

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

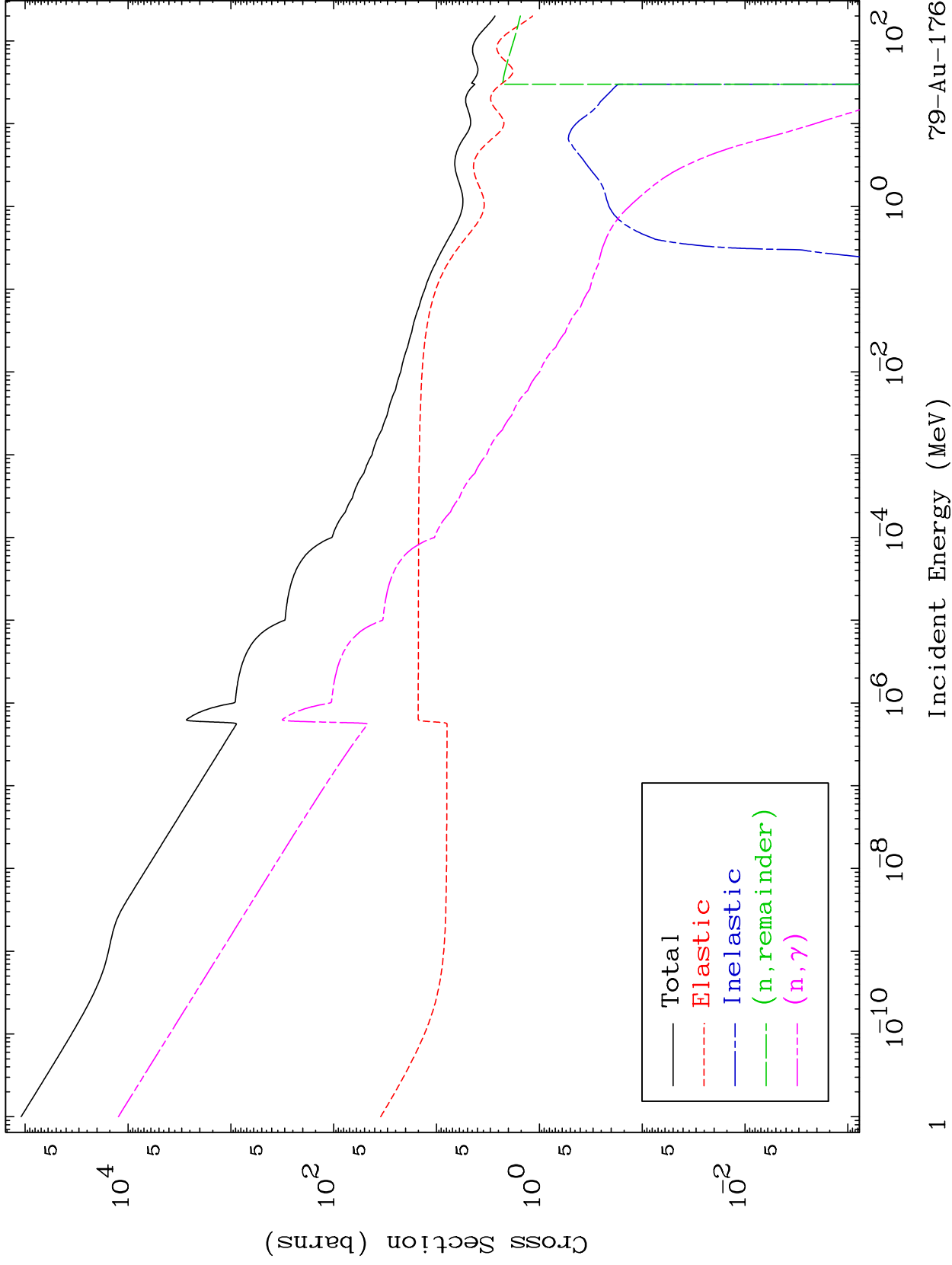
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7862

