

Program EVALPLOT
(Version 2015-2)

by

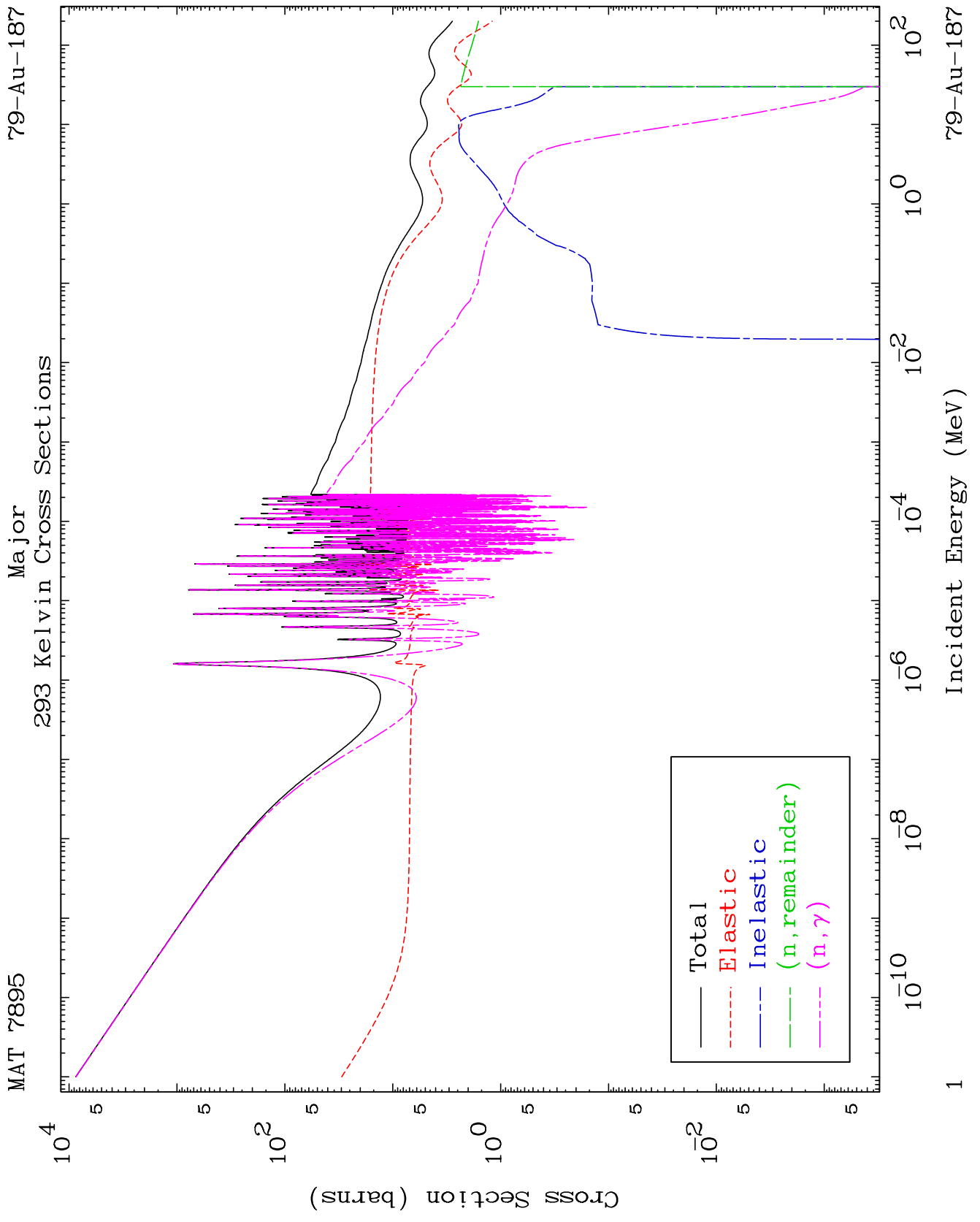
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

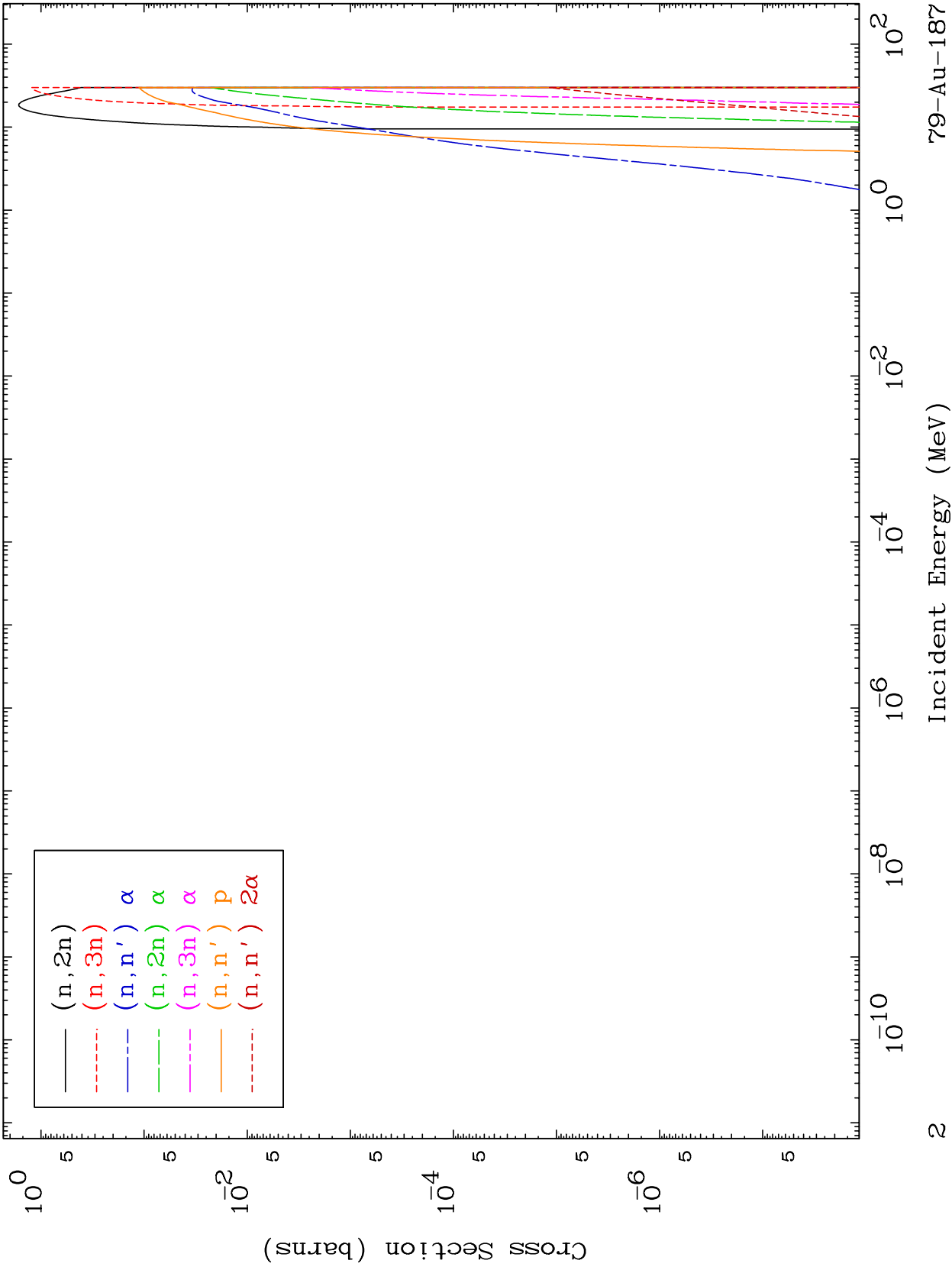
Press Mouse Button to Start



MAT 7895

Neutron Production
293 Kelvin Cross Sections

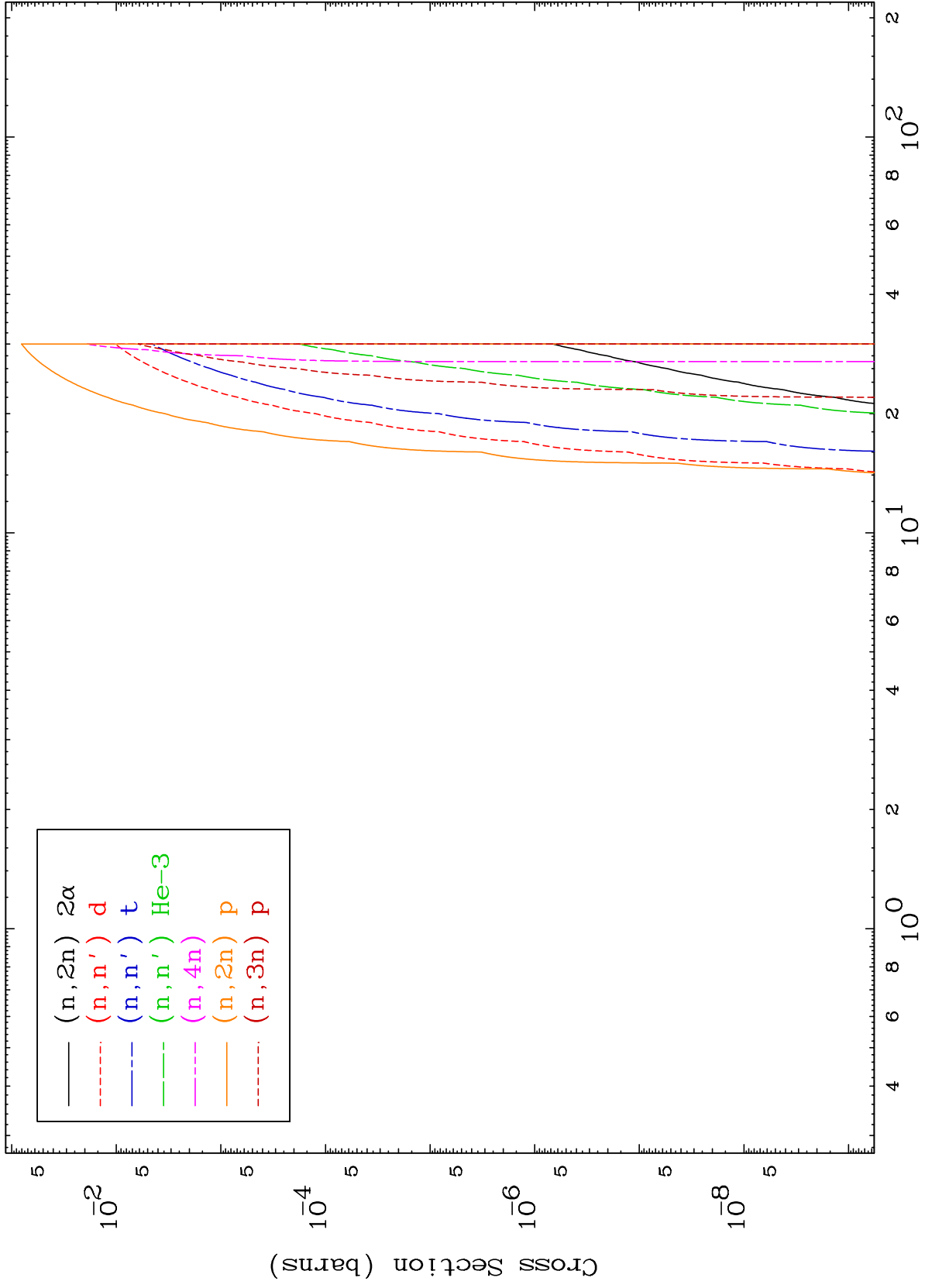
79-Au-187



MAT 7895

Neutron Production
293 Kelvin Cross Sections

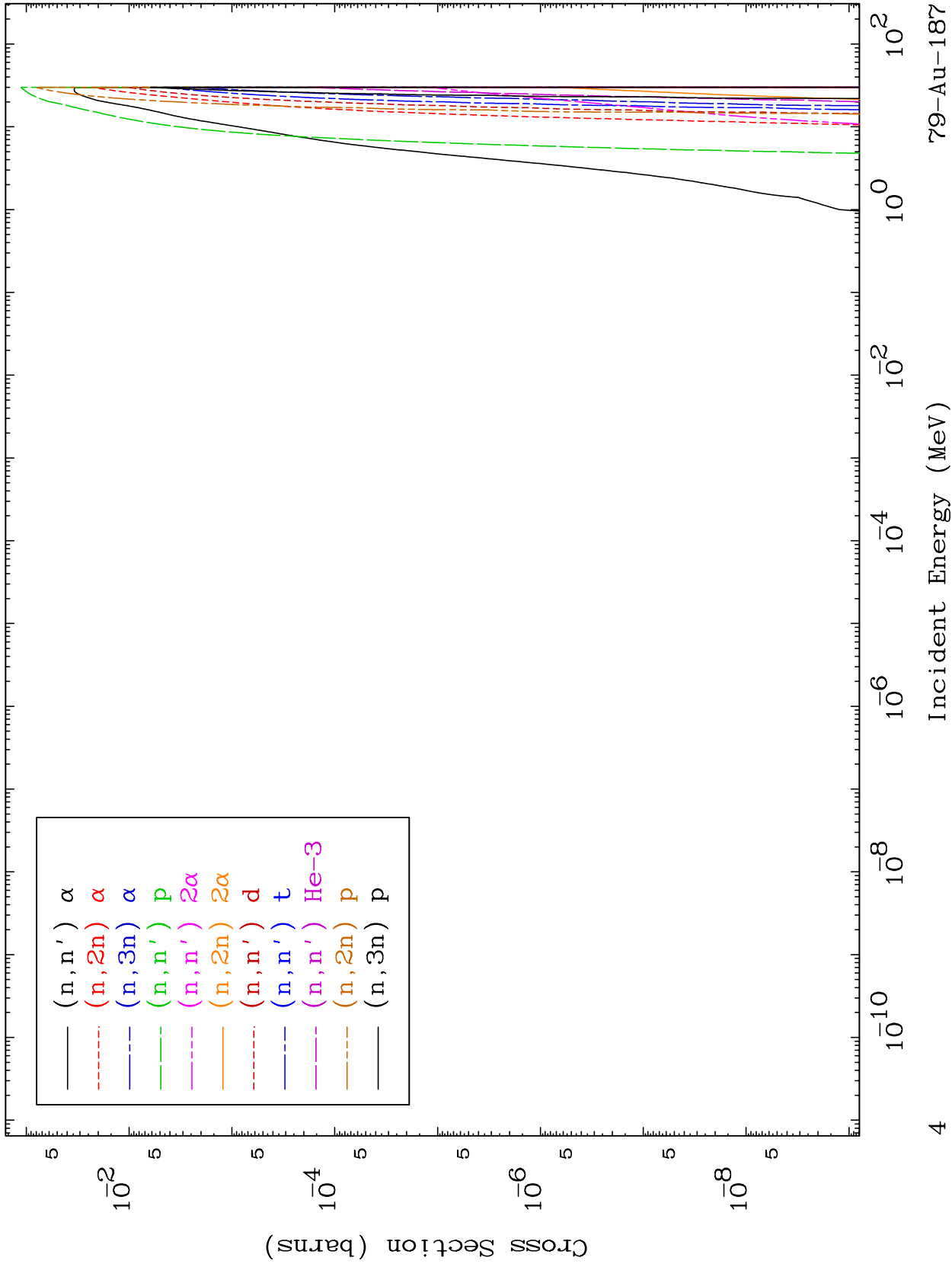
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

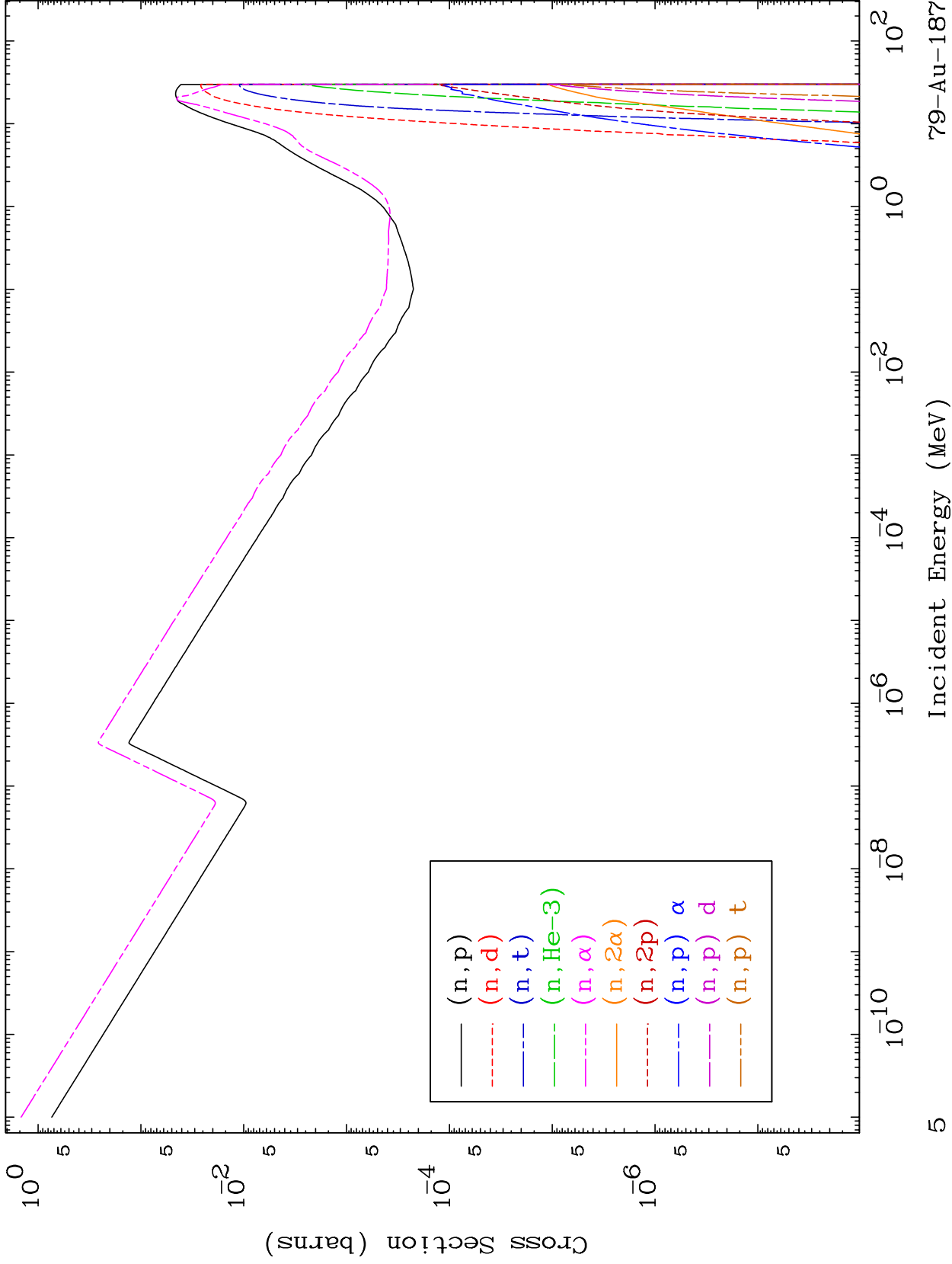
79-Au-187



MAT 7895

Charged Particle
293 Kelvin Cross Sections

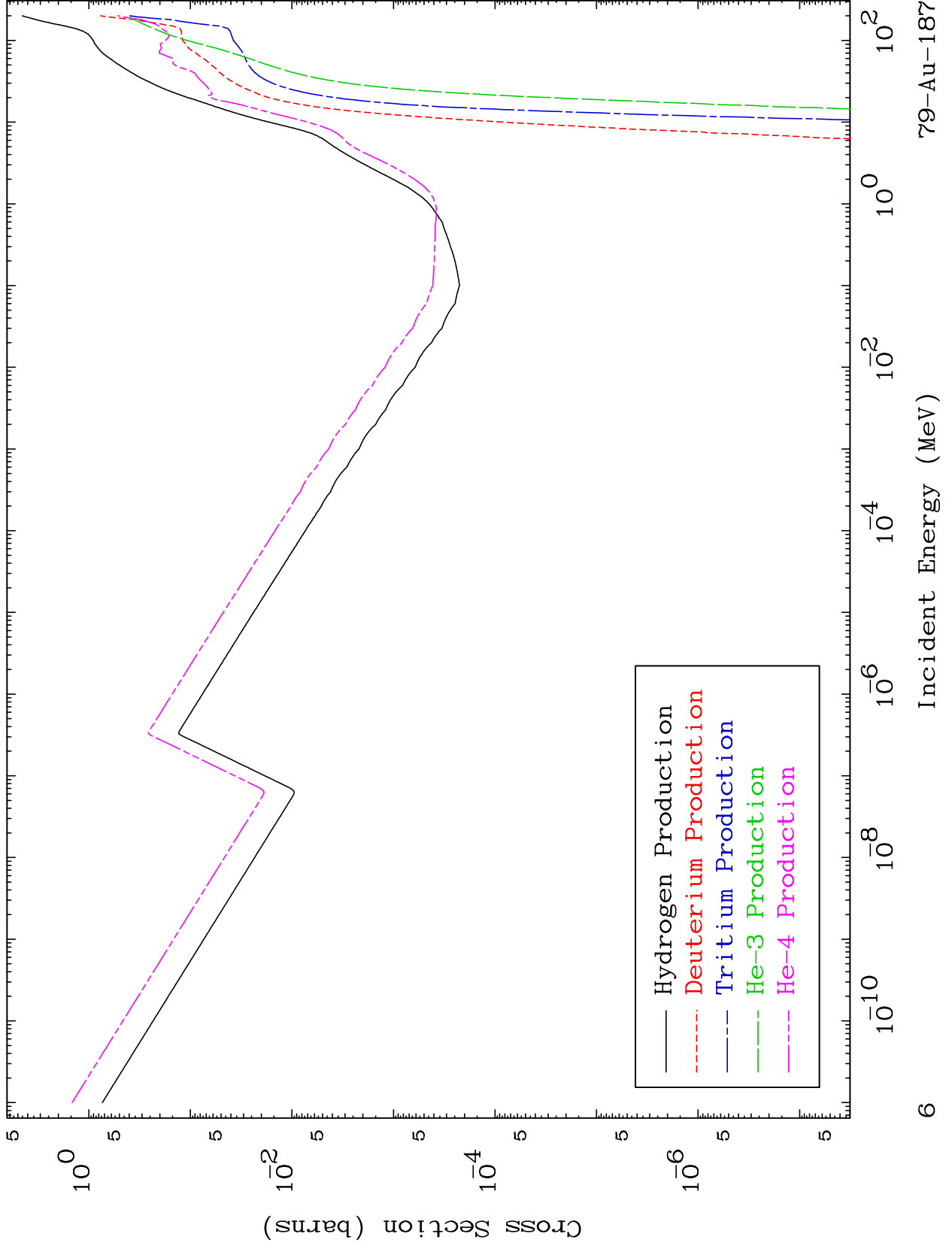
79-Au-187



MAT 7895

Particle Production
293 Kelvin Cross Sections

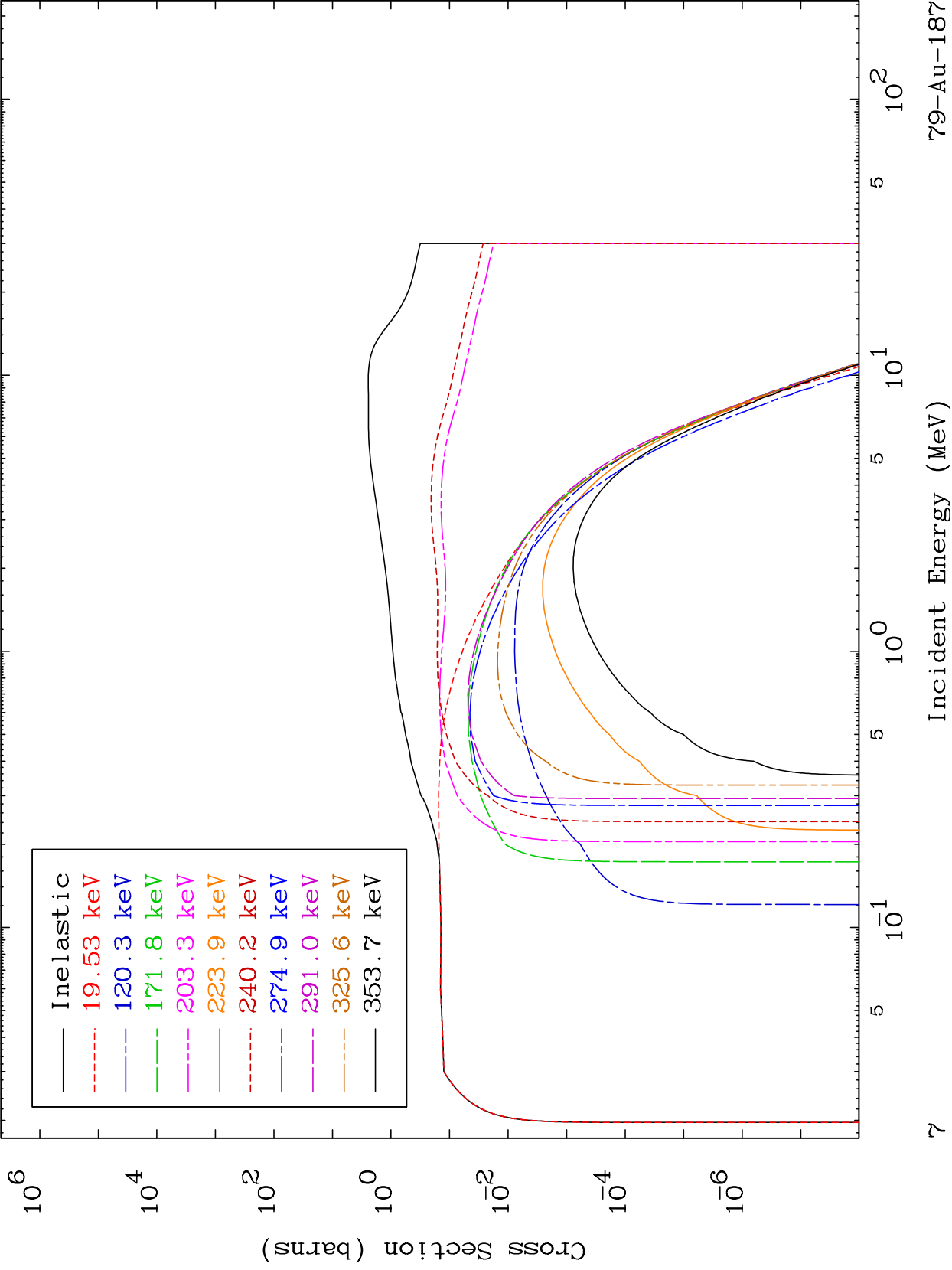
79-Au-187



MAT 7895

(n,n') Level
293 Kelvin Cross Sections

79-Au-187

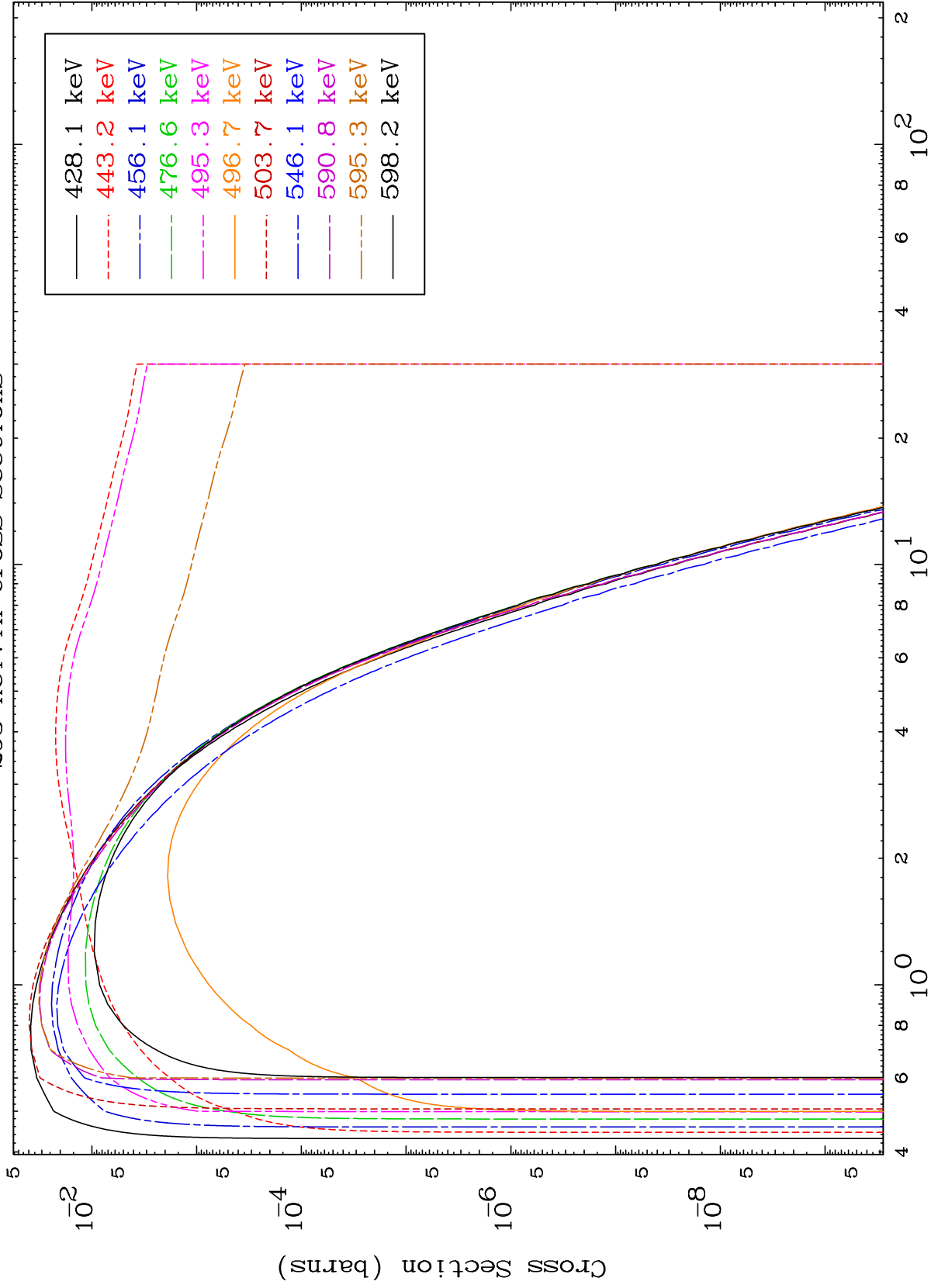


MAT 7895

(n,n') Level

79-Au-187

293 Kelvin Cross Sections



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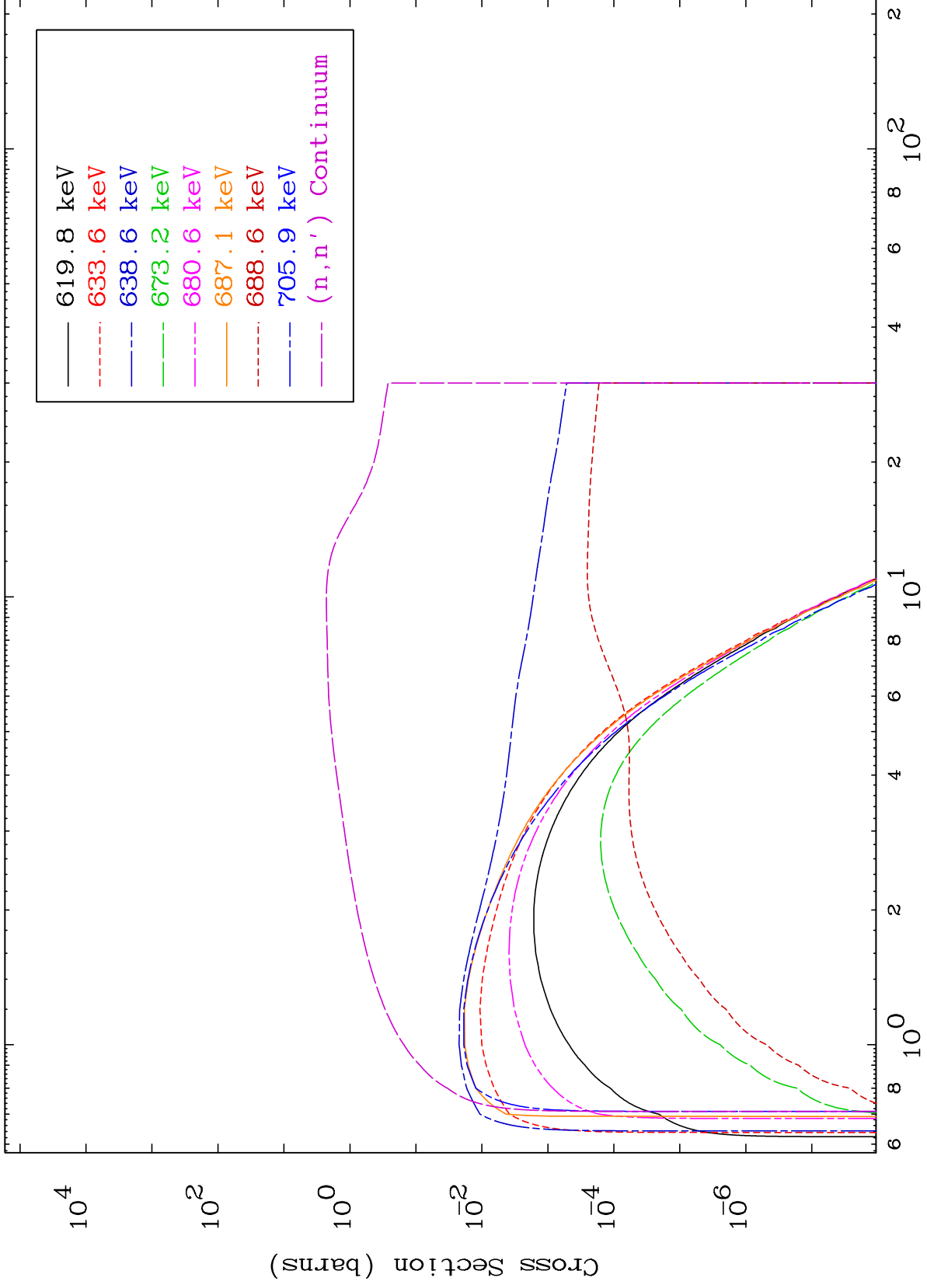
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,n') Level
293 Kelvin Cross Sections

79-Au-187



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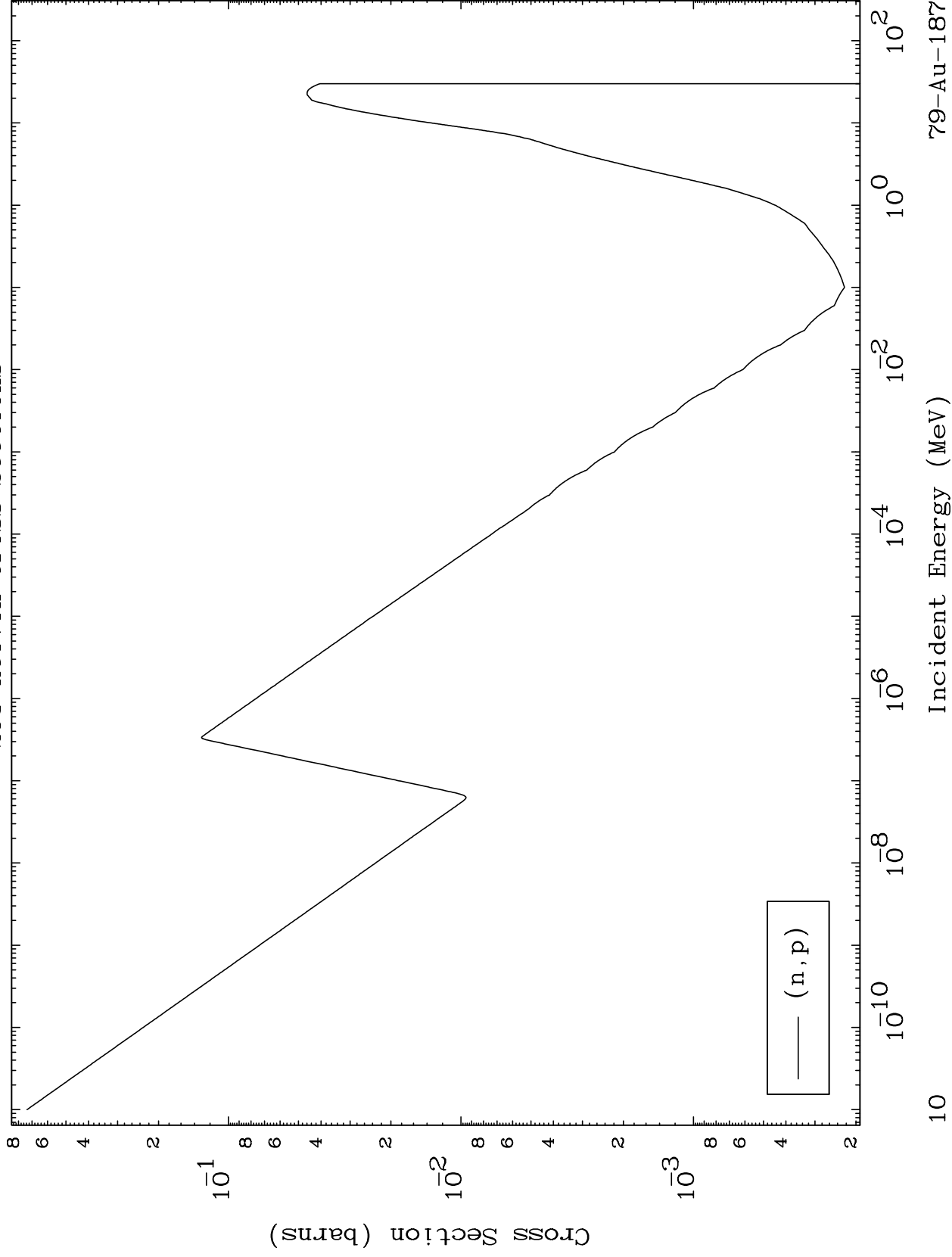
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,p) Levels
293 Kelvin Cross Sections

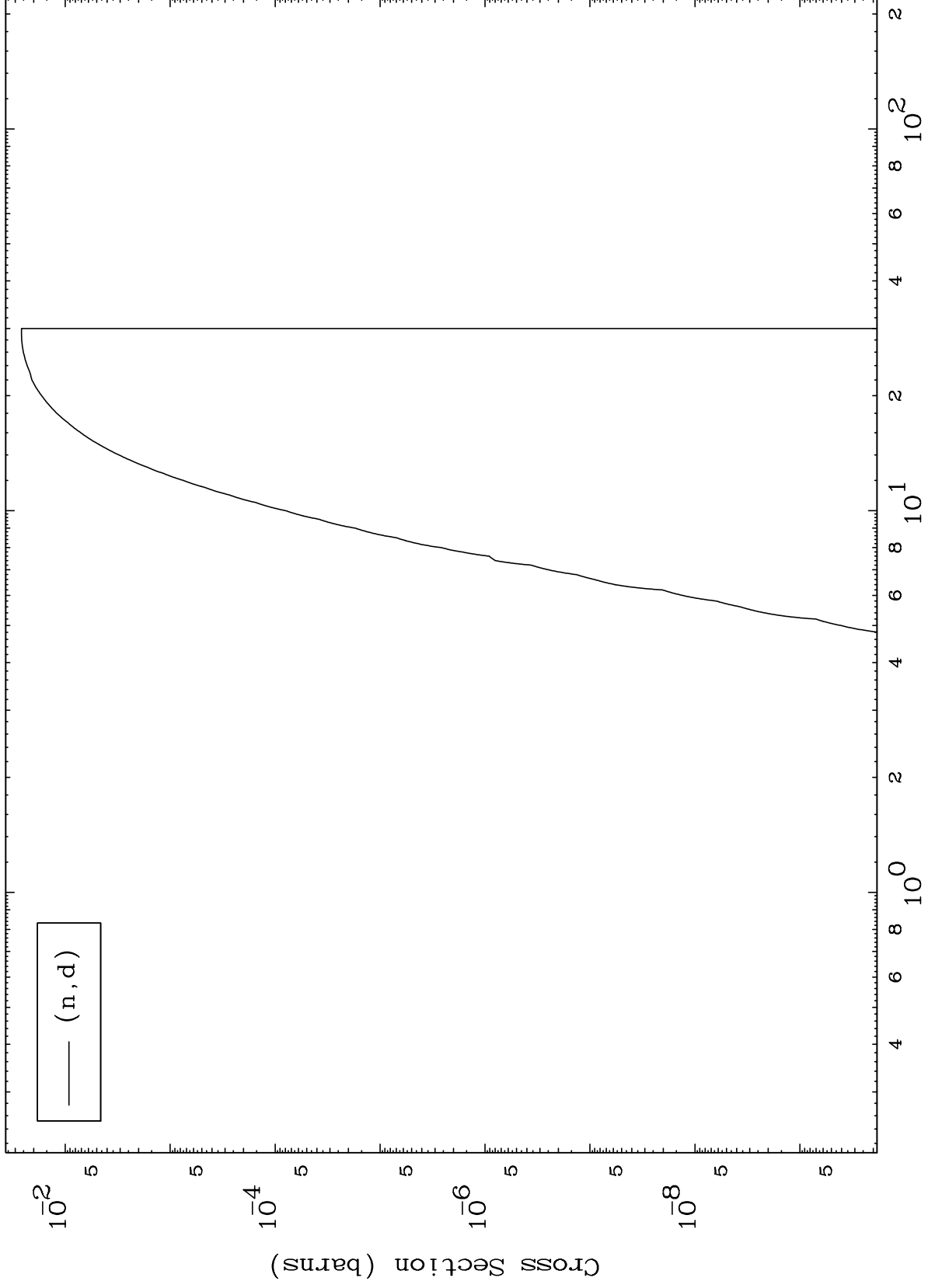
79-Au-187



MAT 7895

(n,d) Levels
293 Kelvin Cross Sections

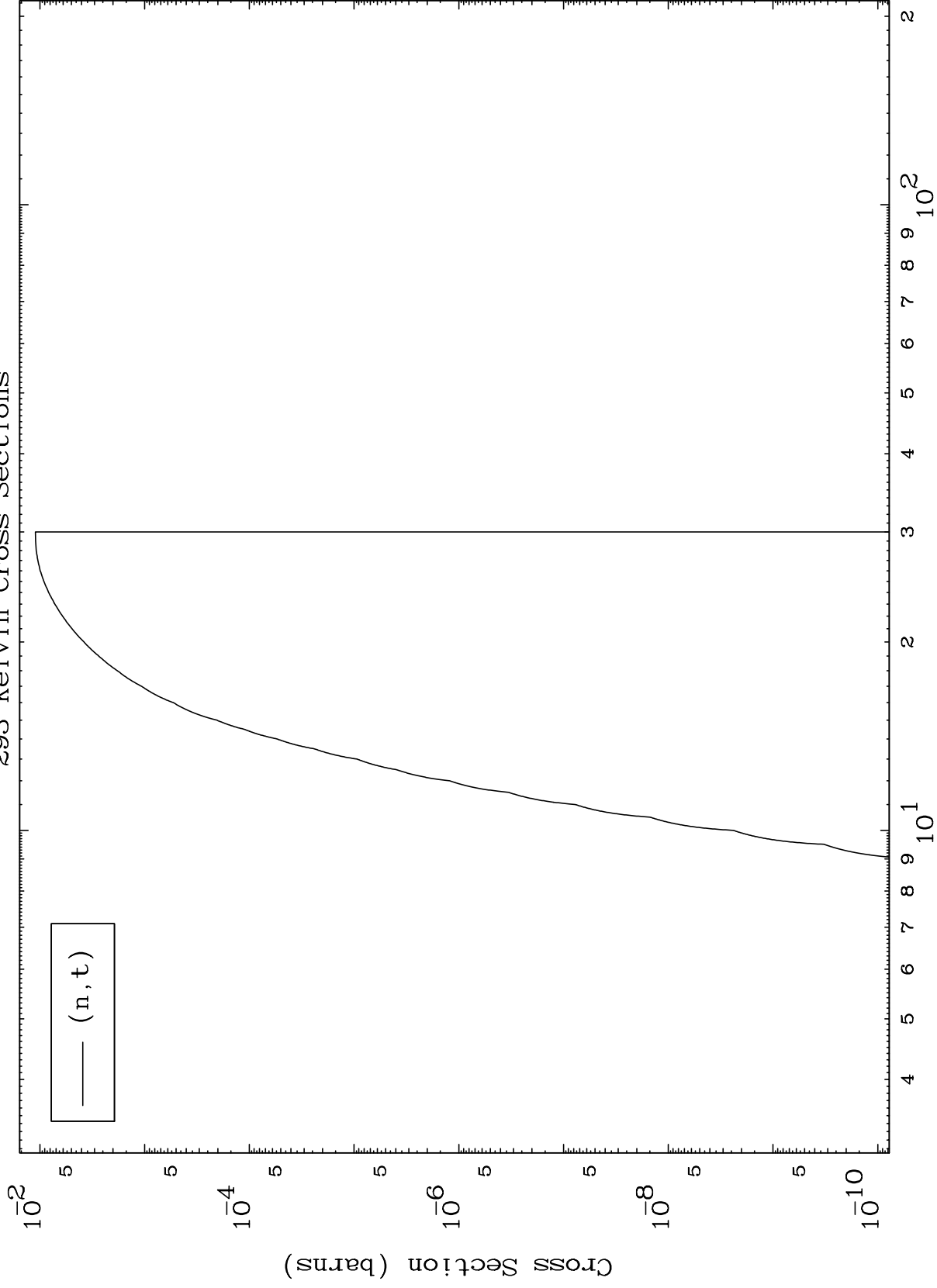
79-Au-187



MAT 7895

(n,t) Levels
293 Kelvin Cross Sections

79-Au-187



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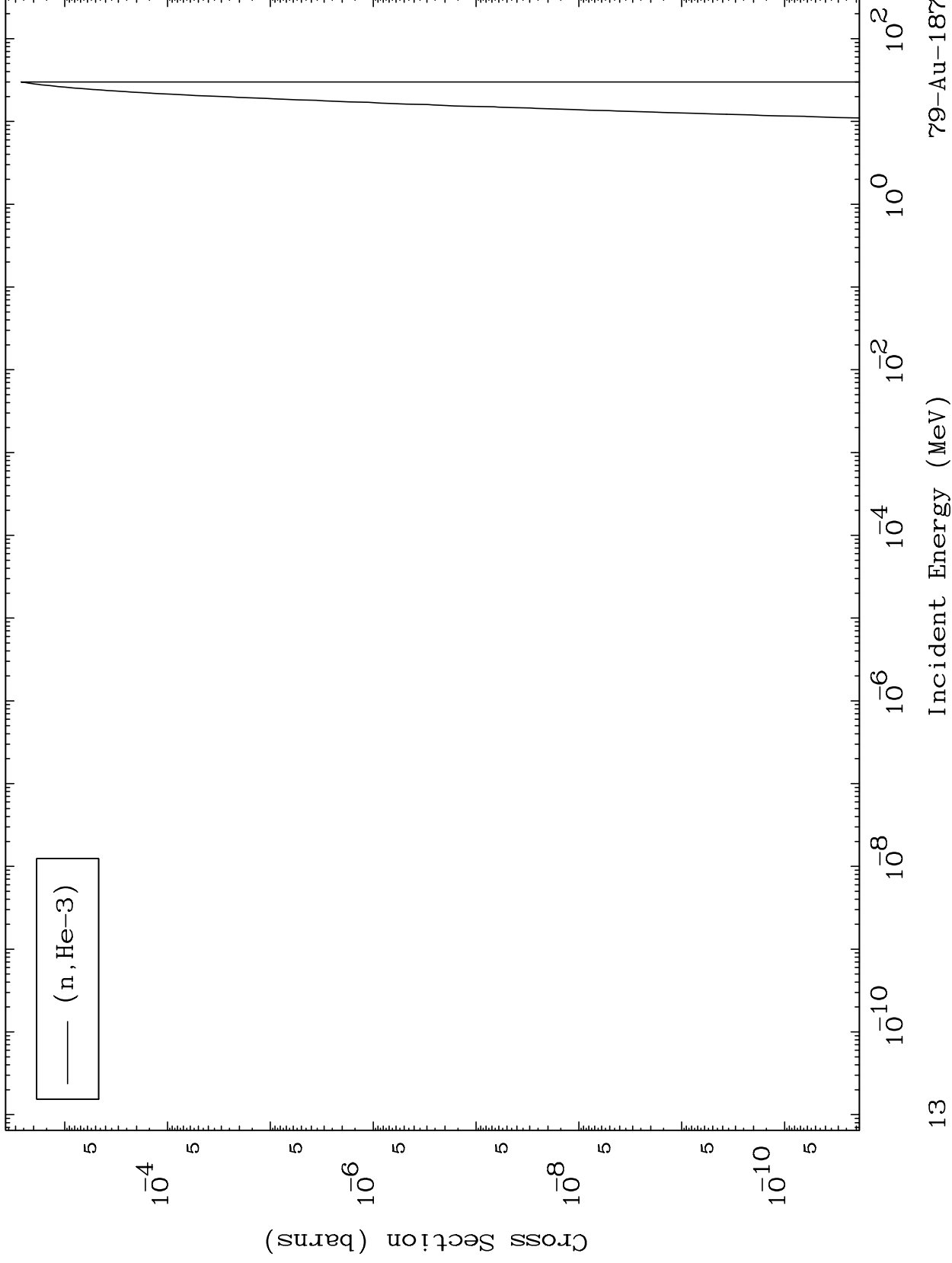
Incident Energy (MeV)

