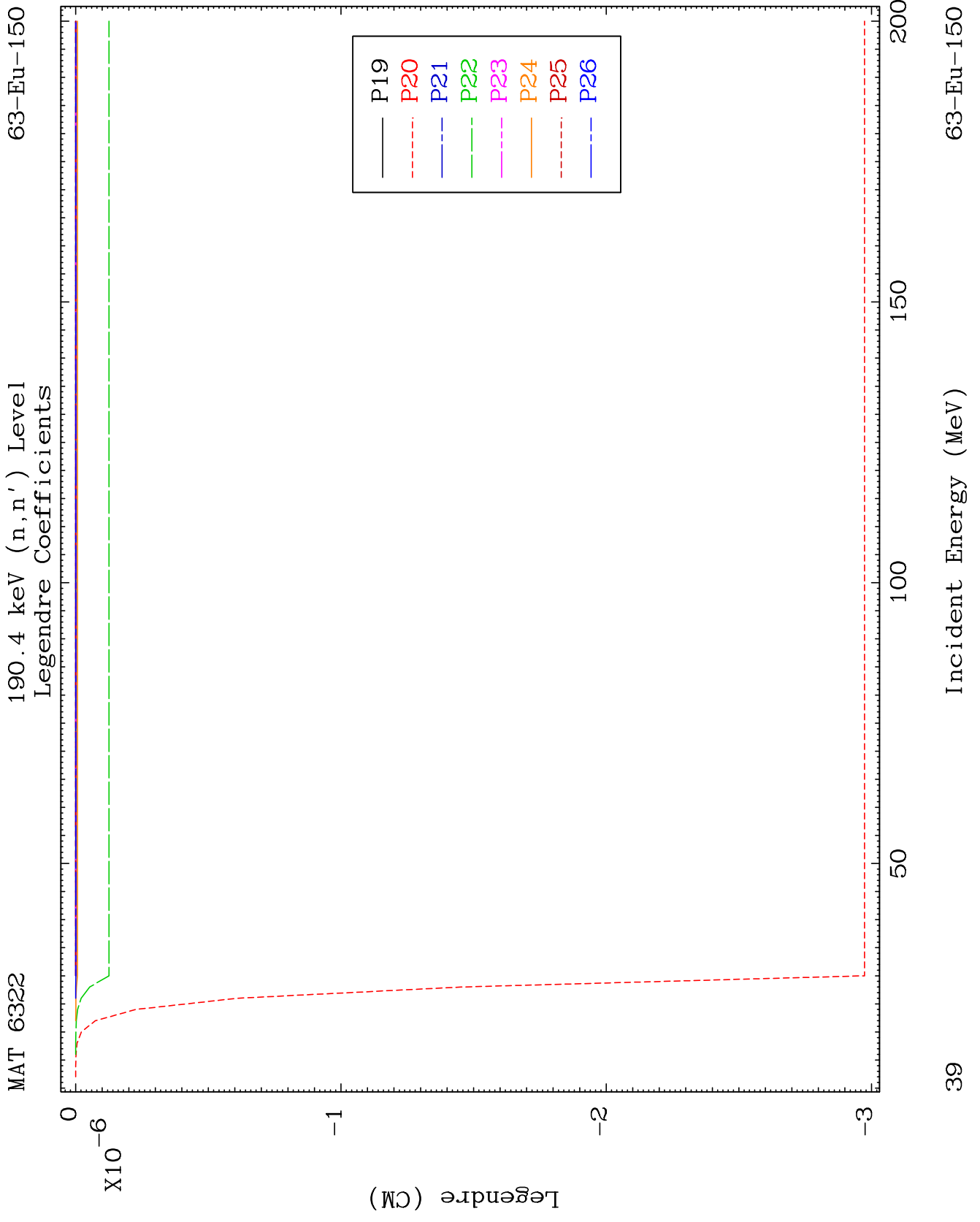
63-Eu-150



38

Incident Energy (MeV)

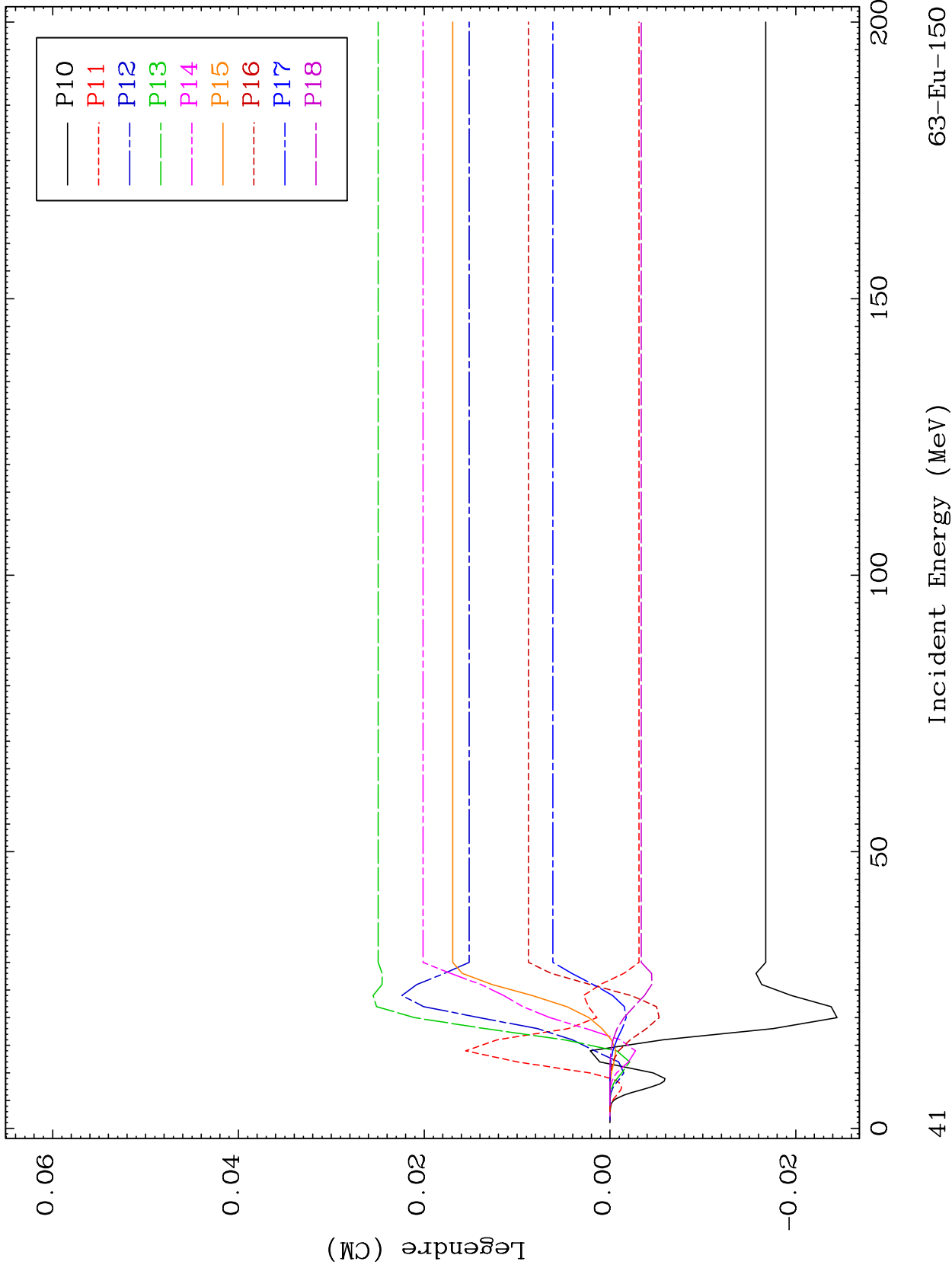
63-Eu-150



MAT 6322

195.2 keV (n,n') Level
Legendre Coefficients

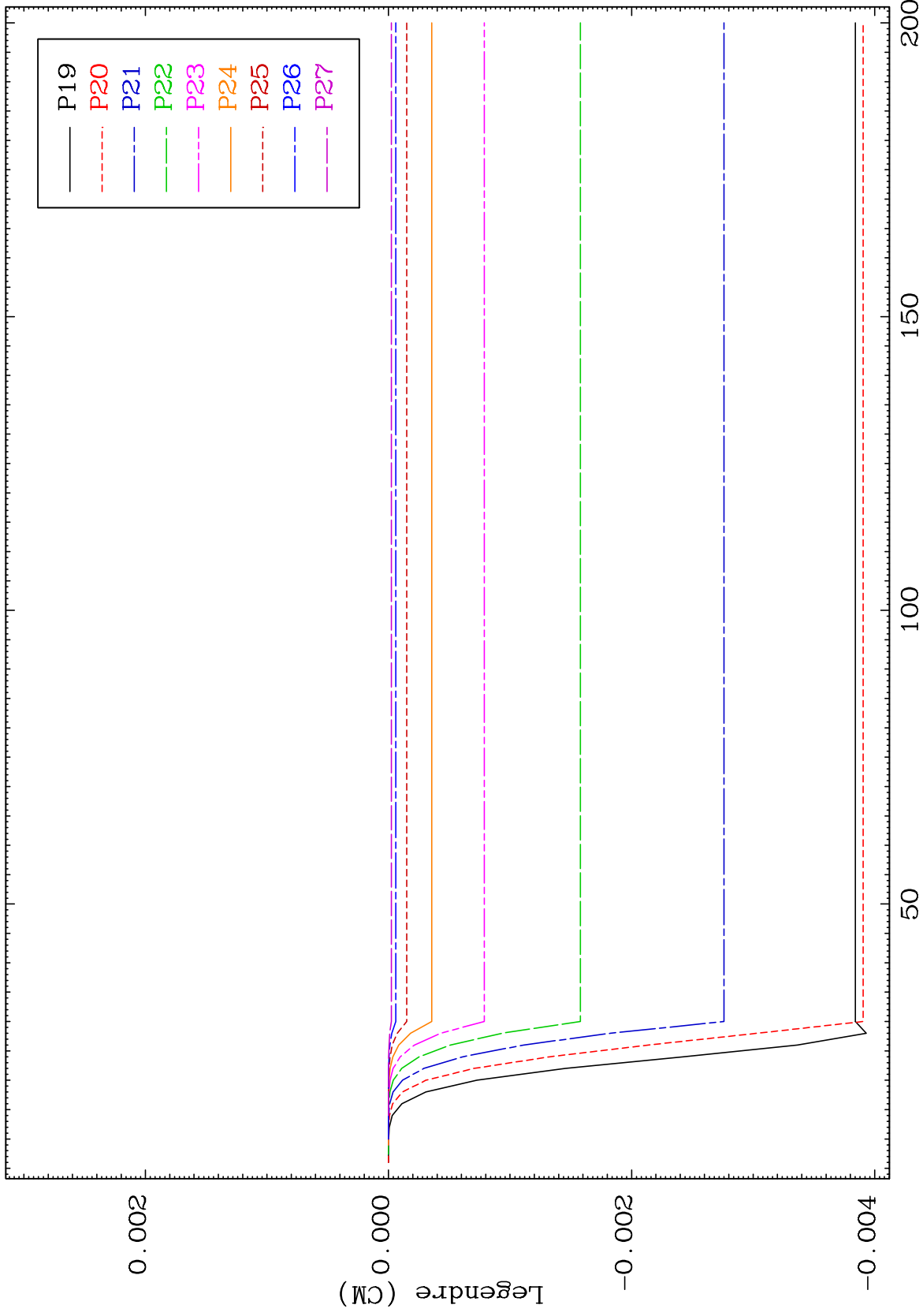
63-Eu-150



MAT 6322

195.2 keV (n,n') Level
Legendre Coefficients

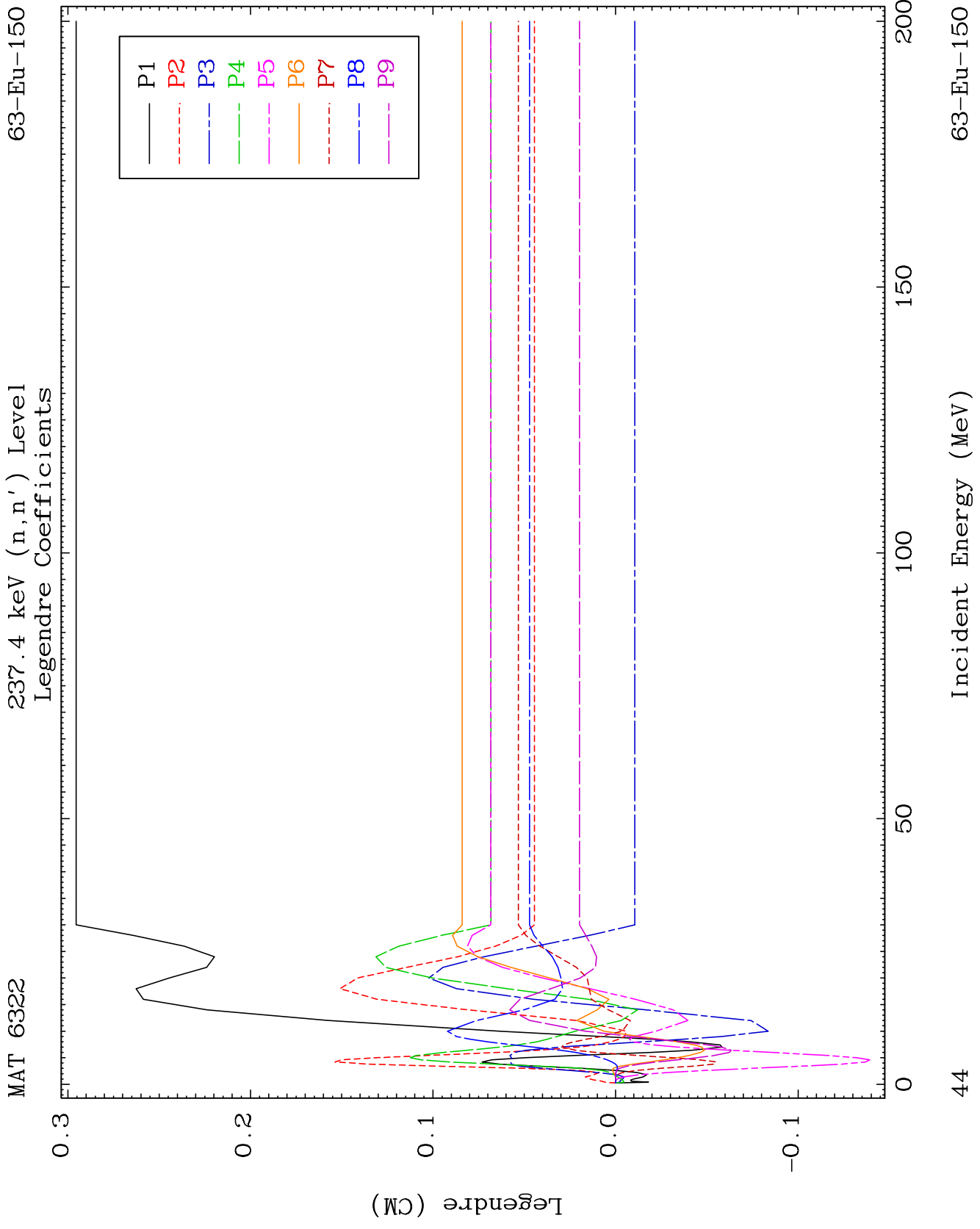
63-Eu-150



42

Incident Energy (MeV)

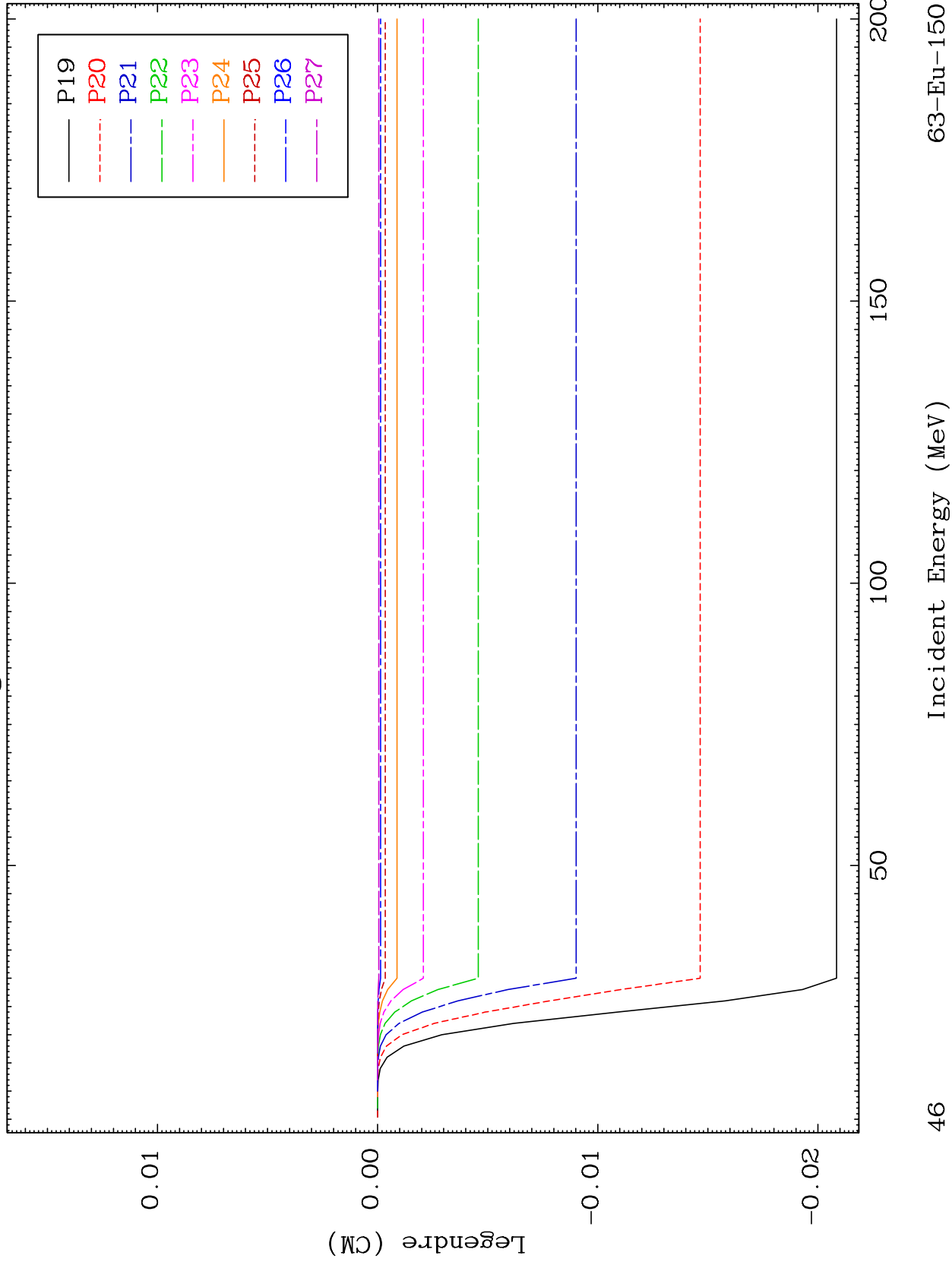
63-Eu-150



MAT 6322

237.4 keV (n,n') Level
Legendre Coefficients

63-Eu-150



46

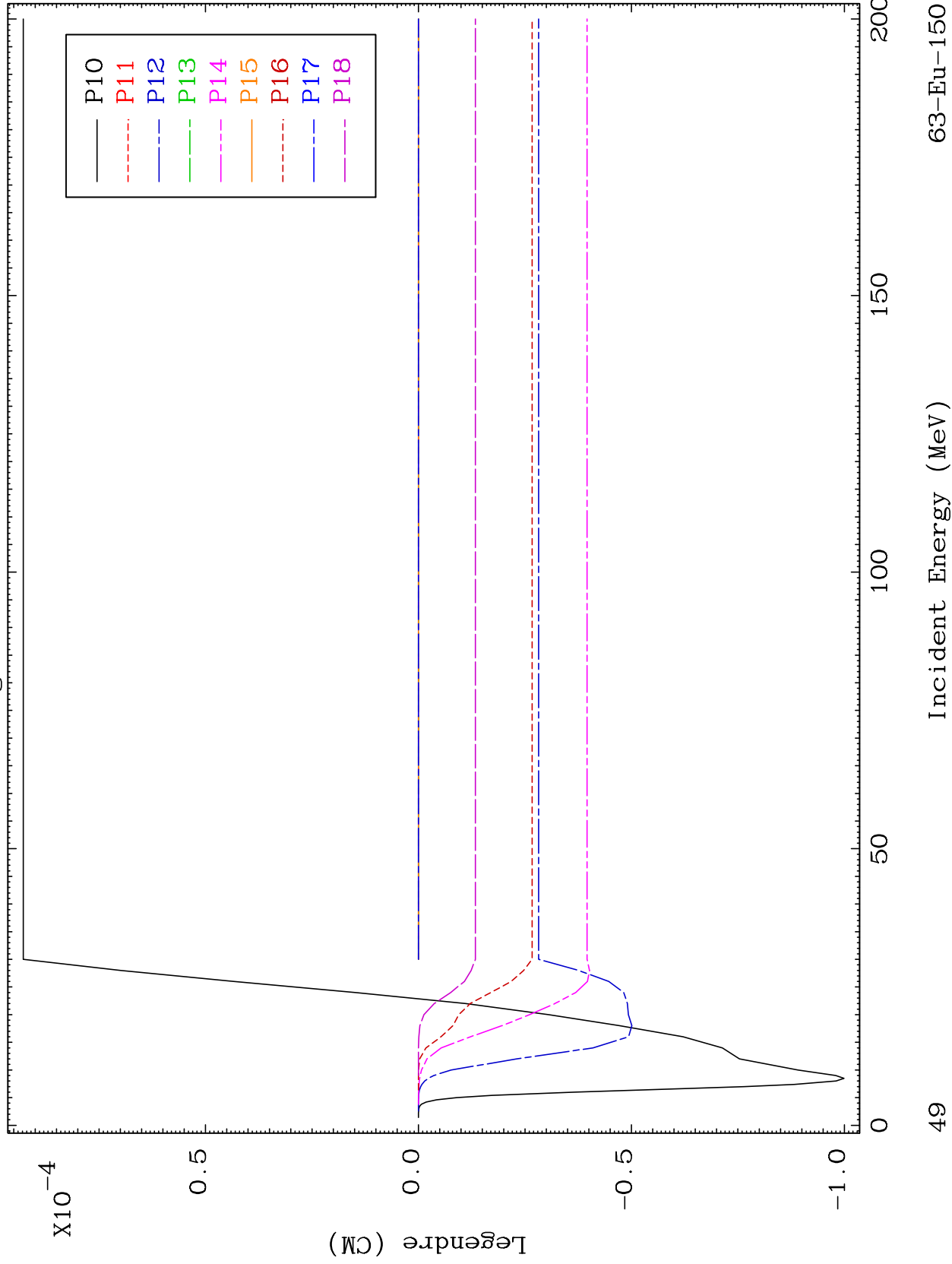
Incident Energy (MeV)

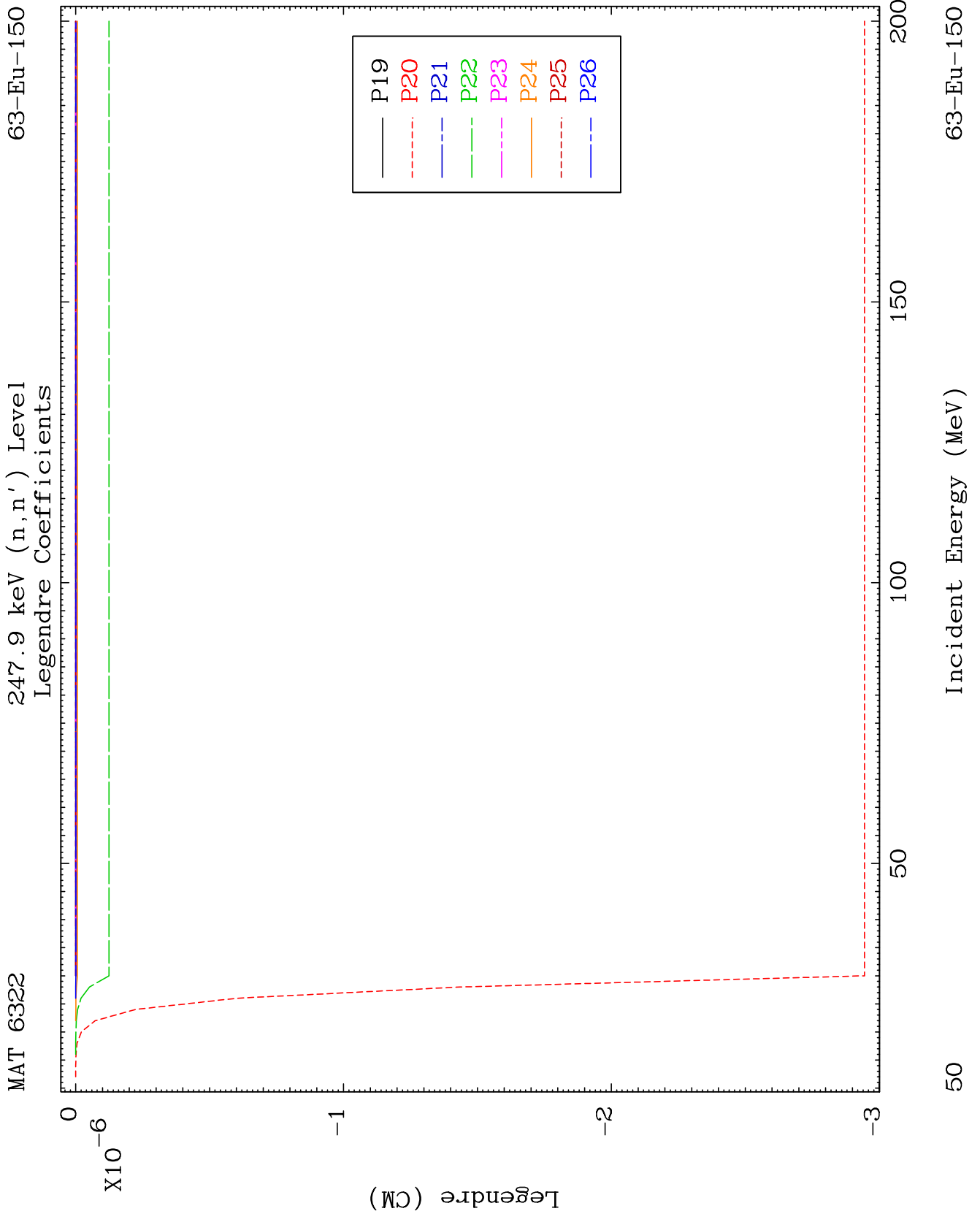
63-Eu-150

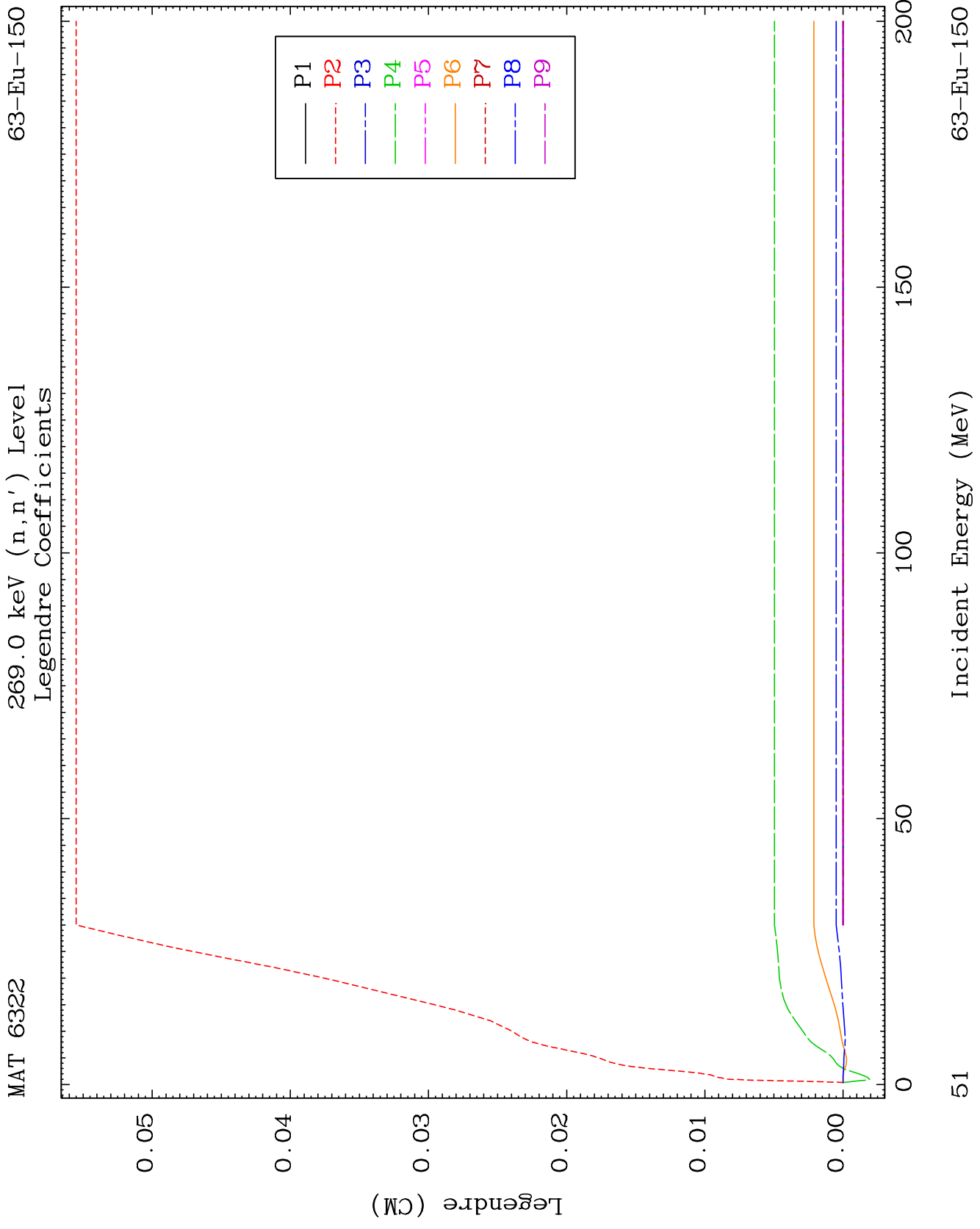
MAT 6322

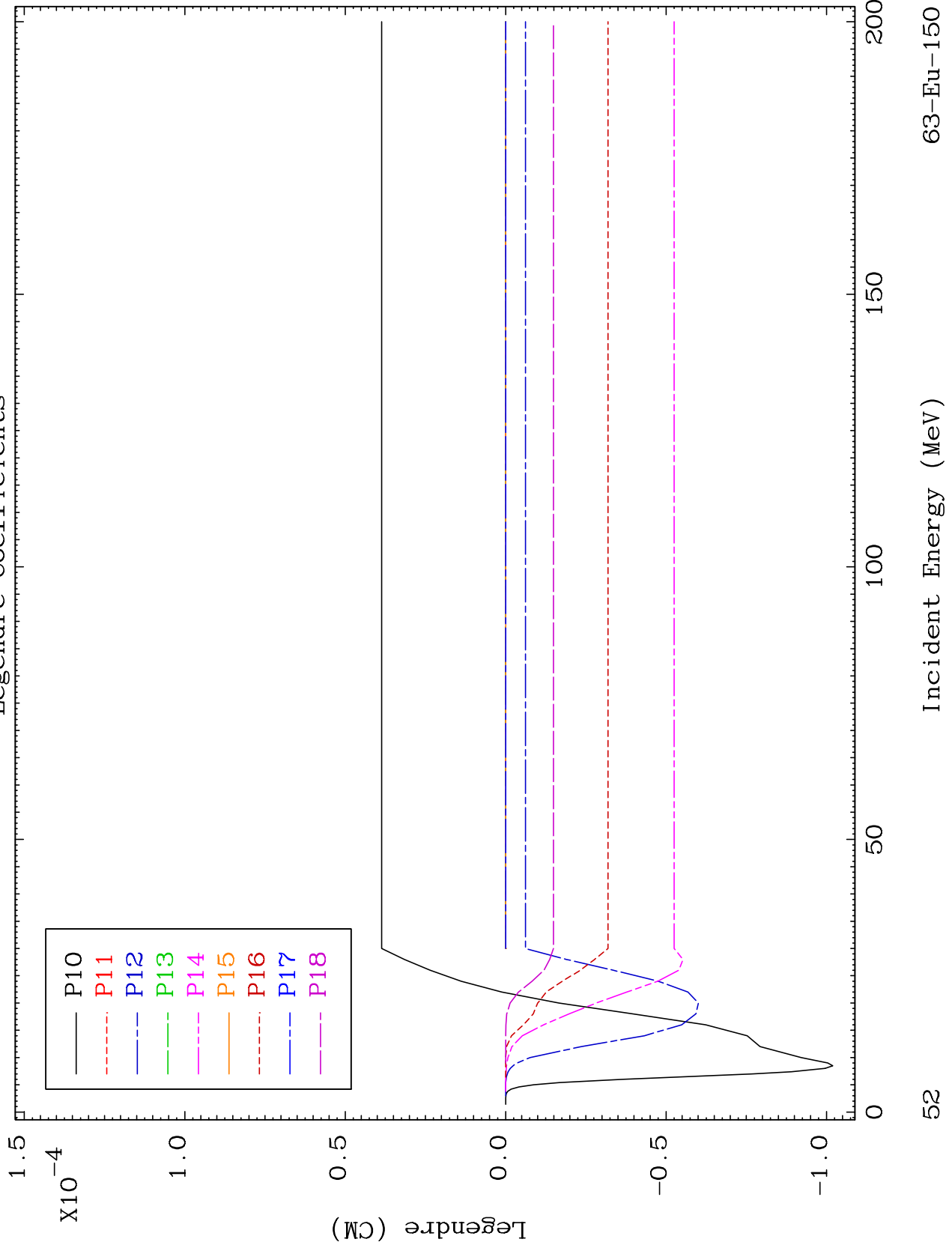
247.9 keV (n,n') Level
Legendre Coefficients