Major
293 Kelvin Cross Sections

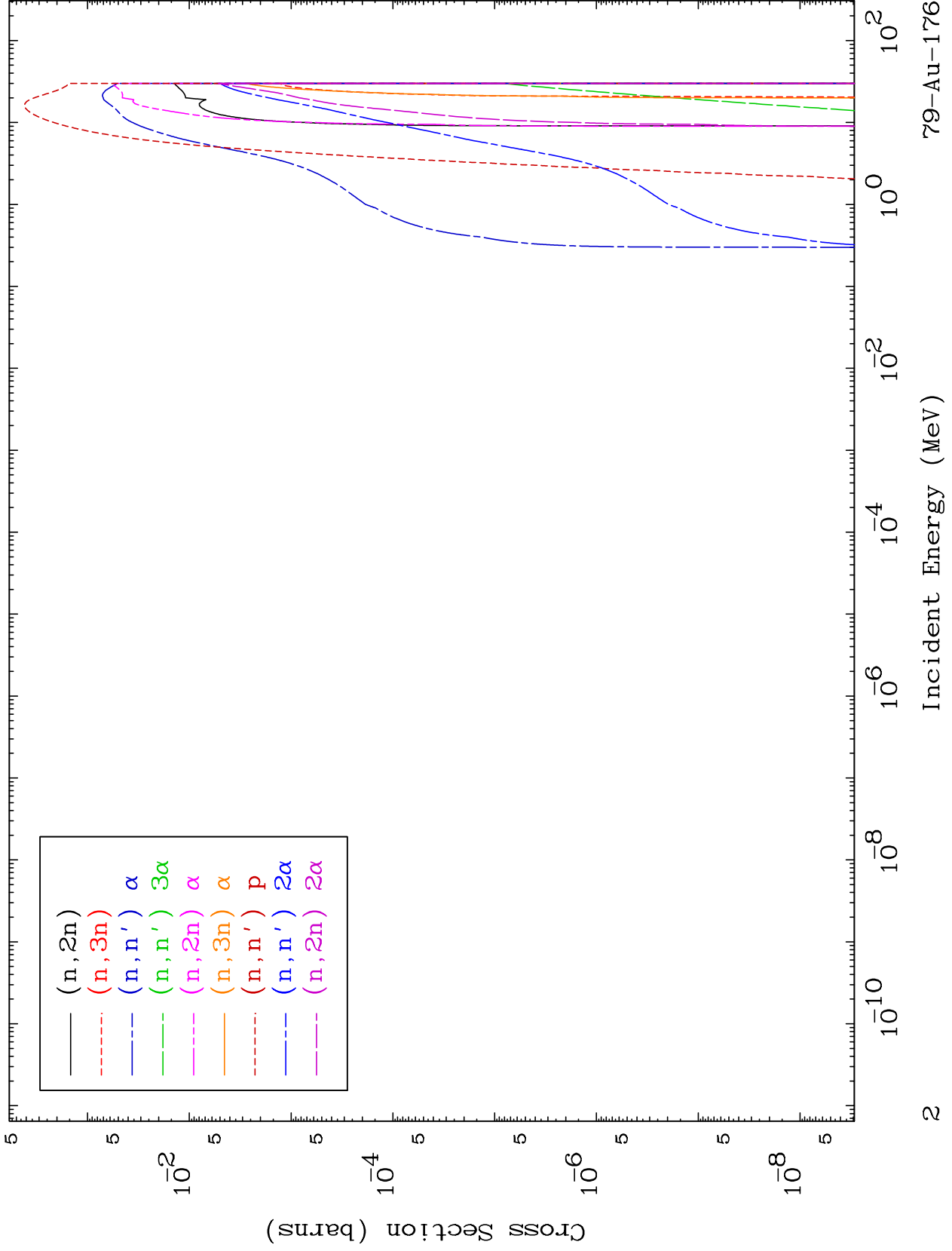
79-Au-176



MAT 7862

Neutron Production
293 Kelvin Cross Sections

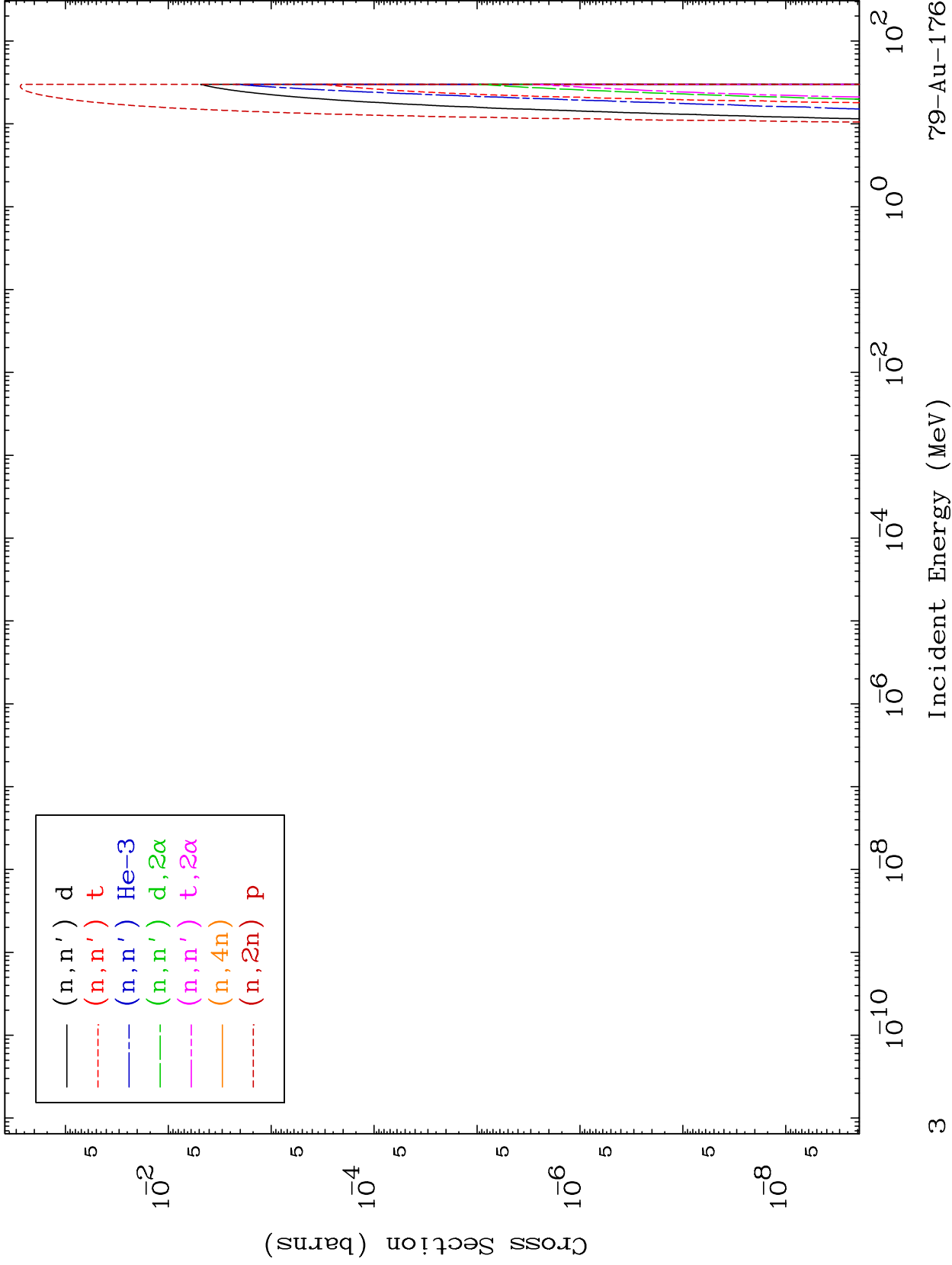
79-Au-176



MAT 7862

Neutron Production
293 Kelvin Cross Sections

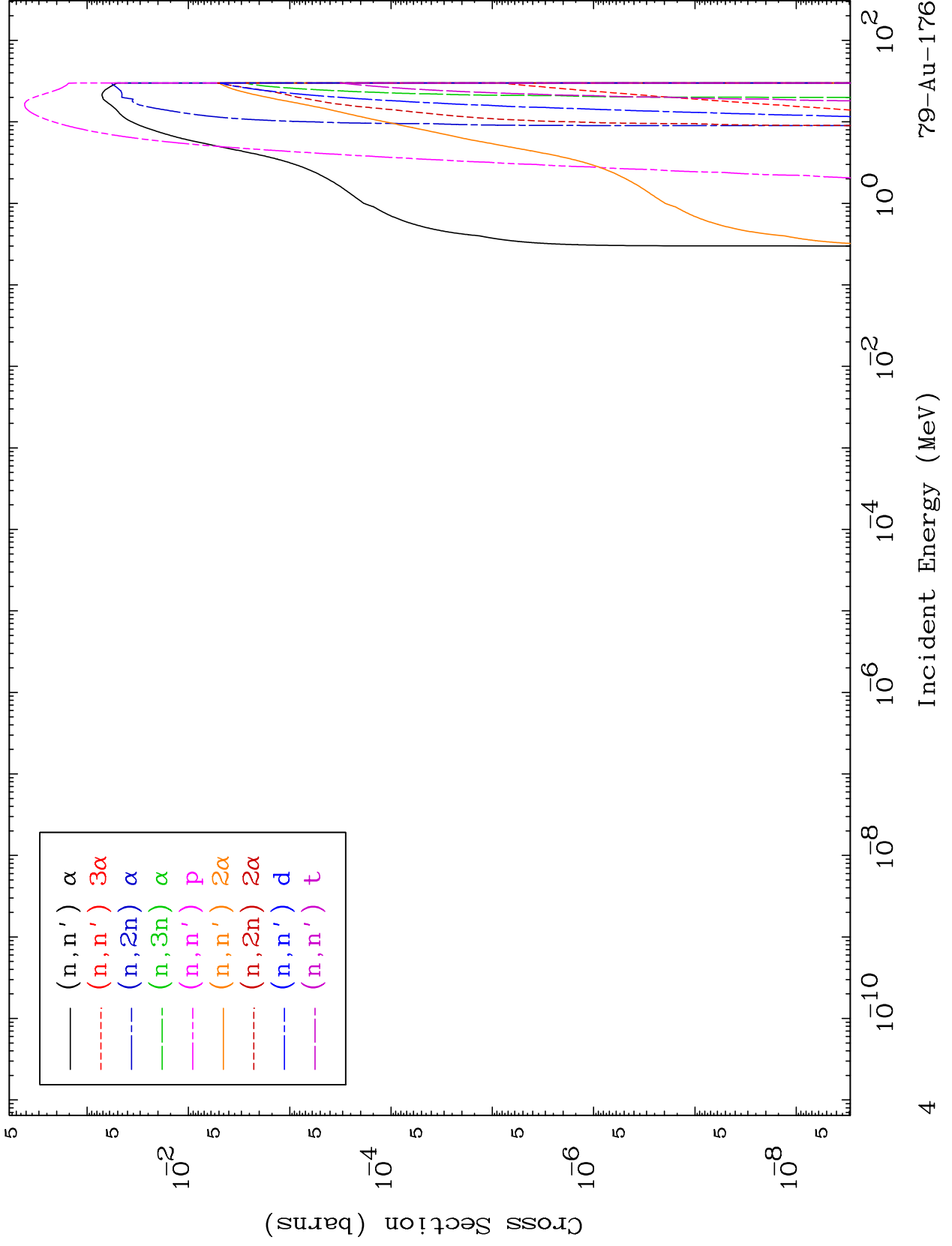
79-Au-176

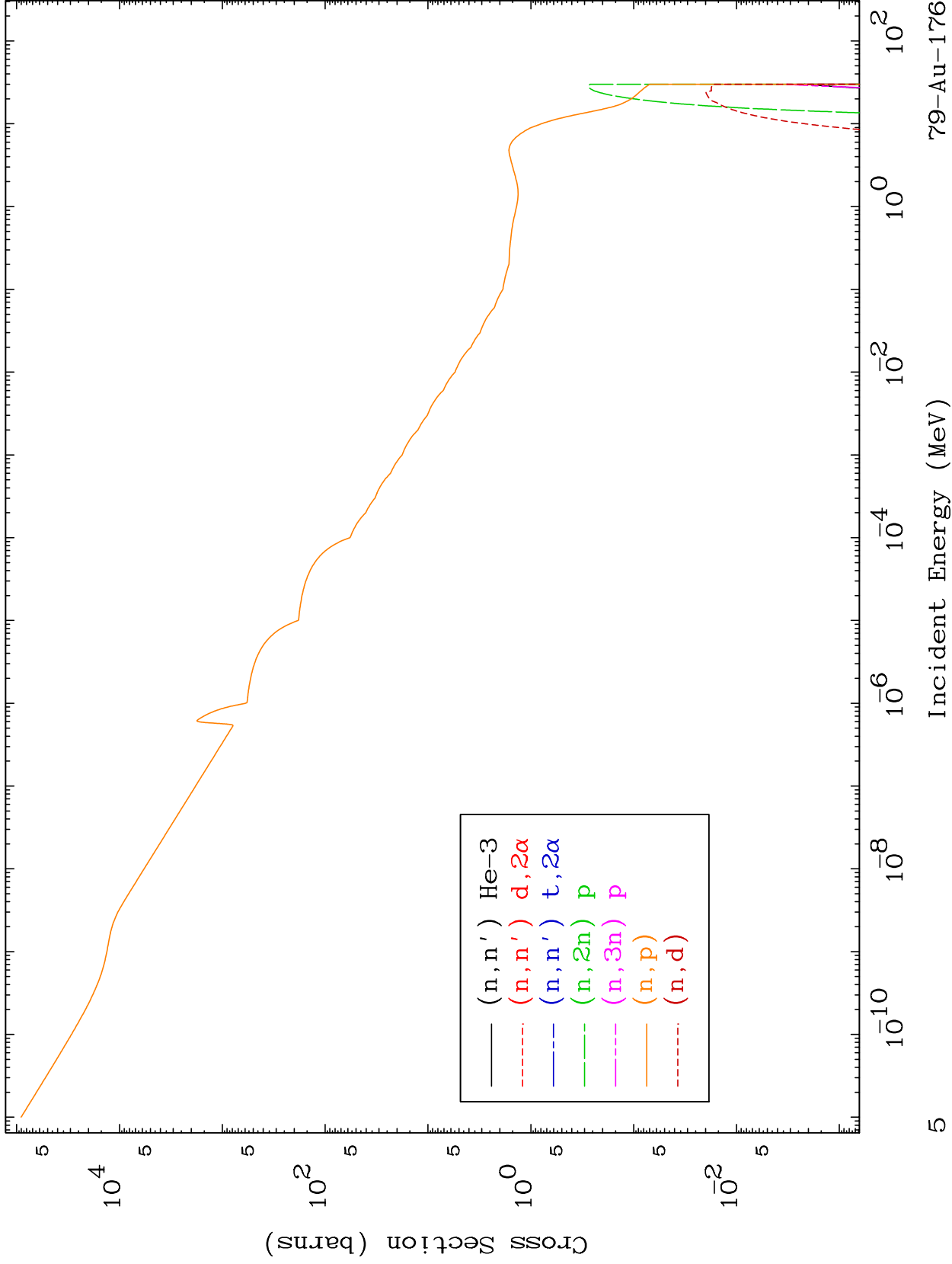


MAT 7862

Charged Particle
293 Kelvin Cross Sections

79-Au-176

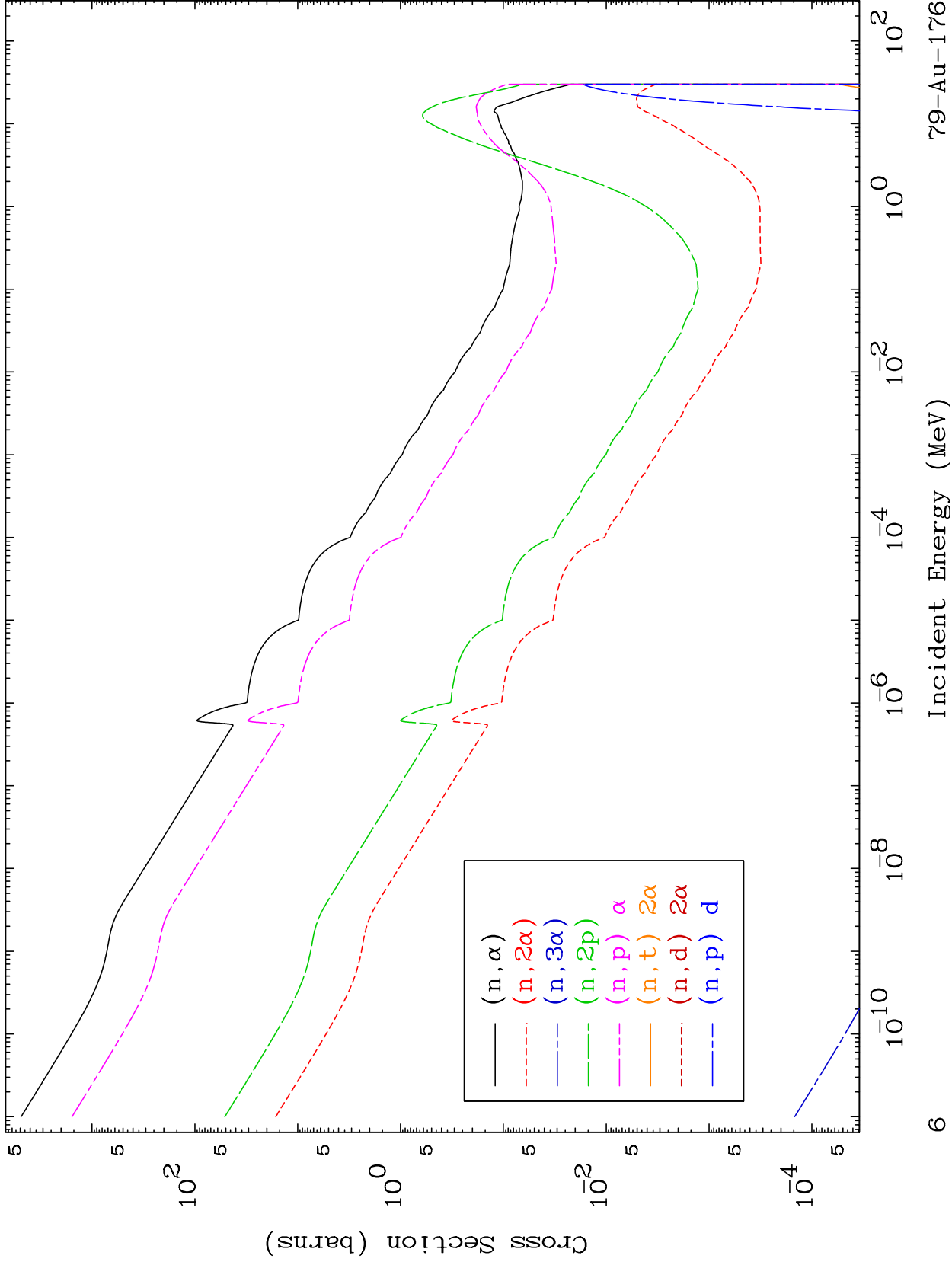




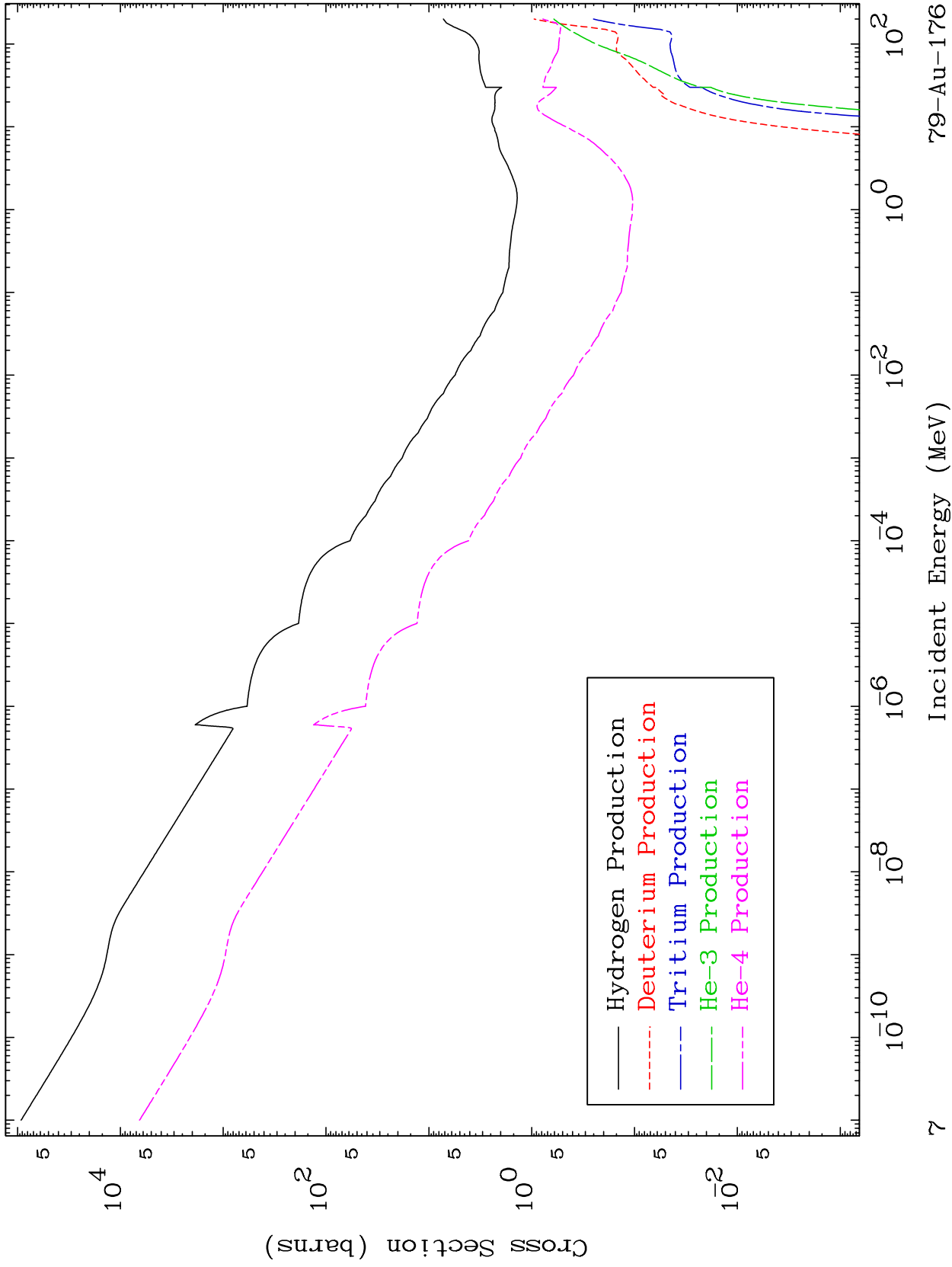
MAT 7862

Charged Particle
293 Kelvin Cross Sections

79-Au-176



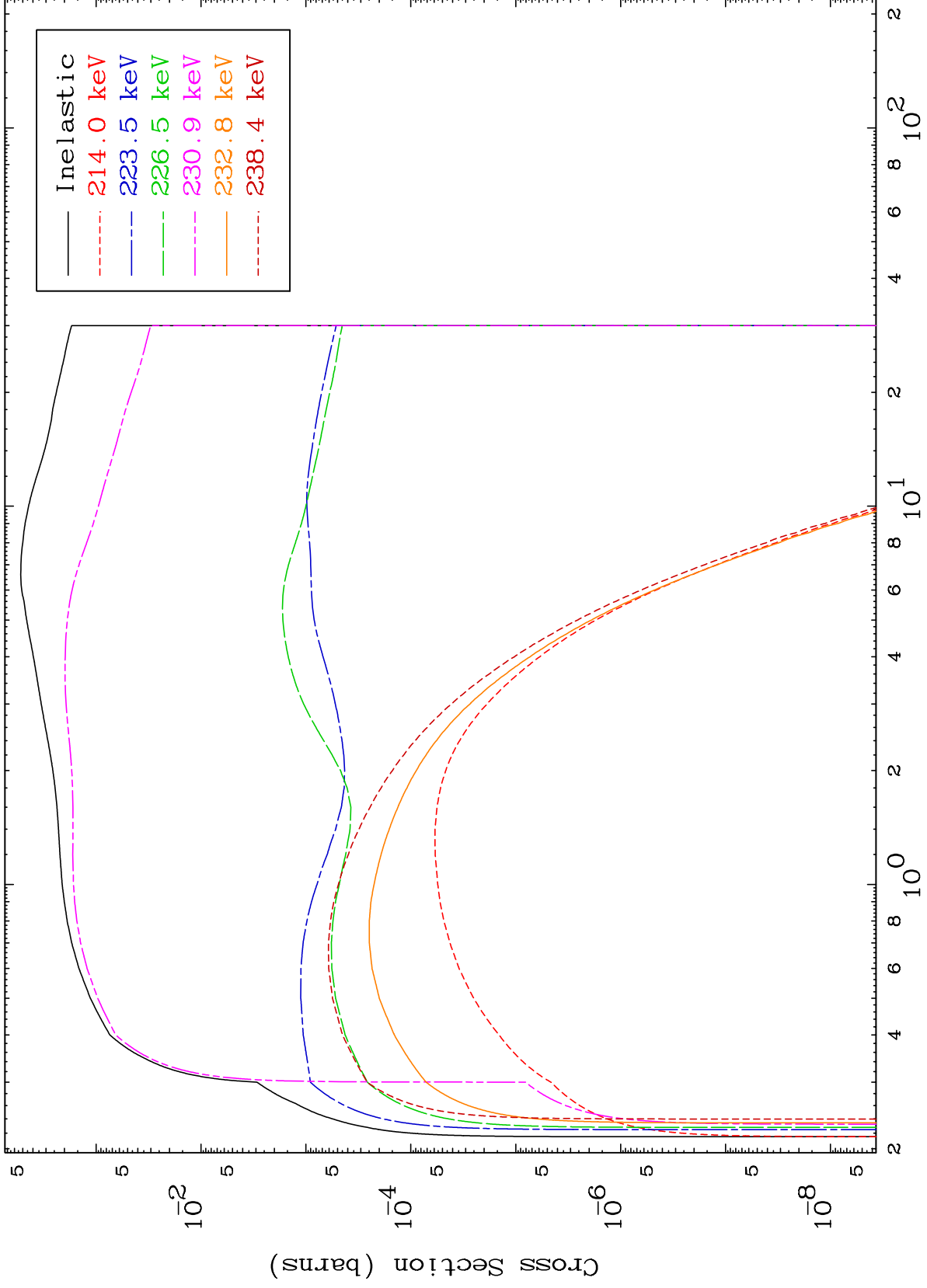
79-Au-176



MAT 7862

(n,n') Level
293 Kelvin Cross Sections

79-Au-176



8

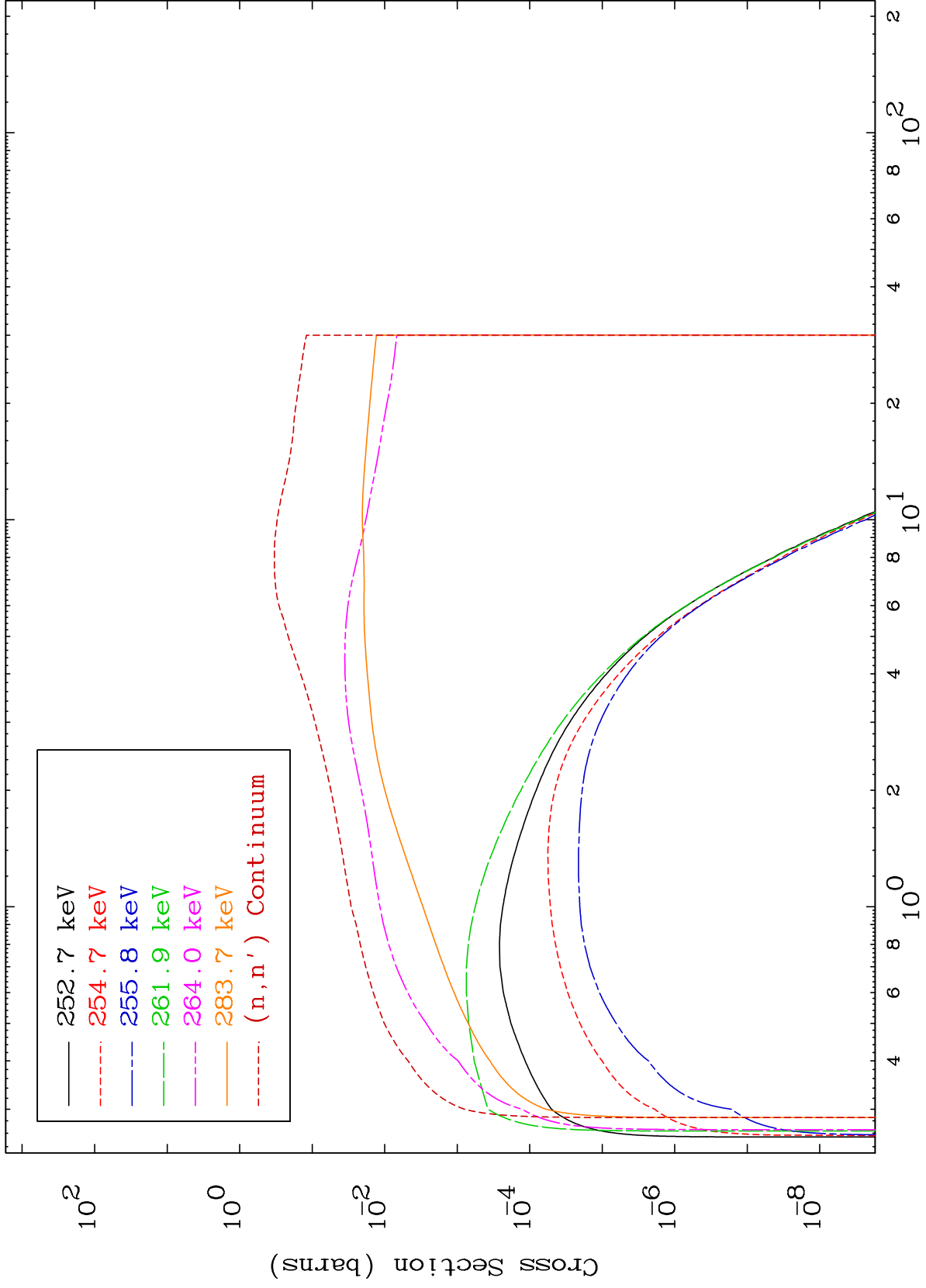
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,n') Level
293 Kelvin Cross Sections

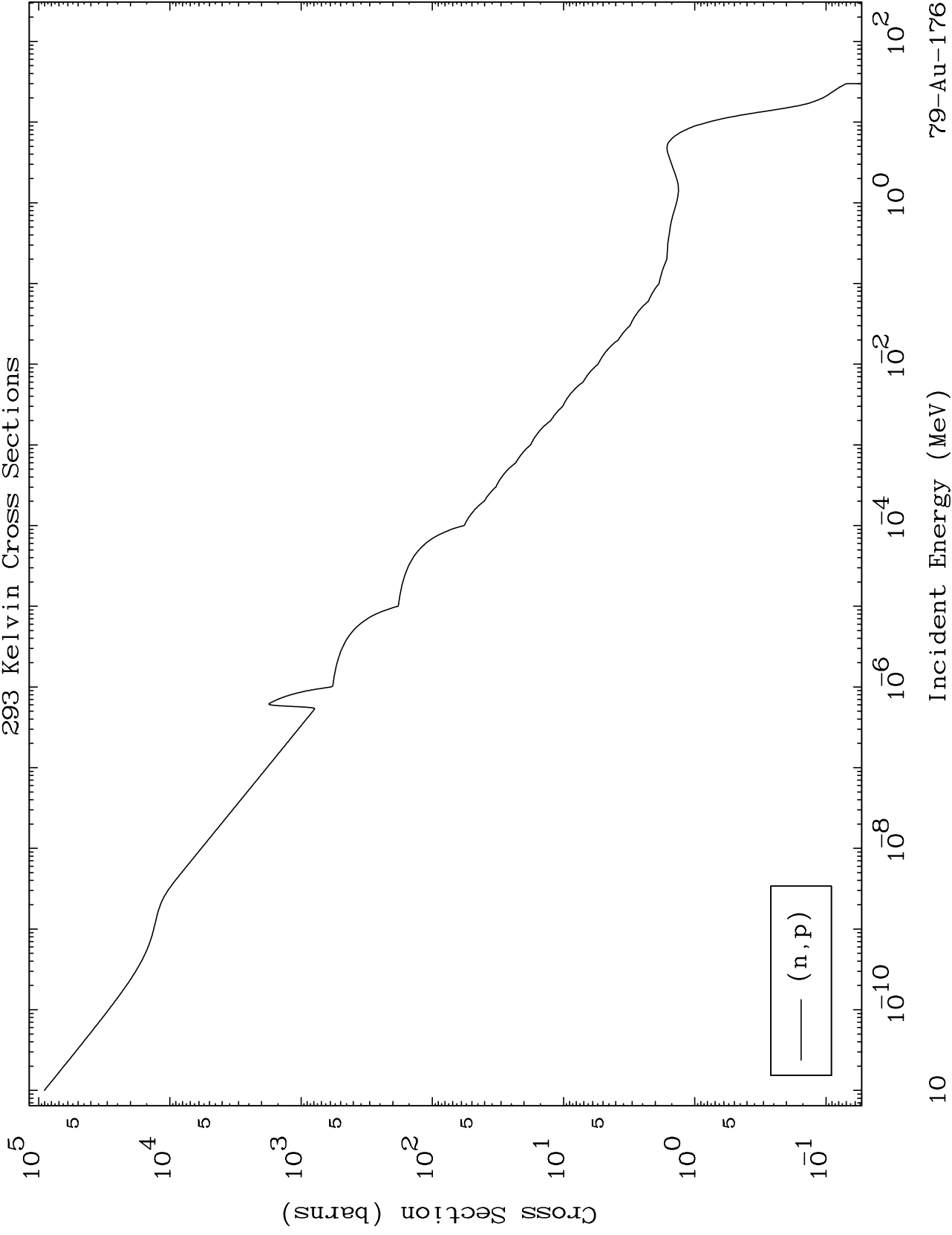
79-Au-176



MAT 7862

(n,p) Levels
293 Kelvin Cross Sections

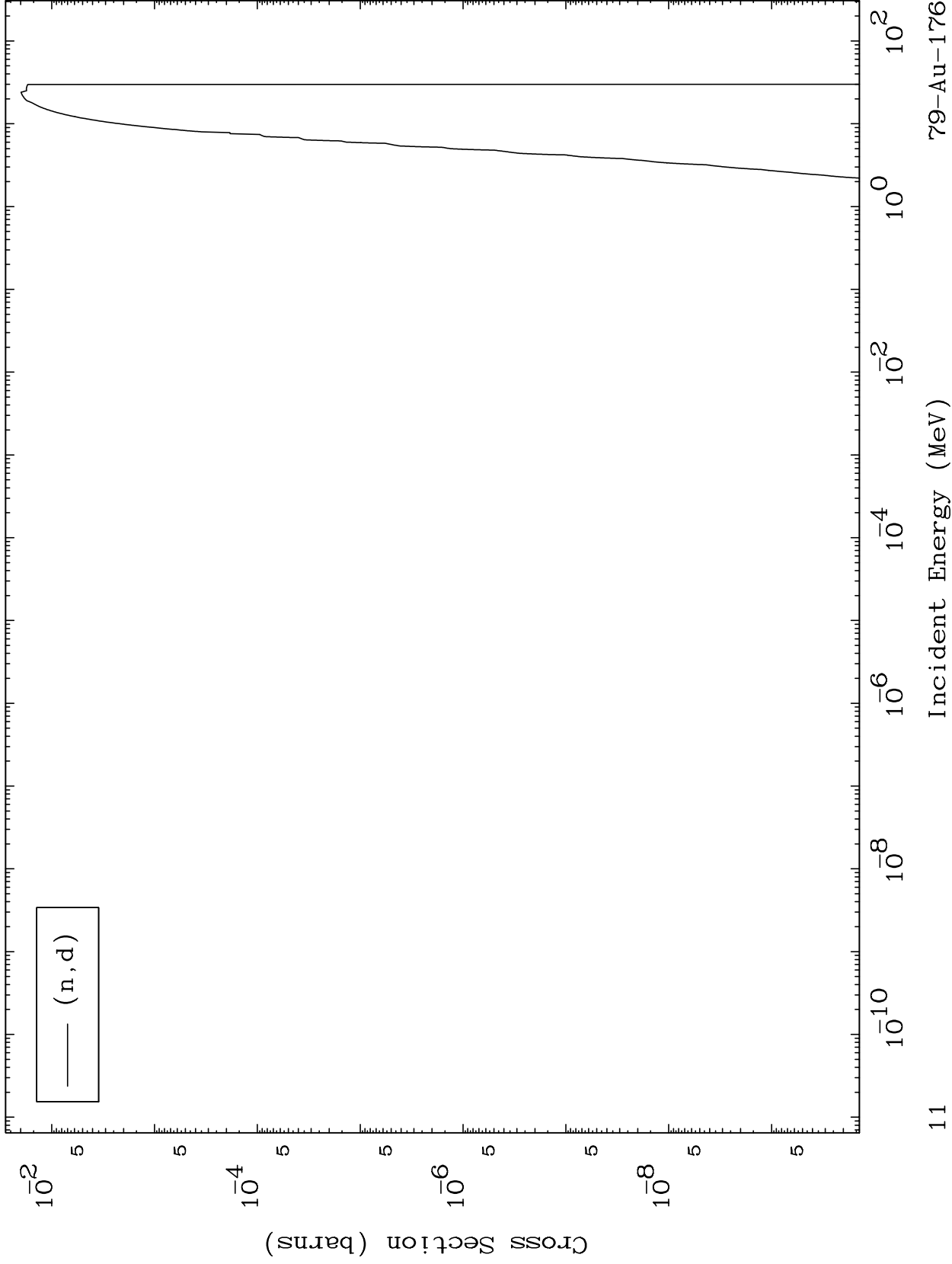
79-Au-176



MAT 7862

(n,d) Levels
293 Kelvin Cross Sections

79-Au-176

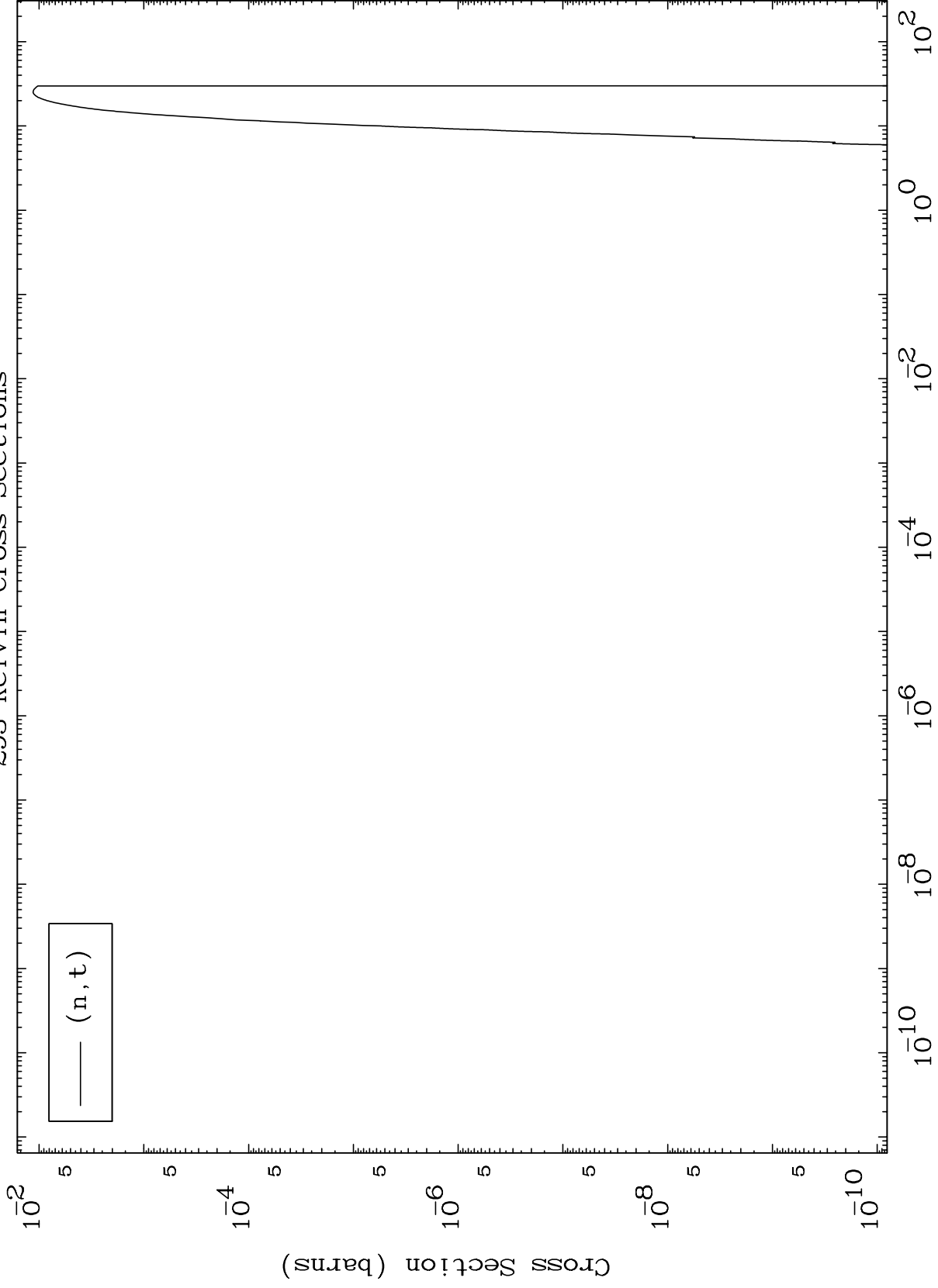


79-Au-176

MAT 7862

(n,t) Levels
293 Kelvin Cross Sections

79-Au-176



(n,t)

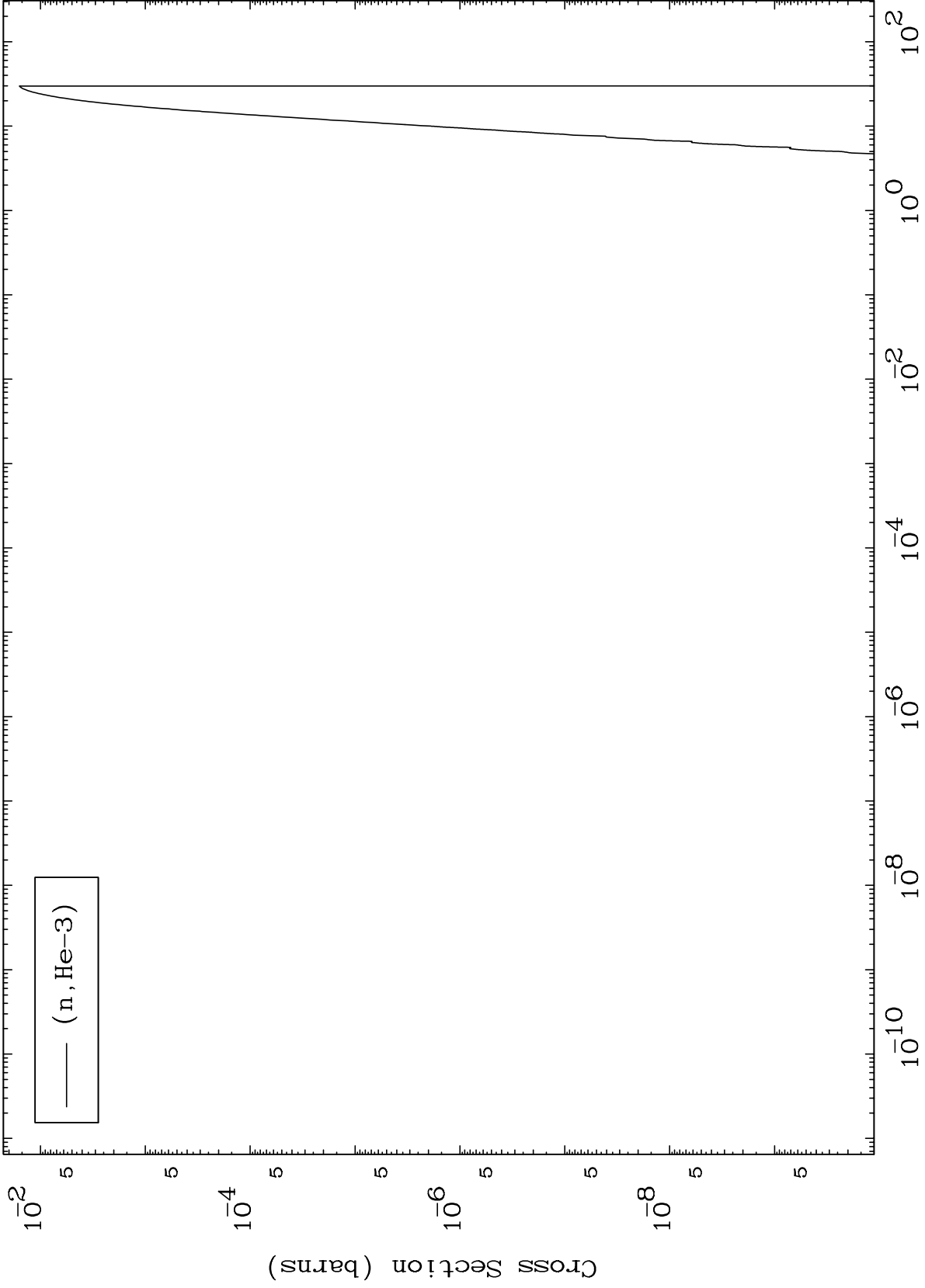
Incident Energy (MeV)

79-Au-176

MAT 7862

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-176

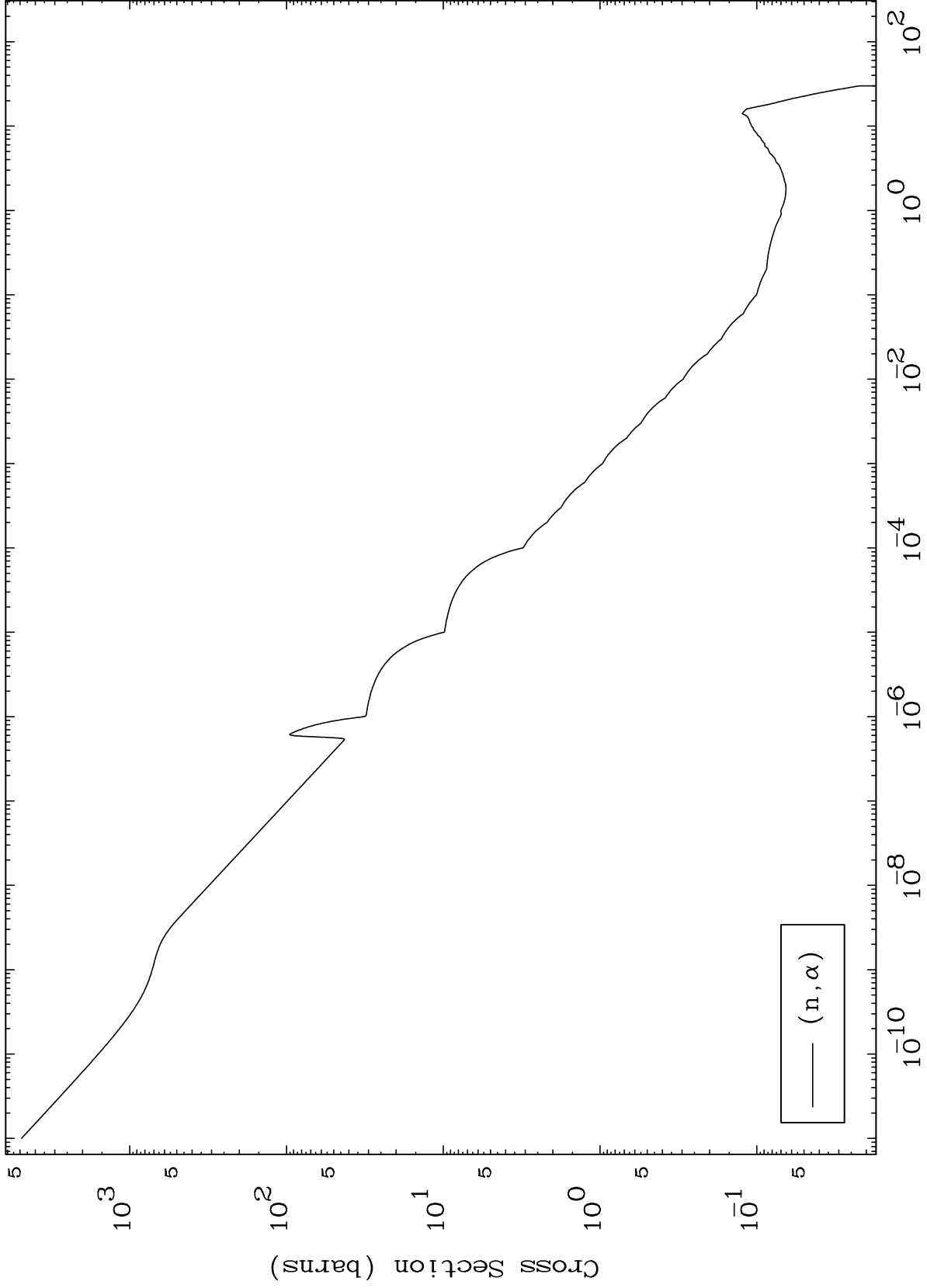


(n, He-3)

MAT 7862

(n,α) Levels
293 Kelvin Cross Sections

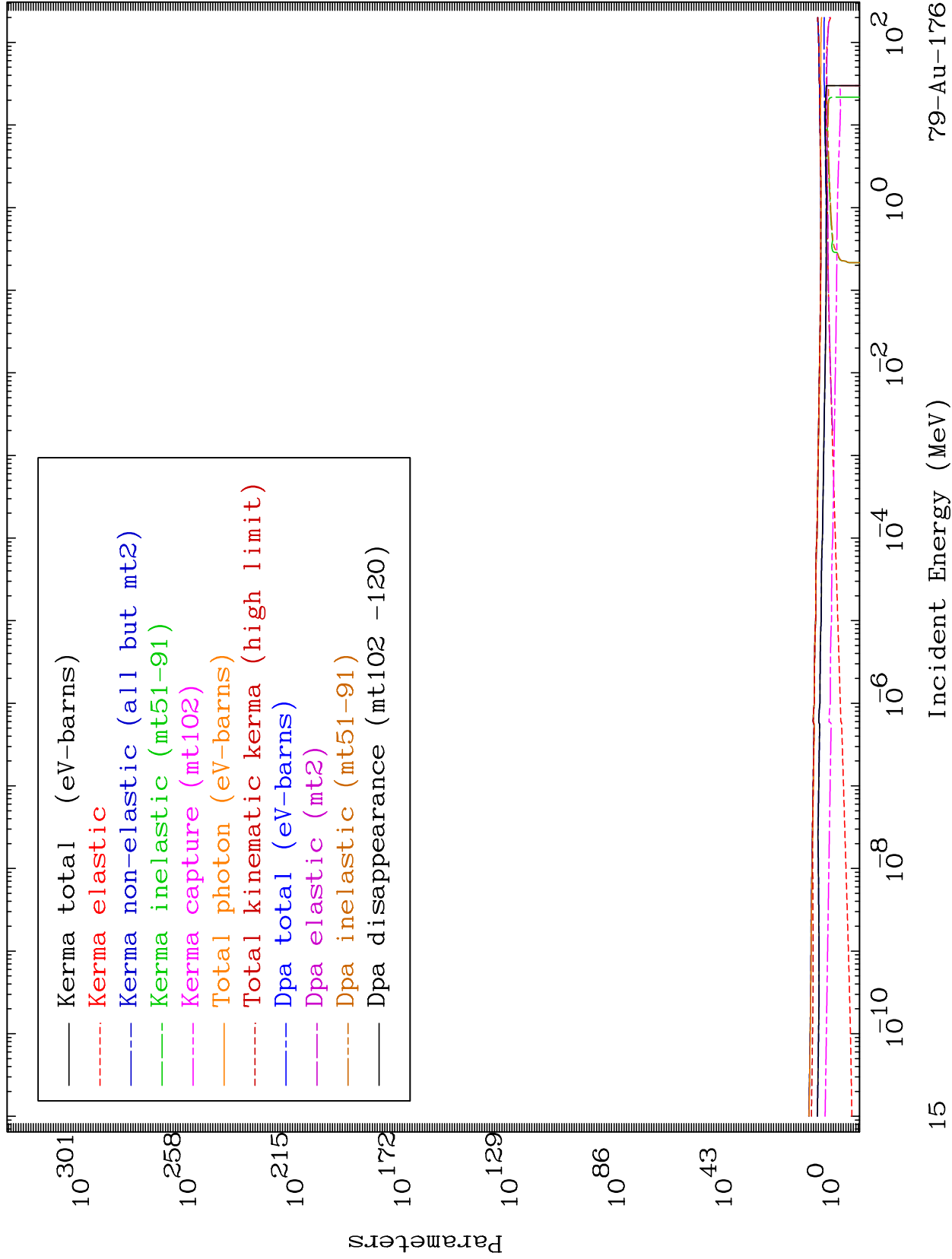
79-Au-176



14

Incident Energy (MeV)