79-Au-187

MAT 7895

(n,He3) Levels
293 Kelvin Cross Sections

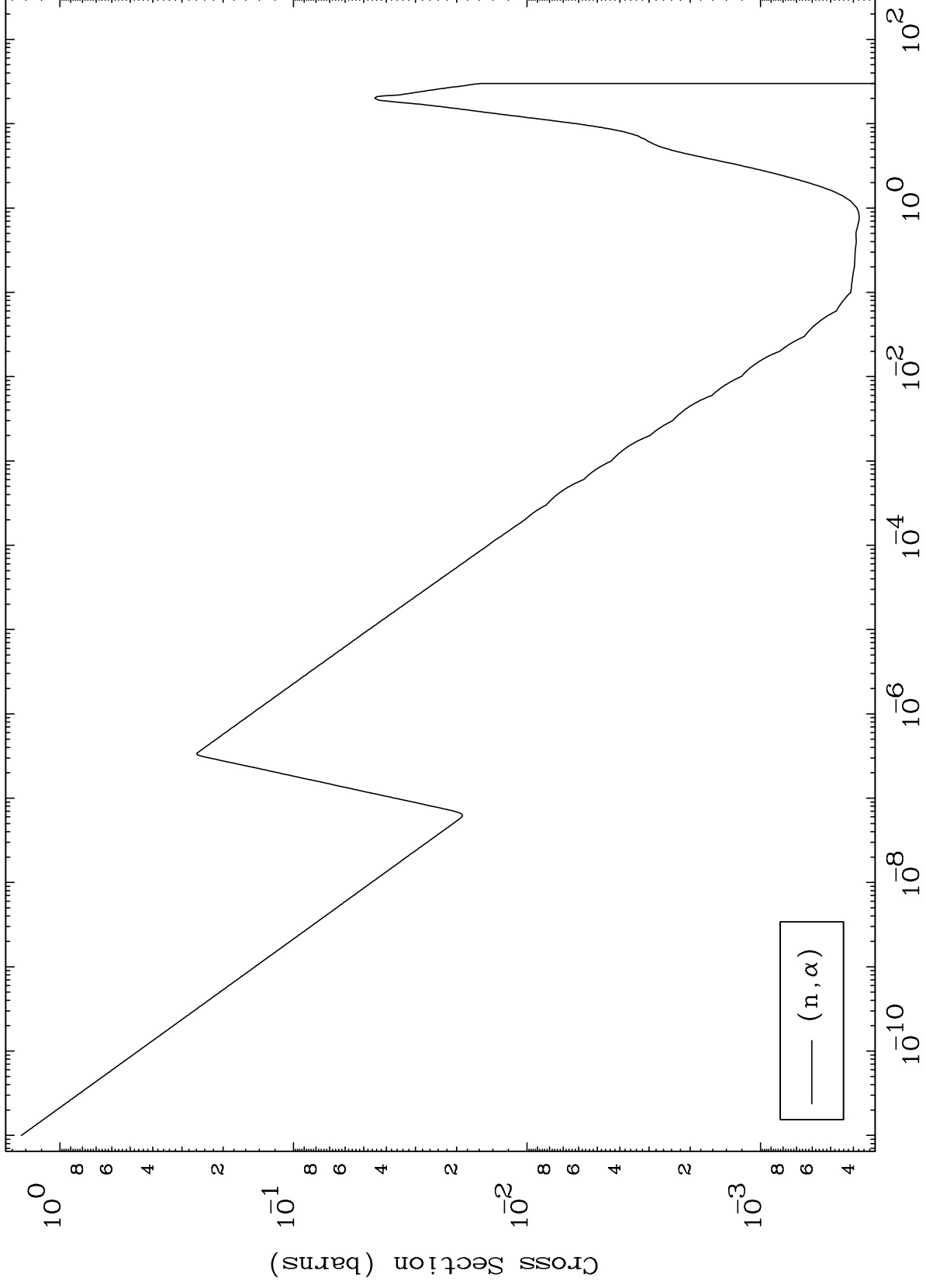
79-Au-187



MAT 7895

(n,α) Levels
293 Kelvin Cross Sections

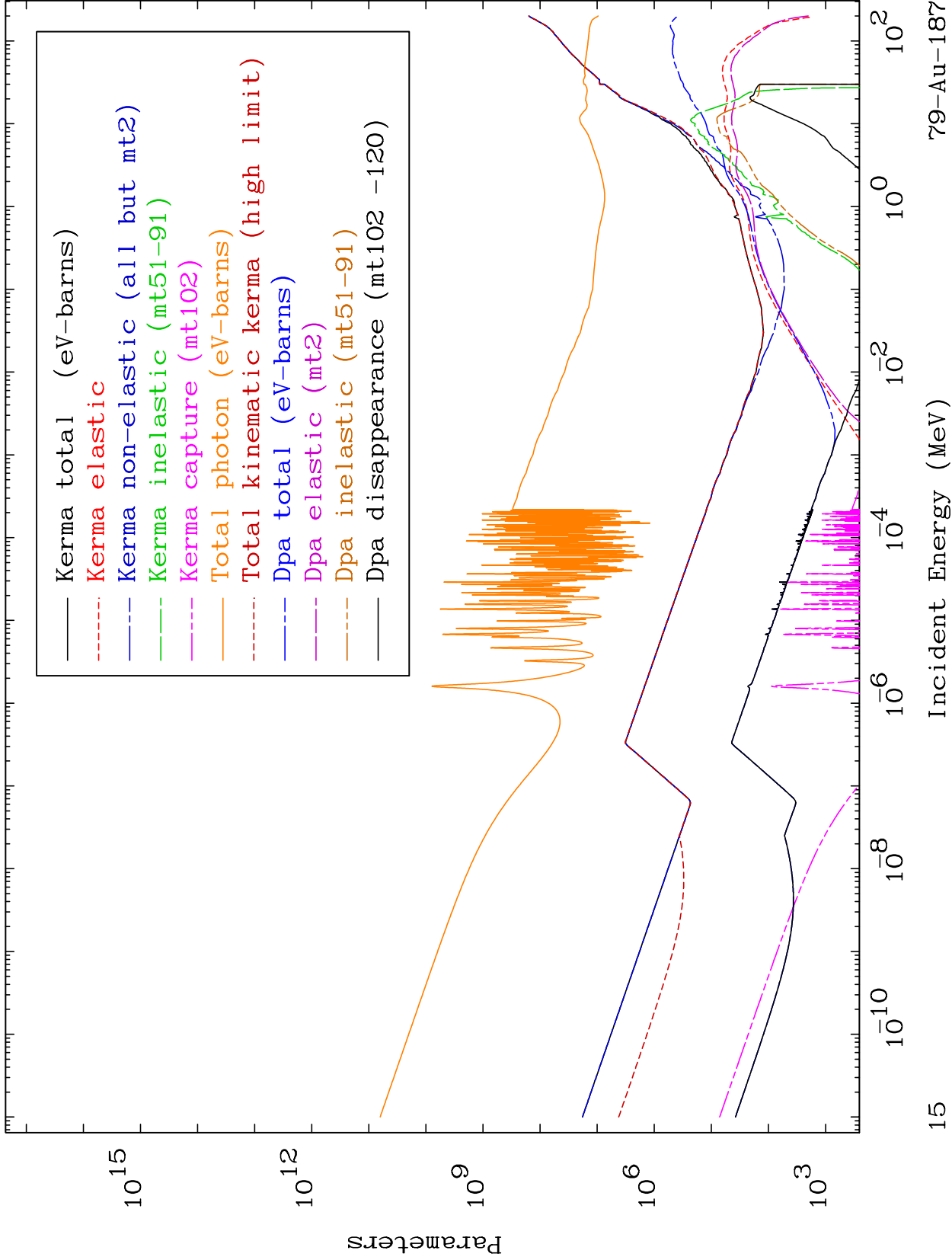
79-Au-187



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Incident Energy (MeV)

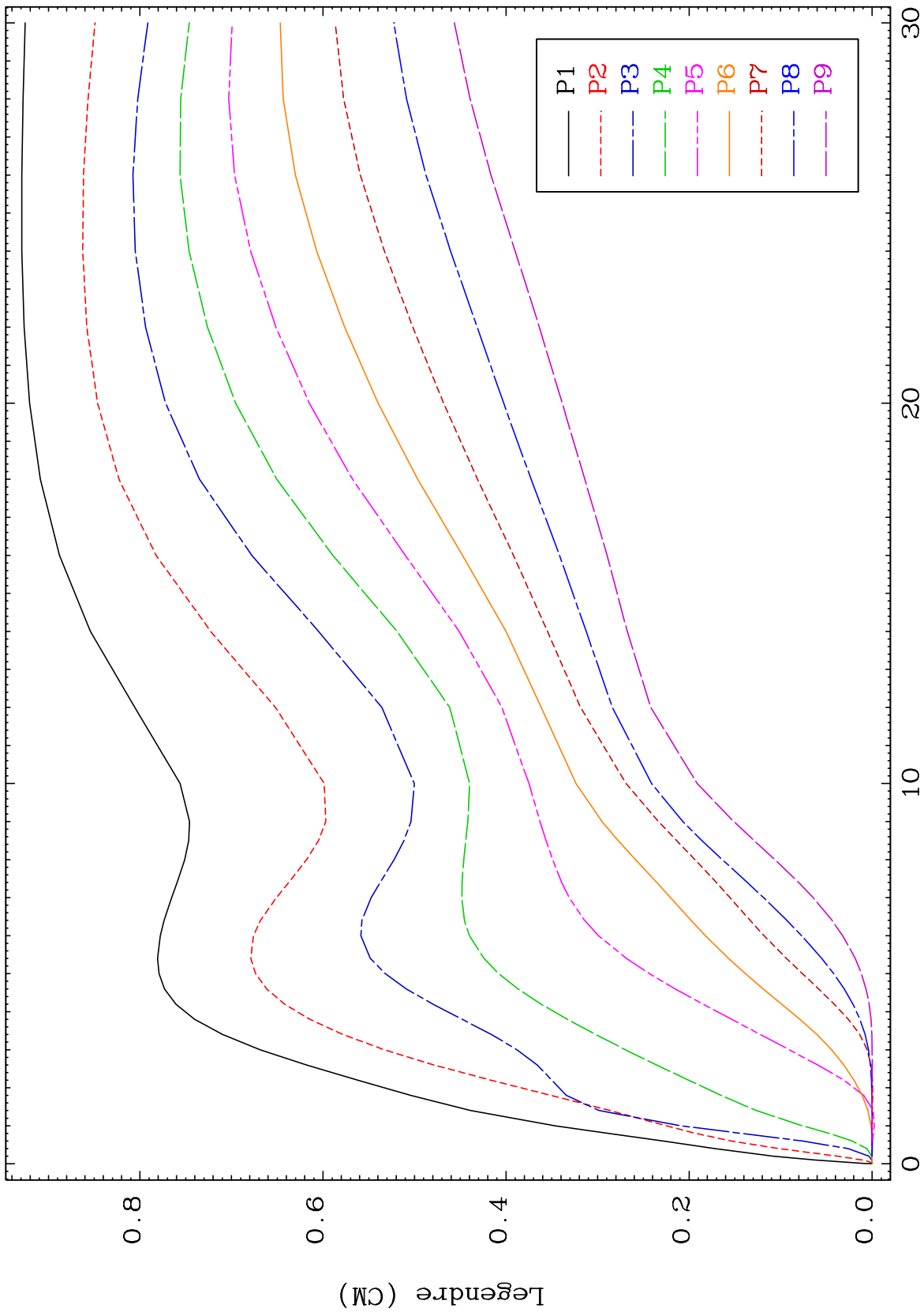
79-Au-187



MAT 7895

79-Au-187

Elastic Legendre Coefficients



79-Au-187

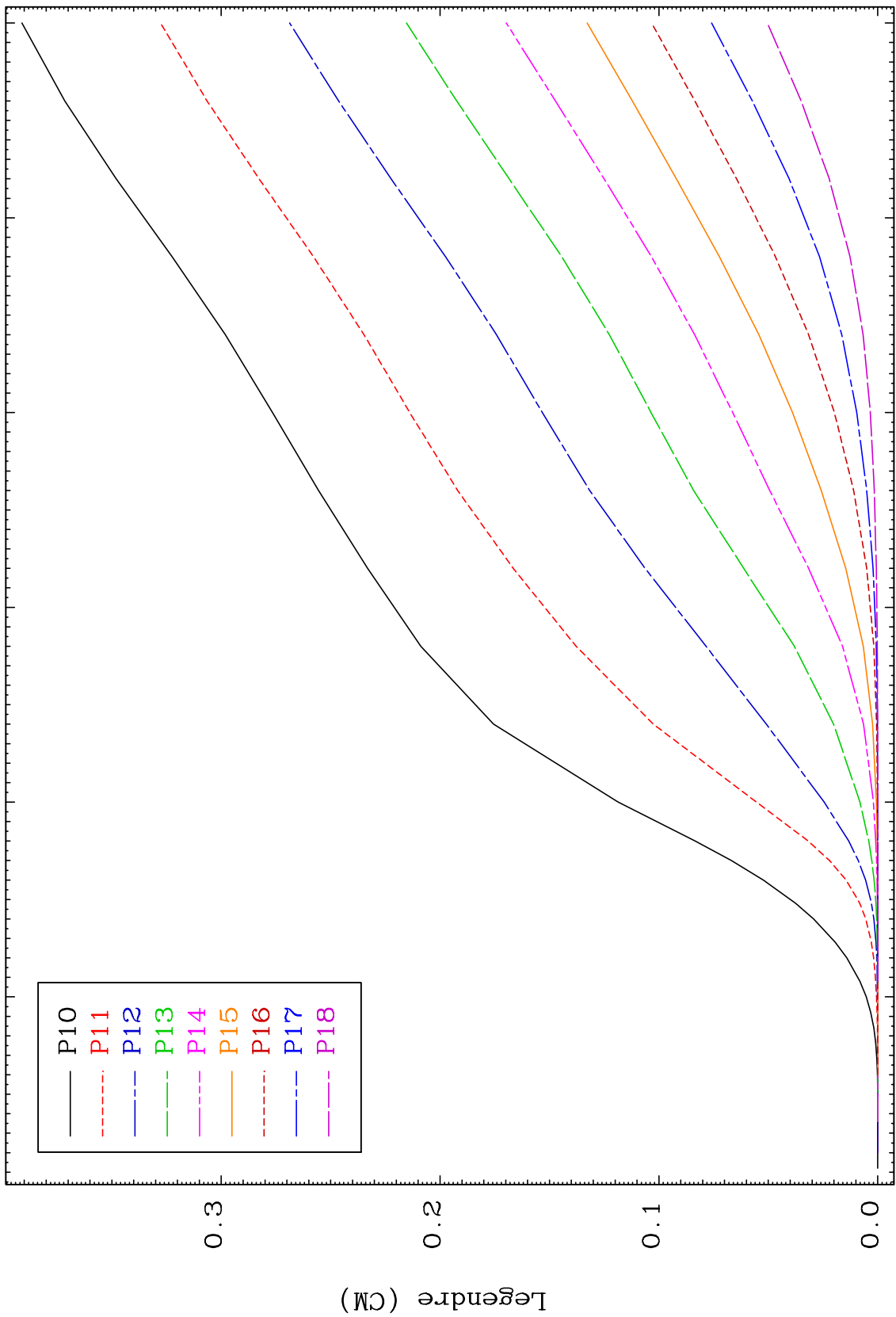
Incident Energy (MeV)

16

MAT 7895

Elastic Legendre Coefficients

⁷⁹Au-¹⁸⁷



17

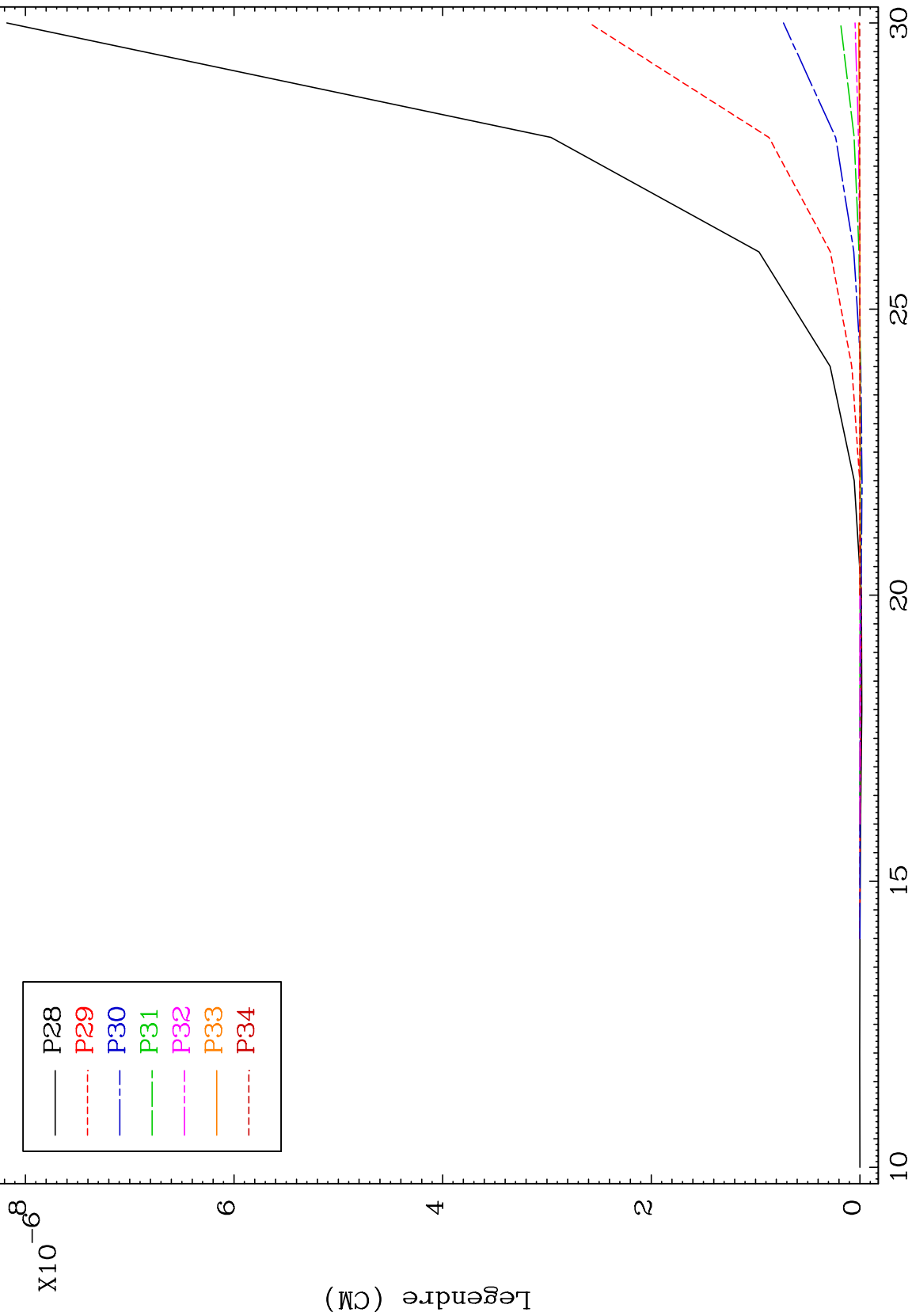
Incident Energy (MeV)

⁷⁹Au-¹⁸⁷

MAT 7895

Elastic Legendre Coefficients

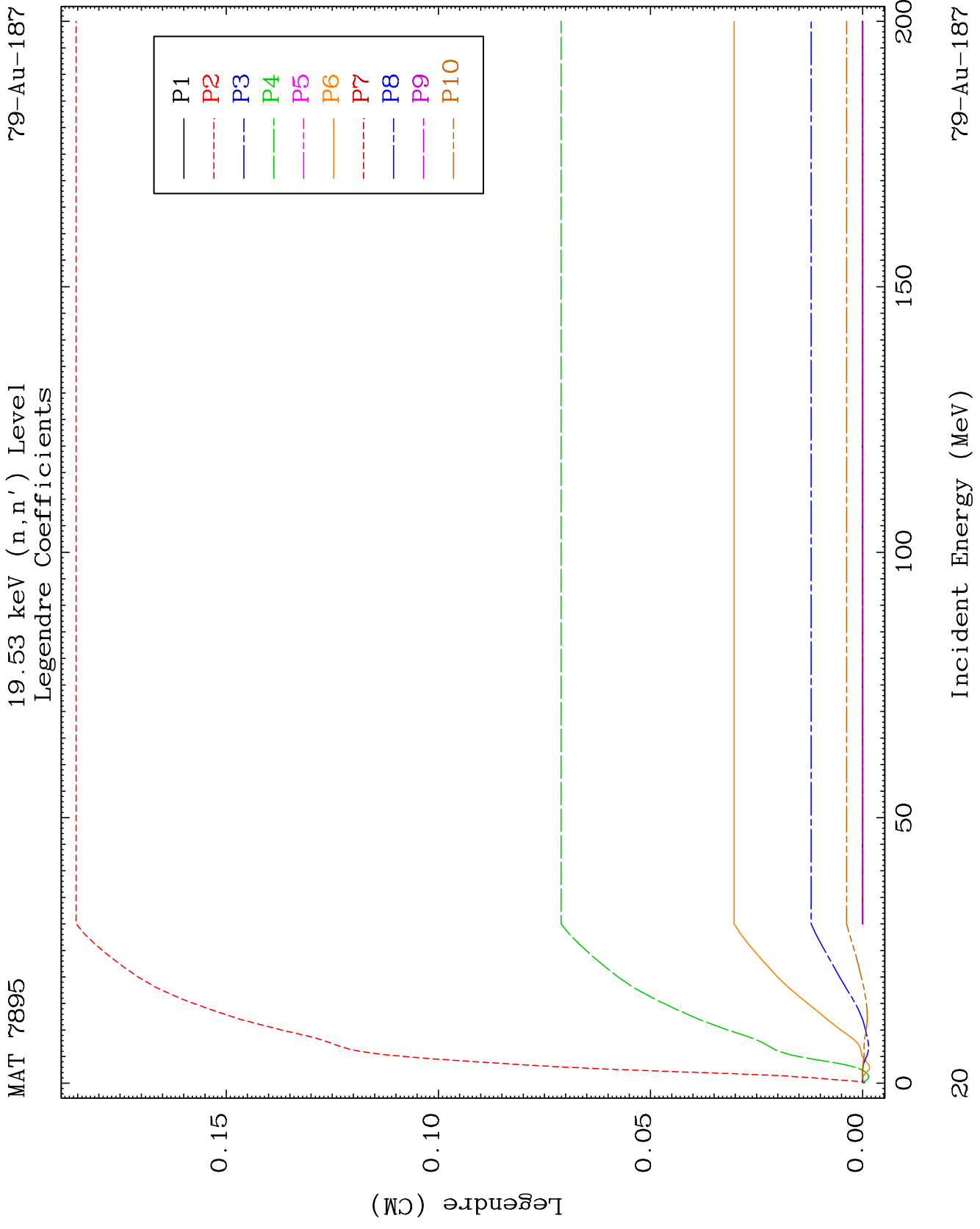
79-Au-187



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Incident Energy (MeV)

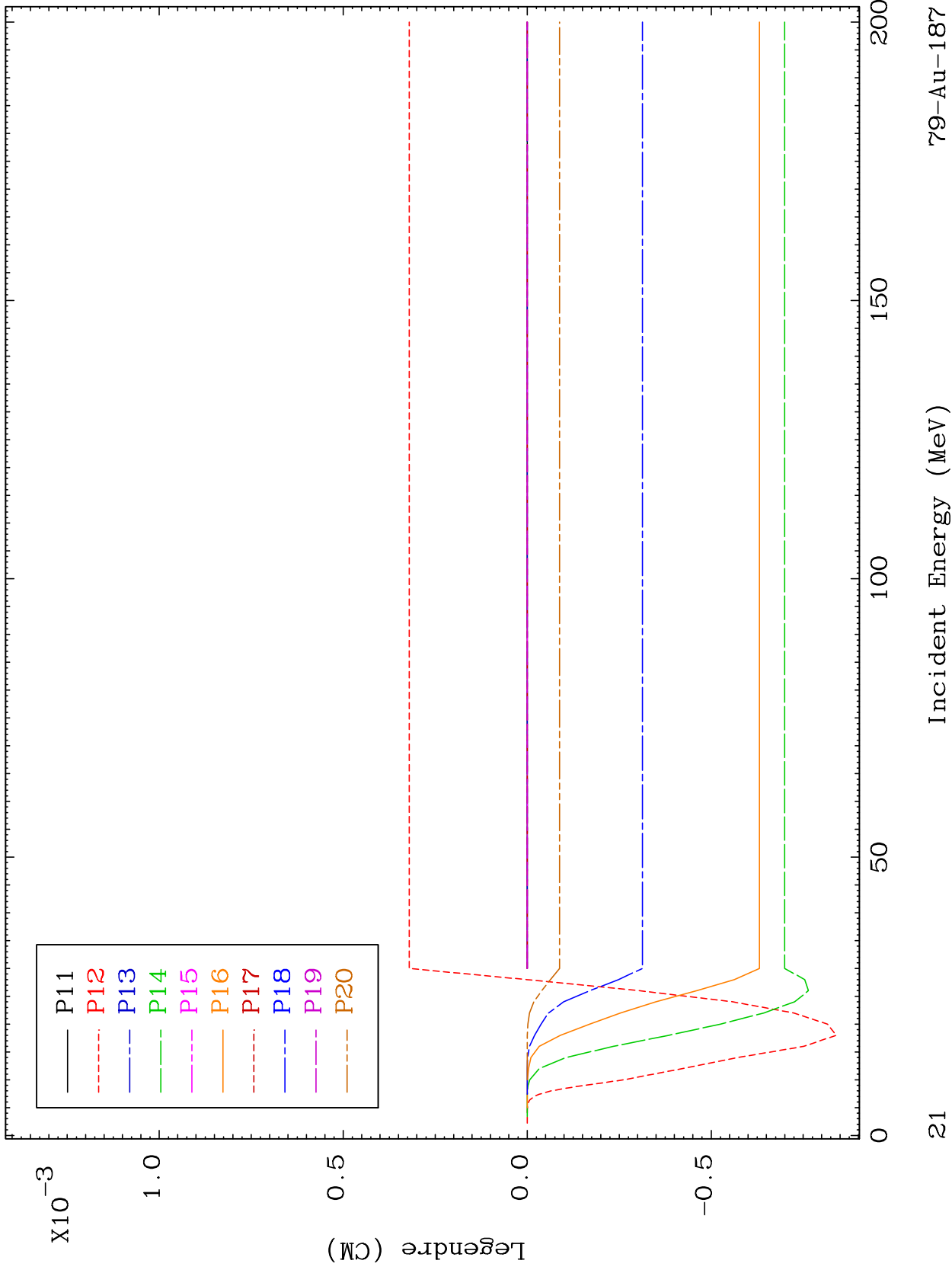
79-Au-187



MAT 7895

19.53 keV (n,n') Level
Legendre Coefficients

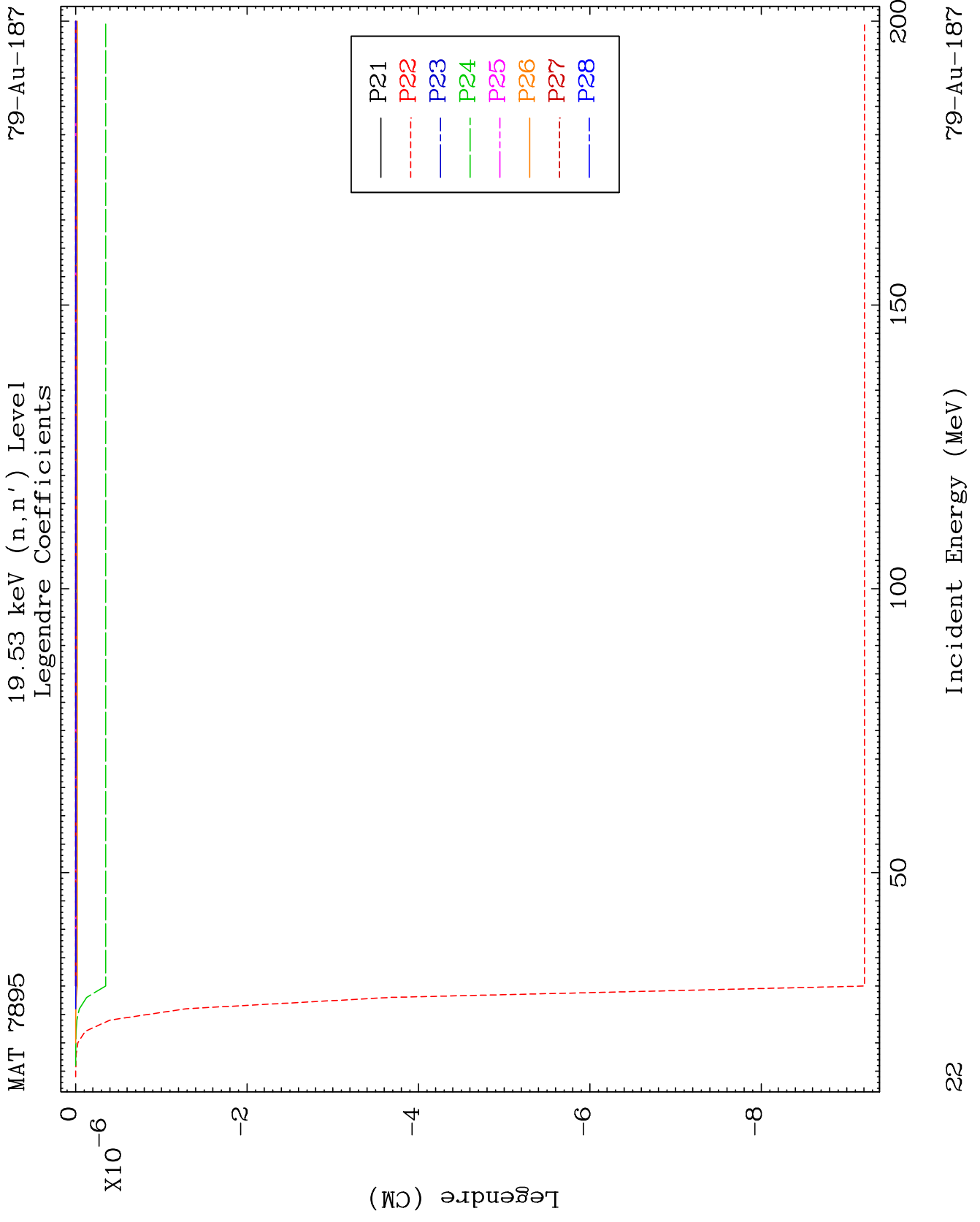
79-Au-187

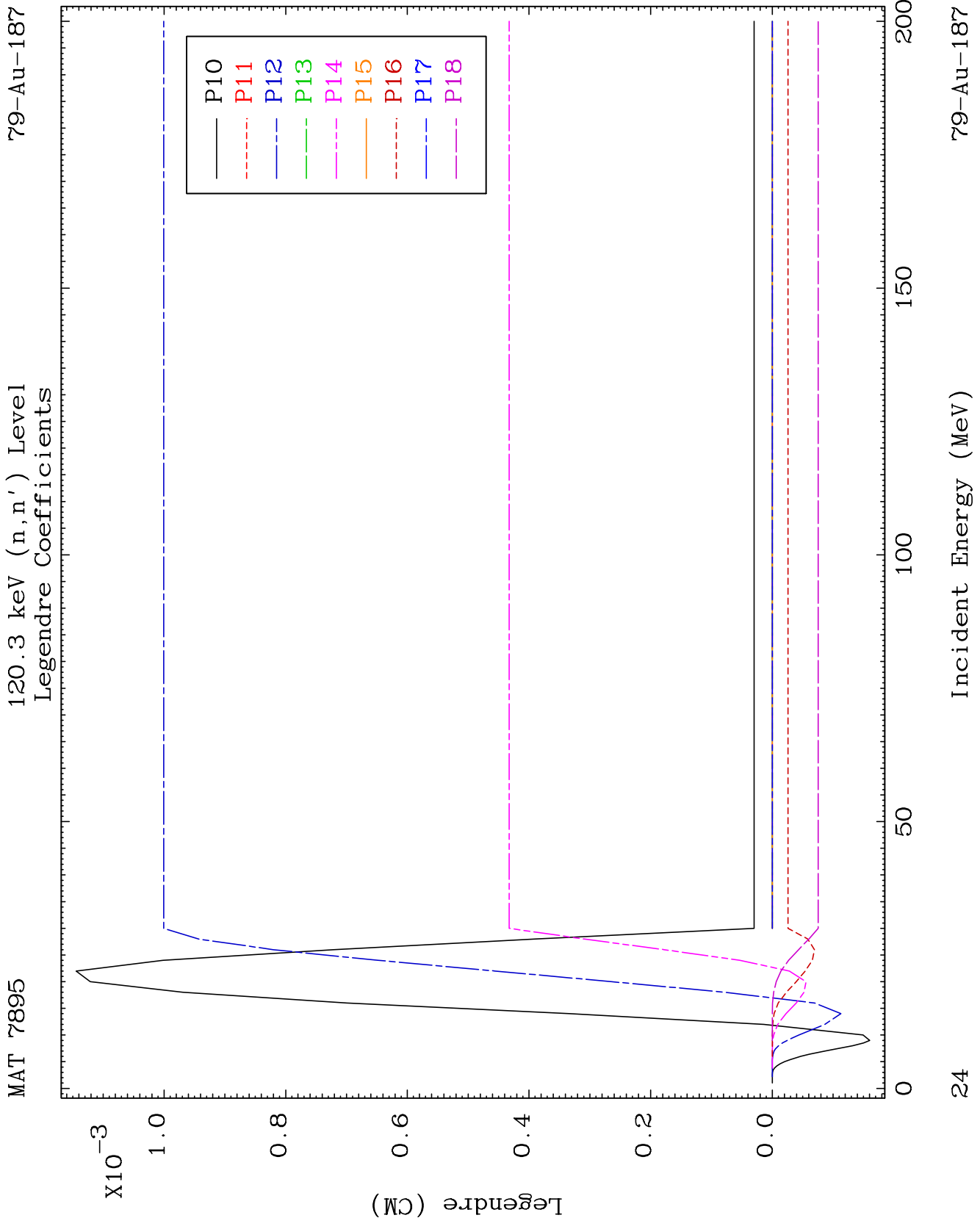


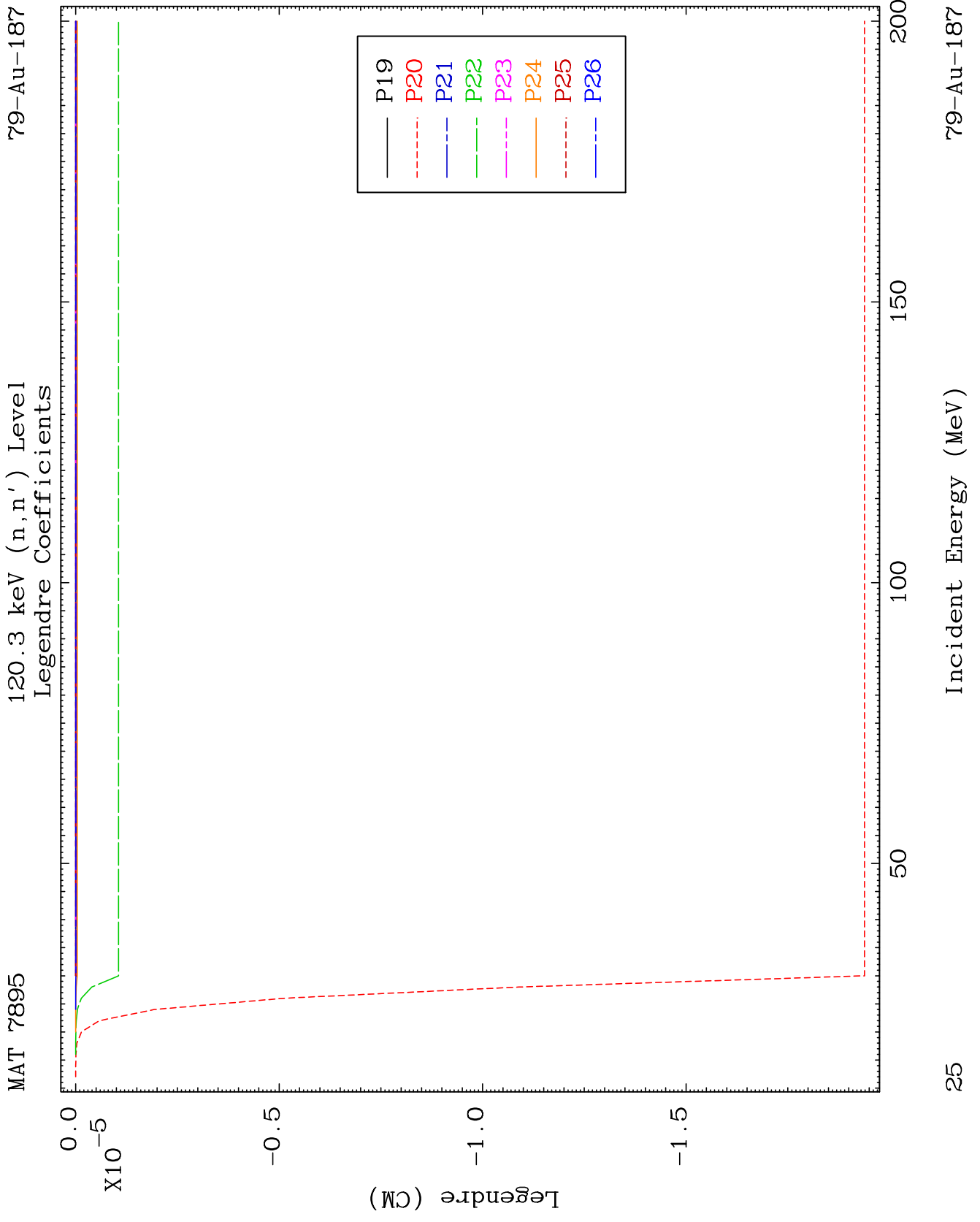
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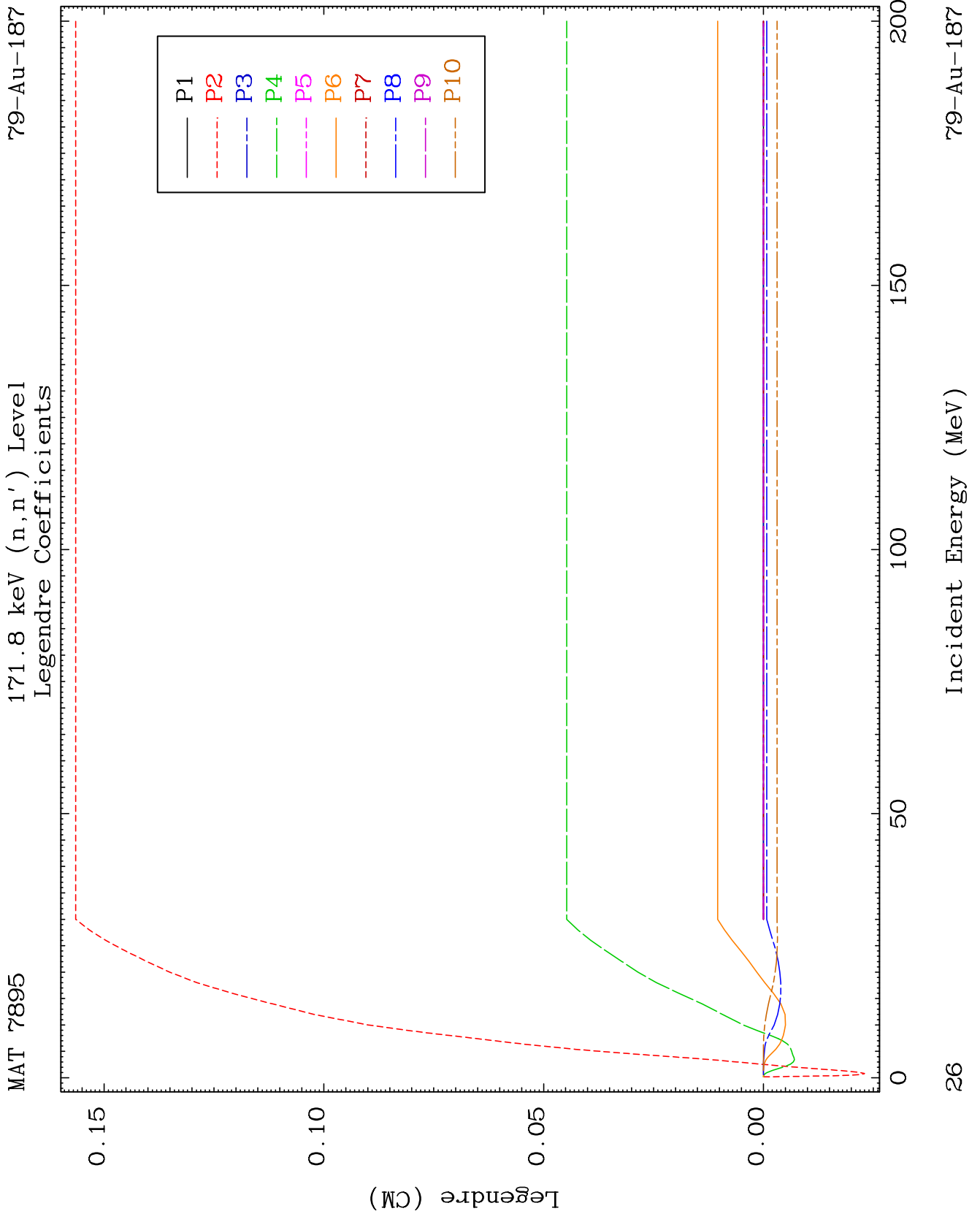
Incident Energy (MeV)