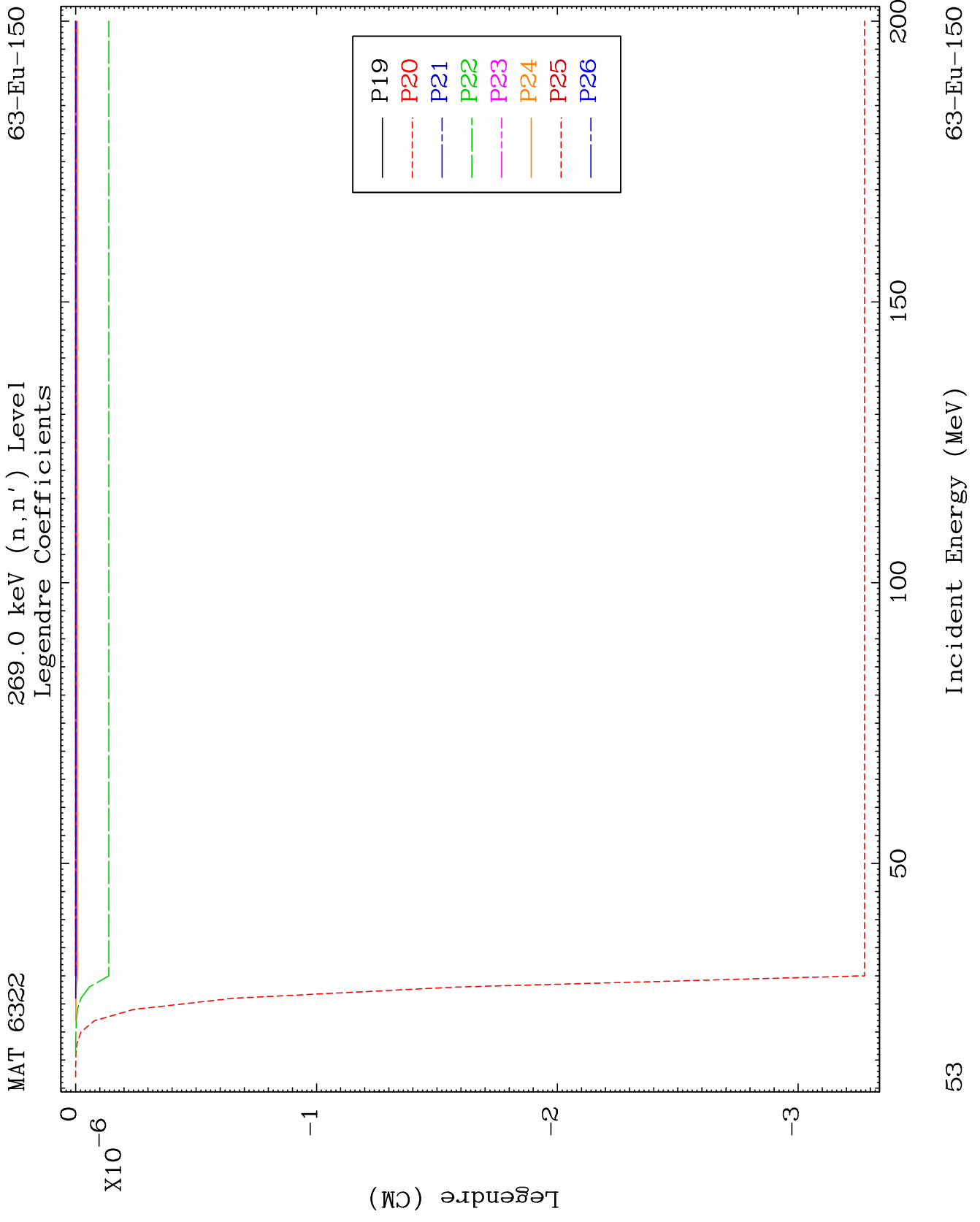
63-Eu-150

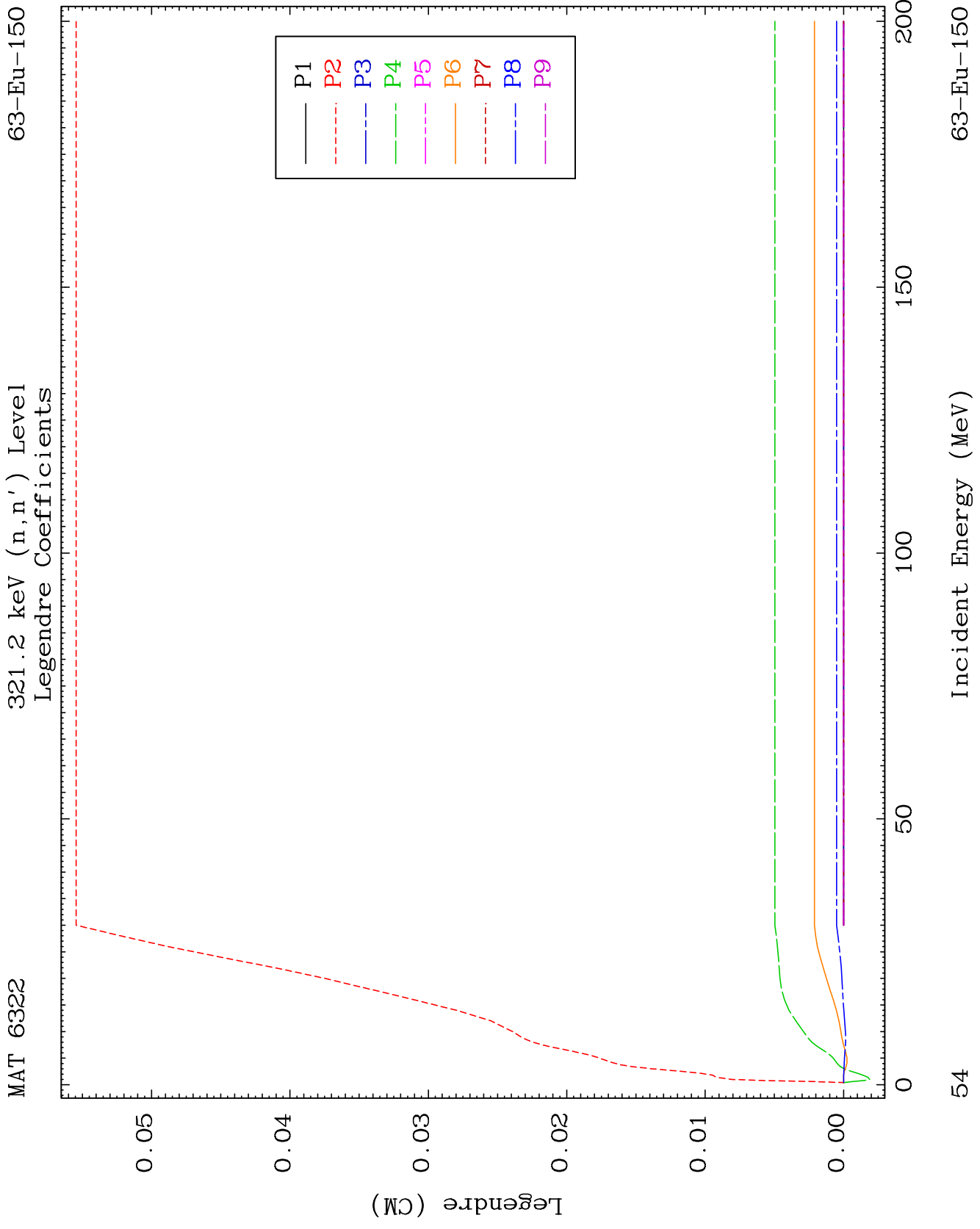








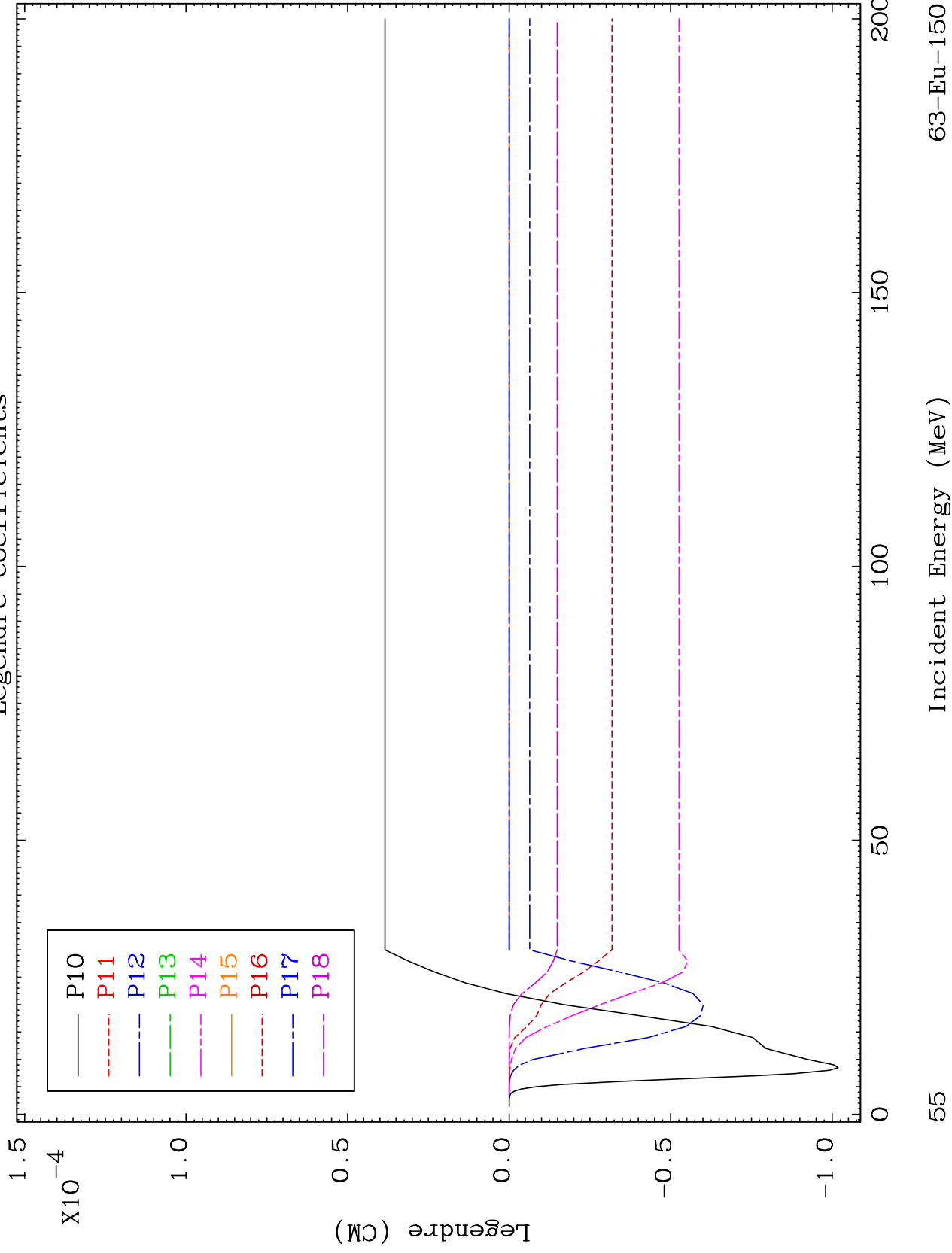




MAT 6322

321.2 keV (n,n') Level
Legendre Coefficients

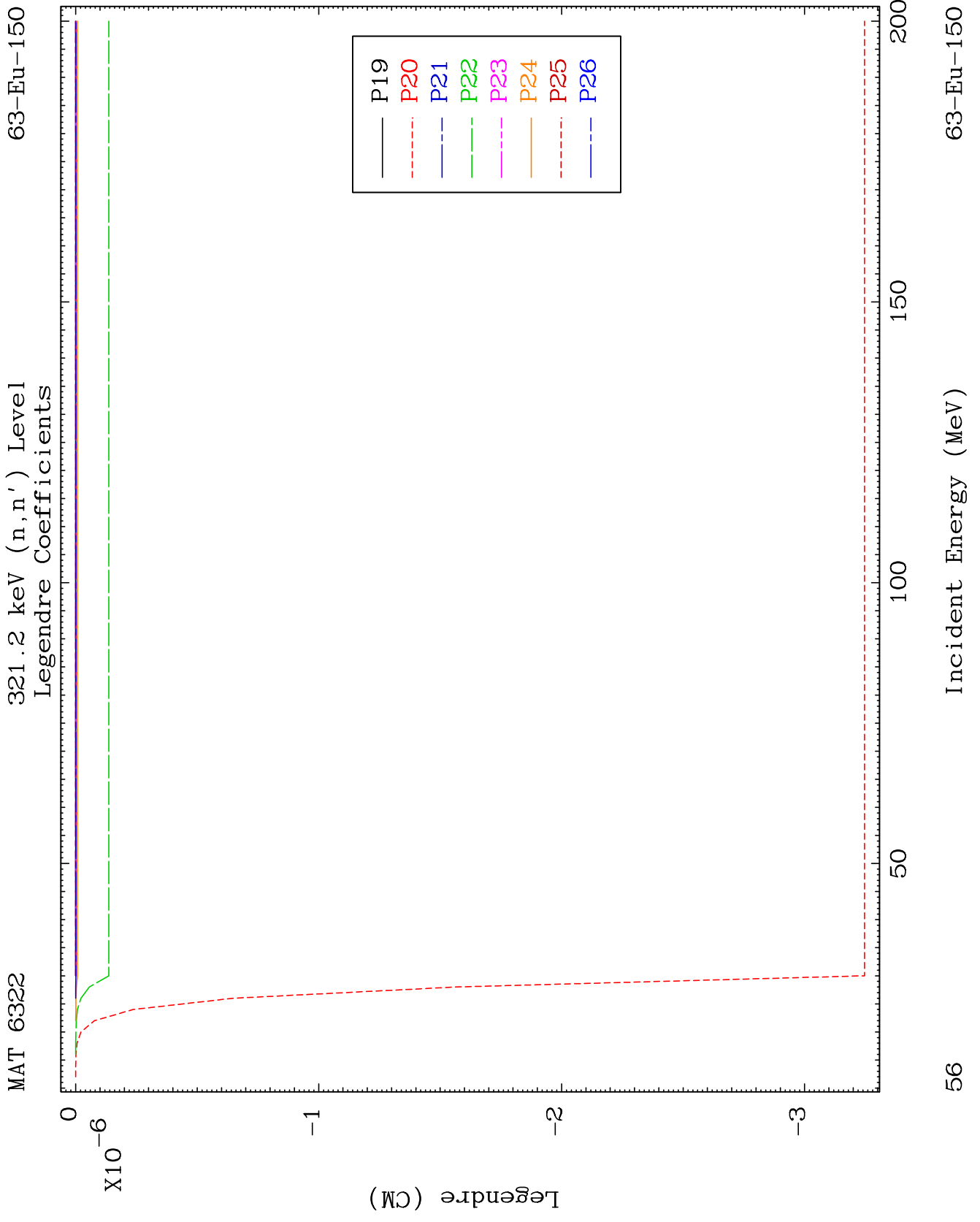
63-Eu-150

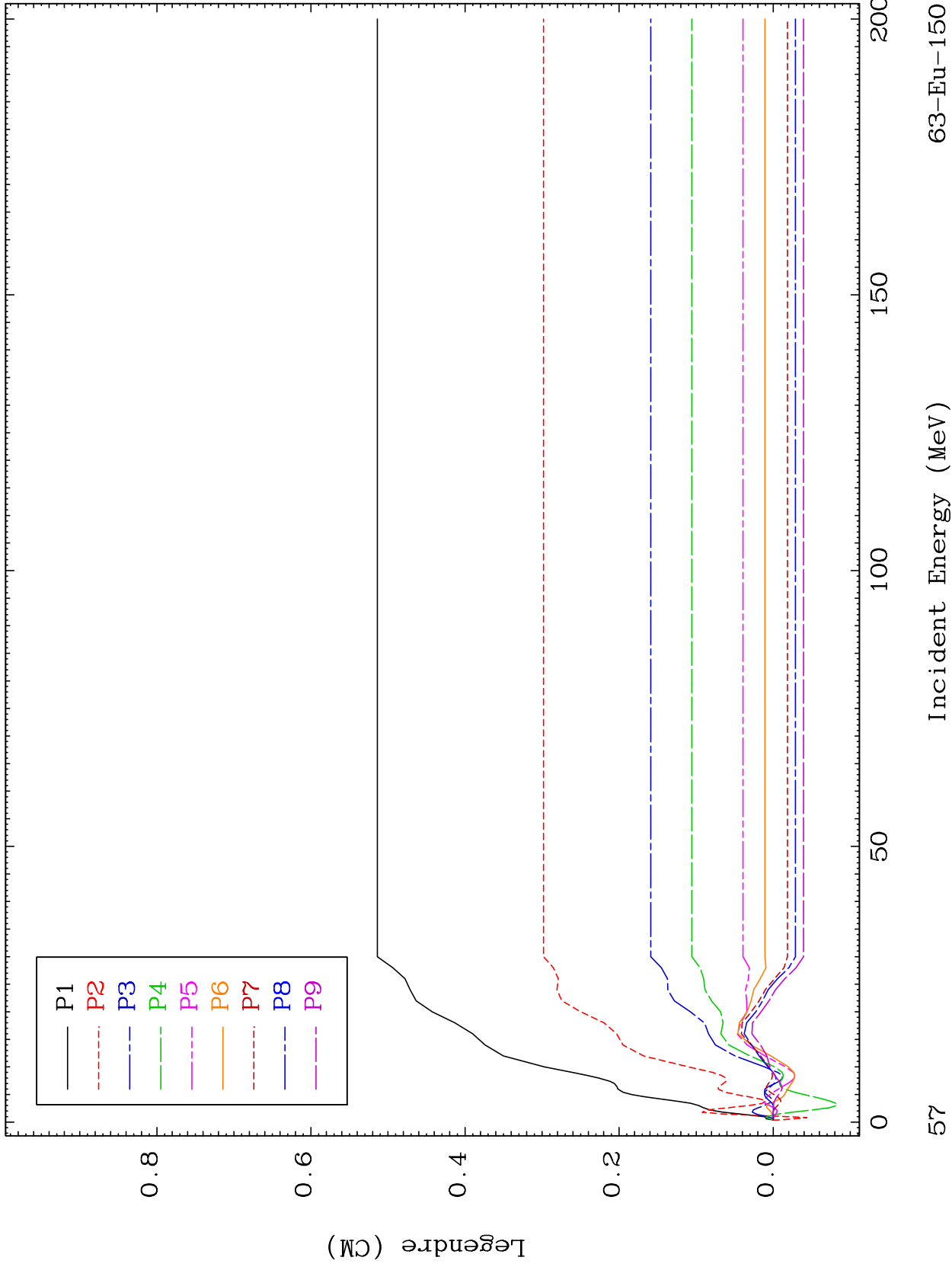


63-Eu-150

Incident Energy (MeV)

55

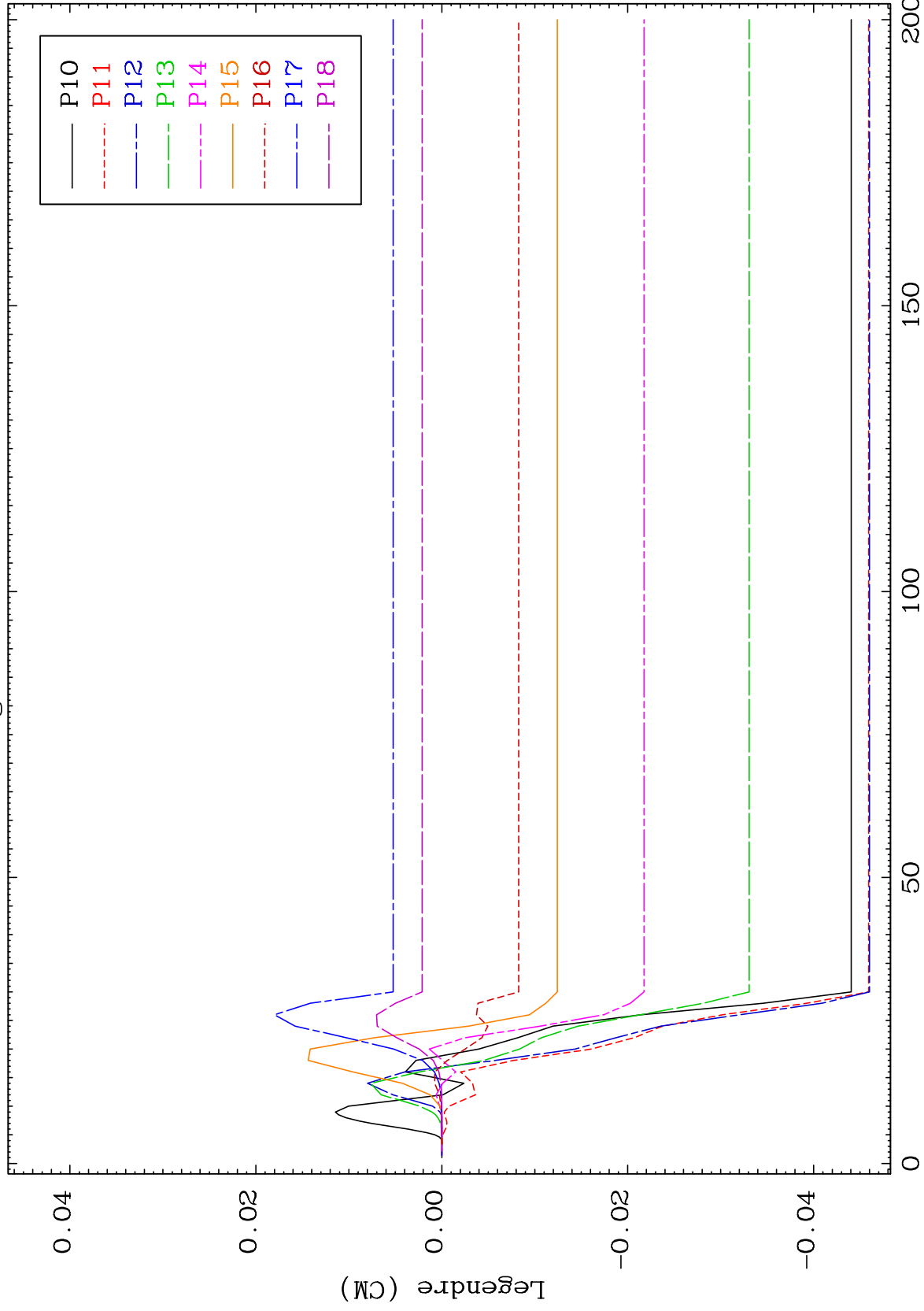




MAT 6322

343.1 keV (n,n') Level
Legendre Coefficients

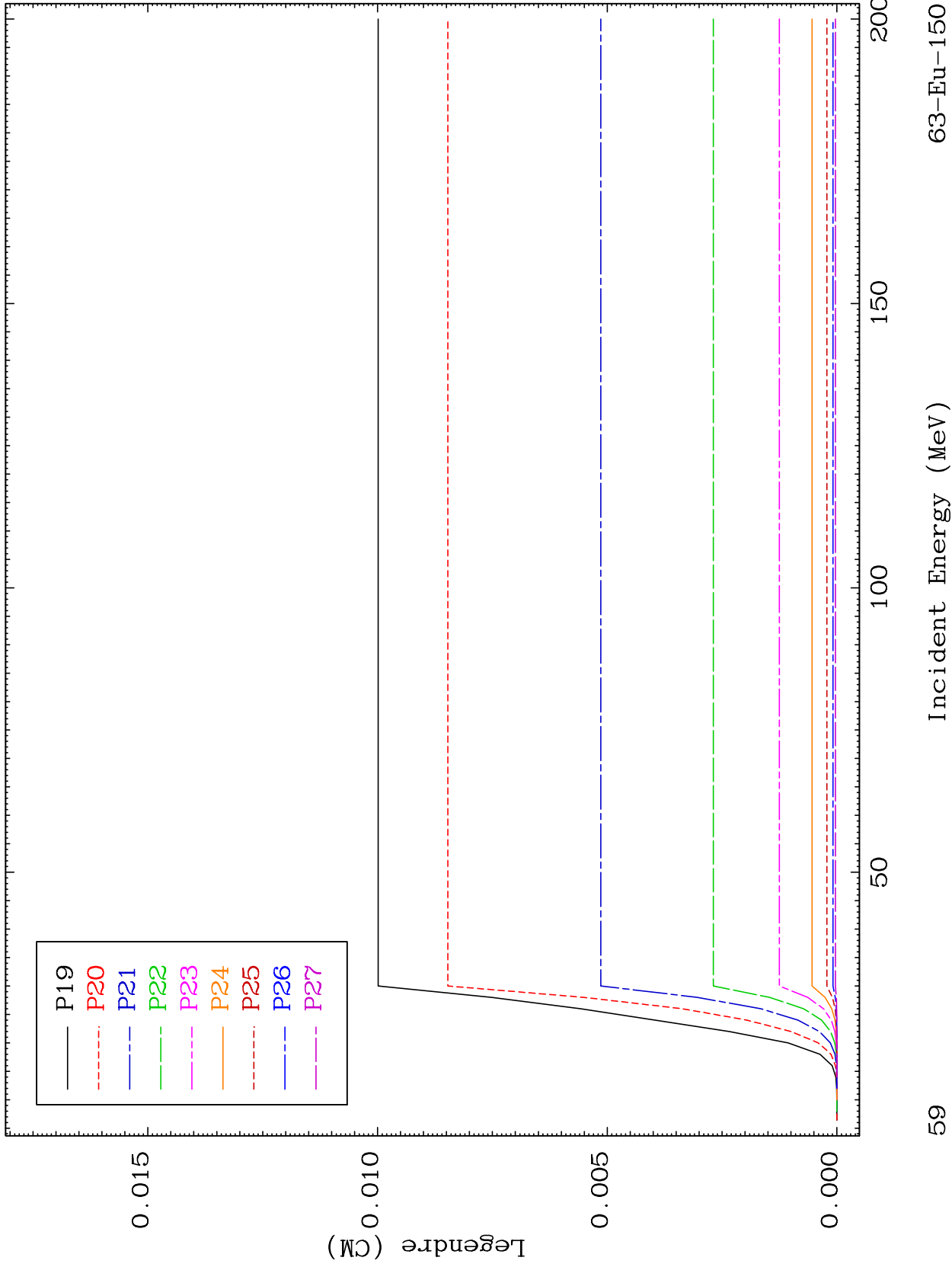
63-Eu-150

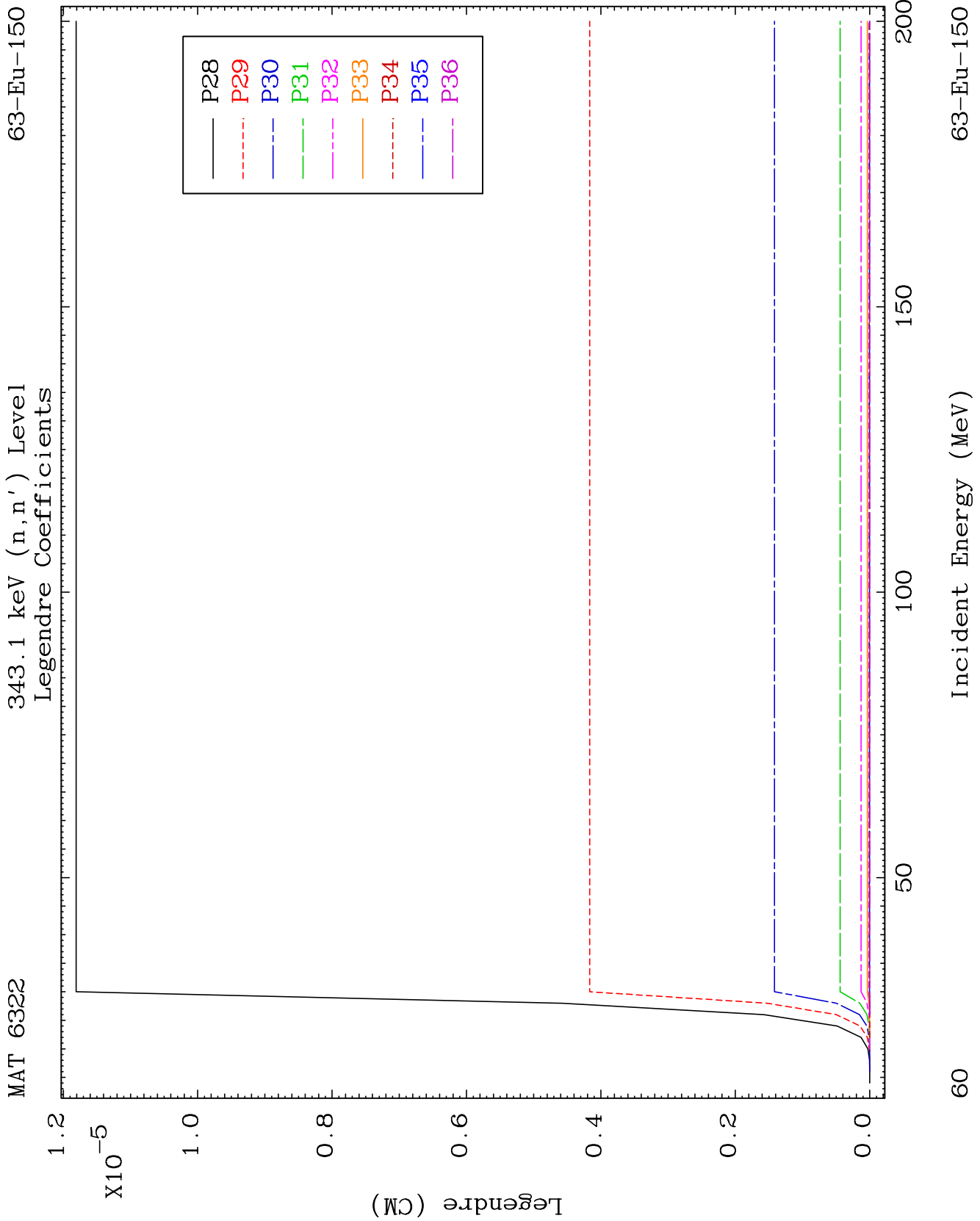


58

Incident Energy (MeV)

63-Eu-150

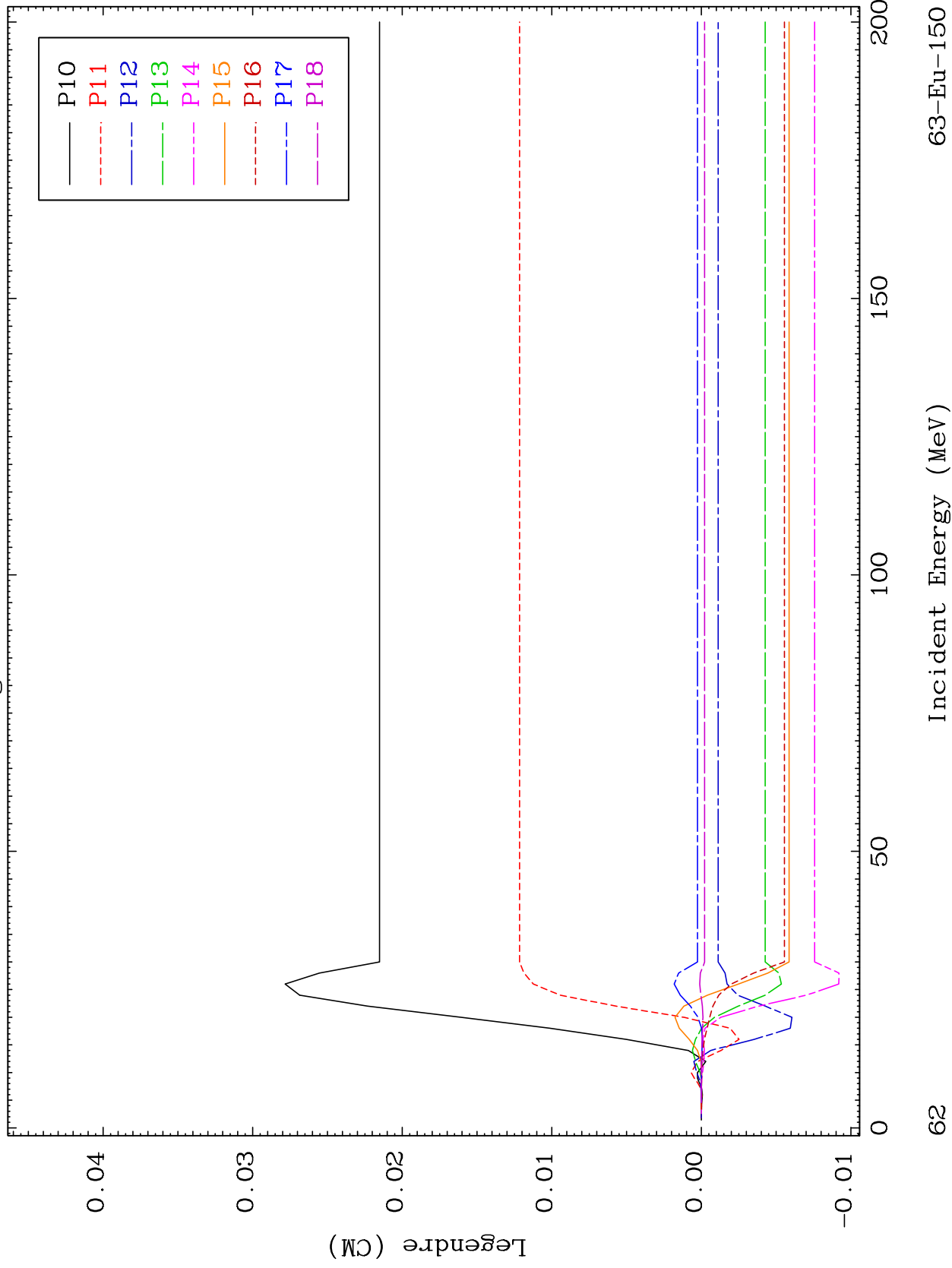




MAT 6322

360.1 keV (n,n') Level
Legendre Coefficients

63-Eu-150



63-Eu-150

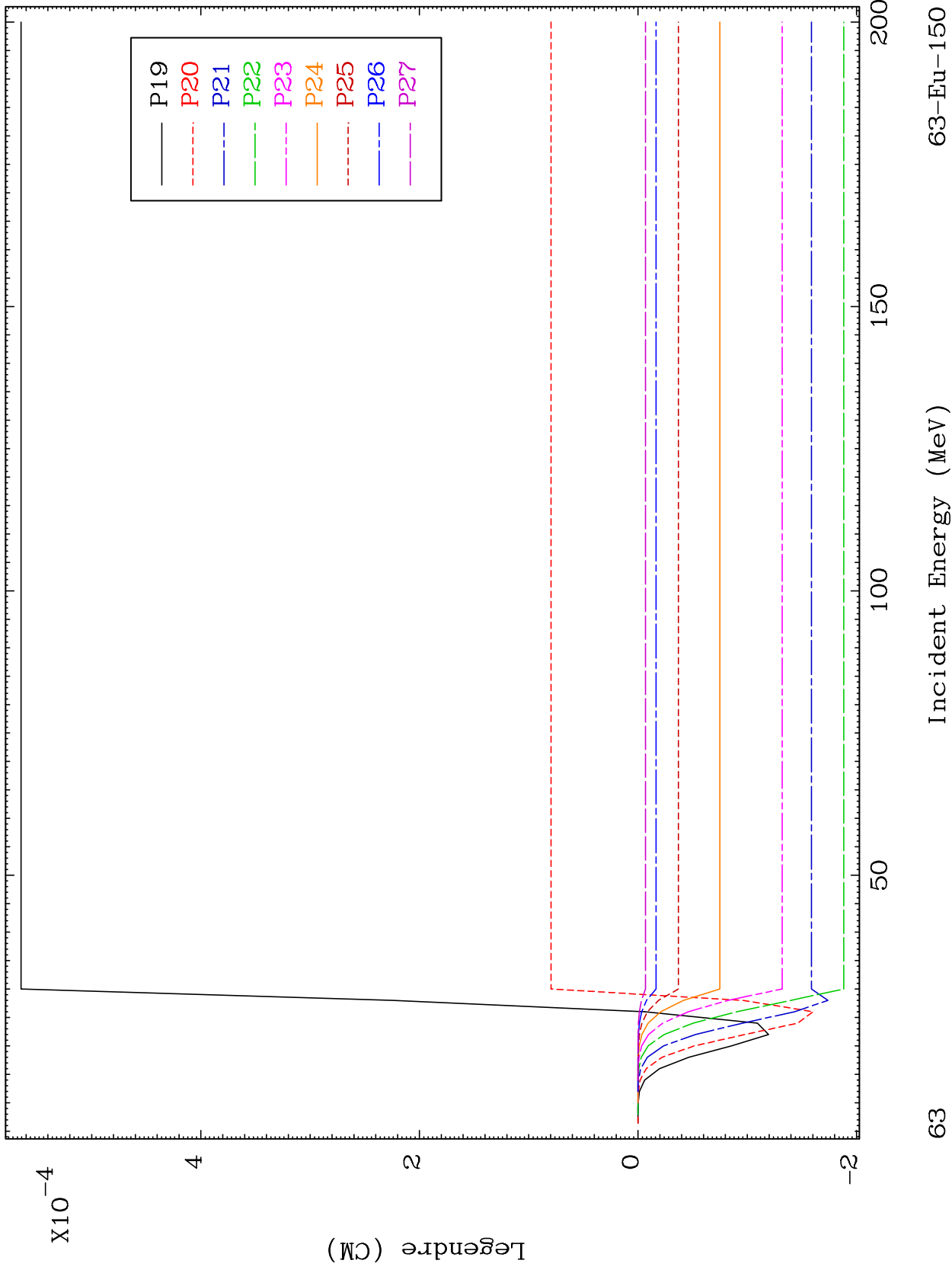
Incident Energy (MeV)

62

MAT 6322

360.1 keV (n,n') Level
Legendre Coefficients

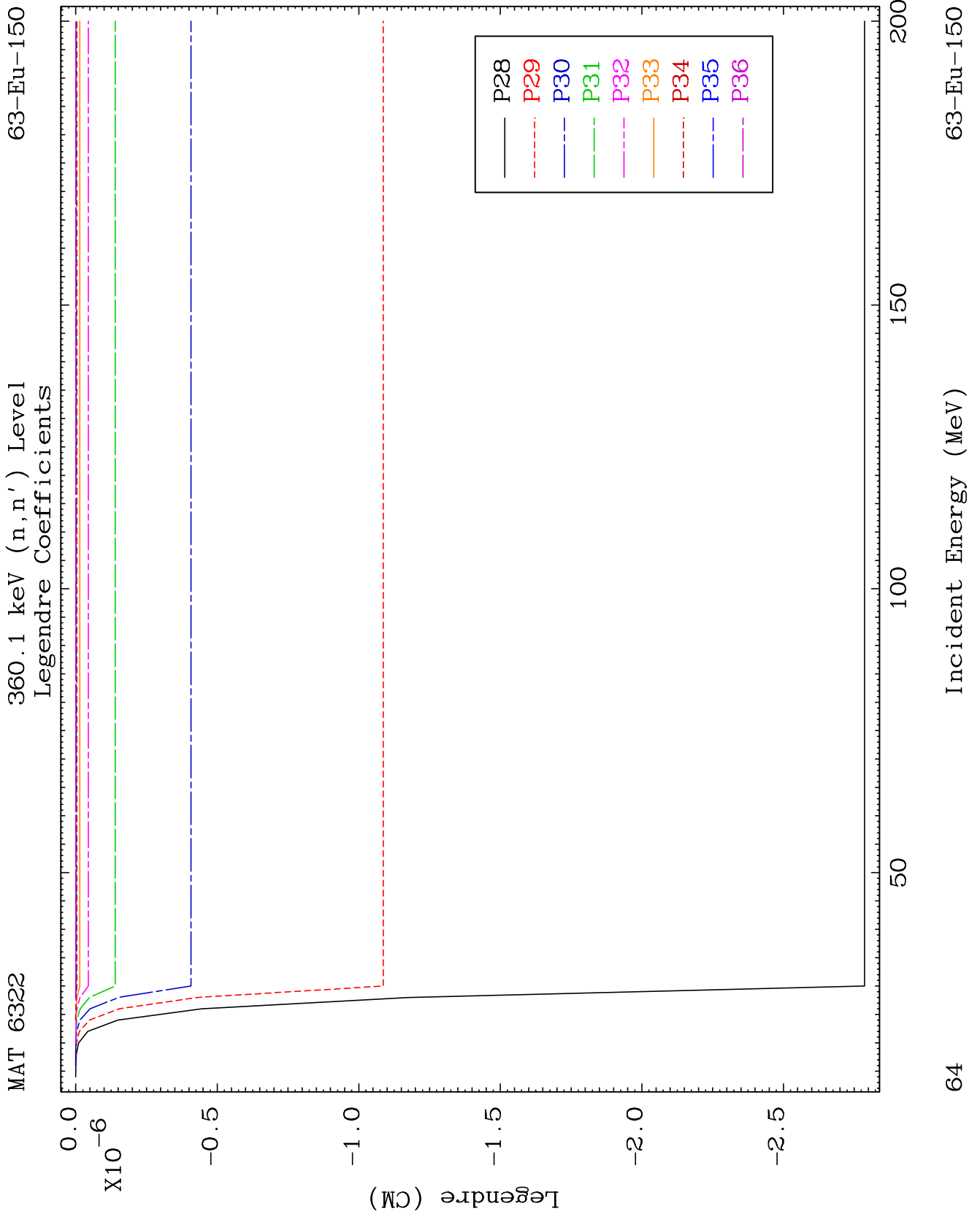
63-Eu-150



63

Incident Energy (MeV)