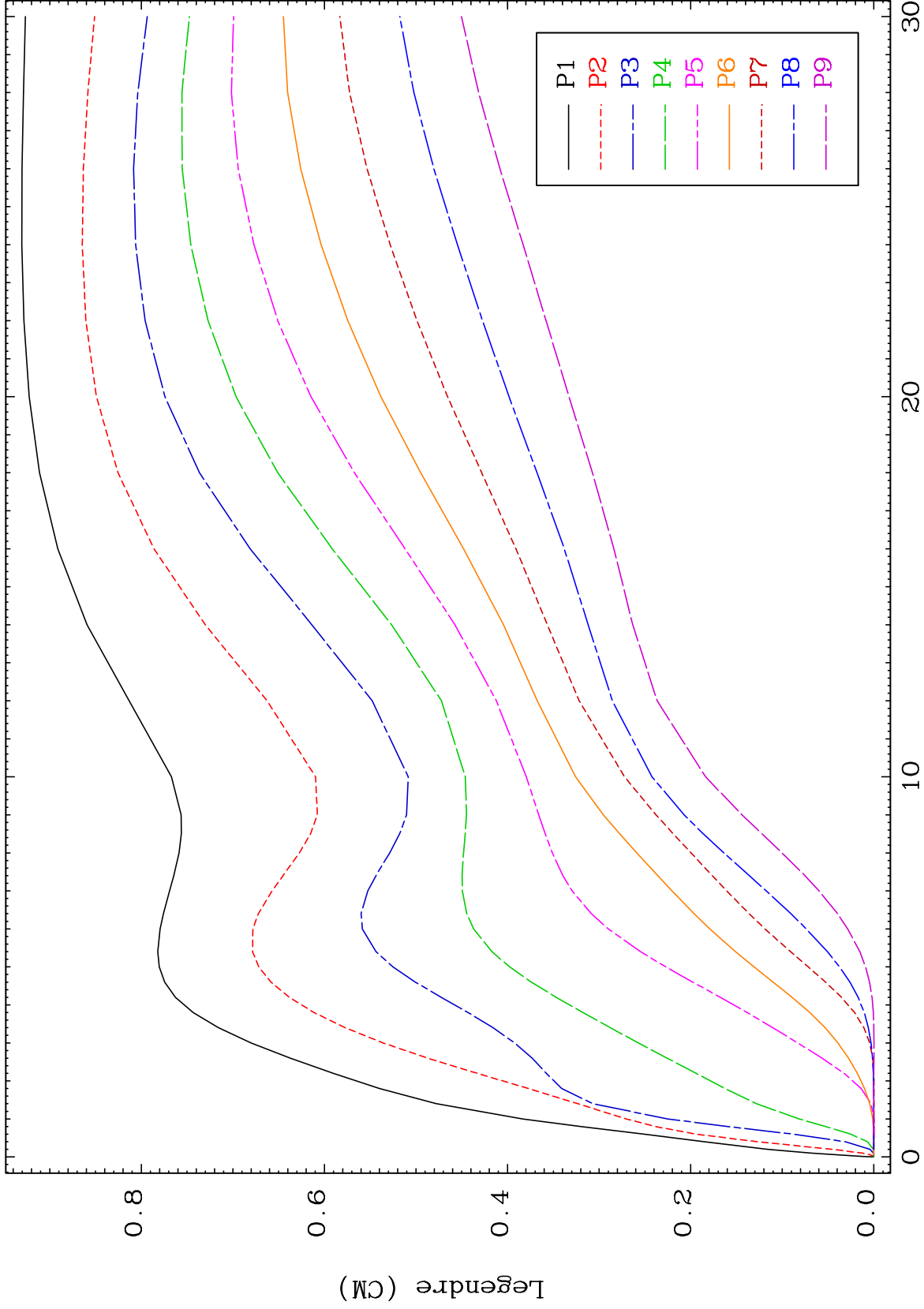
79-Au-176



MAT 7862

Elastic Legendre Coefficients

79-Au-176



16

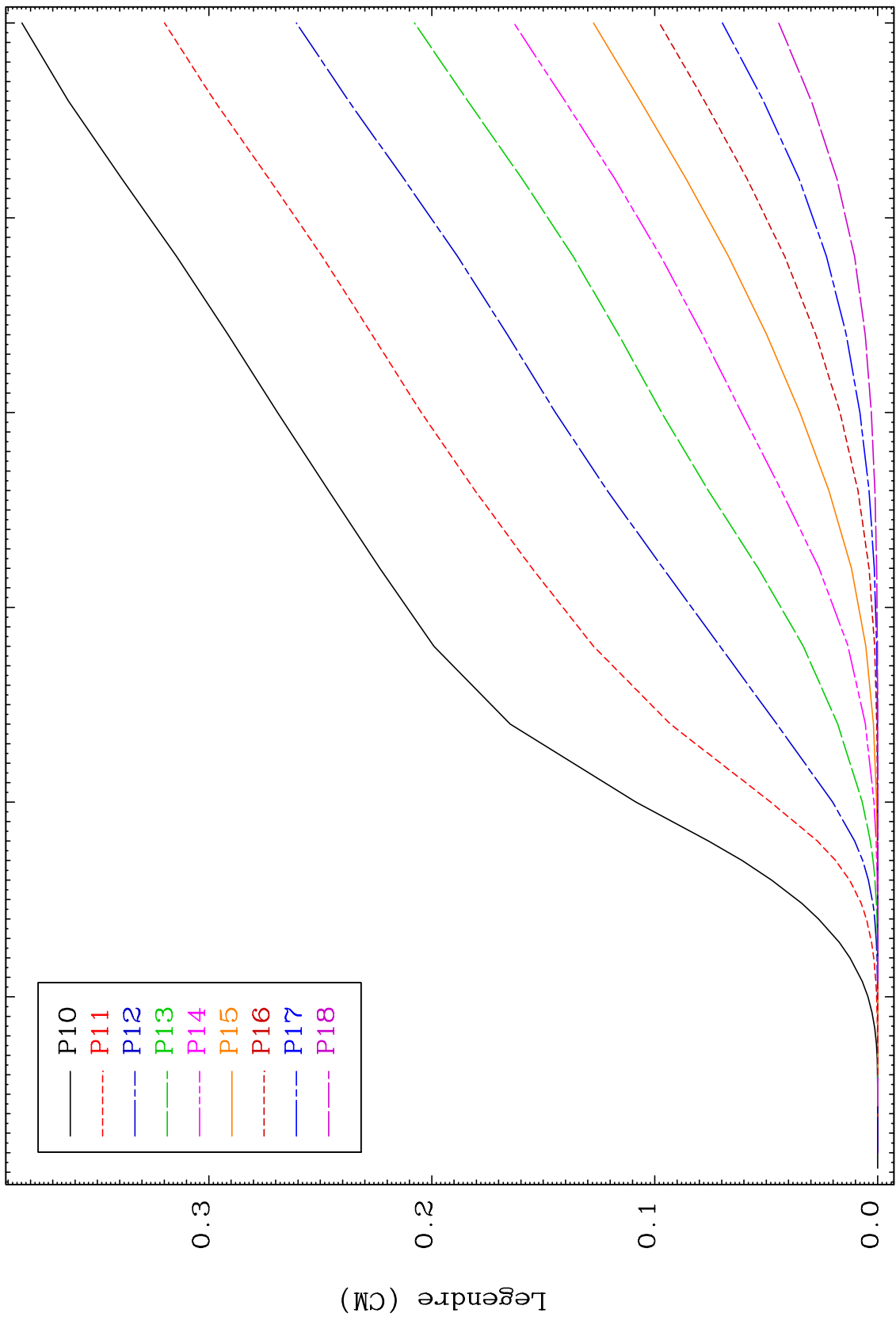
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

79-Au-176



17

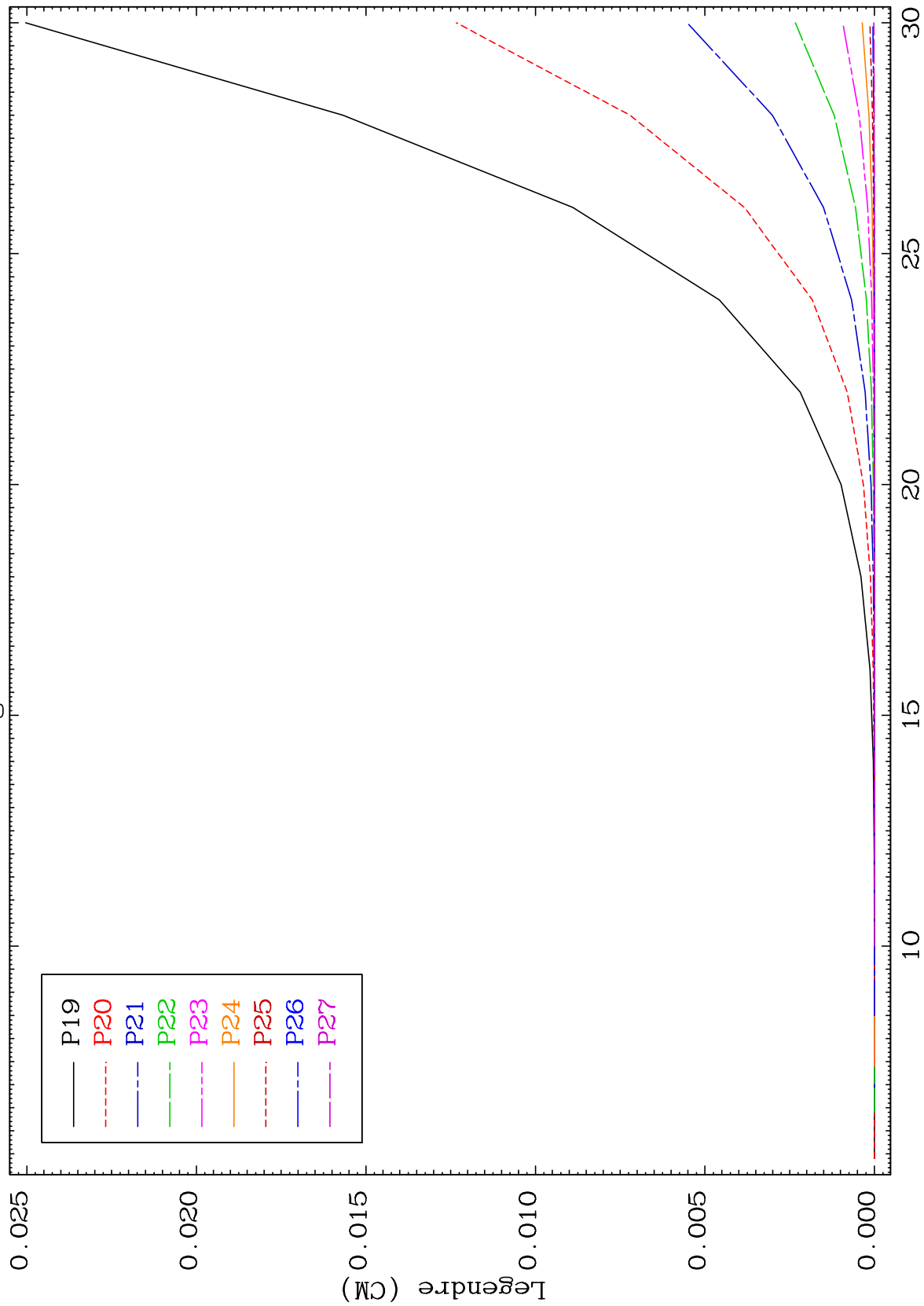
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

79-Au-176



18

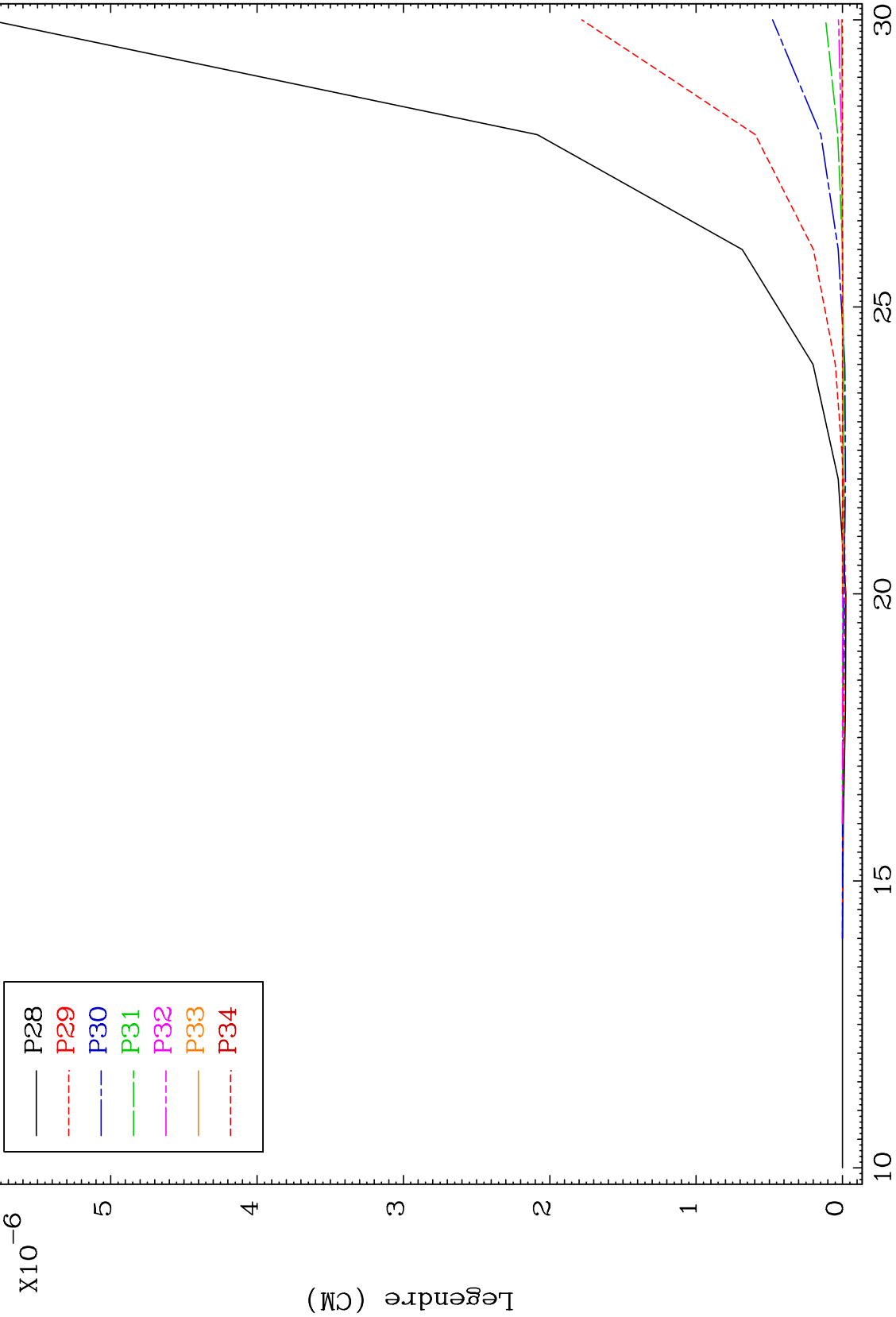
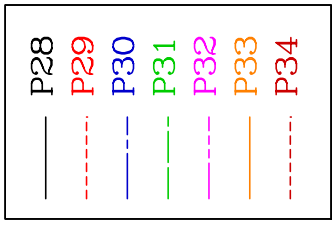
Incident Energy (MeV)

79-Au-176

MAT 7862

Elastic Legendre Coefficients

79-Au-176



19

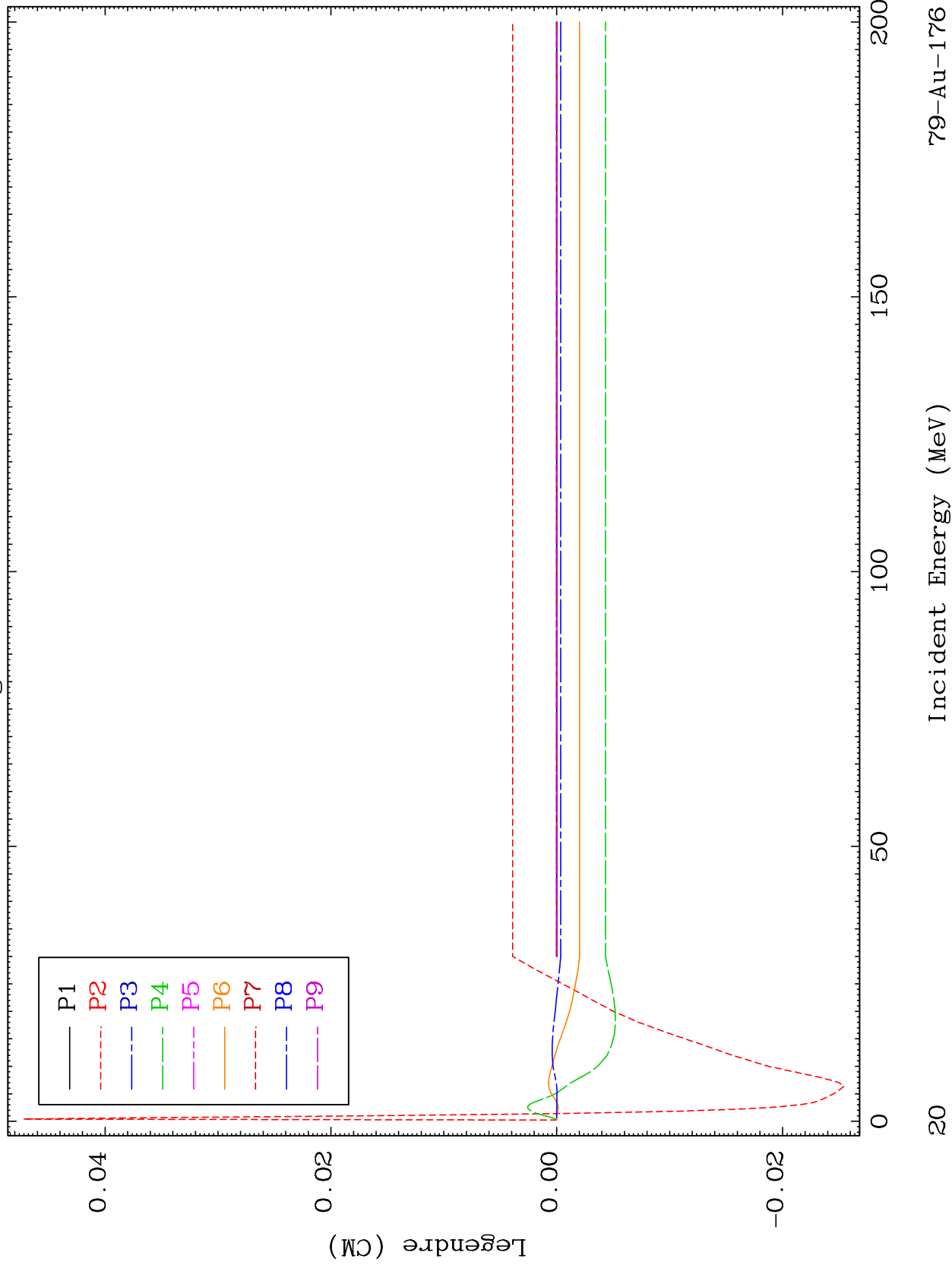
Incident Energy (MeV)

79-Au-176

MAT 7862

214.0 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

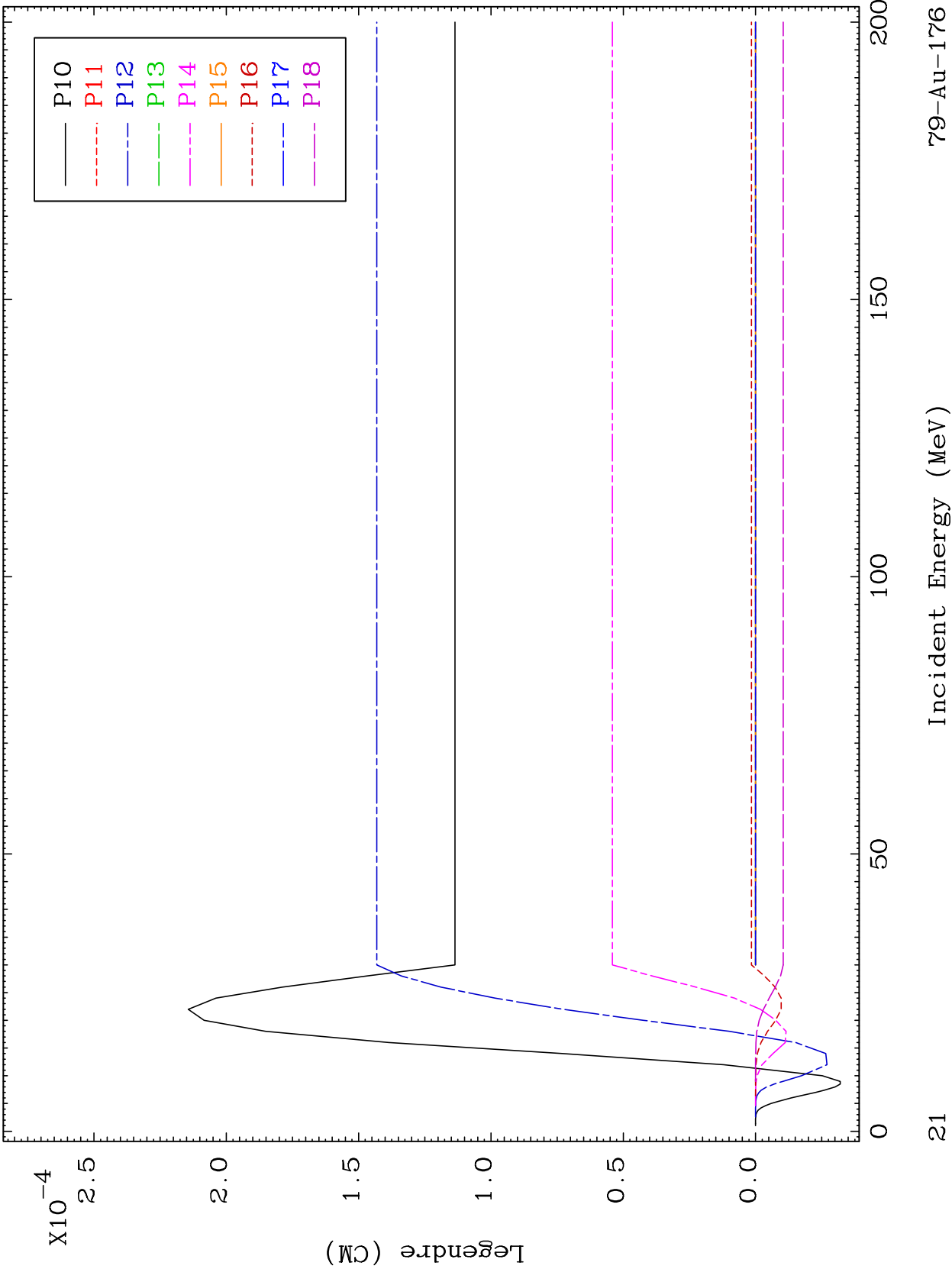
Incident Energy (MeV)

0

MAT 7862

214.0 keV (n,n') Level
Legendre Coefficients

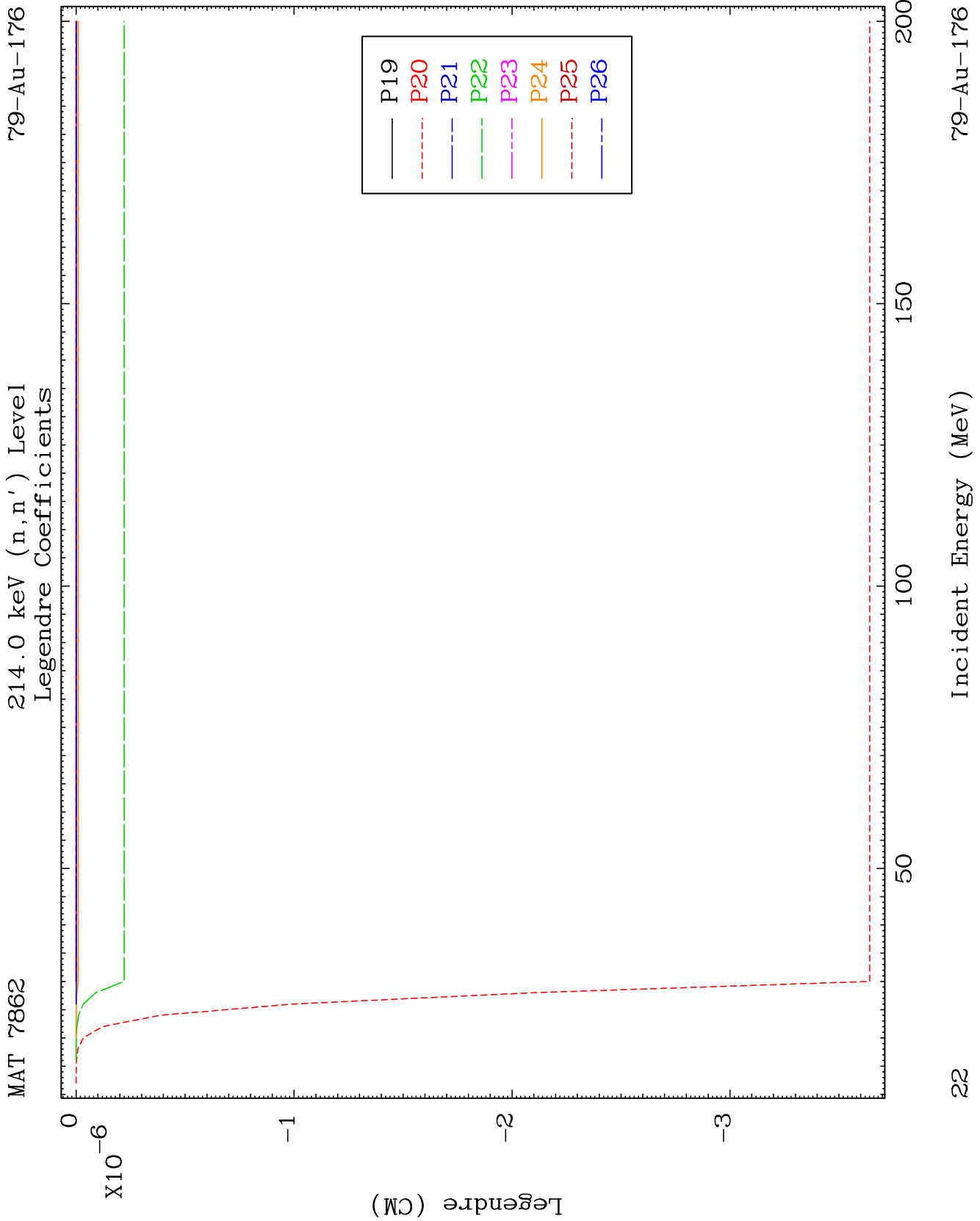
79-Au-176



21

Incident Energy (MeV)

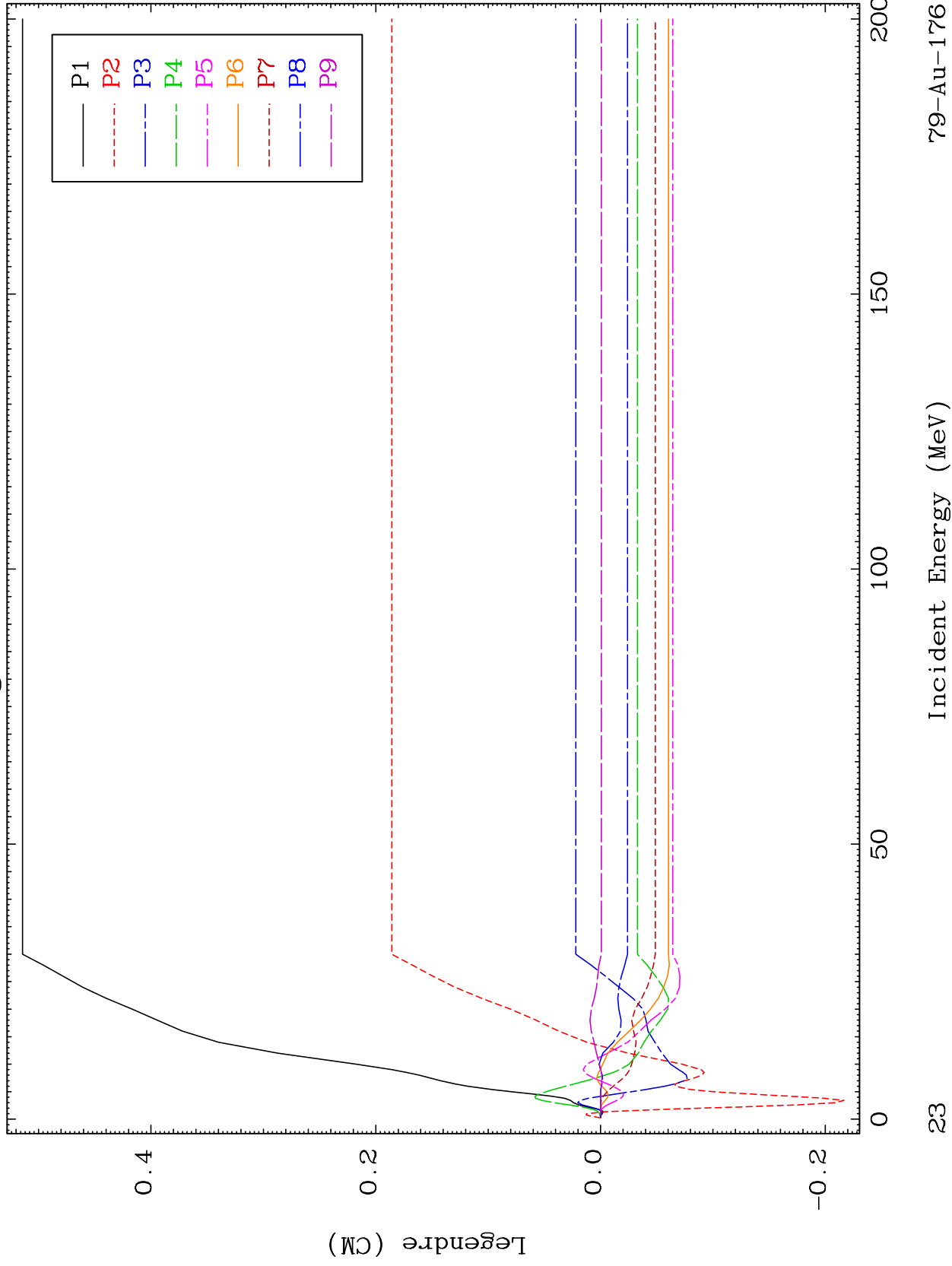
79-Au-176



MAT 7862

223.5 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

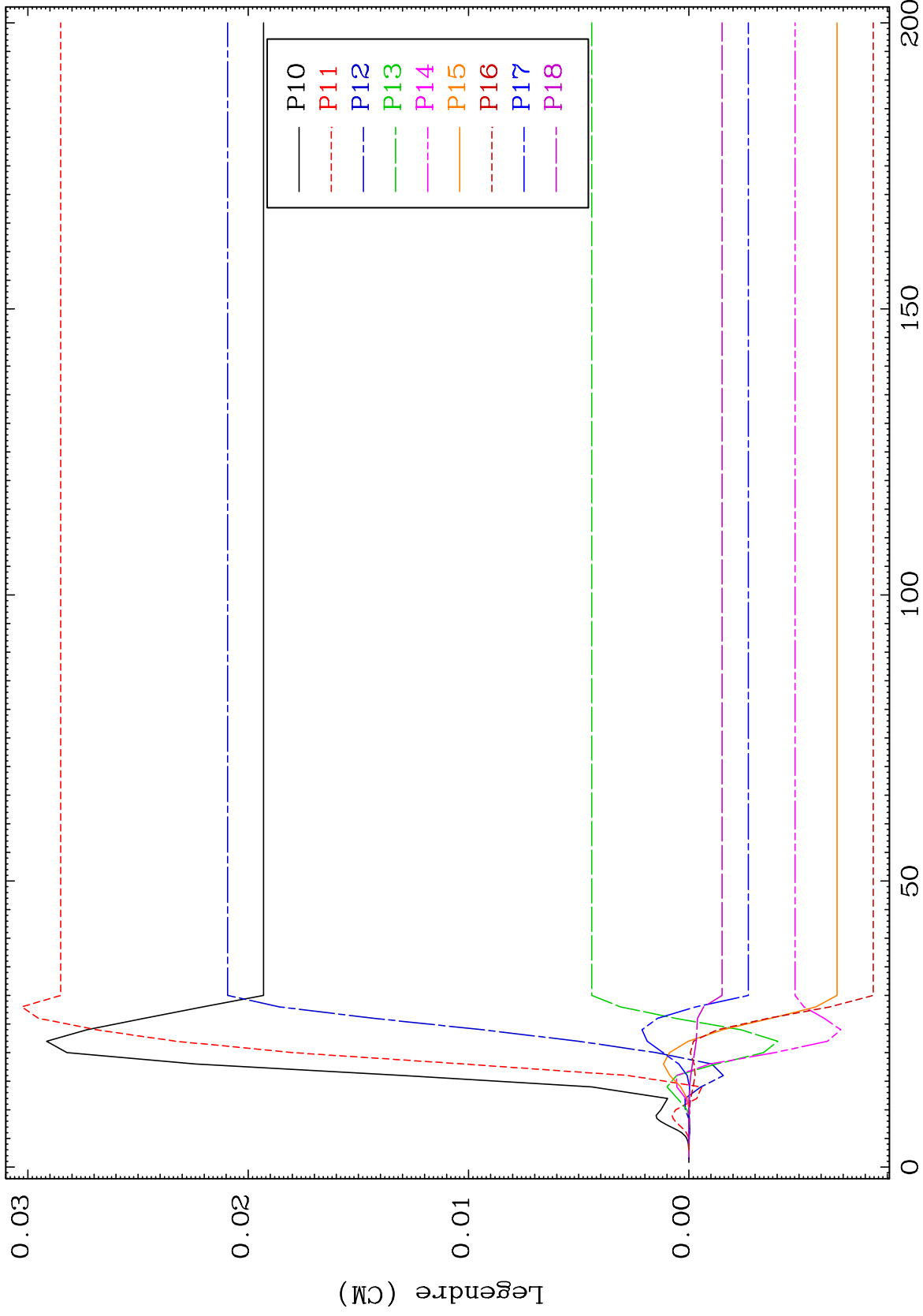
Incident Energy (MeV)