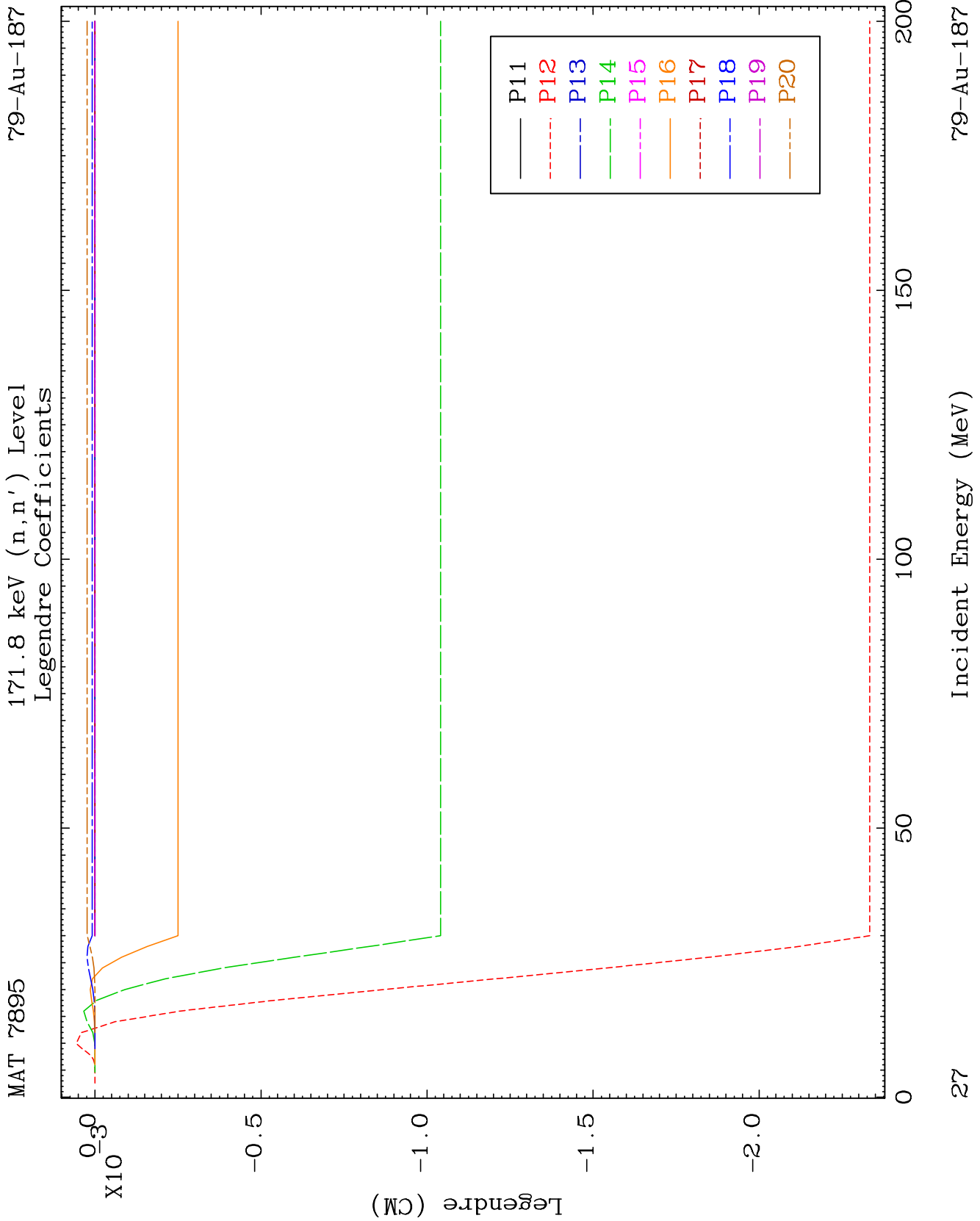
79-Au-187

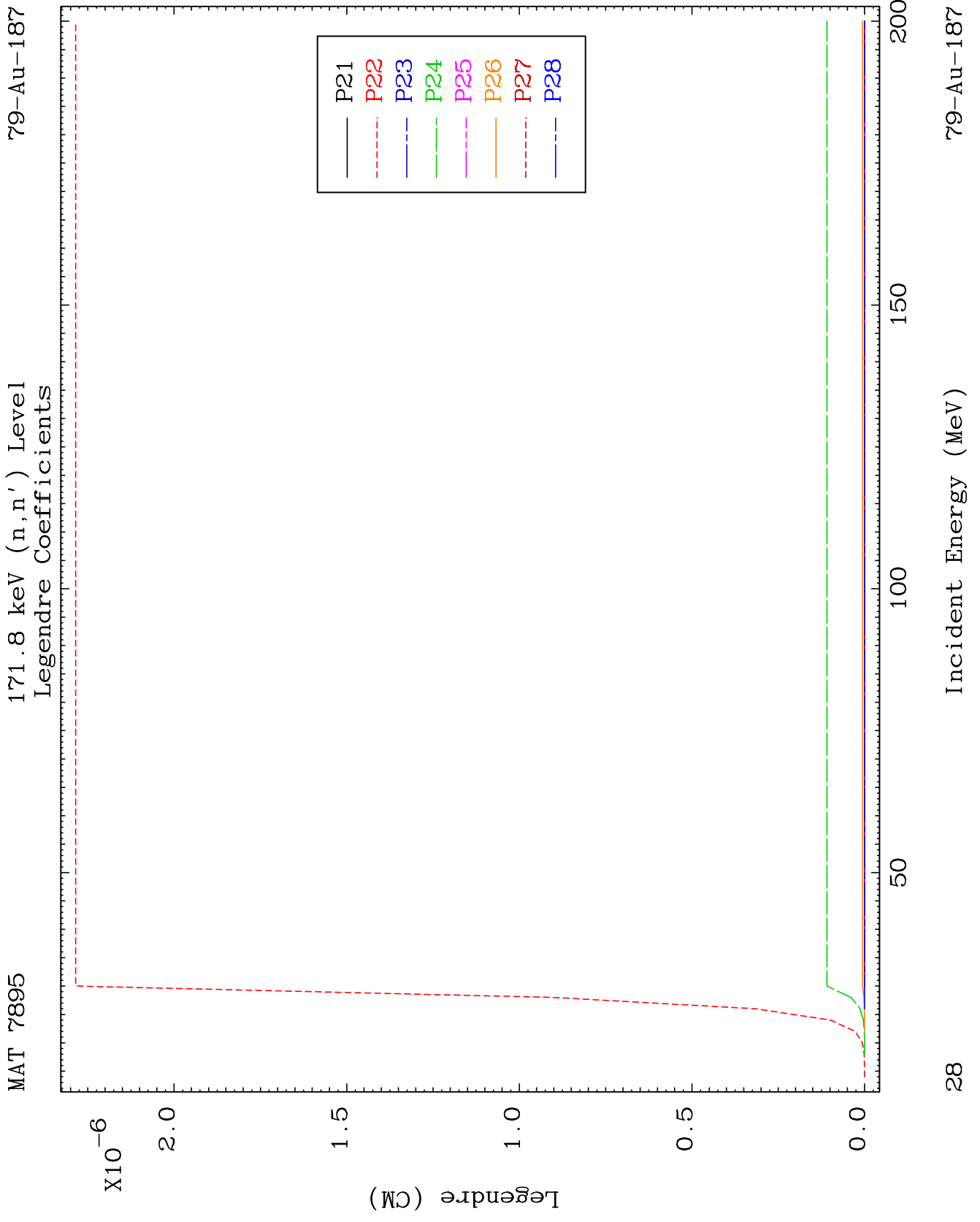








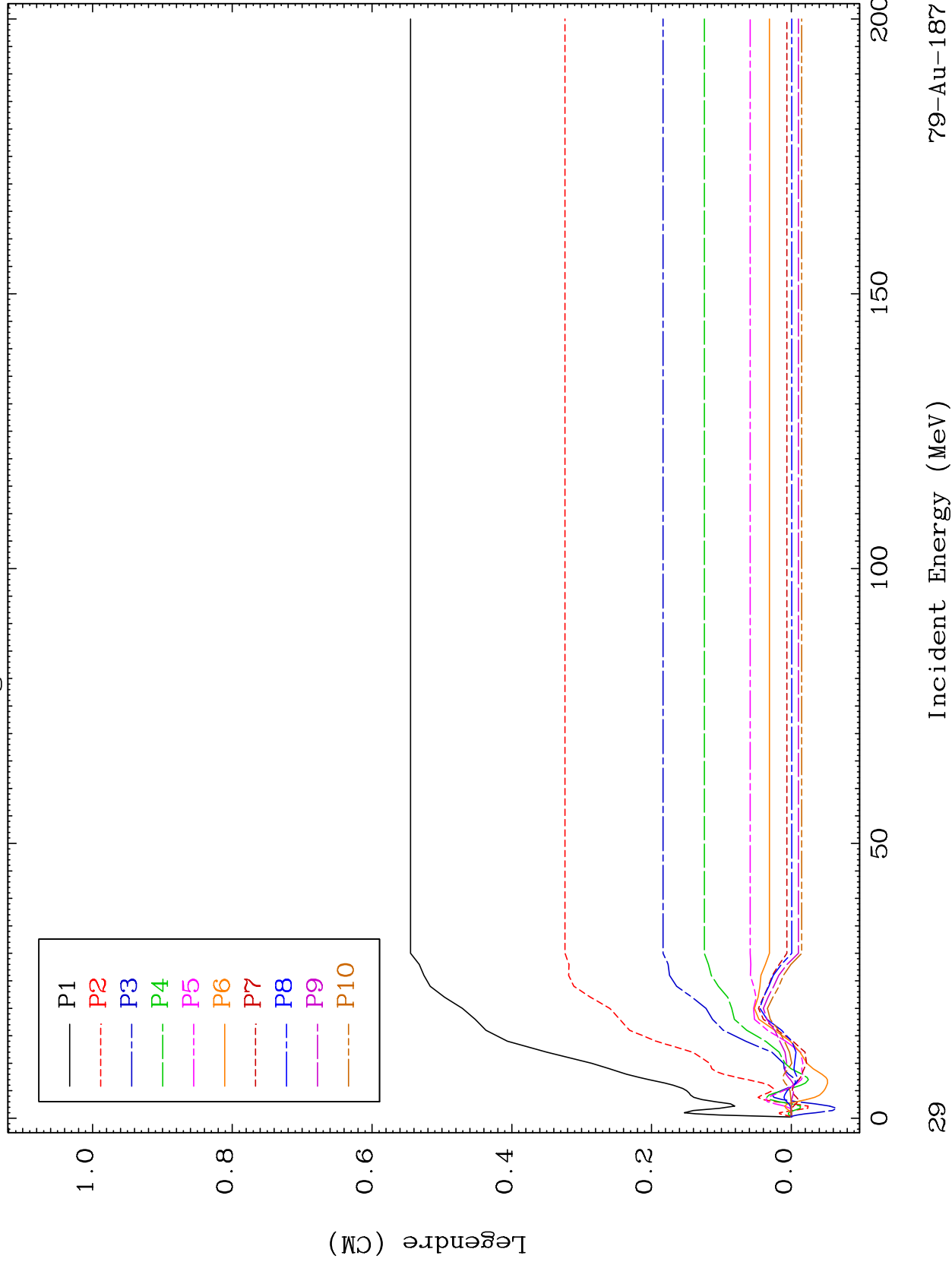




MAT 7895

203.3 keV (n, n') Level
Legendre Coefficients

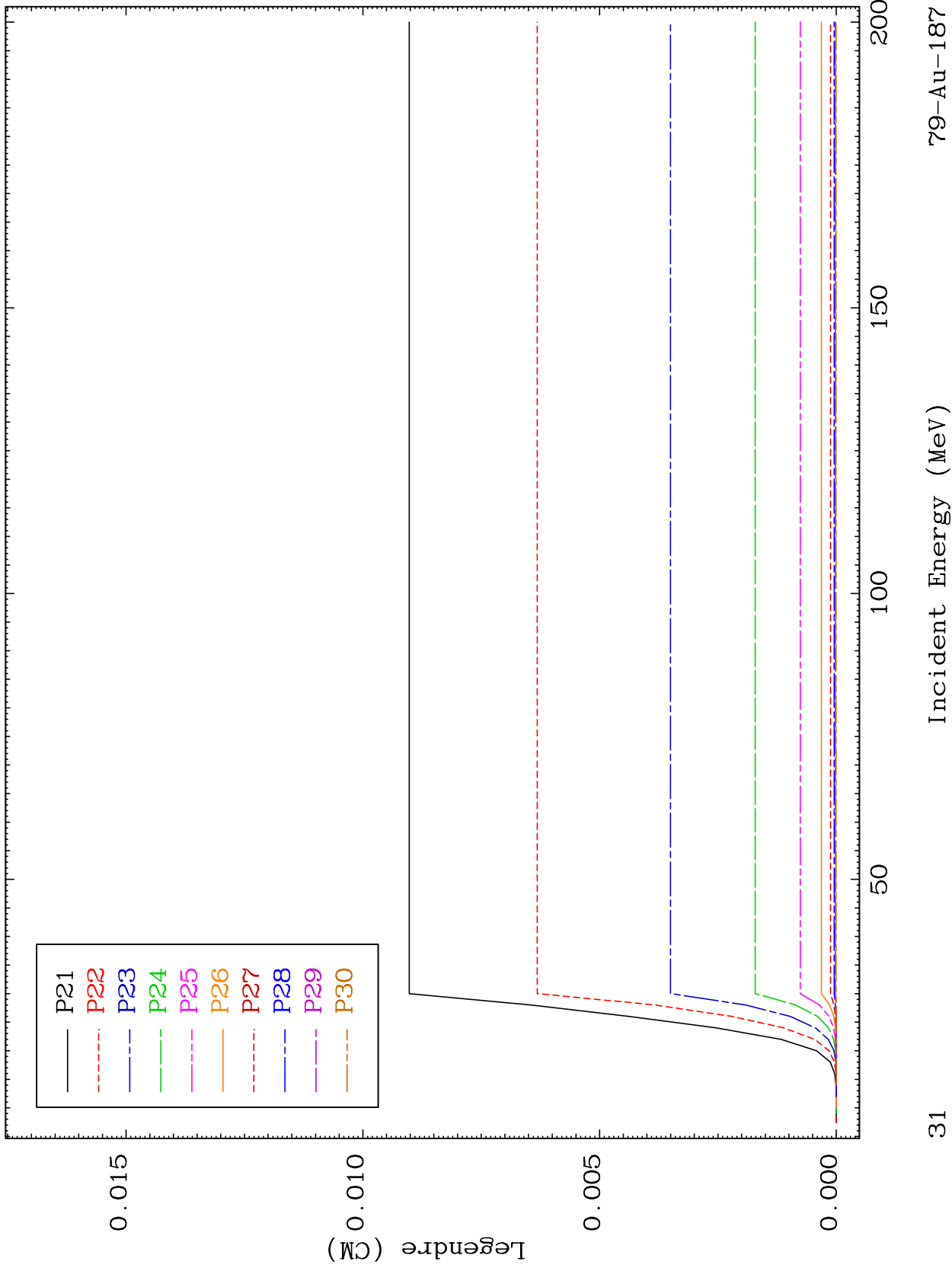
79-Au-187



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Incident Energy (MeV)

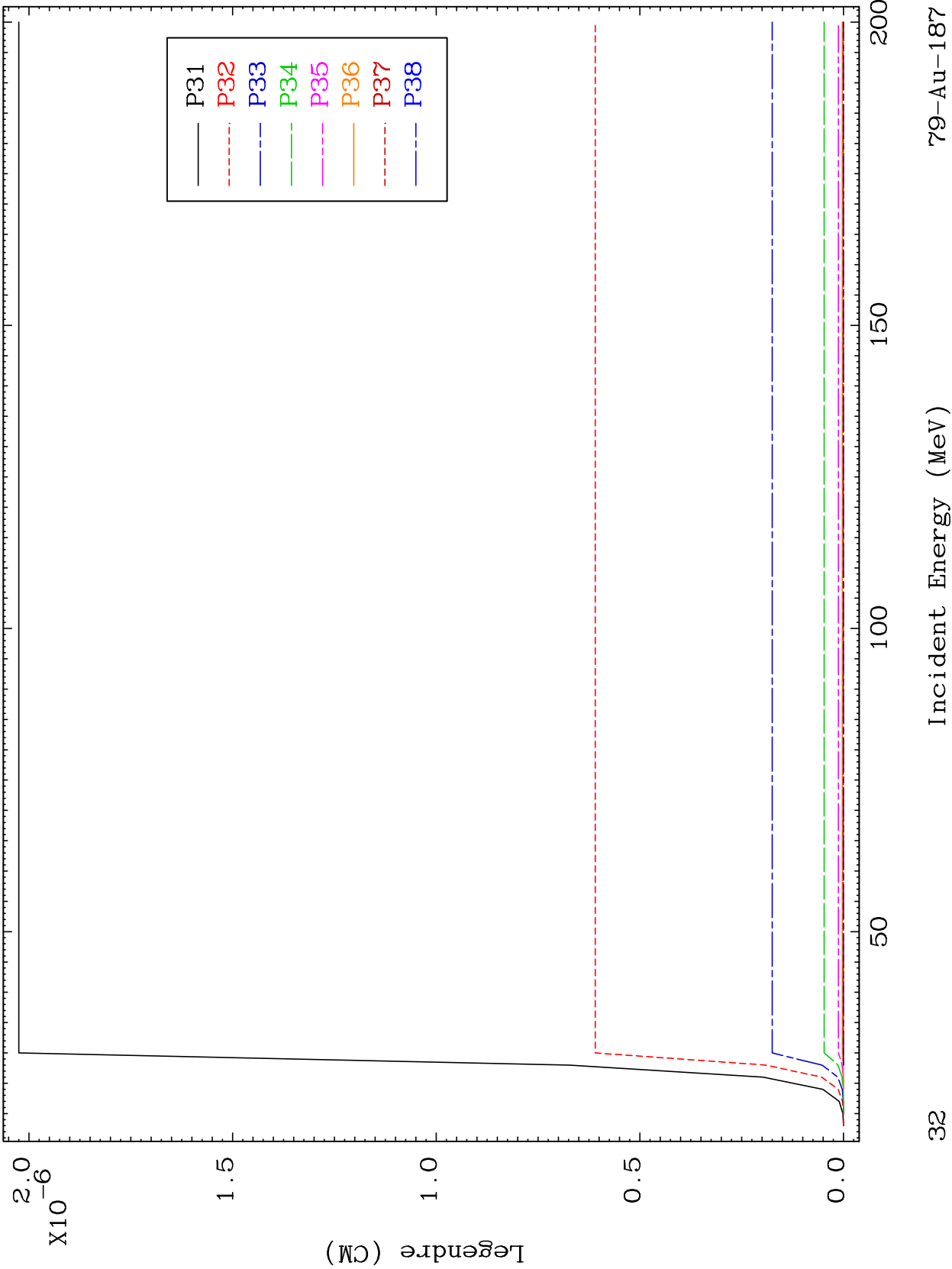
79-Au-187



MAT 7895

203.3 keV (n,n') Level
Legendre Coefficients

79-Au-187



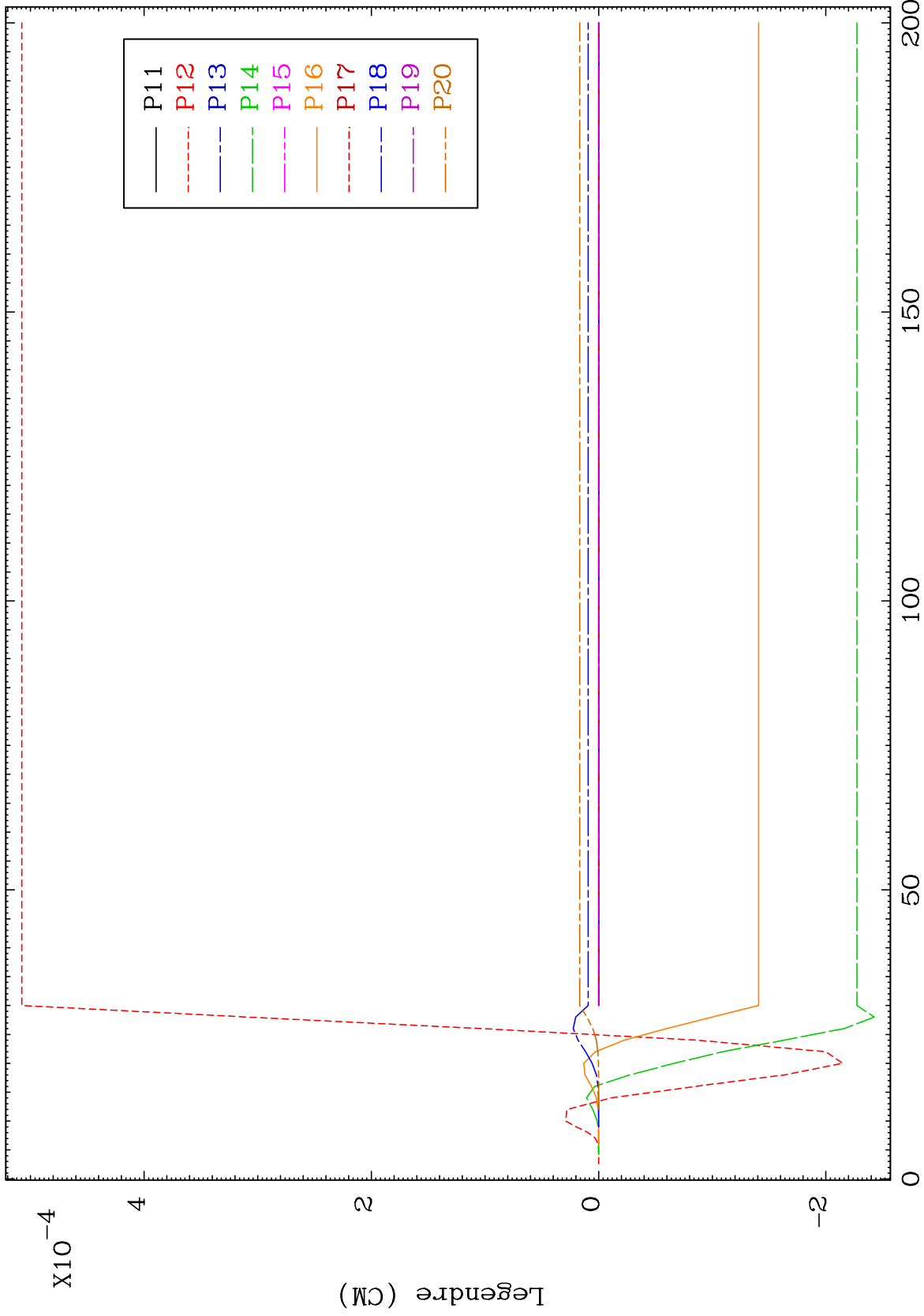
32

79-Au-187

MAT 7895

223.9 keV (n,n') Level
Legendre Coefficients

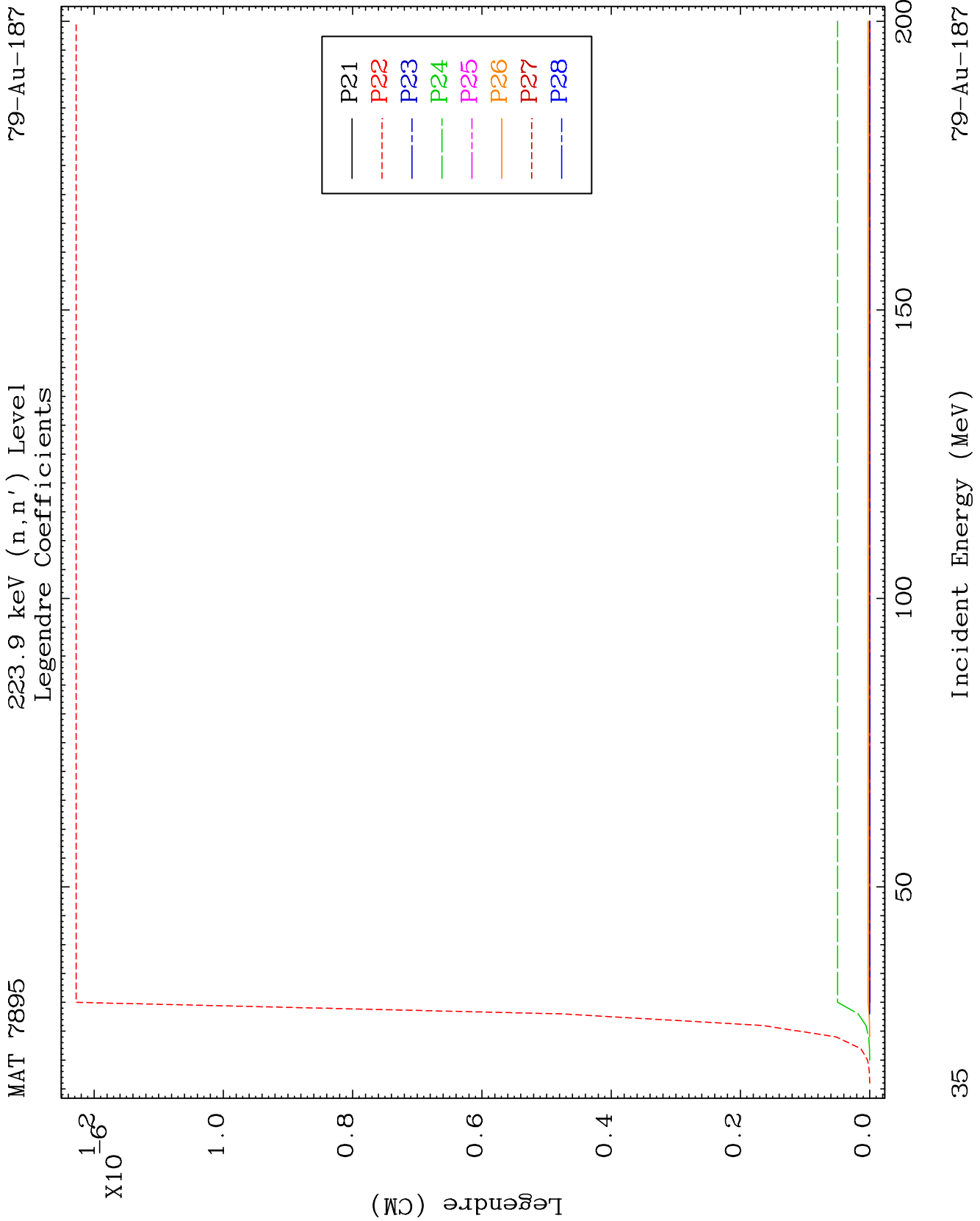
79-Au-187



34

Incident Energy (MeV)

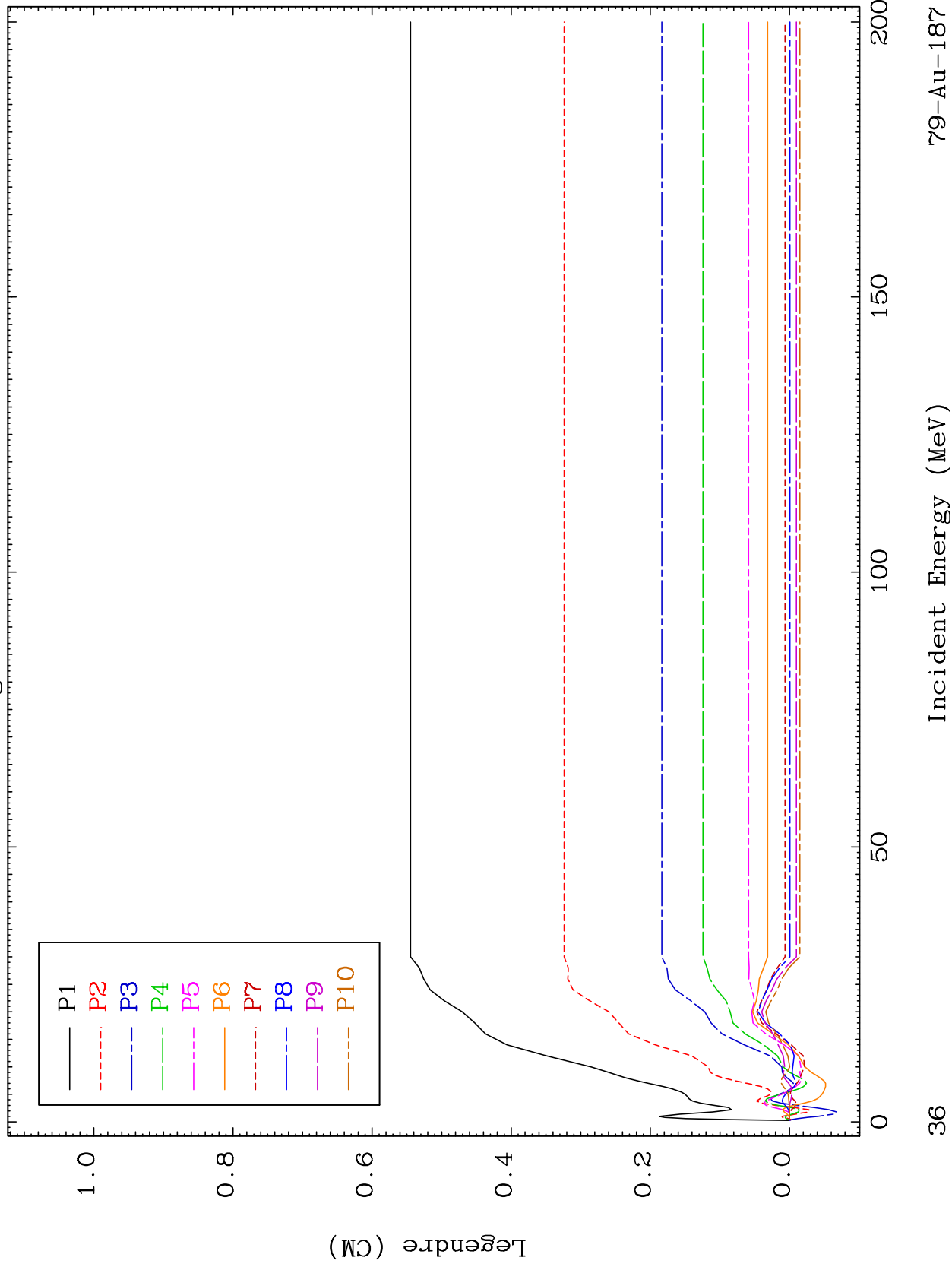
79-Au-187



MAT 7895

240.2 keV (n,n') Level
Legendre Coefficients

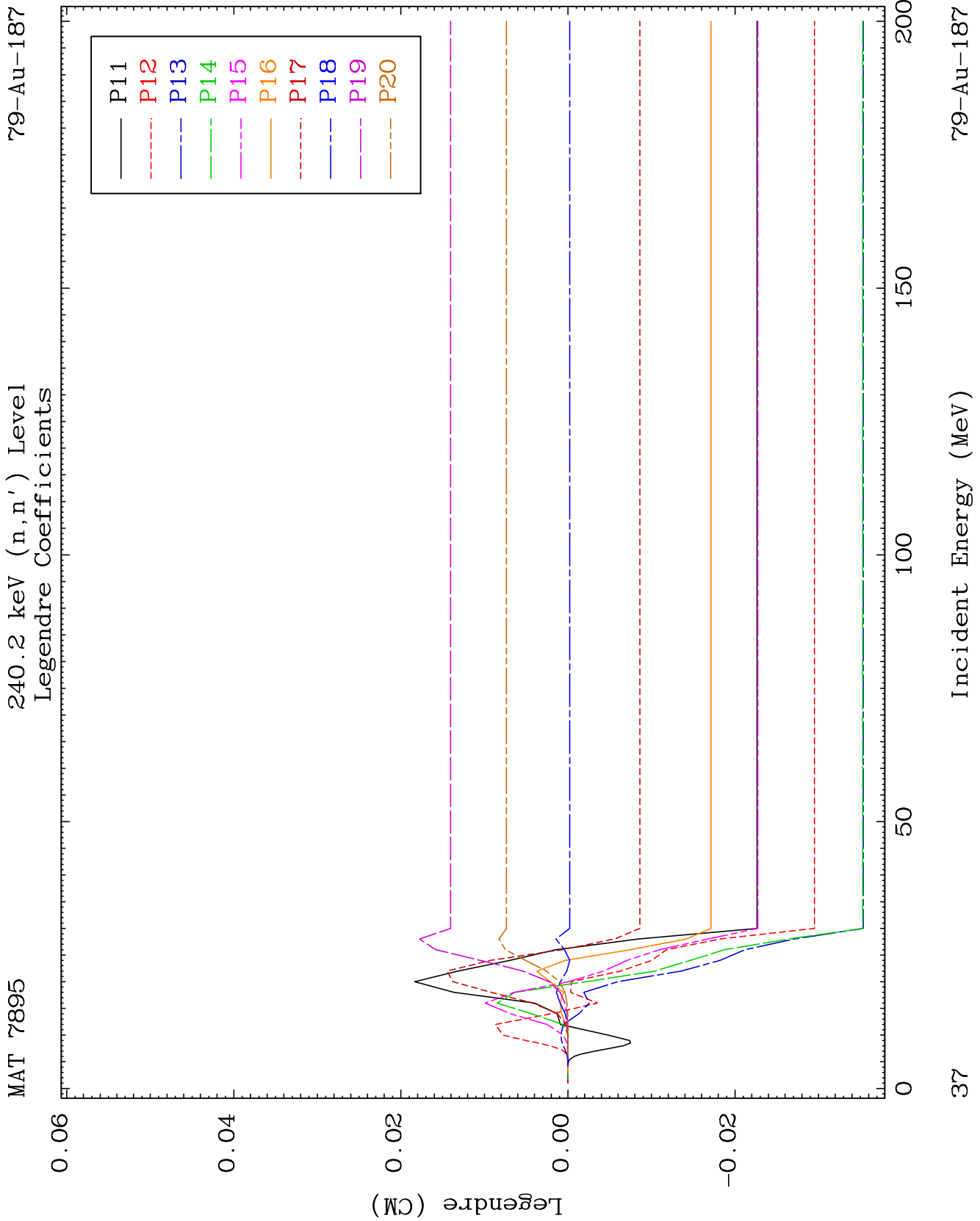
79-Au-187



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Incident Energy (MeV)

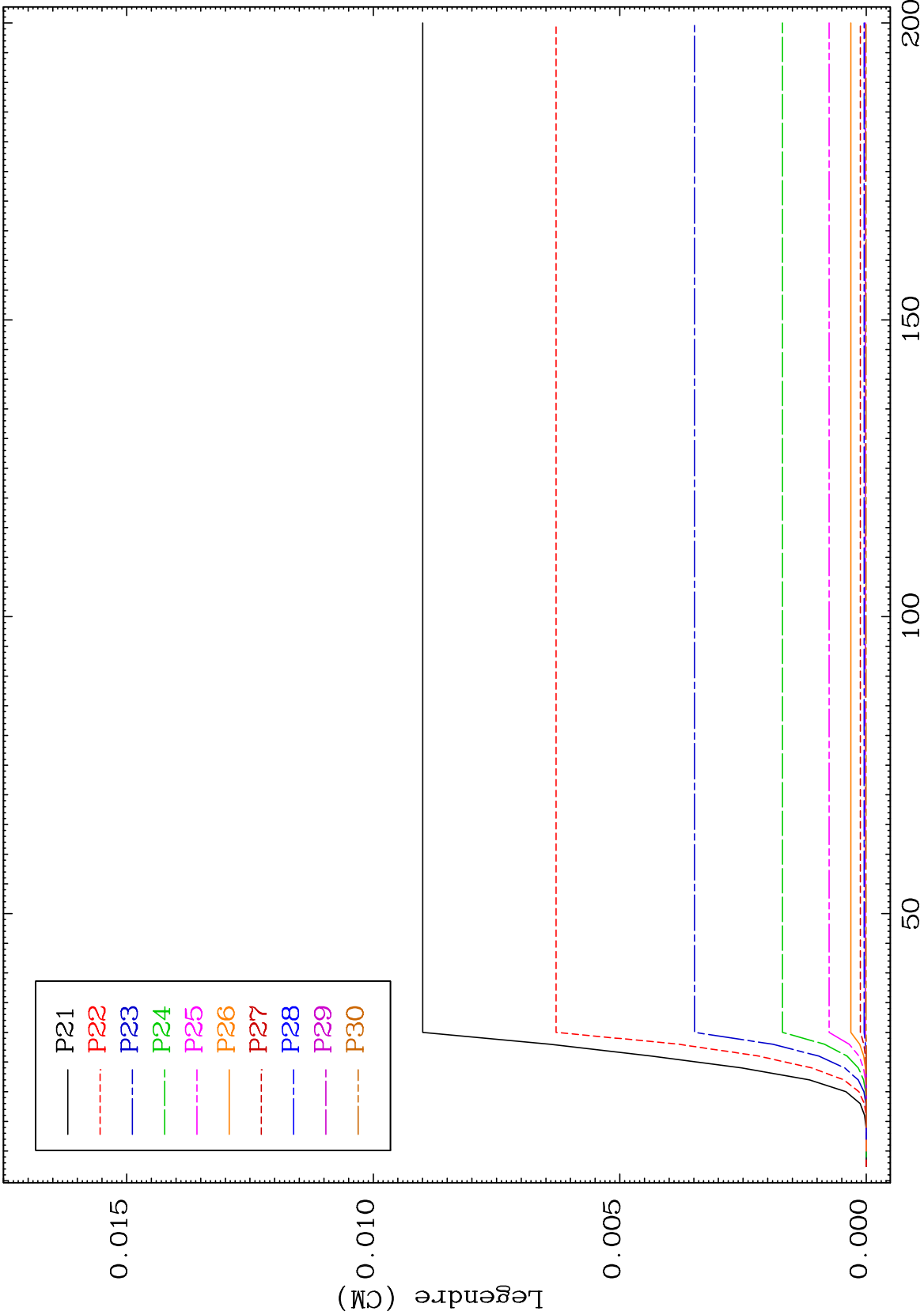
79-Au-187



MAT 7895

240.2 keV (n,n') Level
Legendre Coefficients

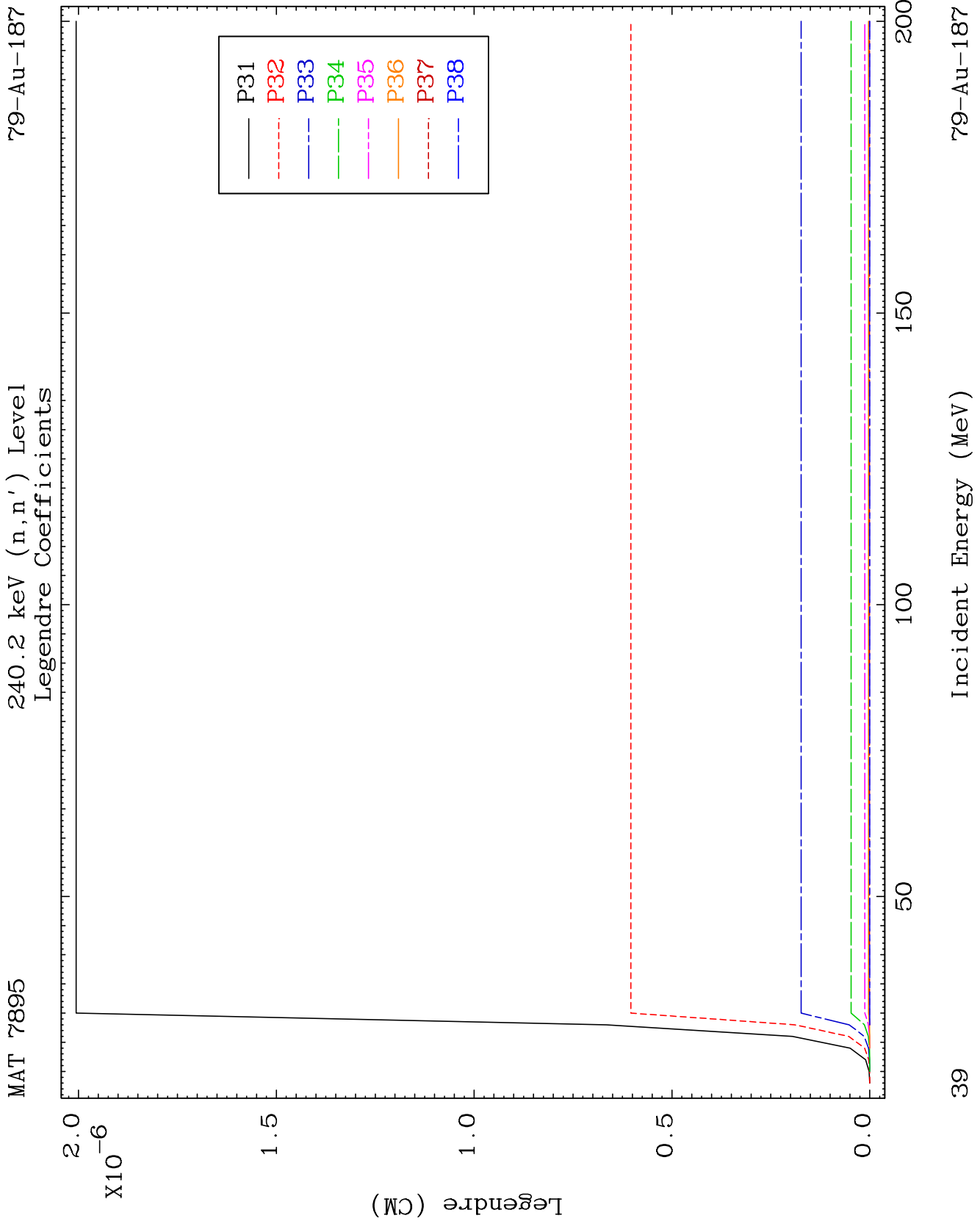
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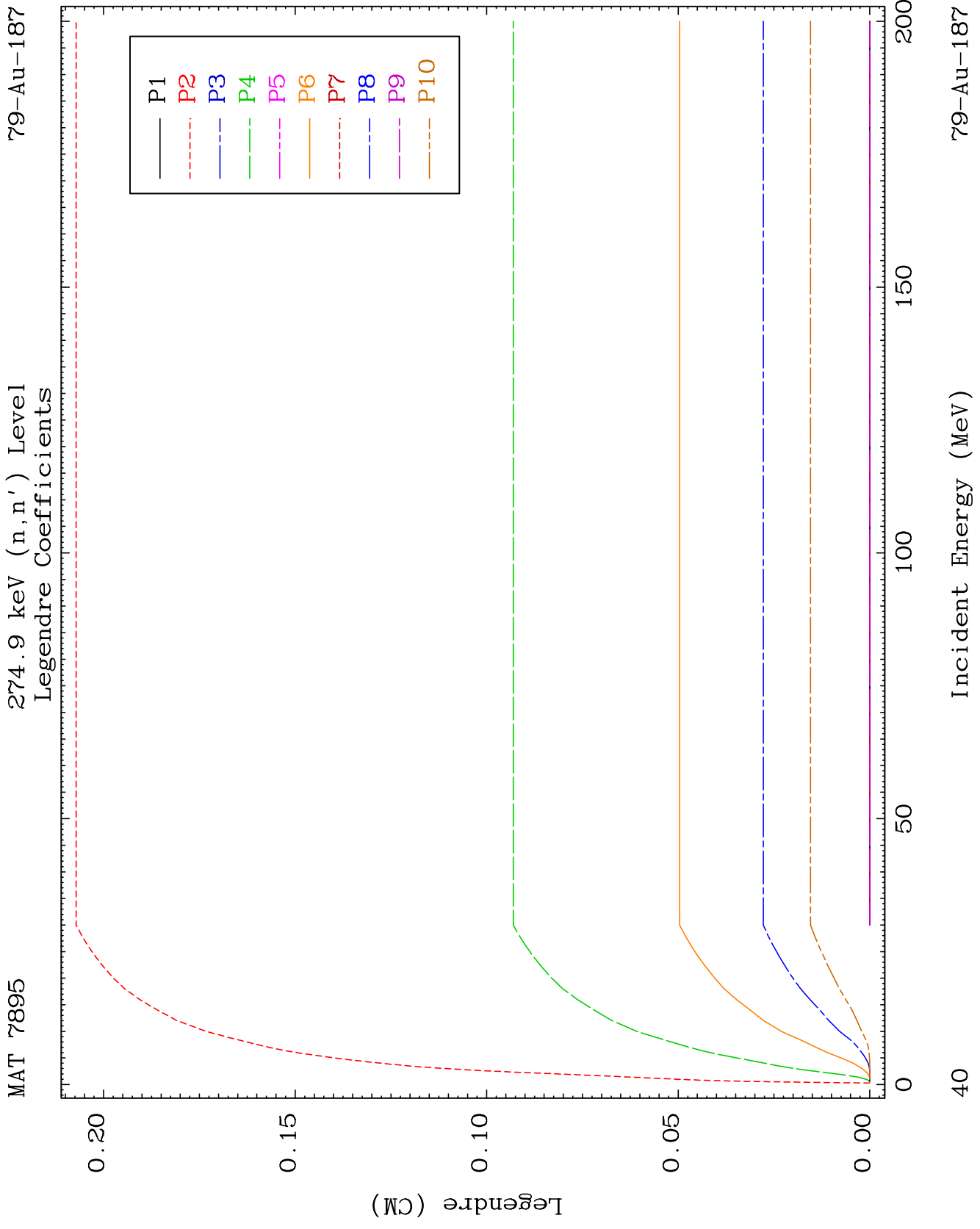


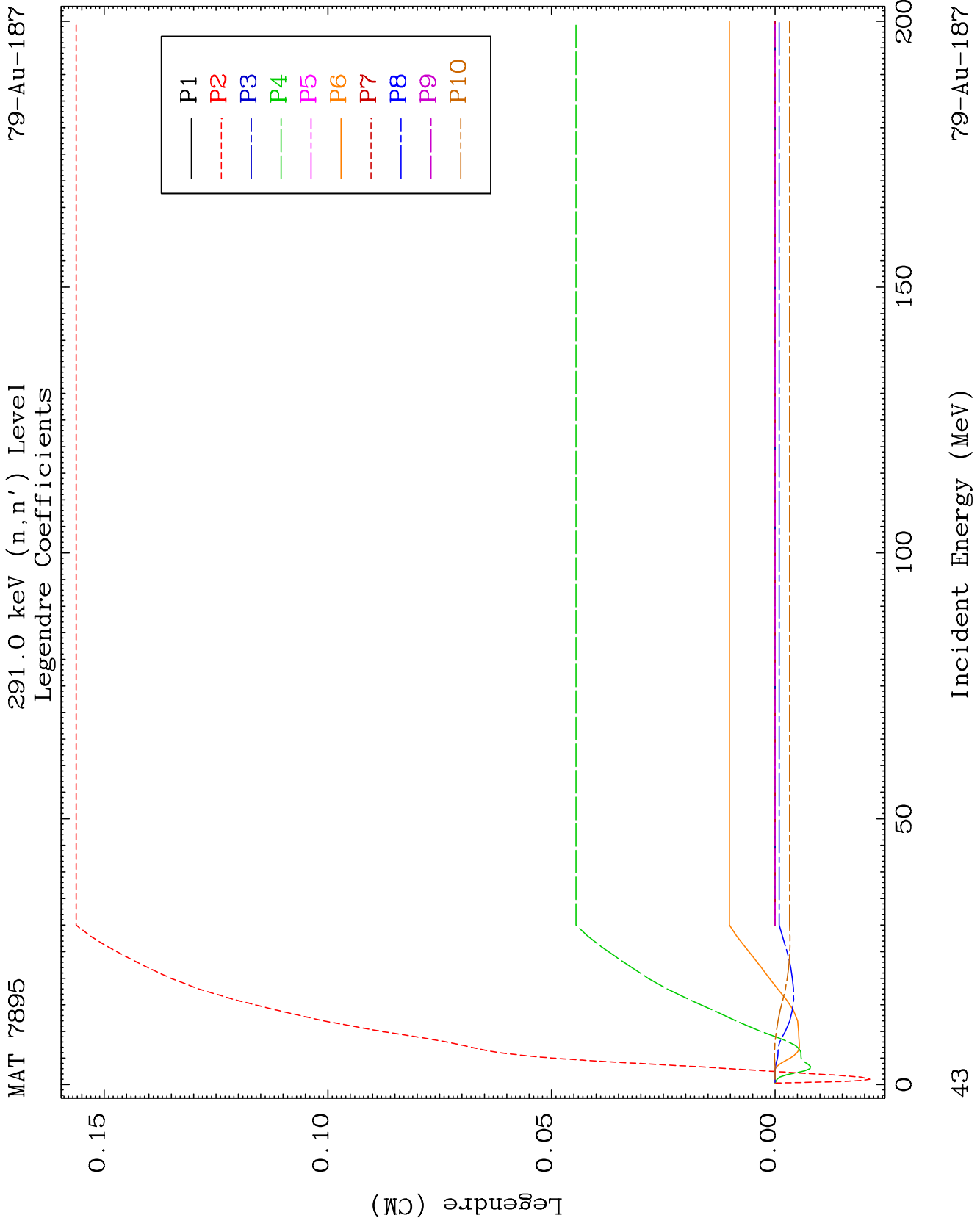
38

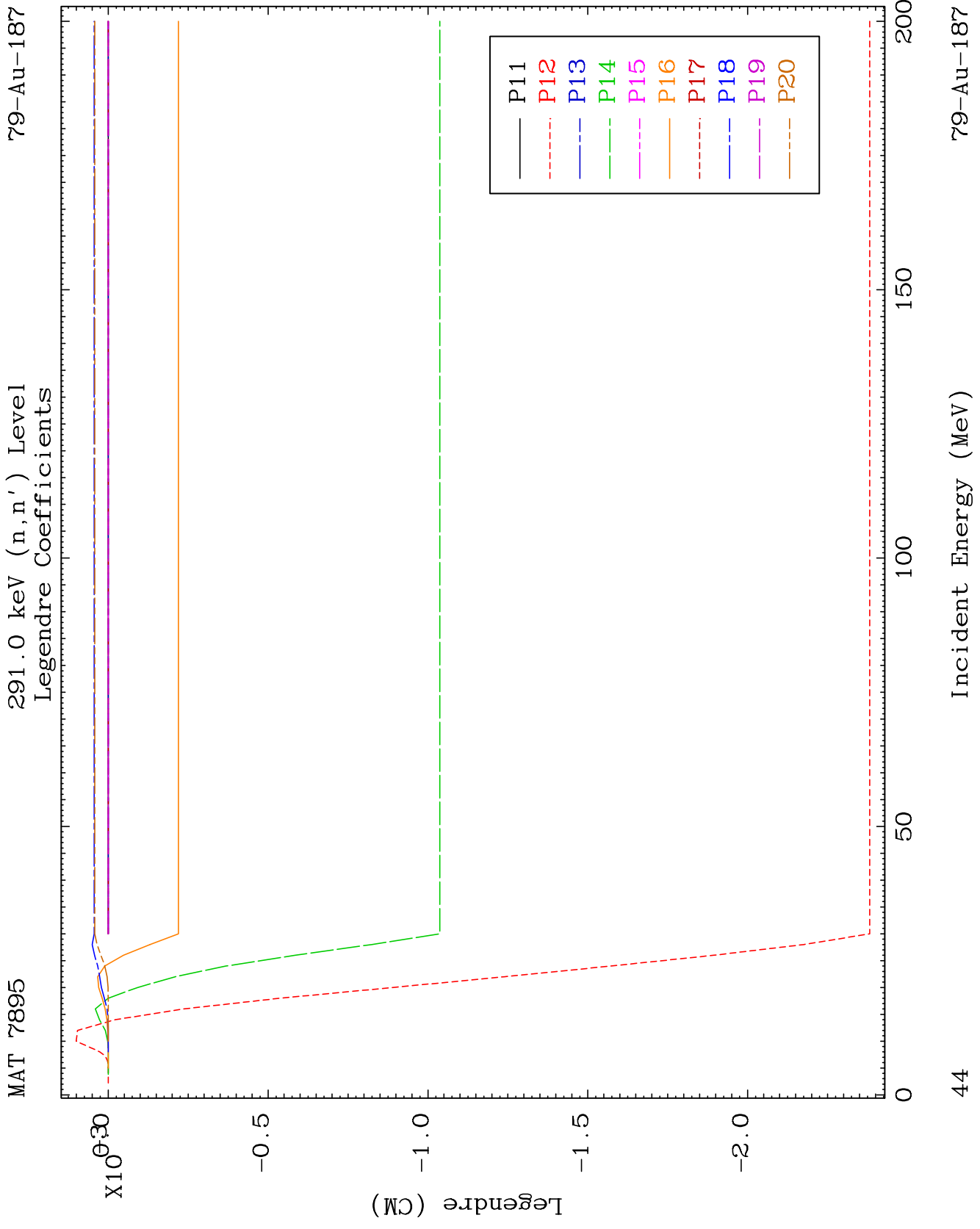
Incident Energy (MeV)