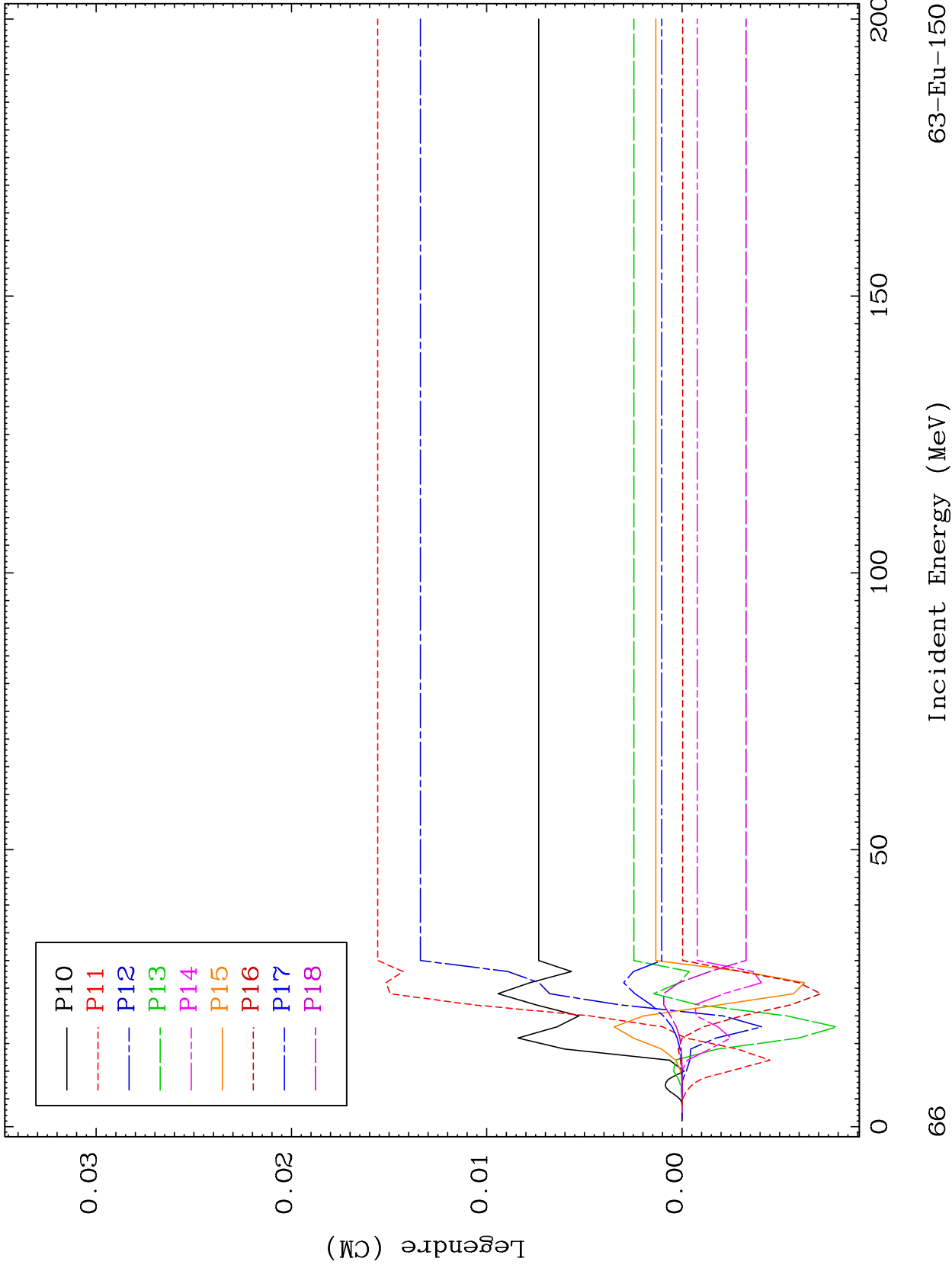
63-Eu-150



MAT 6322

406.4 keV (n, n') Level
Legendre Coefficients

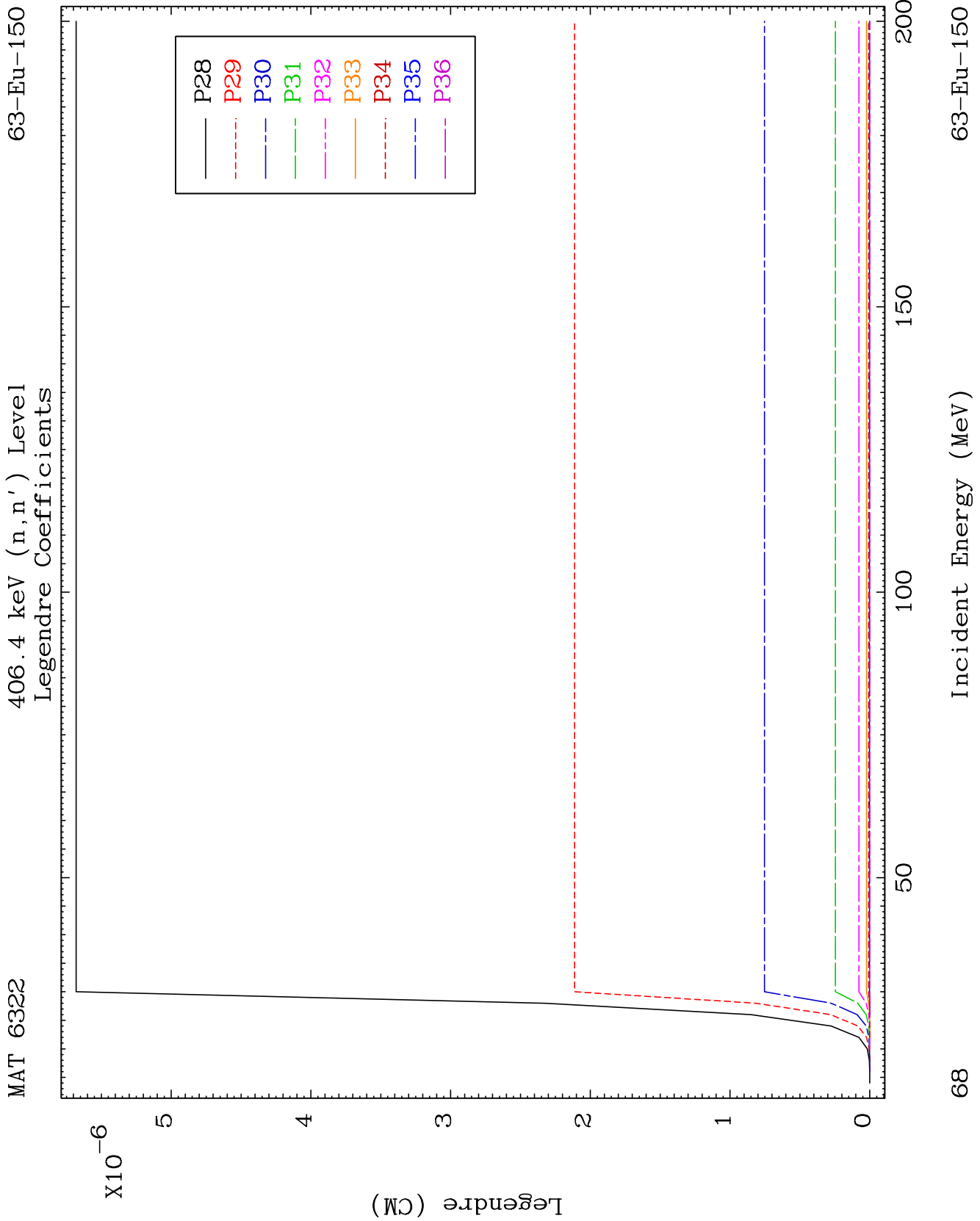
63-Eu-150



66

Incident Energy (MeV)

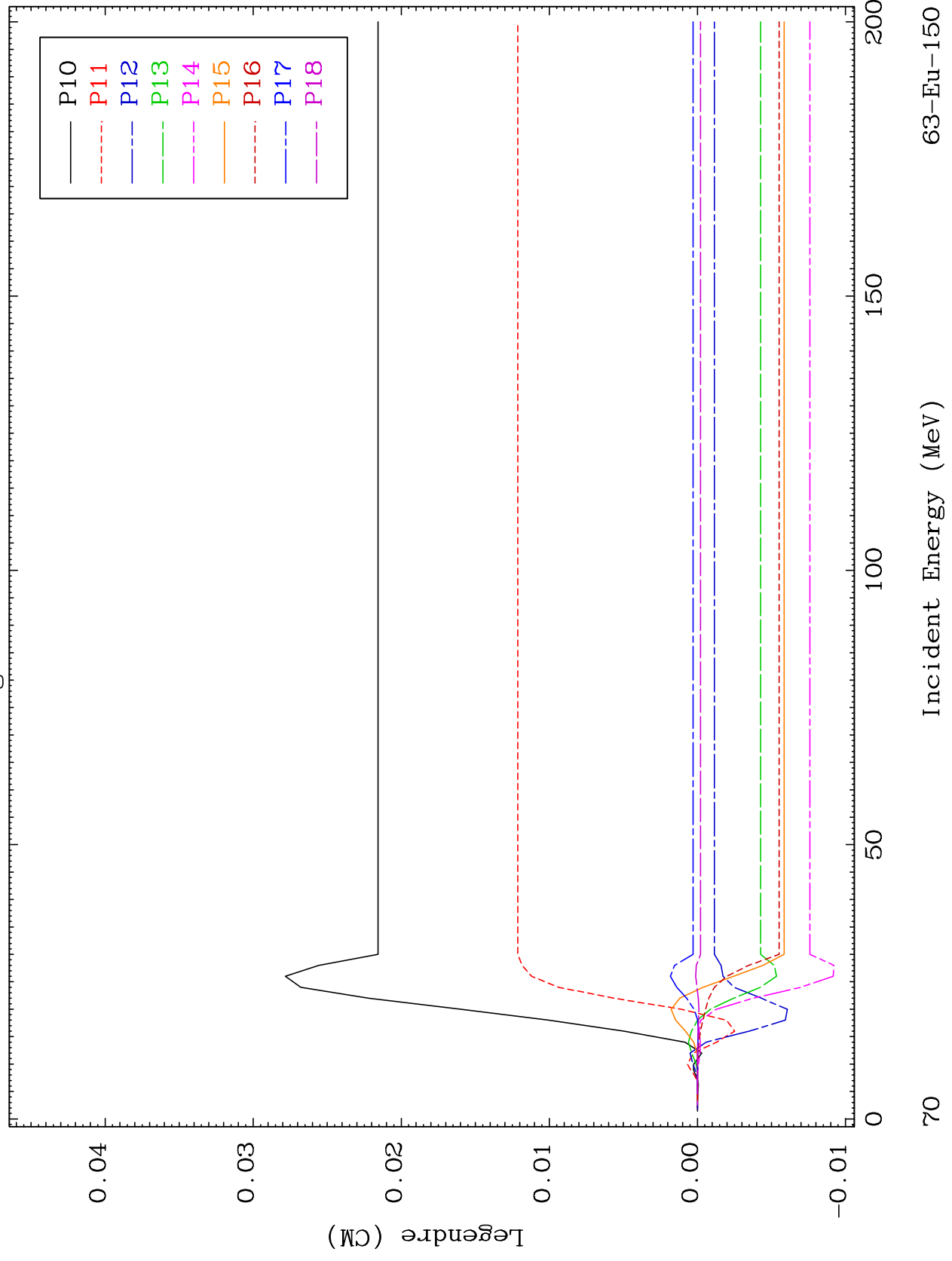
63-Eu-150



MAT 6322

412.5 keV (n,n') Level
Legendre Coefficients

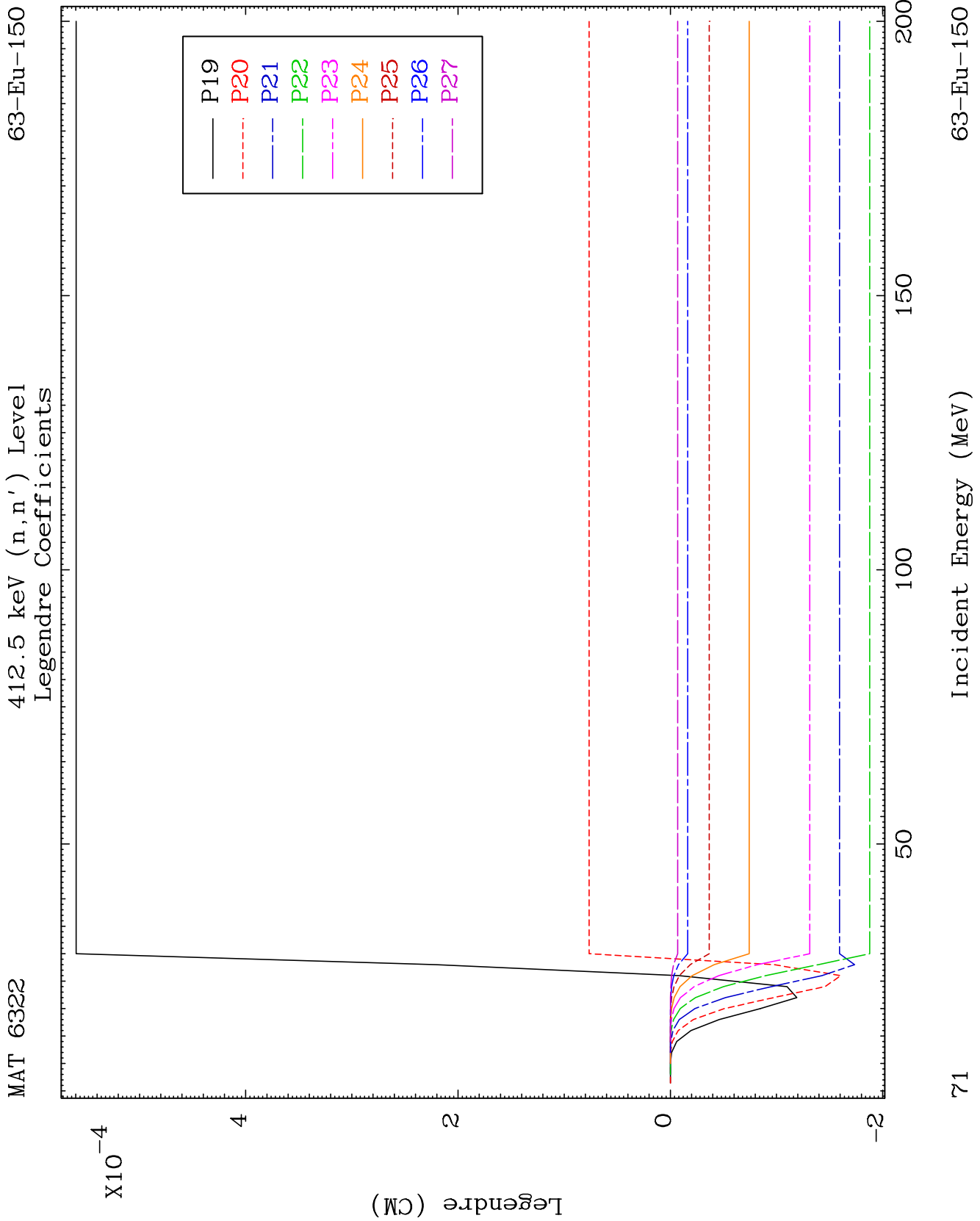
63-Eu-150

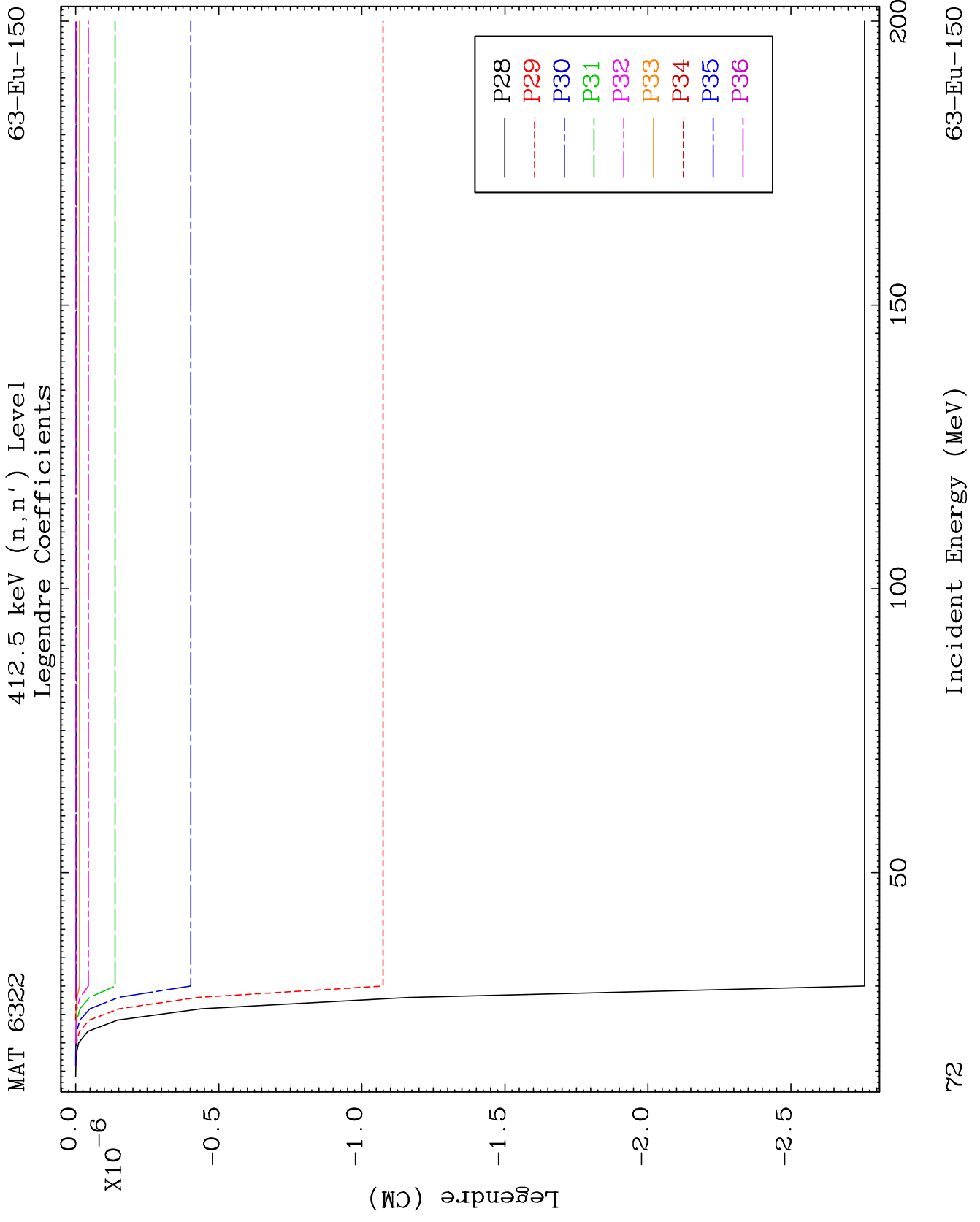


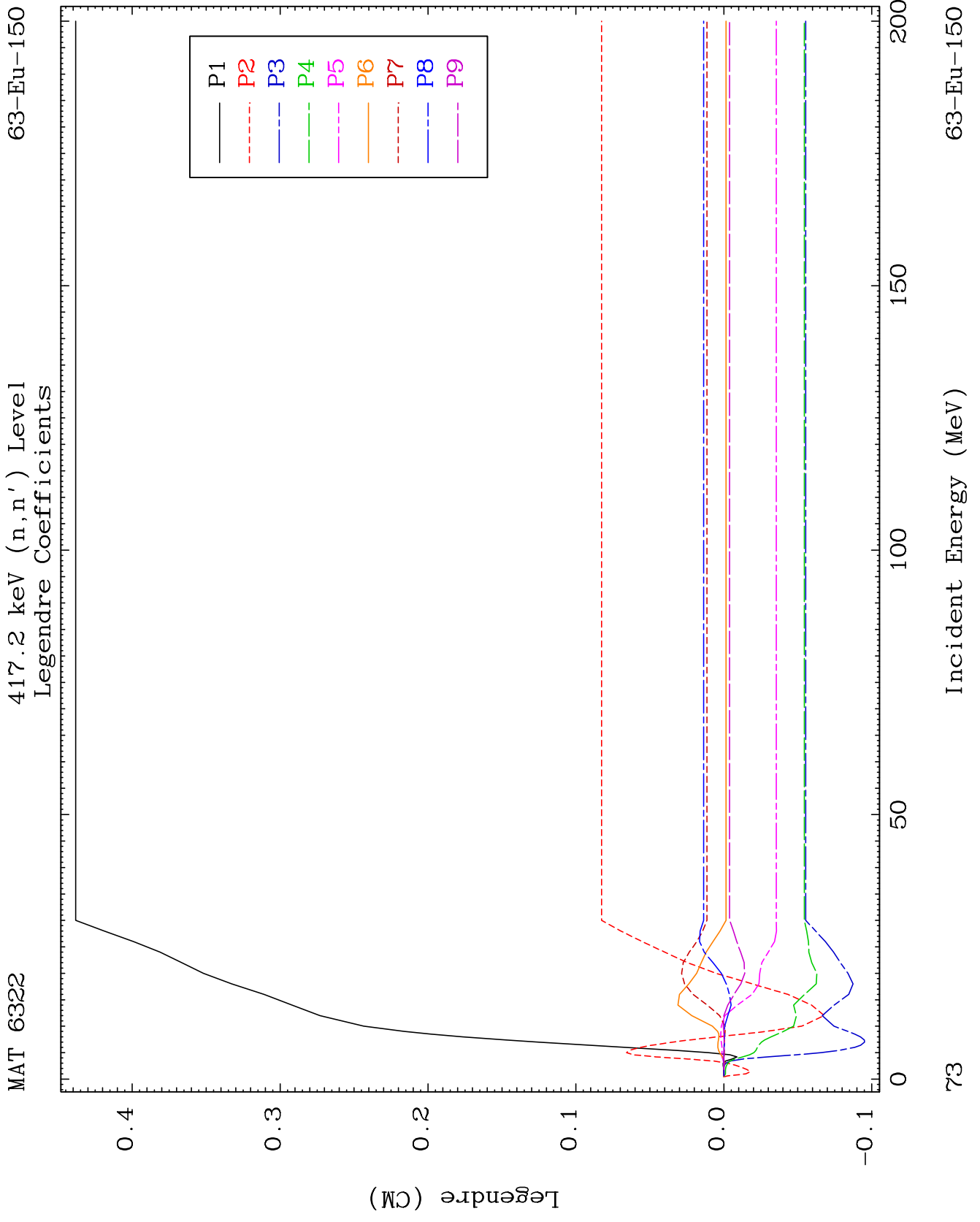
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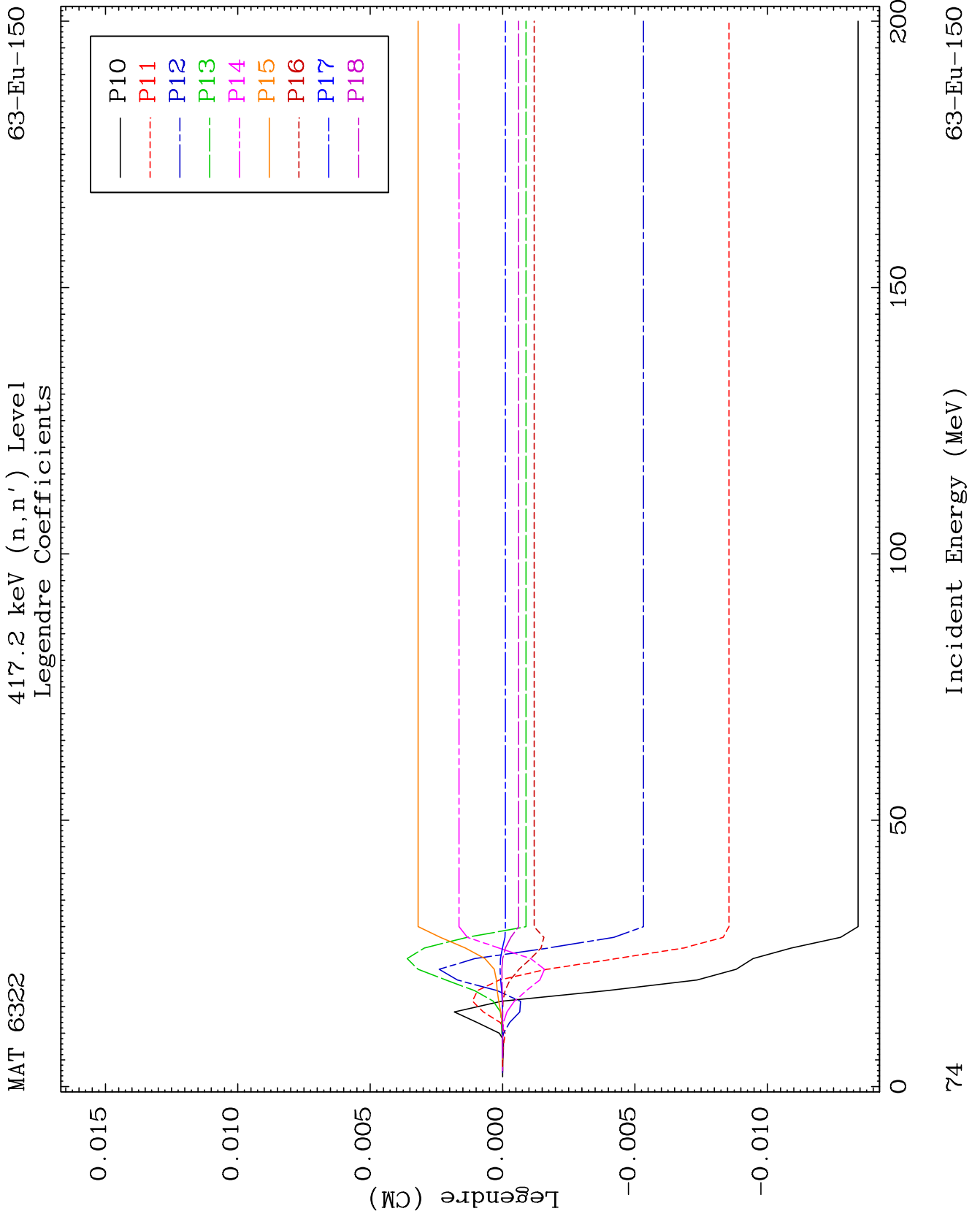
Incident Energy (MeV)

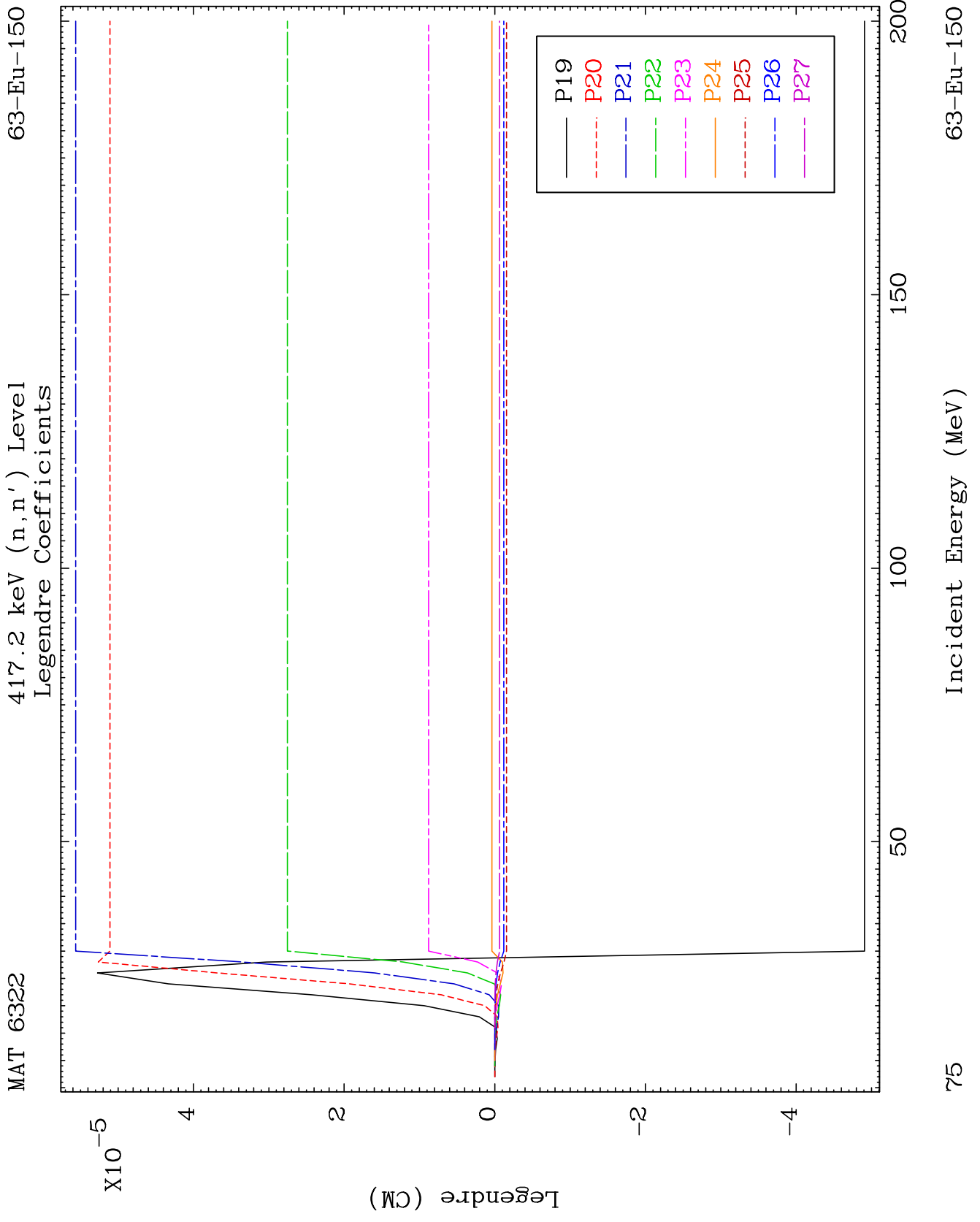
70

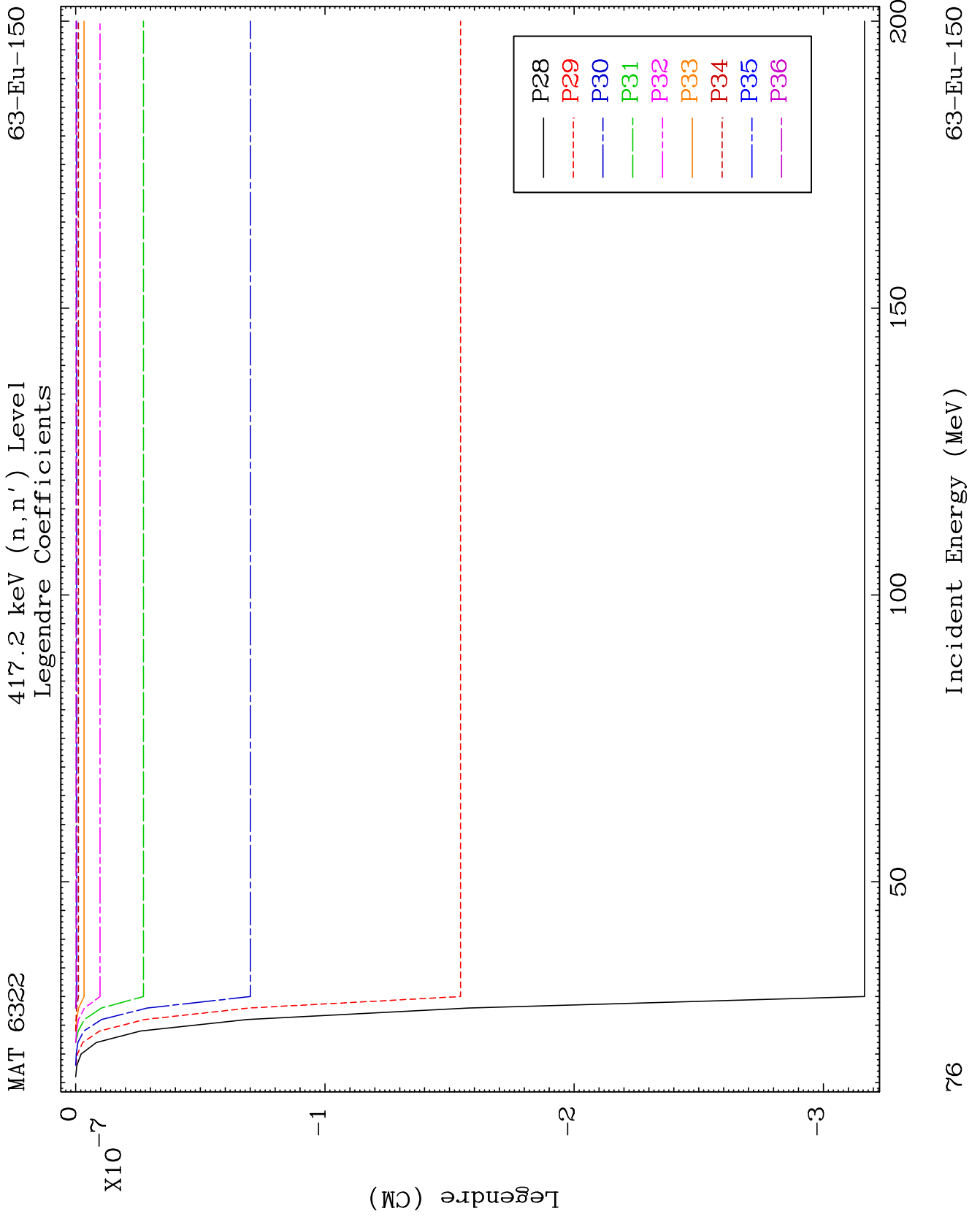








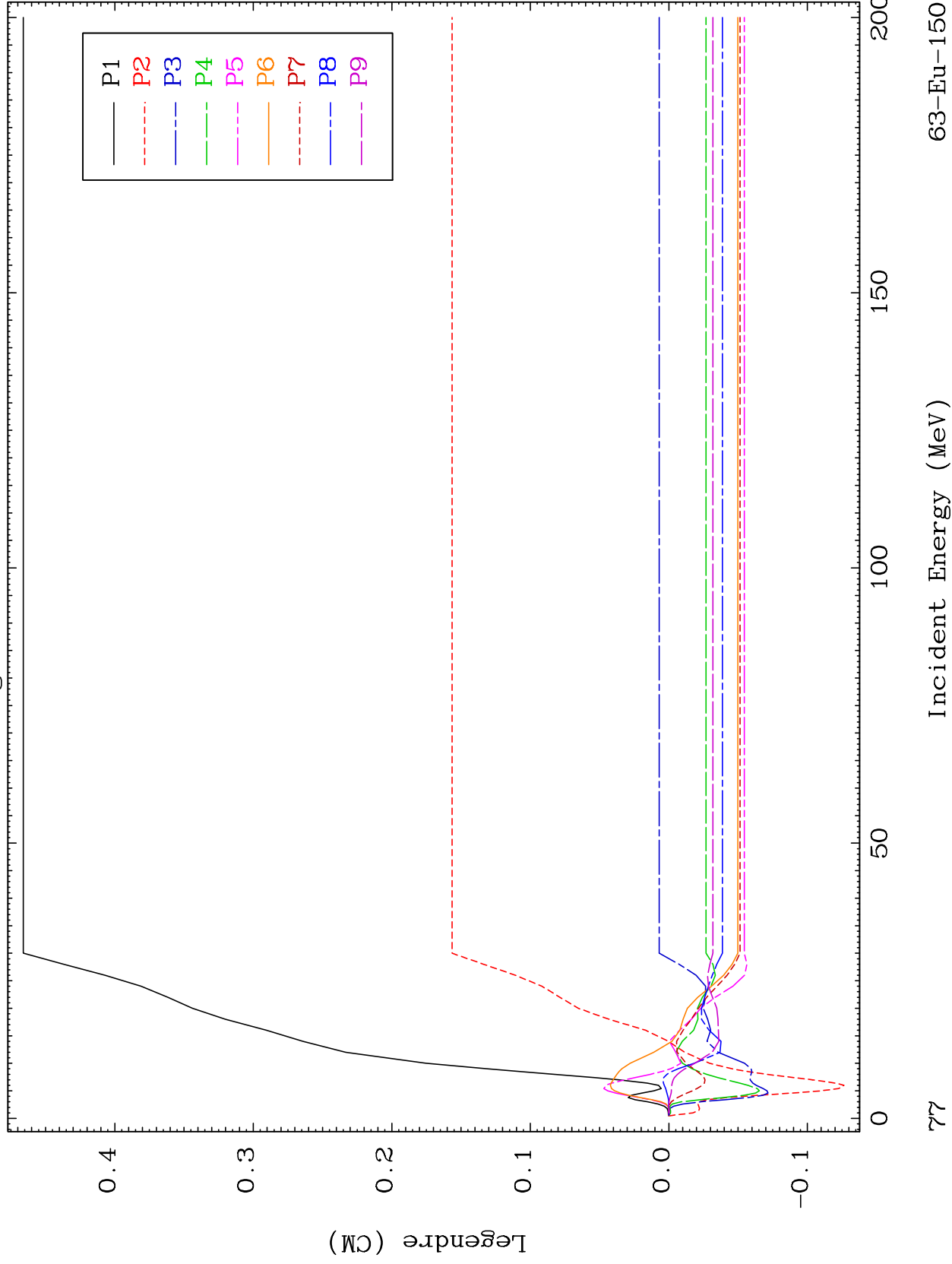




MAT 6322

420.6 keV (n,n') Level
Legendre Coefficients

63-Eu-150



63-Eu-150

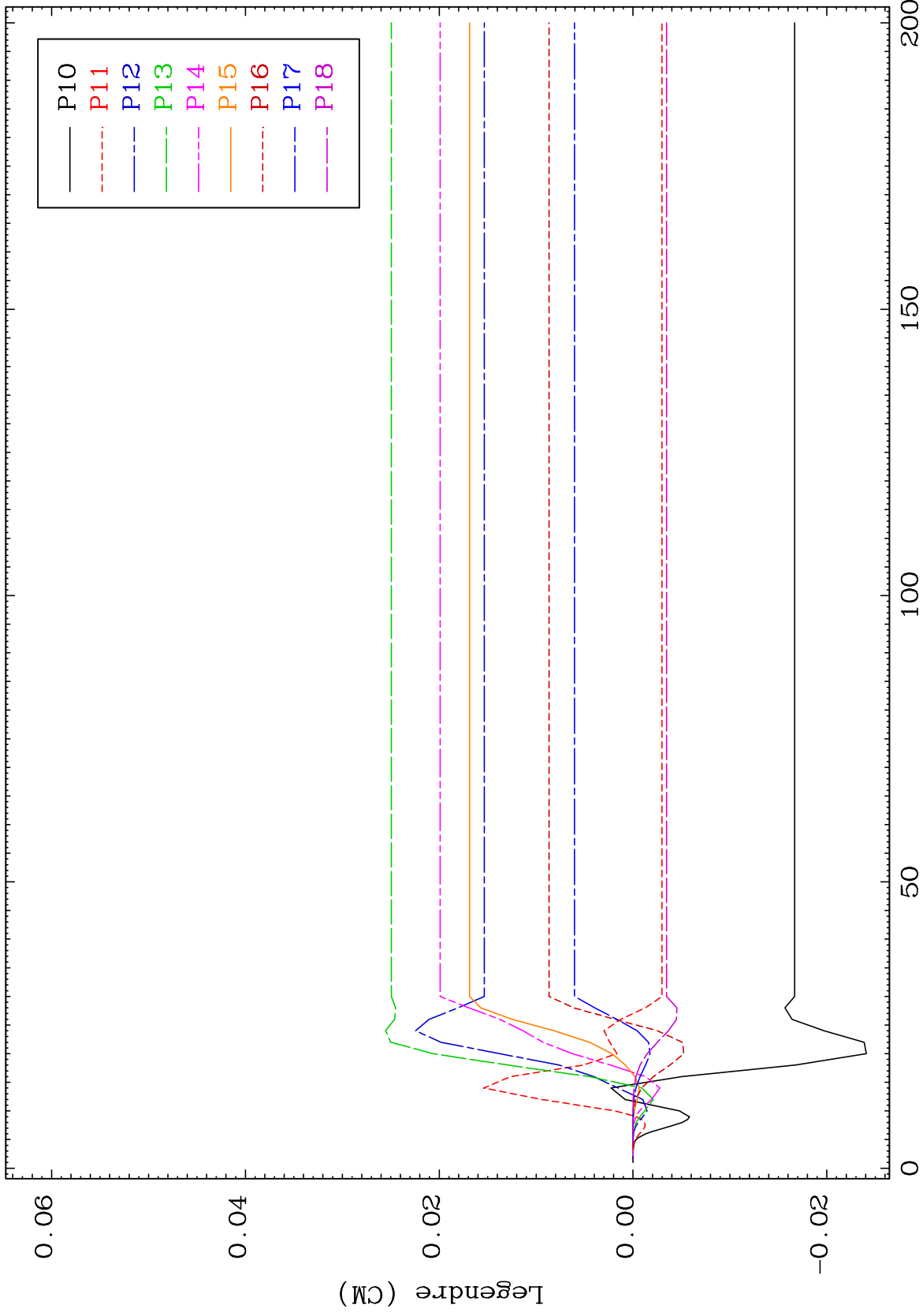
Incident Energy (MeV)