23

MAT 7862

223.5 keV (n,n') Level
Legendre Coefficients

79-Au-176



24

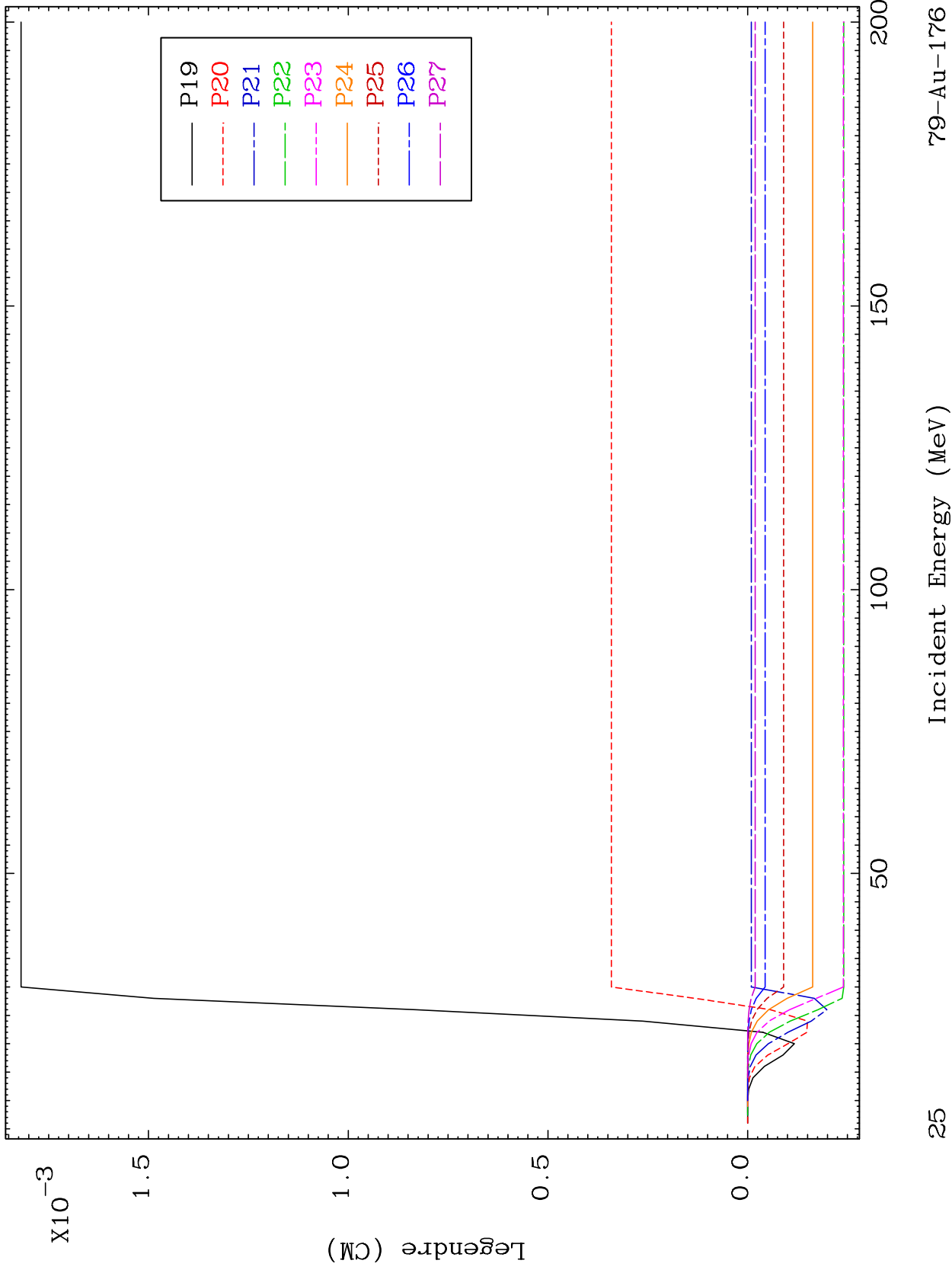
Incident Energy (MeV)

79-Au-176

MAT 7862

223.5 keV (n,n') Level
Legendre Coefficients

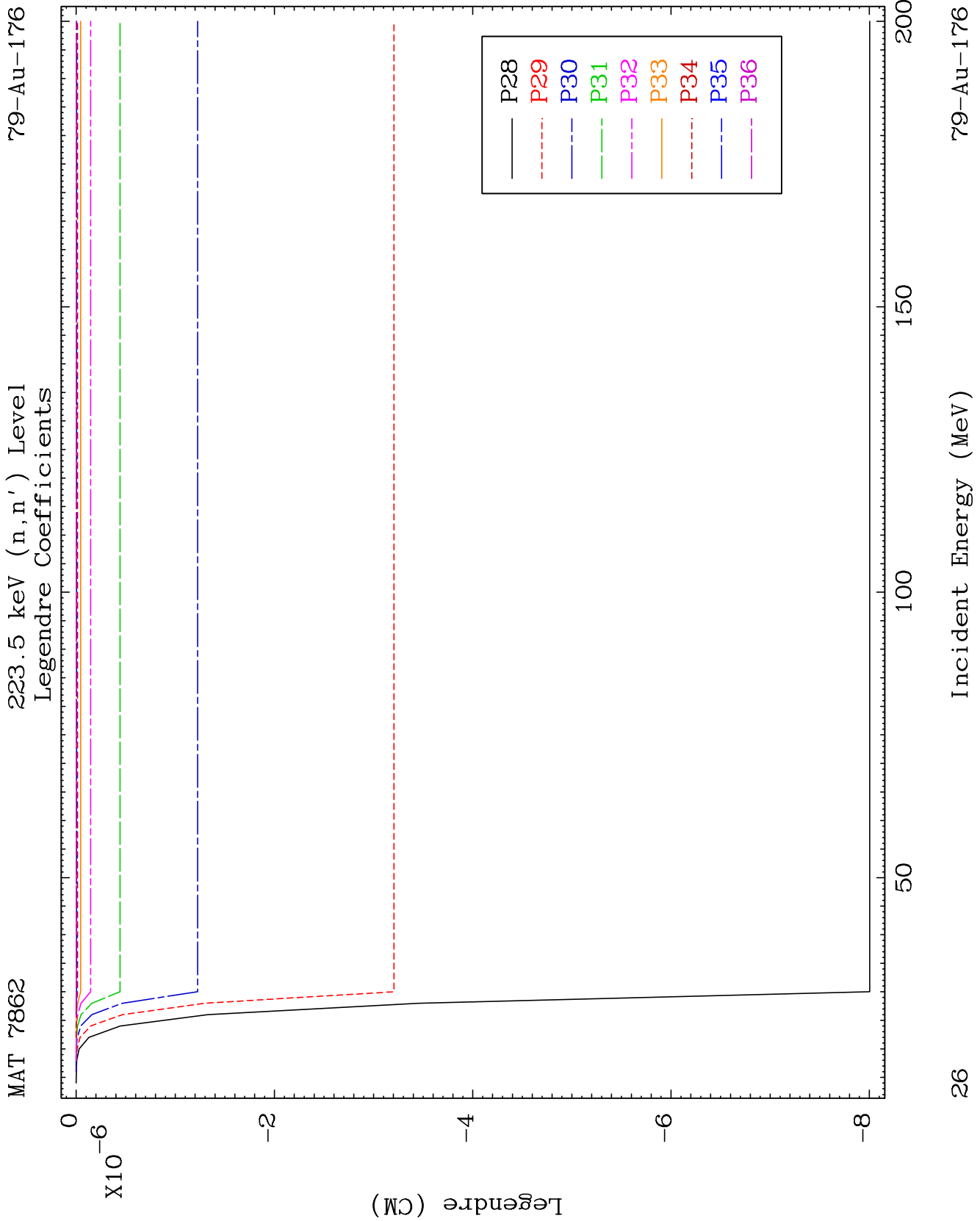
79-Au-176

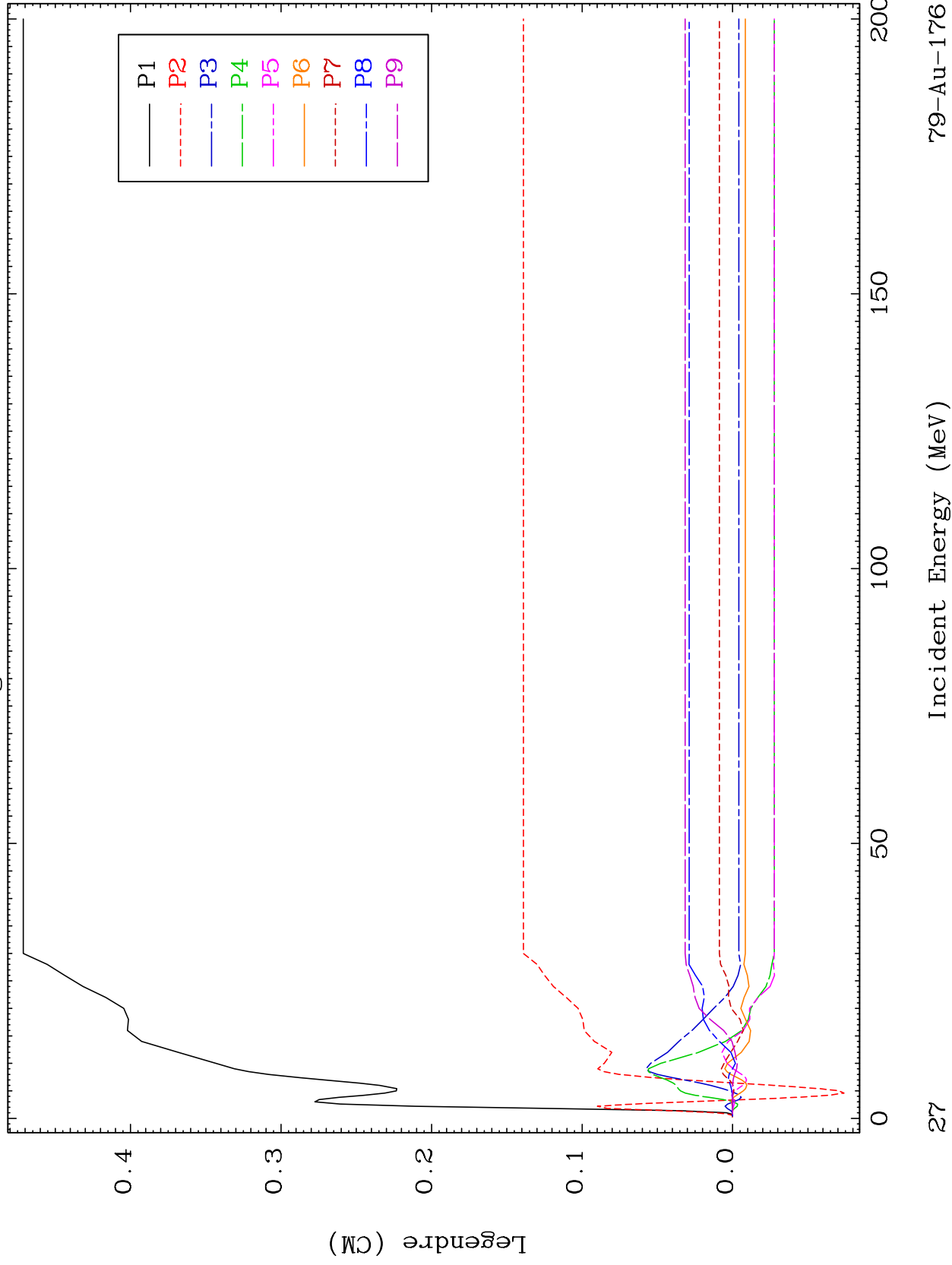


25

Incident Energy (MeV)

79-Au-176

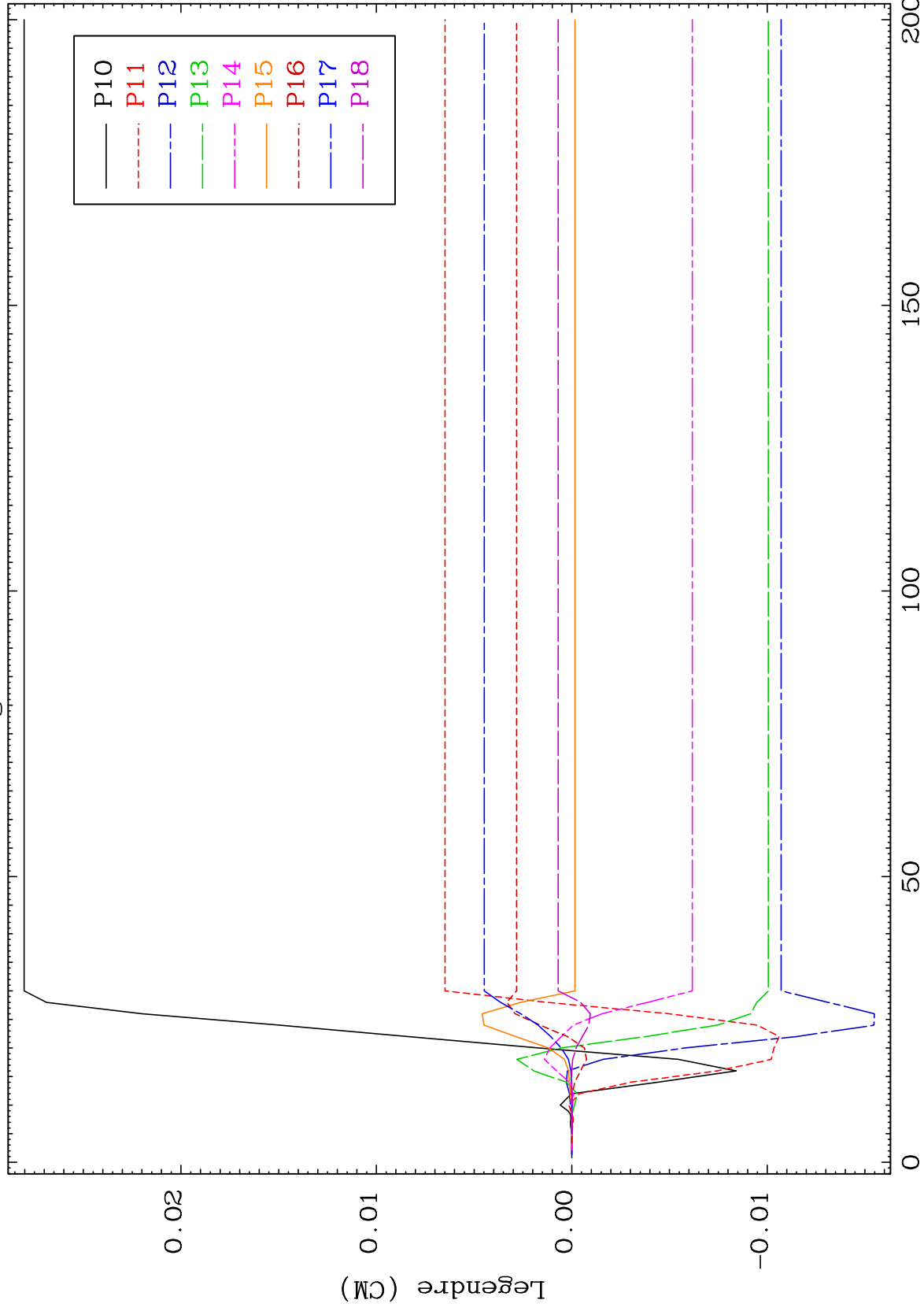




MAT 7862

226.5 keV (n,n') Level
Legendre Coefficients

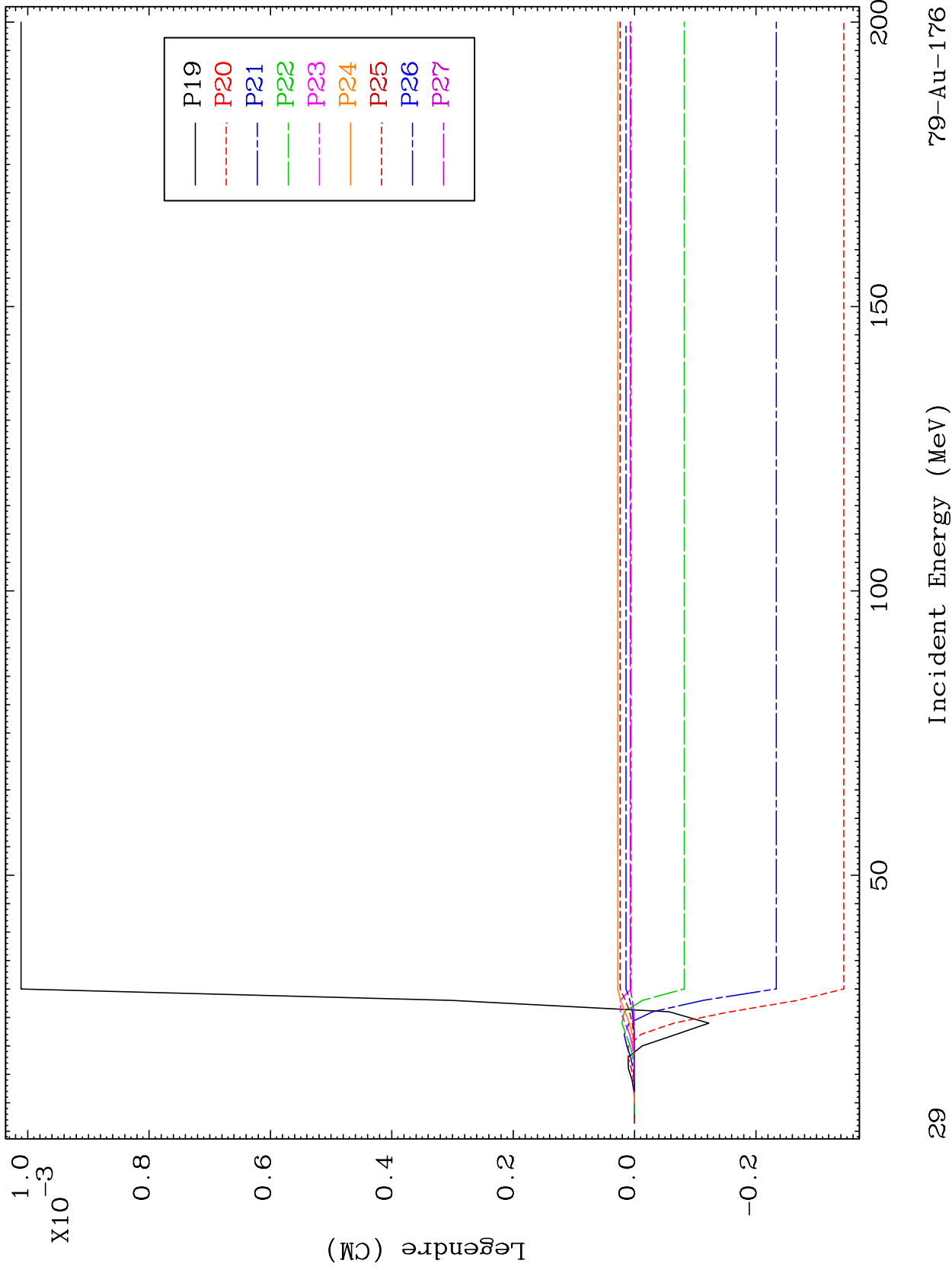
79-Au-176



28

Incident Energy (MeV)

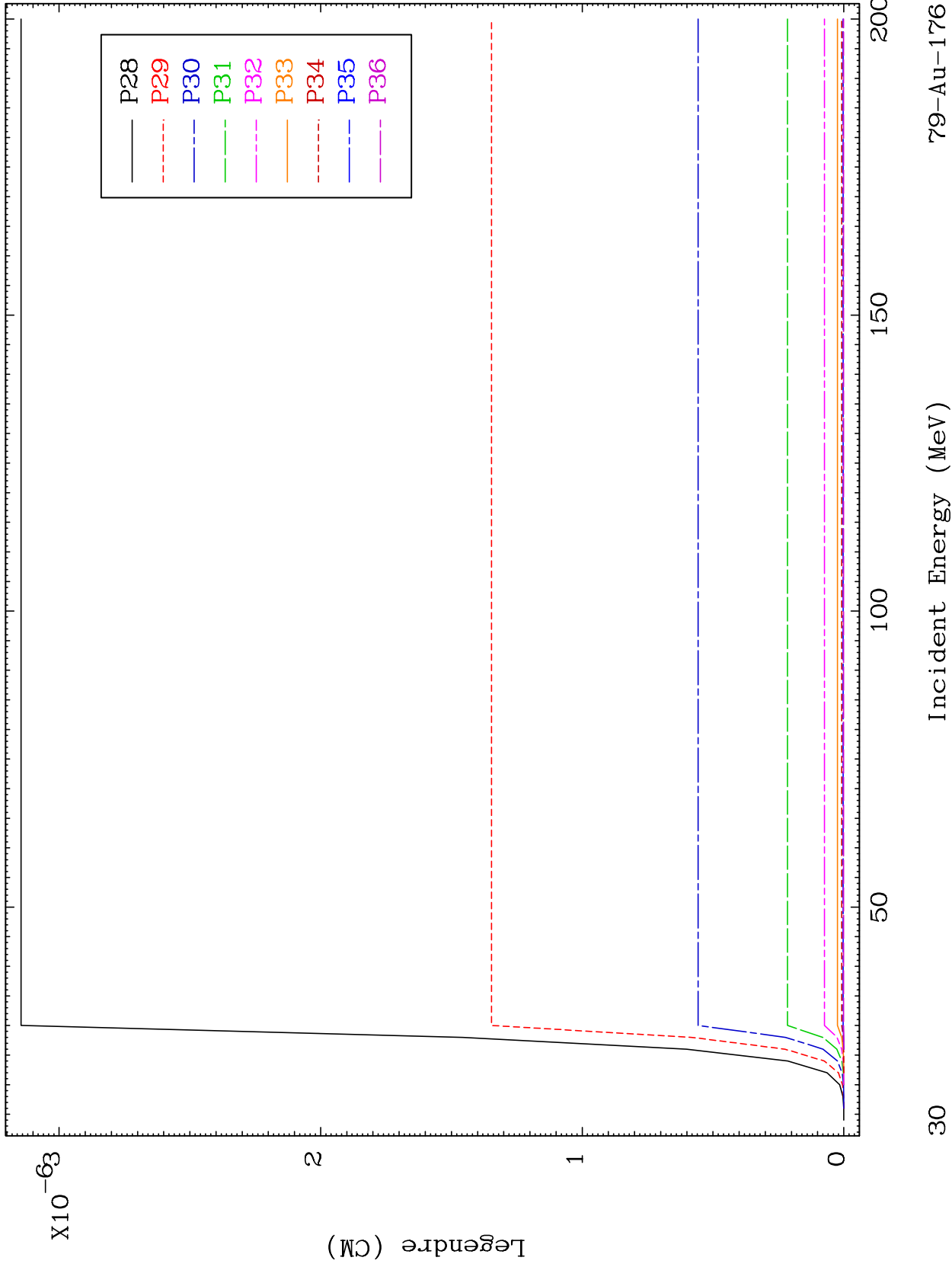
79-Au-176



MAT 7862

226.5 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

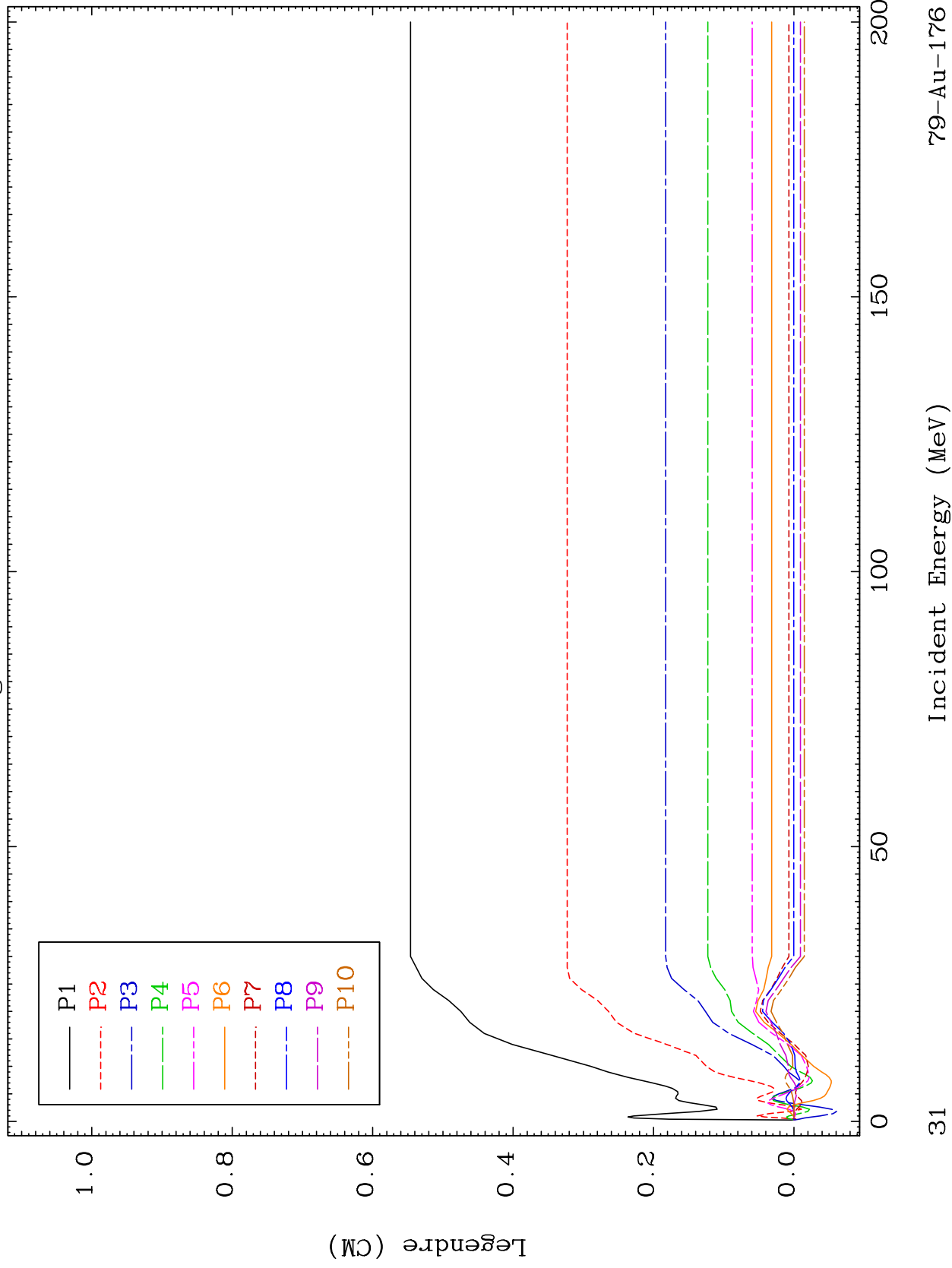
Incident Energy (MeV)