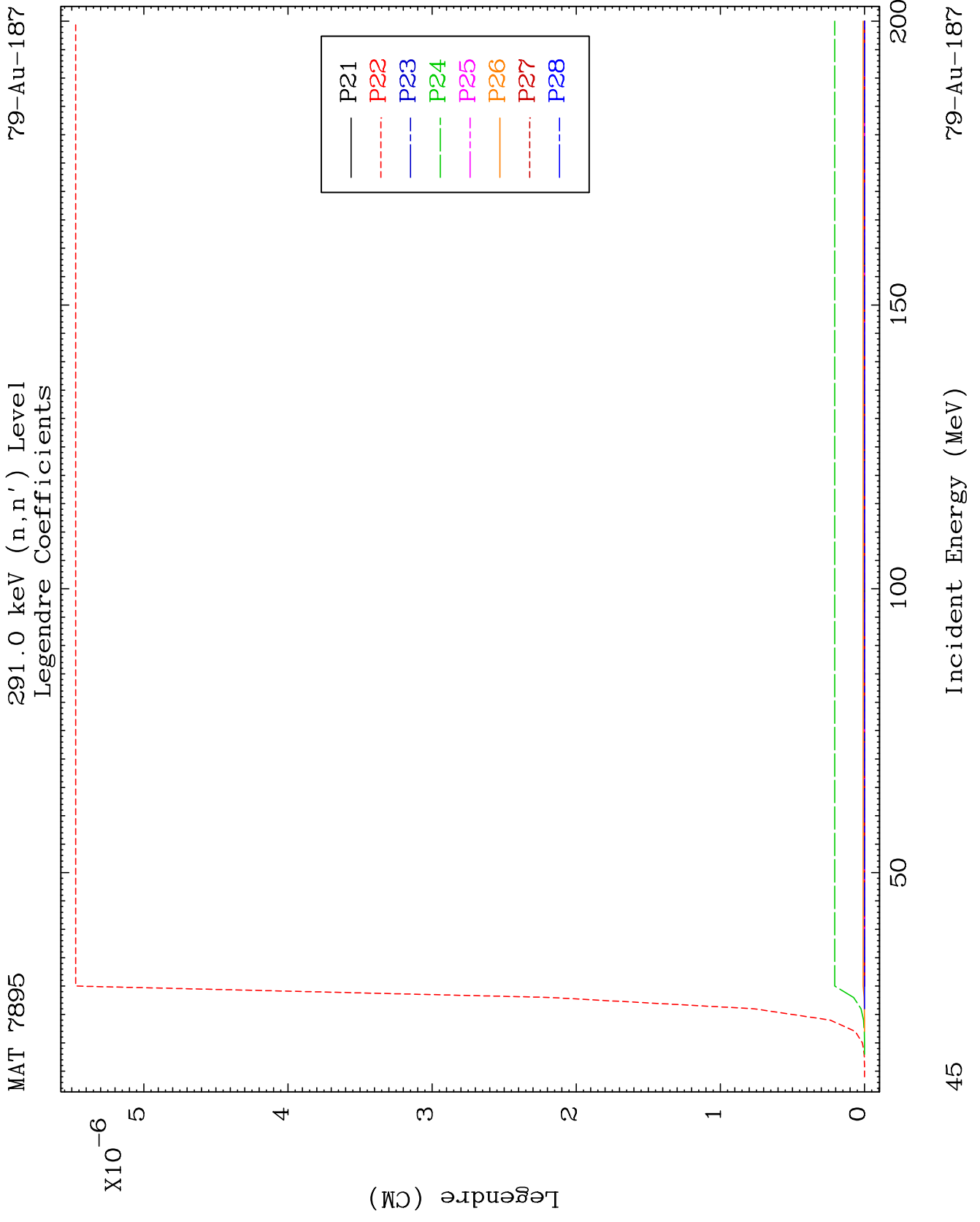
79-Au-187

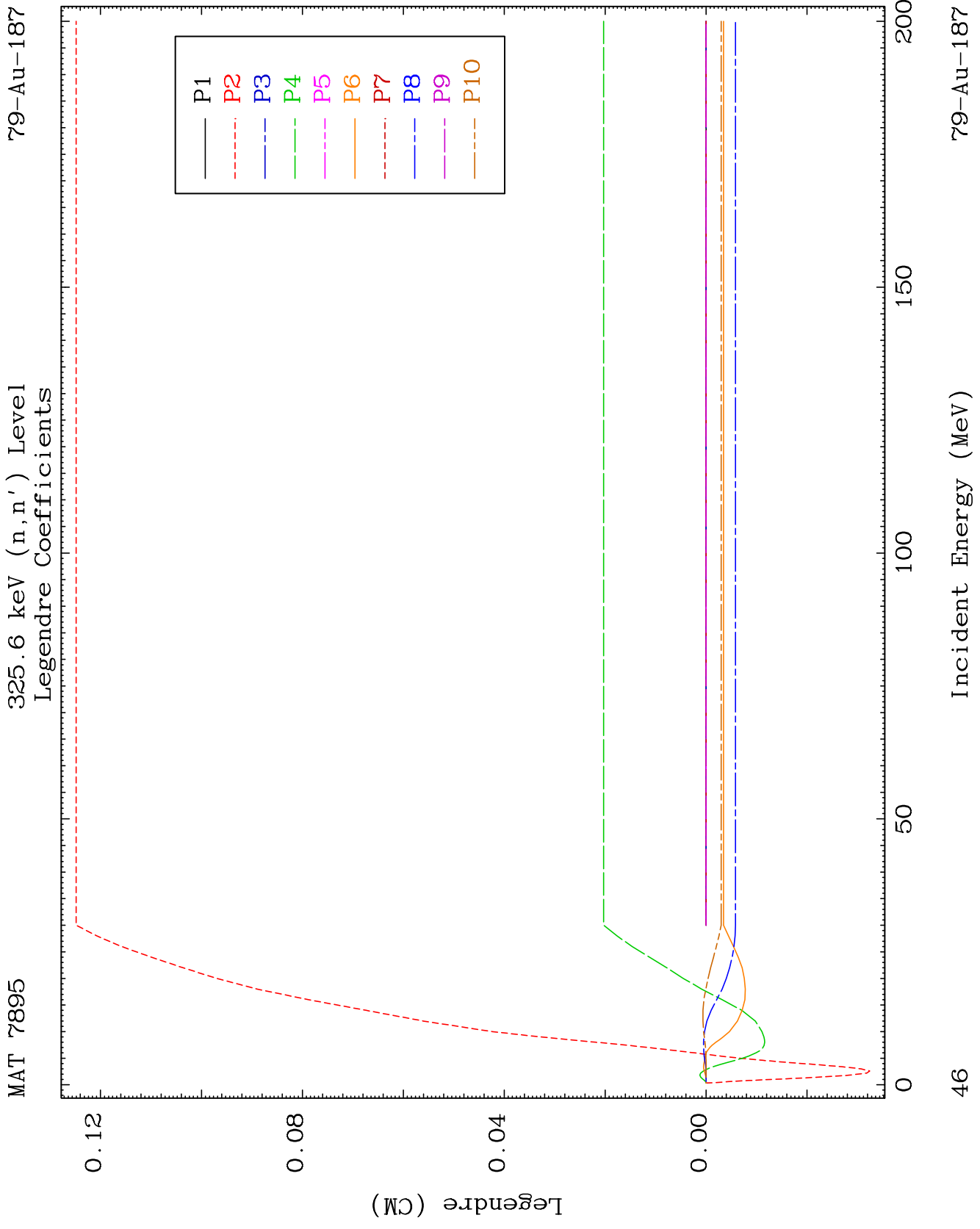








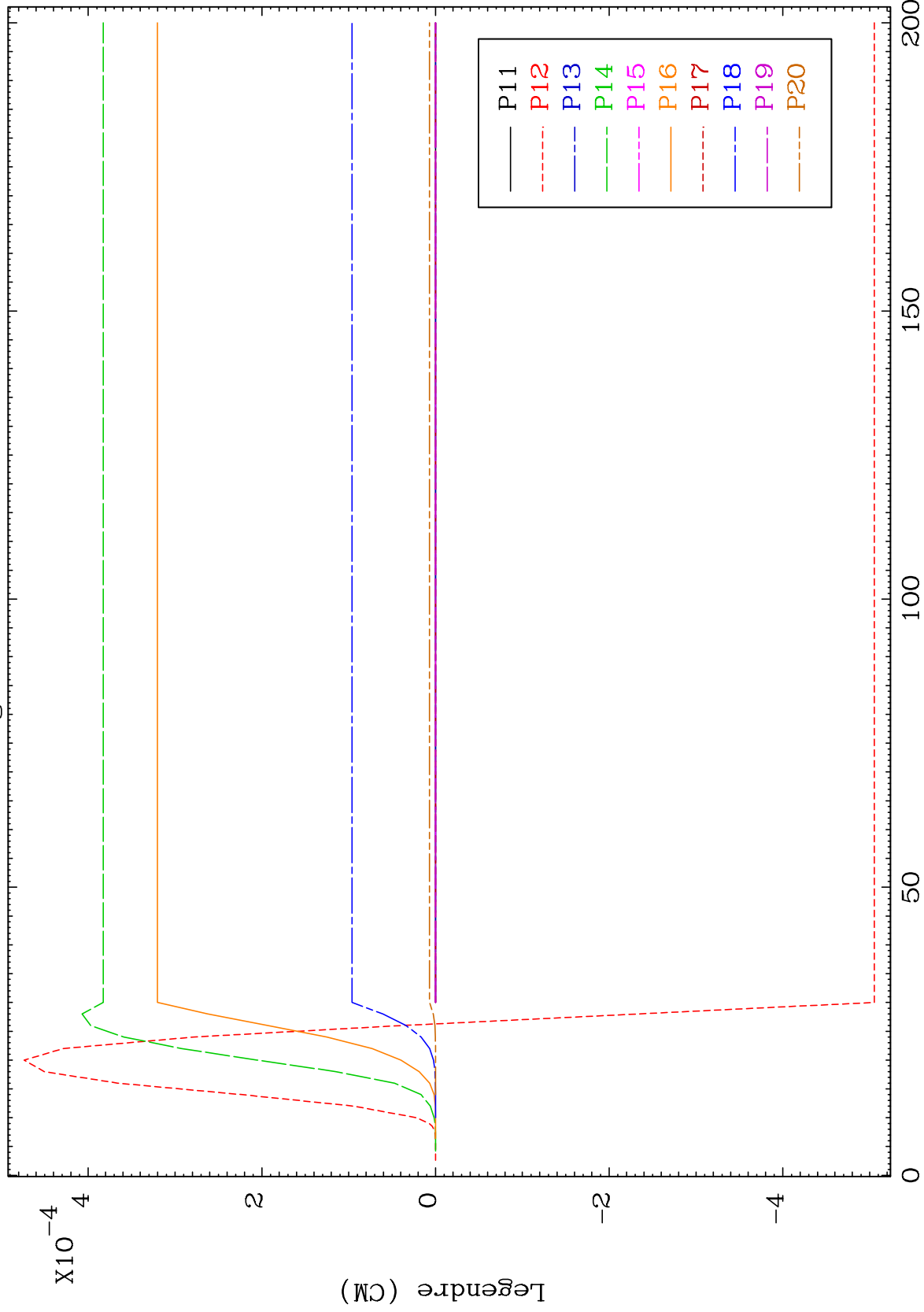




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325.6 keV (n,n') Level
Legendre Coefficients

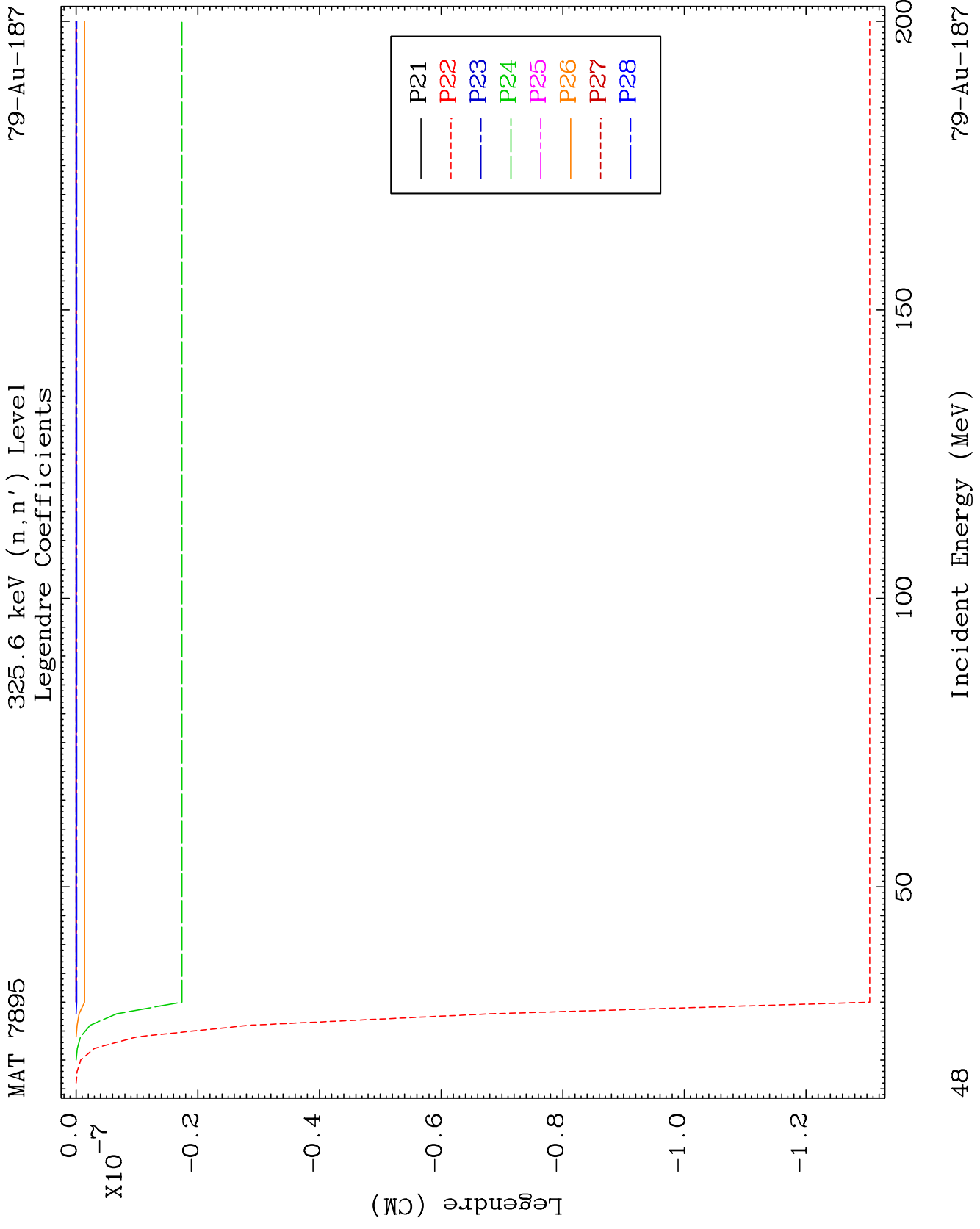
79-Au-187



47

Incident Energy (MeV)

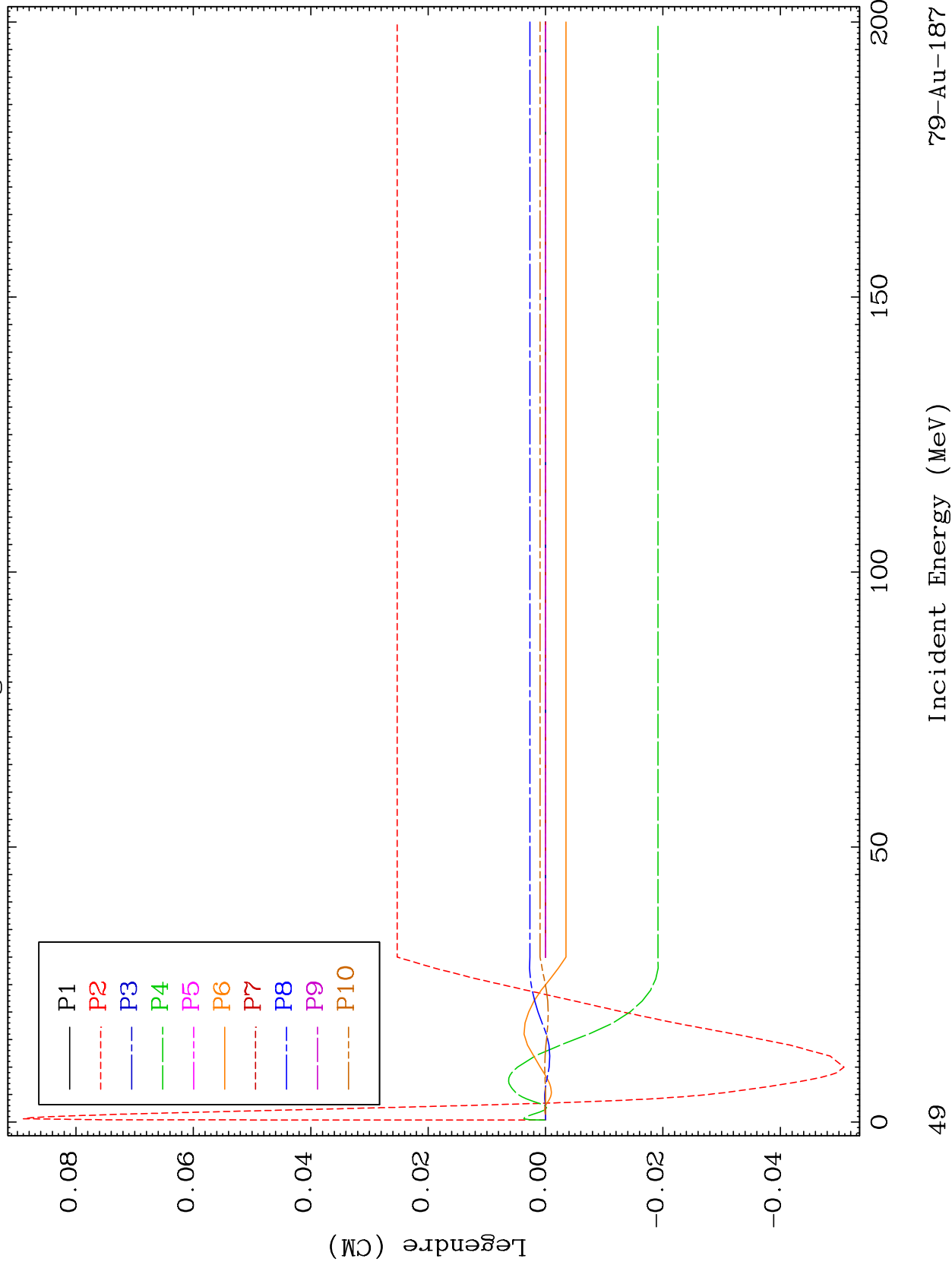
79-Au-187



MAT 7895

353.7 keV (n,n') Level
Legendre Coefficients

79-Au-187



79-Au-187

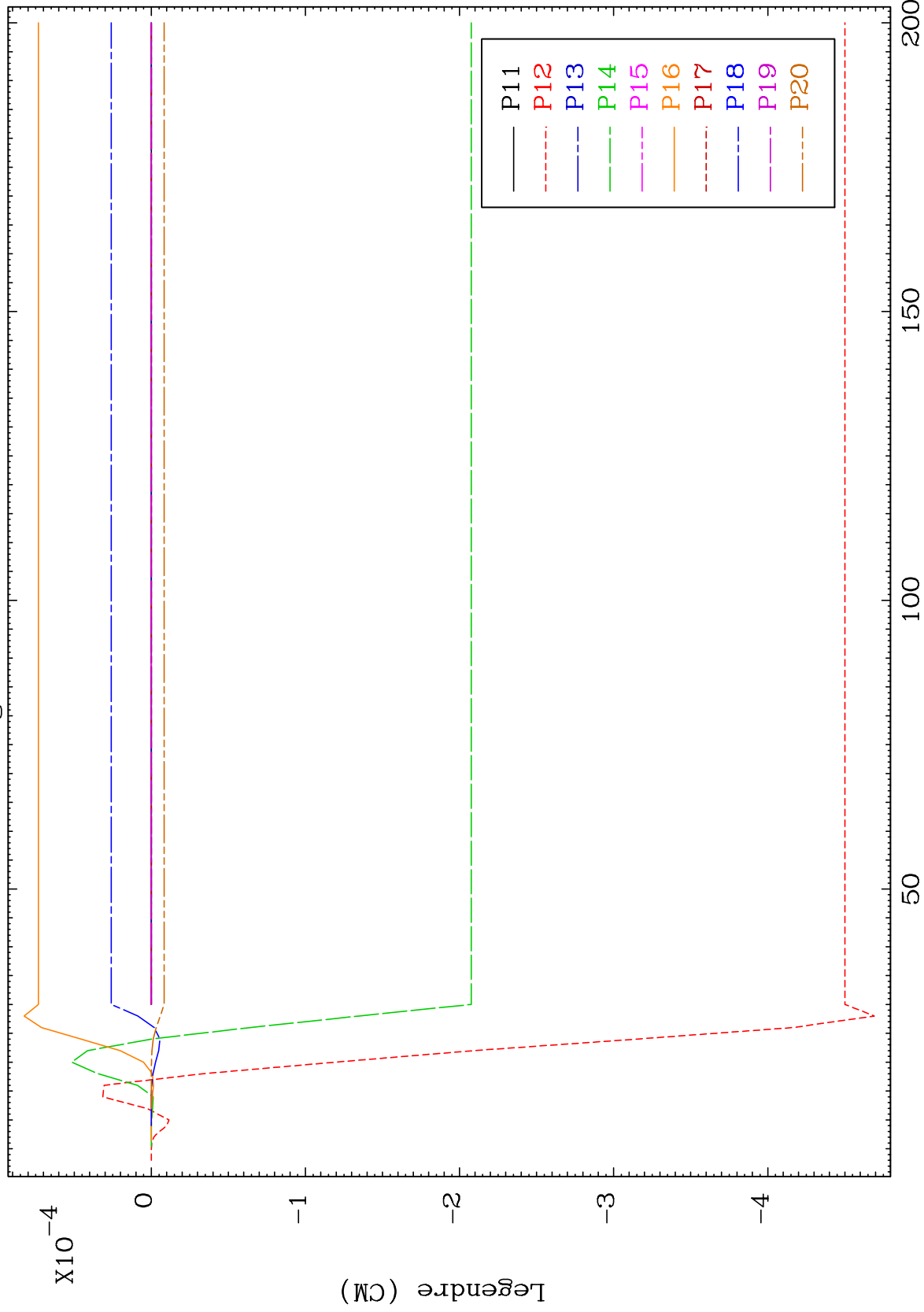
Incident Energy (MeV)

49

MAT 7895

353.7 keV (n,n') Level
Legendre Coefficients

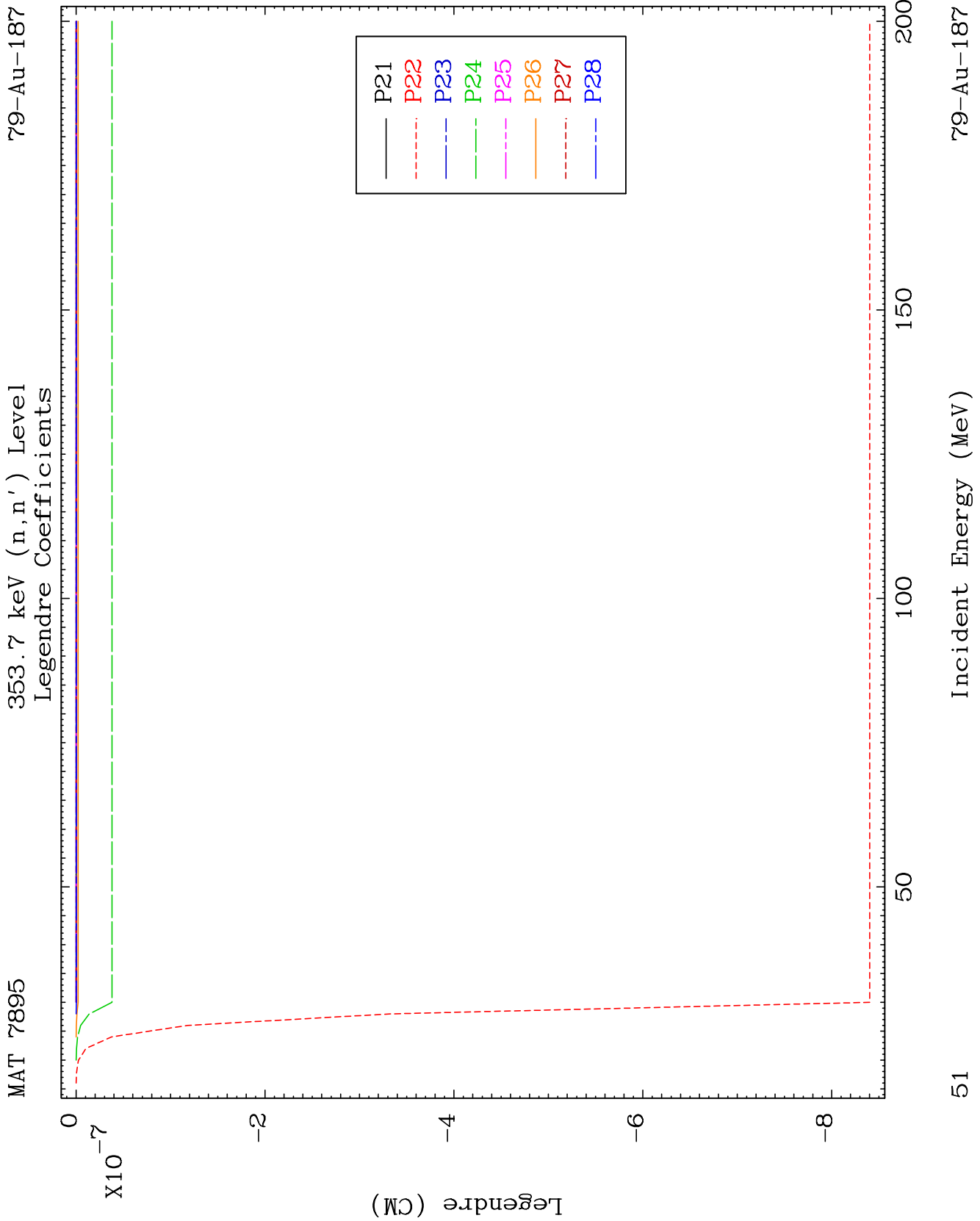
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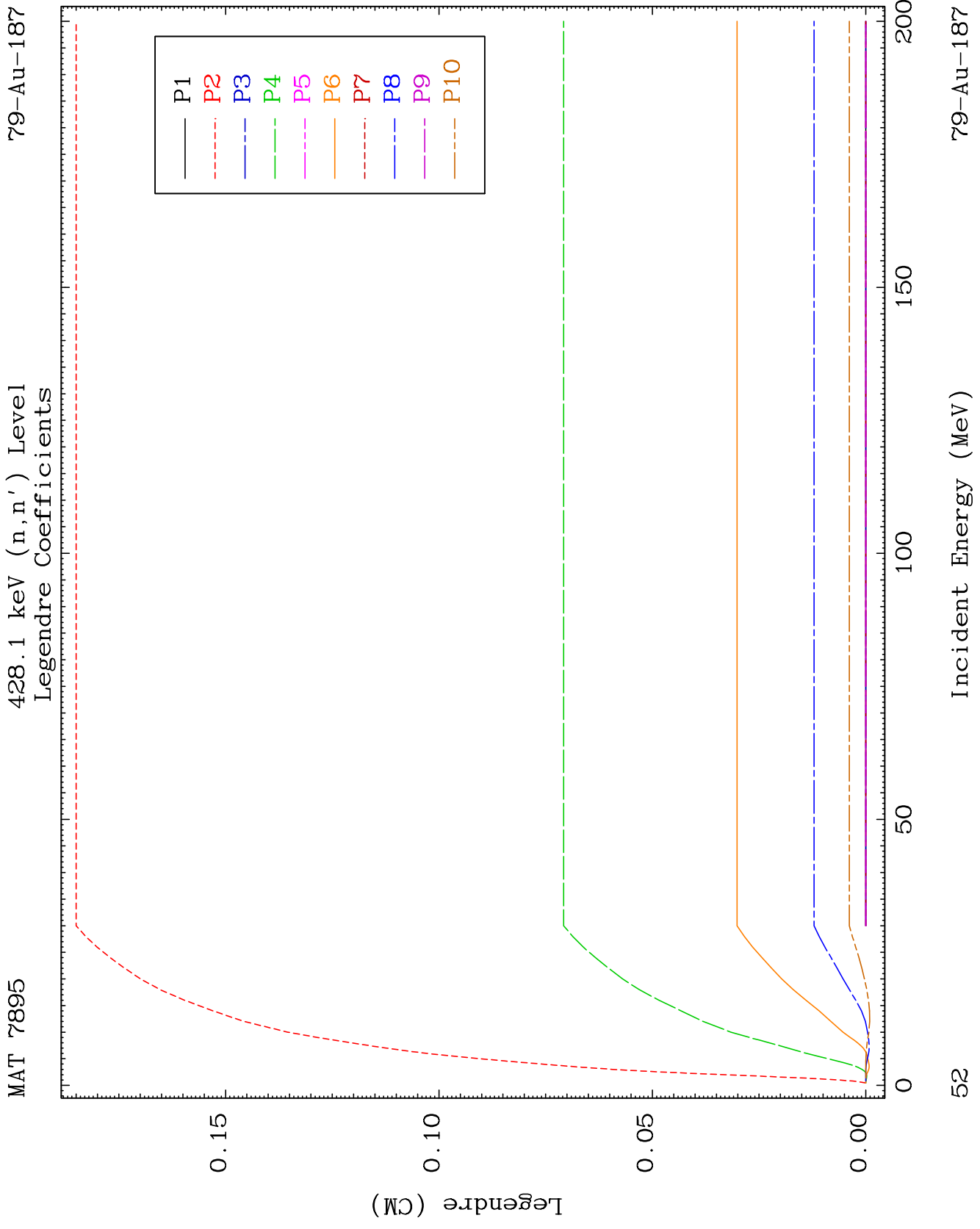


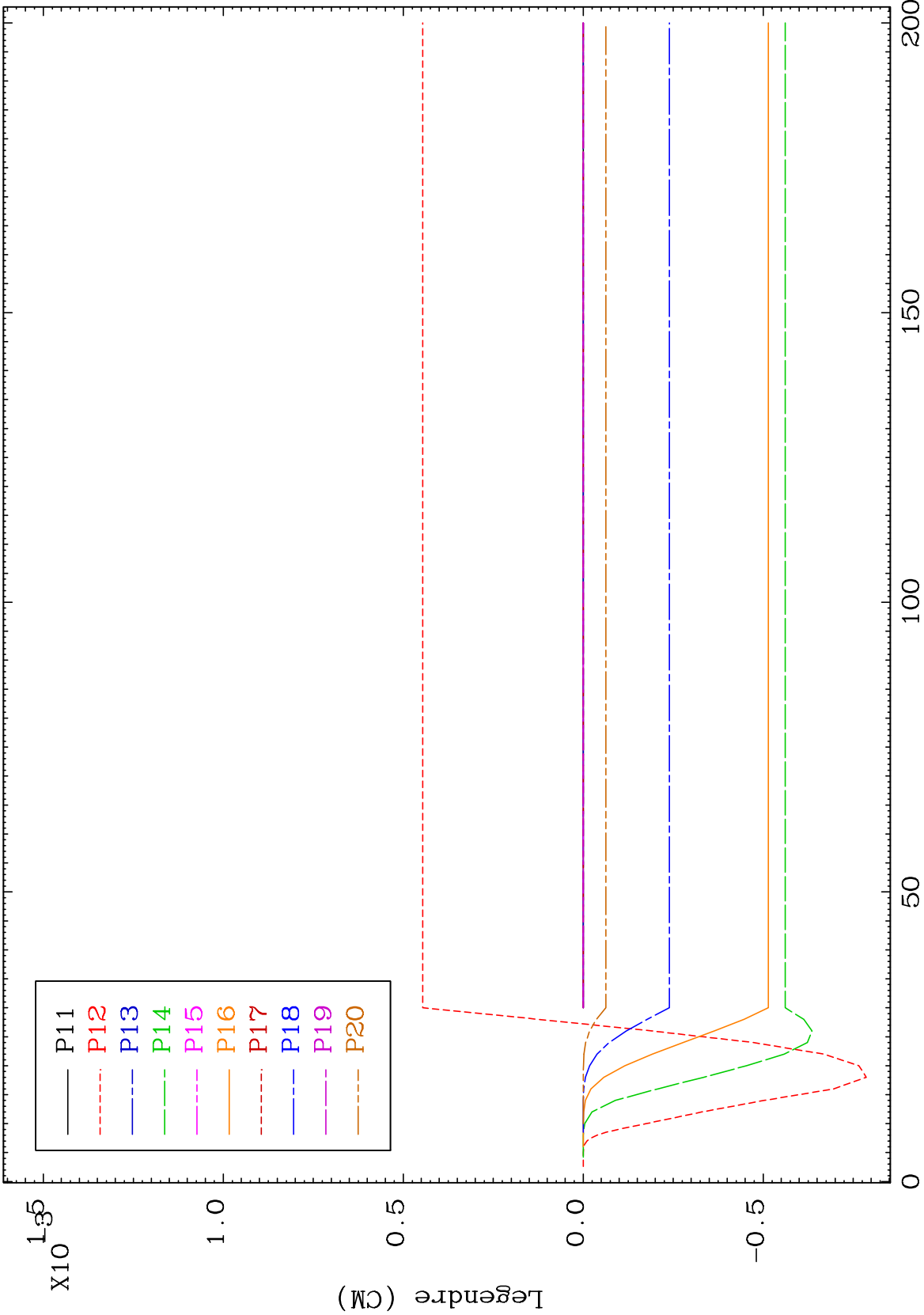
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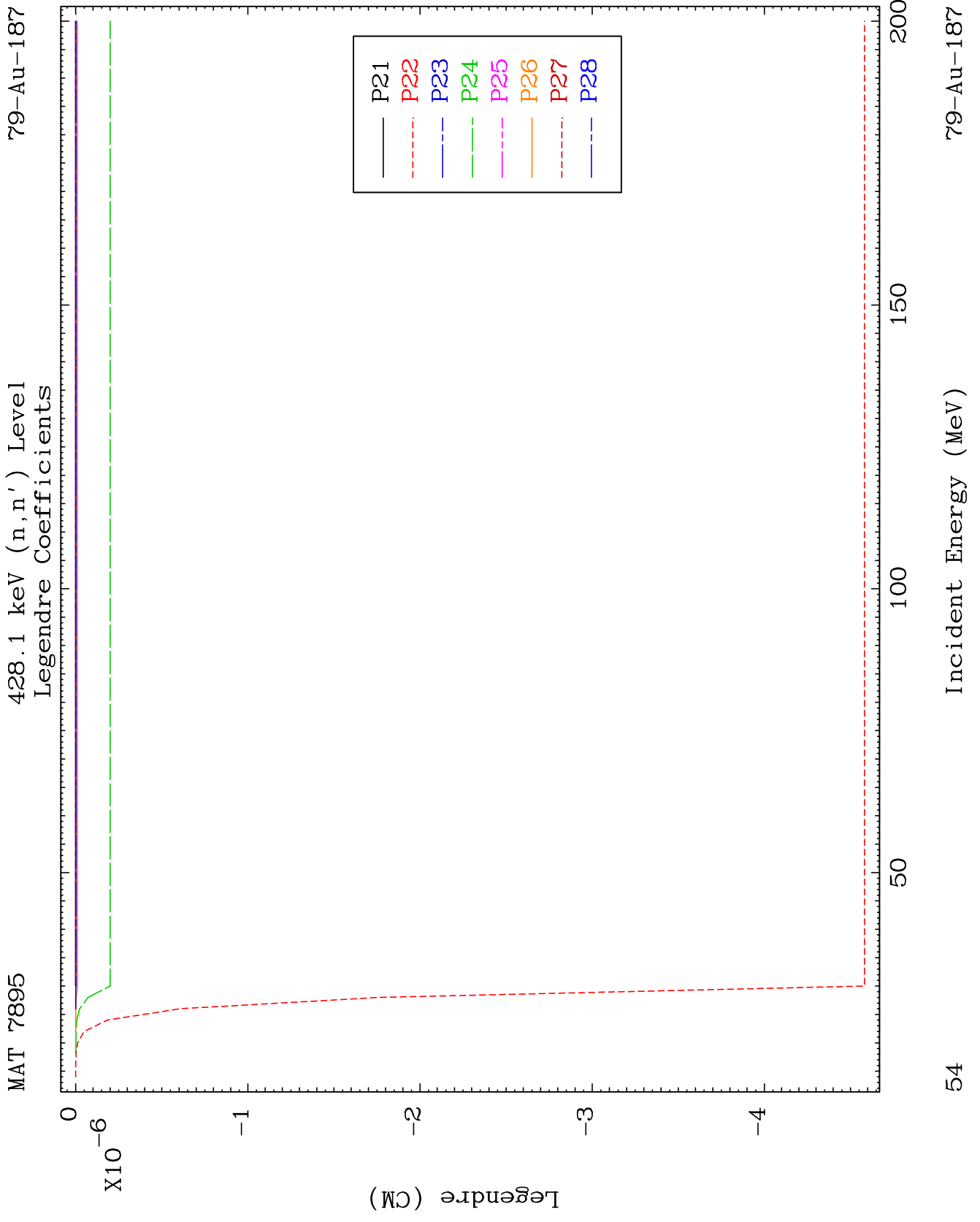
Incident Energy (MeV)

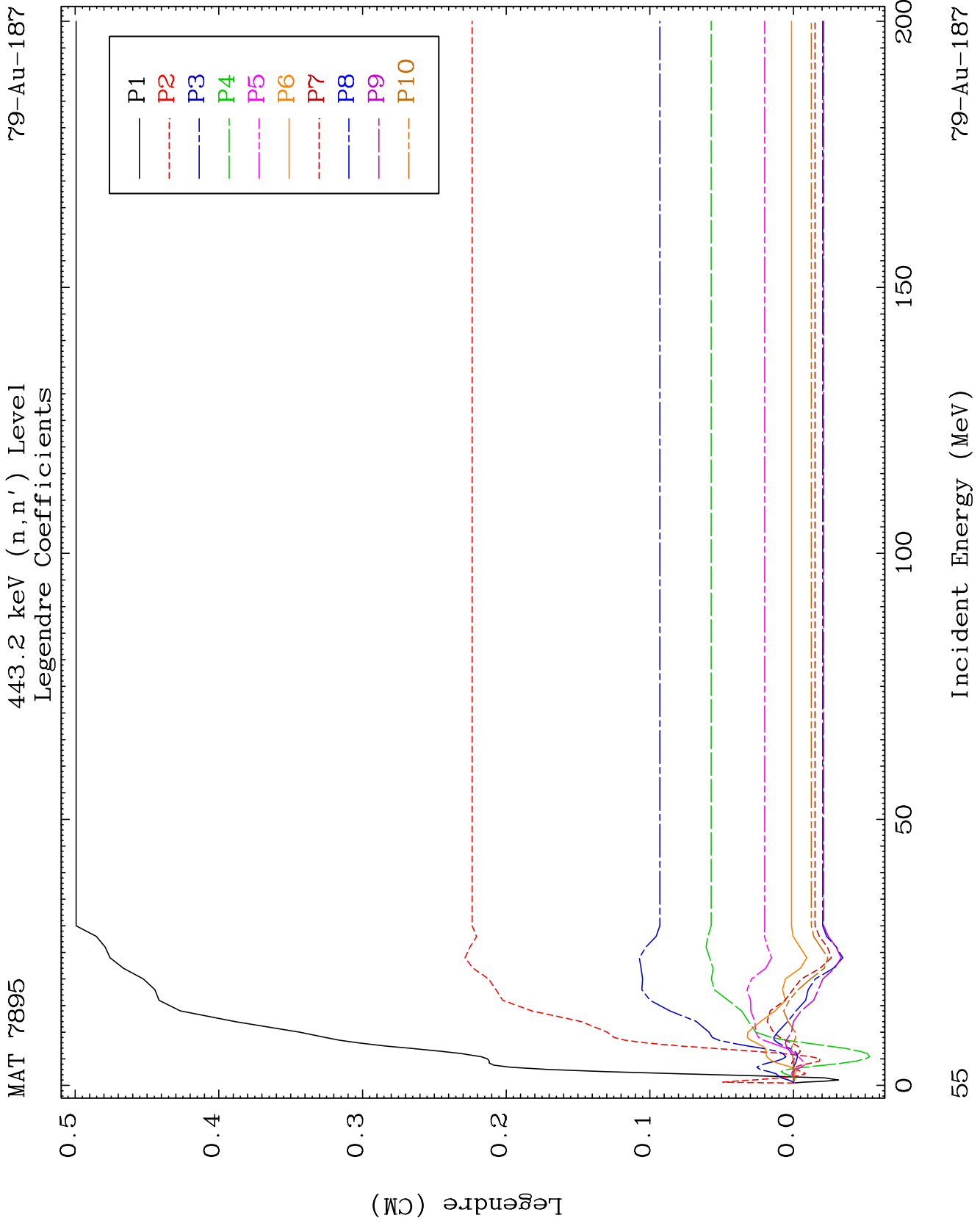
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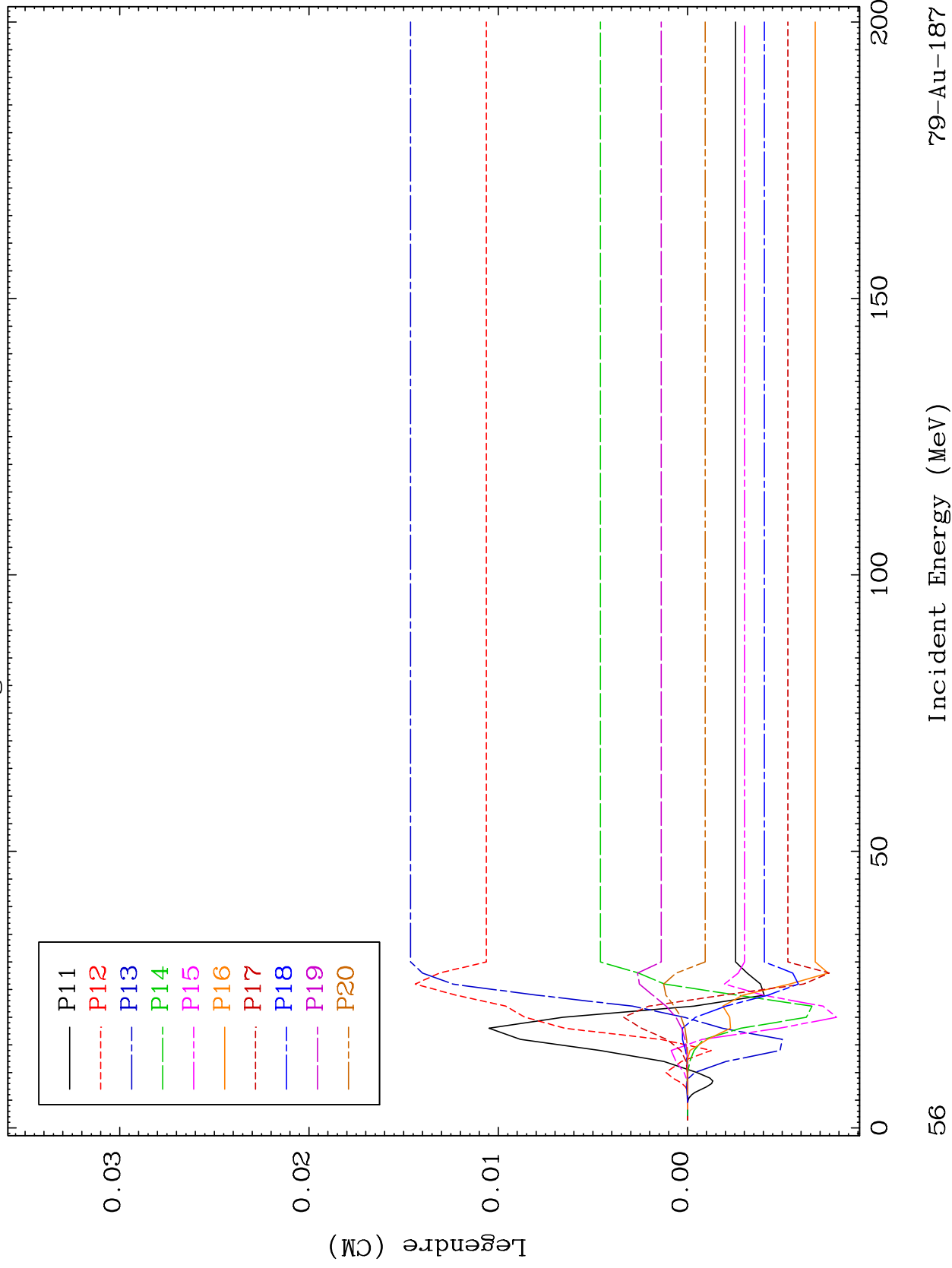