77

MAT 6322

420.6 keV (n,n') Level
Legendre Coefficients

63-Eu-150



78

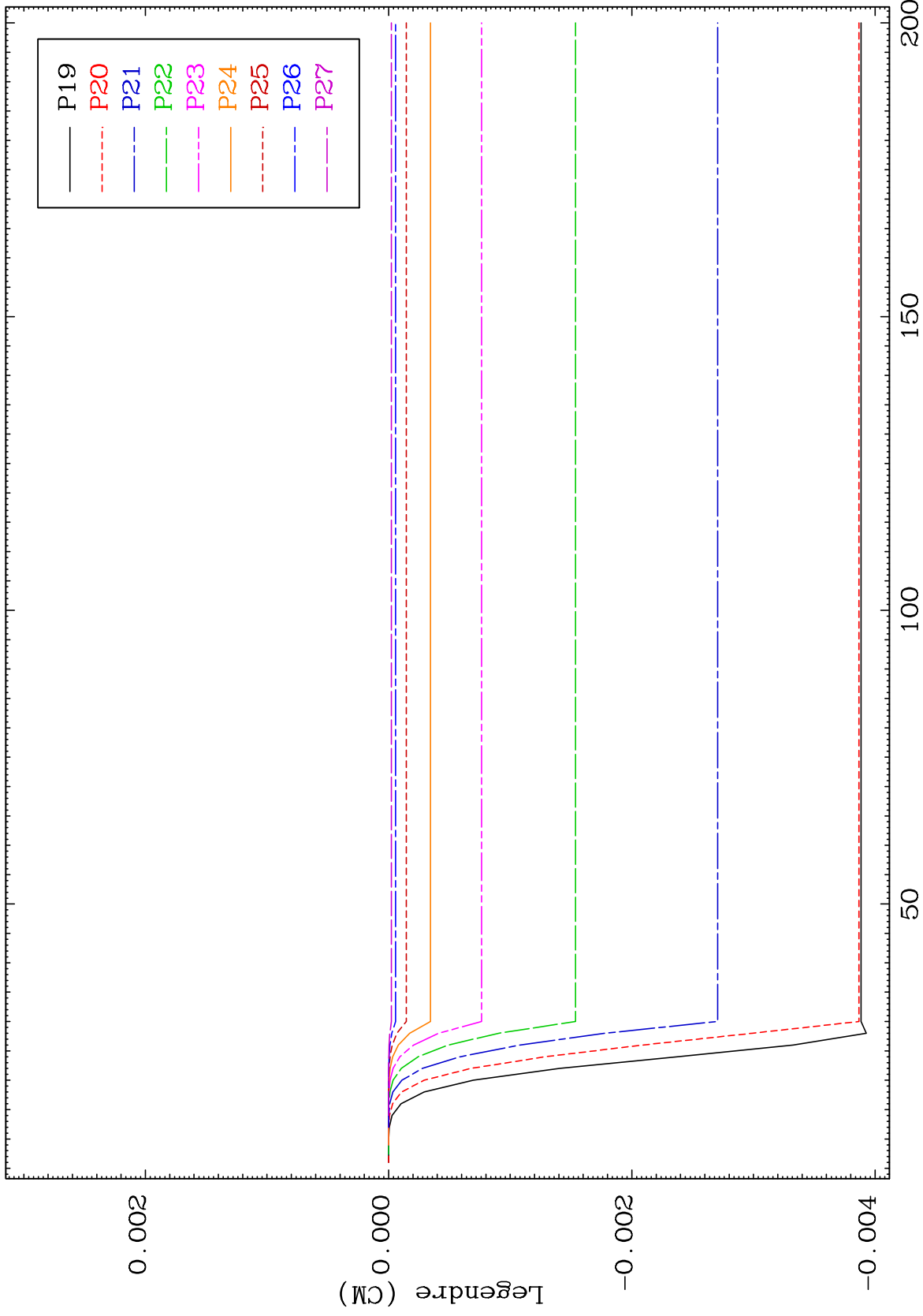
Incident Energy (MeV)

63-Eu-150

MAT 6322

420.6 keV (n,n') Level
Legendre Coefficients

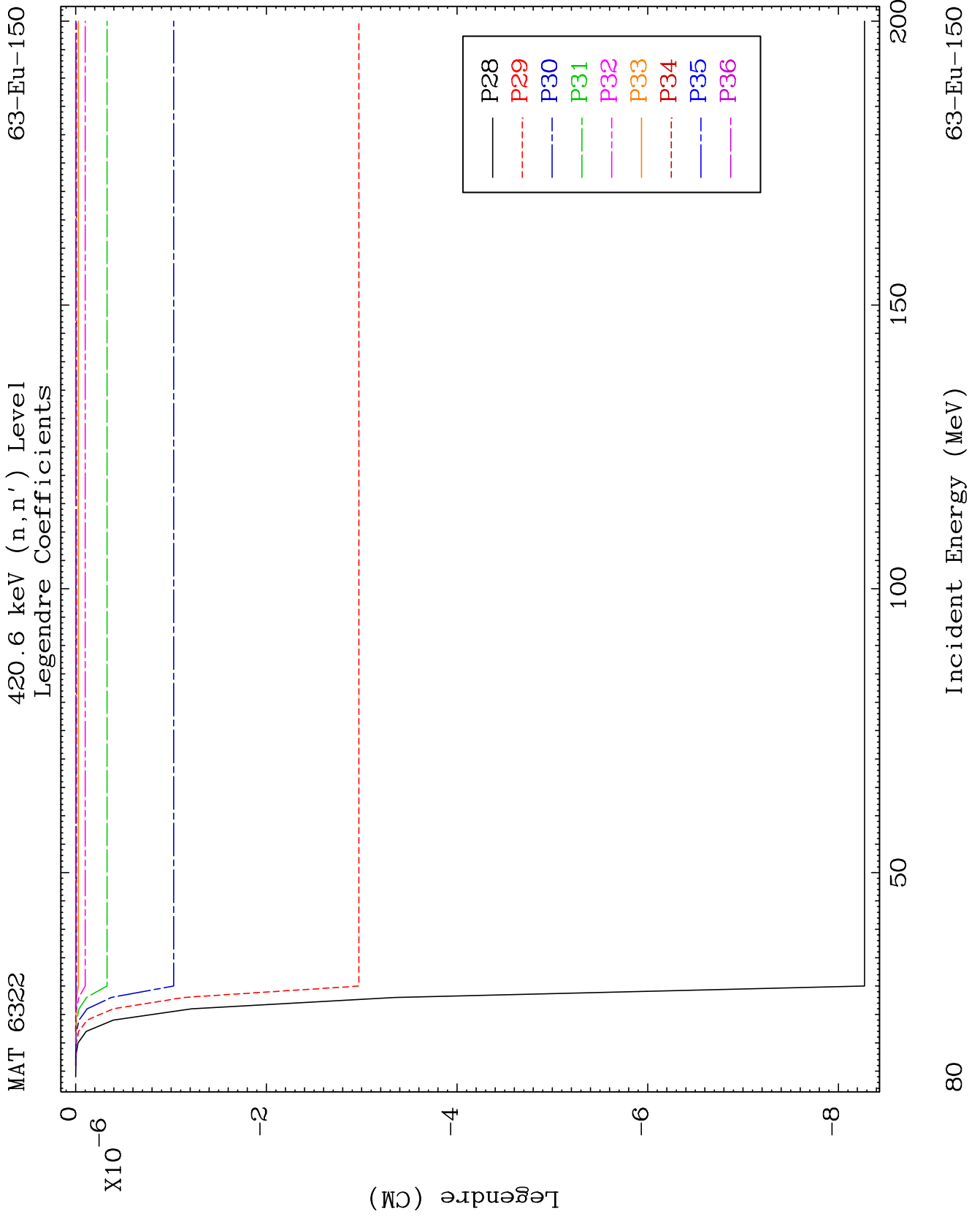
63-Eu-150



79

Incident Energy (MeV)

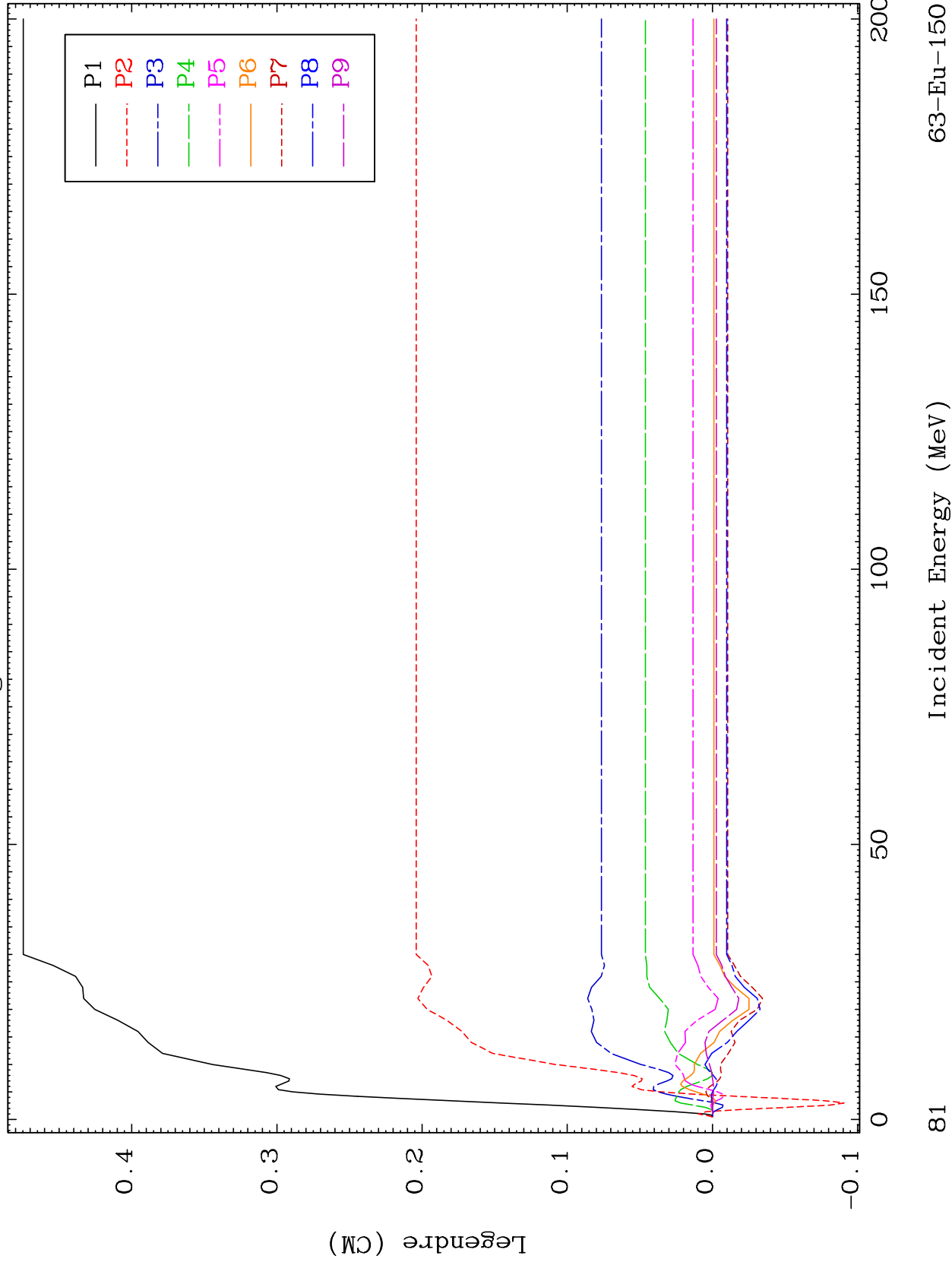
63-Eu-150



MAT 6322

427.7 keV (n,n') Level
Legendre Coefficients

63-Eu-150



81

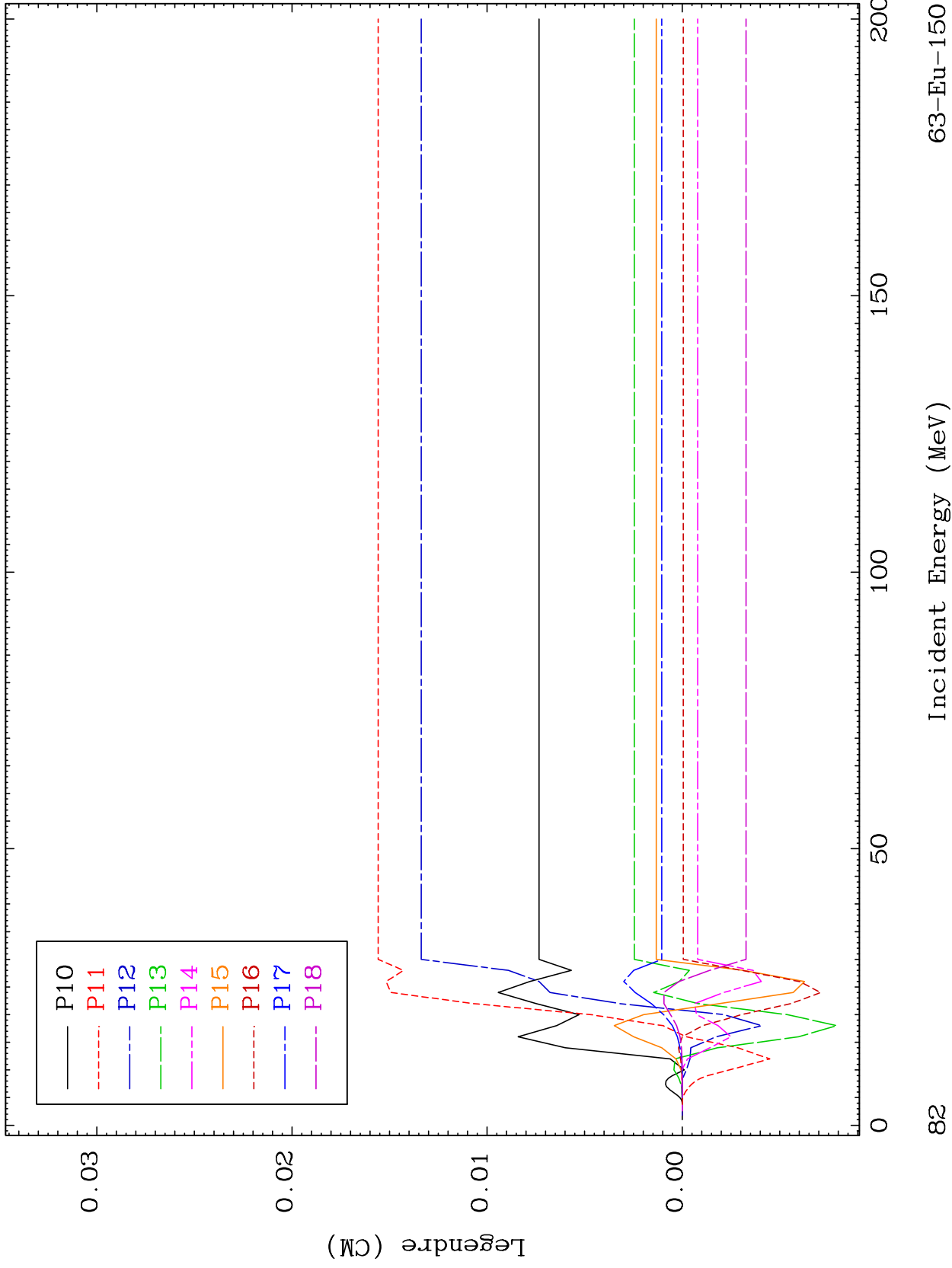
Incident Energy (MeV)

63-Eu-150

MAT 6322

427.7 keV (n,n') Level
Legendre Coefficients

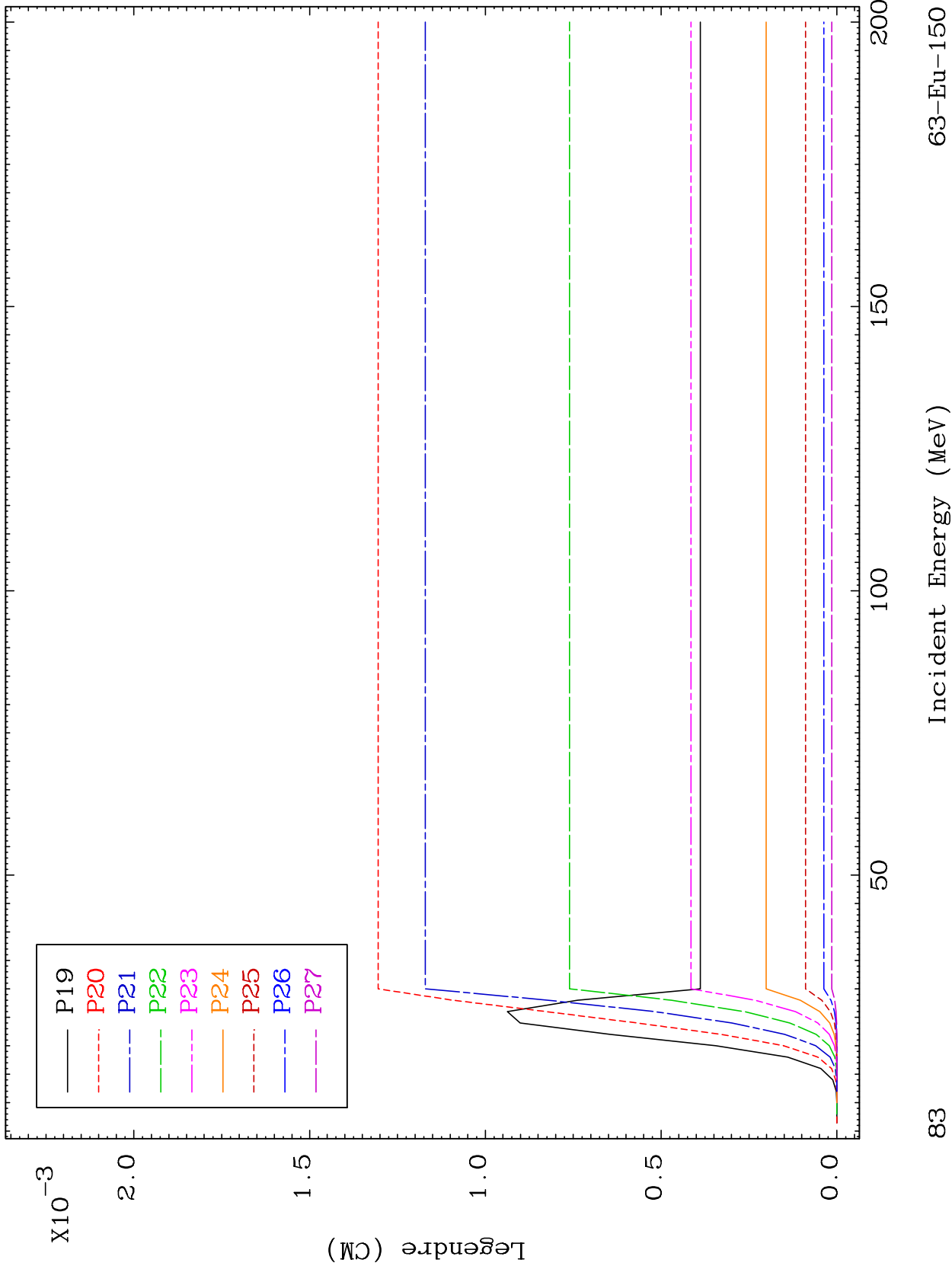
63-Eu-150



82

Incident Energy (MeV)

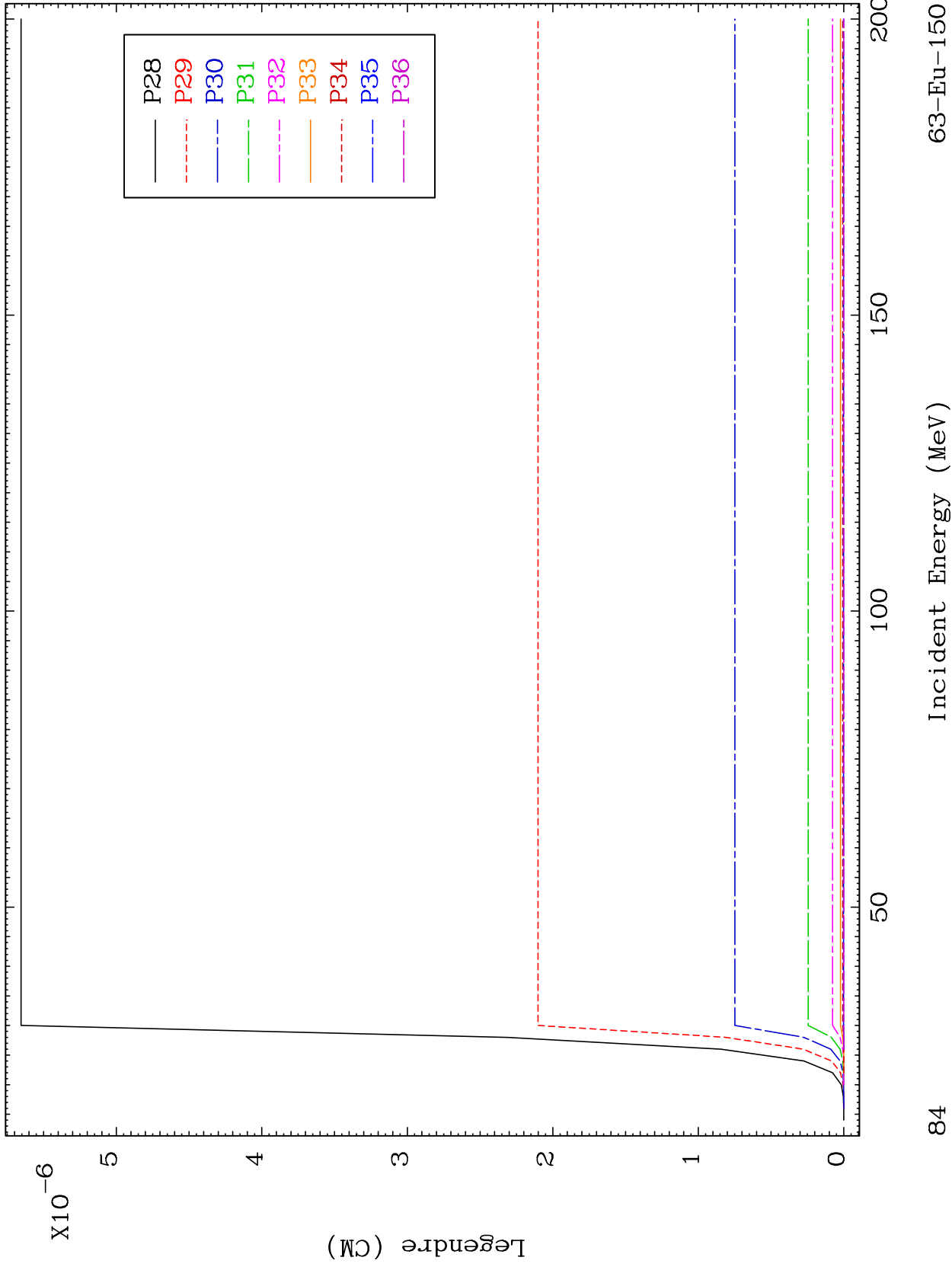
63-Eu-150

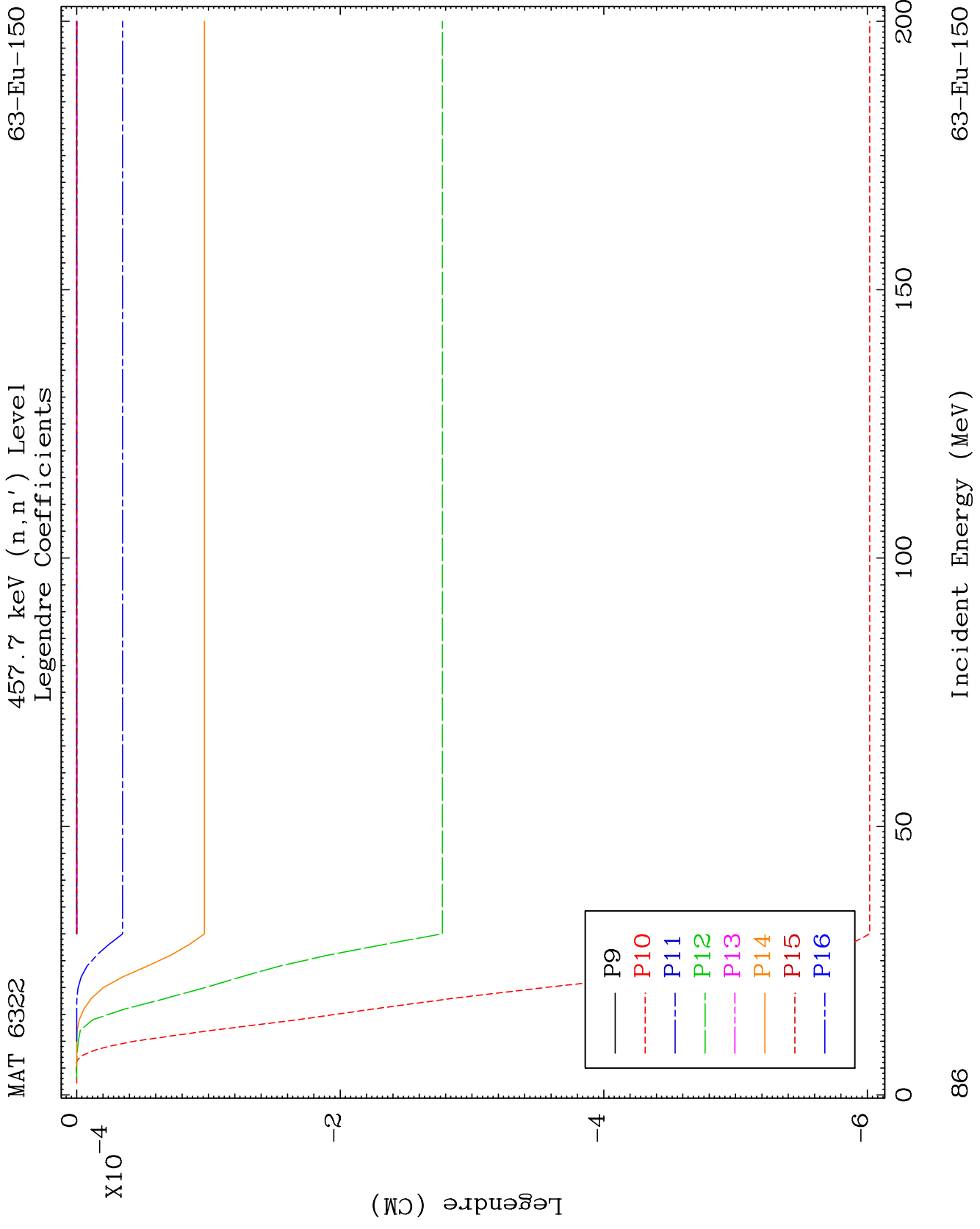


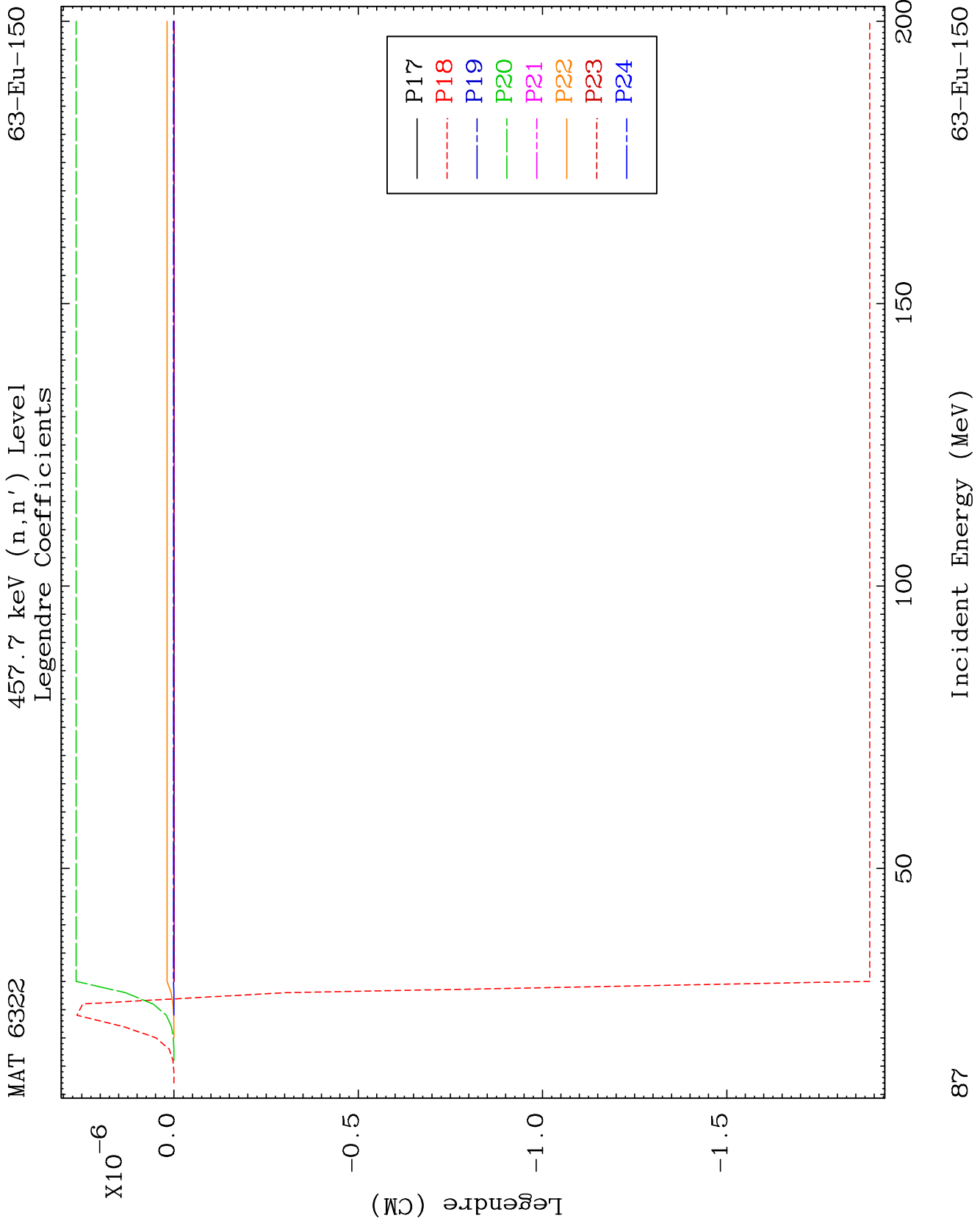
MAT 6322

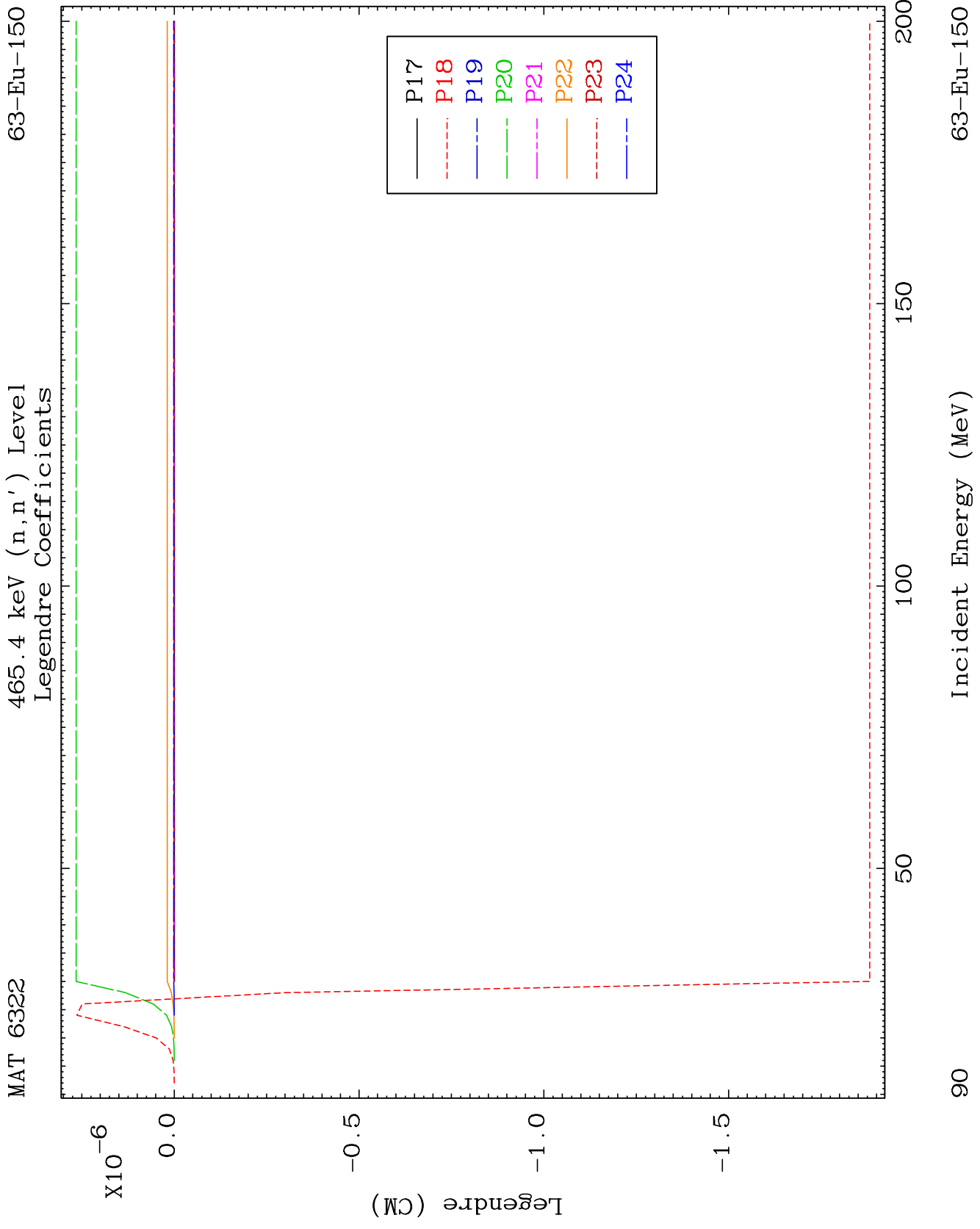
427.7 keV (n,n') Level
Legendre Coefficients