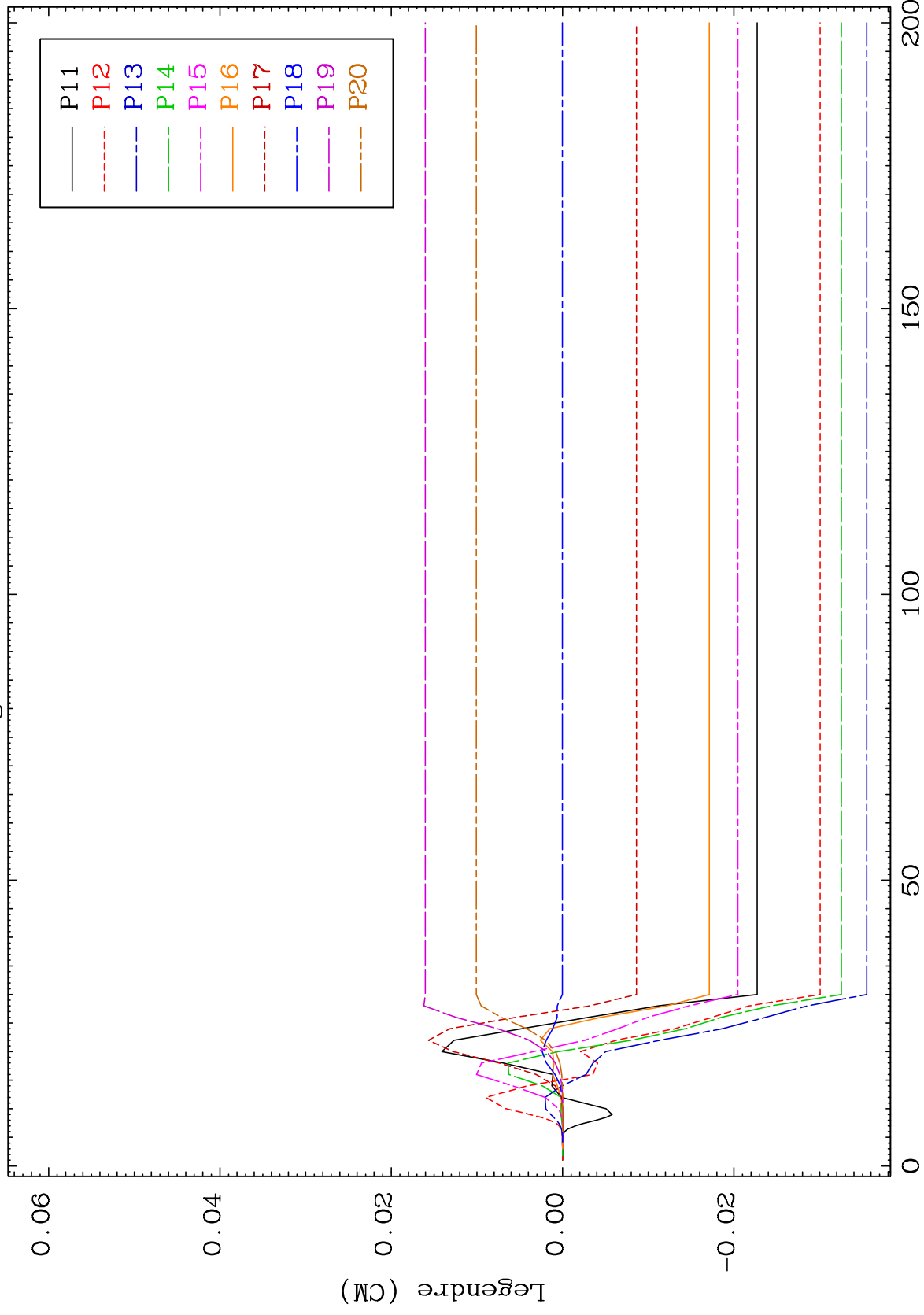
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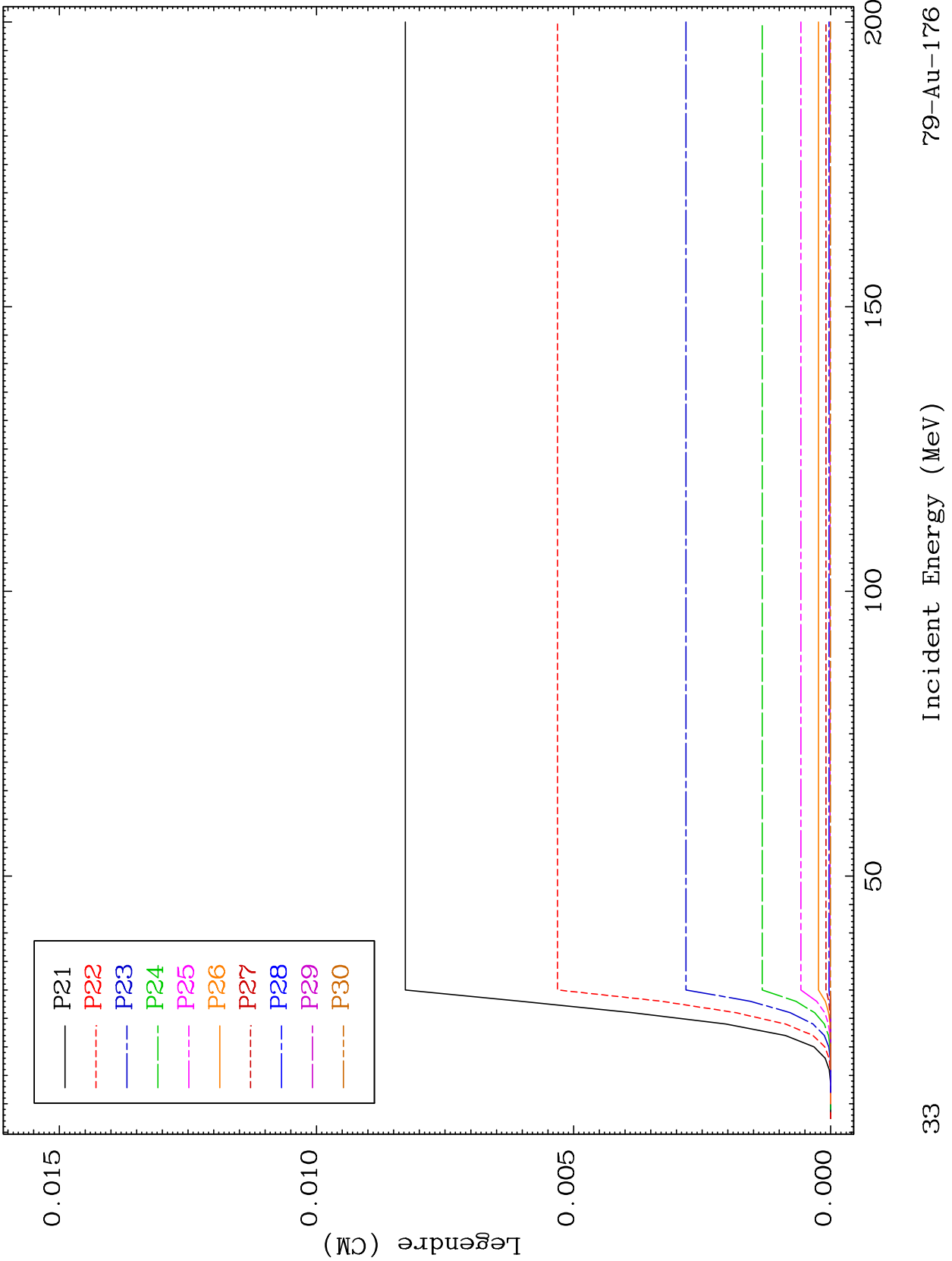
MAT 7862

230.9 keV (n,n') Level
Legendre Coefficients

79-Au-176



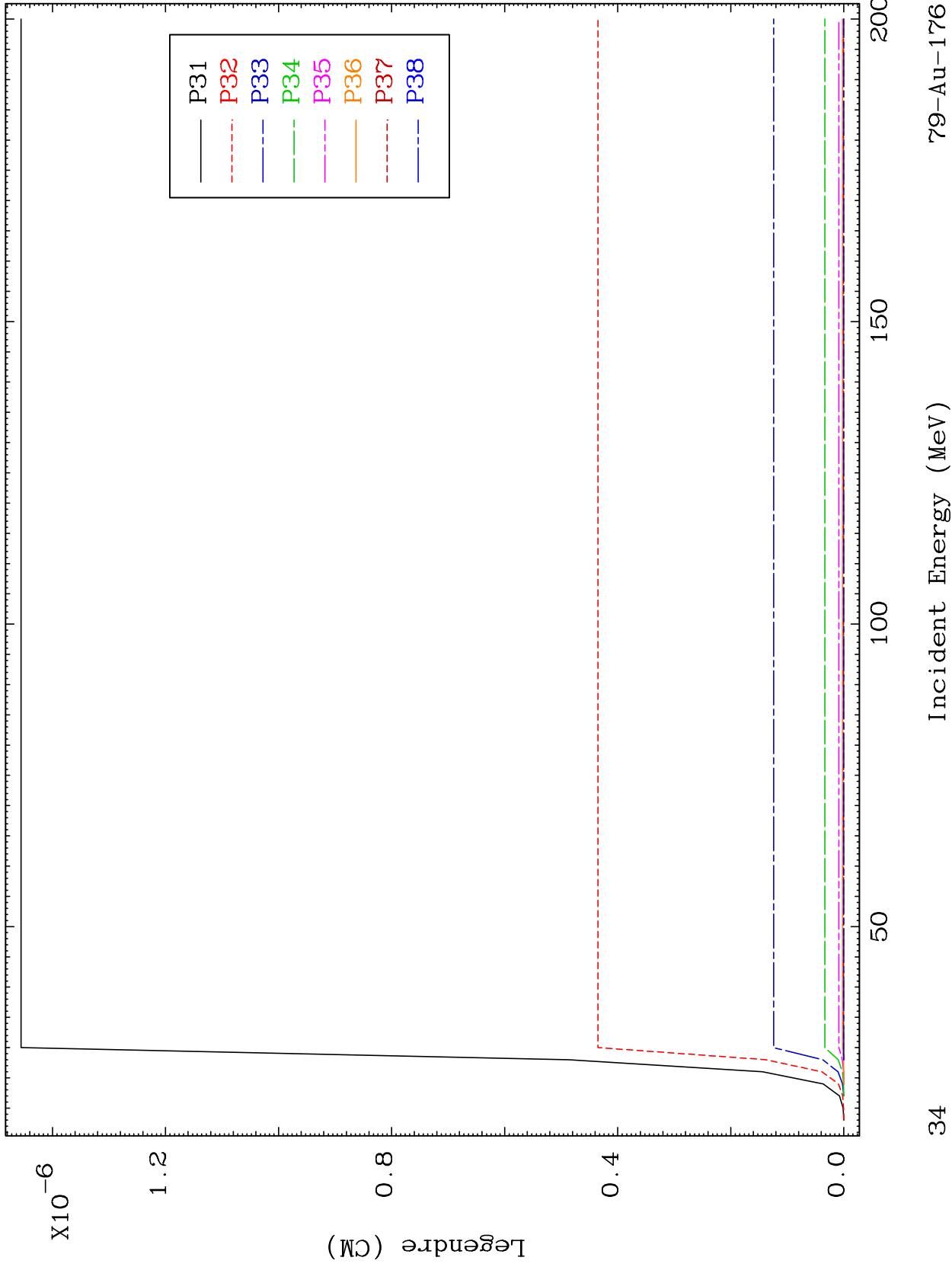




MAT 7862

230.9 keV (n,n') Level
Legendre Coefficients

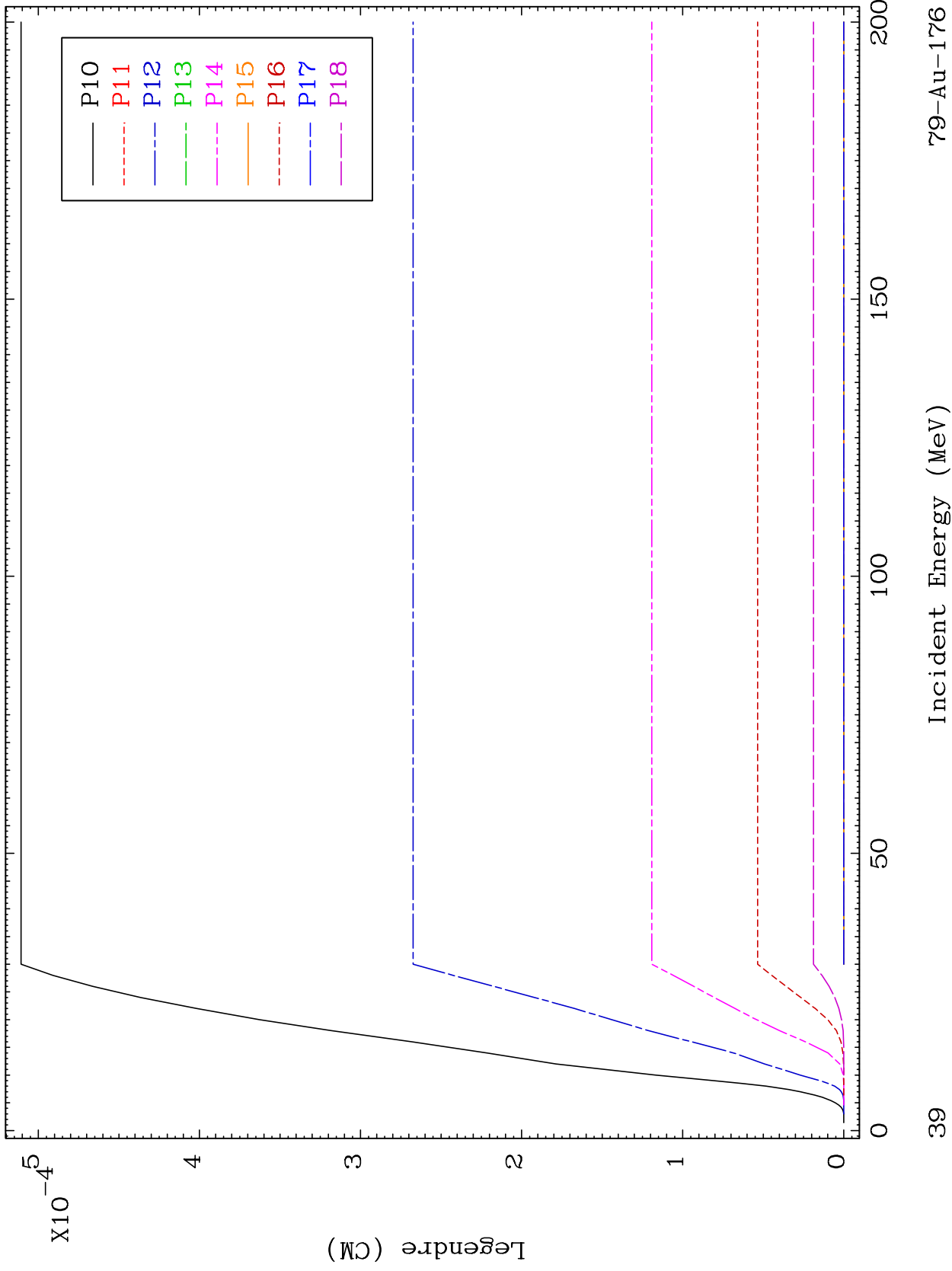
79-Au-176



MAT 7862

238.4 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

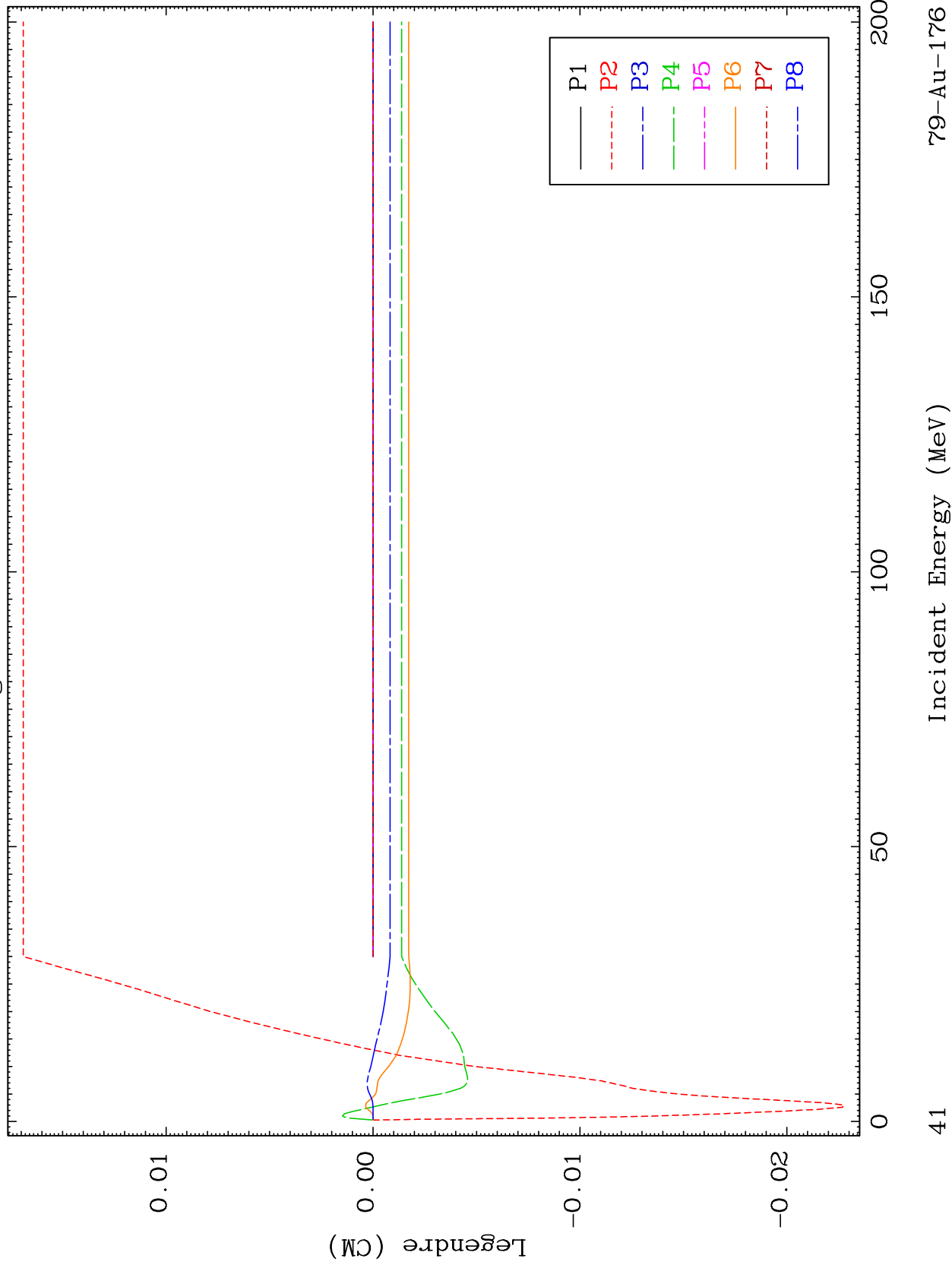
Incident Energy (MeV)

39

MAT 7862

252.7 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

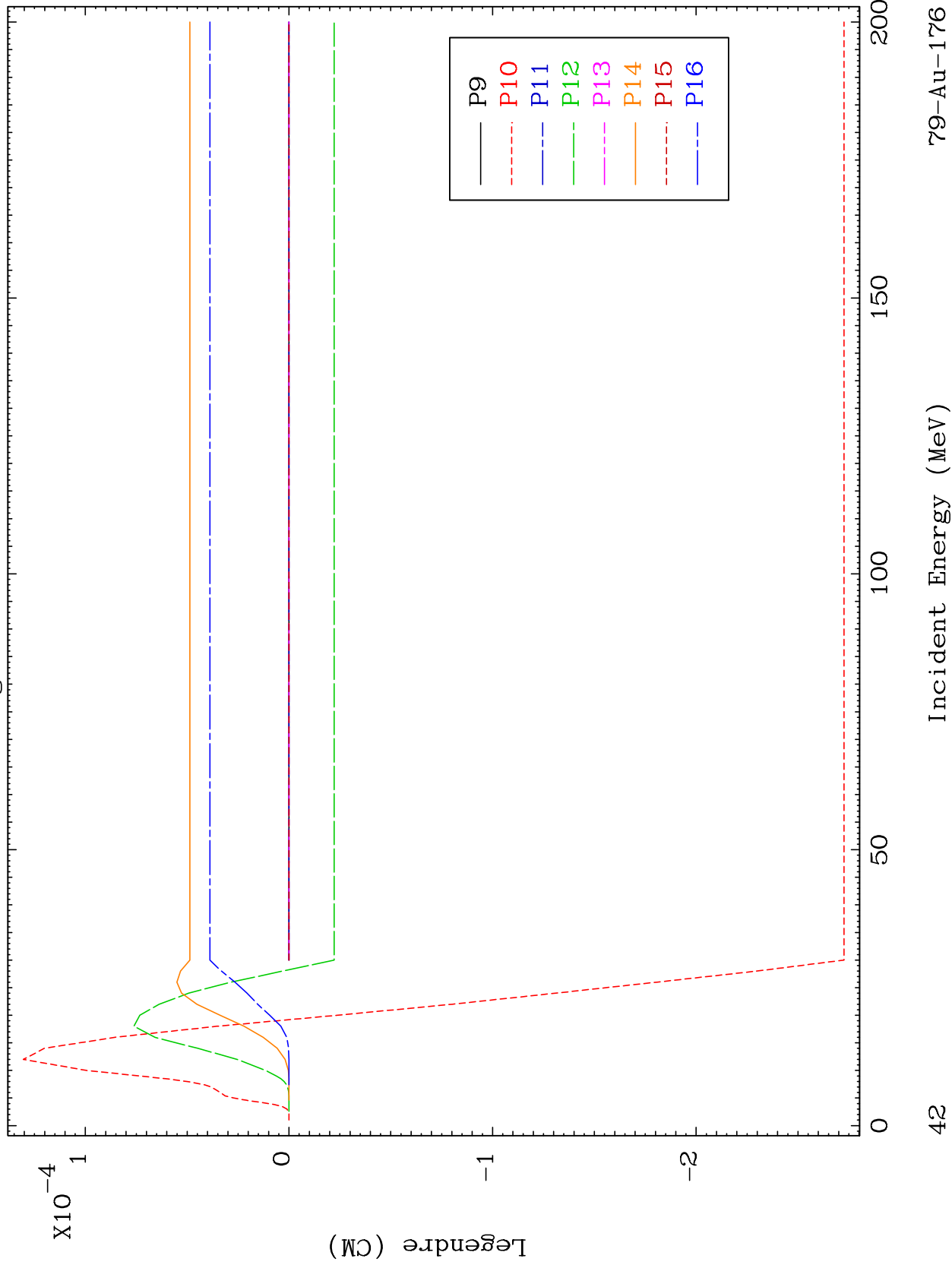
Incident Energy (MeV)

41

MAT 7862

252.7 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

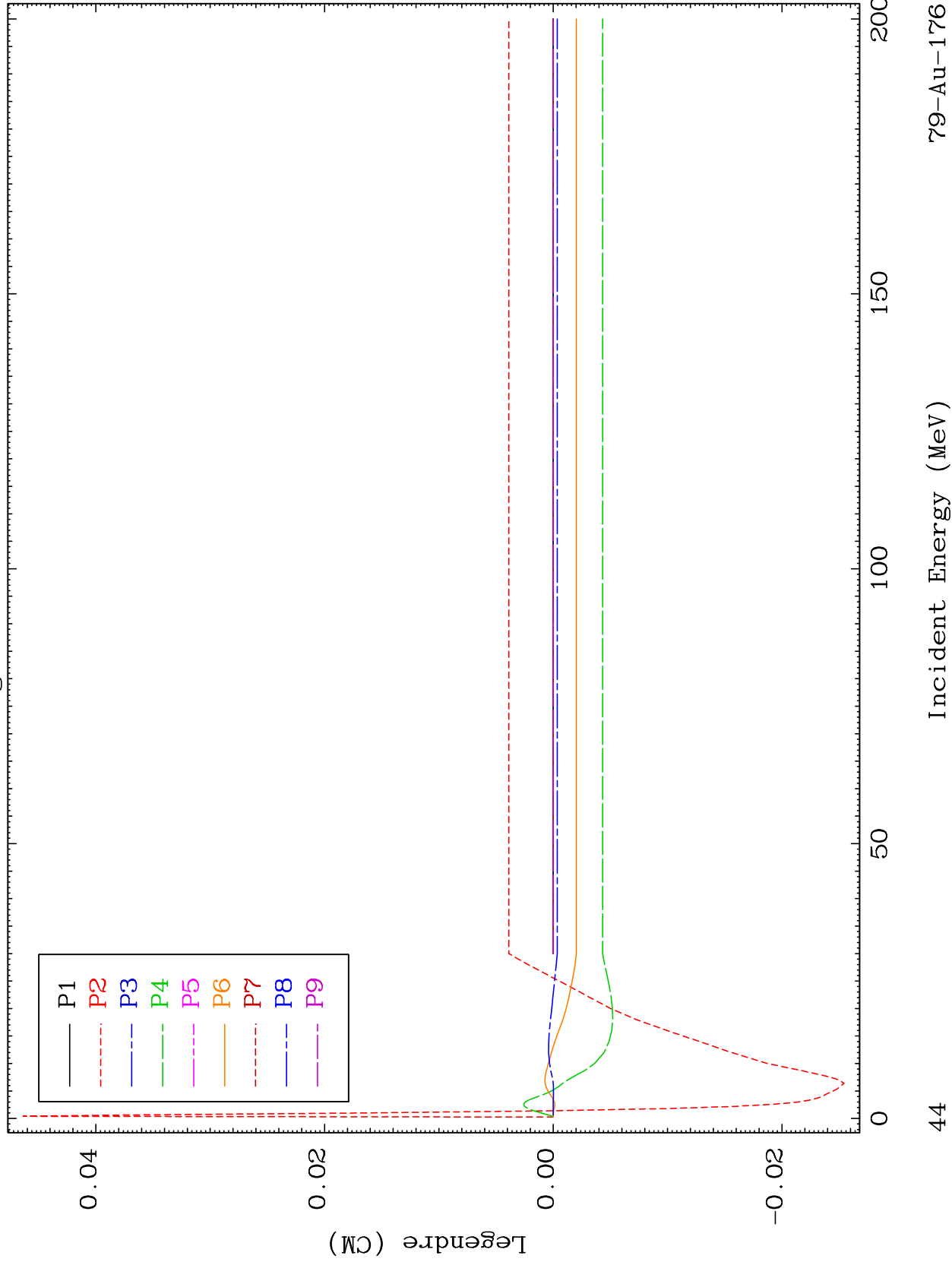
Incident Energy (MeV)