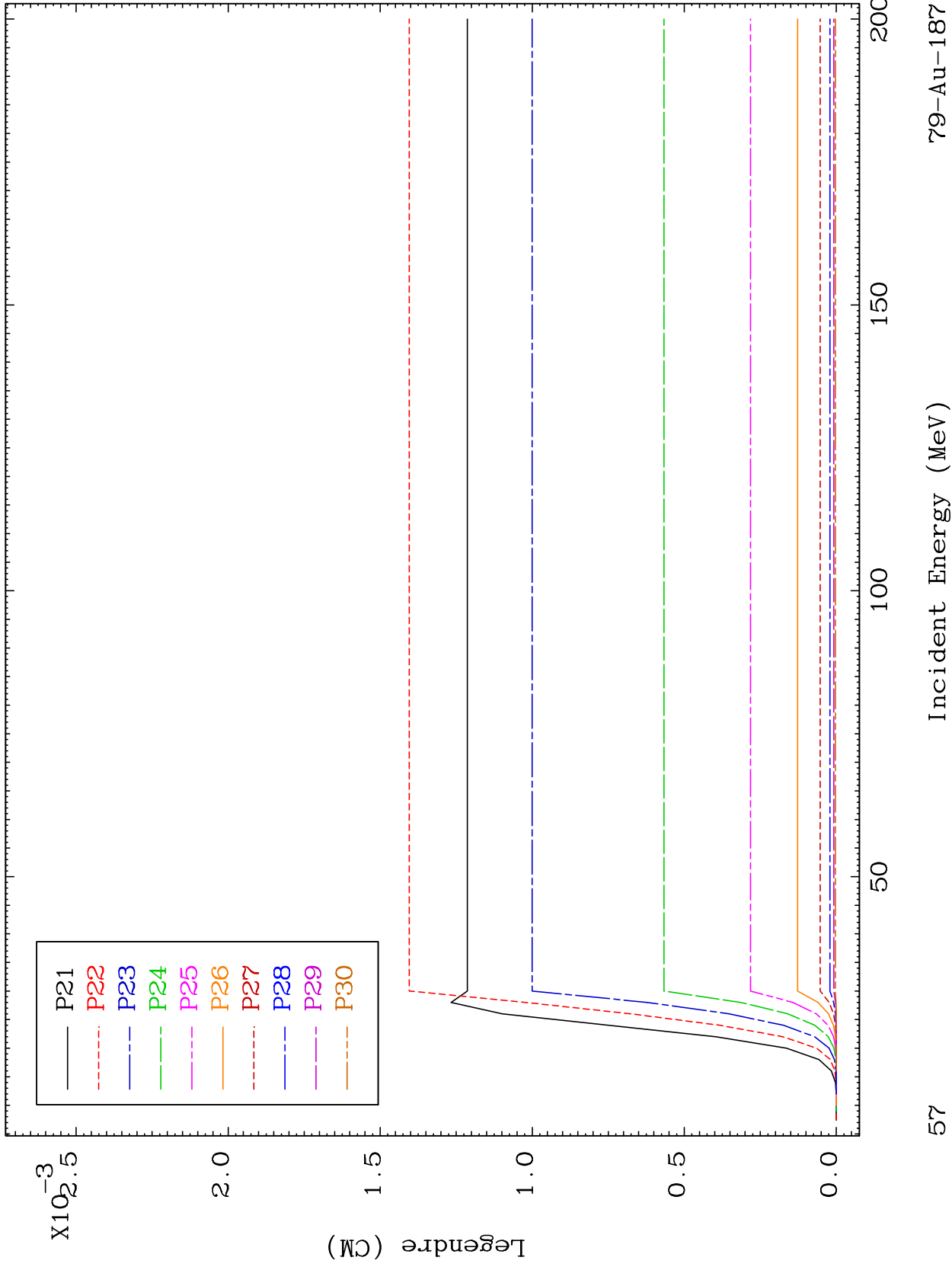








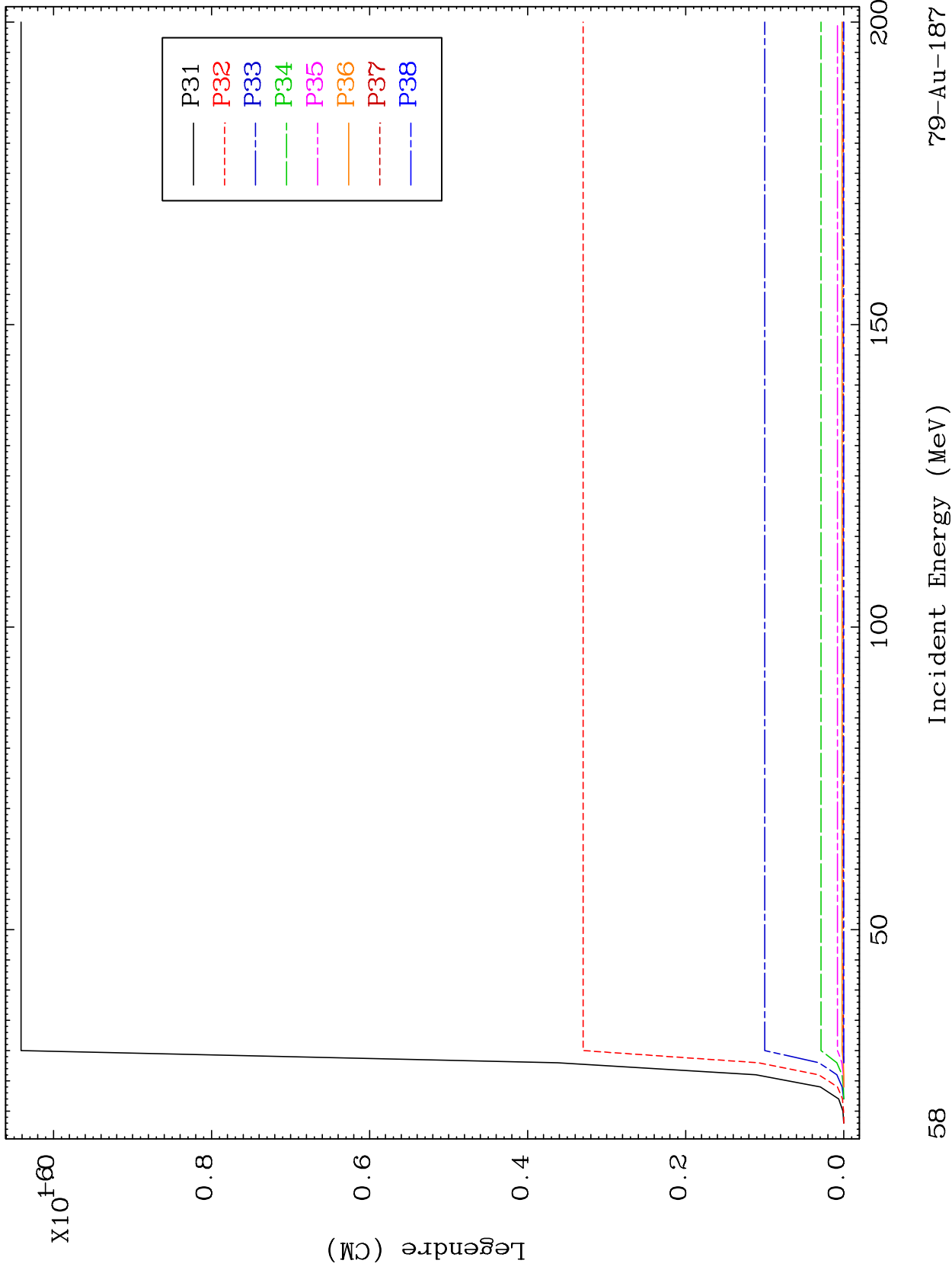




MAT 7895

443.2 keV (n,n') Level
Legendre Coefficients

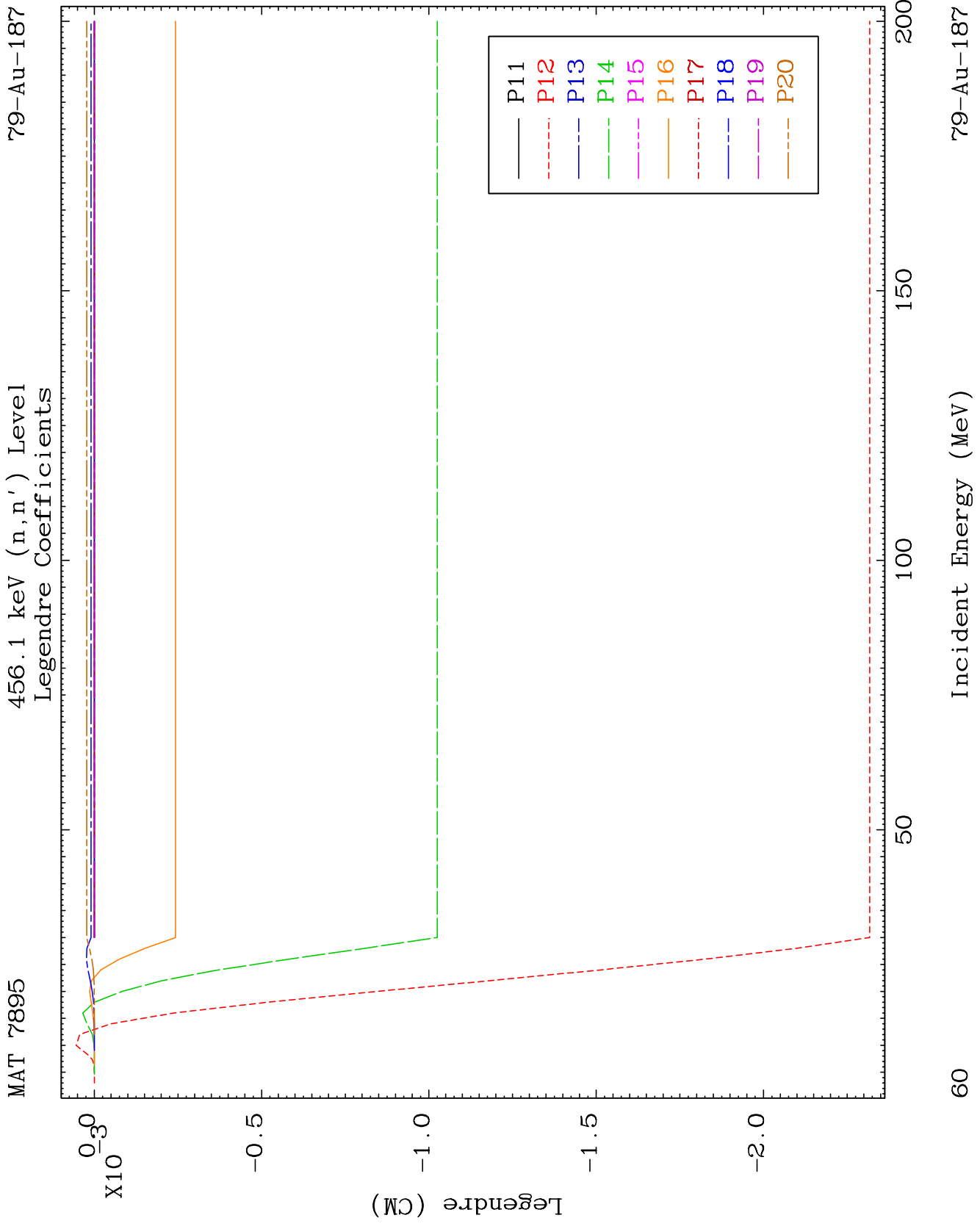
79-Au-187

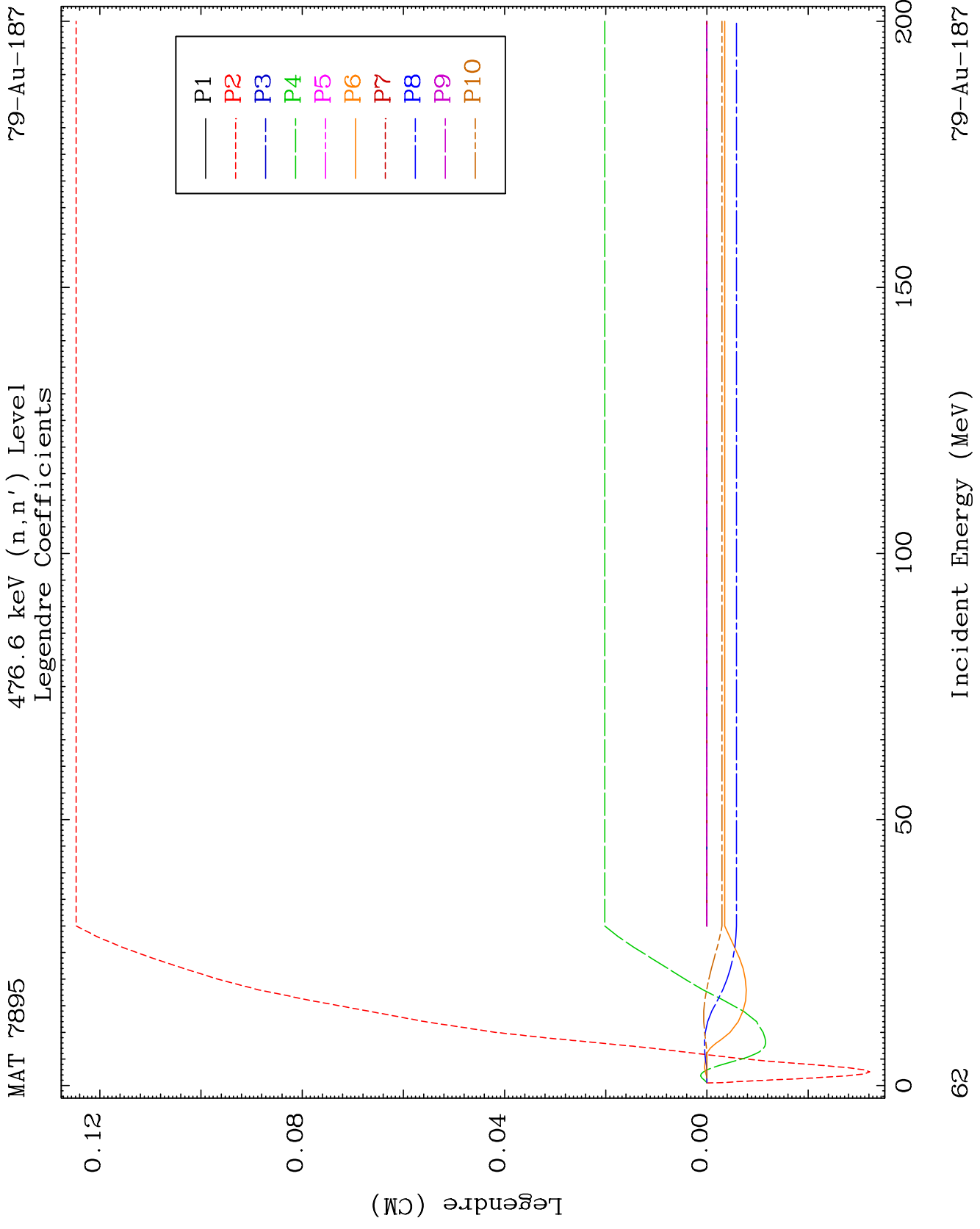


79-Au-187

Incident Energy (MeV)

58

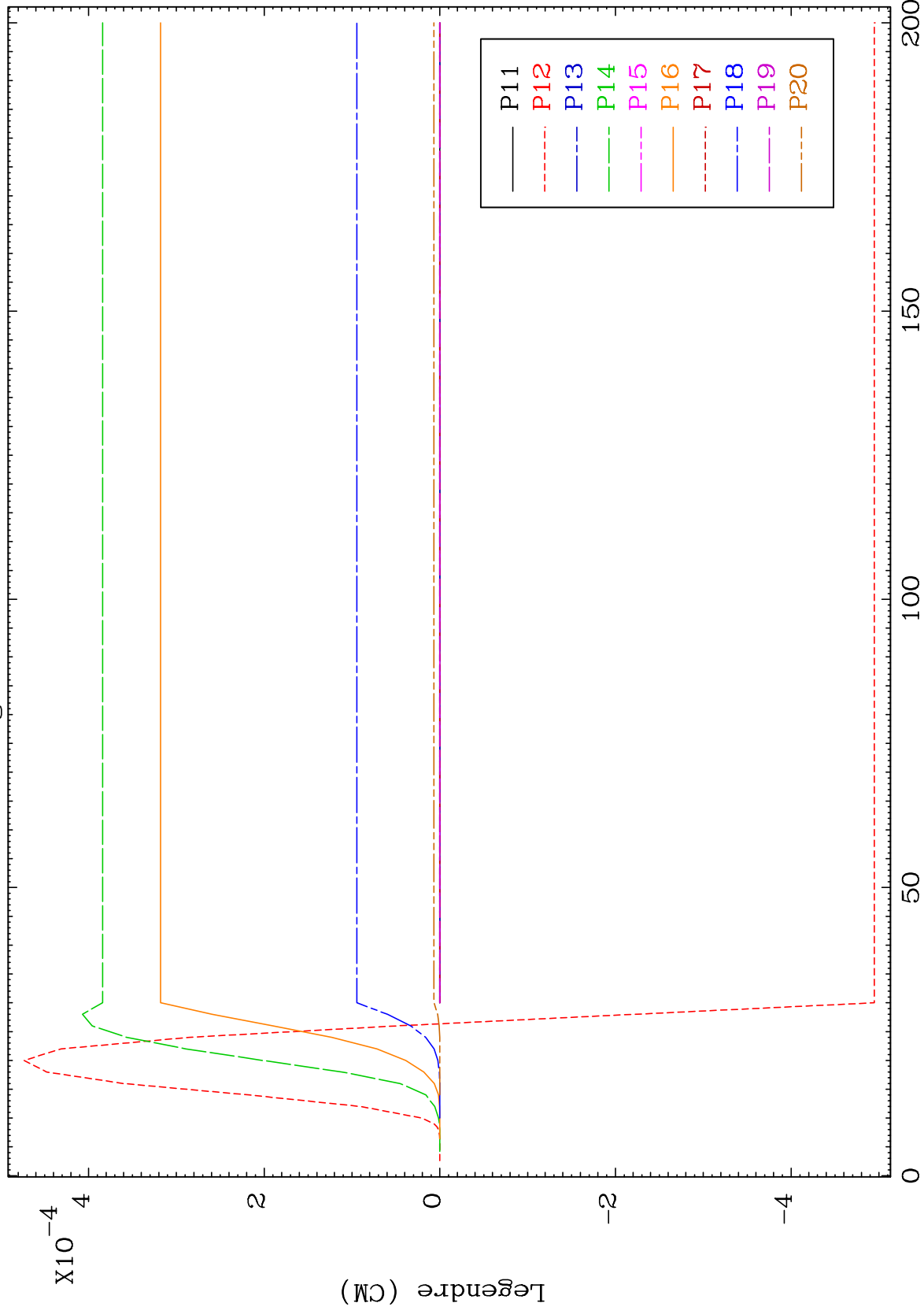




MAT 7895

476.6 keV (n,n') Level
Legendre Coefficients

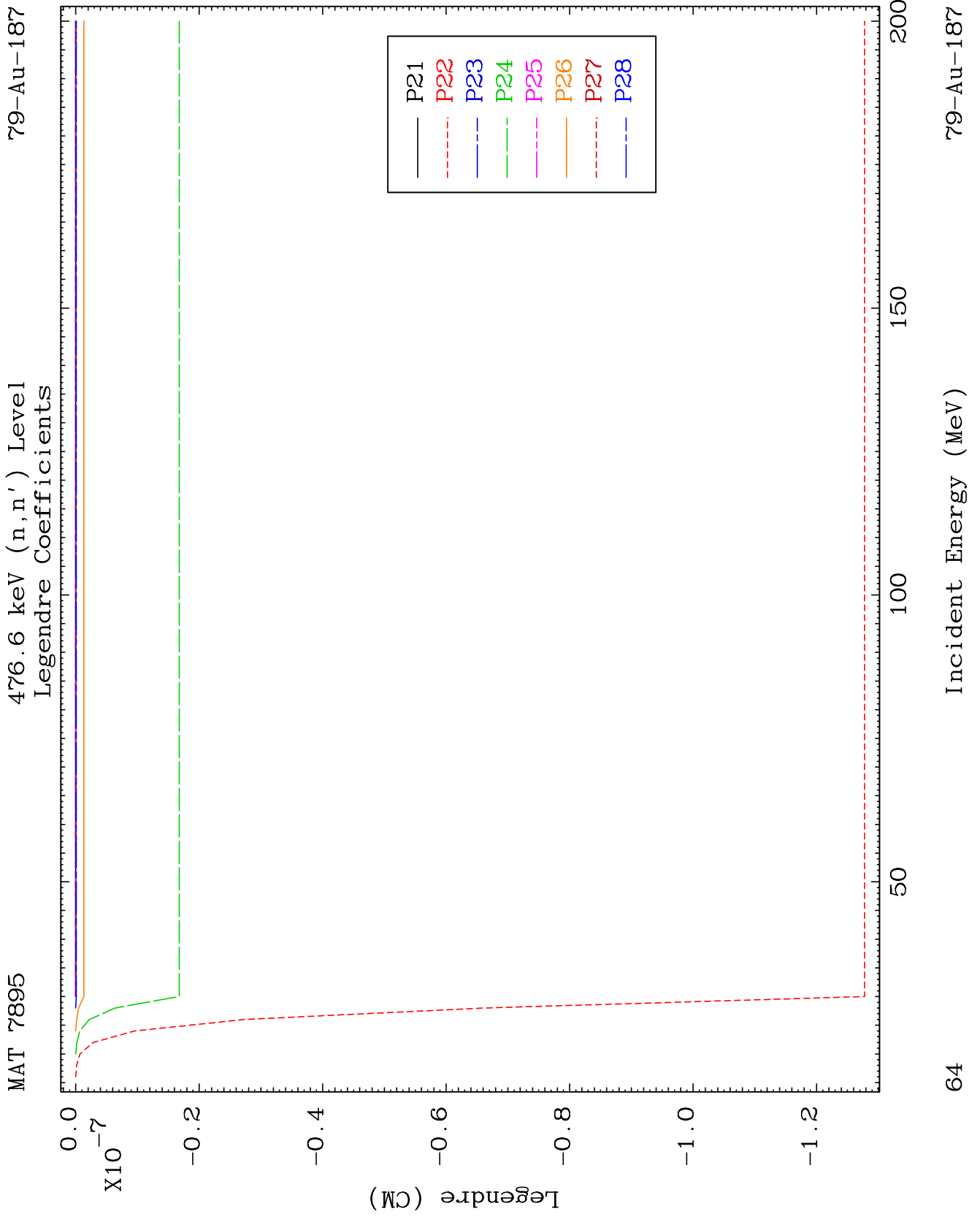
79-Au-187

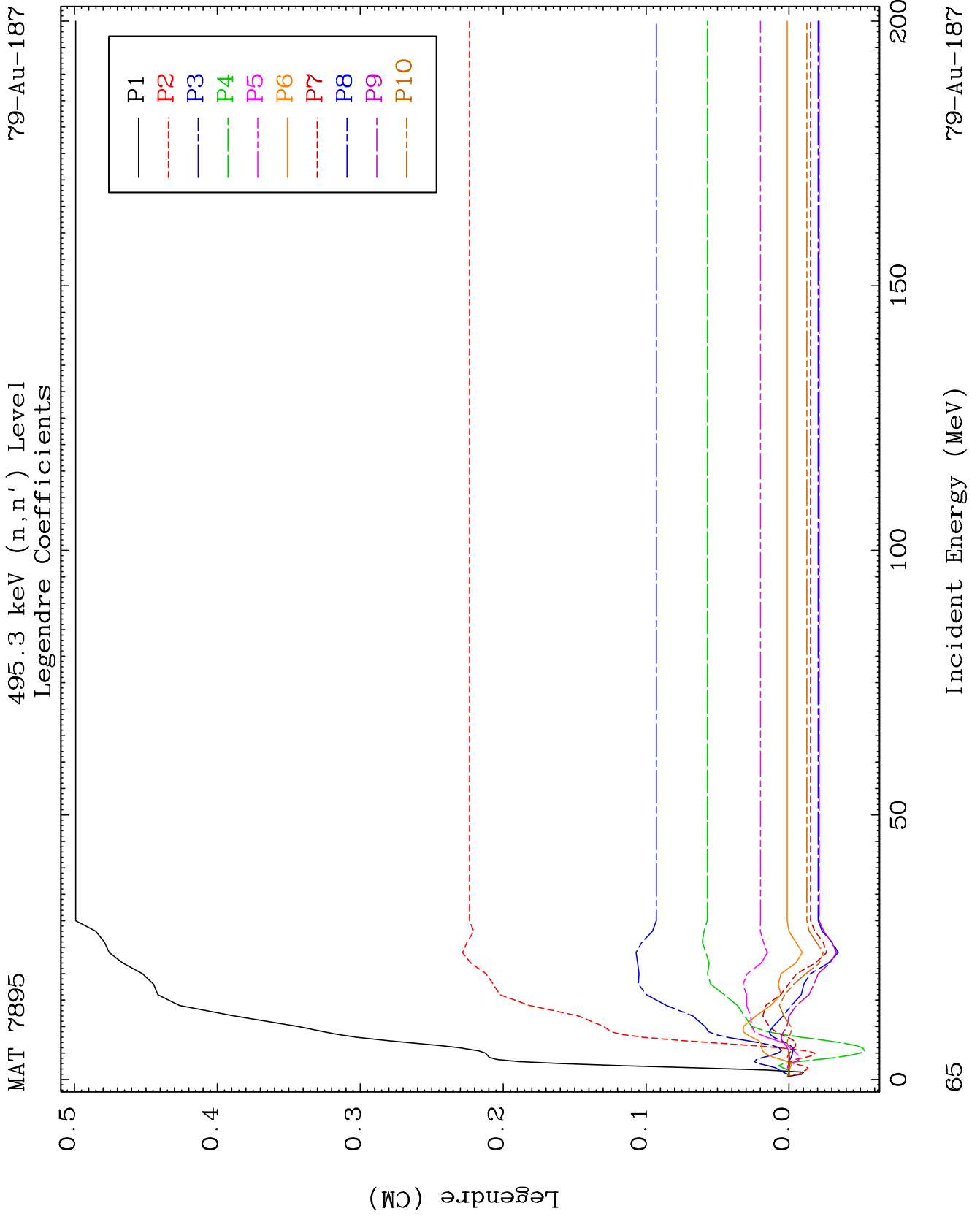


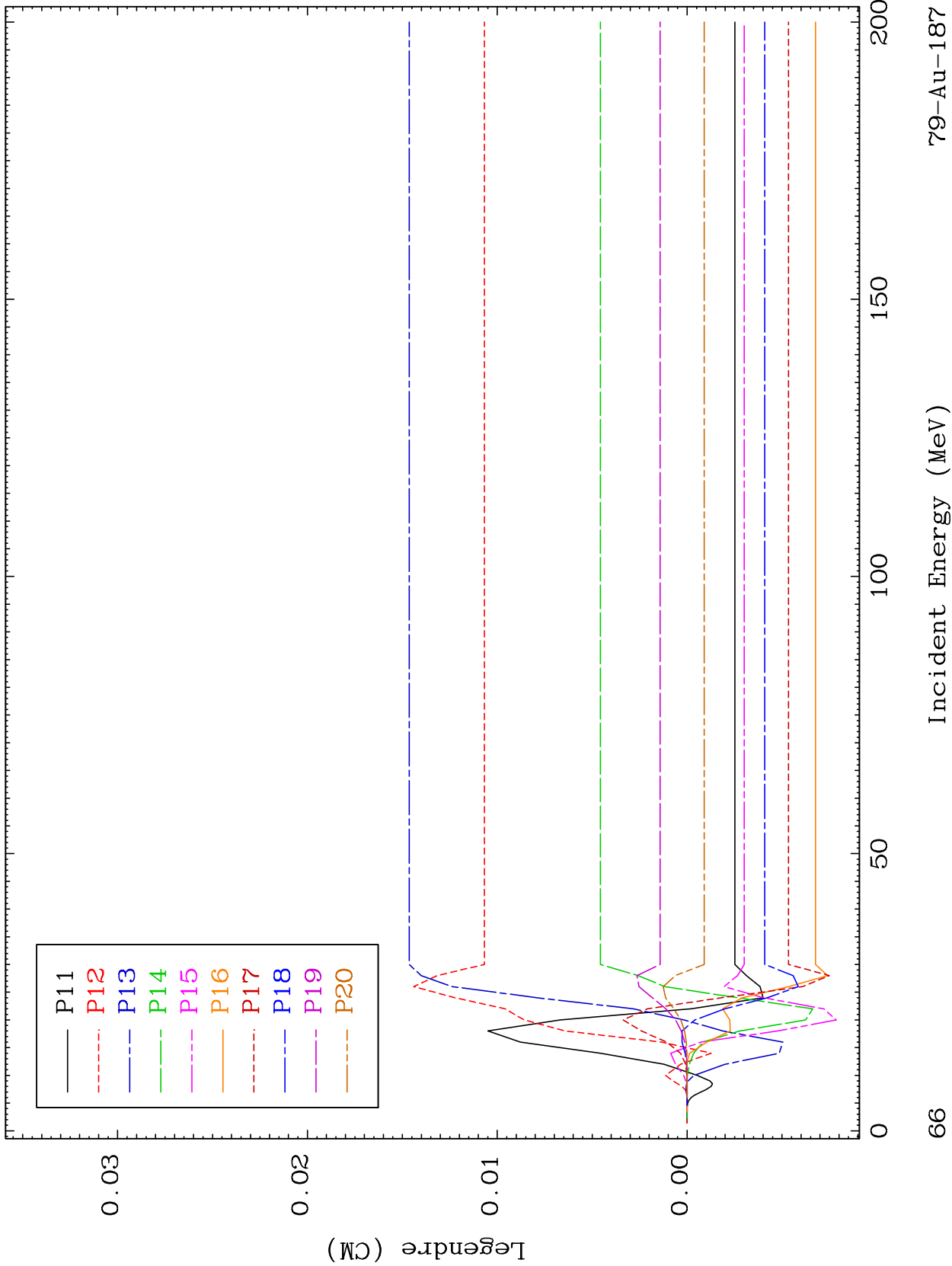
63

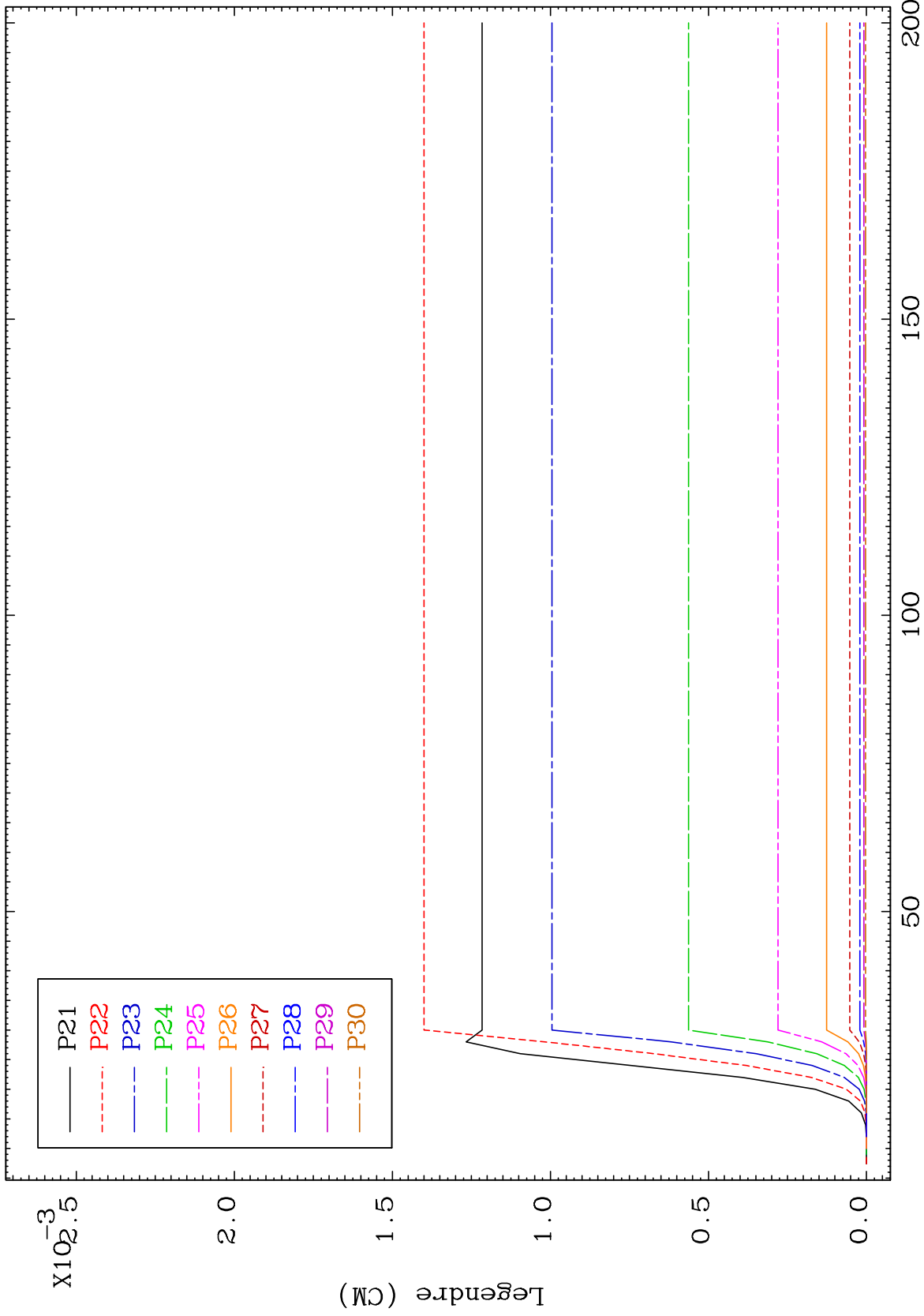
Incident Energy (MeV)

79-Au-187





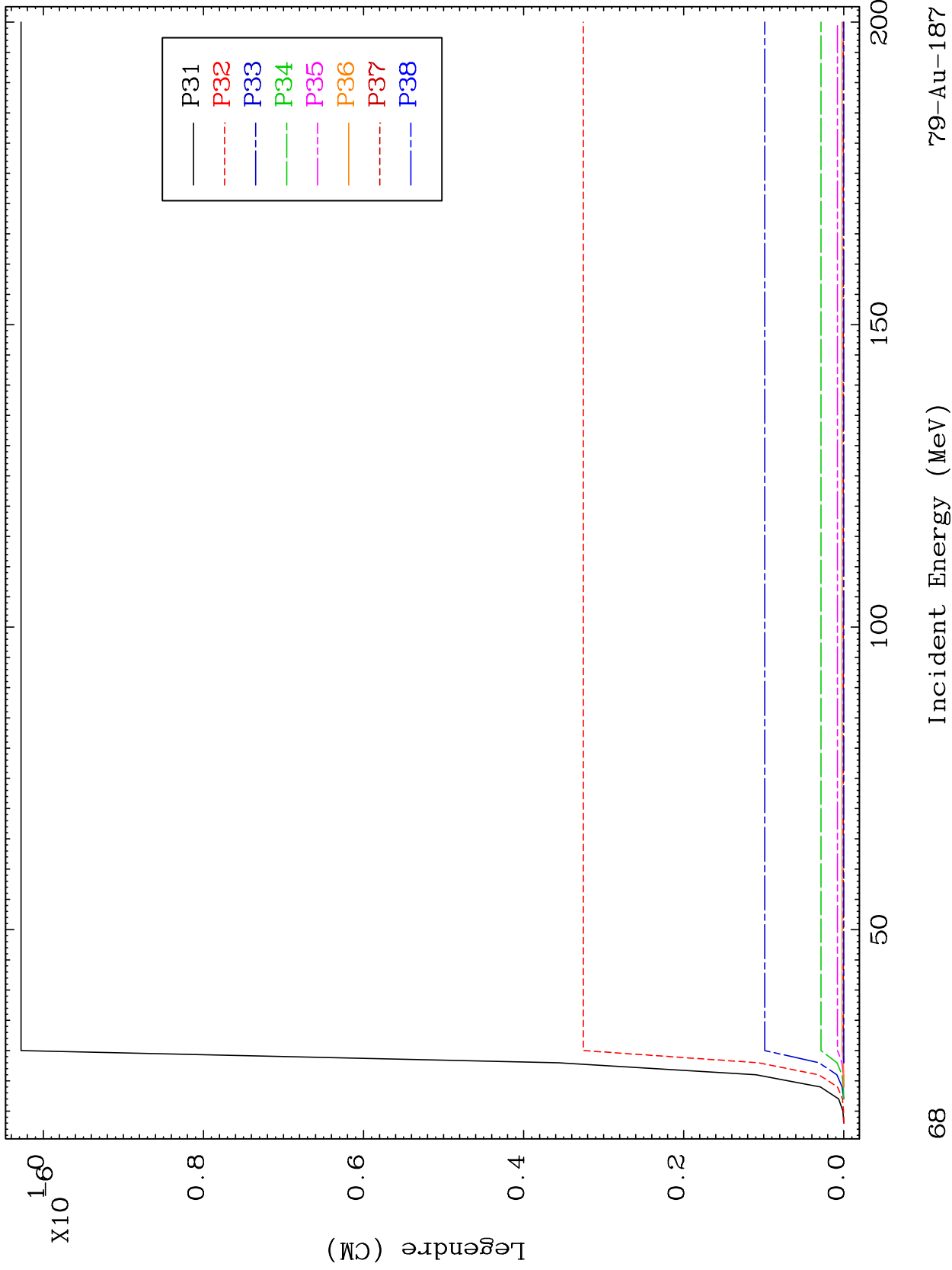




MAT 7895

495.3 keV (n,n') Level
Legendre Coefficients

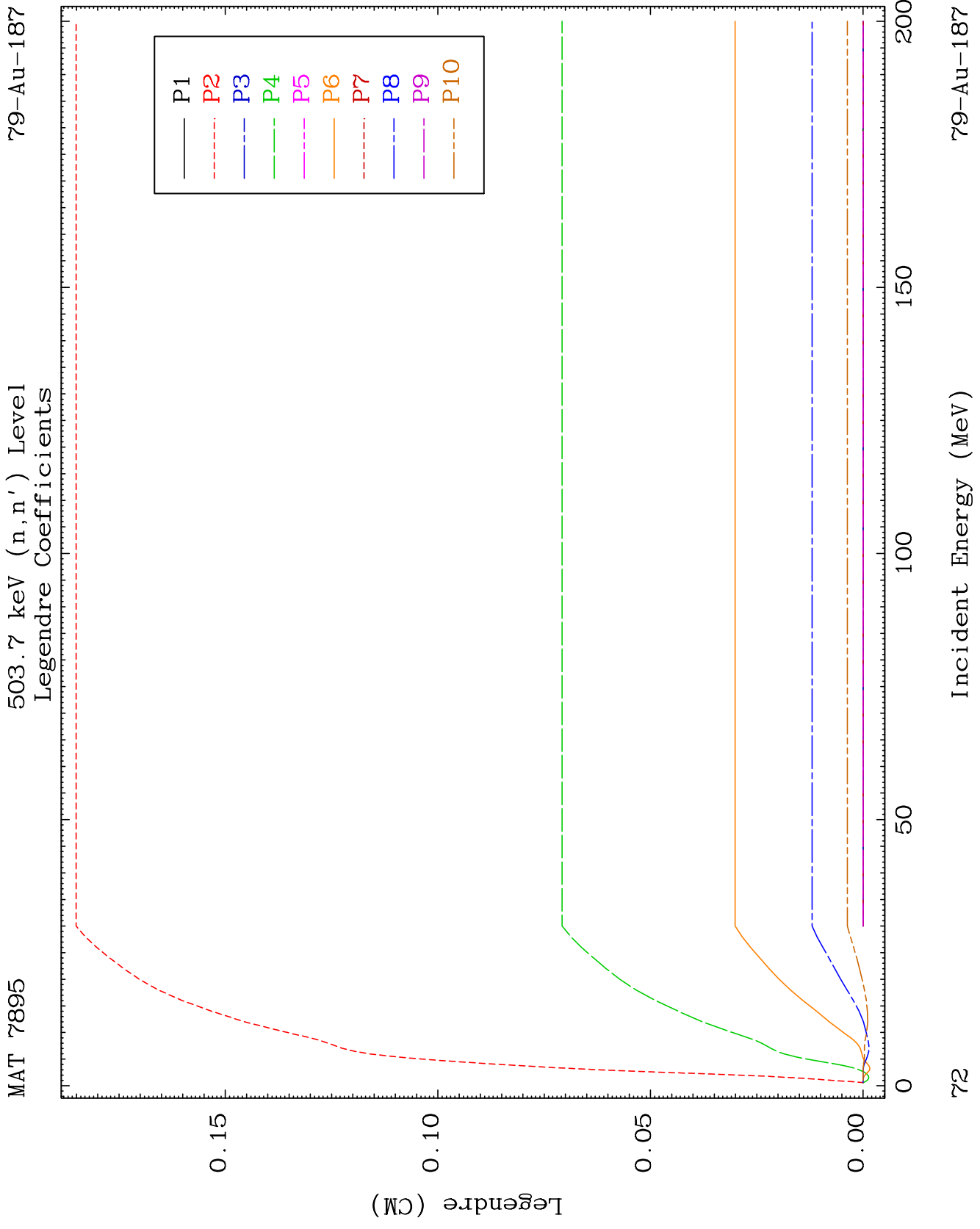
79-Au-187



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Incident Energy (MeV)

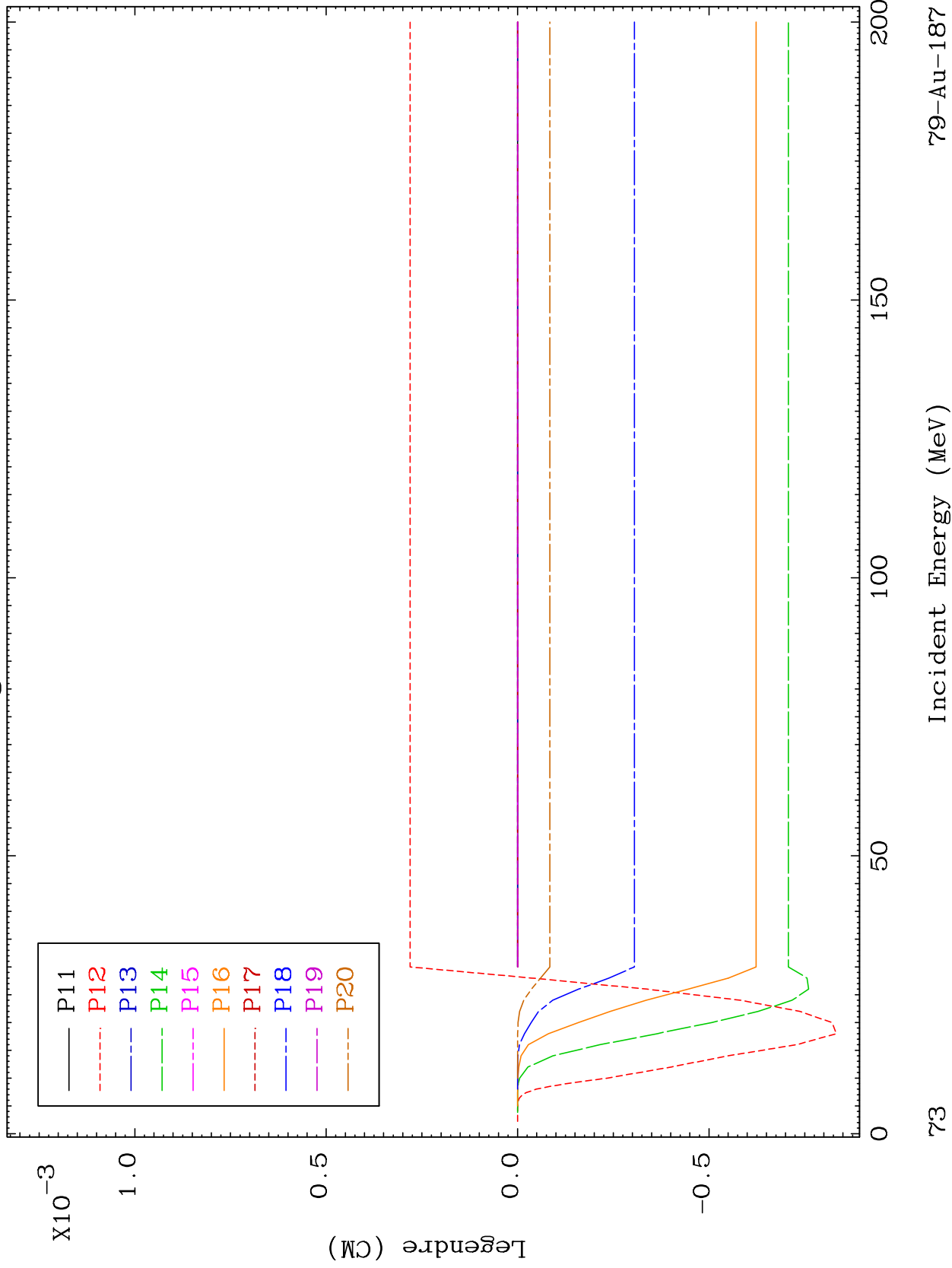
79-Au-187



MAT 7895

503.7 keV (n,n') Level
Legendre Coefficients

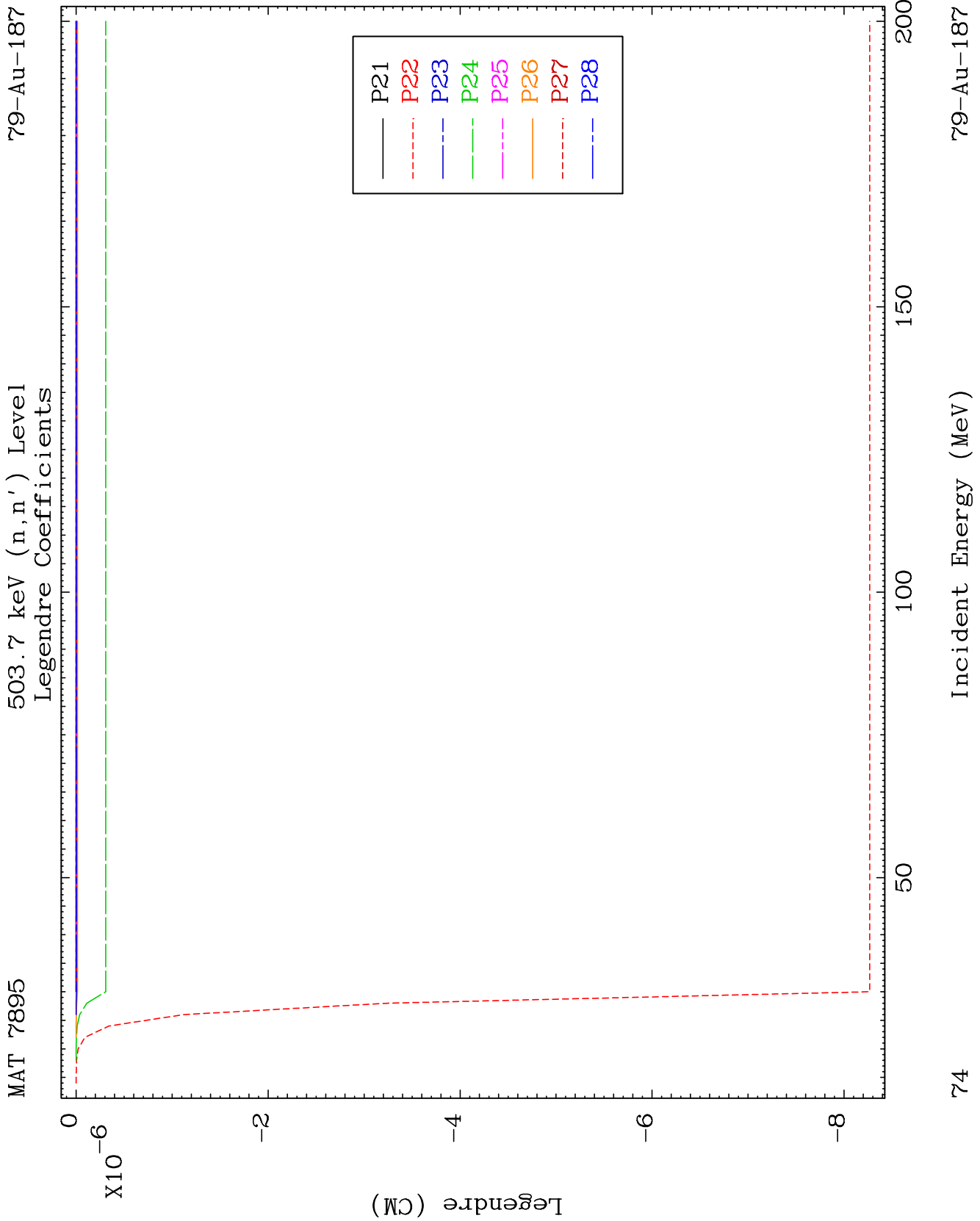
79-Au-187

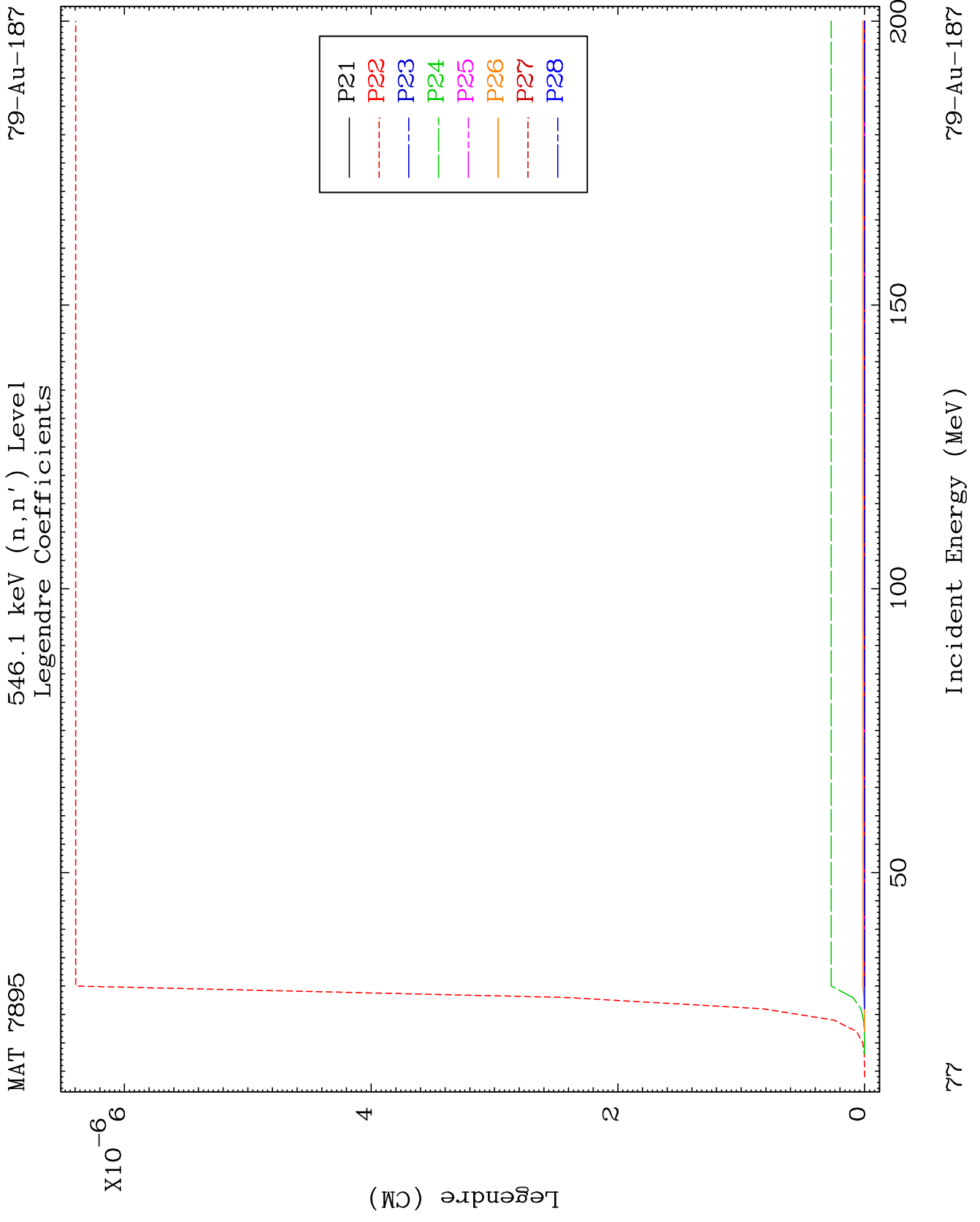


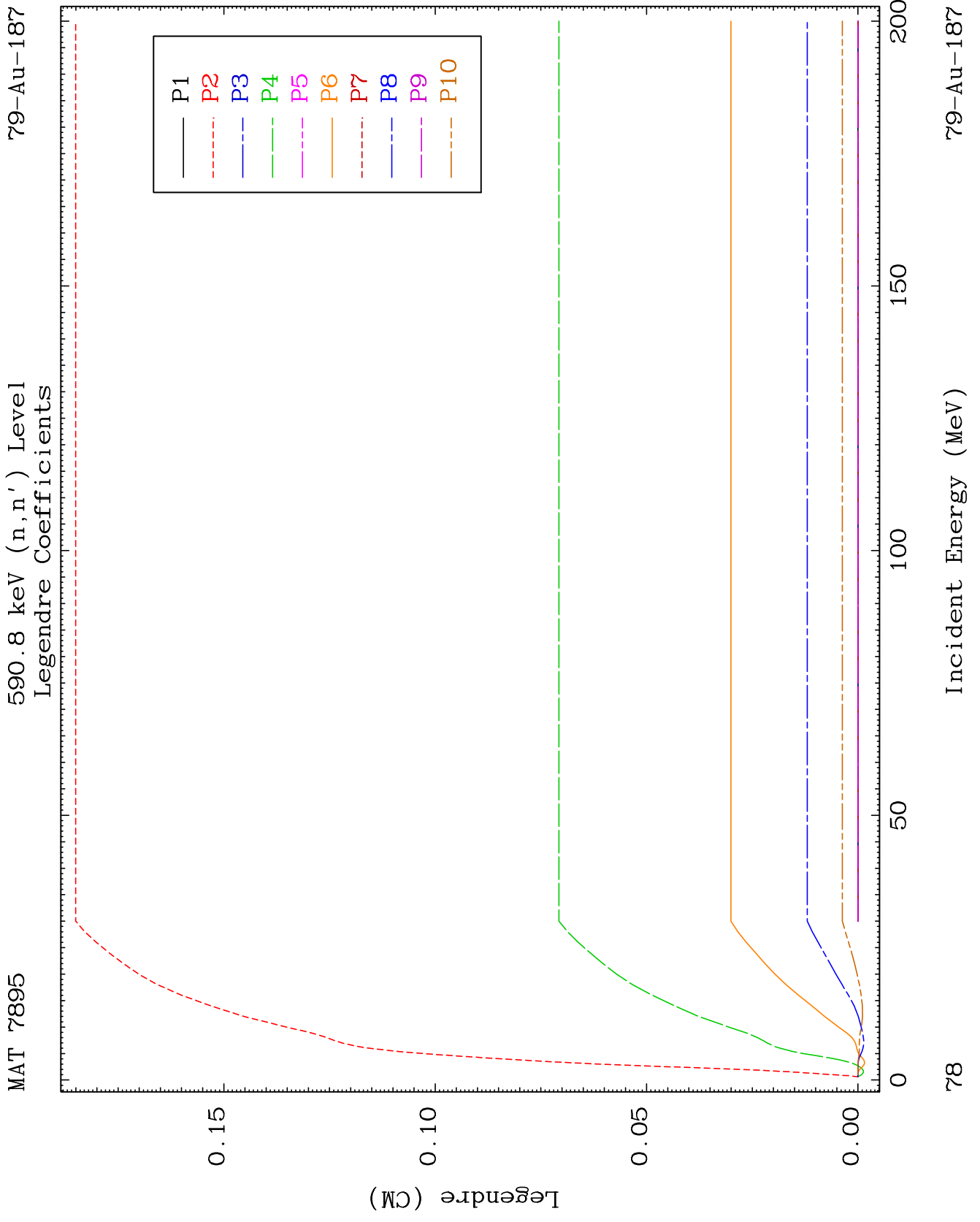
73

Incident Energy (MeV)