63-Eu-150





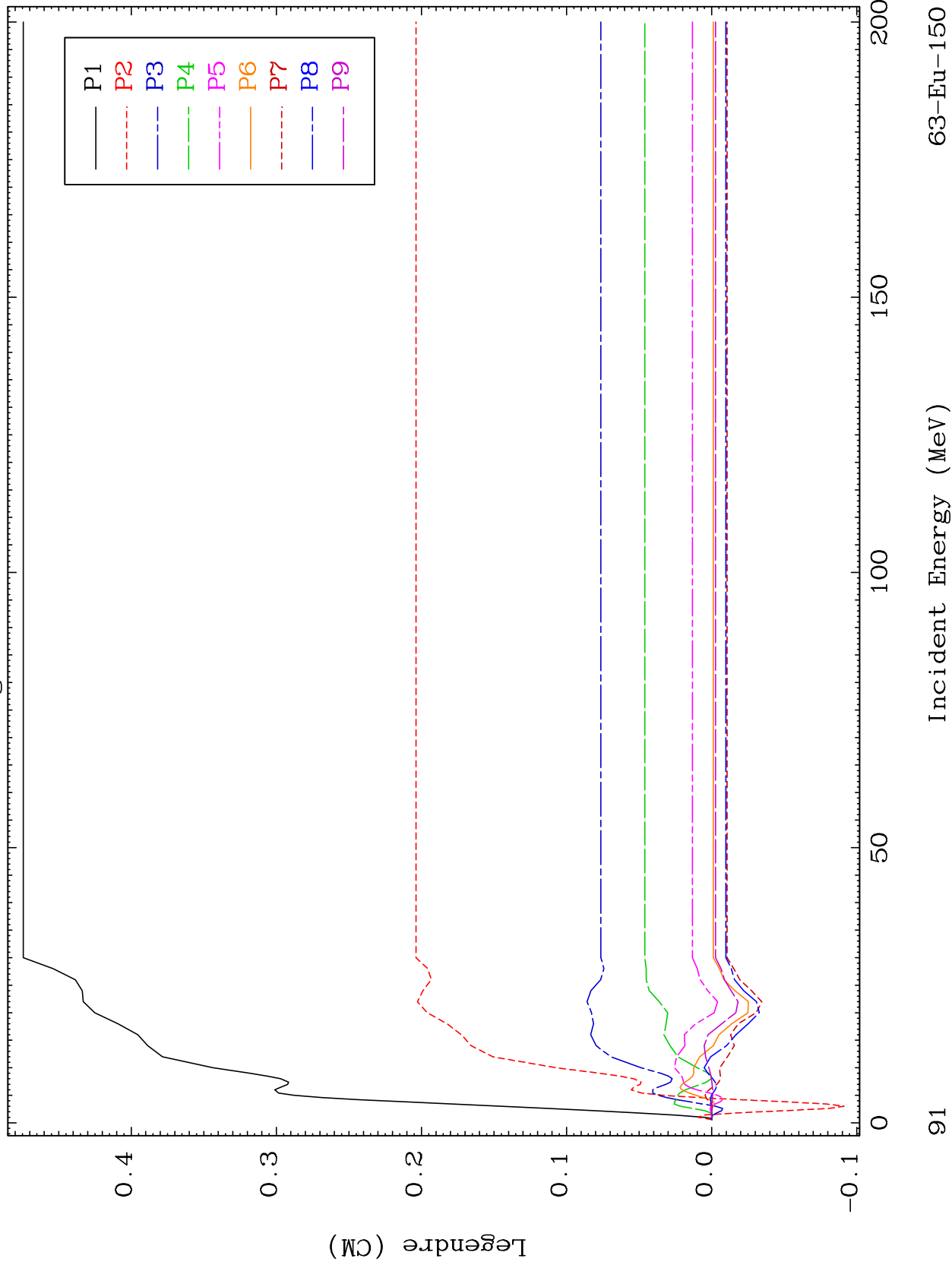




MAT 6322

488.1 keV (n,n') Level
Legendre Coefficients

63-Eu-150



63-Eu-150

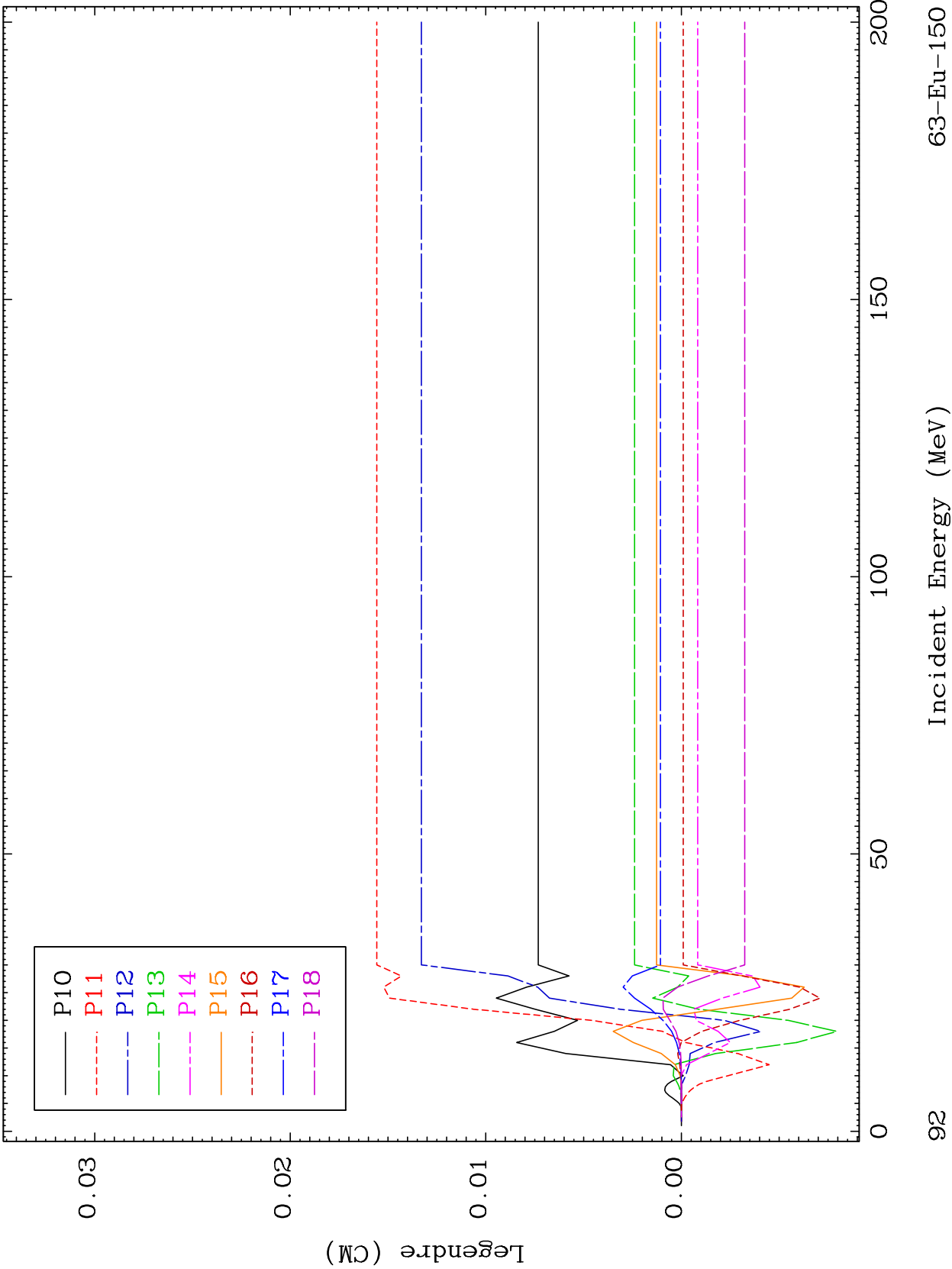
Incident Energy (MeV)

91

MAT 6322

488.1 keV (n, n') Level
Legendre Coefficients

63-Eu-150



63-Eu-150

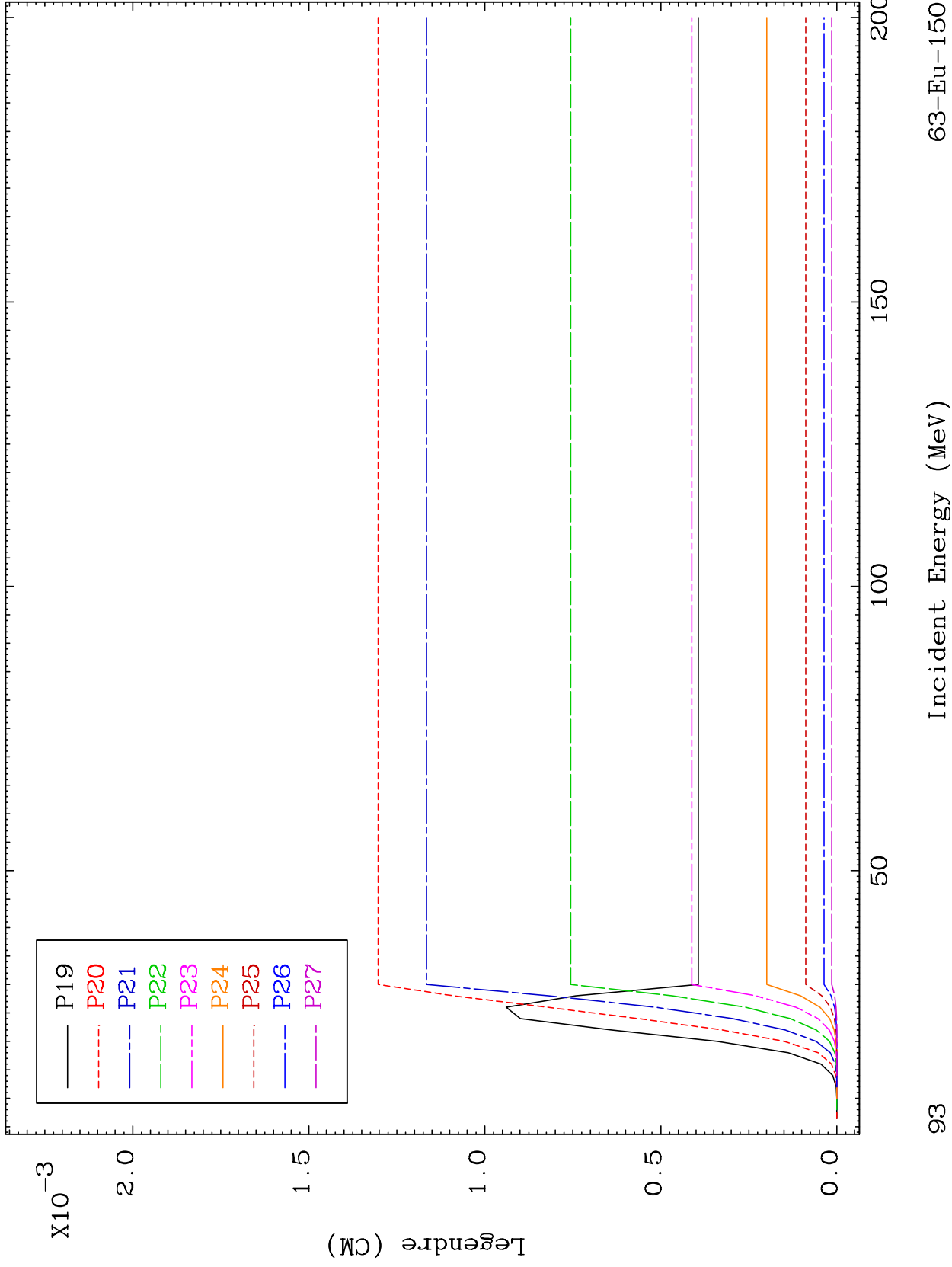
Incident Energy (MeV)

92

MAT 6322

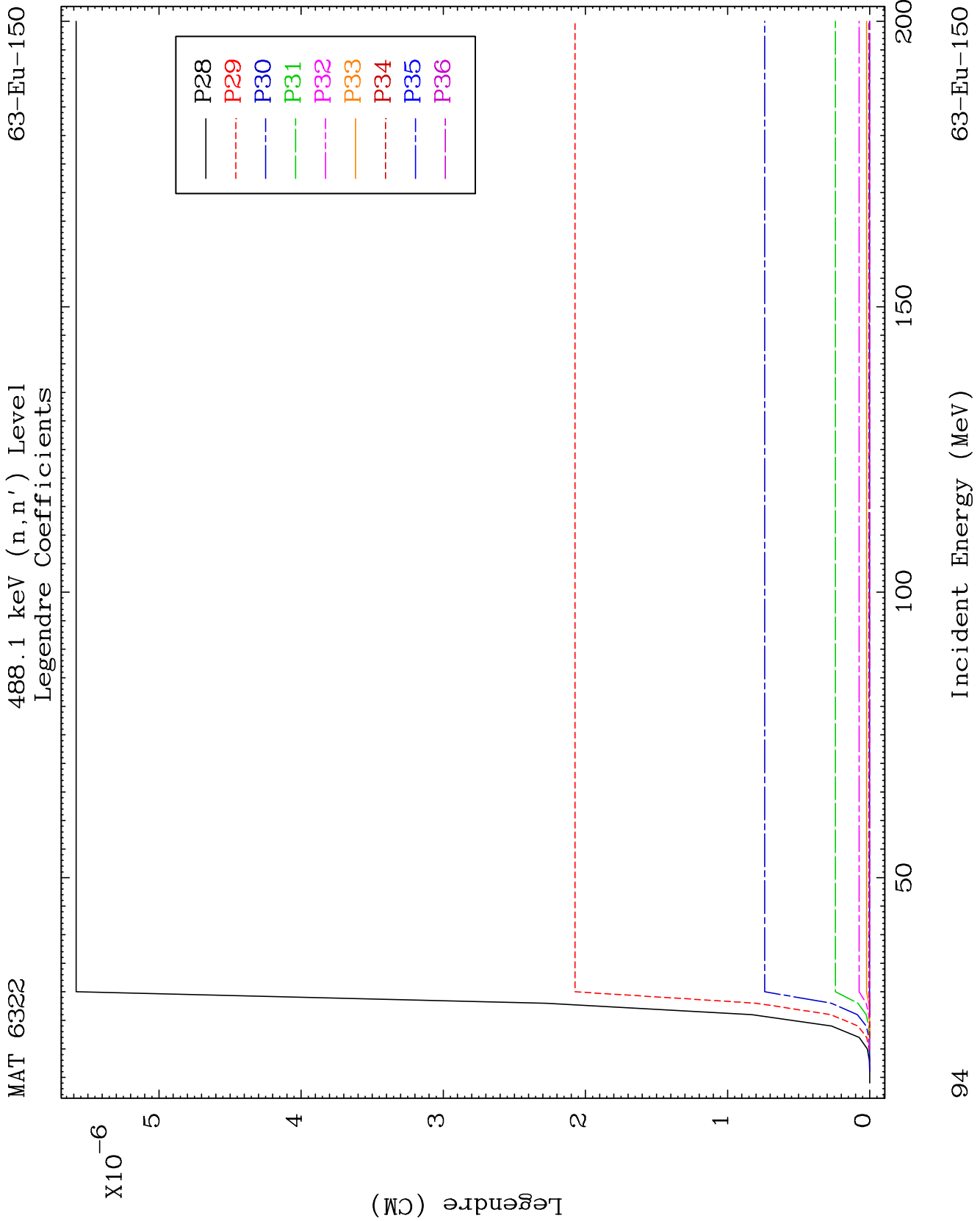
488.1 keV (n,n') Level
Legendre Coefficients

63-Eu-150



93

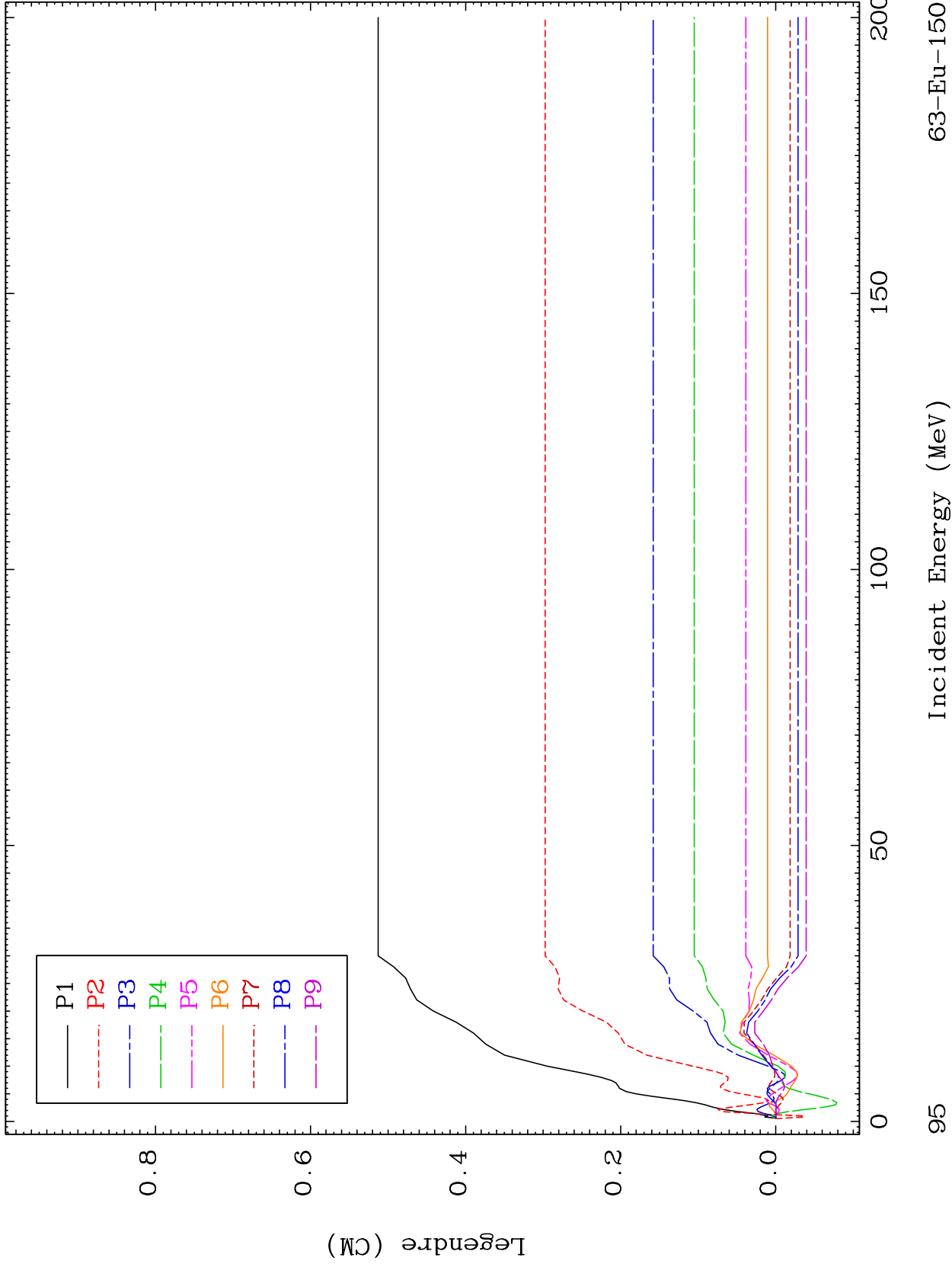
63-Eu-150



MAT 6322

496.3 keV (n,n') Level
Legendre Coefficients

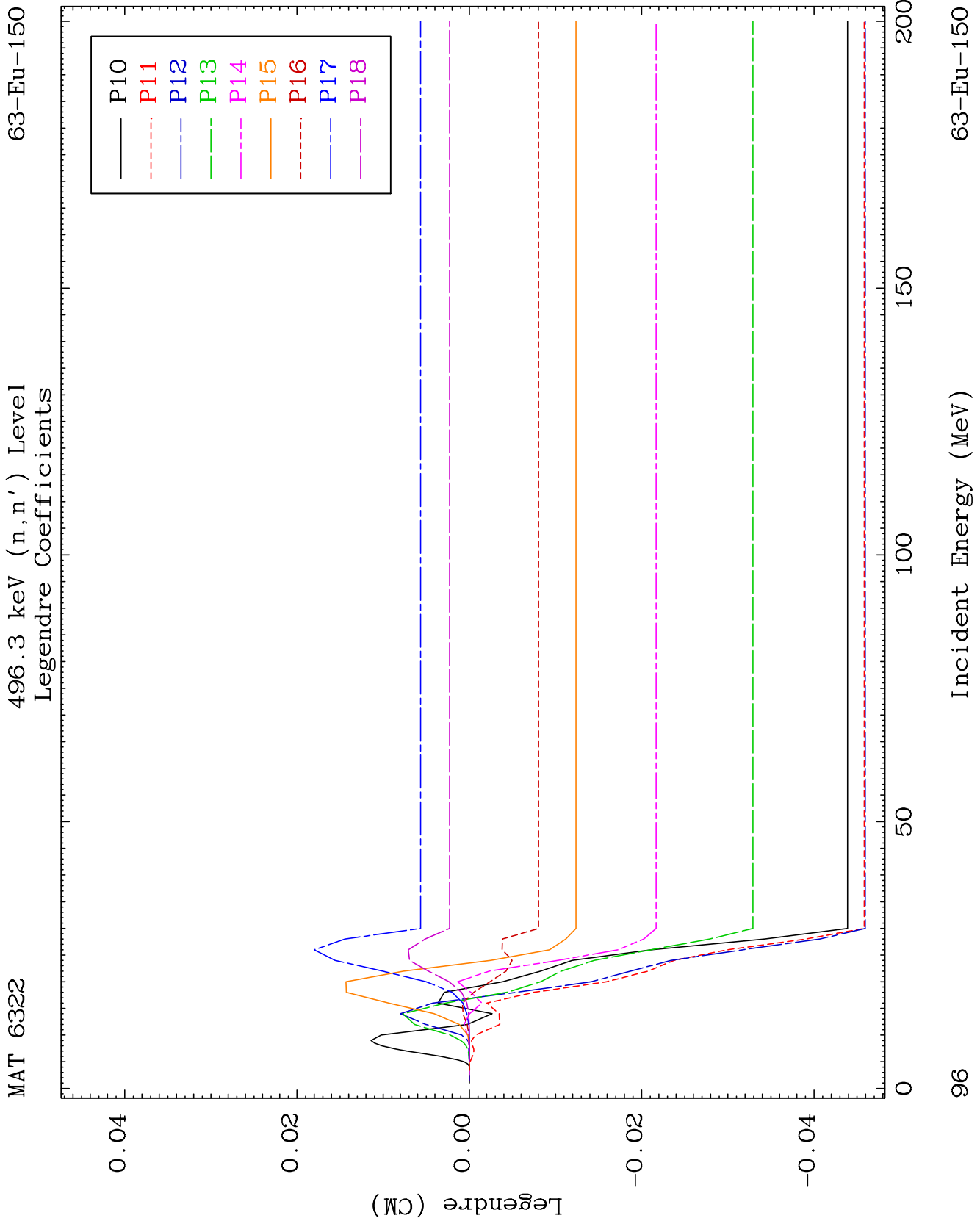
63-Eu-150

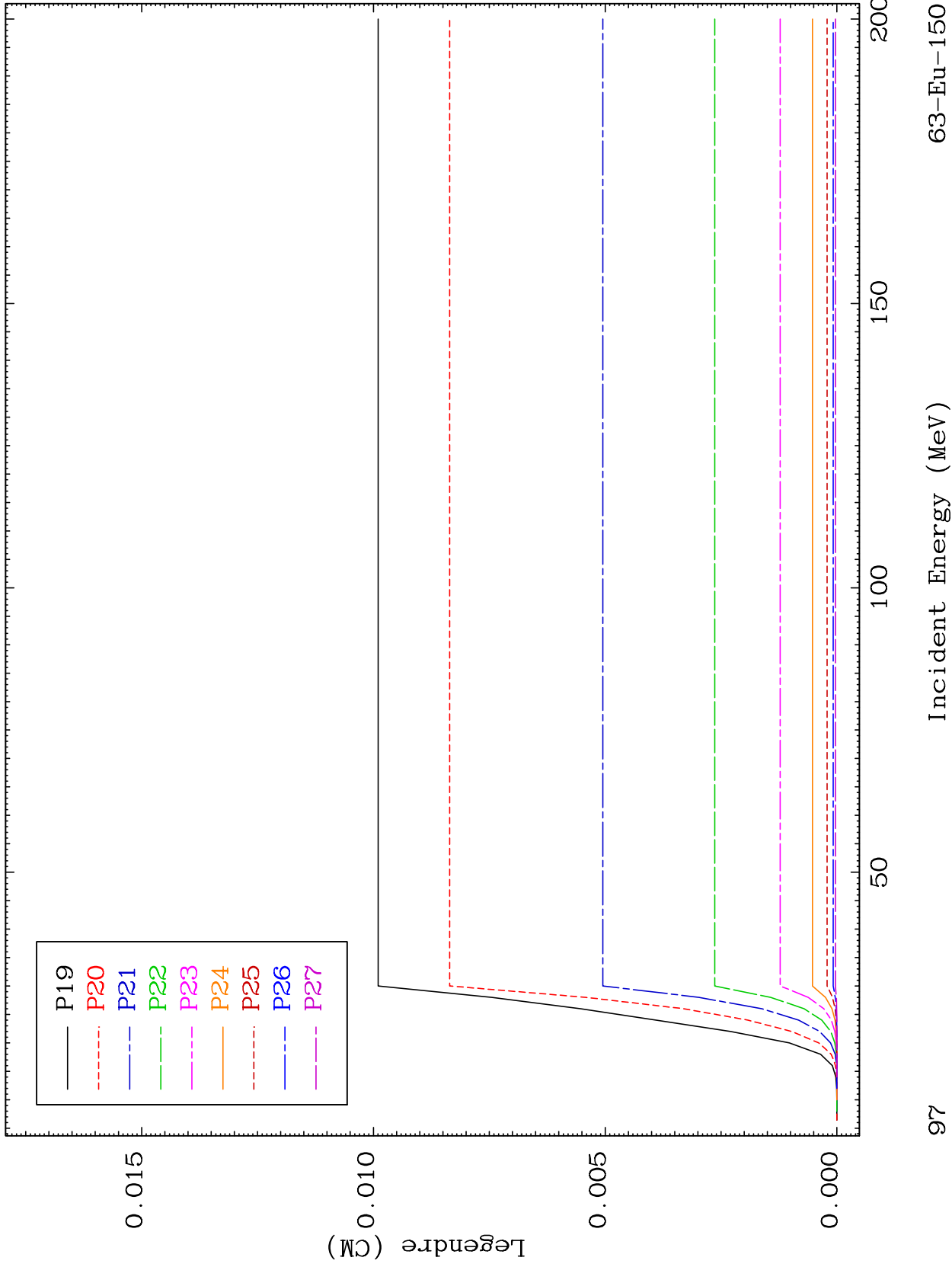


63-Eu-150

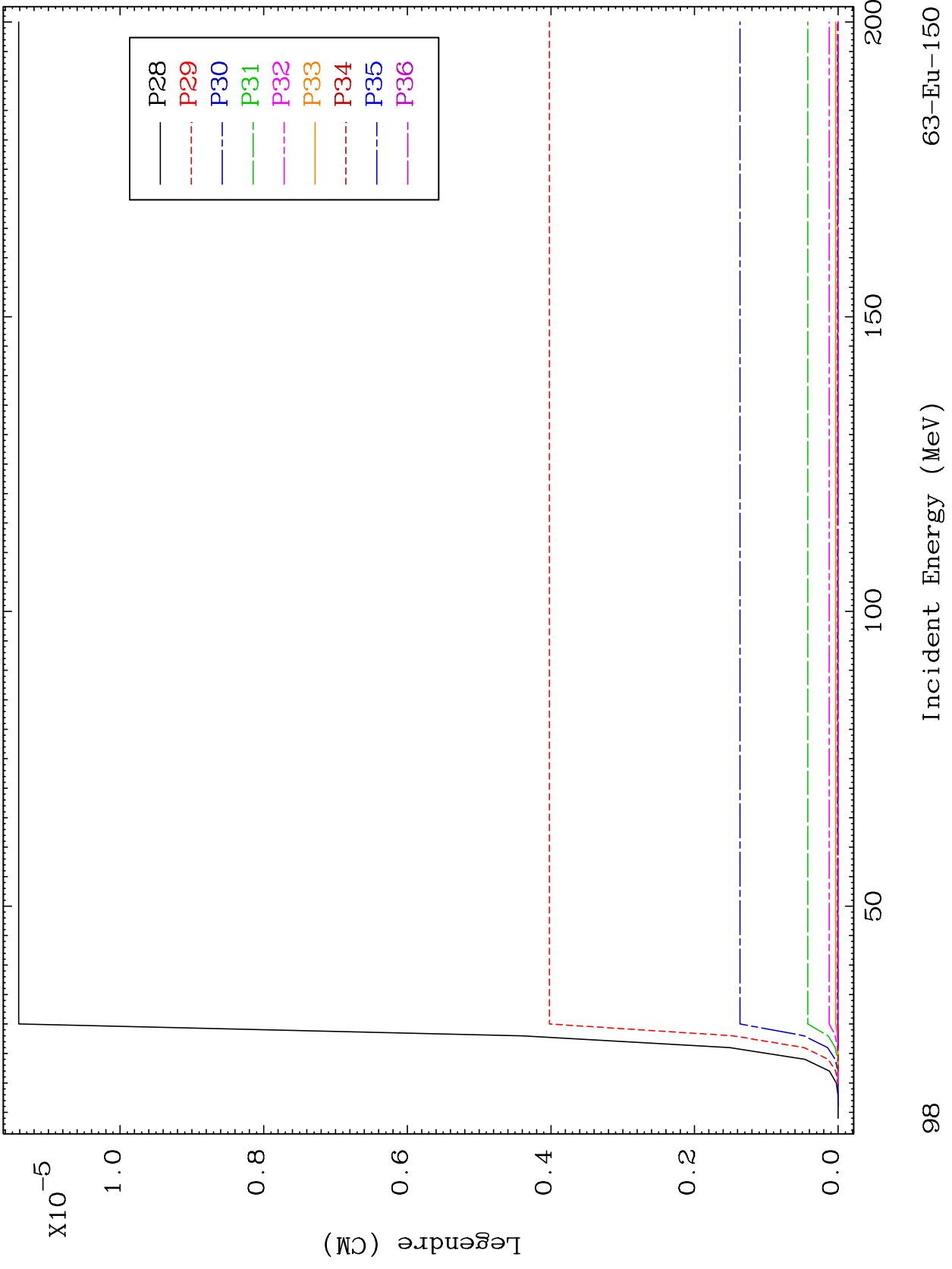
Incident Energy (MeV)