42

MAT 7862

254.7 keV (n,n') Level
Legendre Coefficients

79-Au-176

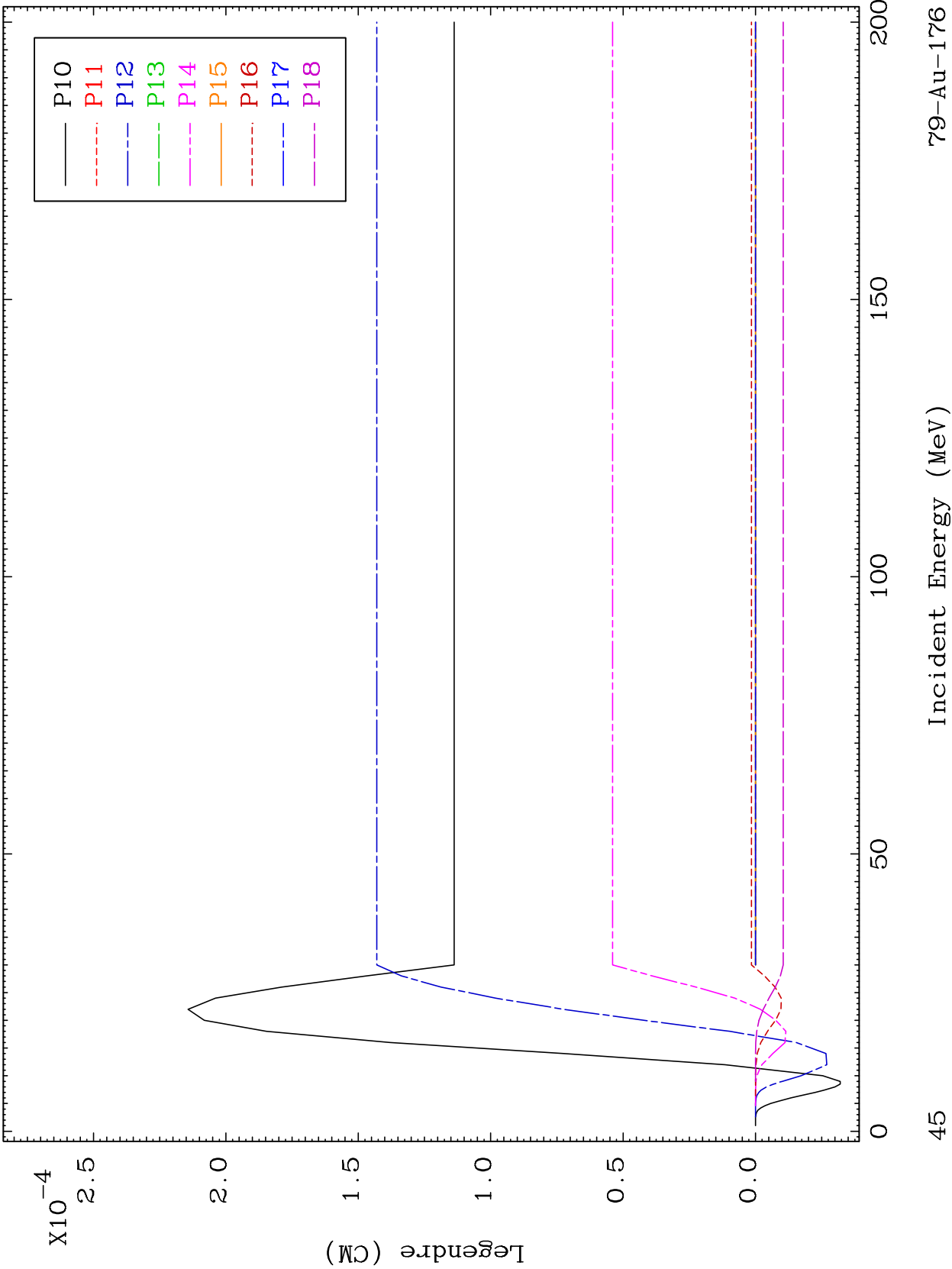


44

MAT 7862

254.7 keV (n,n') Level
Legendre Coefficients

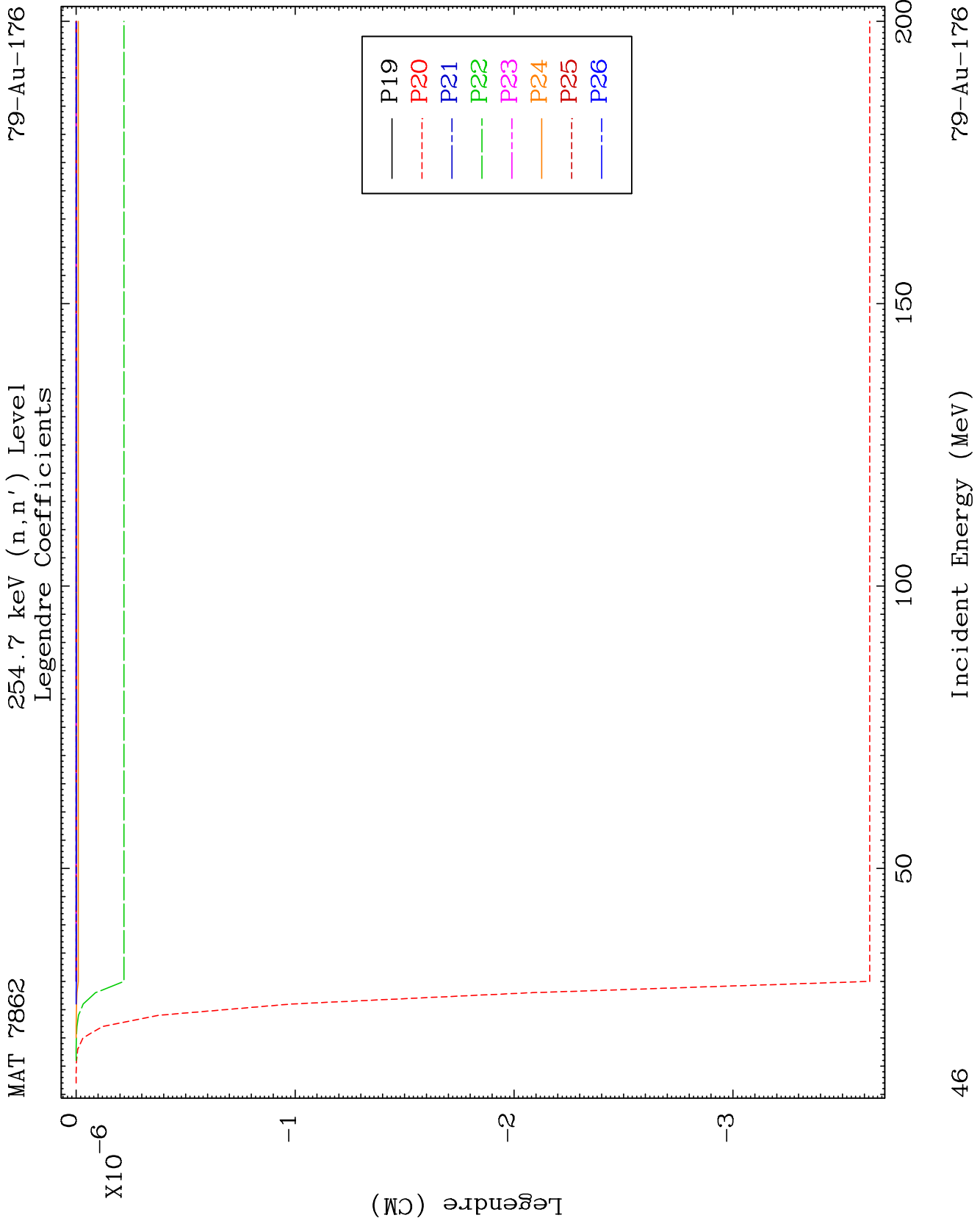
79-Au-176



79-Au-176

Incident Energy (MeV)

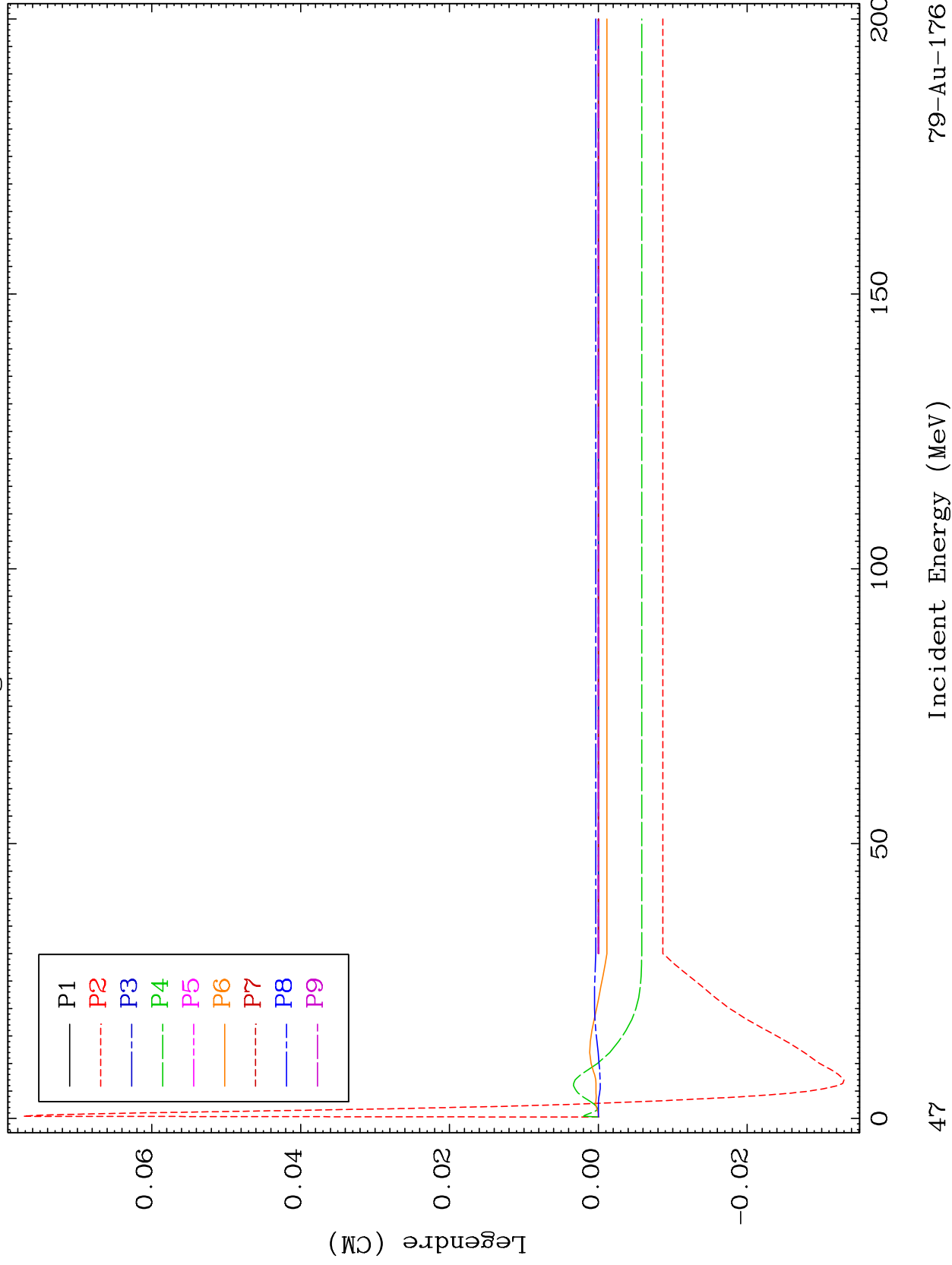
45



MAT 7862

255.8 keV (n,n') Level
Legendre Coefficients

79-Au-176



79-Au-176

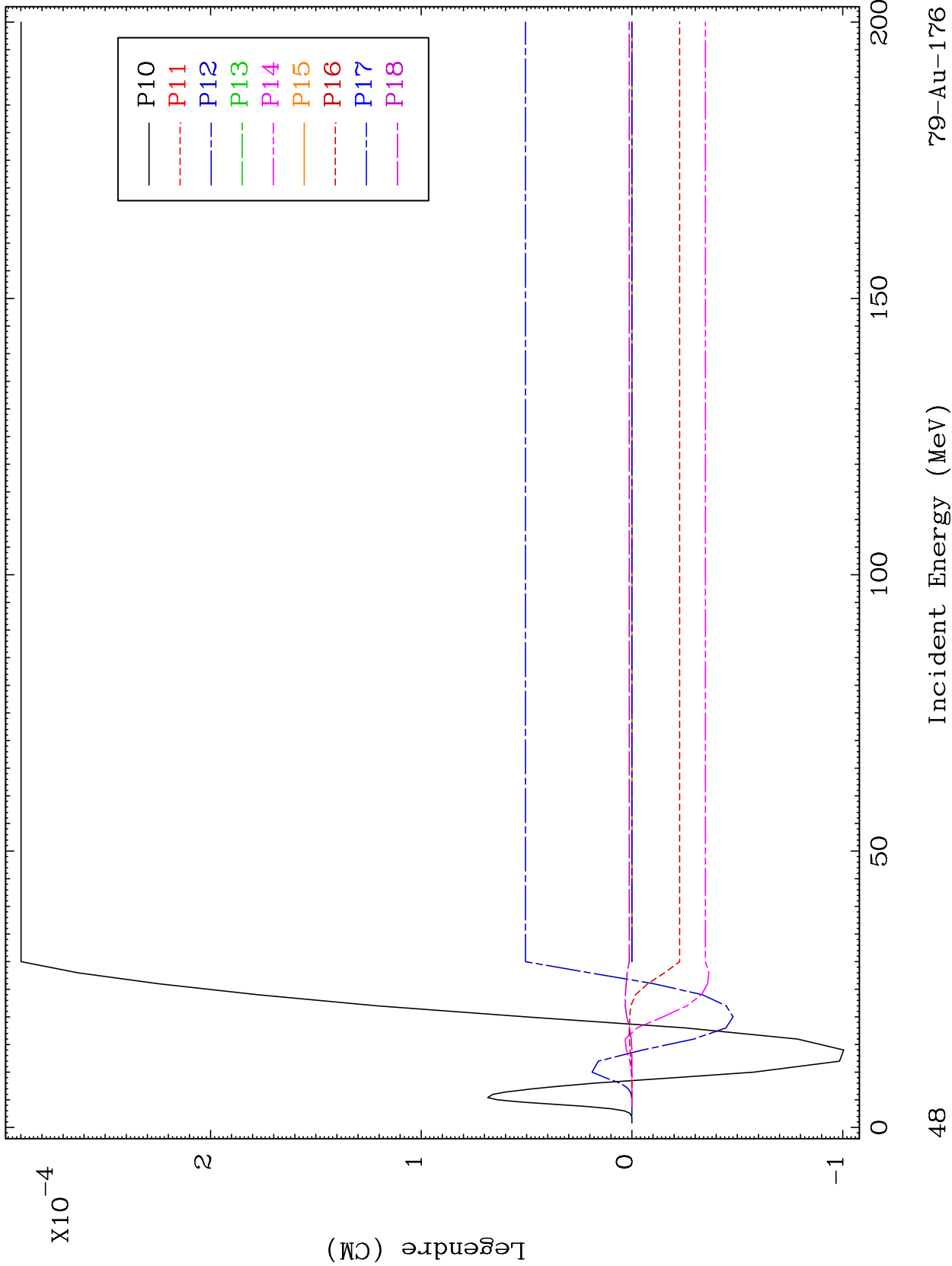
Incident Energy (MeV)

47

MAT 7862

255.8 keV (n,n') Level
Legendre Coefficients

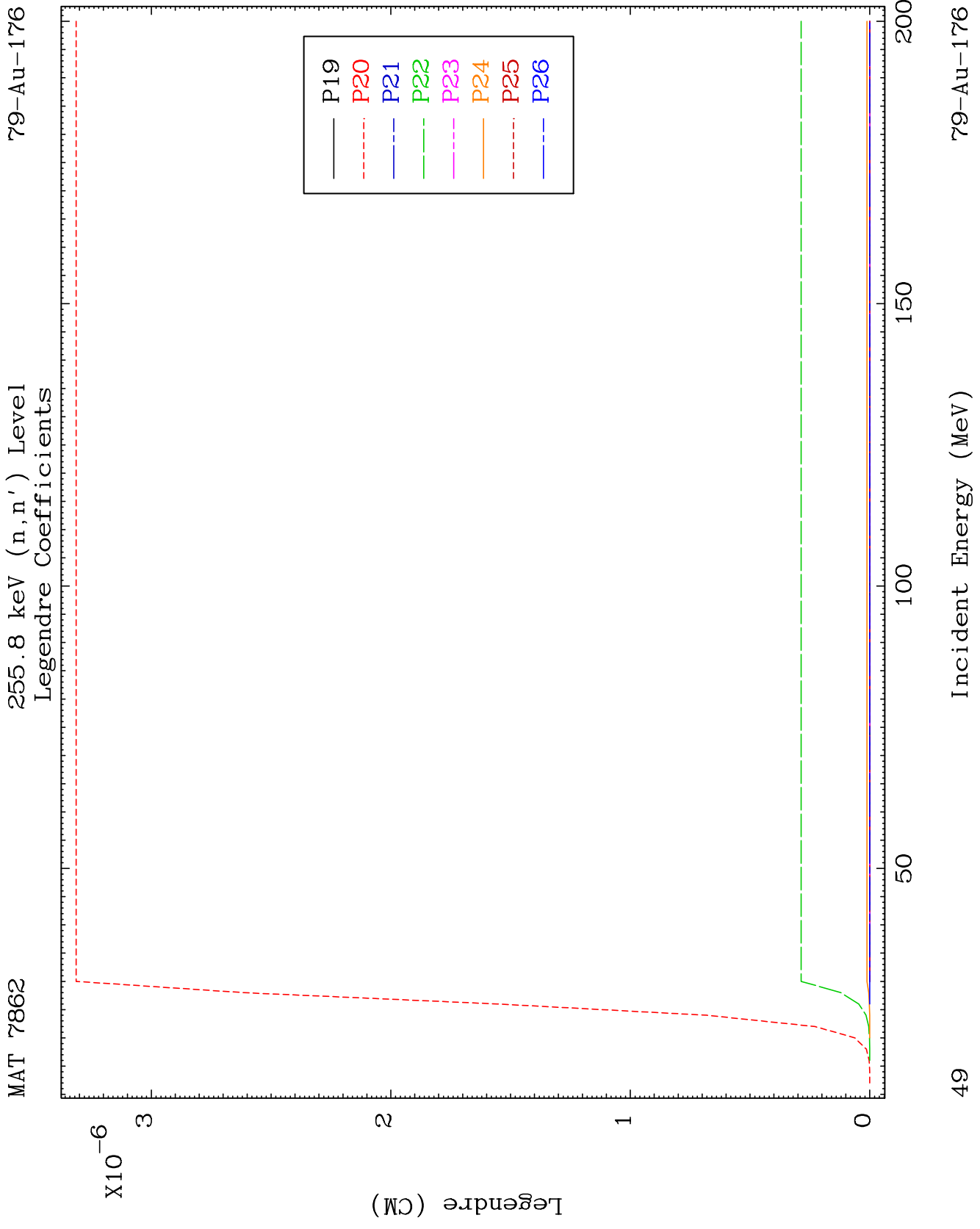
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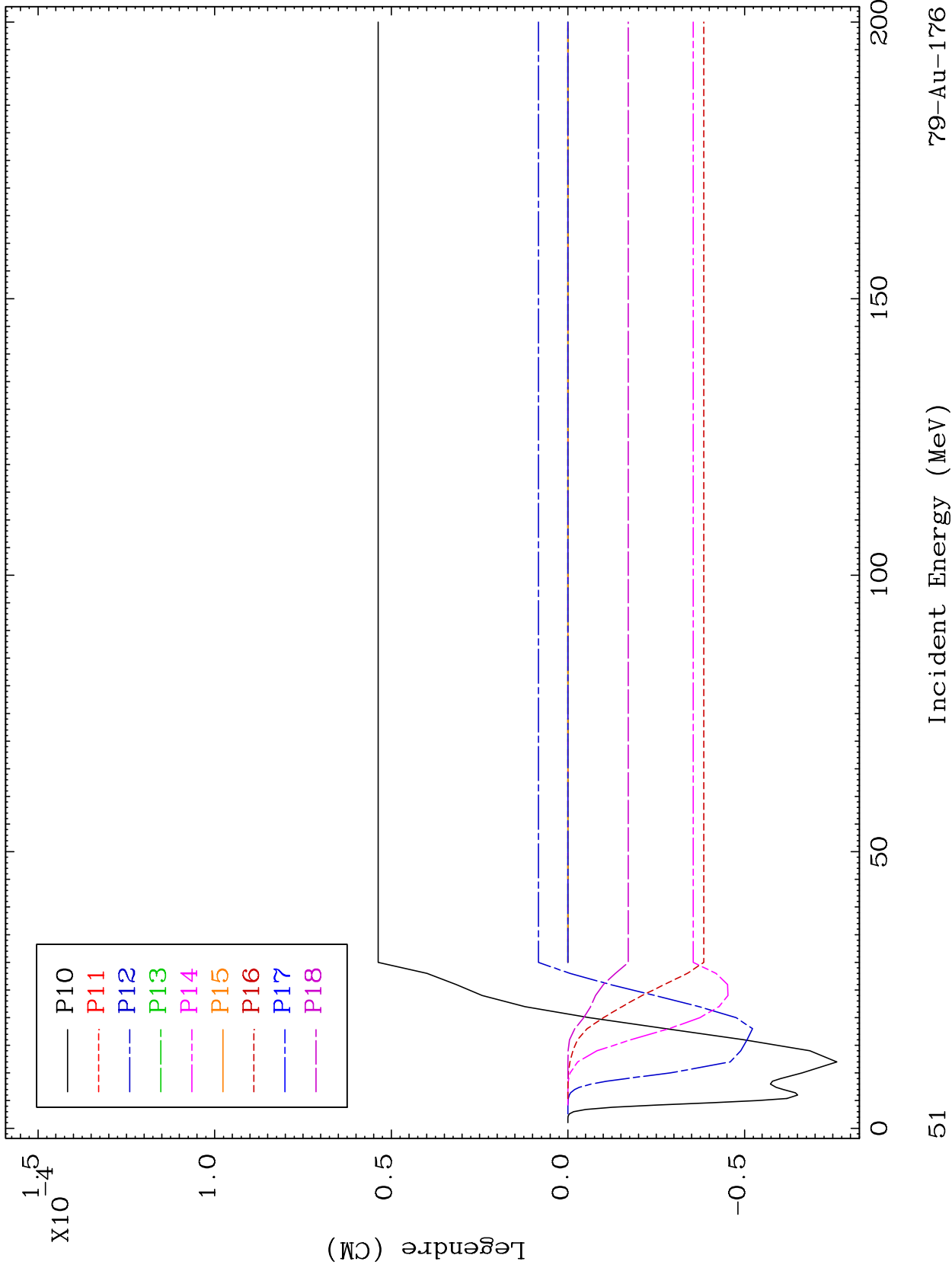


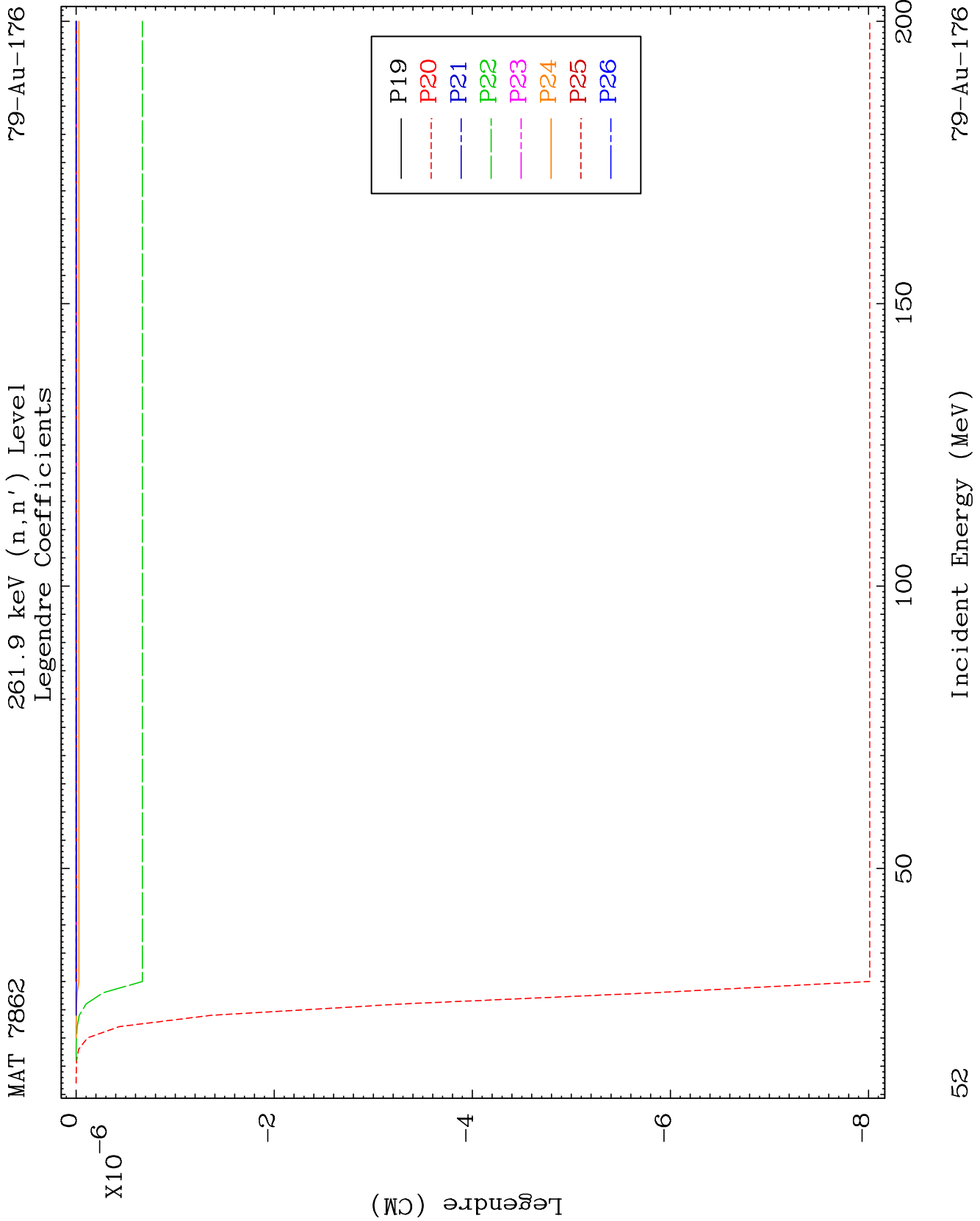
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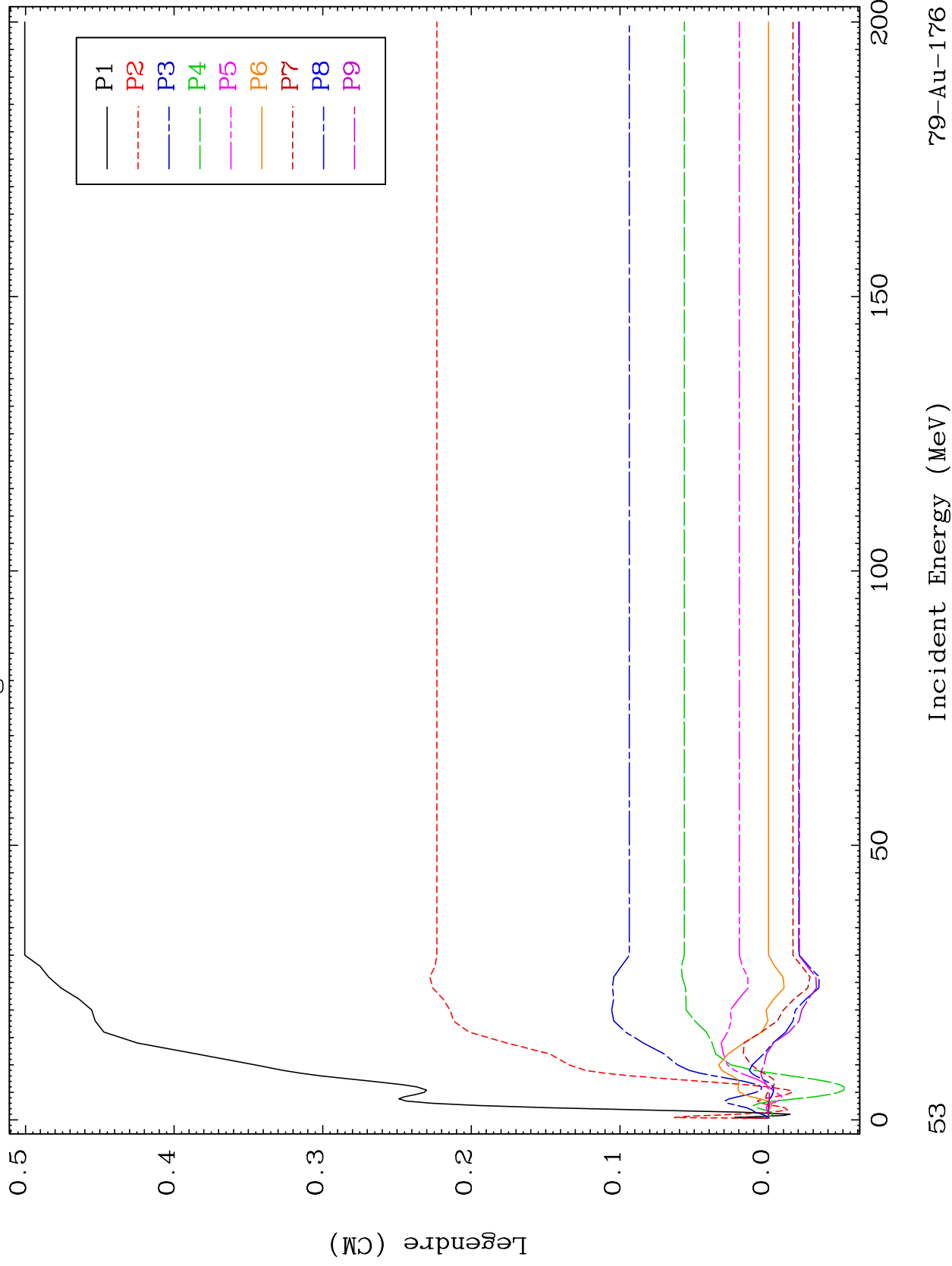
Incident Energy (MeV)