79-Au-187



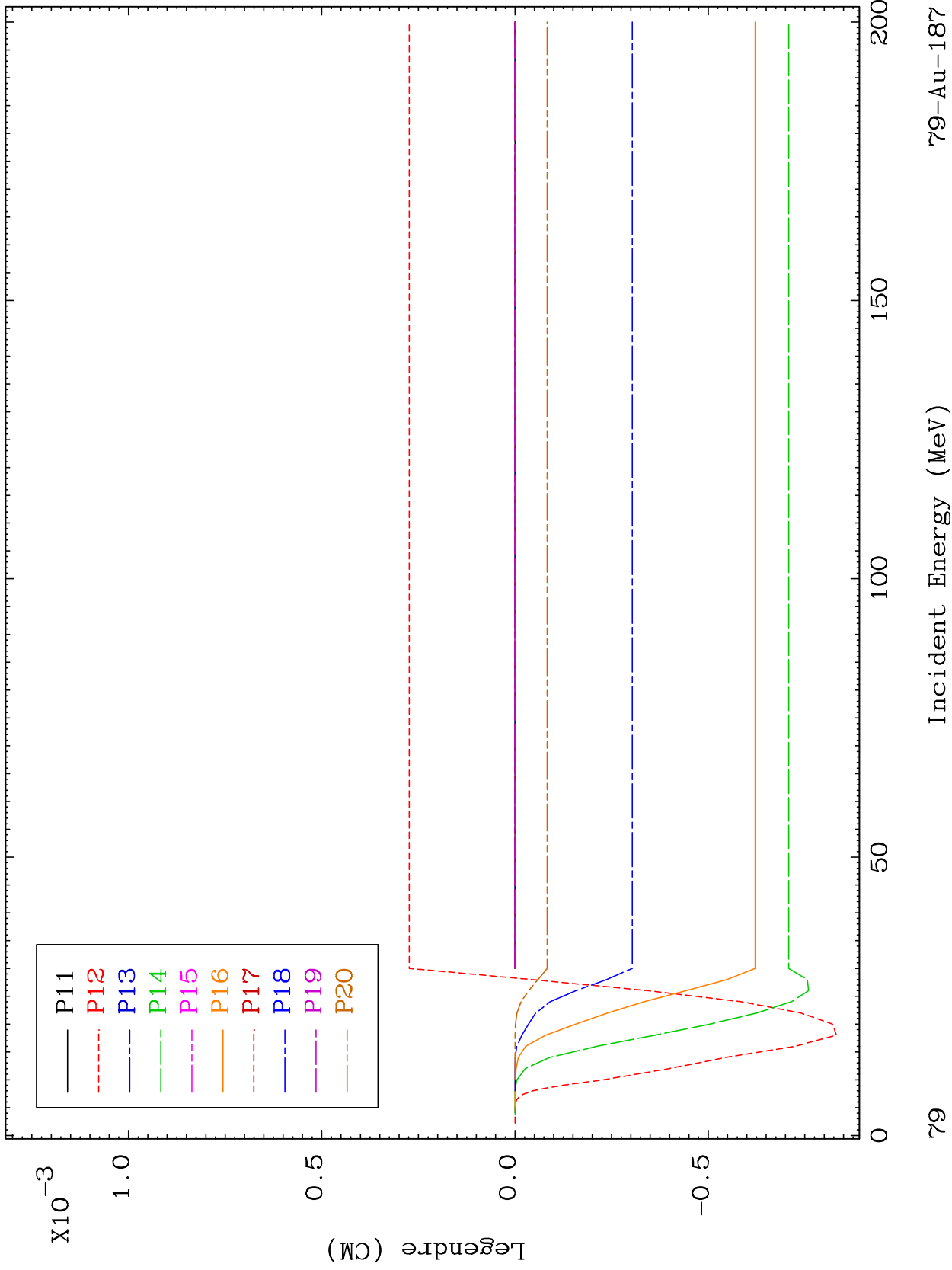


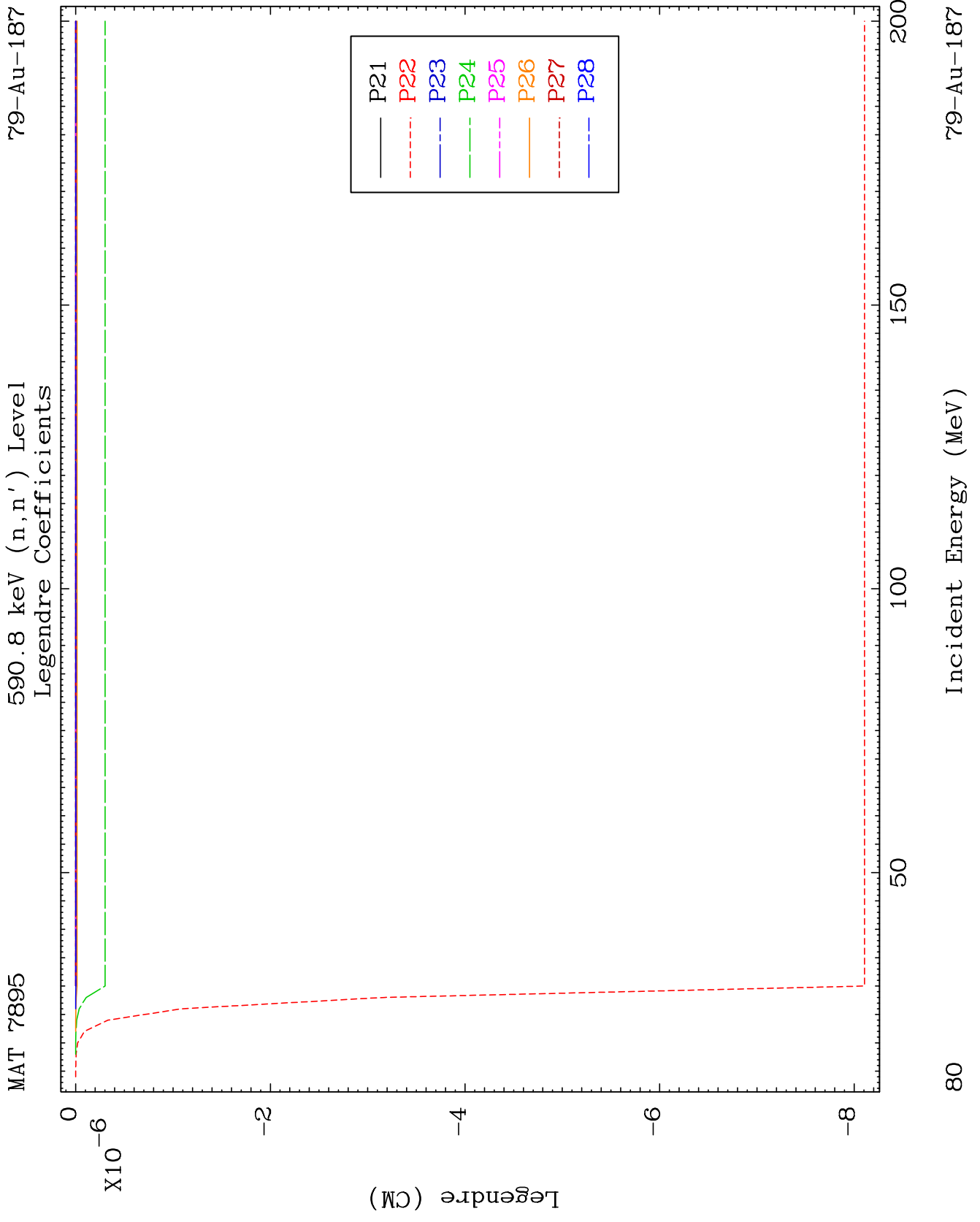


MAT 7895

590.8 keV (n, n') Level
Legendre Coefficients

79-Au-187

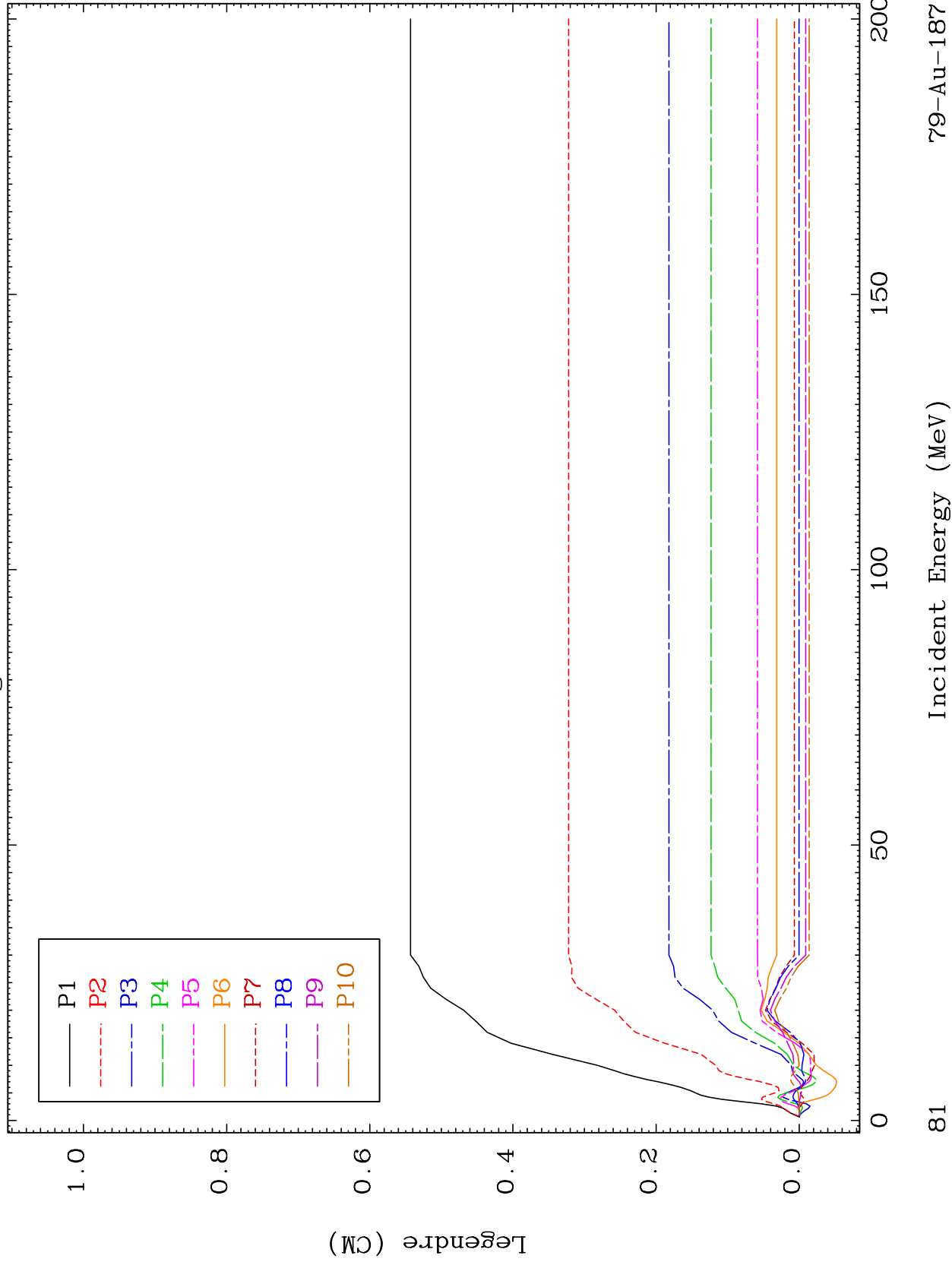




MAT 7895

595.3 keV (n,n') Level
Legendre Coefficients

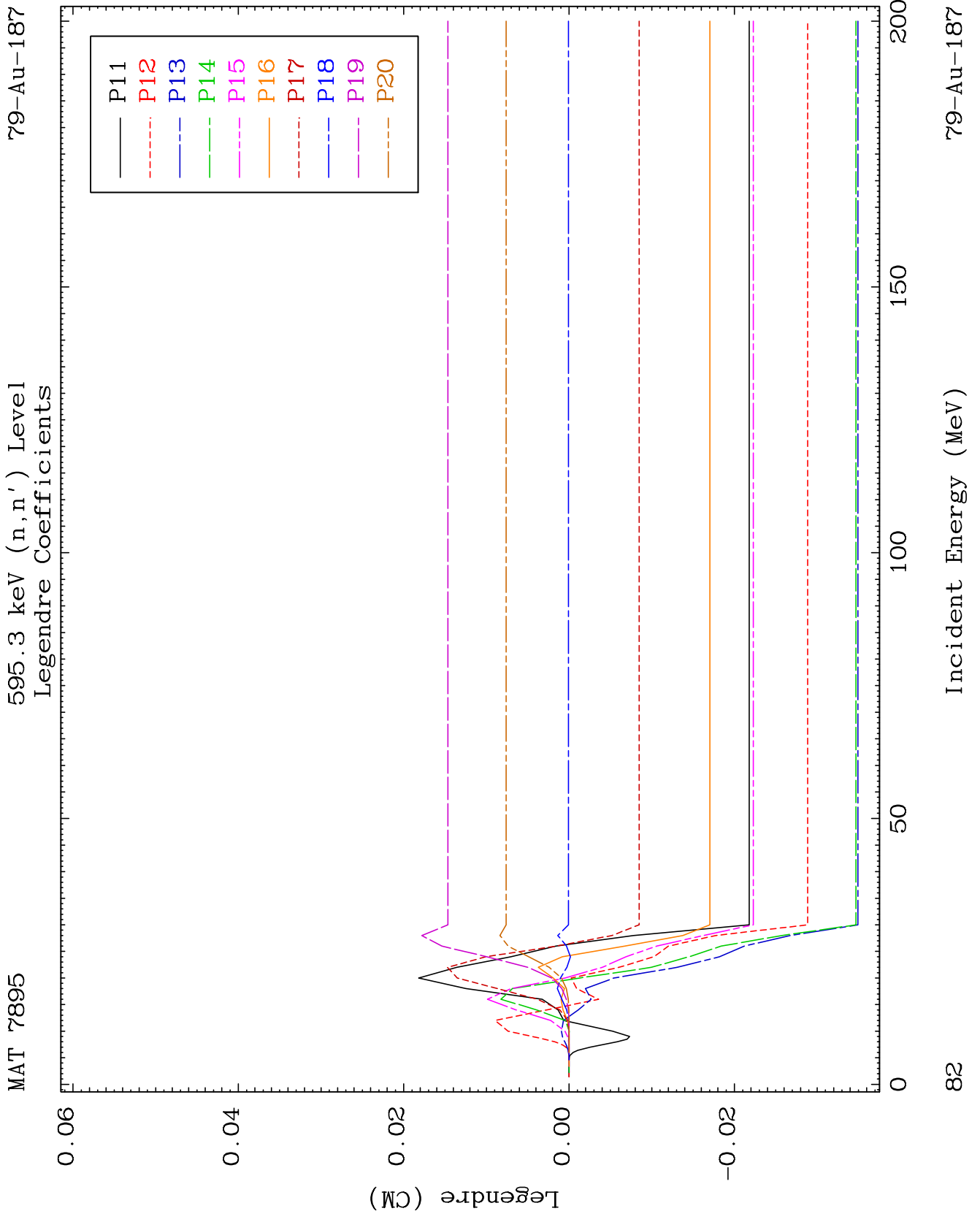
79-Au-187

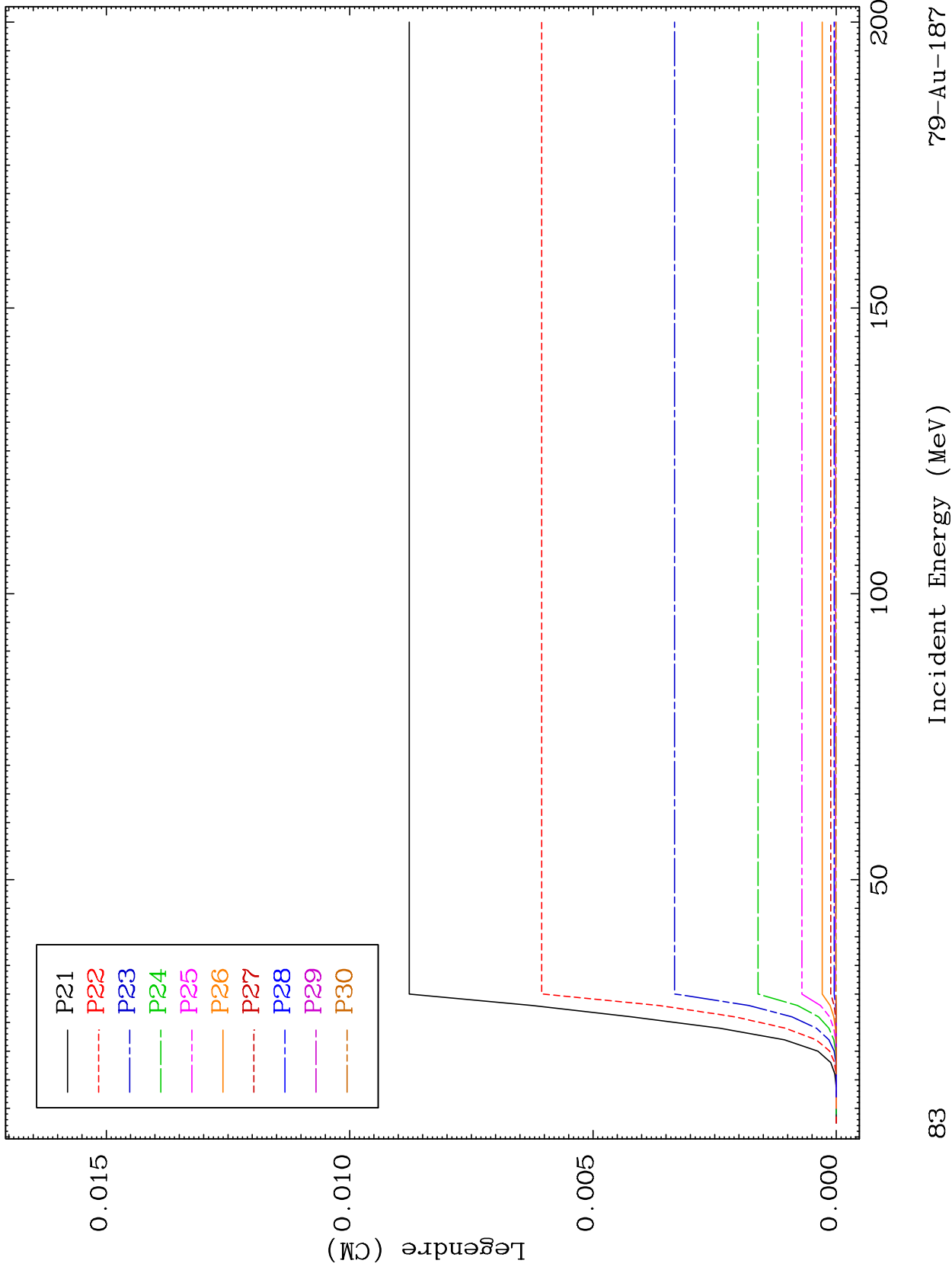


81

Incident Energy (MeV)

79-Au-187

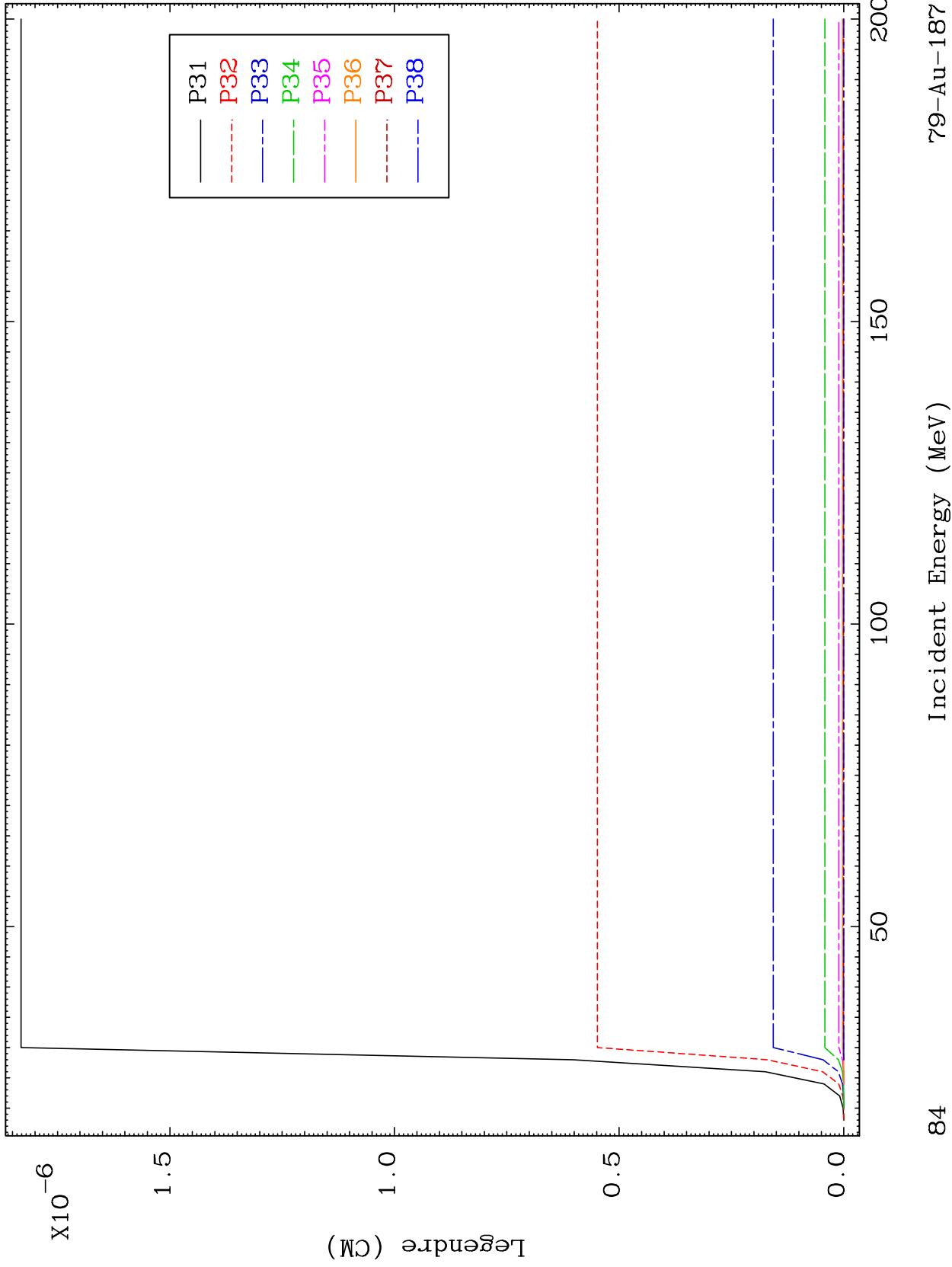




MAT 7895

595.3 keV (n,n') Level
Legendre Coefficients

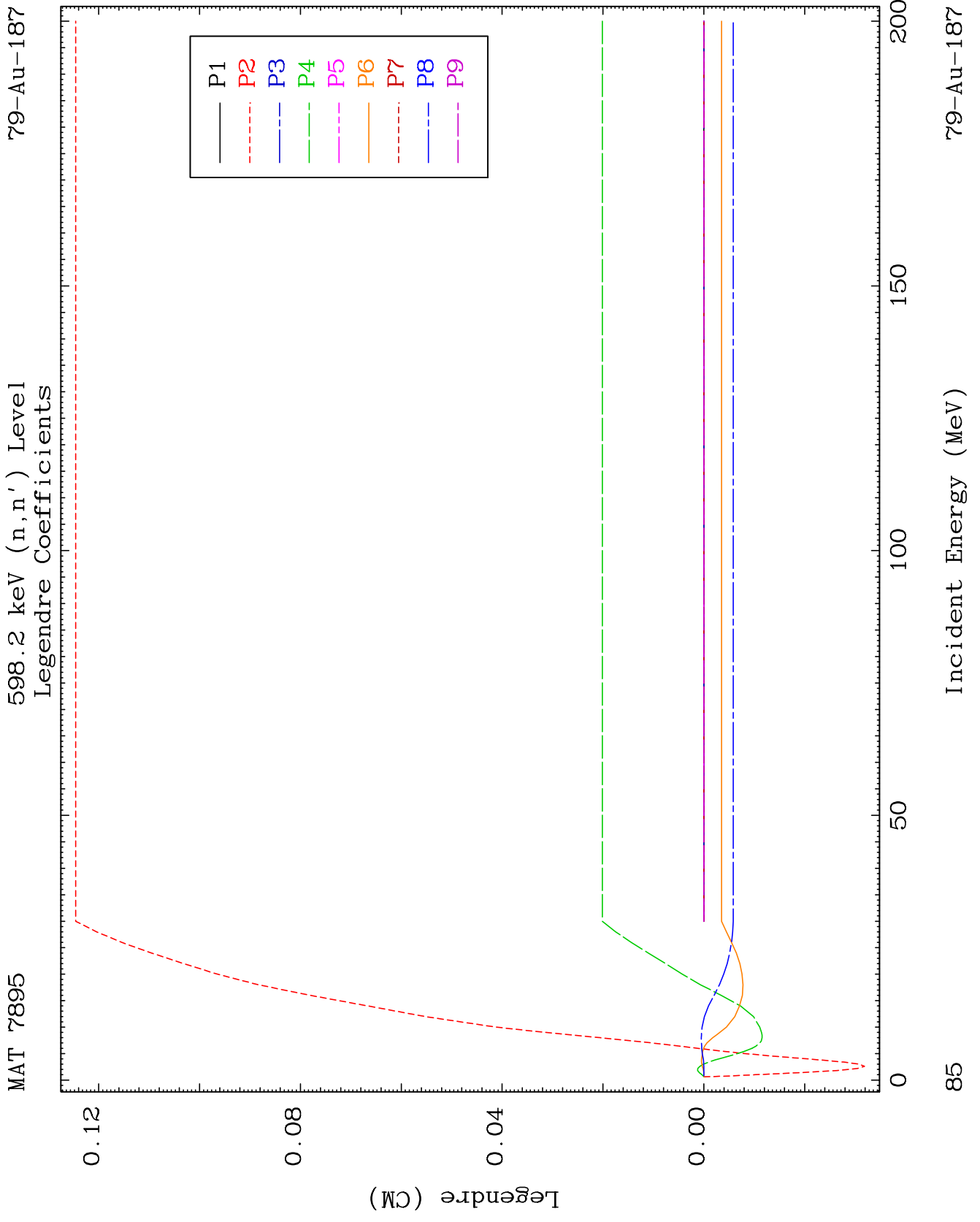
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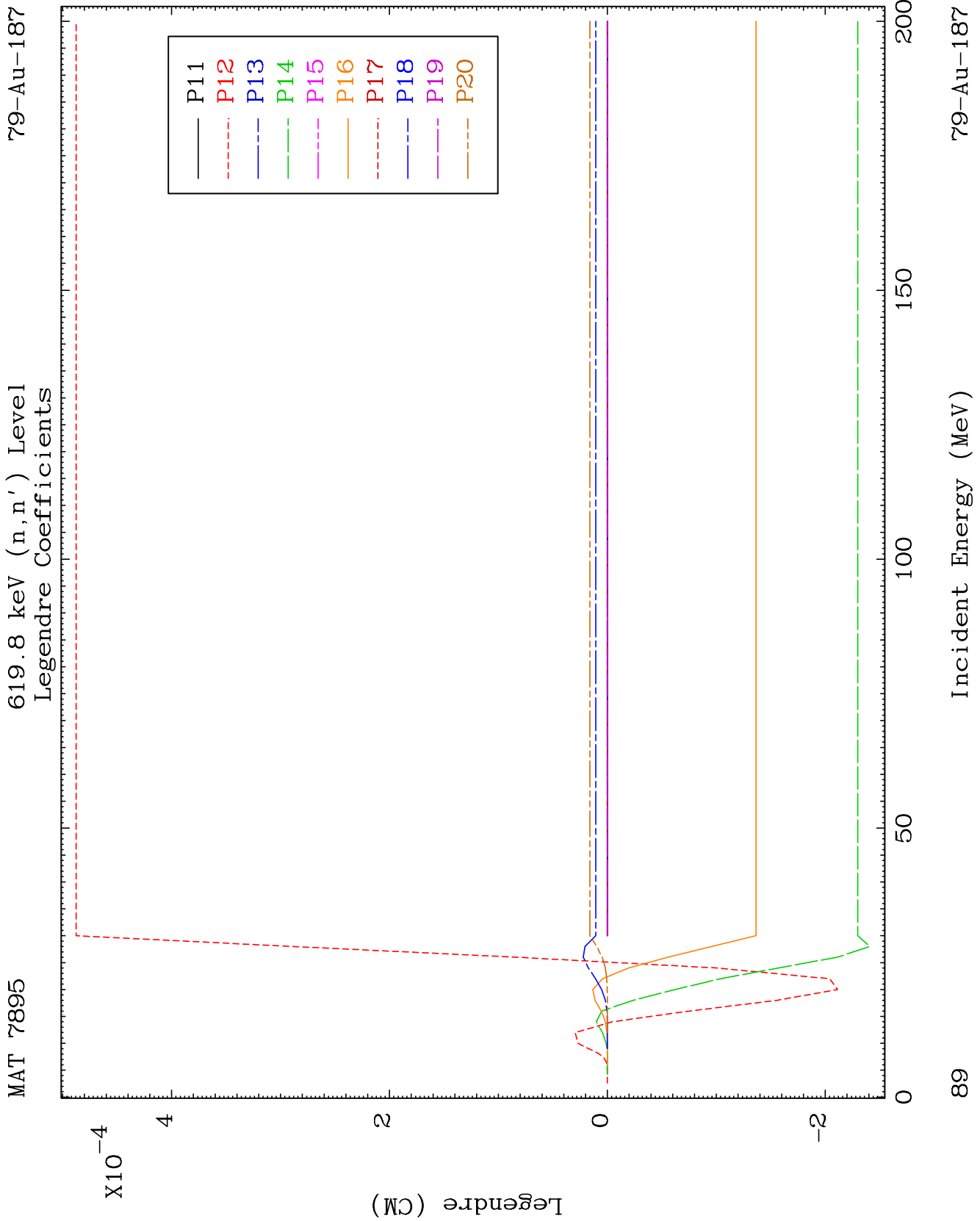


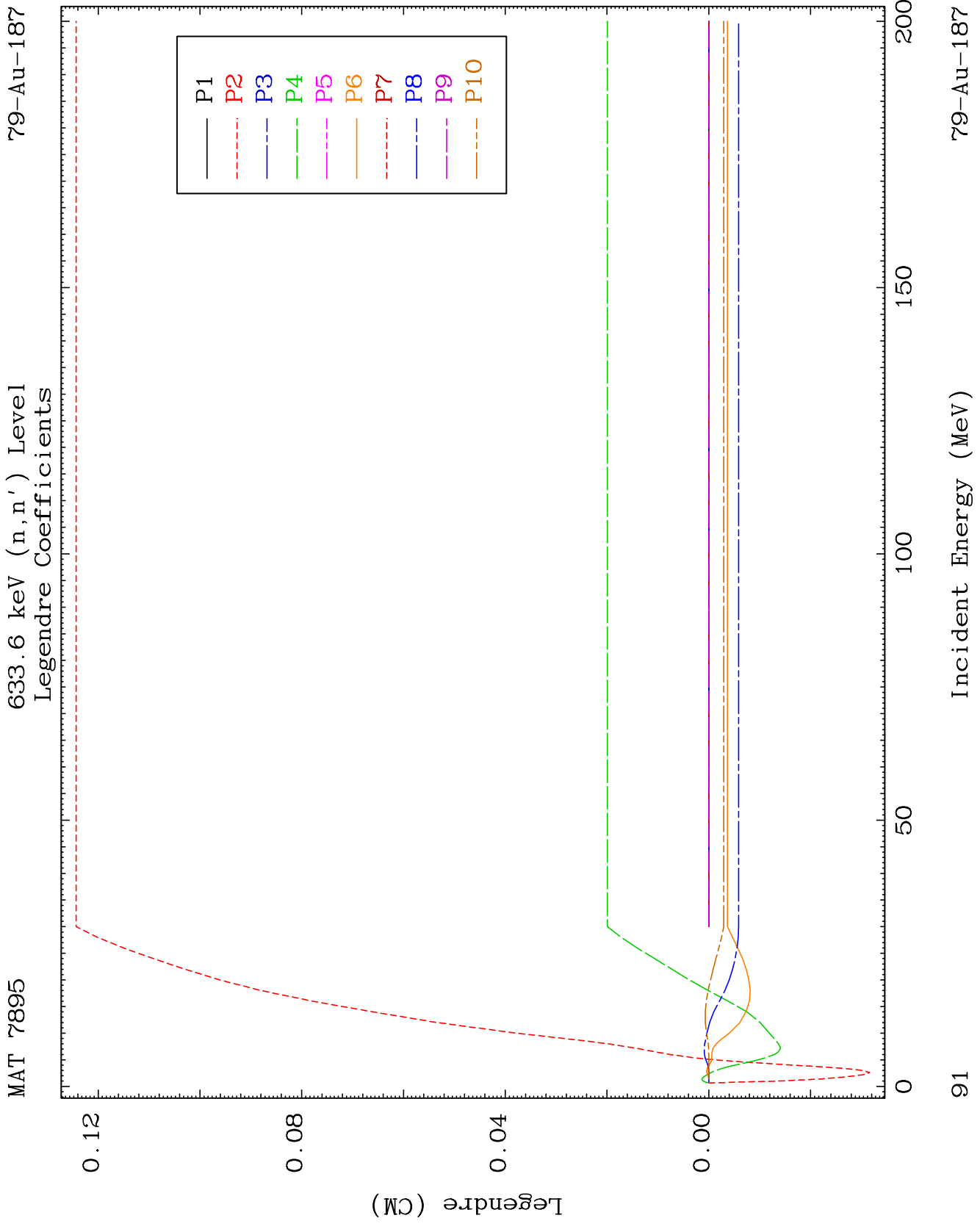
84

Incident Energy (MeV)

79-Au-187



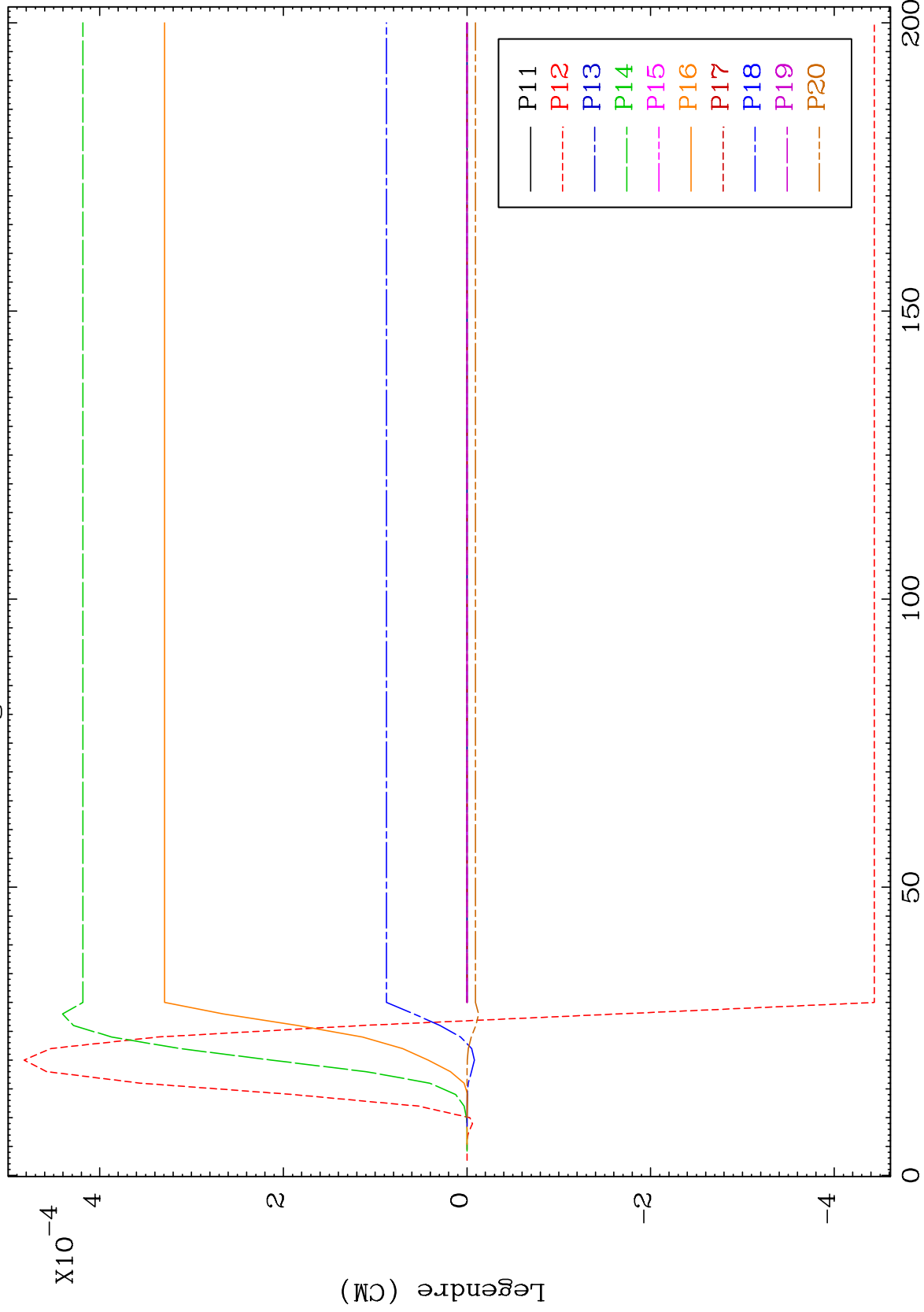




MAT 7895

633.6 keV (n,n') Level
Legendre Coefficients

79-Au-187



92

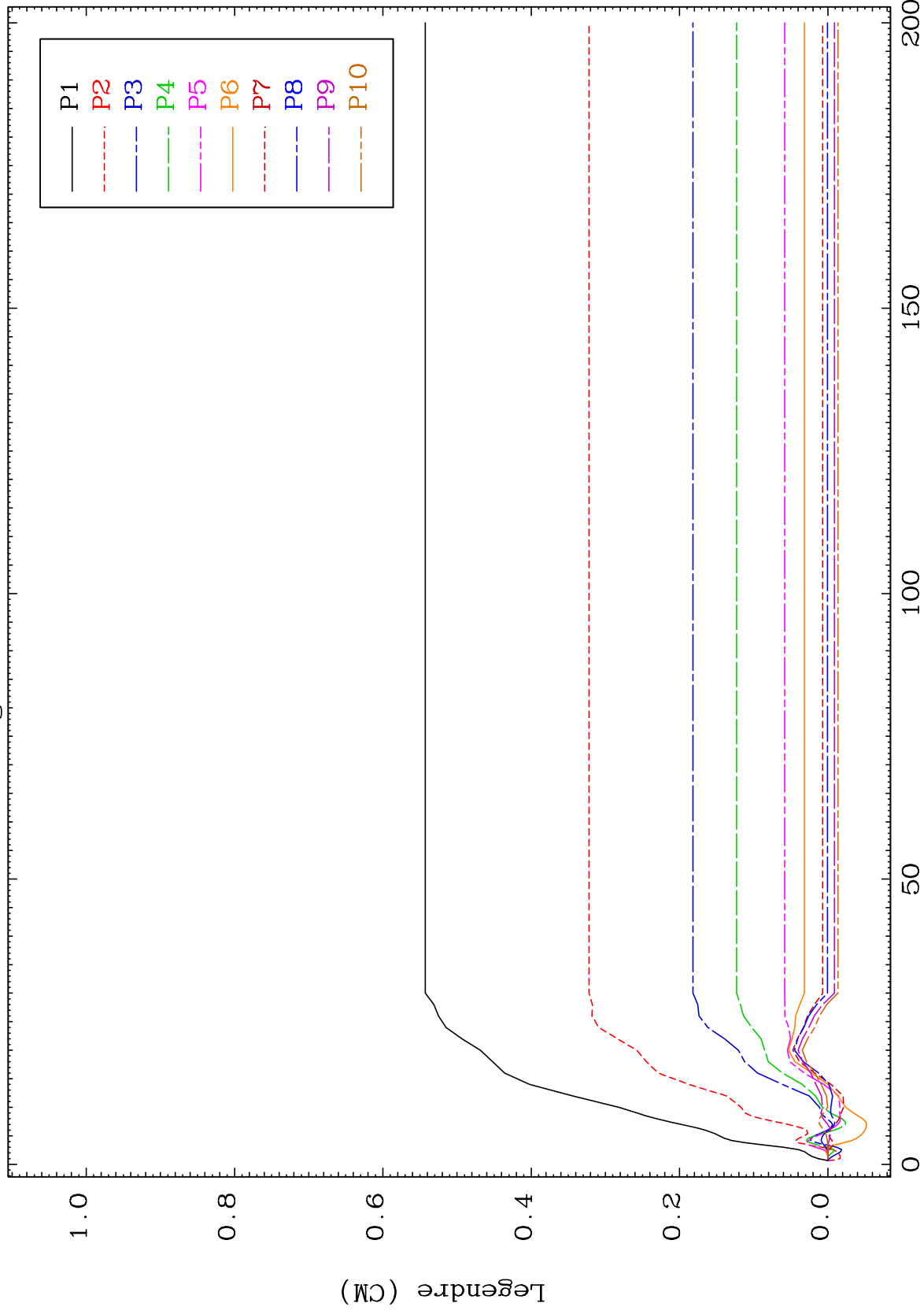
Incident Energy (MeV)