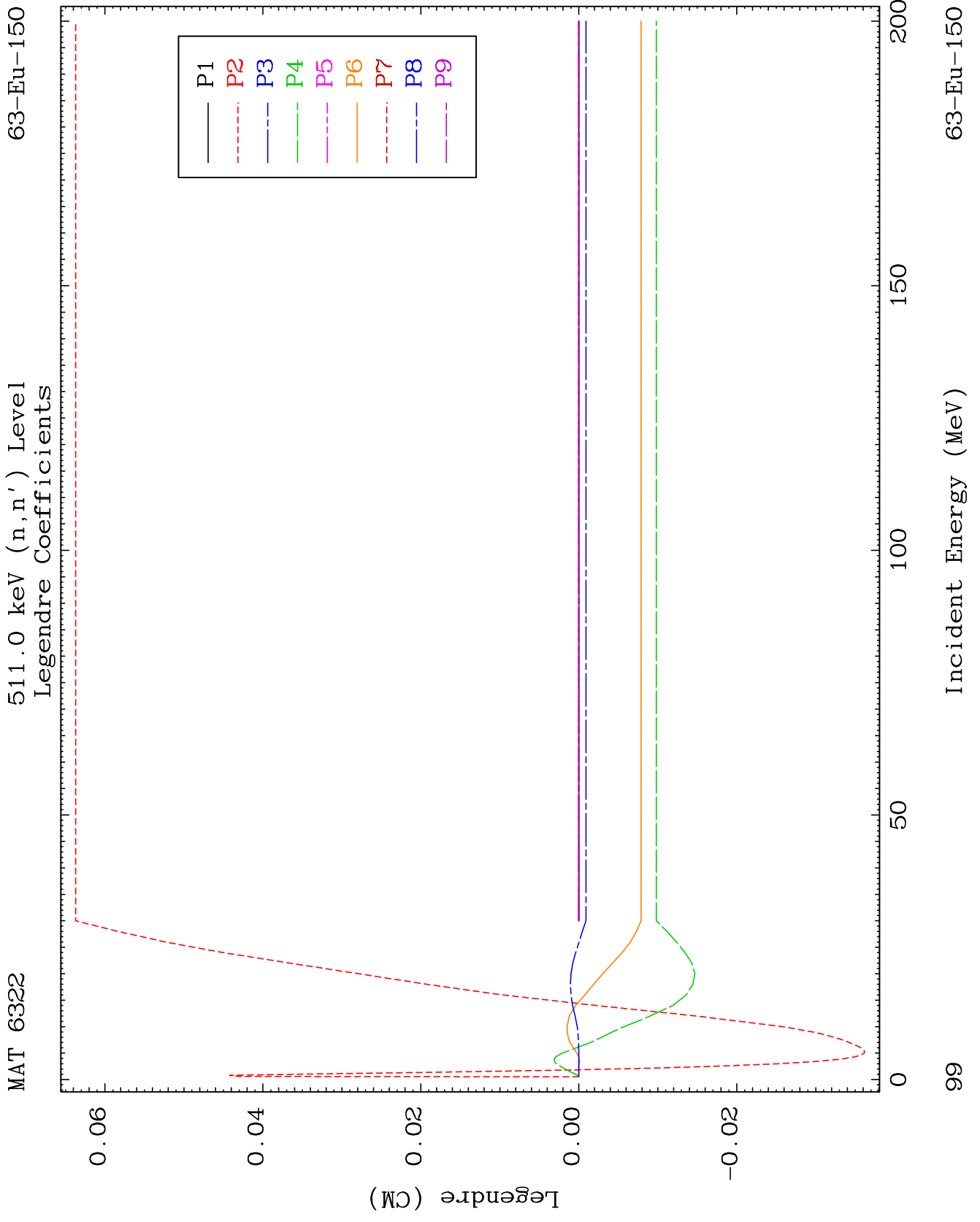
95

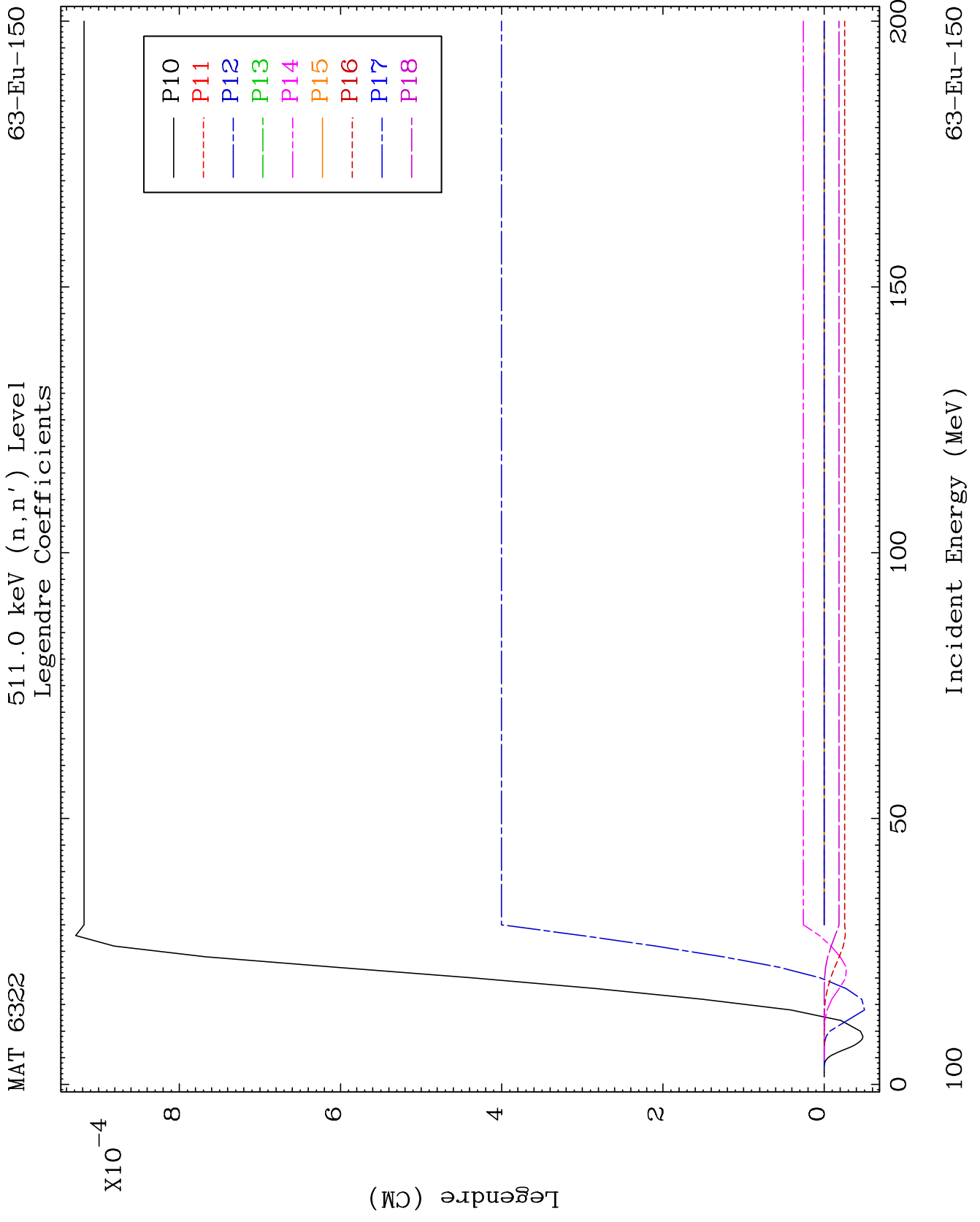


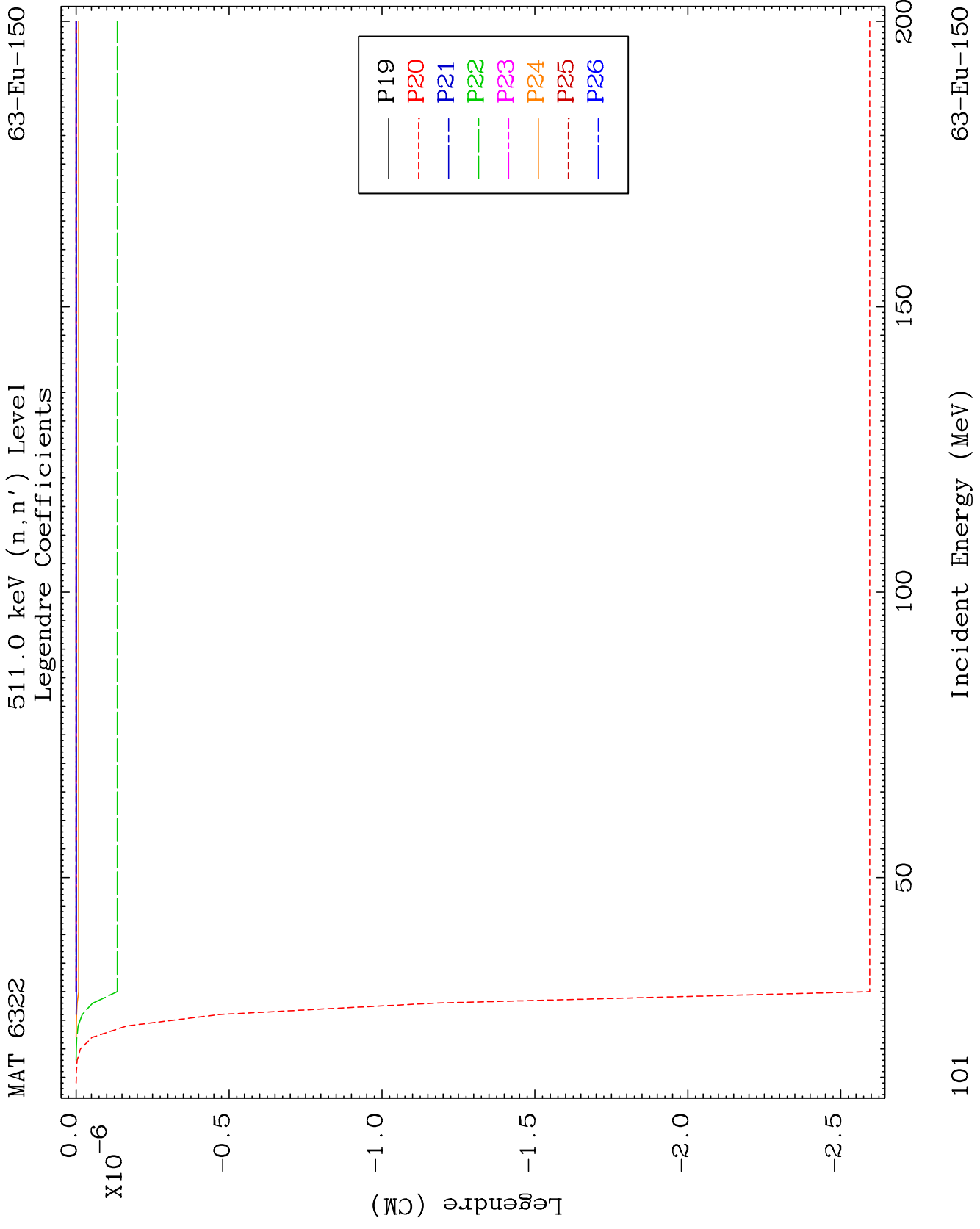


MAT 6322 496.3 keV (n,n') Level 63-Eu-150





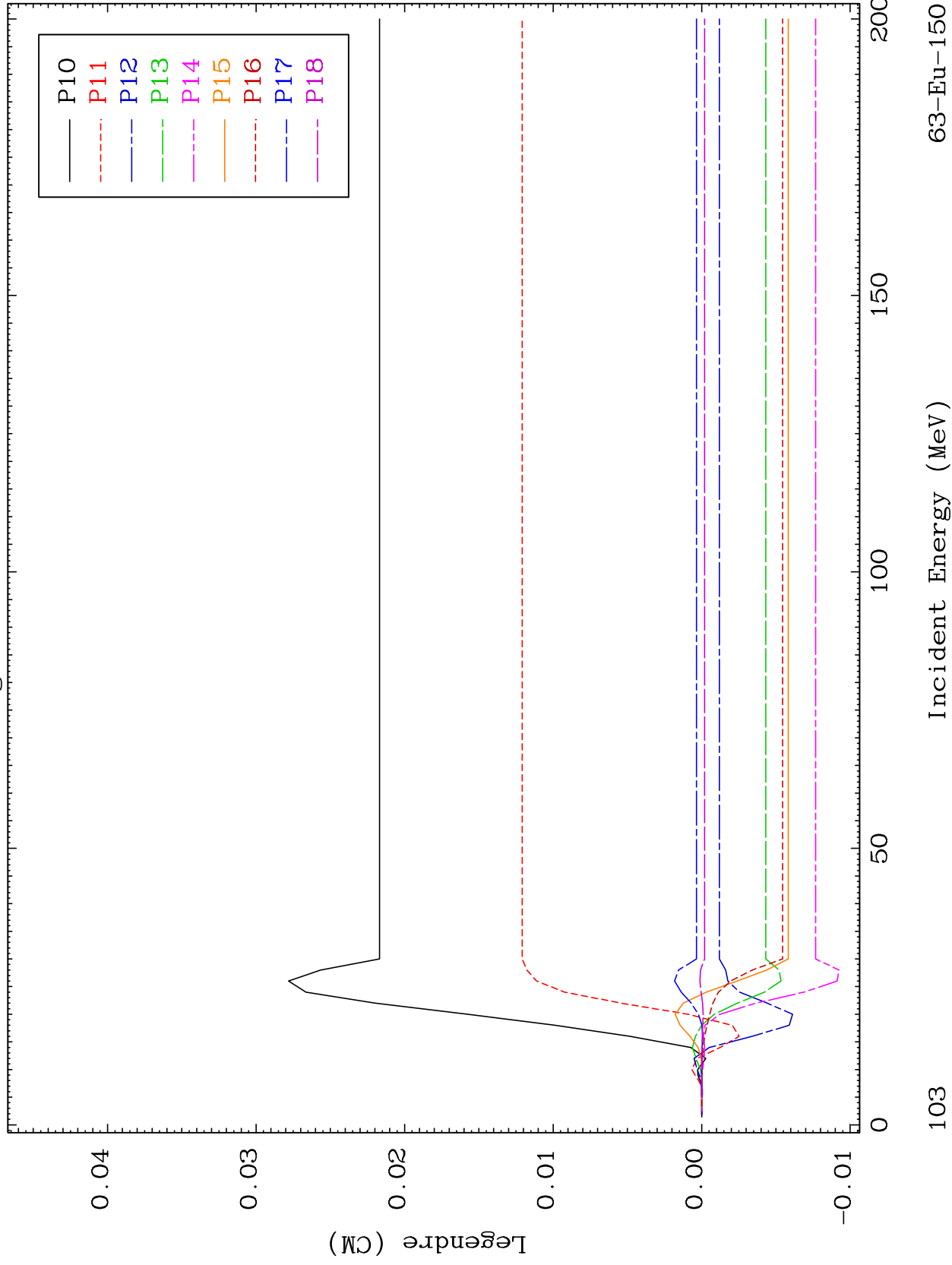




MAT 6322

532.3 keV (n,n') Level
Legendre Coefficients

63-Eu-150



63-Eu-150

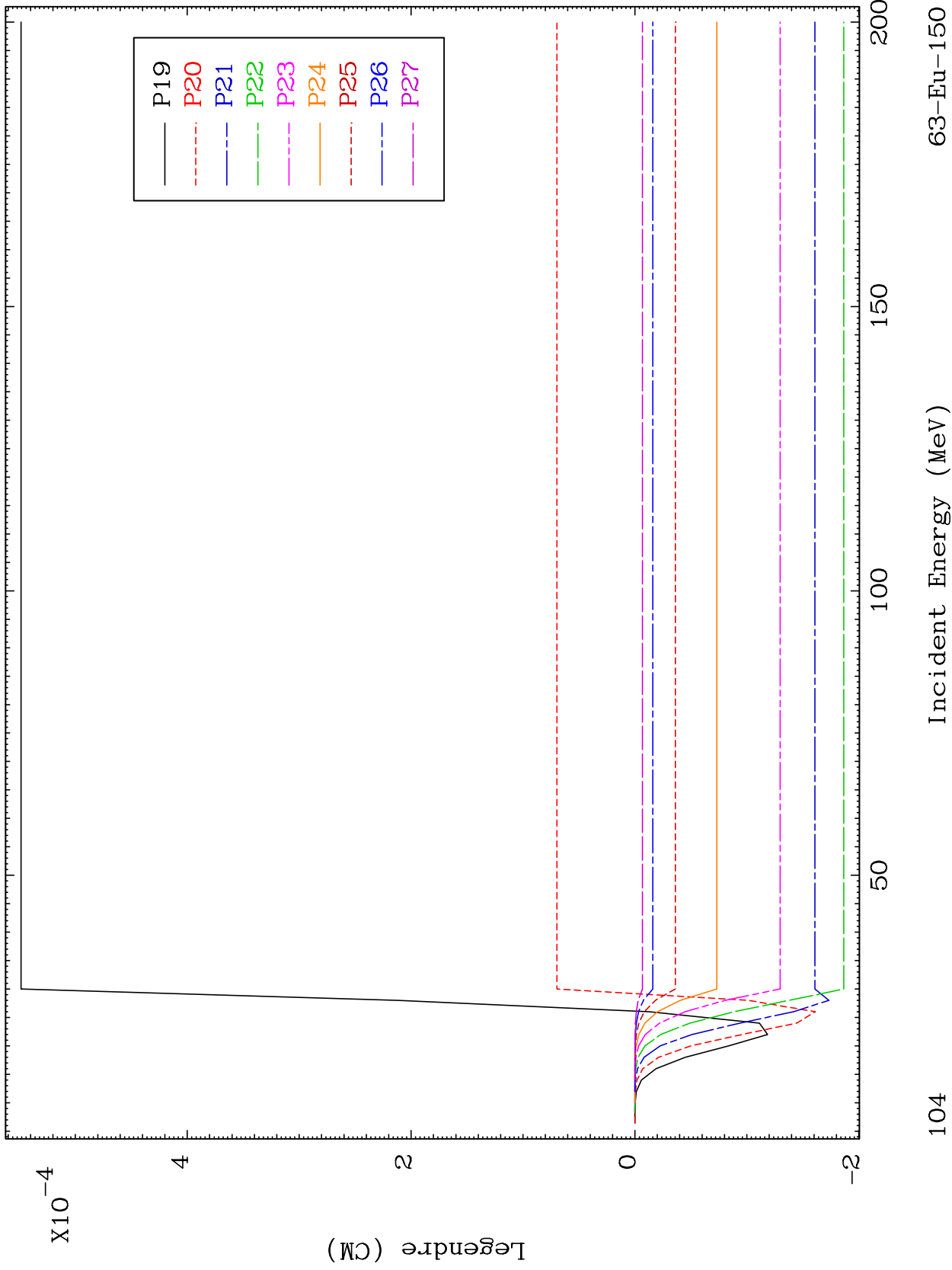
Incident Energy (MeV)

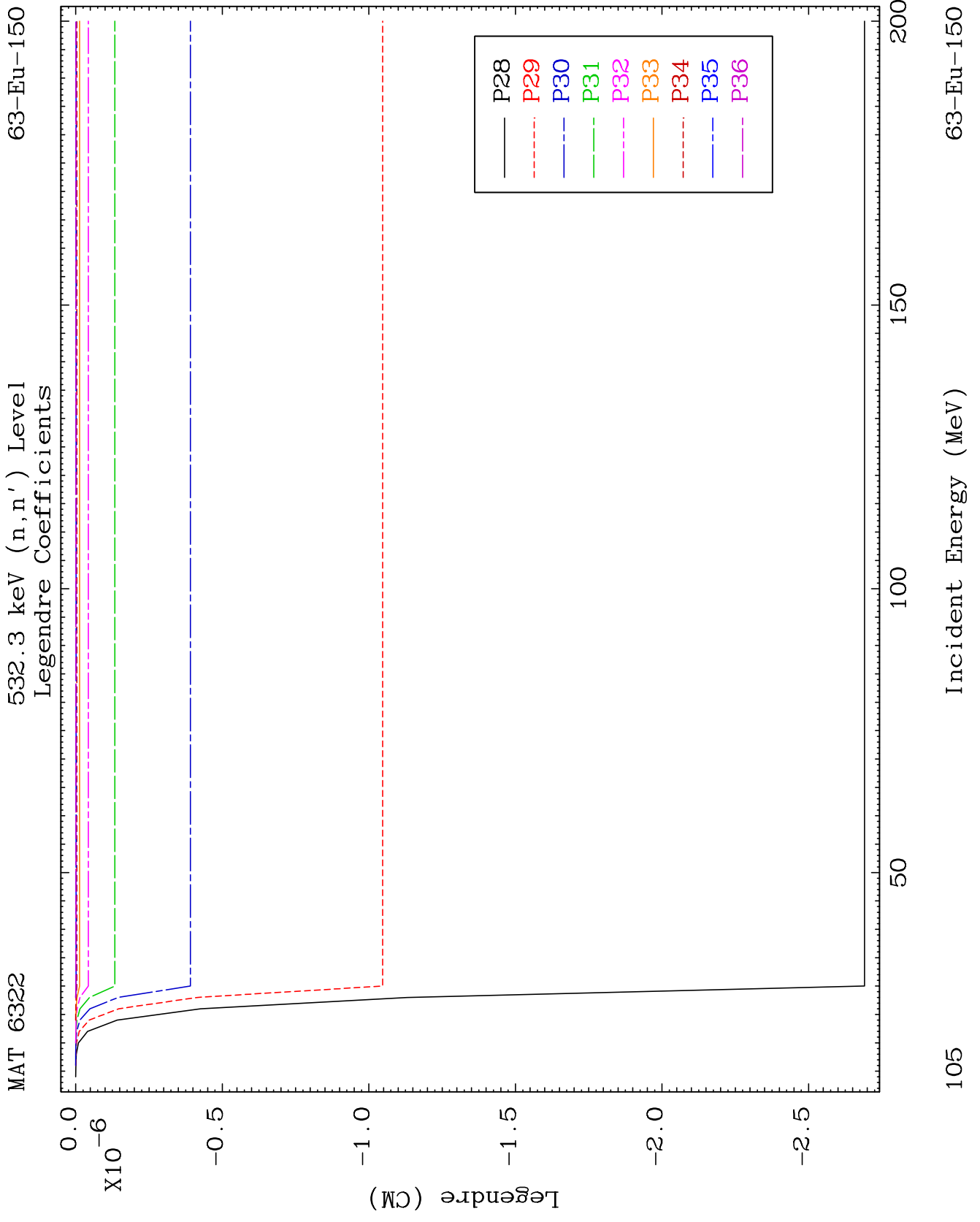
103

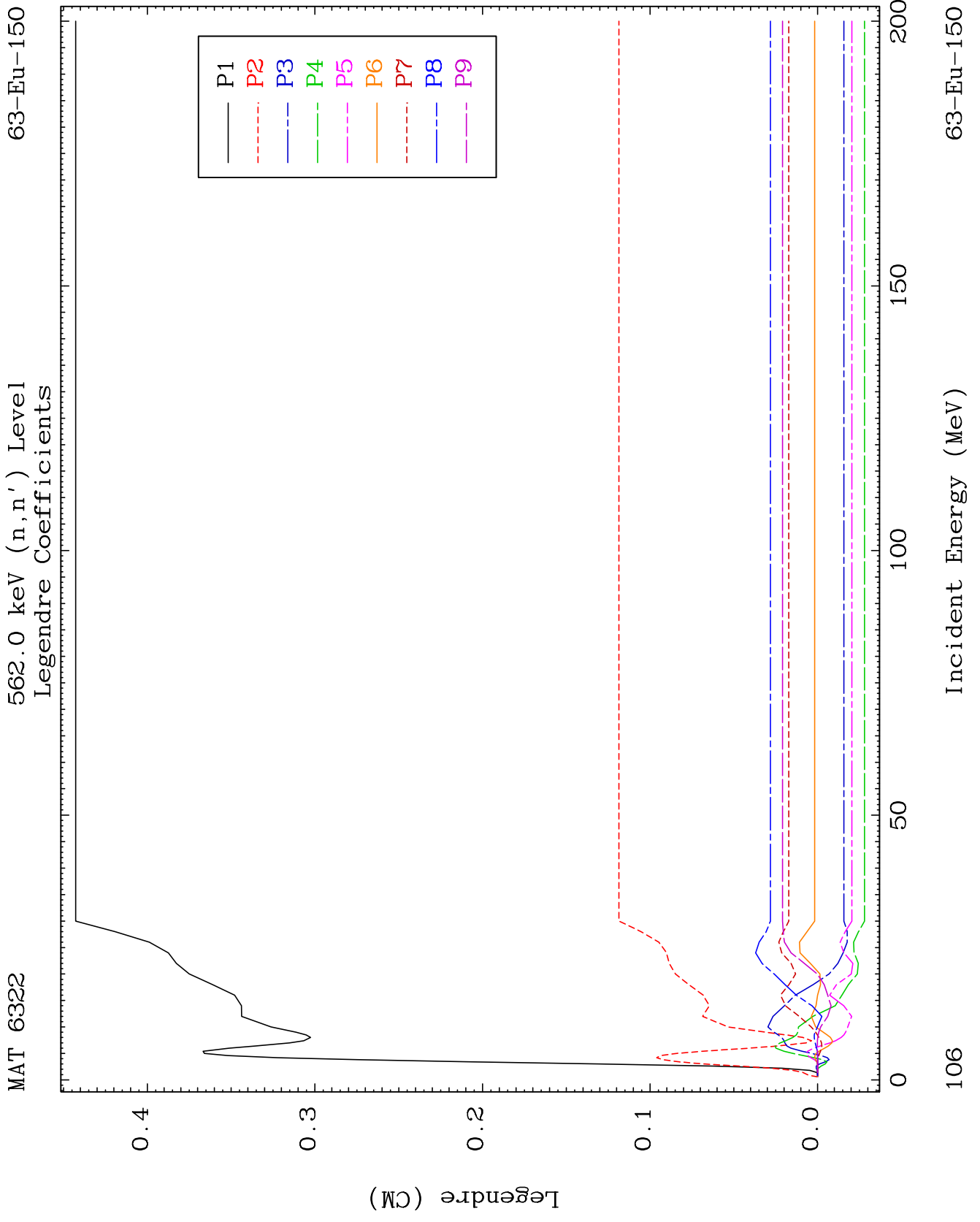
MAT 6322

532.3 keV (n,n') Level
Legendre Coefficients

63-Eu-150



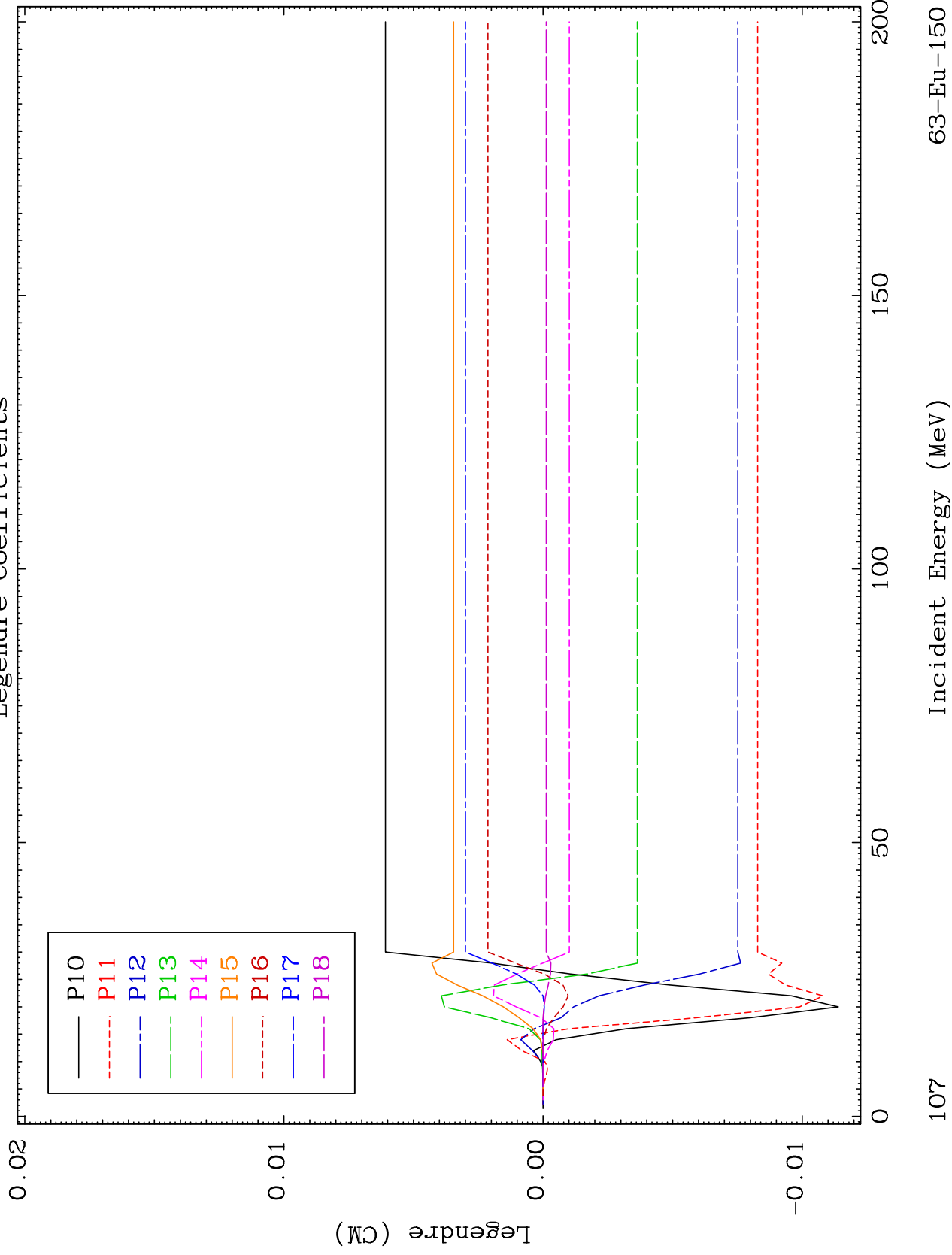




MAT 6322

562.0 keV (n,n') Level
Legendre Coefficients

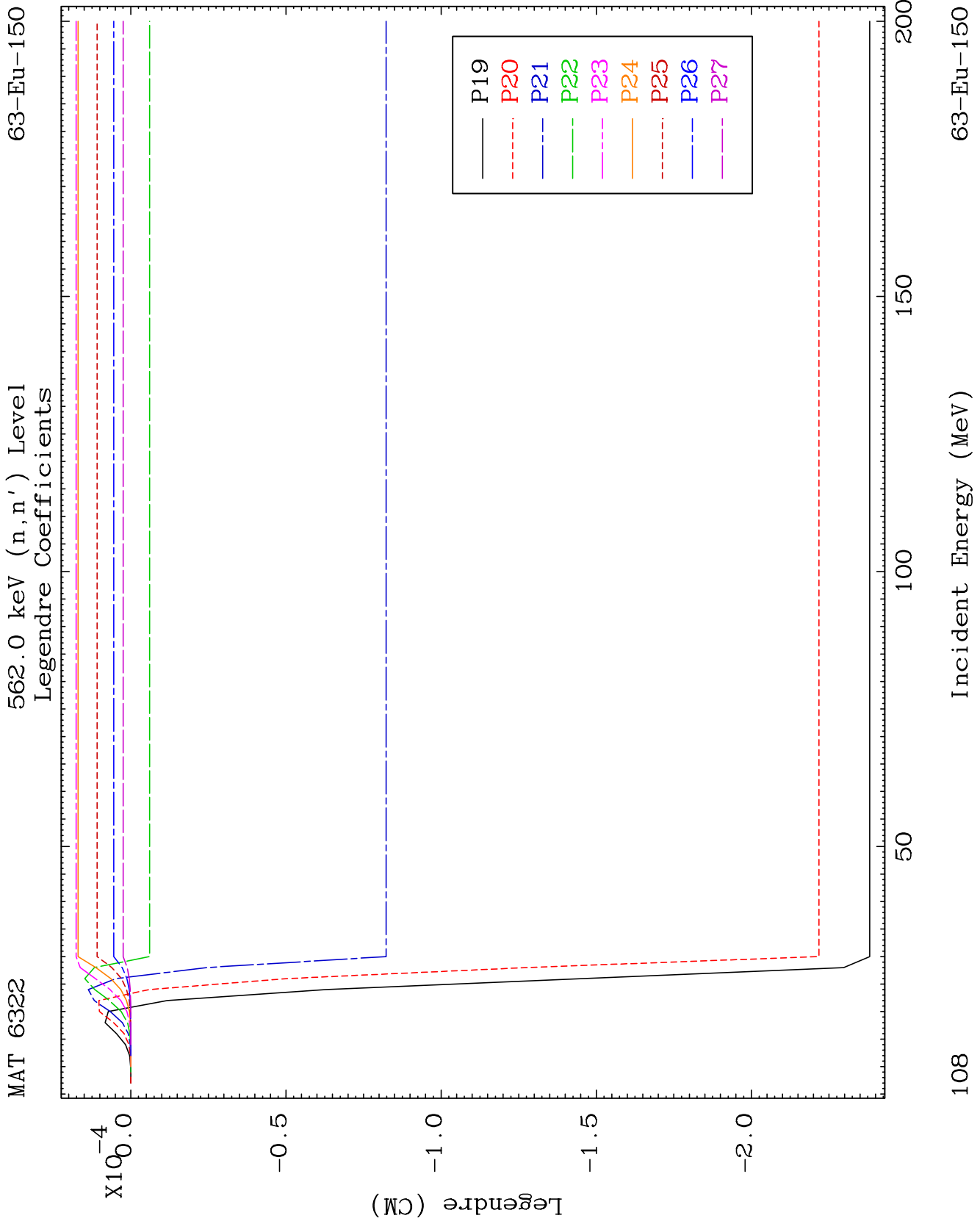
63-Eu-150

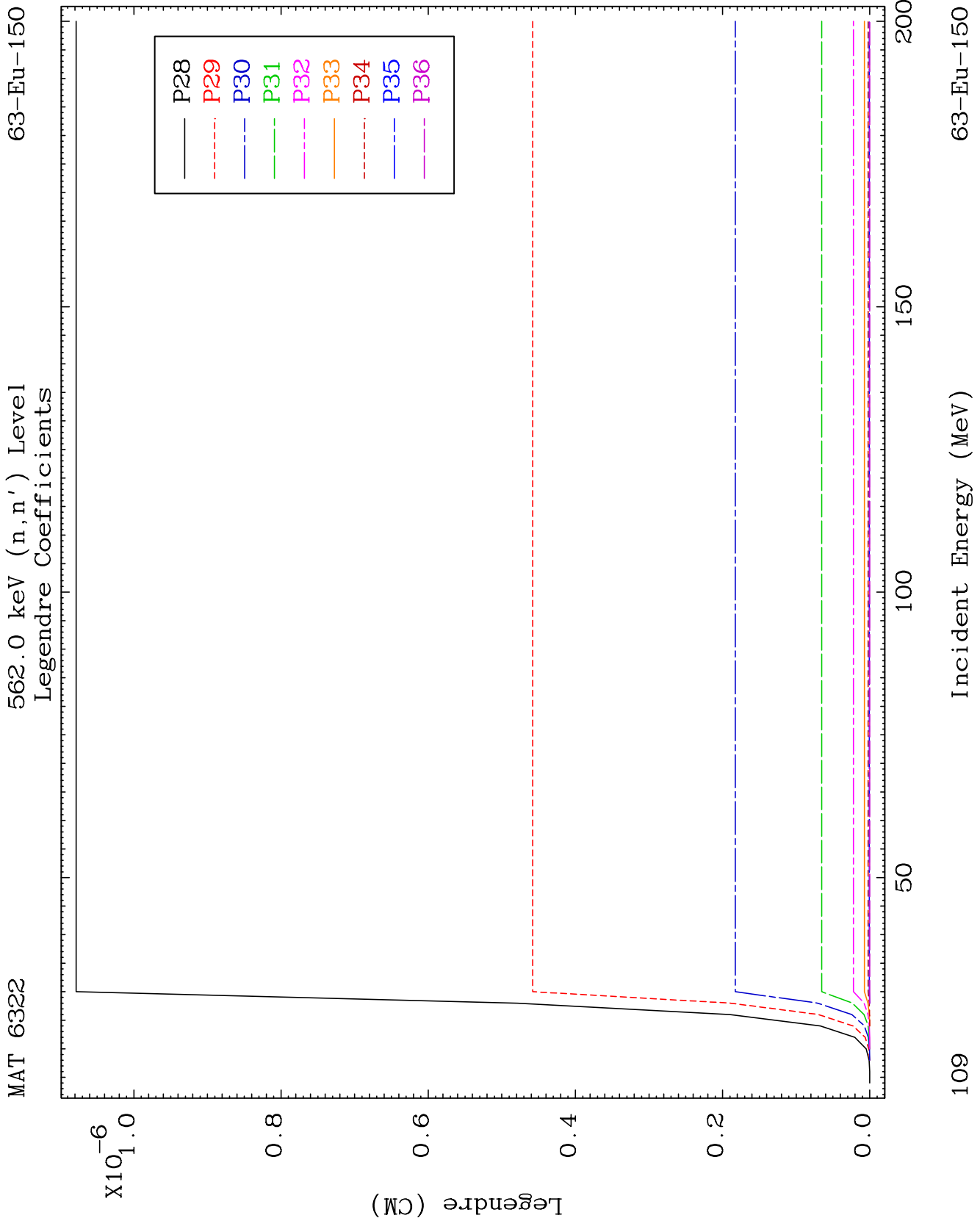


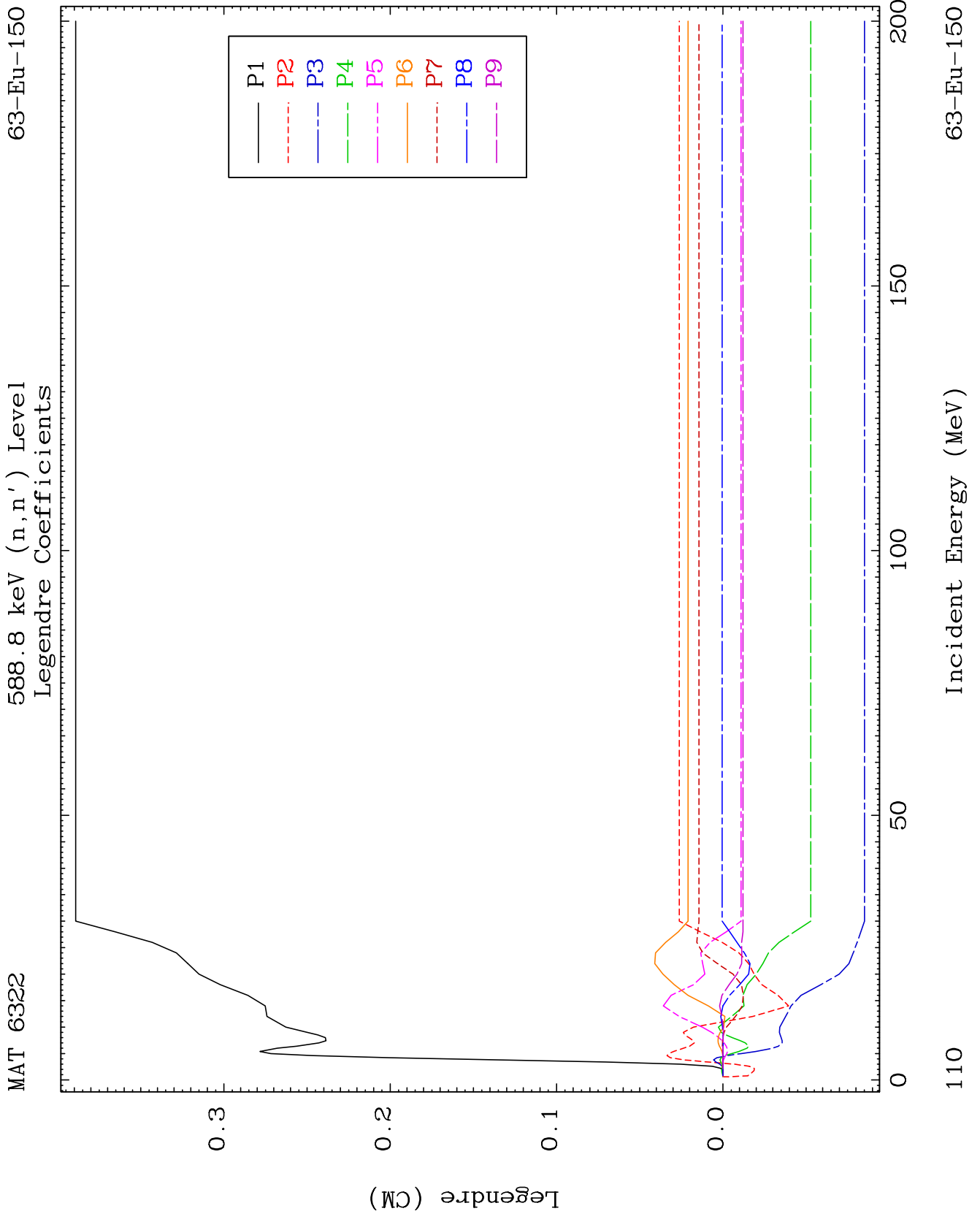
107

Incident Energy (MeV)