48





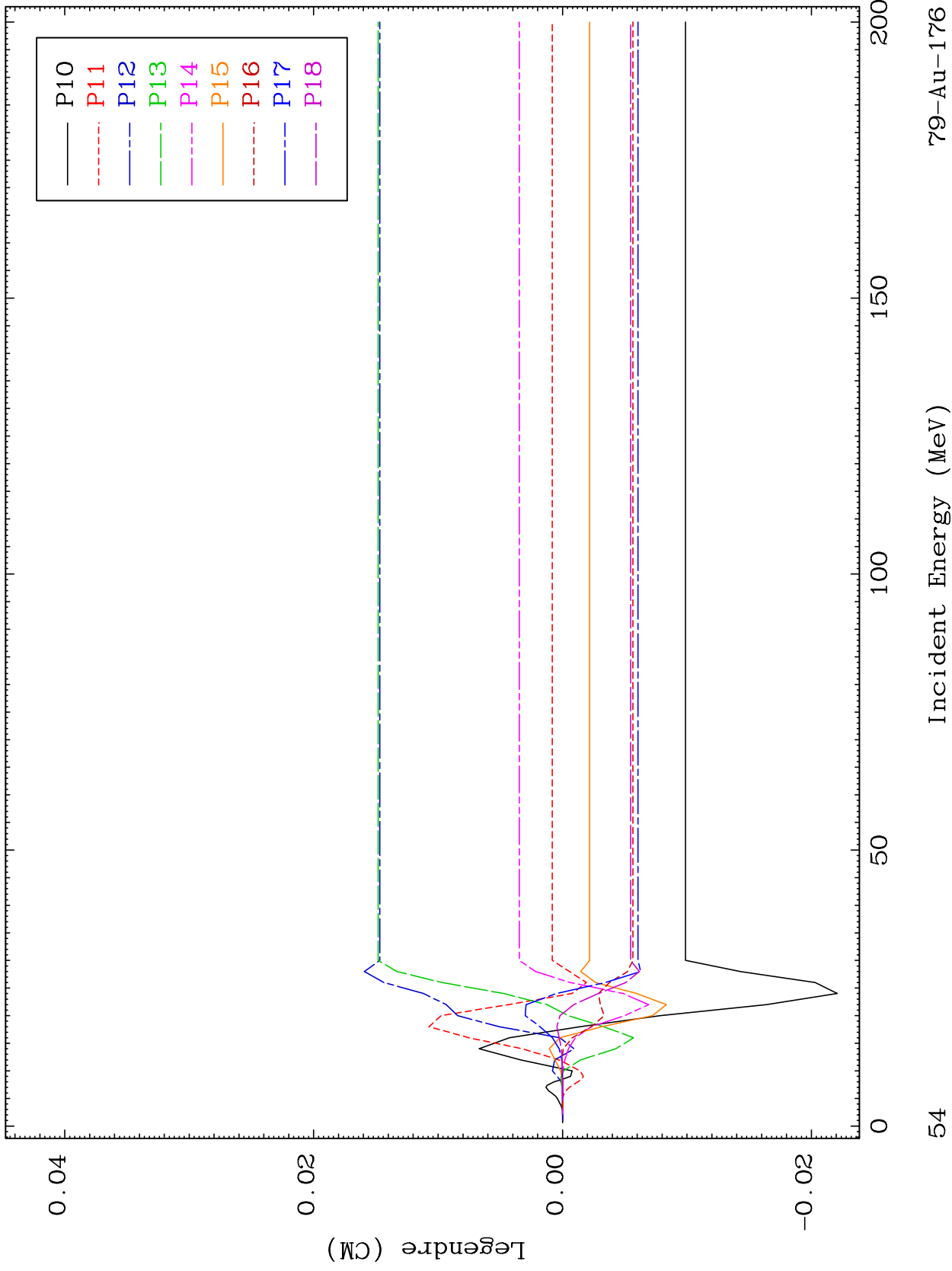




MAT 7862

264.0 keV (n,n') Level
Legendre Coefficients

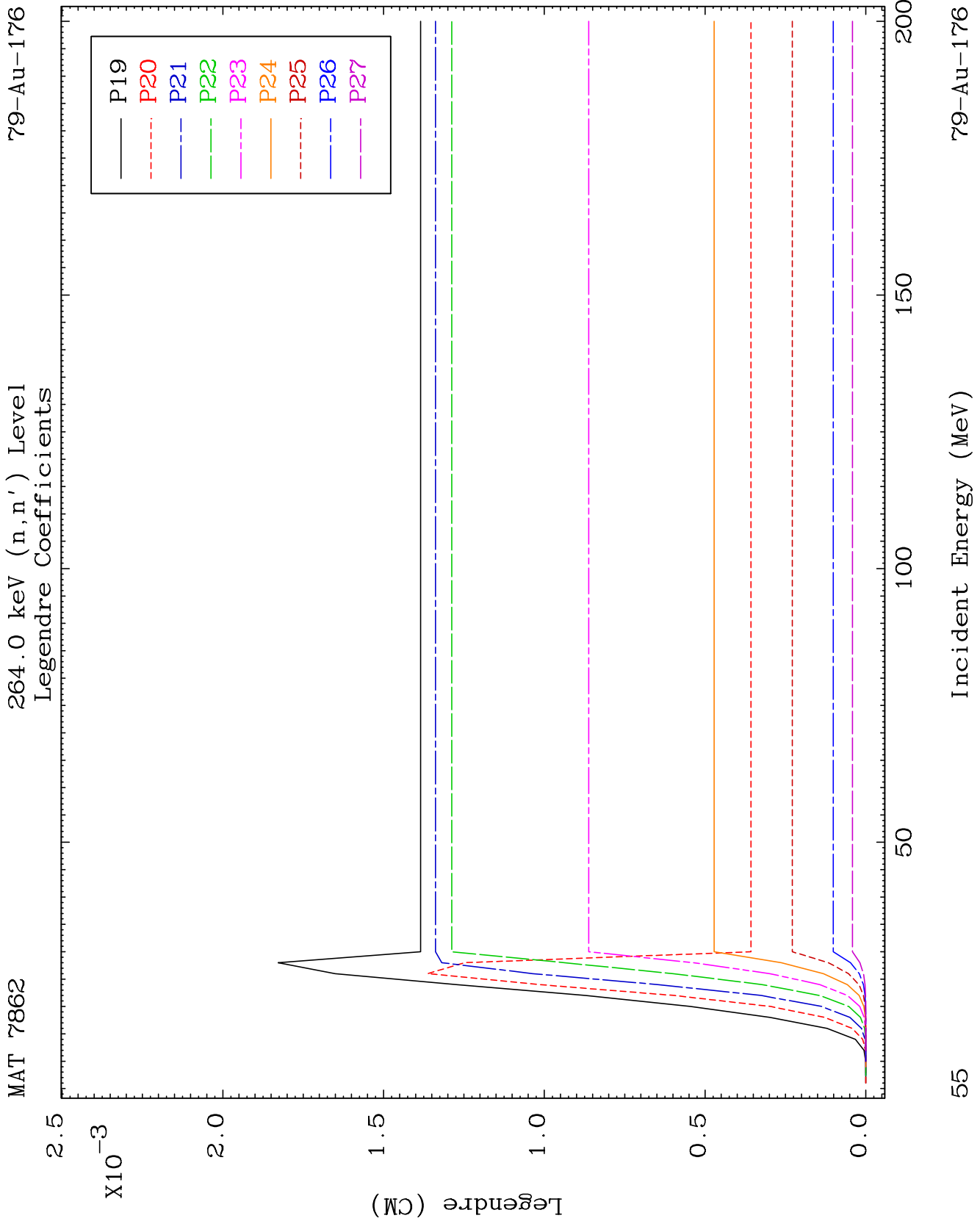
79-Au-176



79-Au-176

Incident Energy (MeV)

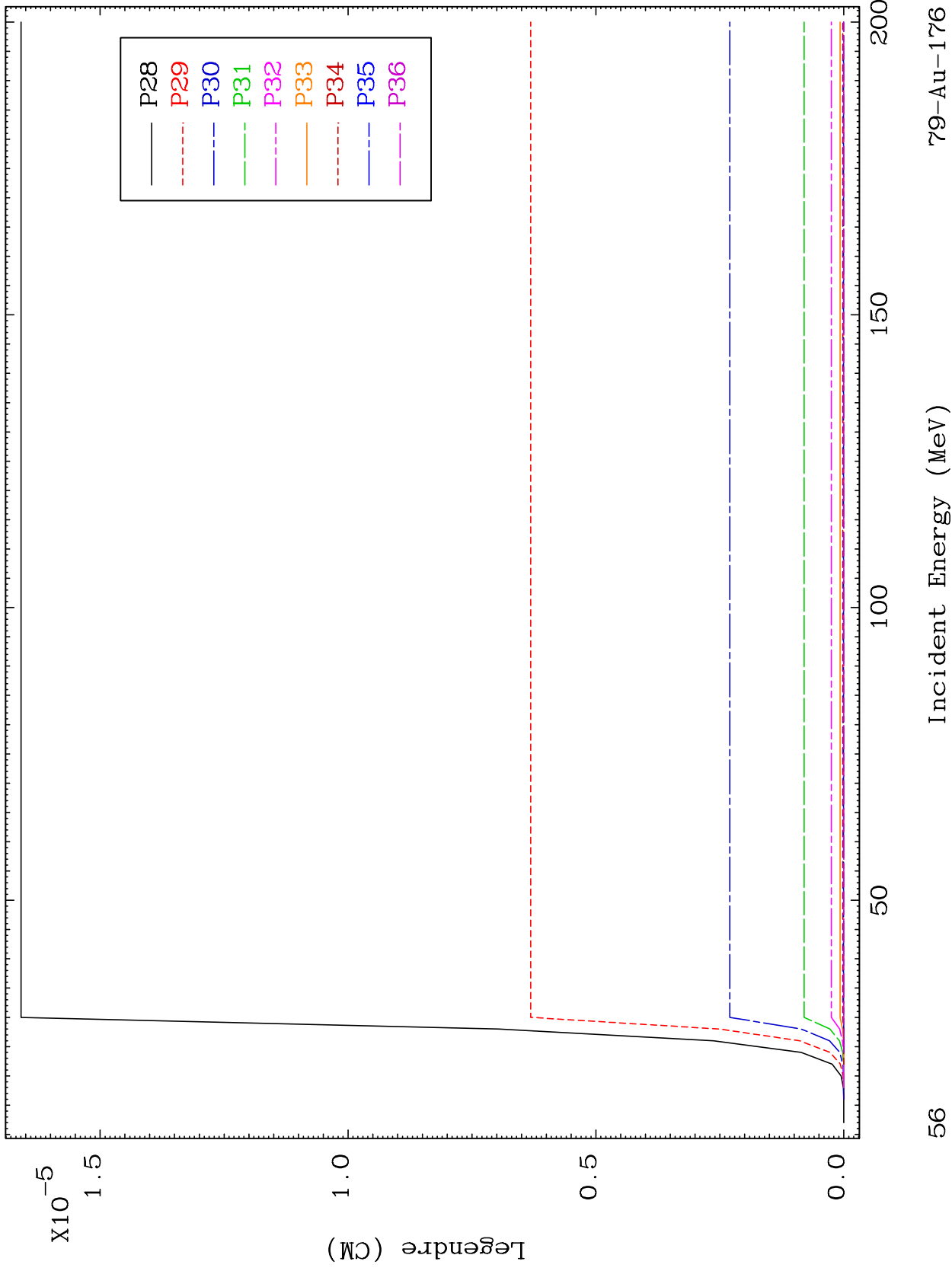
54



MAT 7862

264.0 keV (n,n') Level
Legendre Coefficients

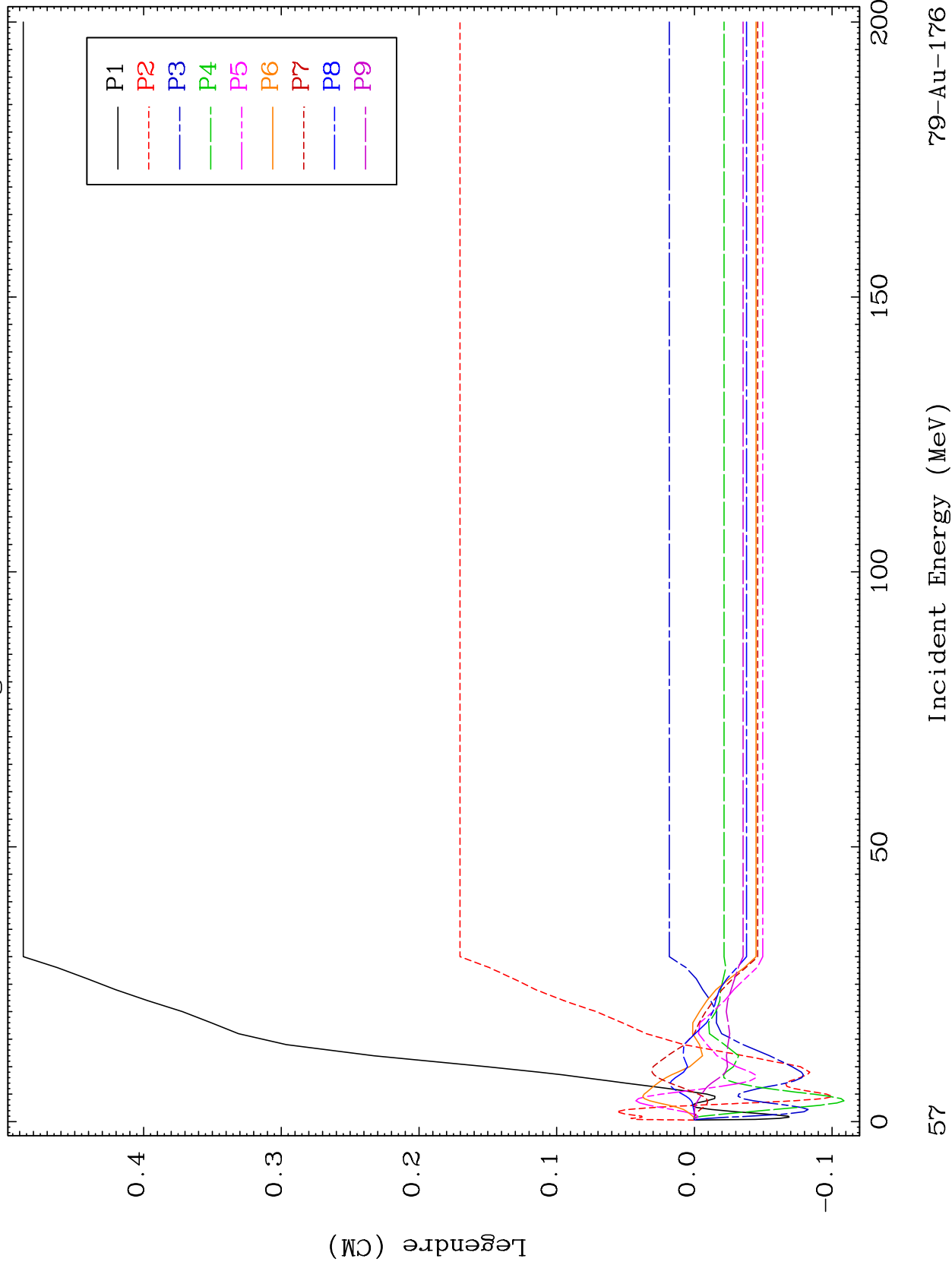
79-Au-176



MAT 7862

283.7 keV (n,n') Level
Legendre Coefficients

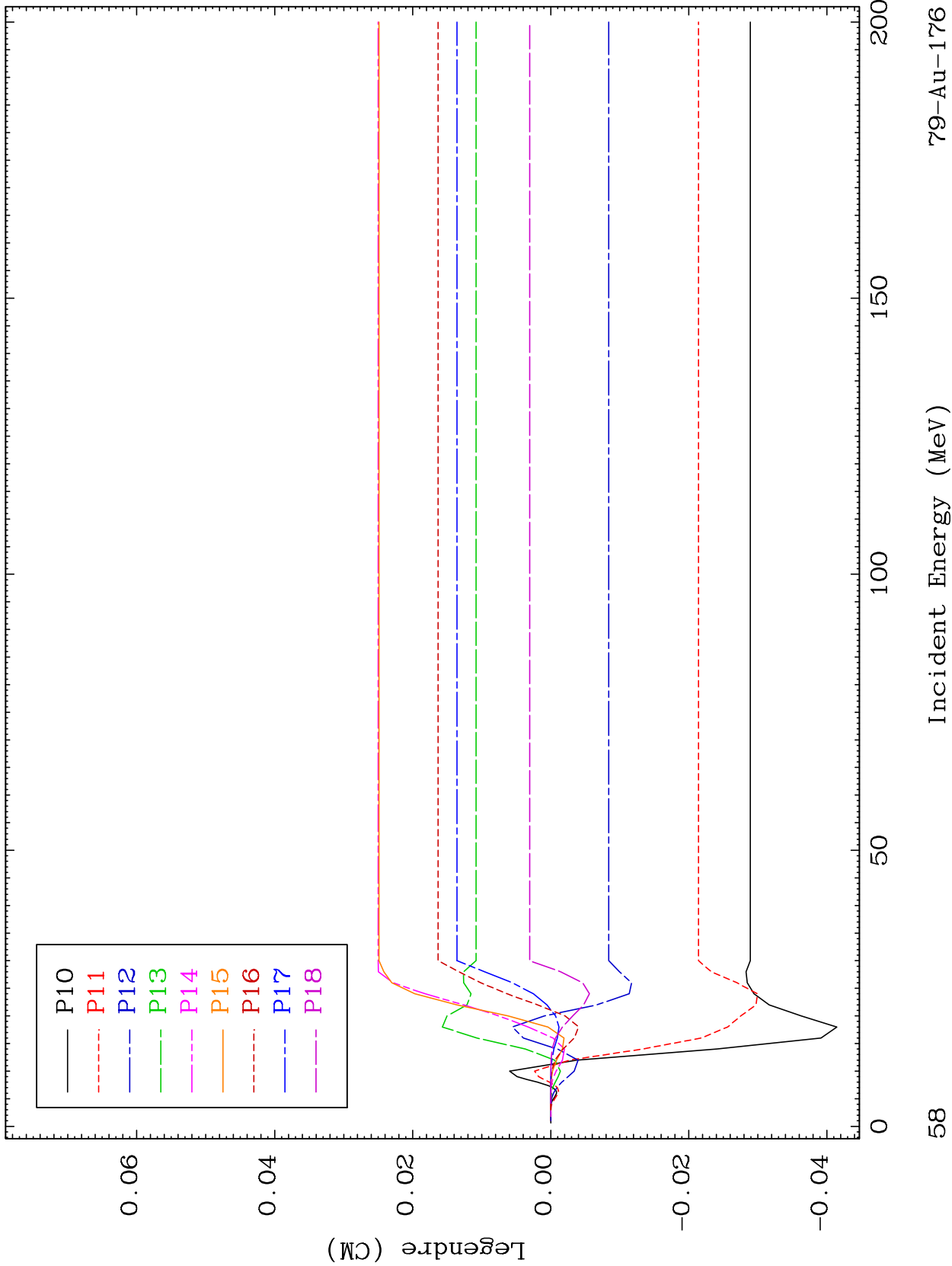
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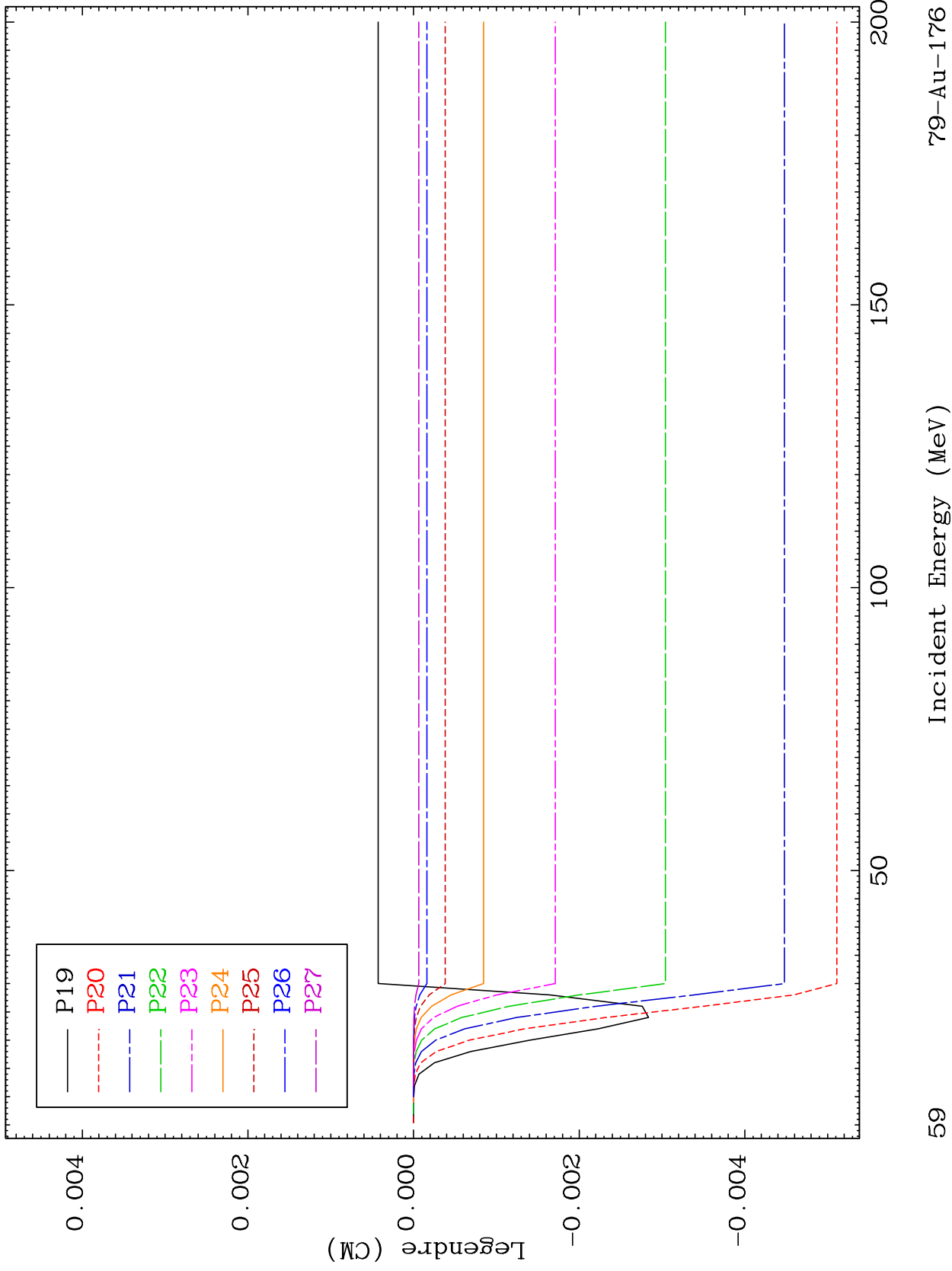


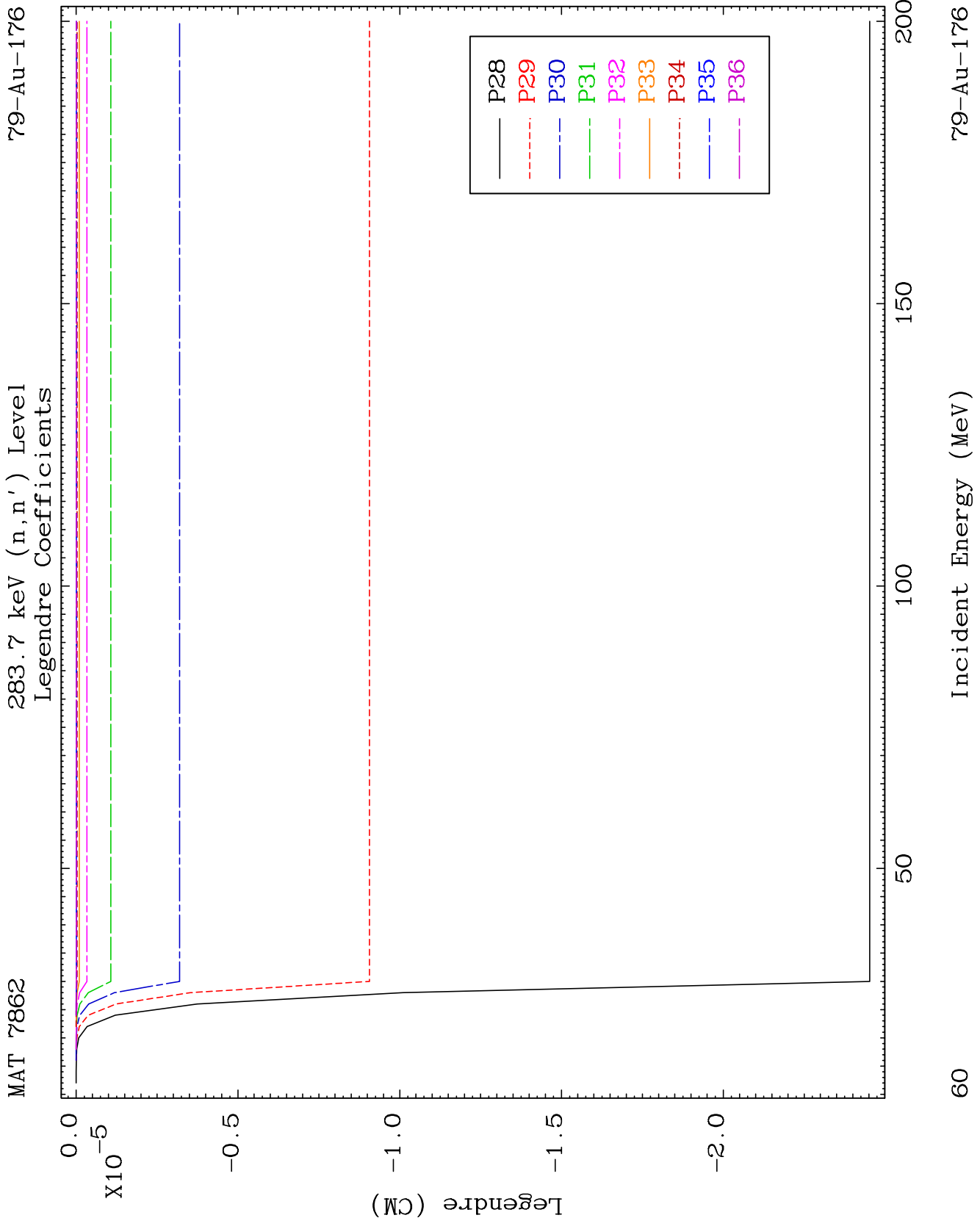
79-Au-176

Incident Energy (MeV)

57



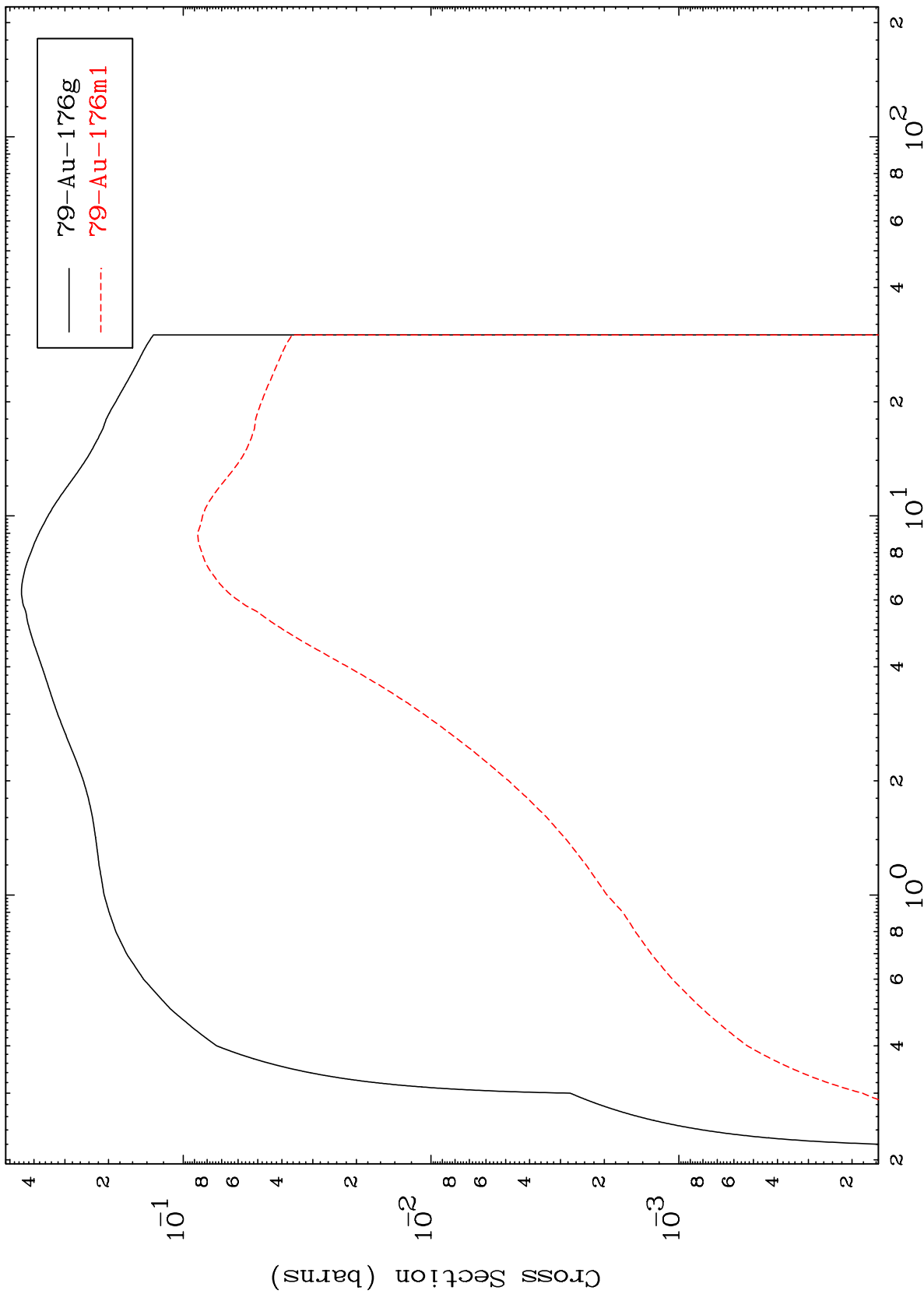




MAT 7862

79-Au-176

Inelastic
Radionuclide Production Cross Section



61

Incident Energy (MeV)