79-Au-187

MAT 7895

638.6 keV (n,n') Level
Legendre Coefficients

79-Au-187



94

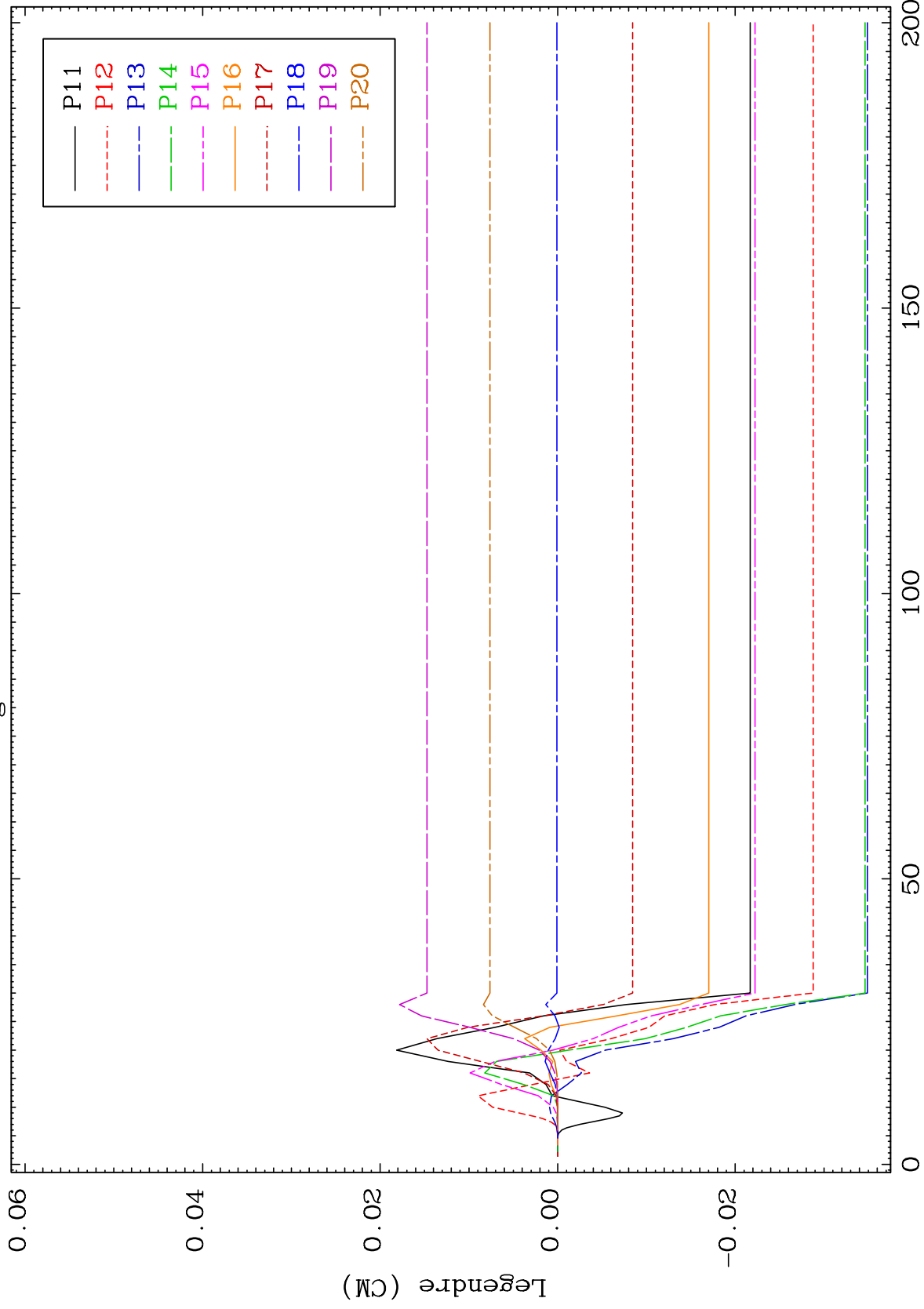
Incident Energy (MeV)

79-Au-187

MAT 7895

638.6 keV (n,n') Level
Legendre Coefficients

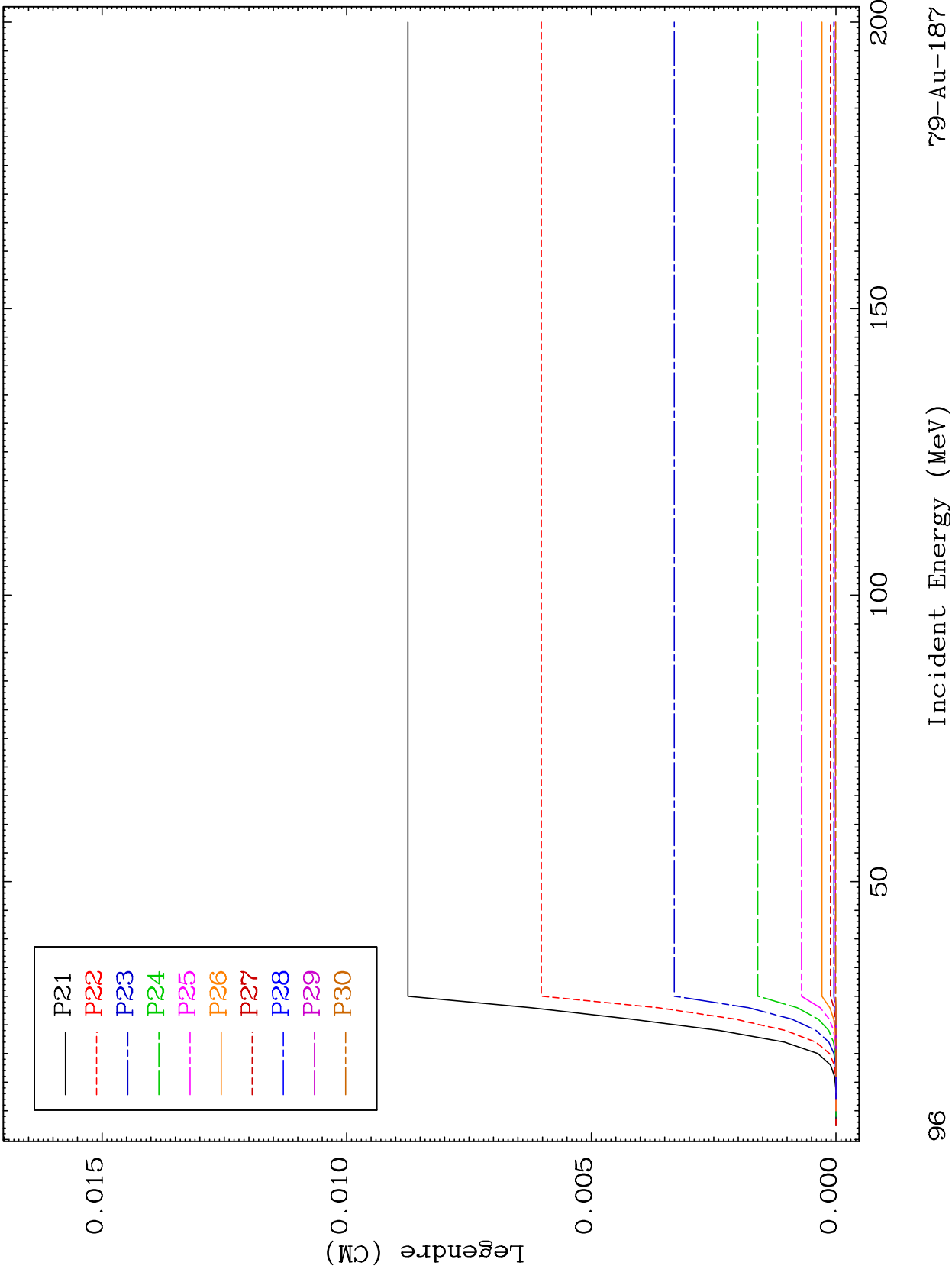
79-Au-187



95

Incident Energy (MeV)

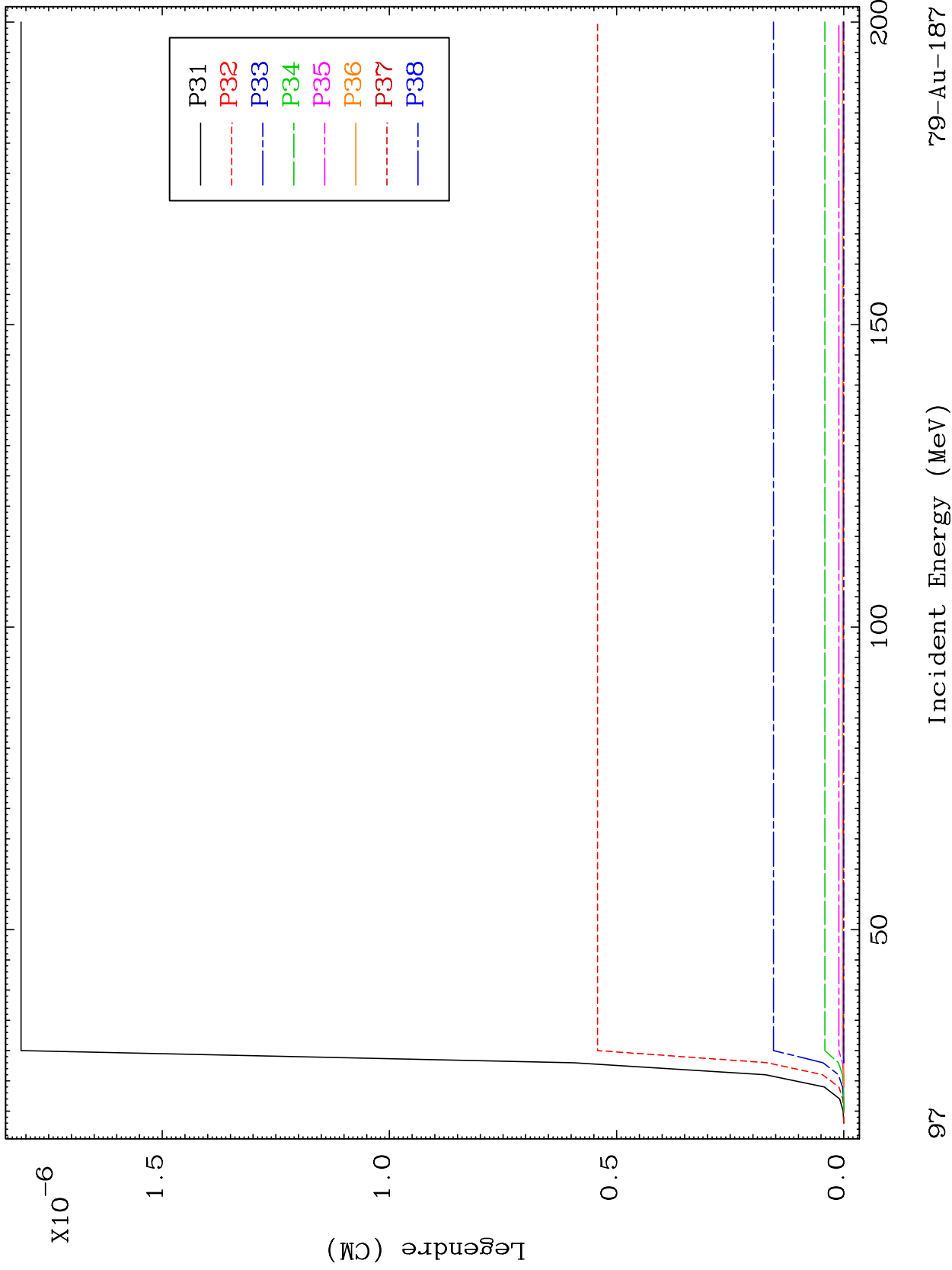
79-Au-187



MAT 7895

638.6 keV (n,n') Level
Legendre Coefficients

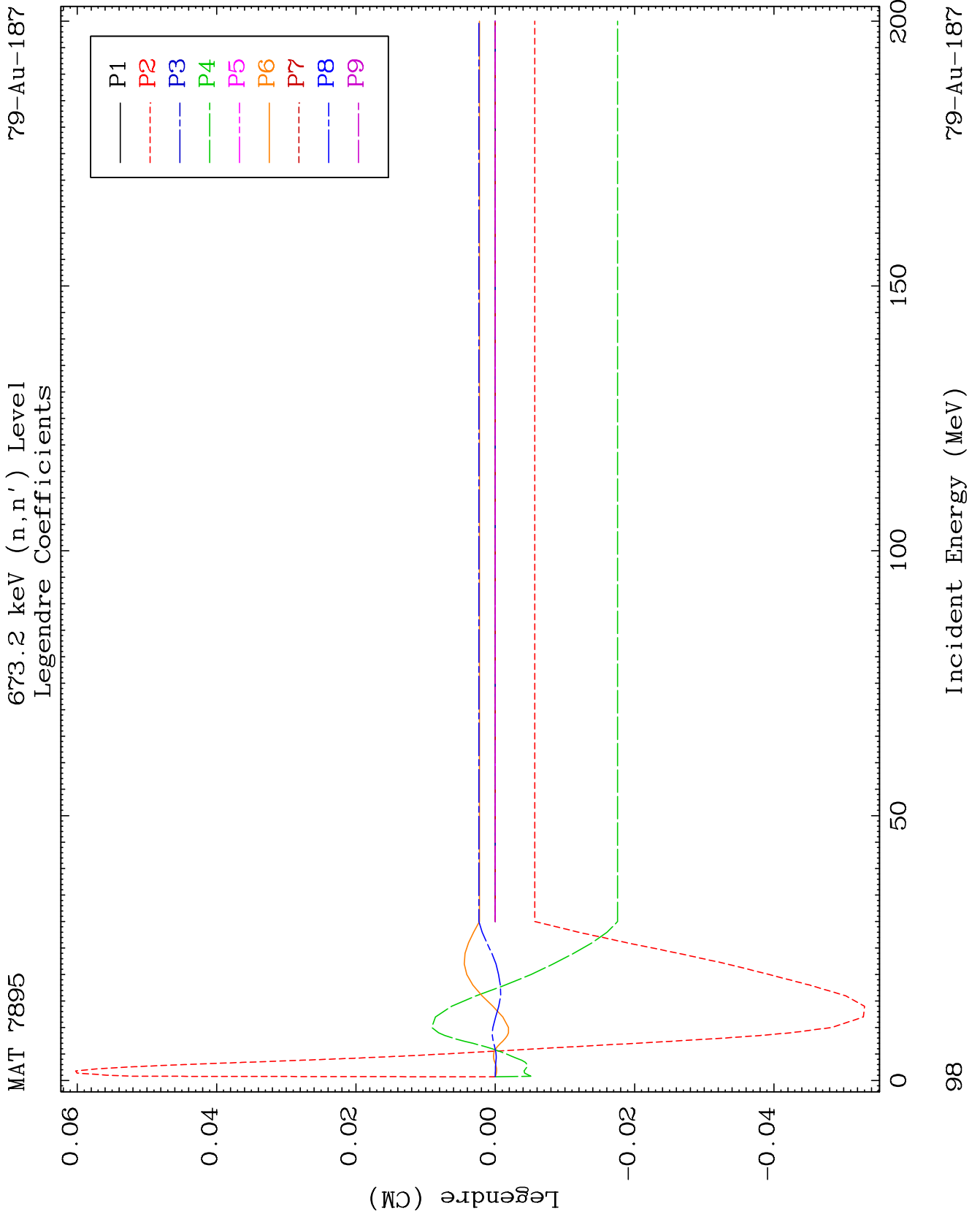
79-Au-187

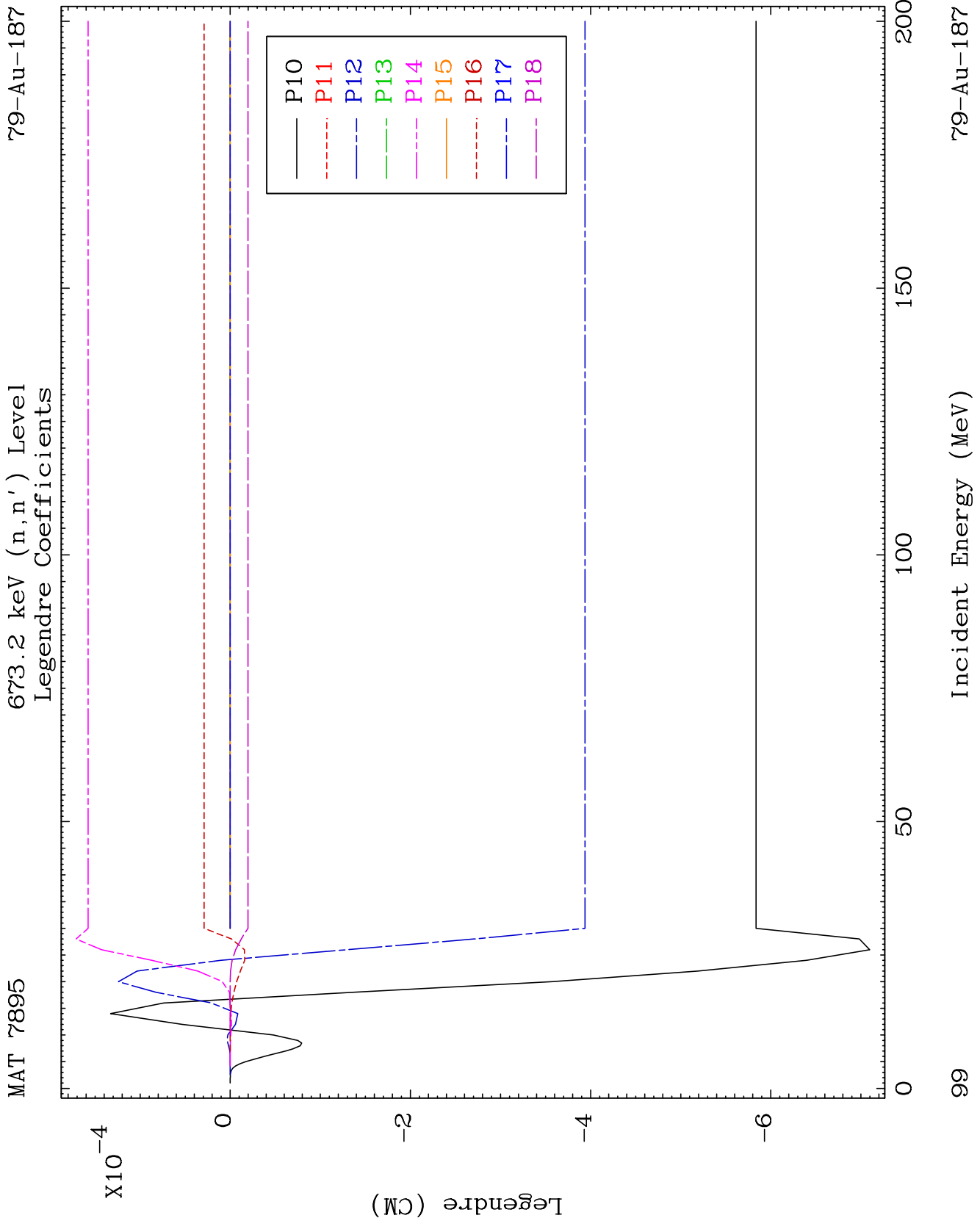


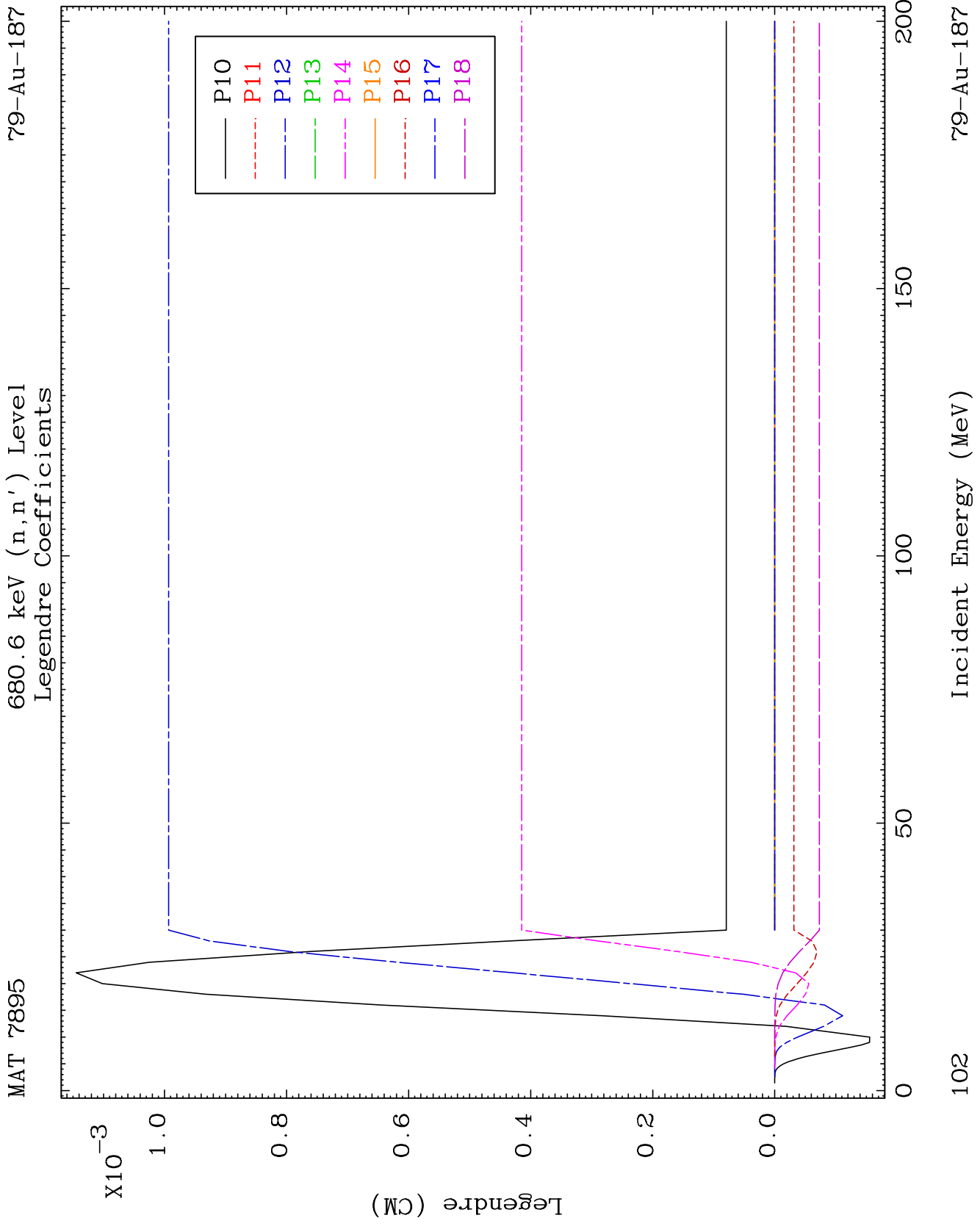
97

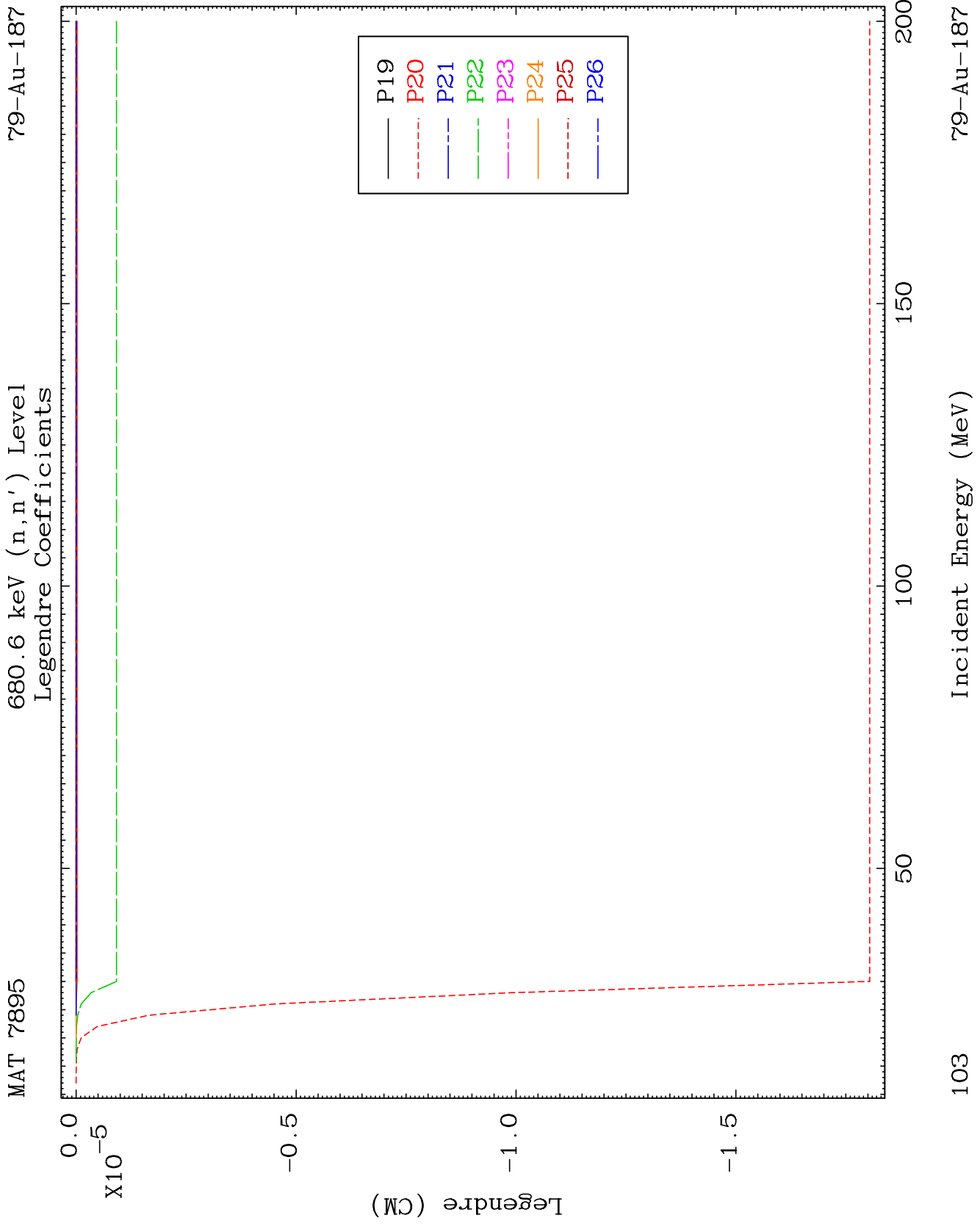
Incident Energy (MeV)

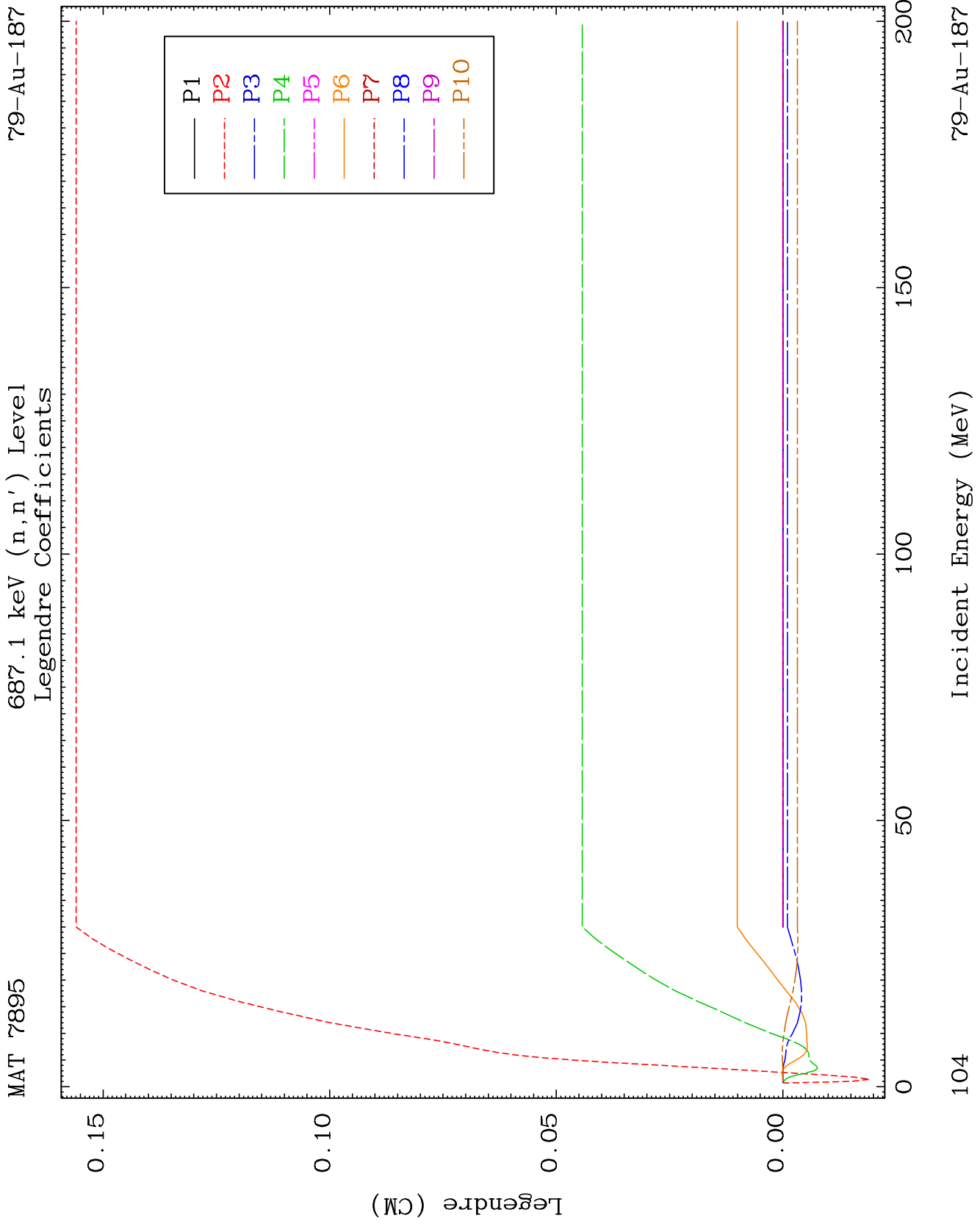
79-Au-187

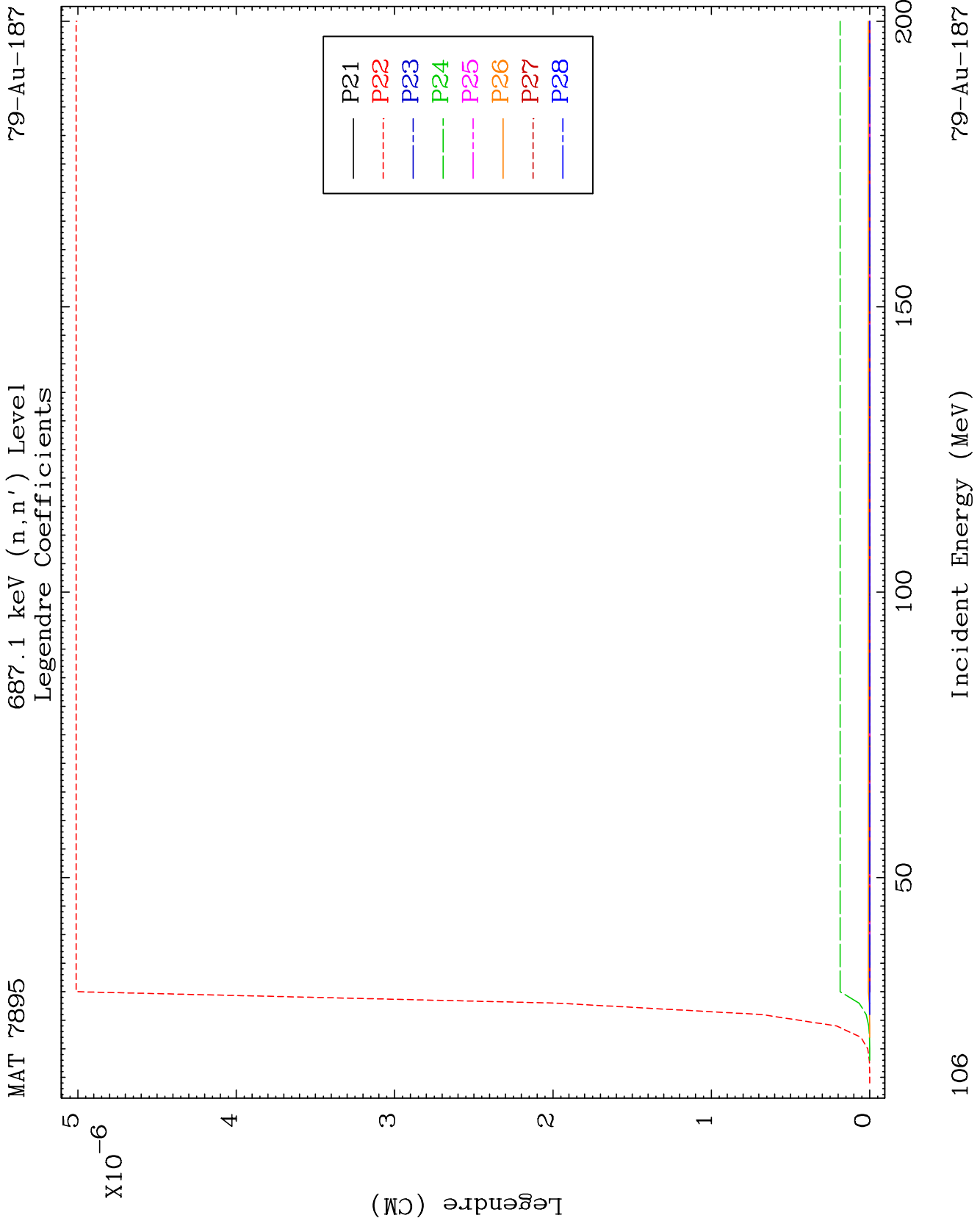








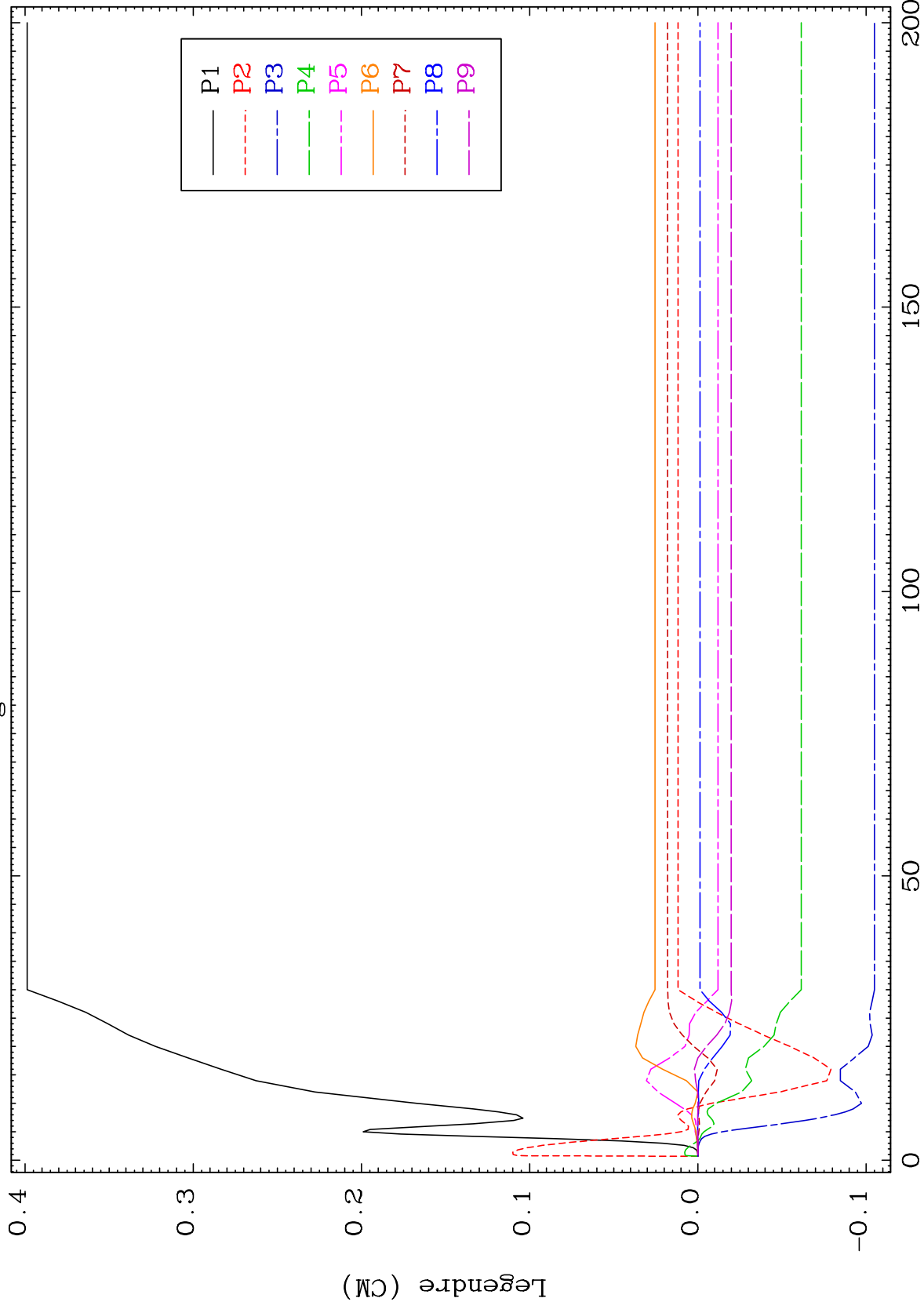




MAT 7895

688.6 keV (n,n') Level
Legendre Coefficients

79-Au-187



107

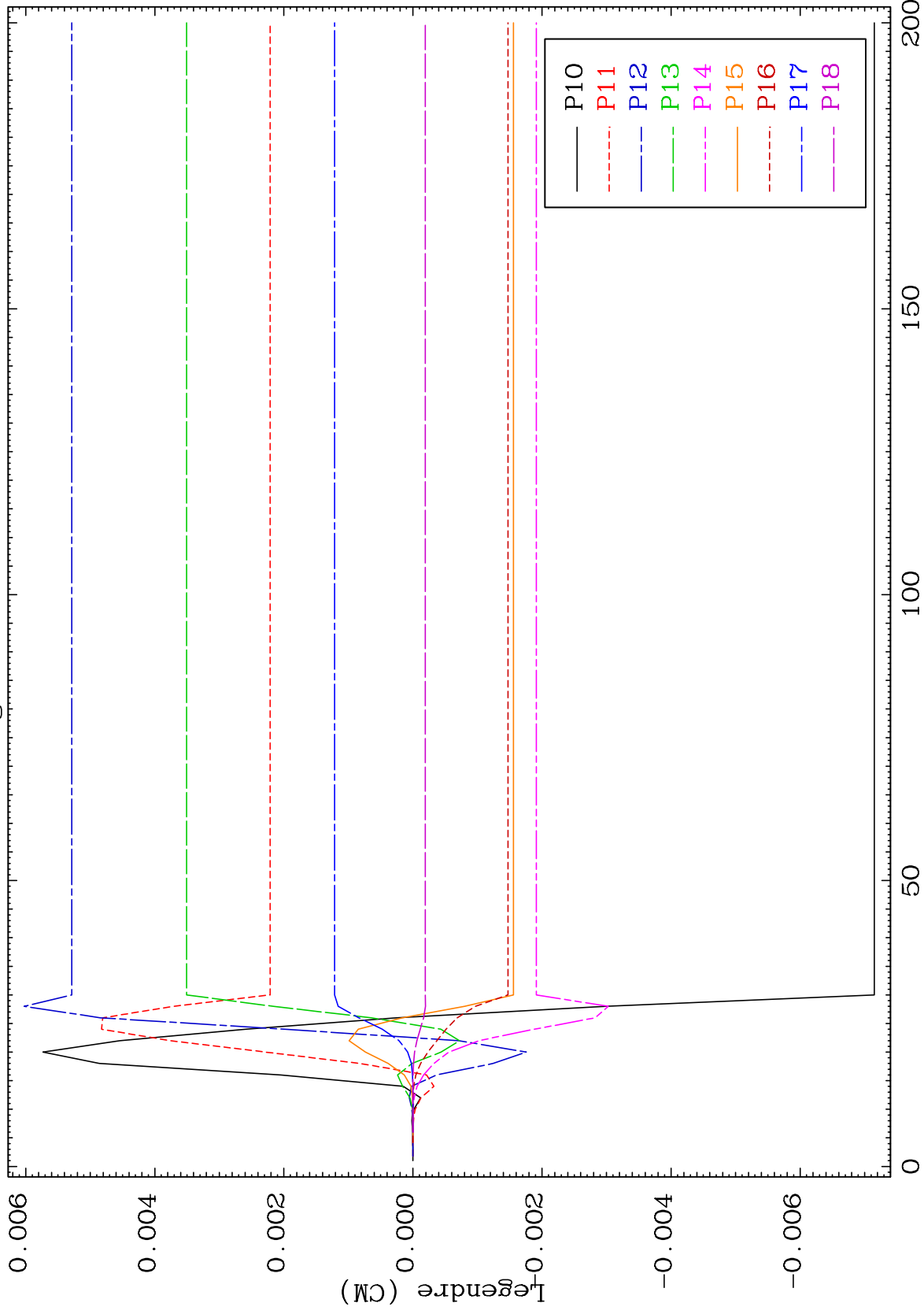
Incident Energy (MeV)

79-Au-187

MAT 7895

688.6 keV (n,n') Level
Legendre Coefficients

79-Au-187



108

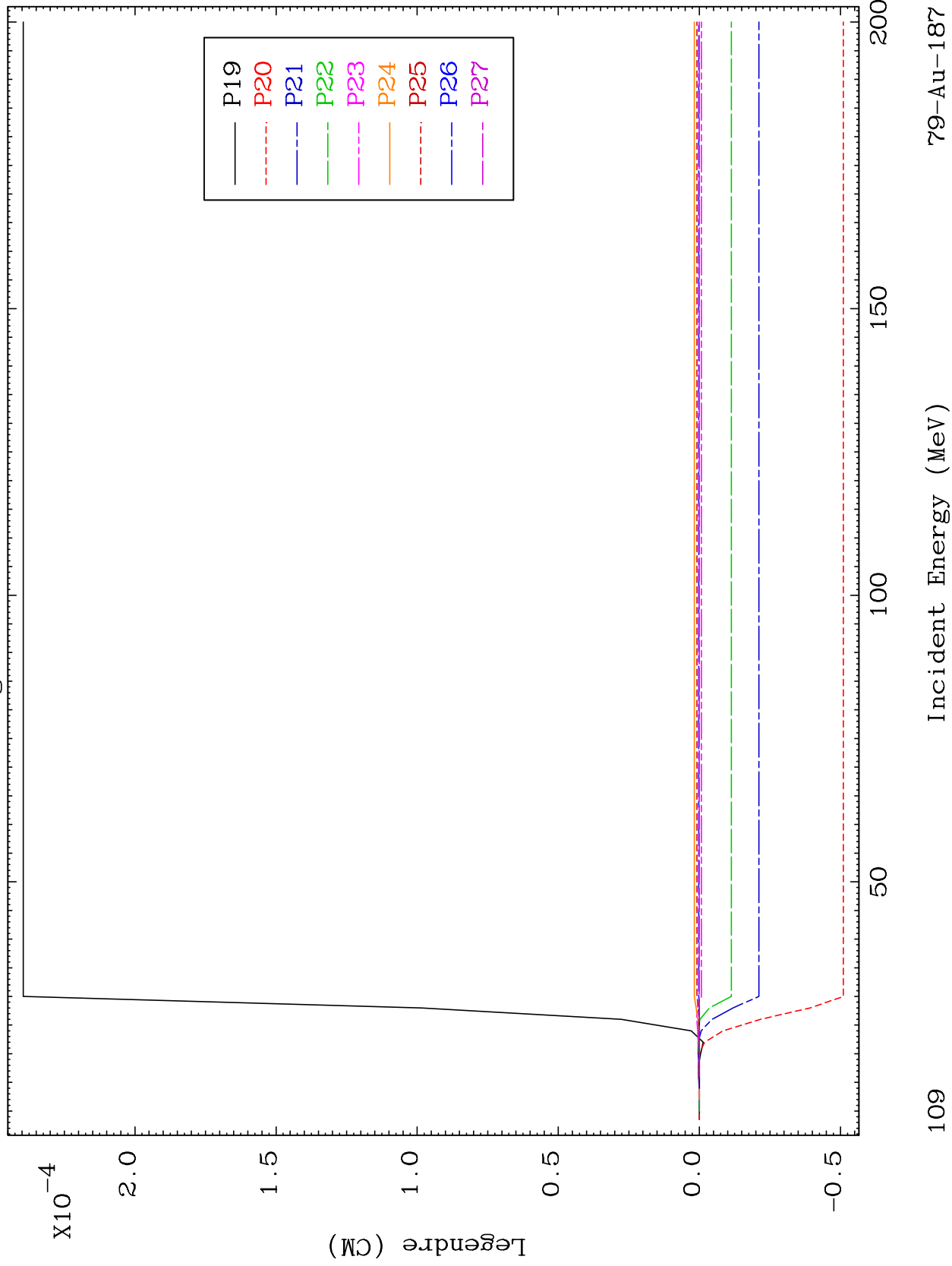
Incident Energy (MeV)