63-Eu-150



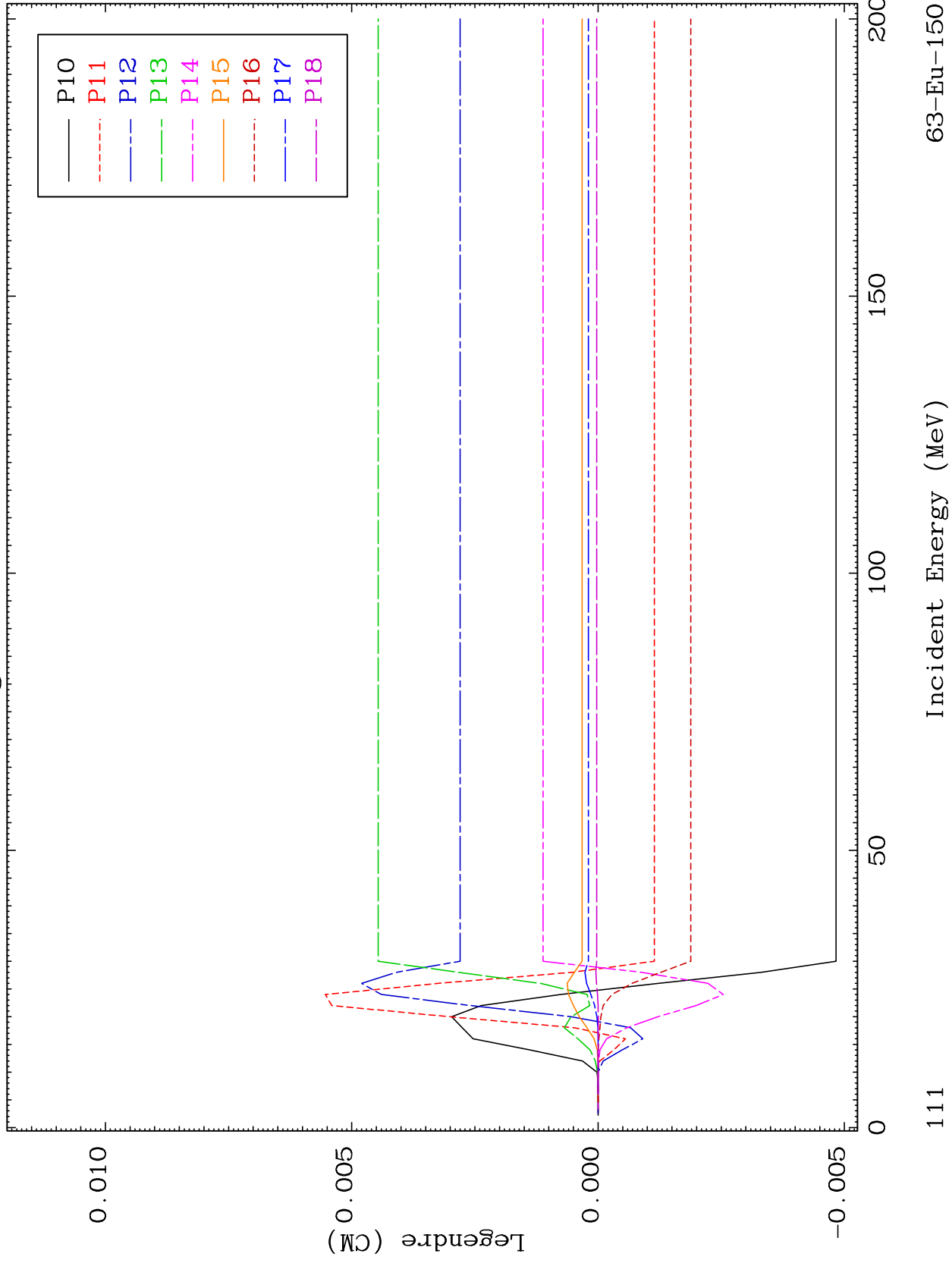




MAT 6322

588.8 keV (n,n') Level
Legendre Coefficients

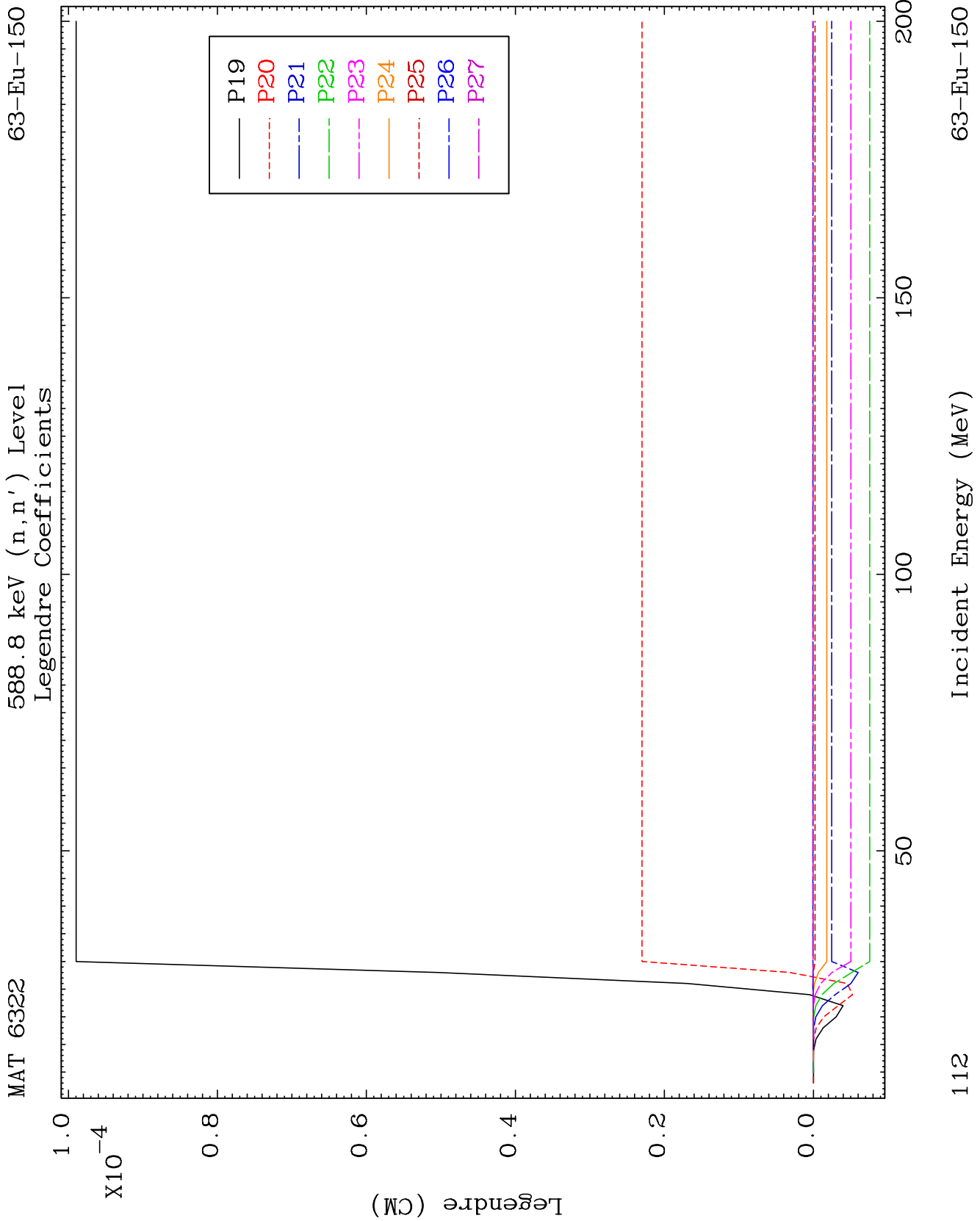
63-Eu-150

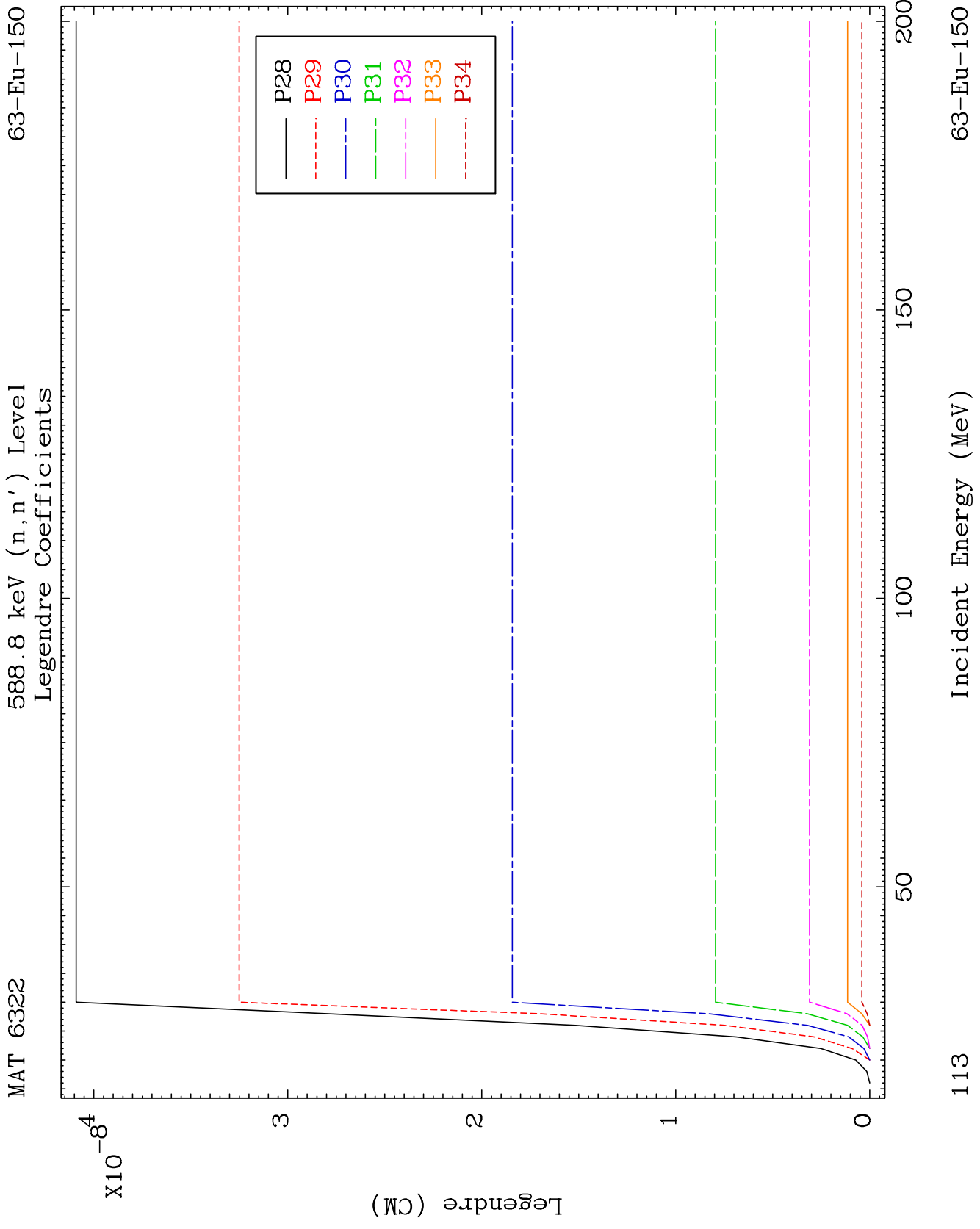


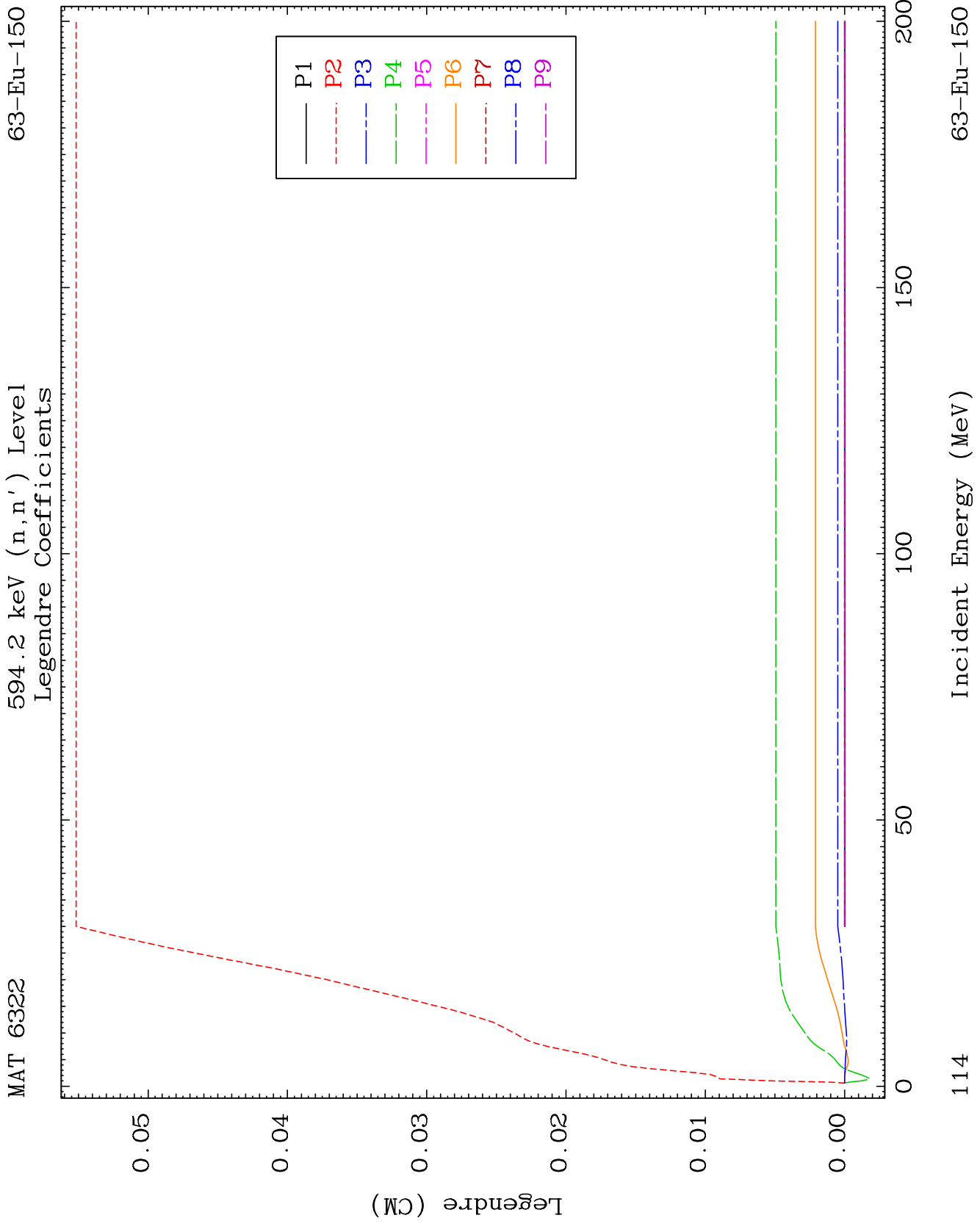
111

Incident Energy (MeV)

63-Eu-150



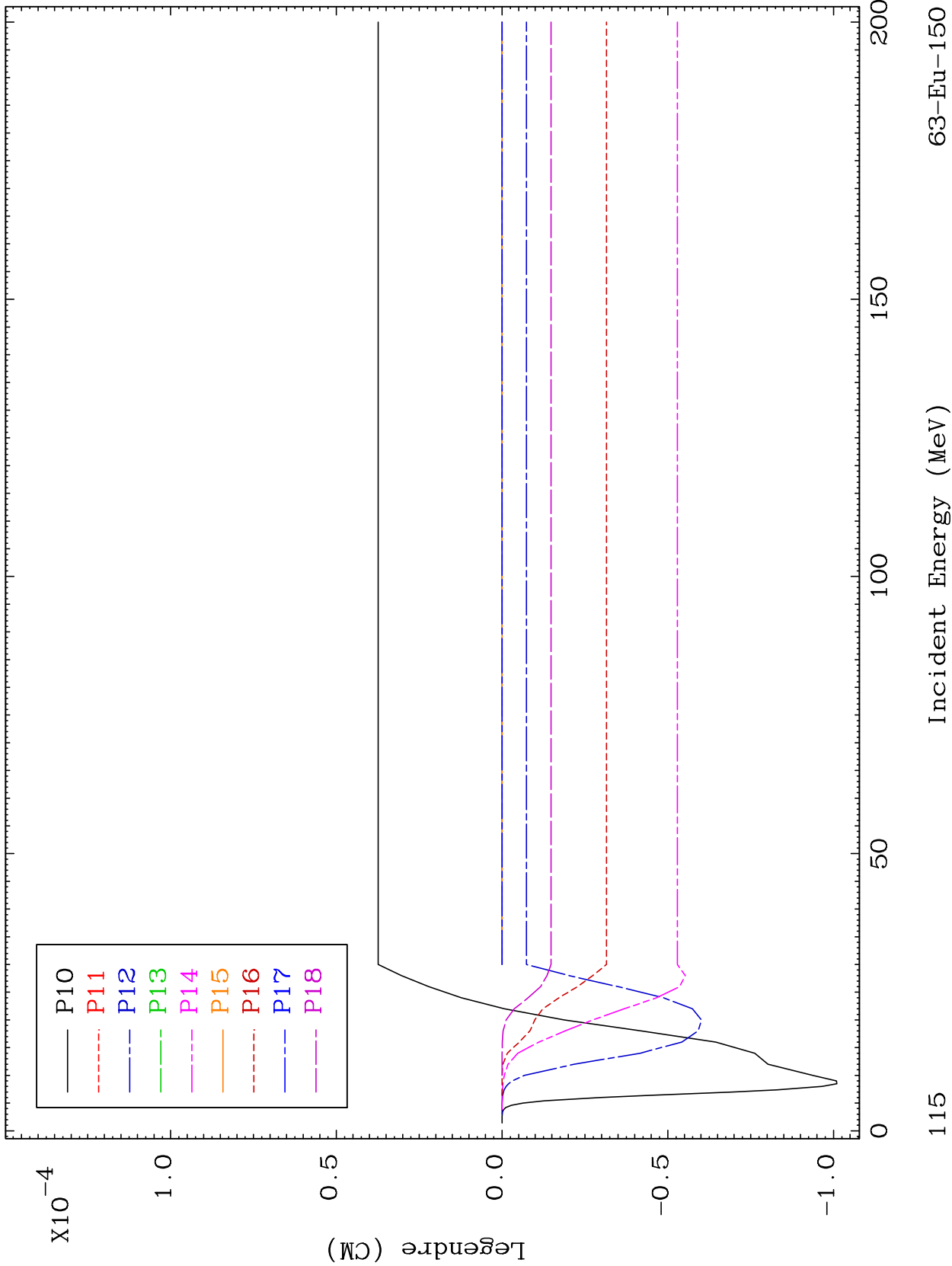




MAT 6322

594.2 keV (n,n') Level
Legendre Coefficients

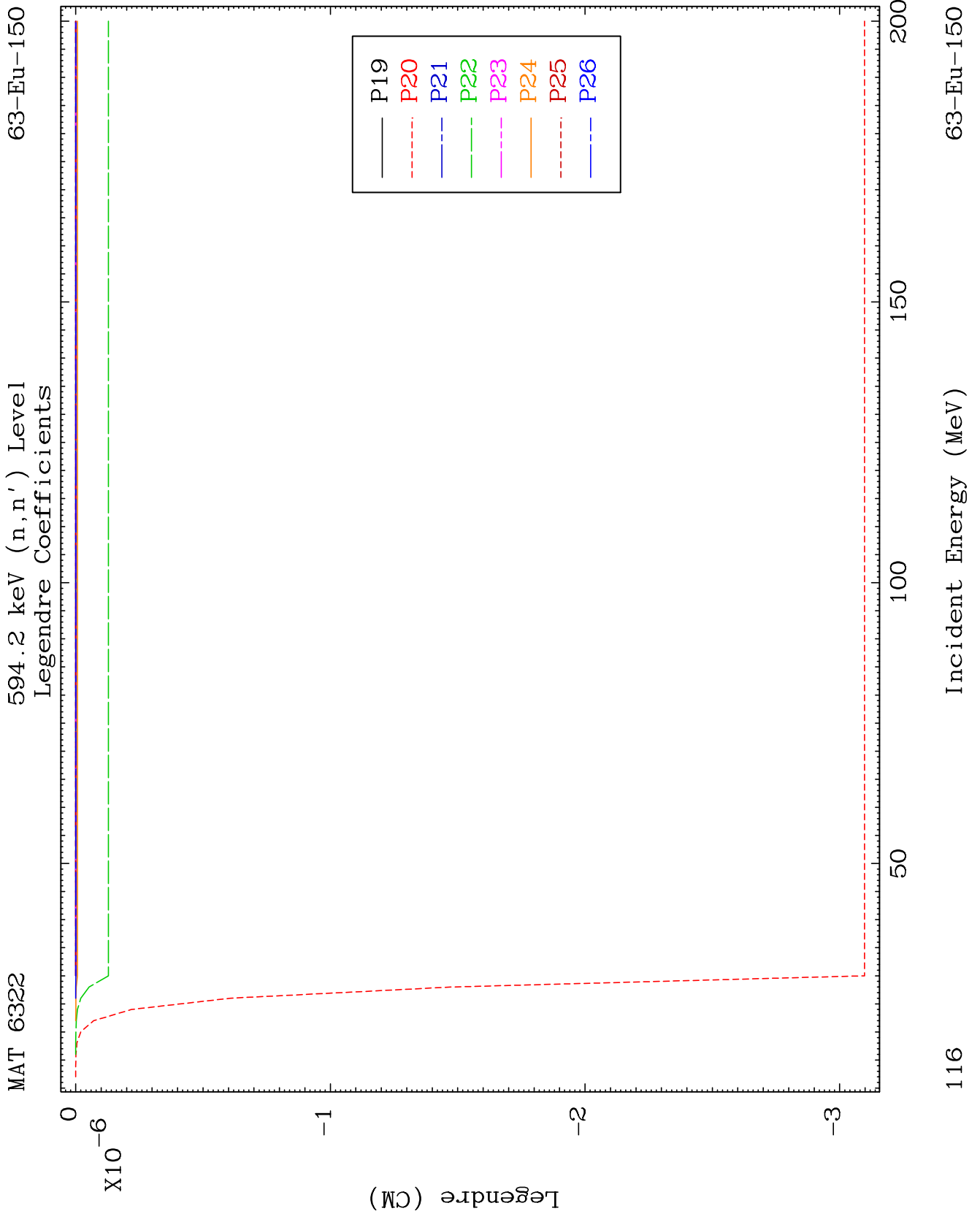
63-Eu-150

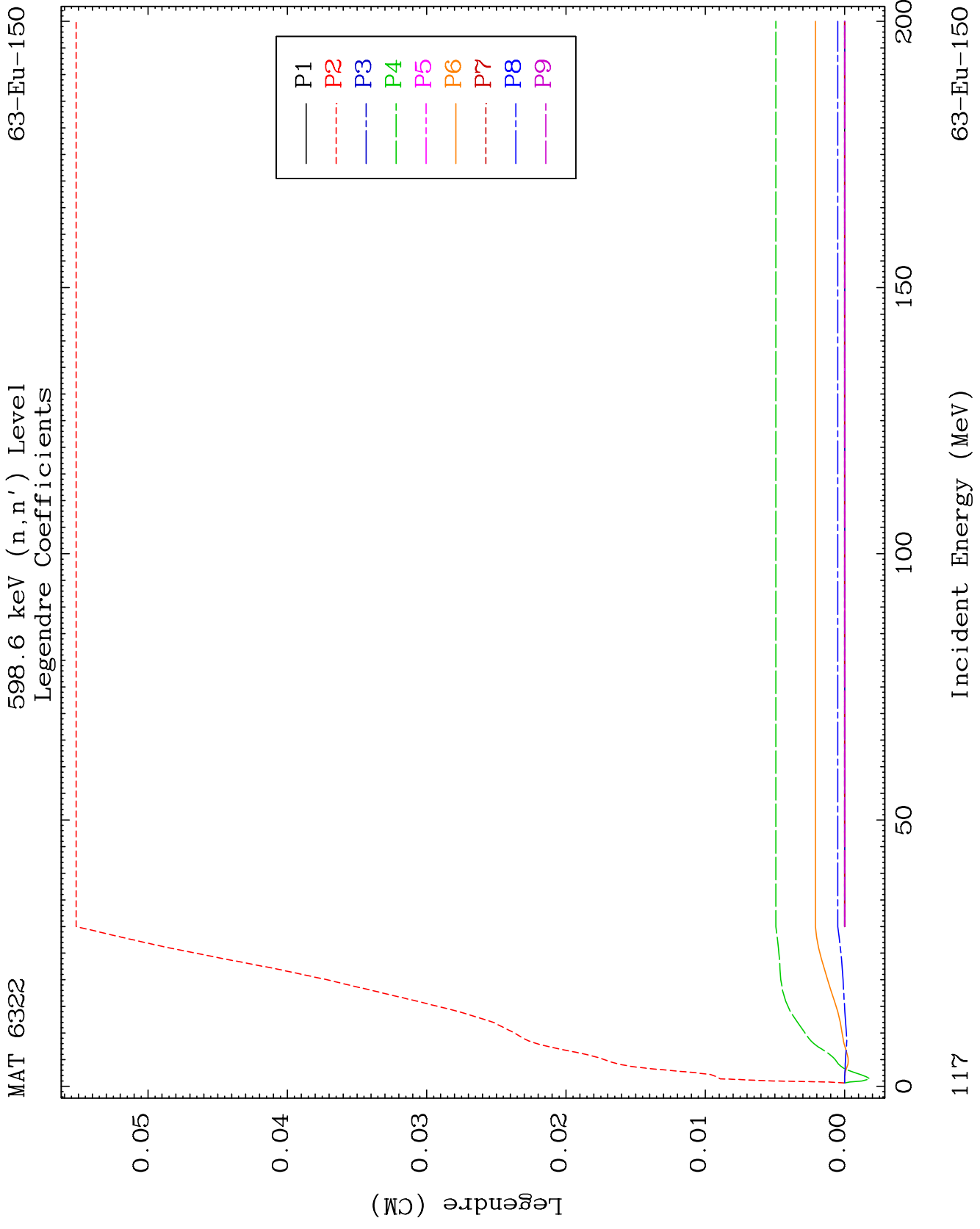


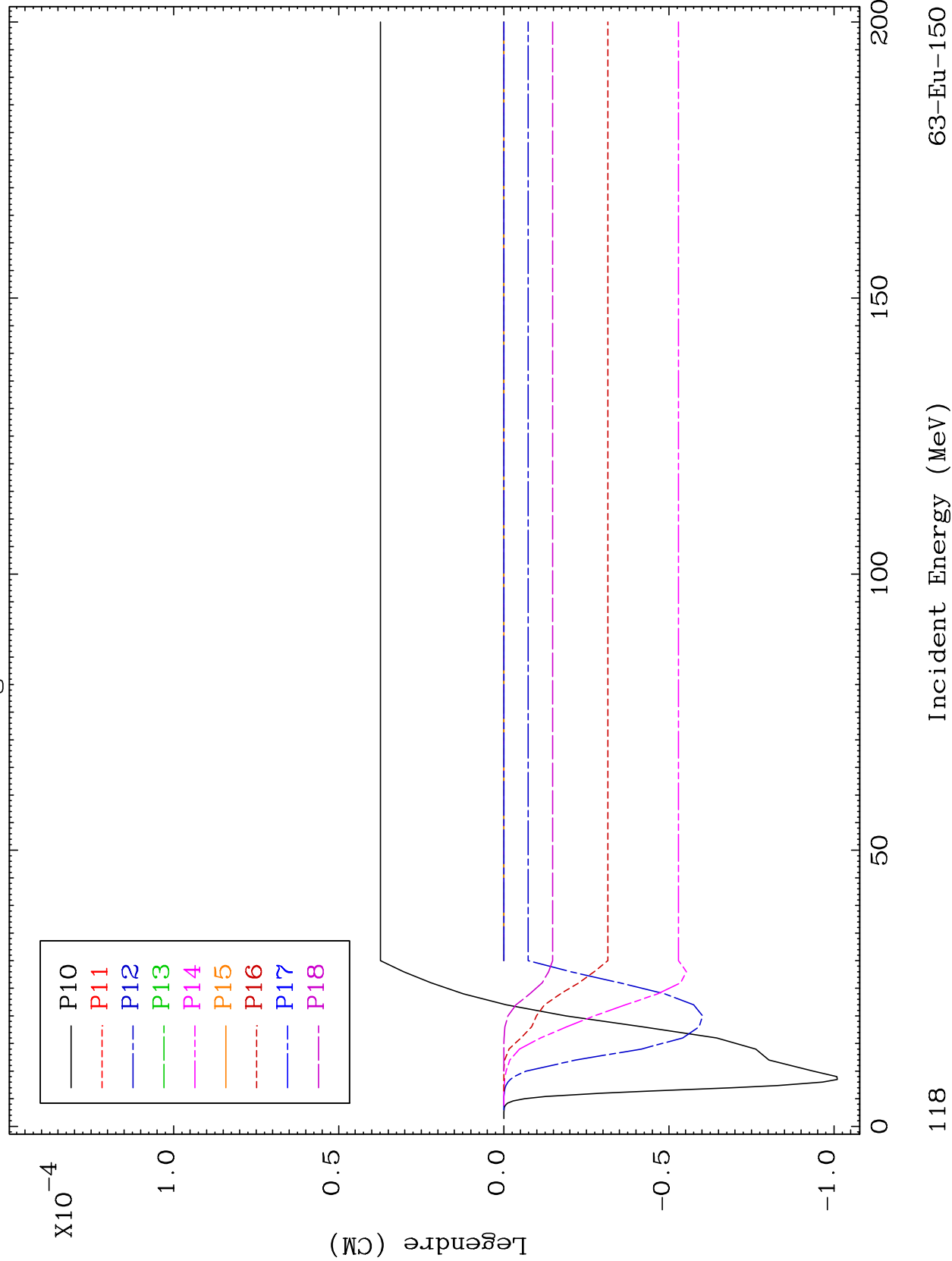
115

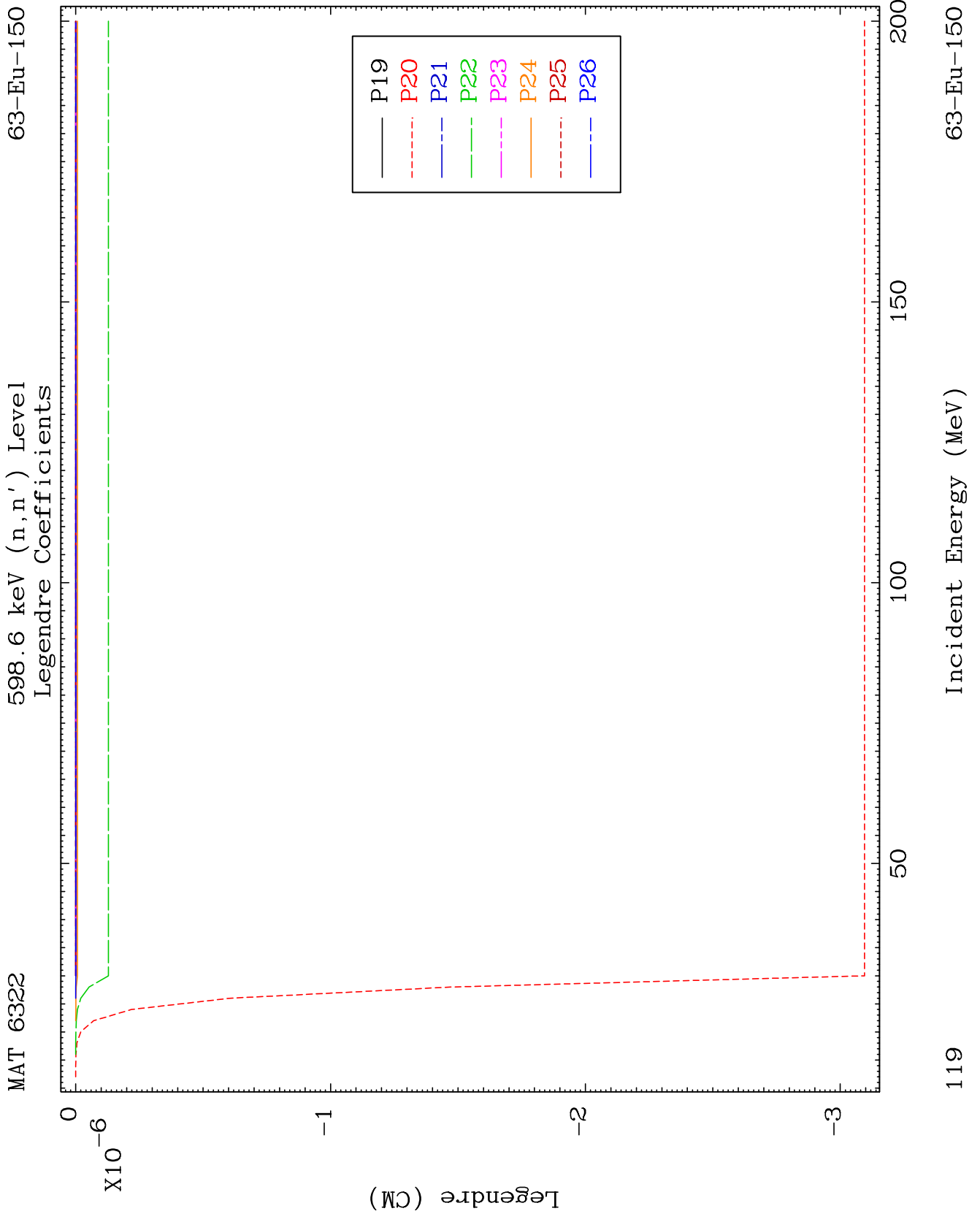
Incident Energy (MeV)

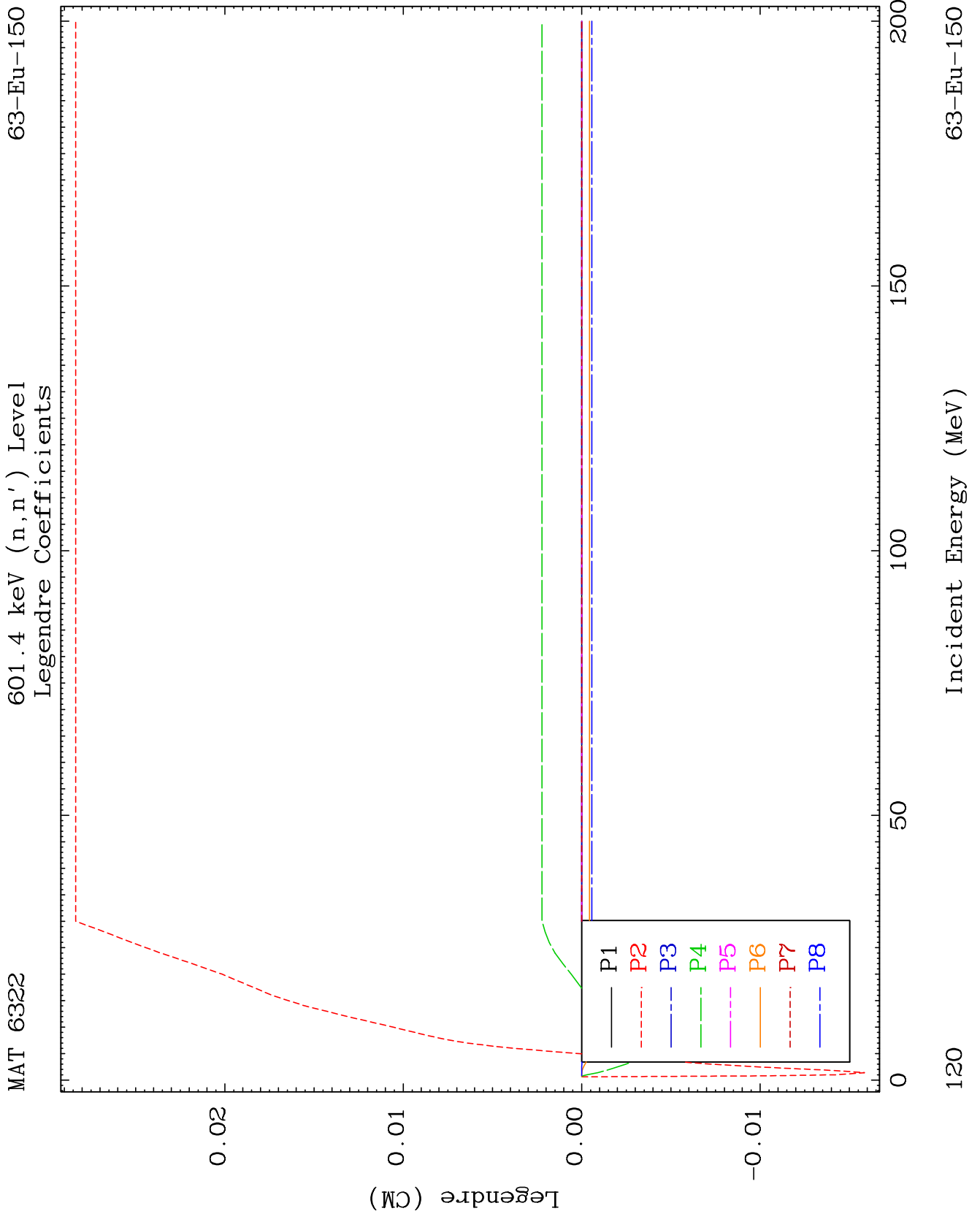
63-Eu-150

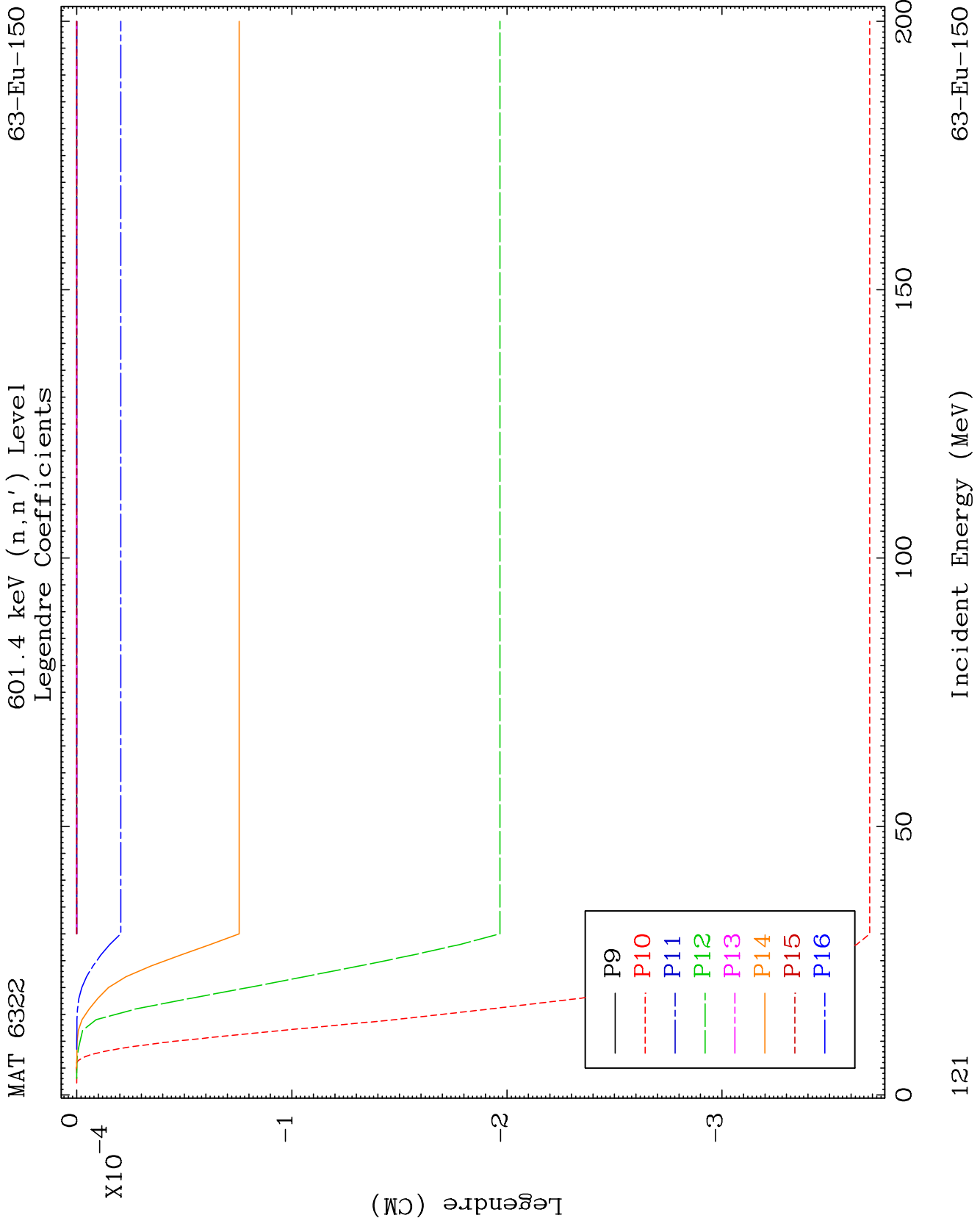


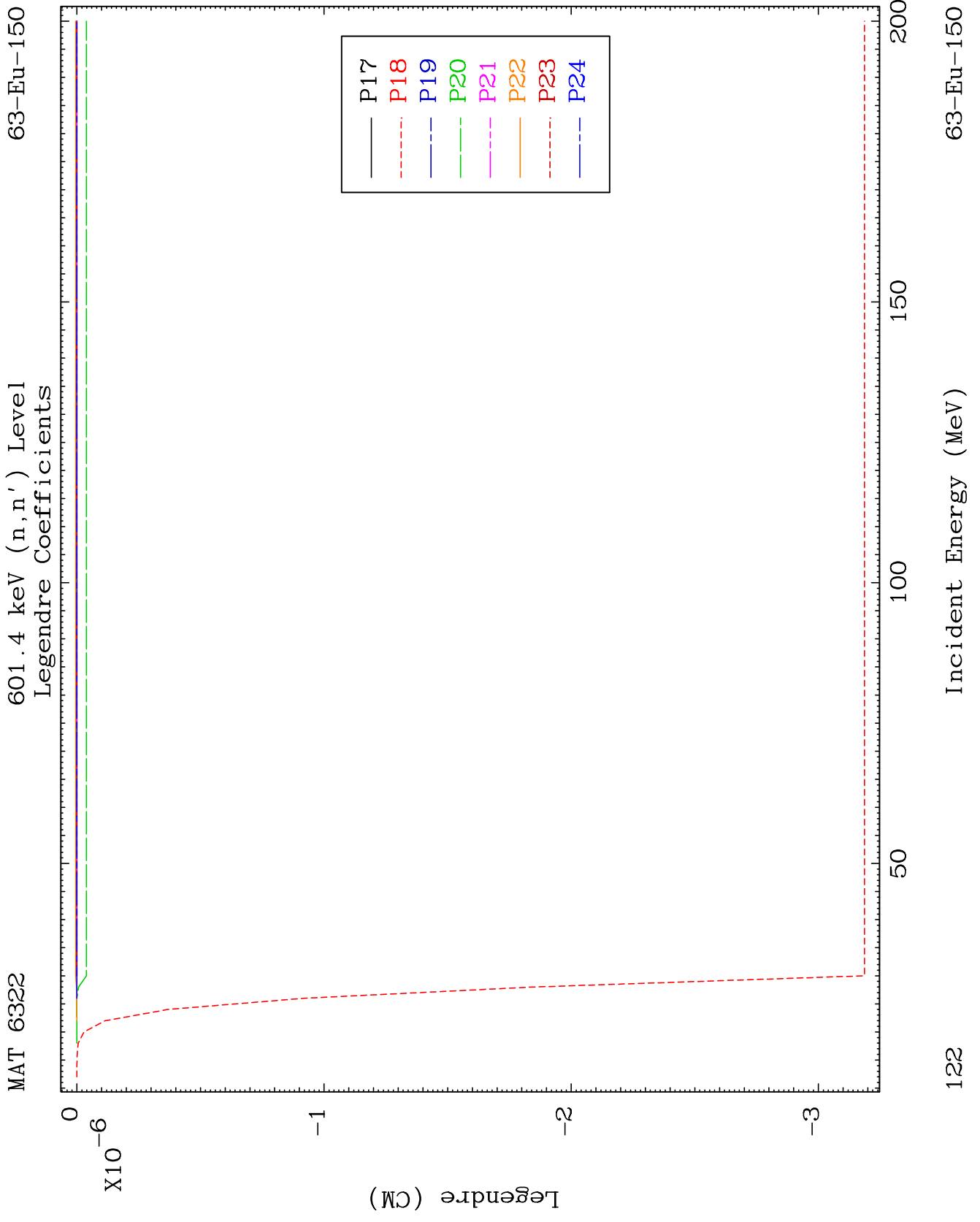


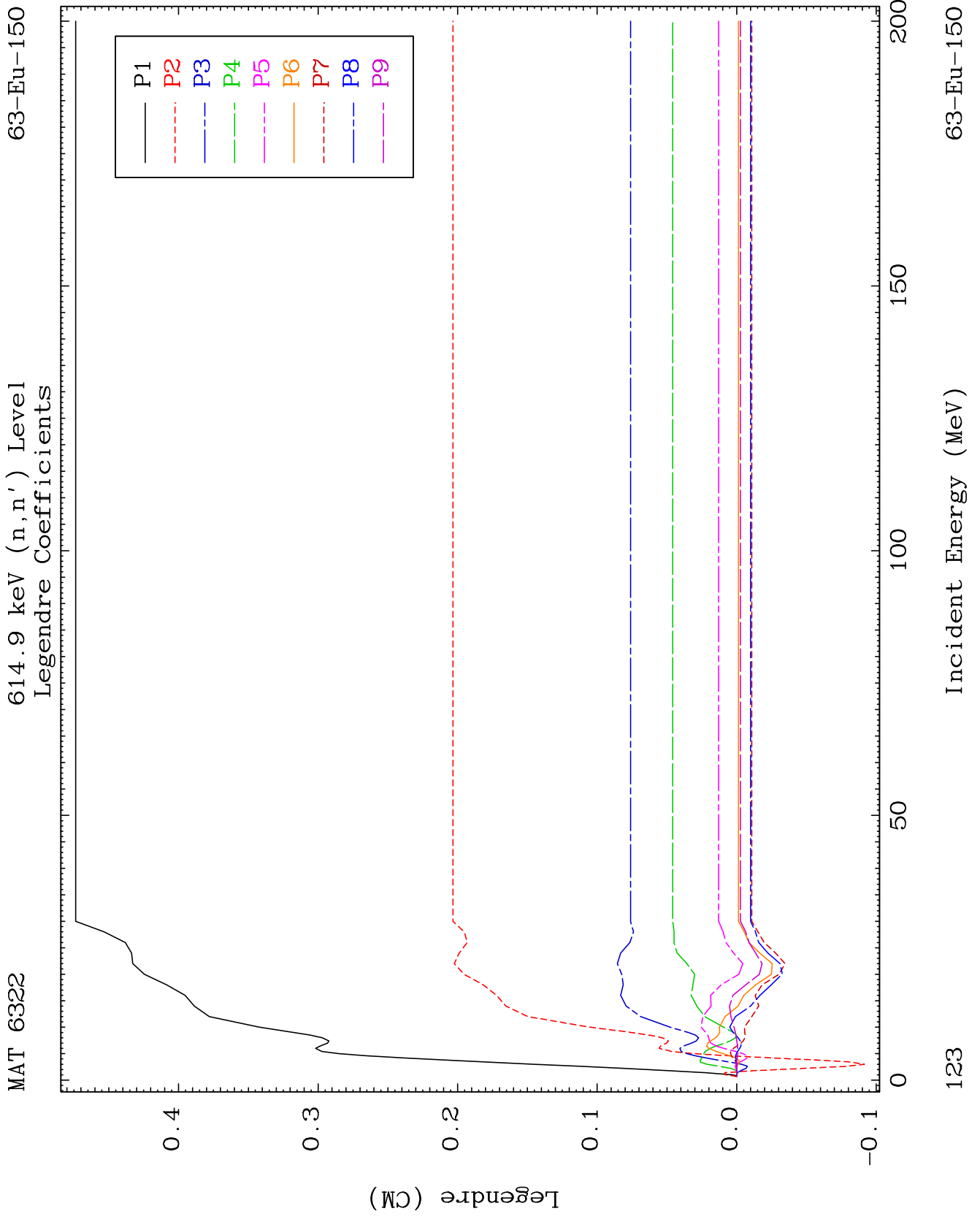








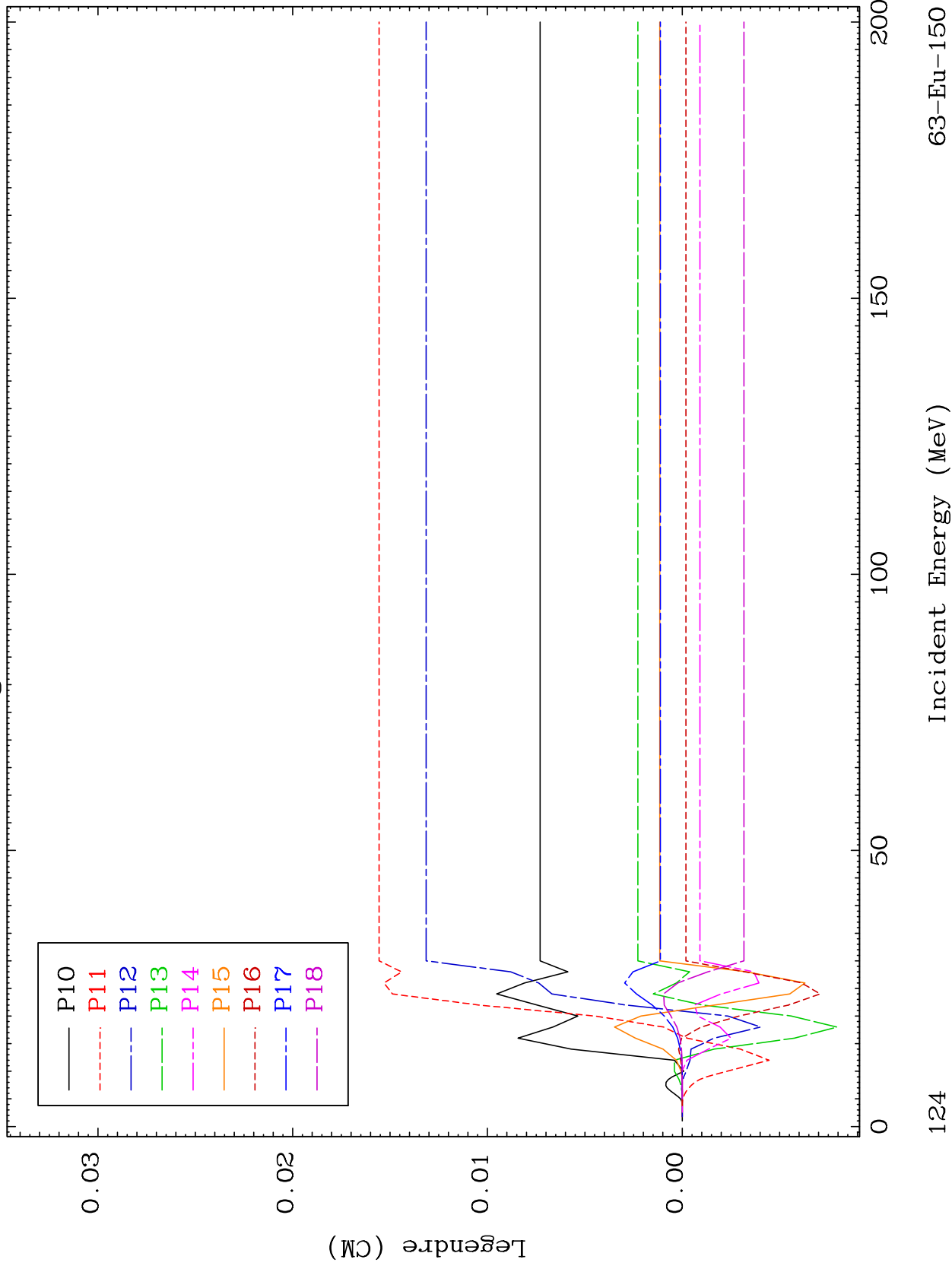




MAT 6322

614.9 keV (n,n') Level
Legendre Coefficients

63-Eu-150



124

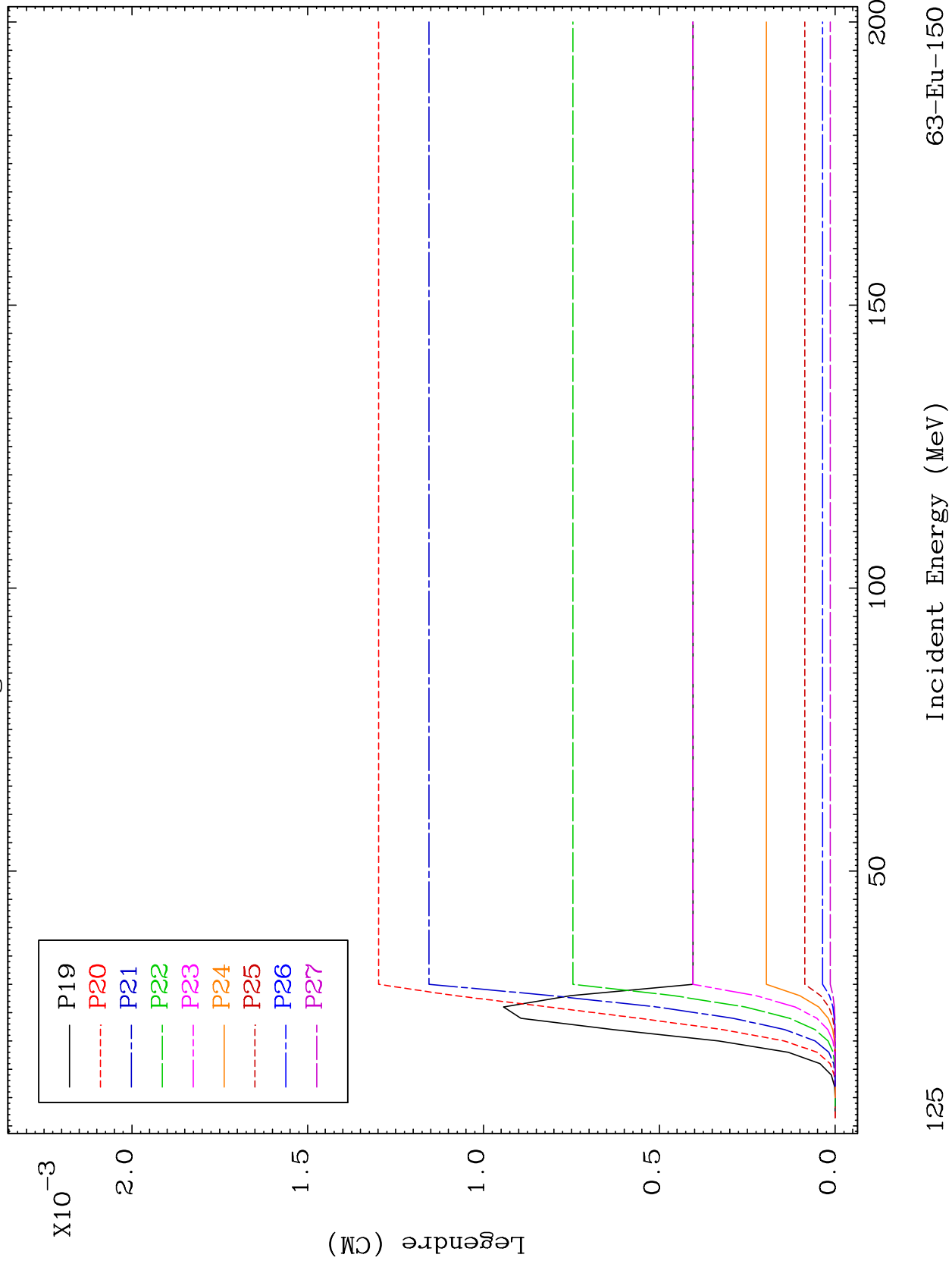
Incident Energy (MeV)

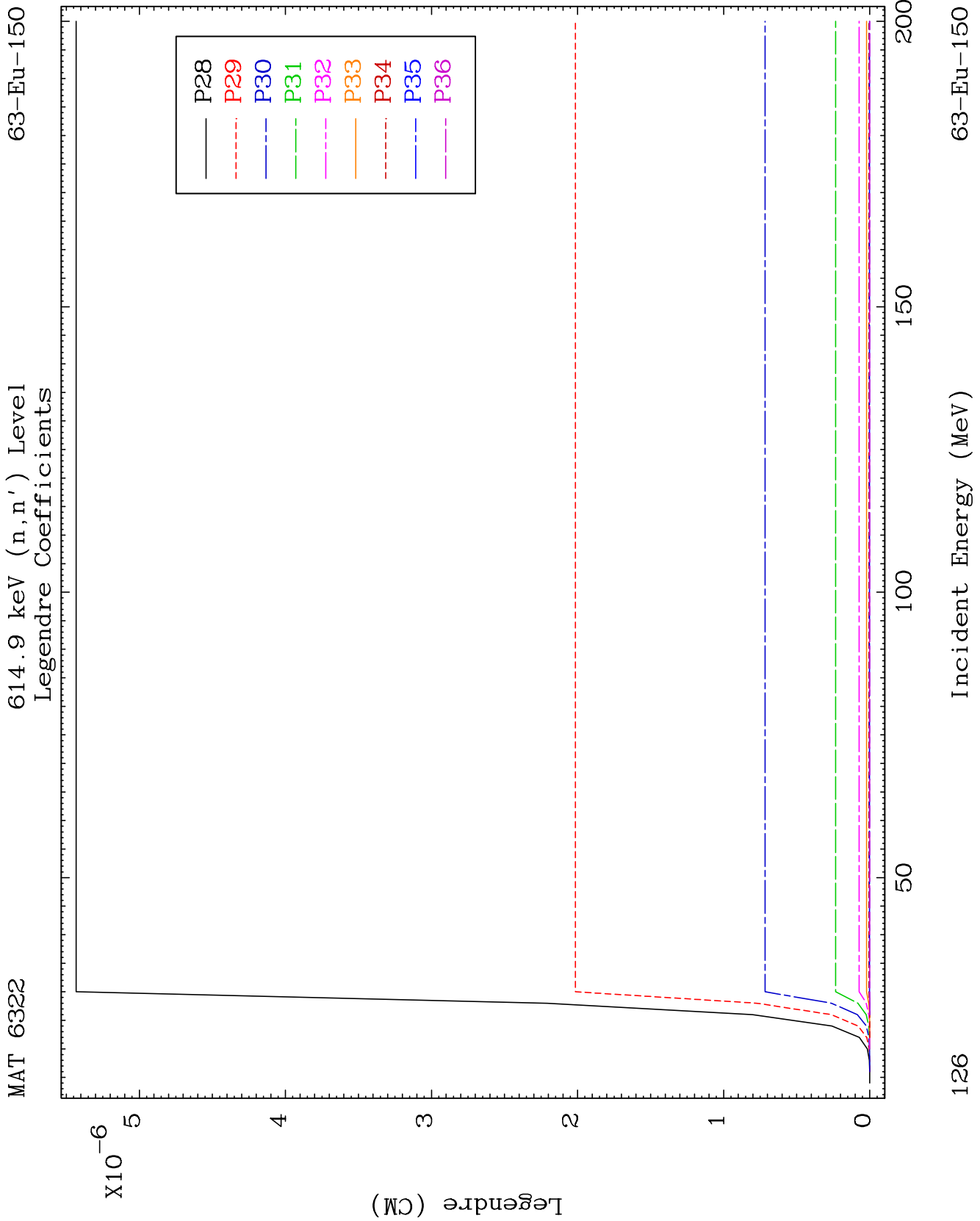
63-Eu-150

MAT 6322

614.9 keV (n,n') Level
Legendre Coefficients

63-Eu-150

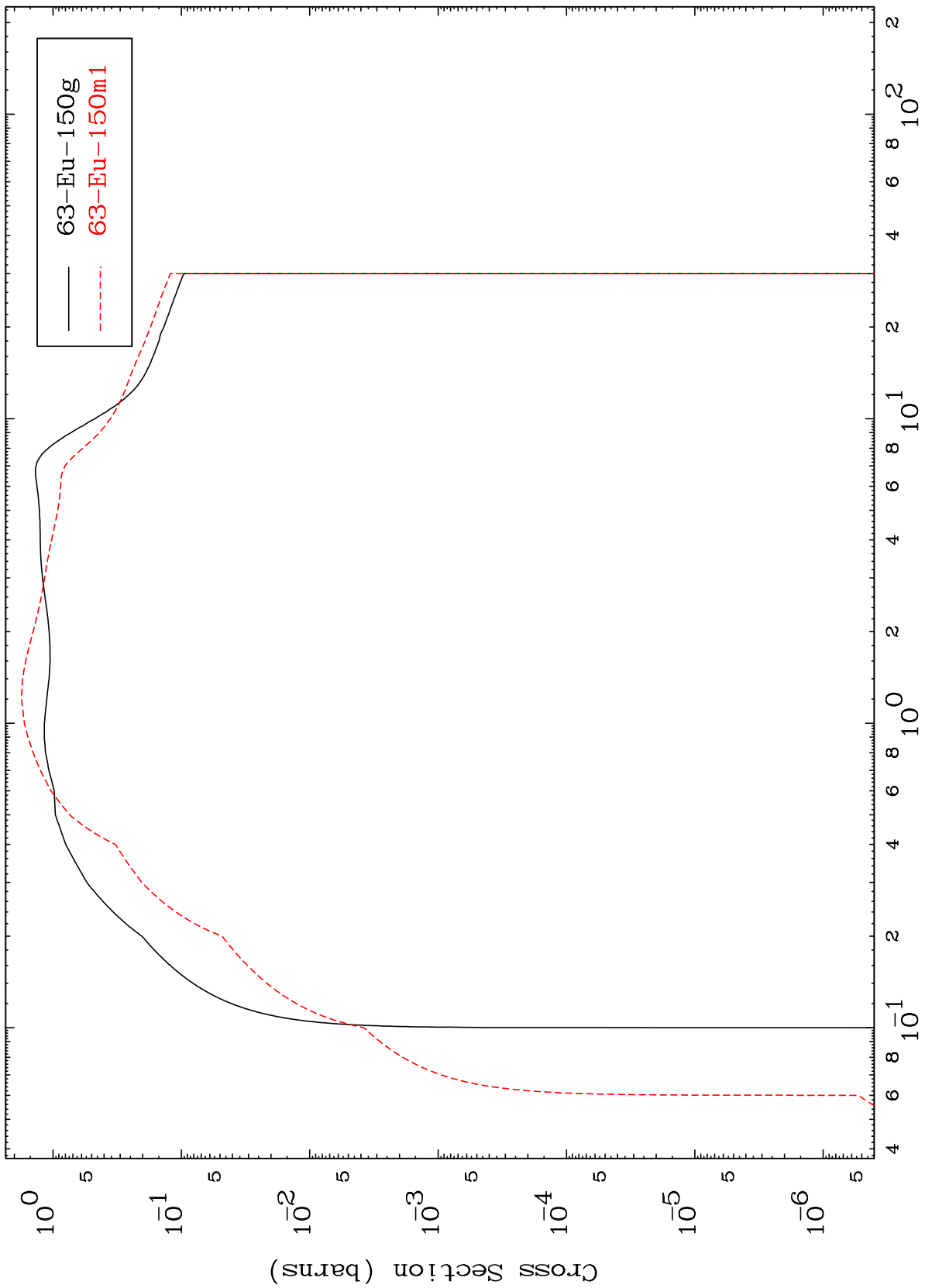




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63-Eu-150

Inelastic Radionuclide Production Cross Section



127

Incident Energy (MeV)

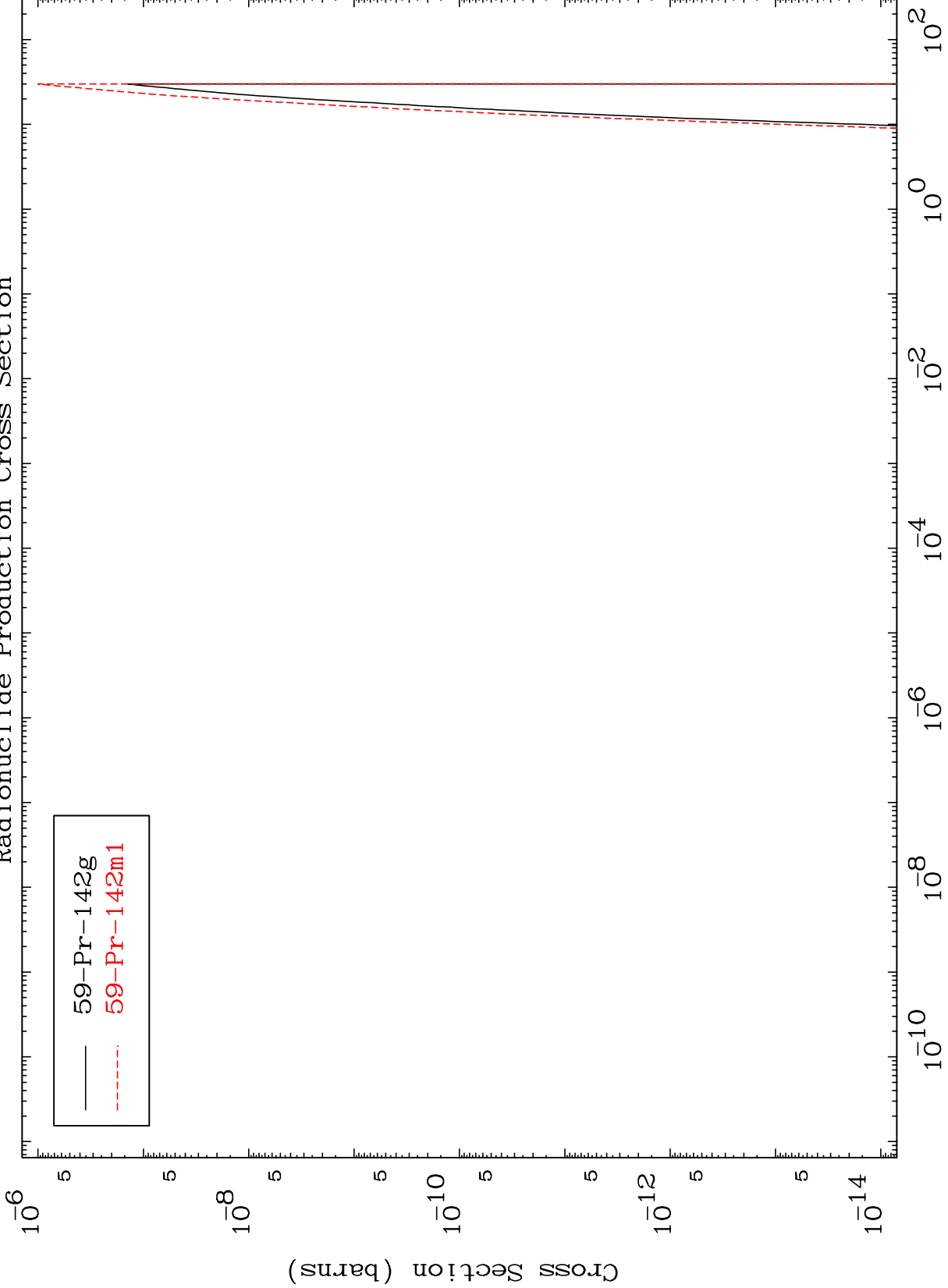
63-Eu-150

MAT 6322

(n,n') 2α

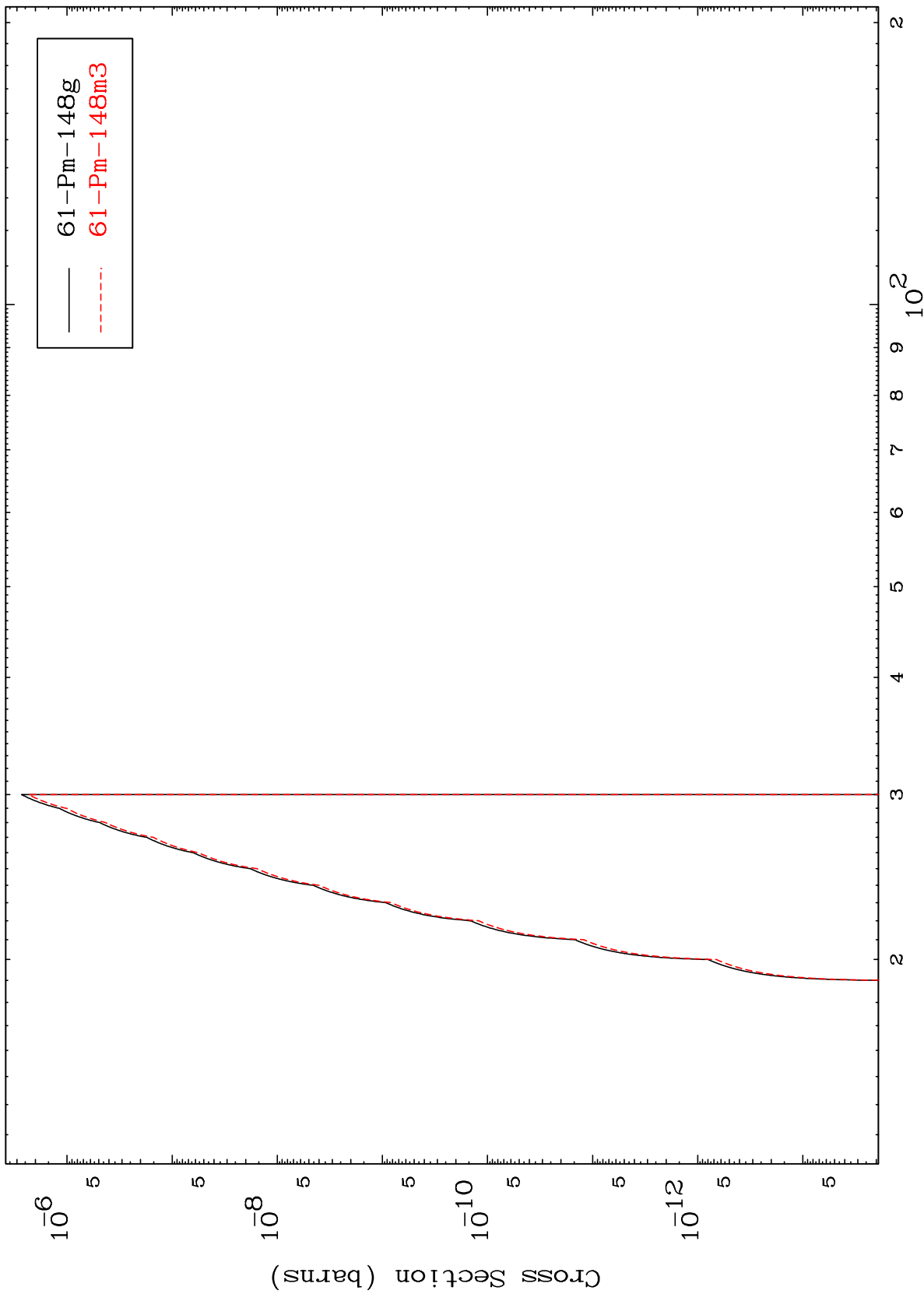
63-Eu-150

Radionuclide Production Cross Section



59-Pr-142g
59-Pr-142m1

(n,2n) p
Radionuclide Production Cross Section

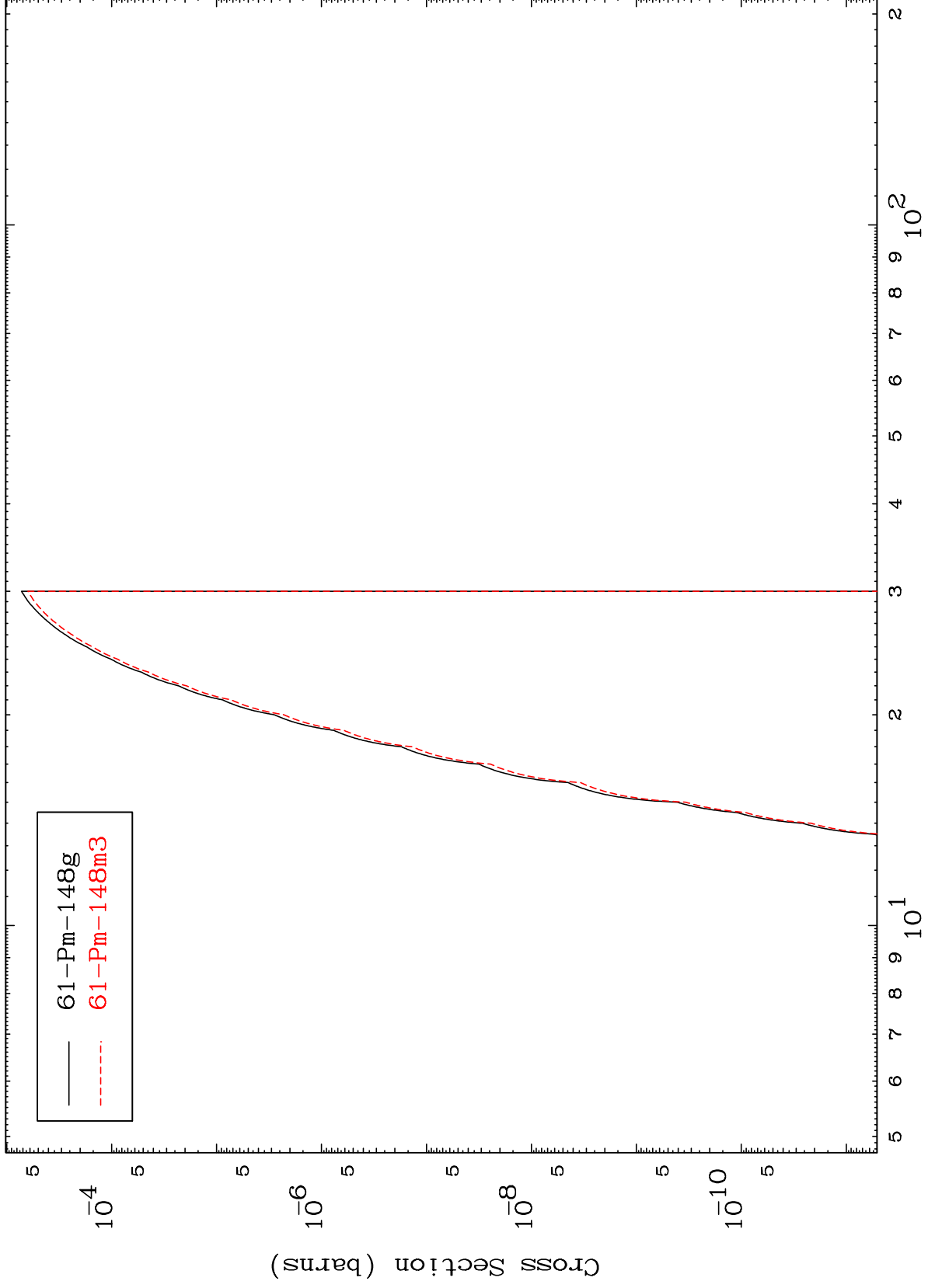


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(n,He-3)

63-Eu-150

Radionuclide Production Cross Section



61-Pm-148g
61-Pm-148m3

130

Incident Energy (MeV)

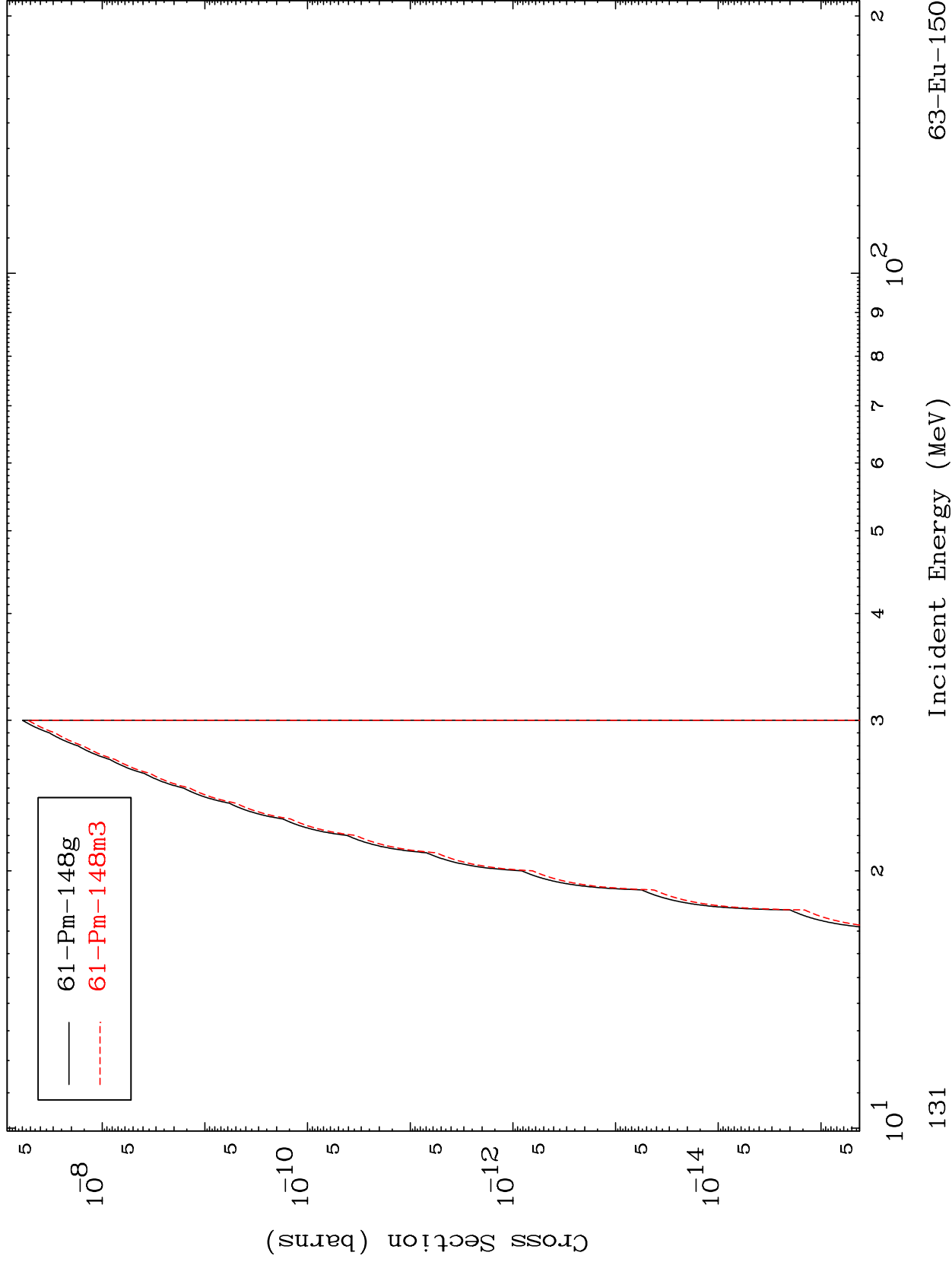
63-Eu-150

MAT 6322

(n,p) d

63-Eu-150

Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-150

131