79-Au-187

MAT 7895

688.6 keV (n,n') Level
Legendre Coefficients

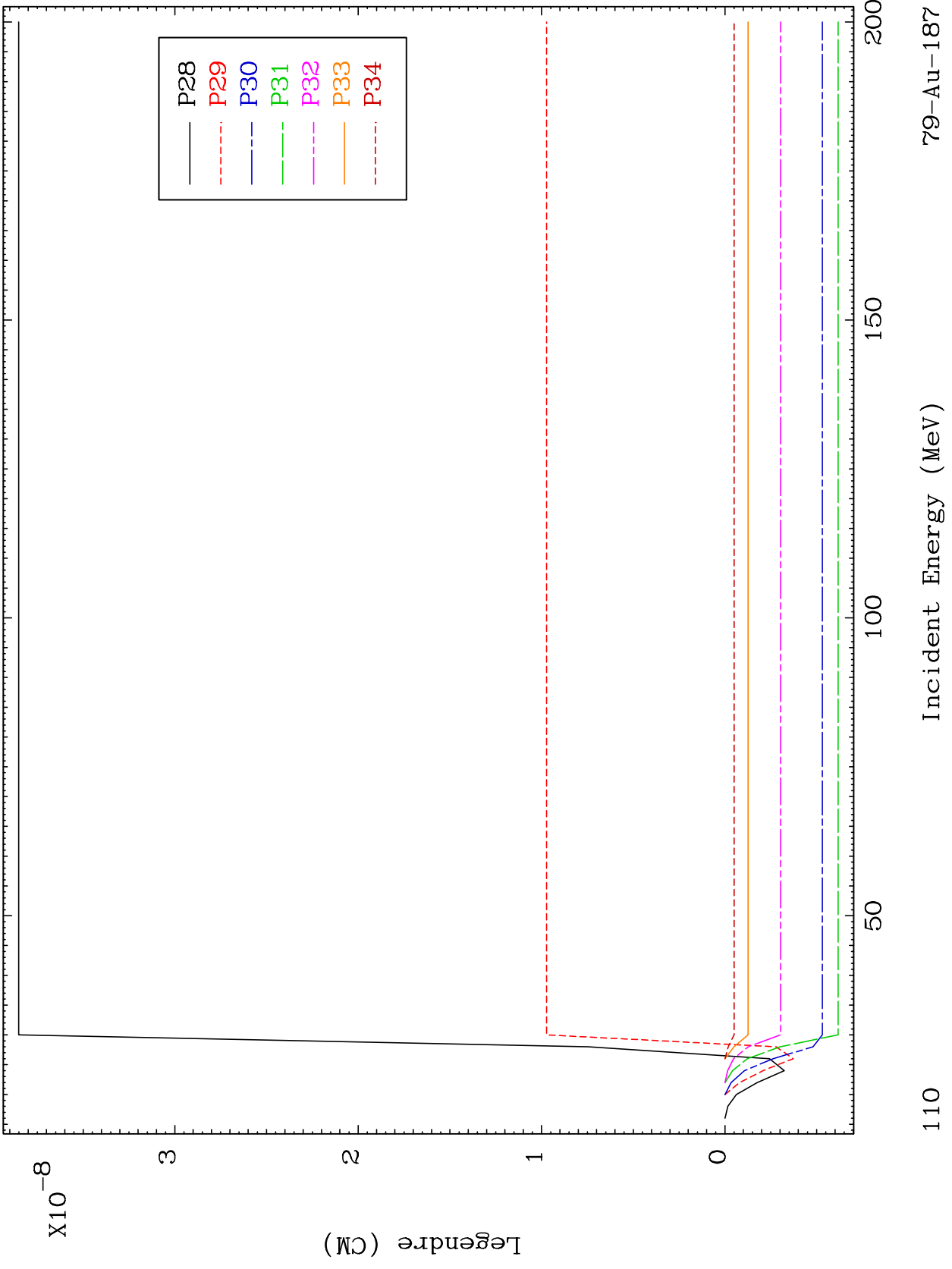
79-Au-187

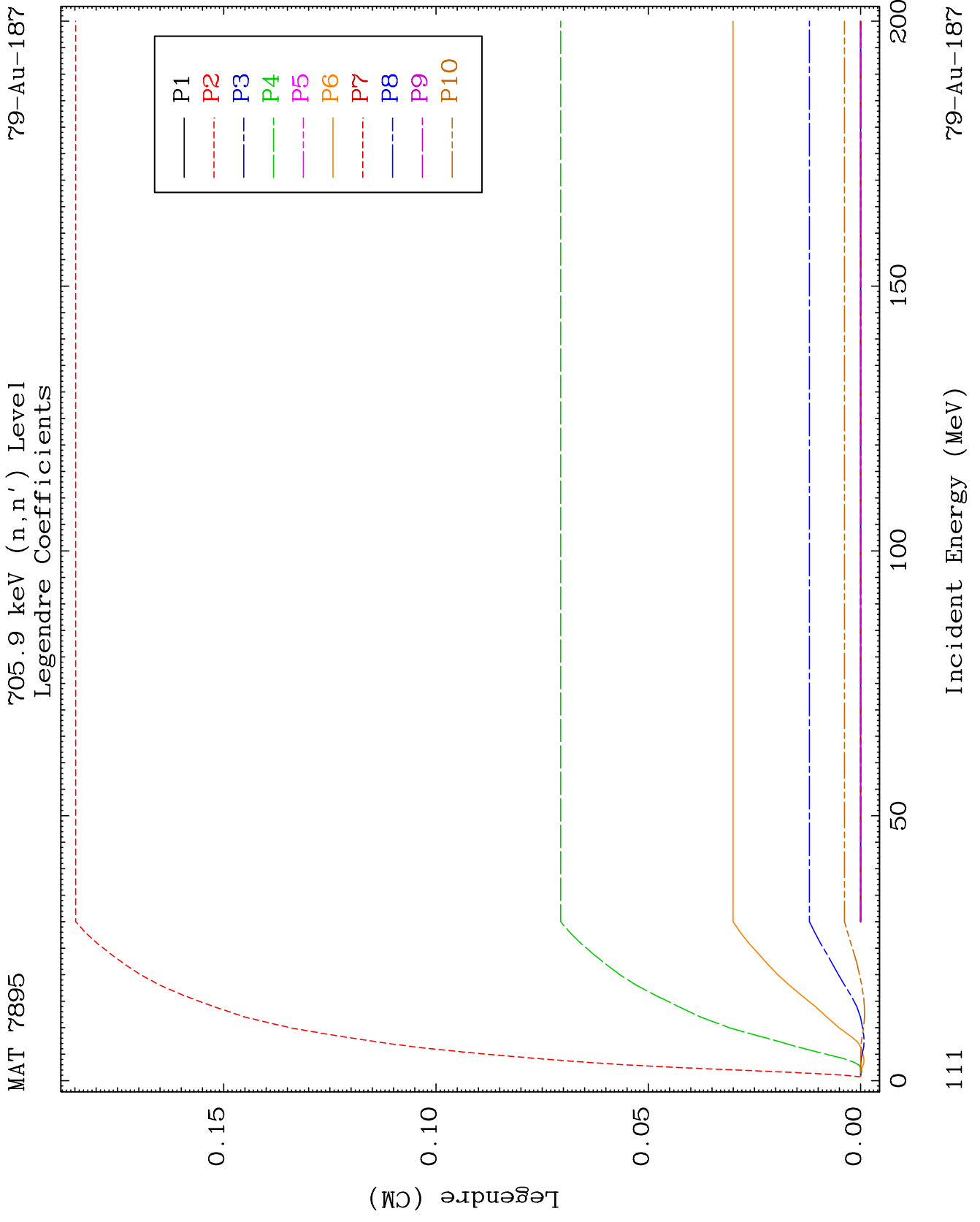


MAT 7895

688.6 keV (n,n') Level
Legendre Coefficients

79-Au-187

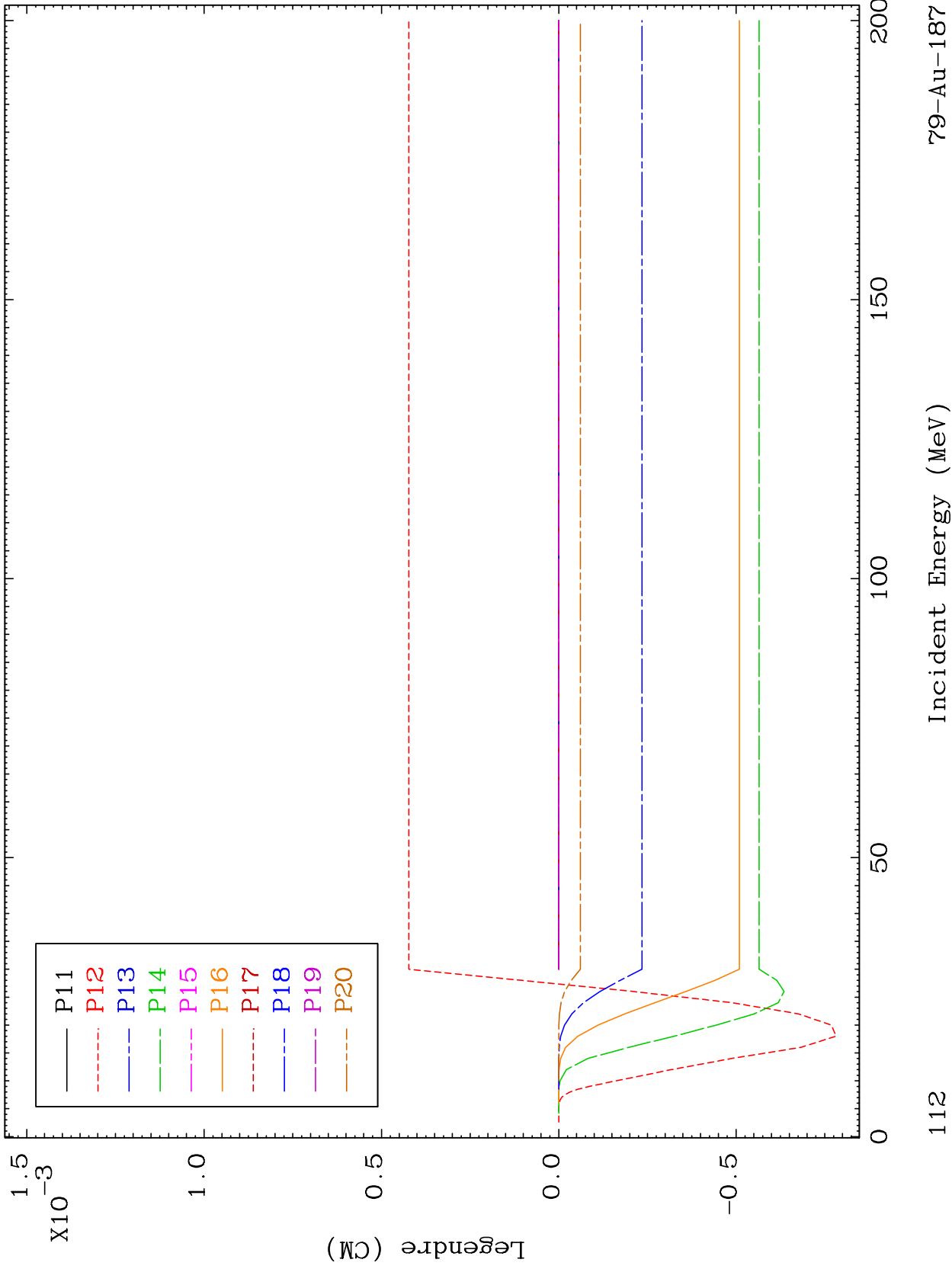




MAT 7895

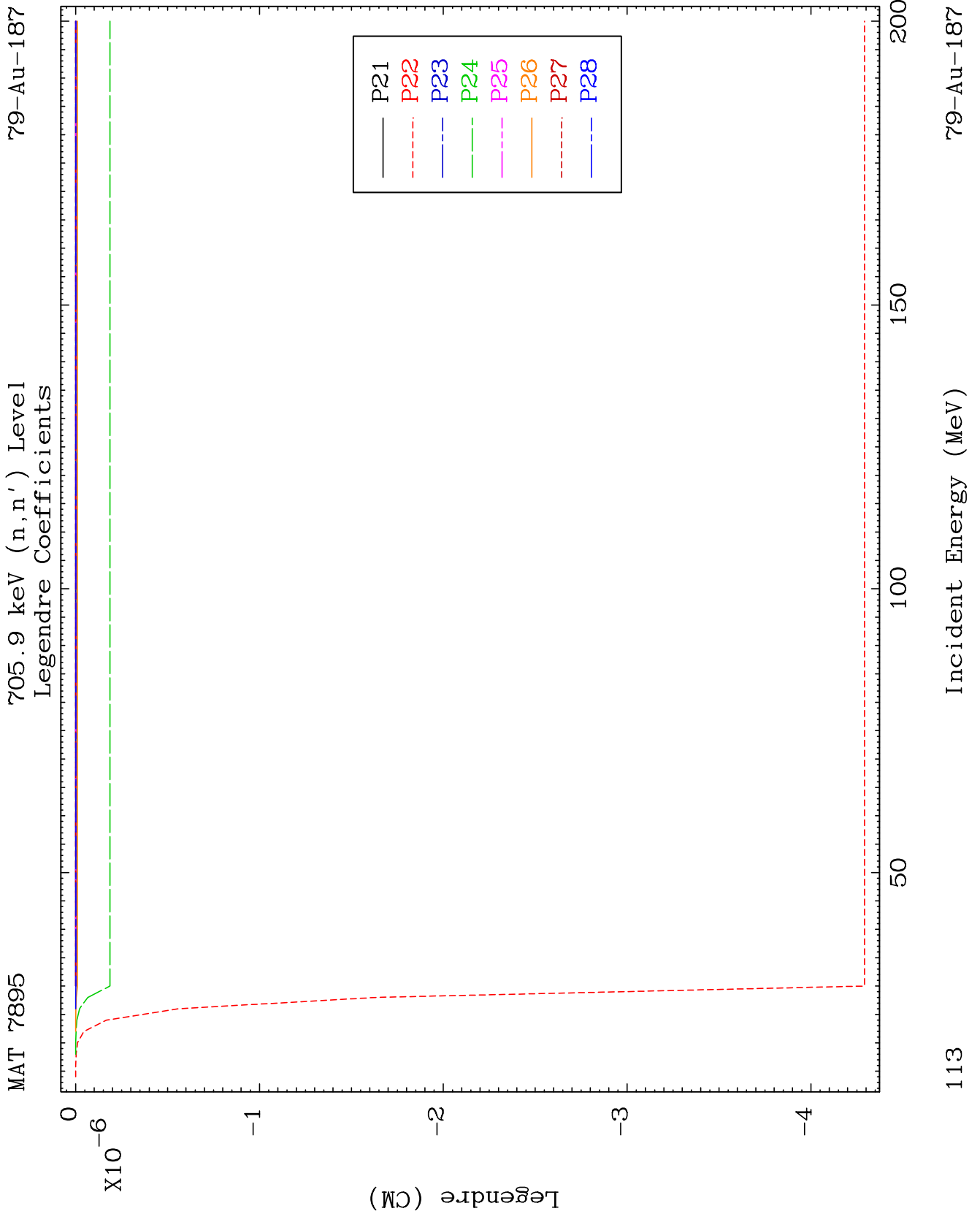
705.9 keV (n, n') Level
Legendre Coefficients

79-Au-187



112

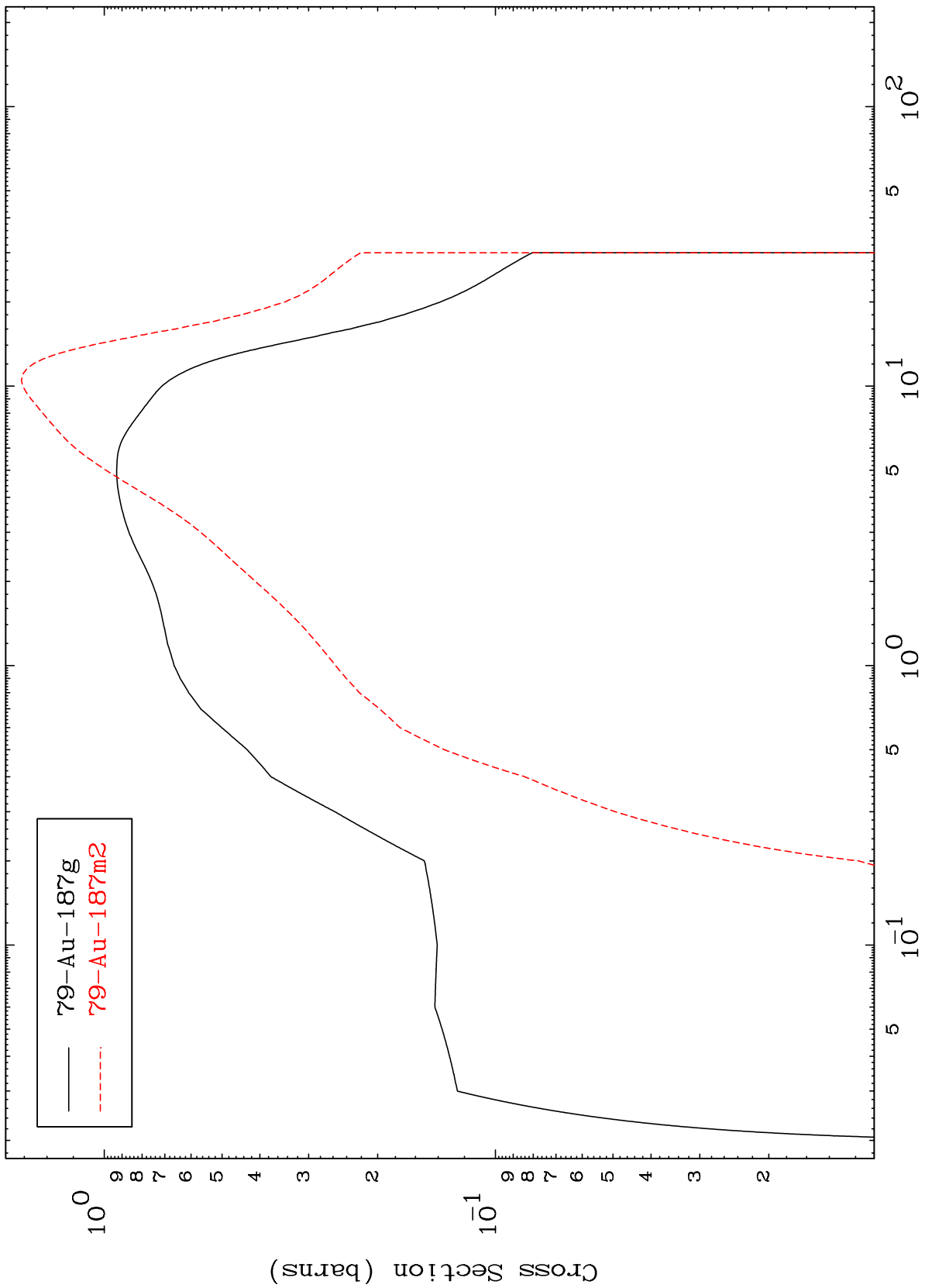
79-Au-187



MAT 7895

79-Au-187

Inelastic
Radionuclide Production Cross Section



114

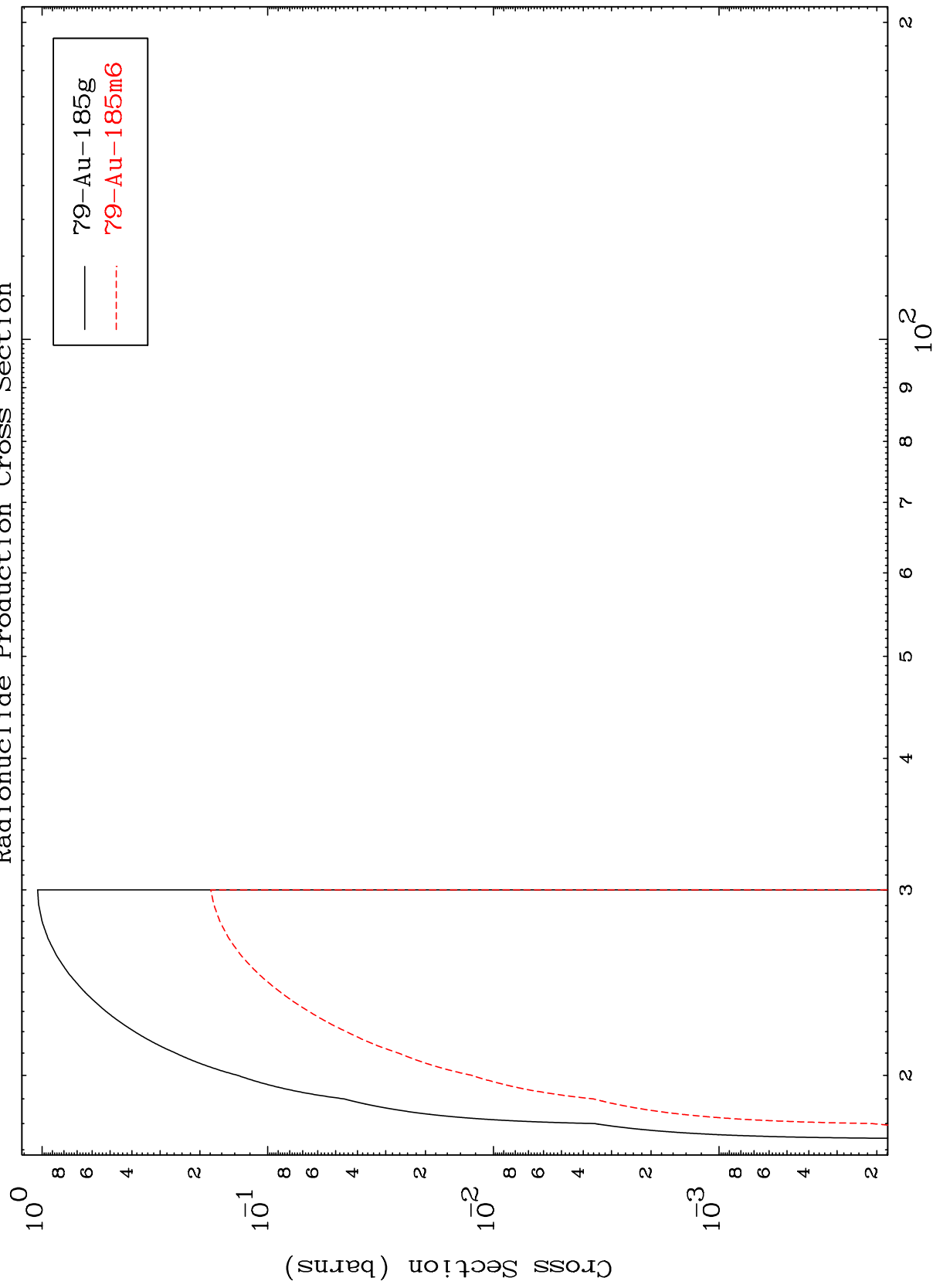
79-Au-187

Incident Energy (MeV)

MAT 7895

79-Au-187

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

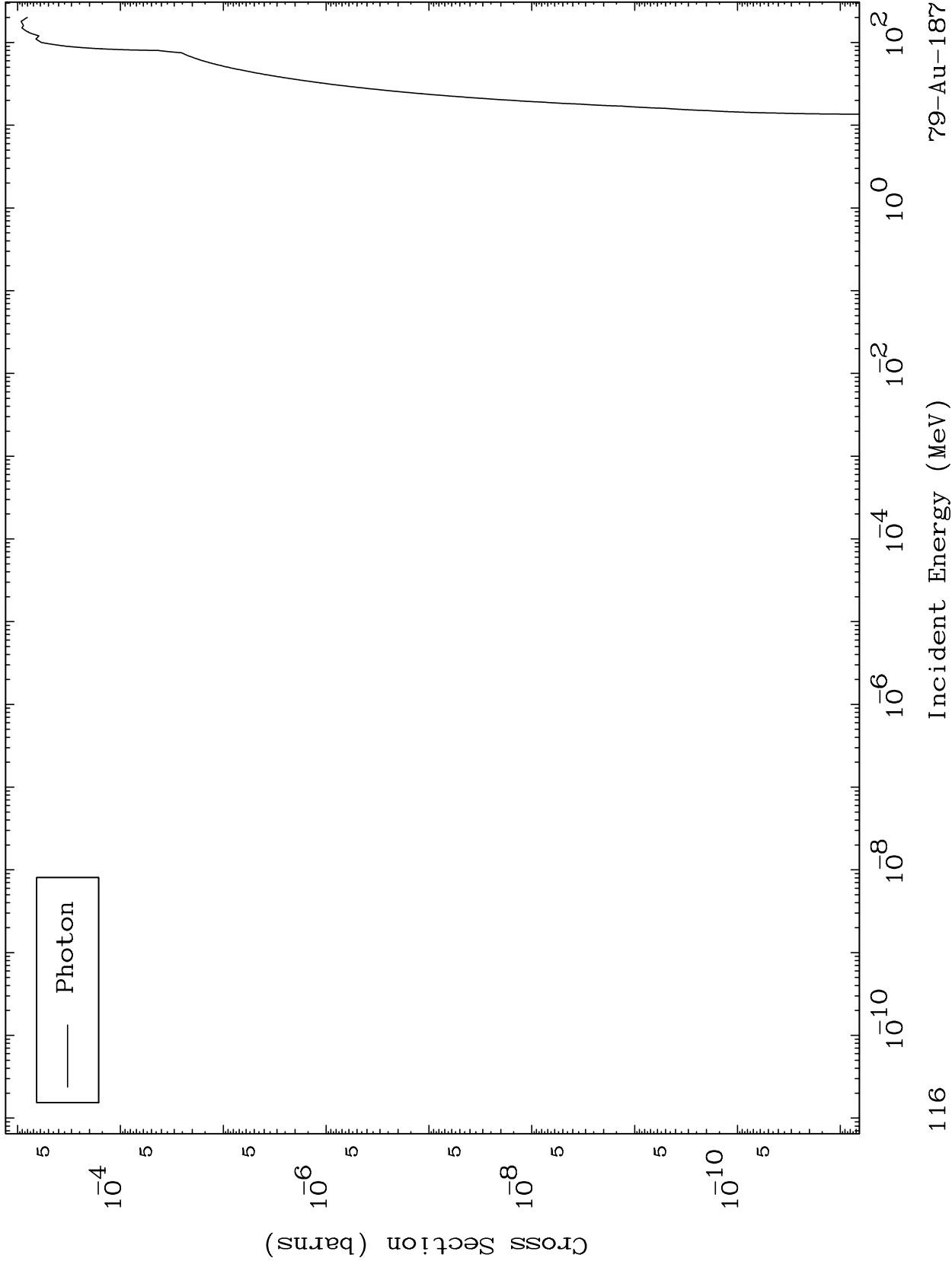
79-Au-187

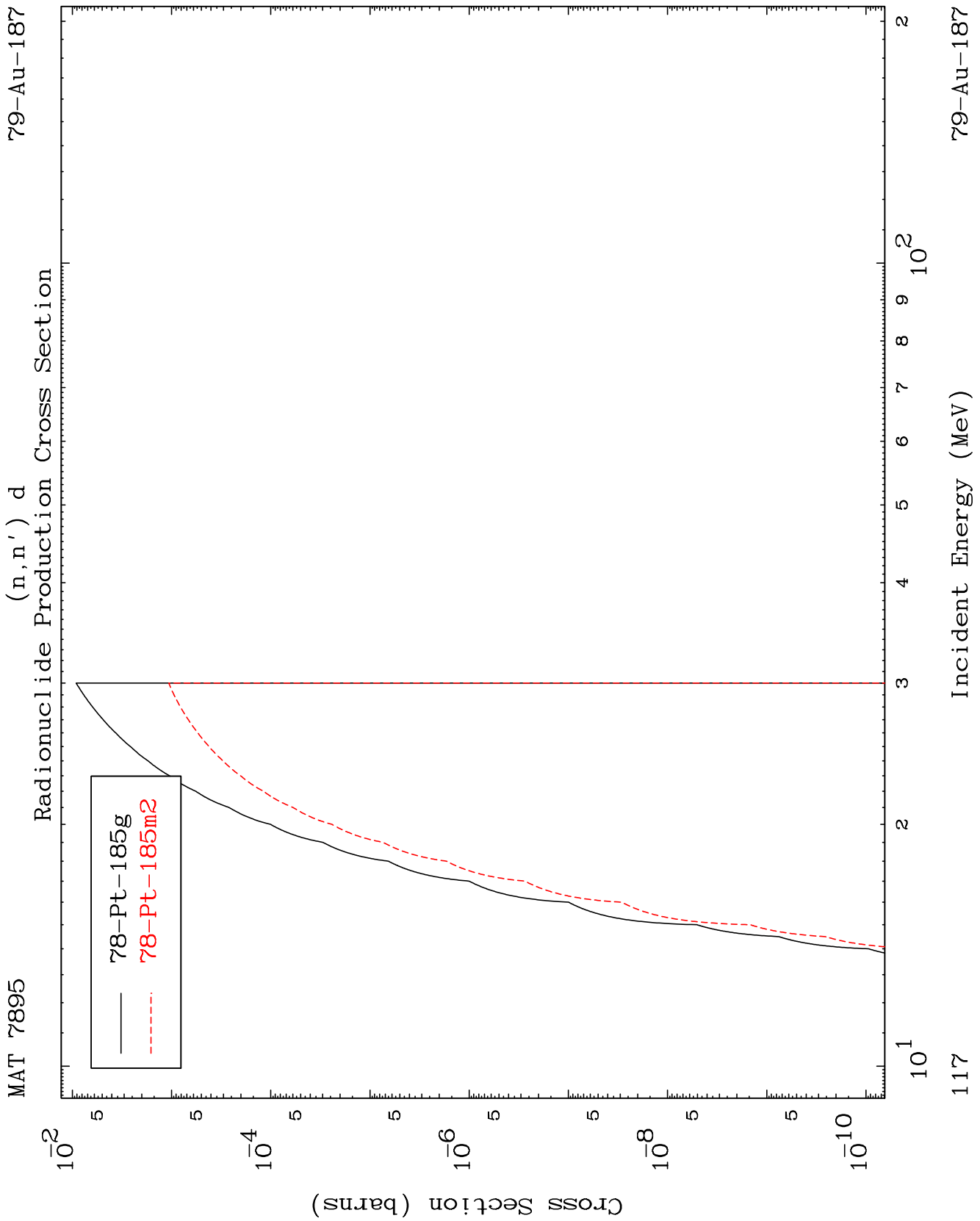
MAT 7895

Fission

79-Au-187

Radionuclide Production Cross Section

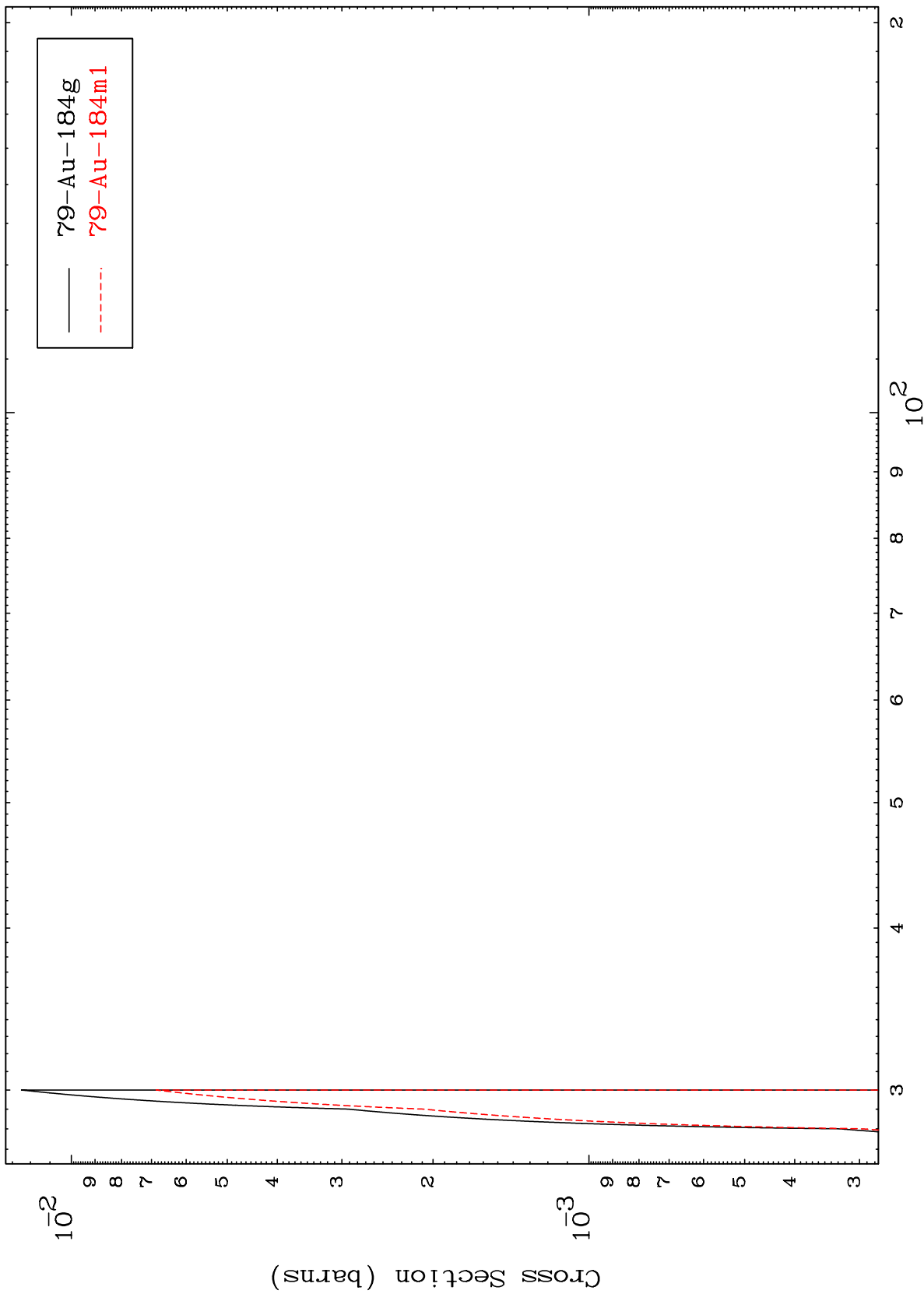




MAT 7895

79-Au-187

(n,4n)
Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

79-Au-187

Incident Energy (MeV)

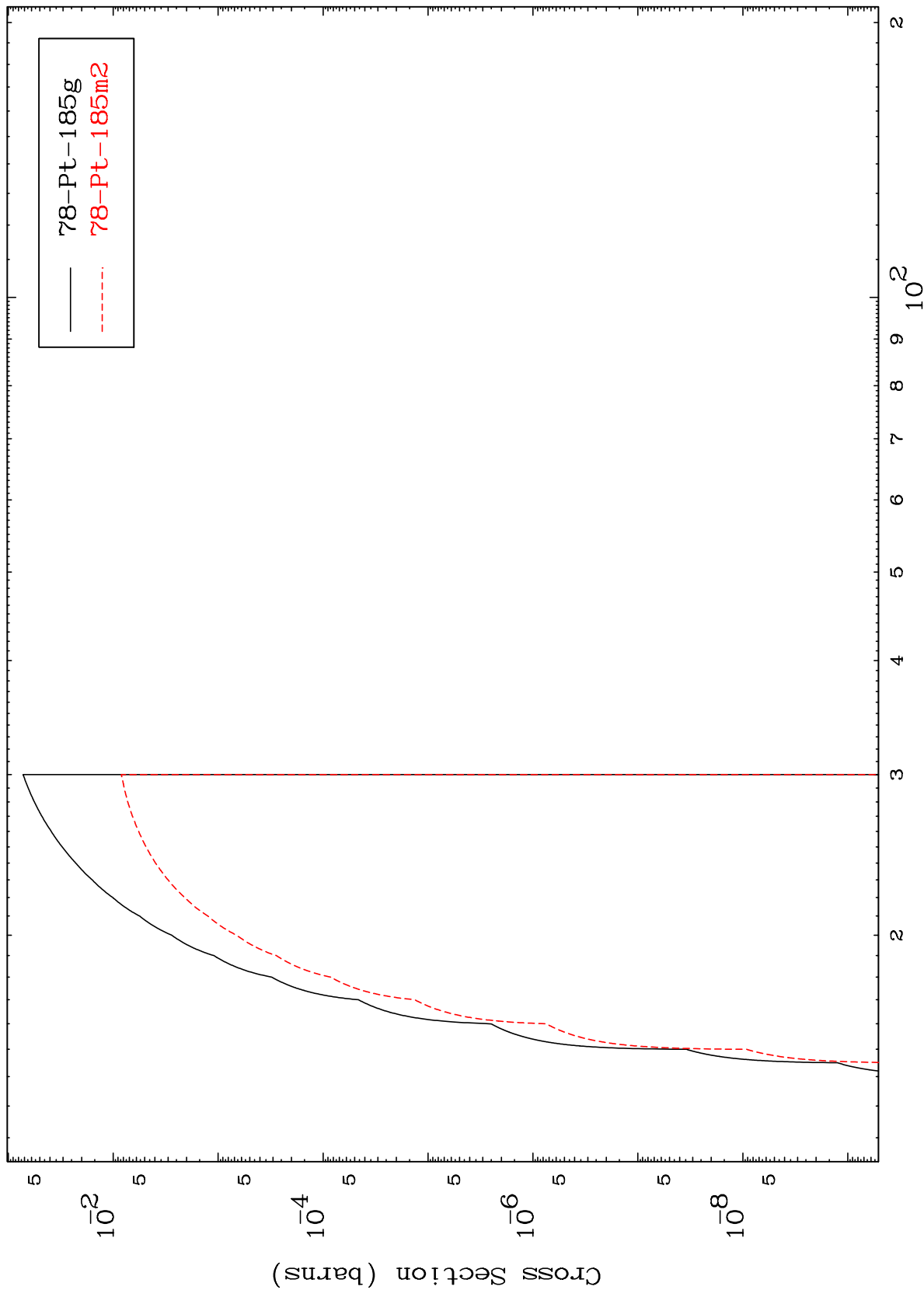
118

MAT 7895

79-Au-187

(n,2n) p

Radionuclide Production Cross Section



119

Incident Energy (MeV)

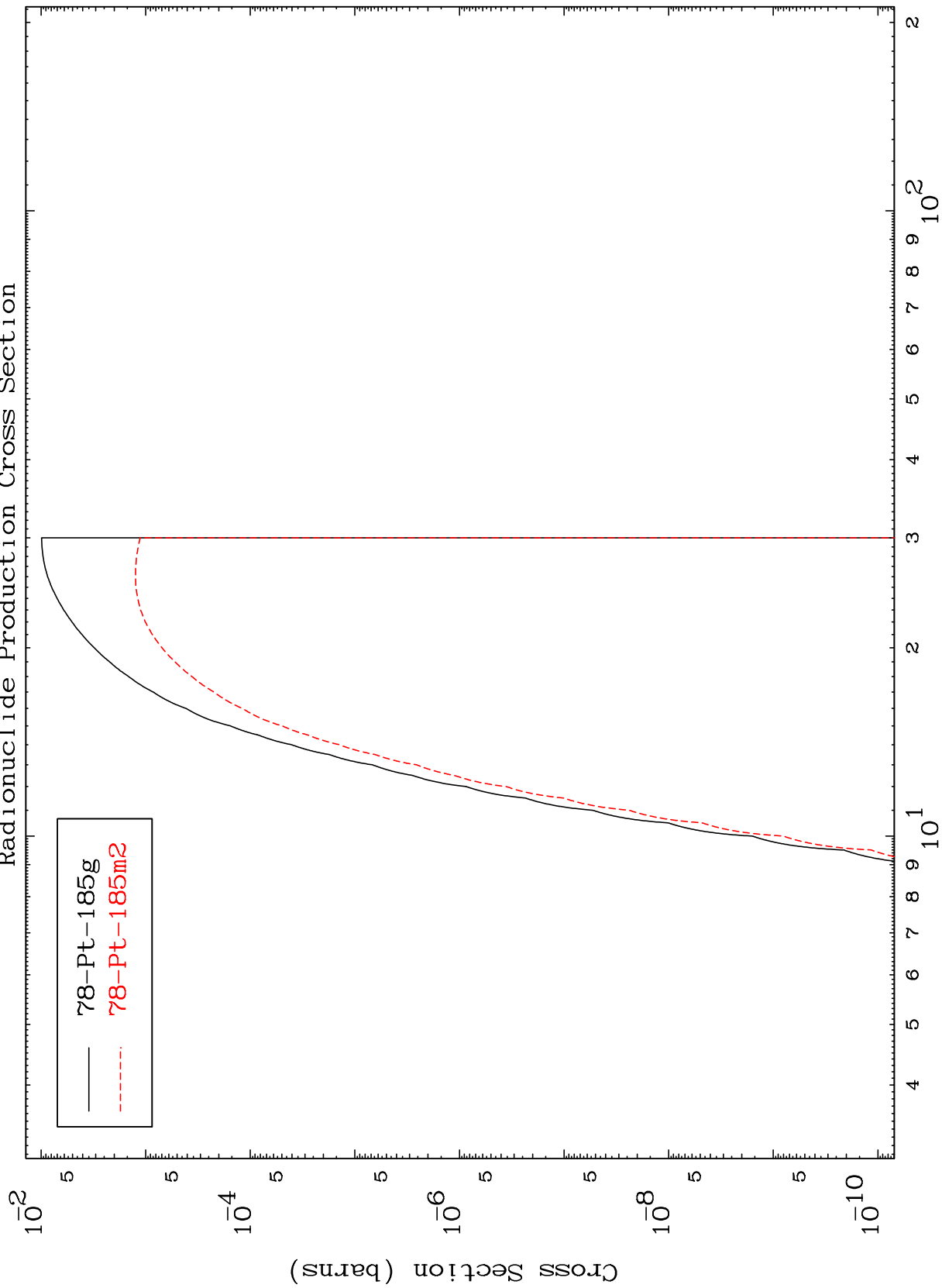
79-Au-187

MAT 7895

(n, t)

79-Au-187

Radionuclide Production Cross Section



120

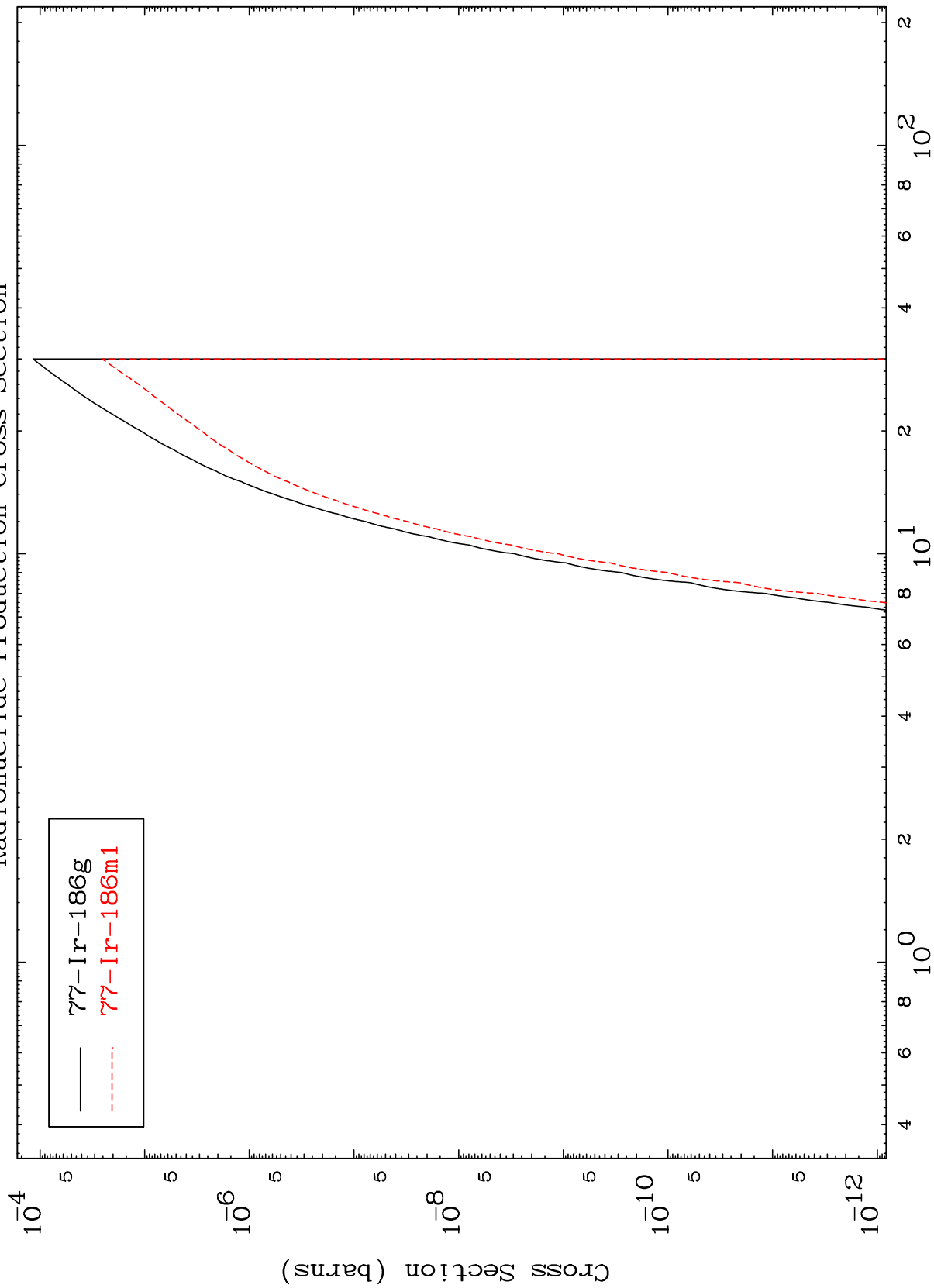
Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187

(n,2p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

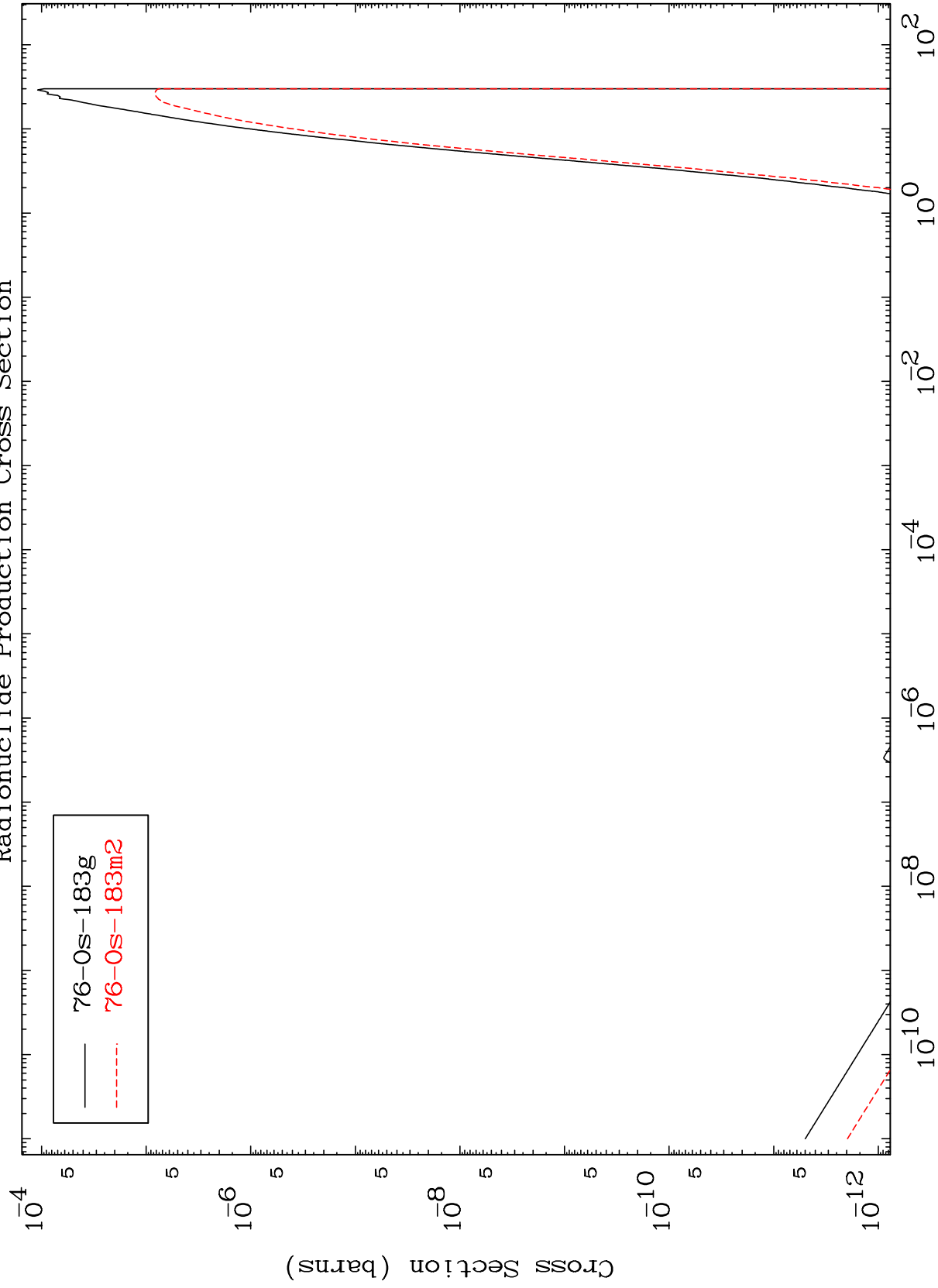
79-Au-187

MAT 7895

(n,p) α

79-Au-187

Radionuclide Production Cross Section



122

Incident Energy (MeV)

79-Au-187