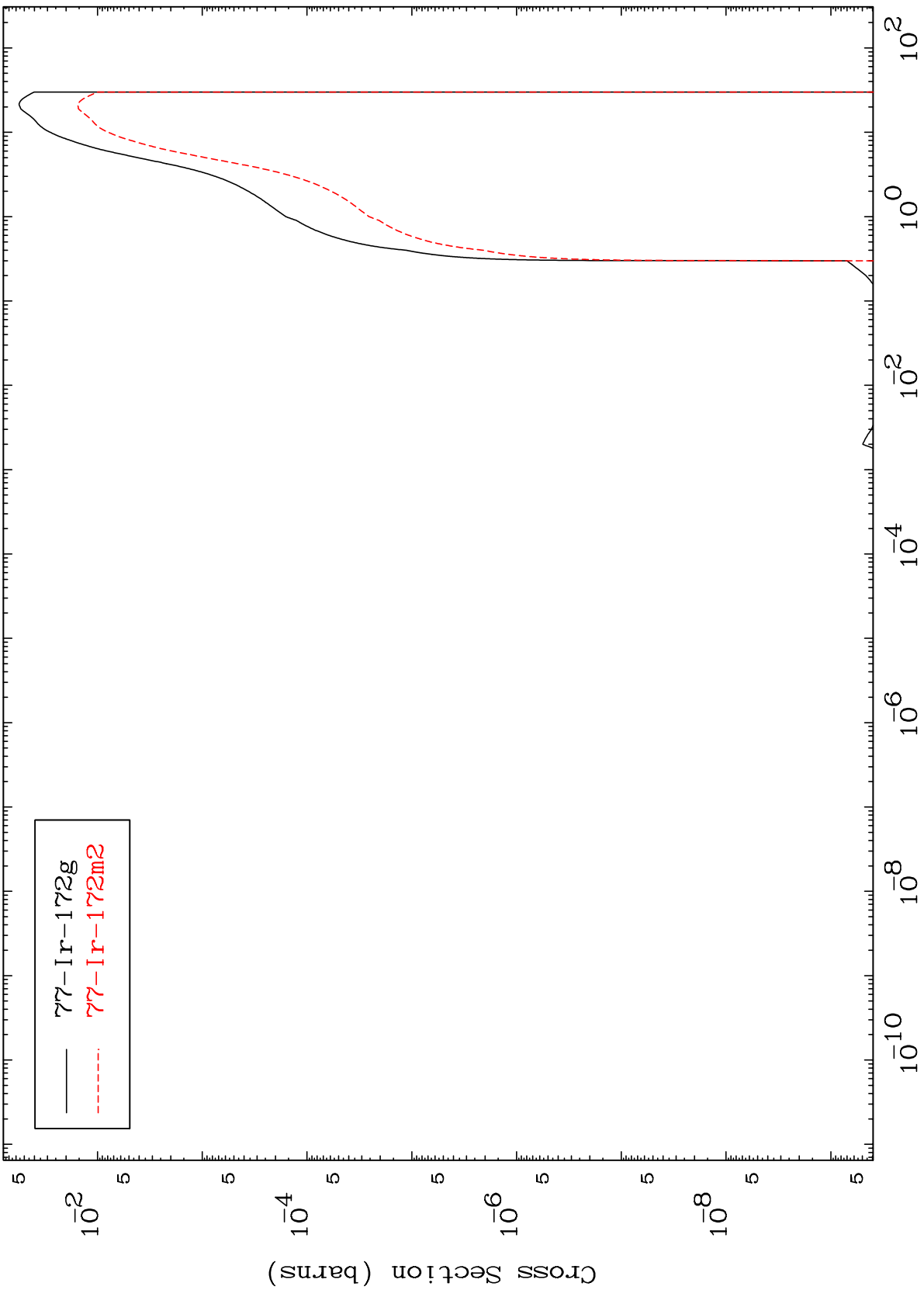
79-Au-176

MAT 7862

(n, n') α

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



62

Incident Energy (MeV)

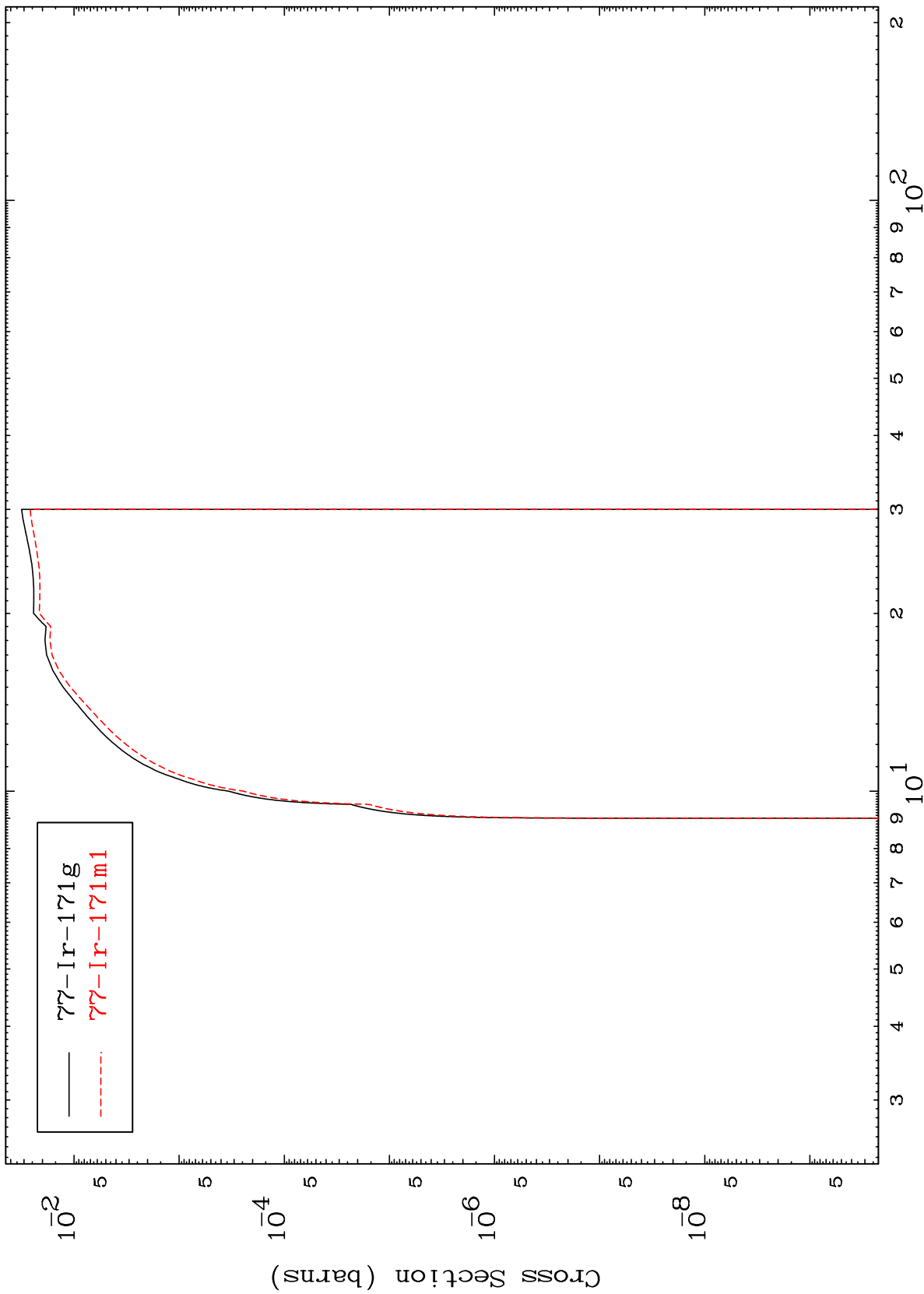
$^{79}\text{Au-176}$

MAT 7862

79-Au-176

(n,2n) α

Radionuclide Production Cross Section



63

Incident Energy (MeV)

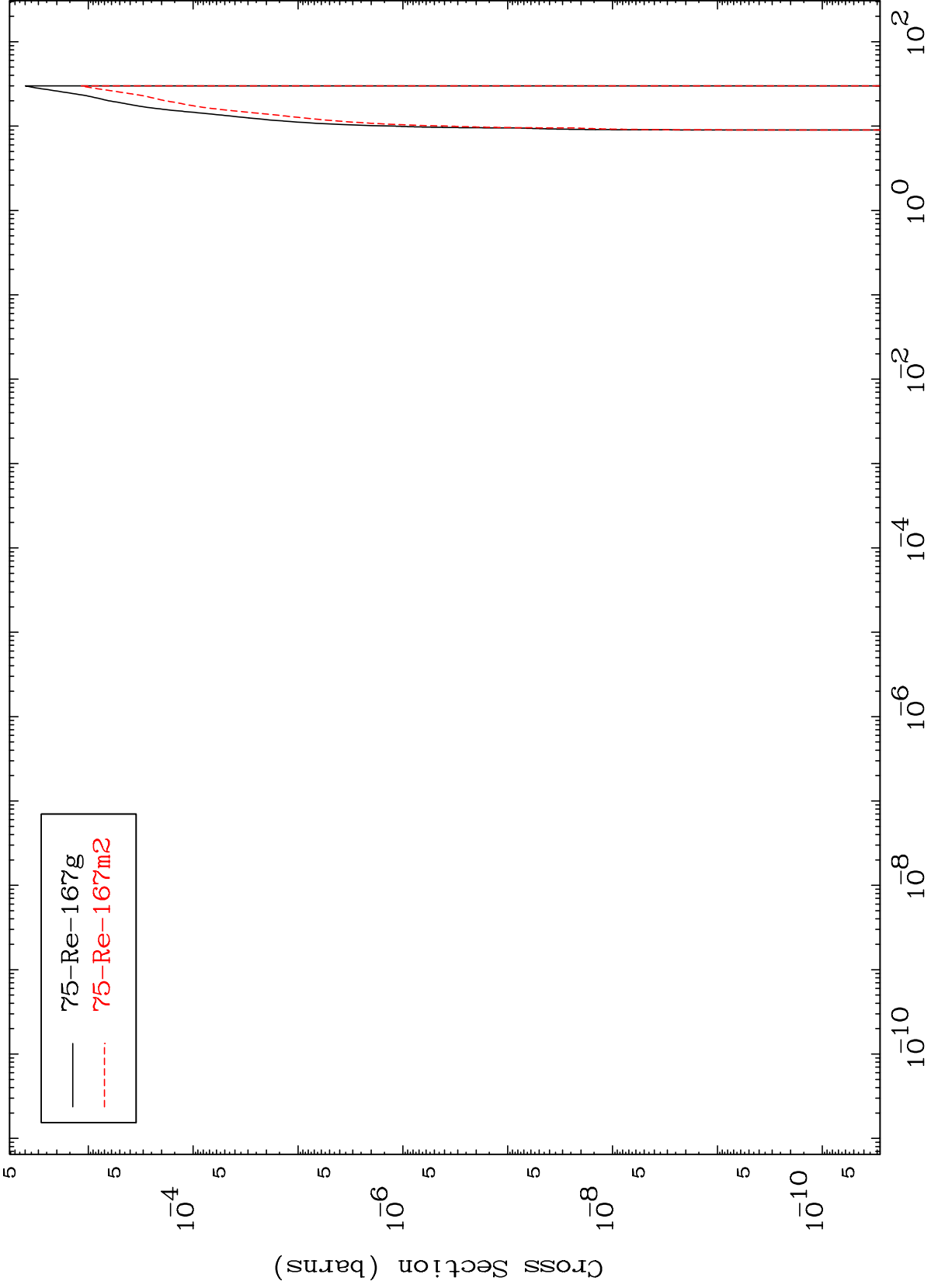
79-Au-176

MAT 7862

(n,2n) 2 α

79-Au-176

Radionuclide Production Cross Section



64

Incident Energy (MeV)

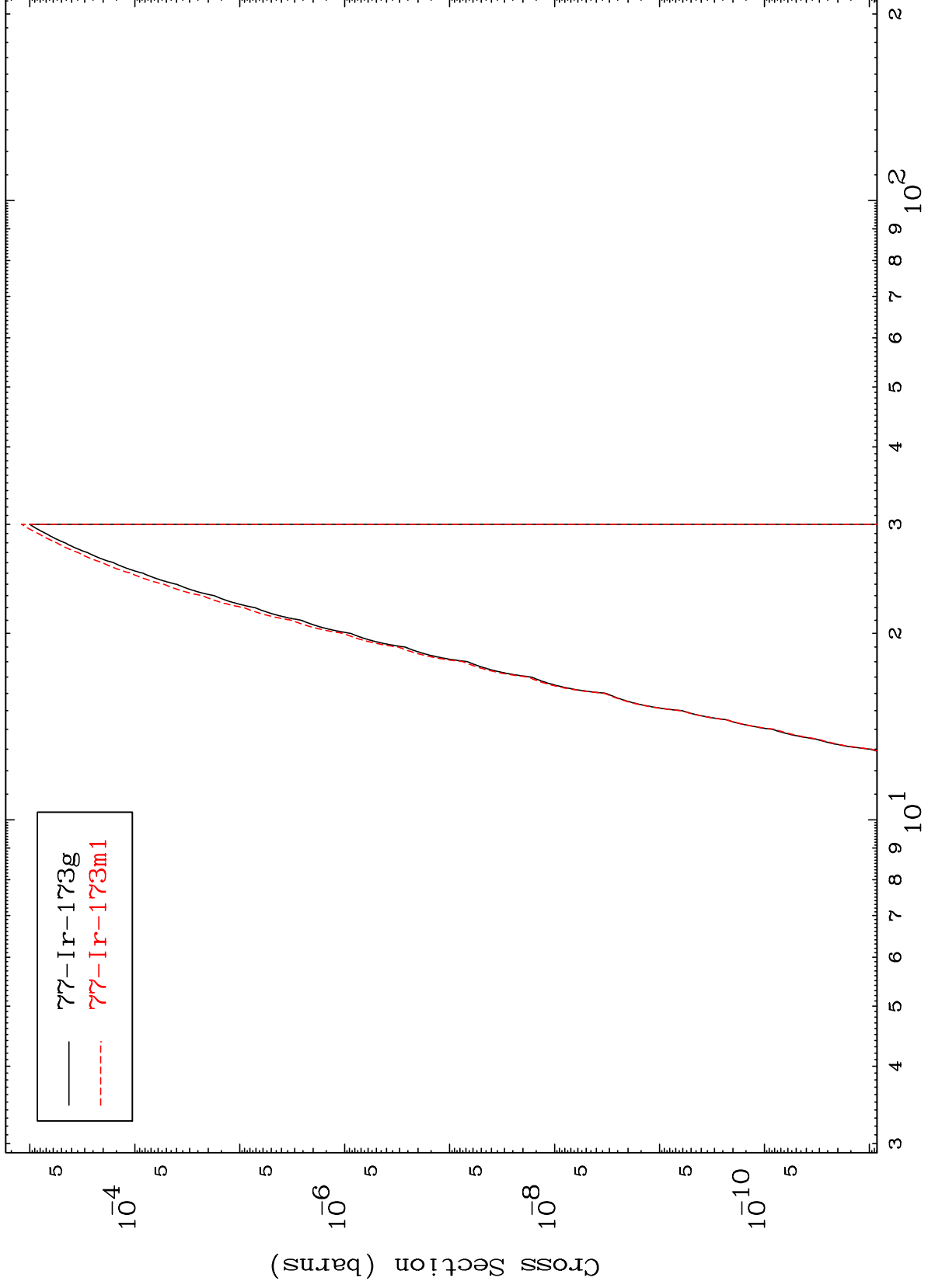
79-Au-176

MAT 7862

(n,n') He-3

79-Au-176

Radionuclide Production Cross Section



65

Incident Energy (MeV)

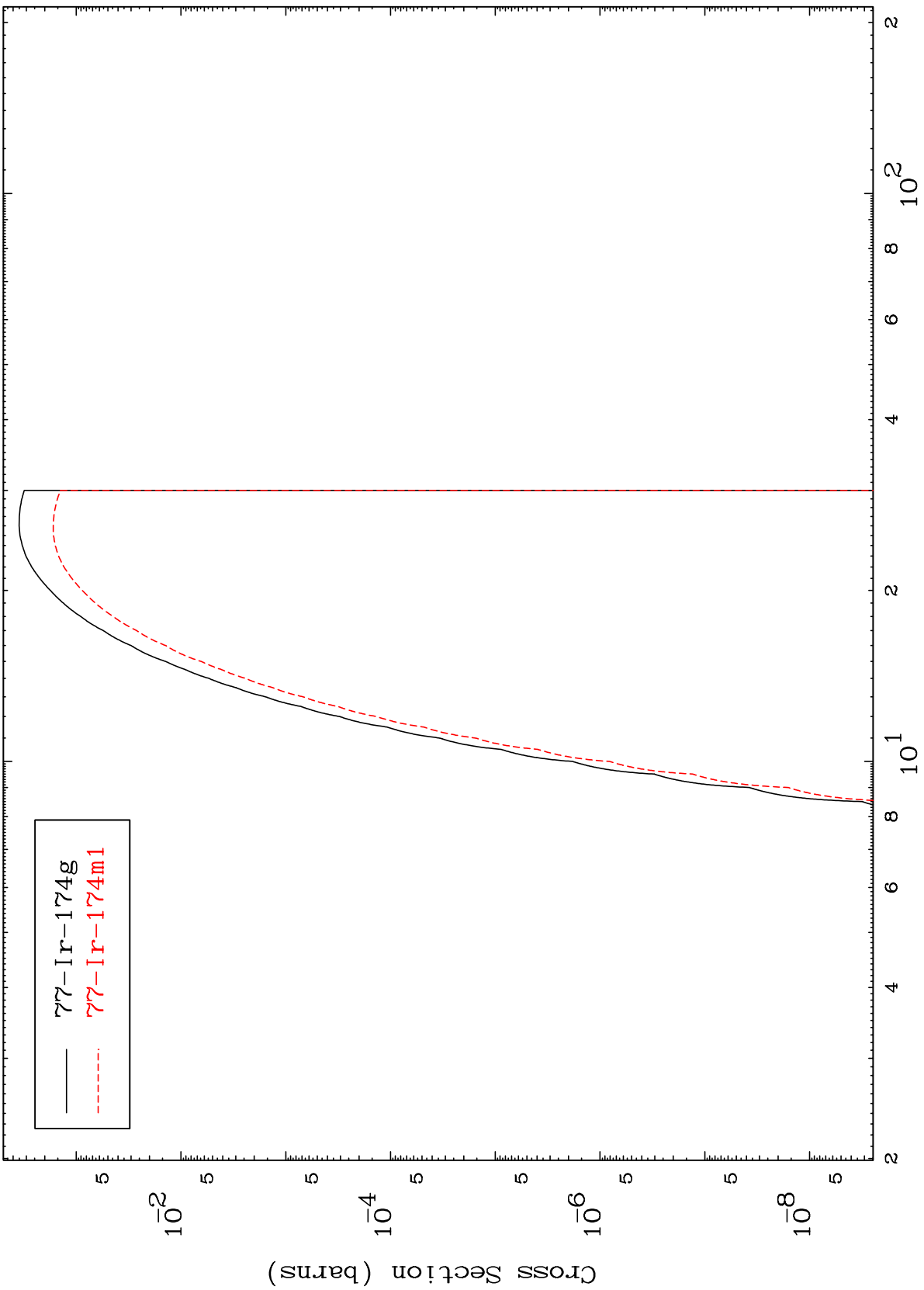
79-Au-176

MAT 7862

(n,2n) p

79-Au-176

Radionuclide Production Cross Section



— 77-Ir-174g
- - - 77-Ir-174m1

66

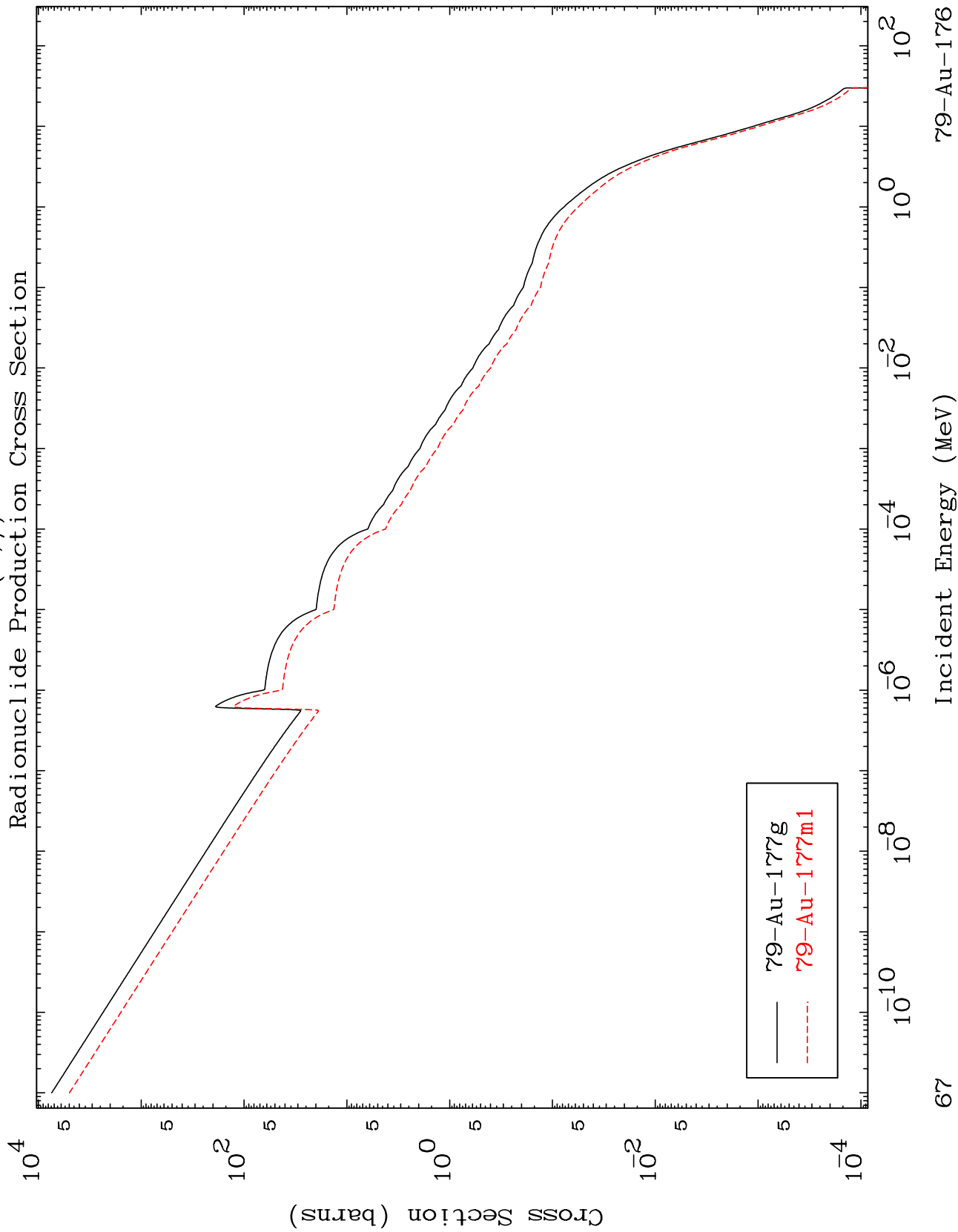
Incident Energy (MeV)

79-Au-176

MAT 7862

⁷⁹Au-176

(n,γ)
Radionuclide Production Cross Section



67

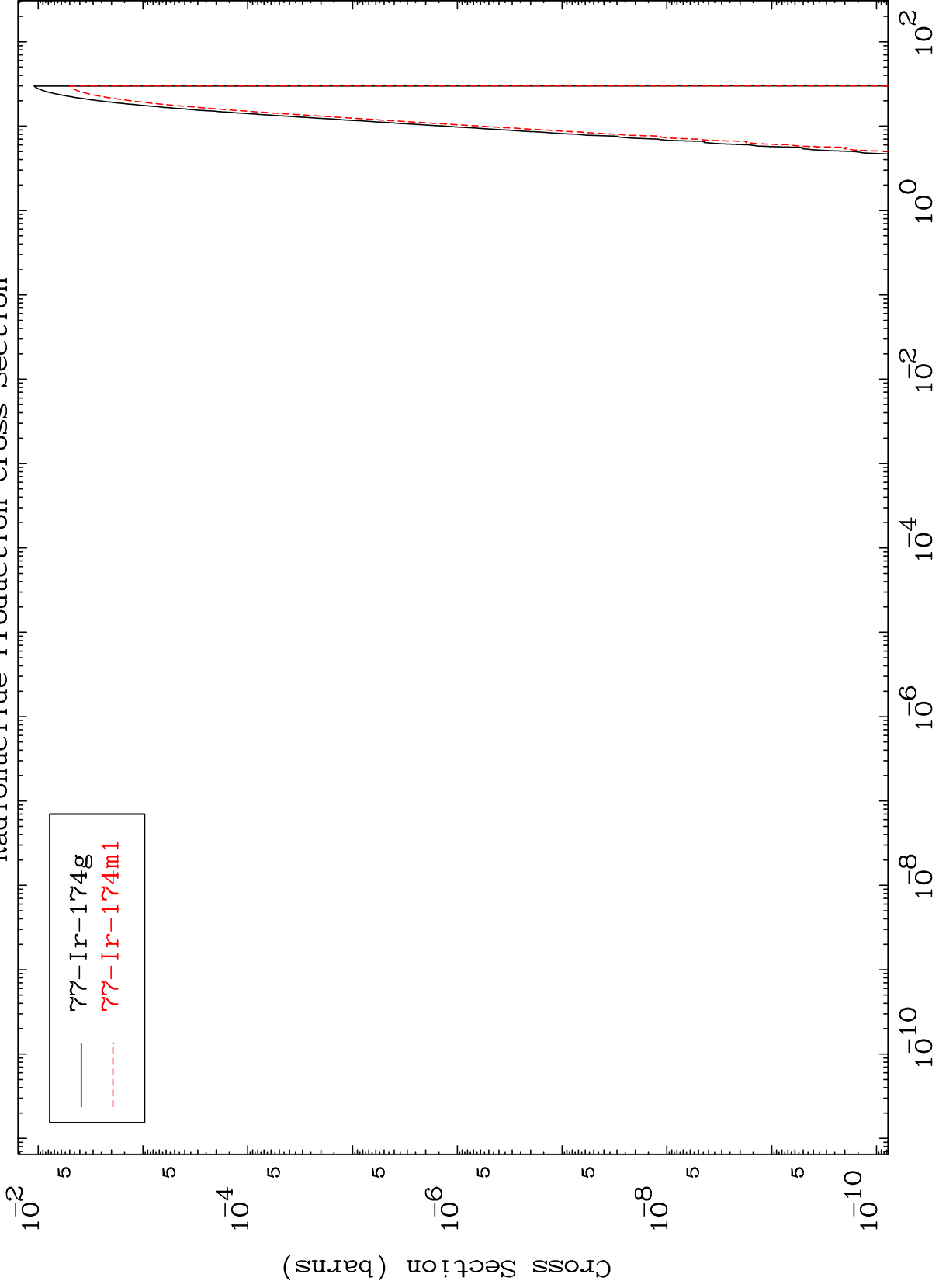
⁷⁹Au-176

MAT 7862

(n,He-3)

79-Au-176

Radionuclide Production Cross Section



68

Incident Energy (MeV)

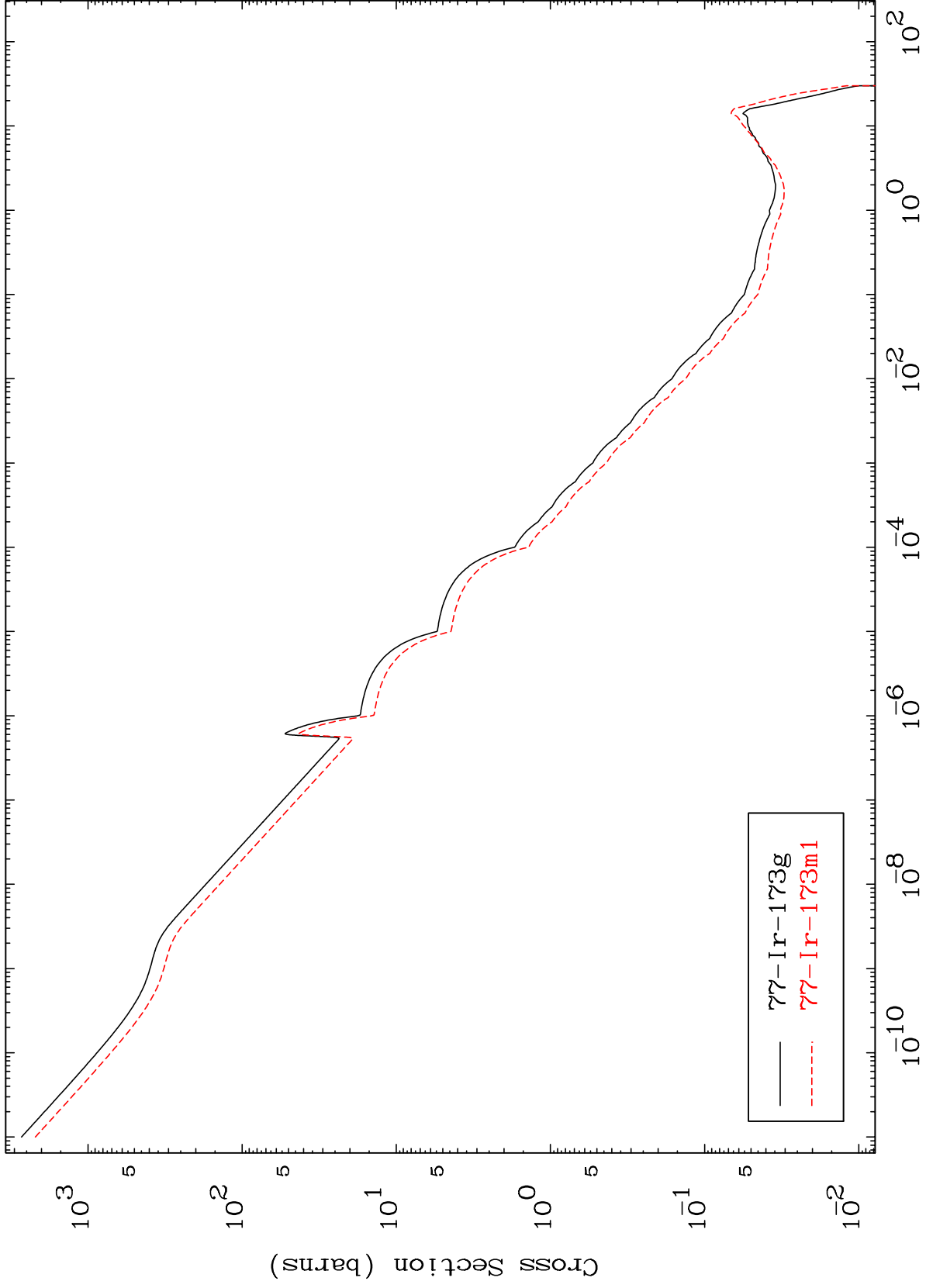
79-Au-176

MAT 7862

(n, α)

79-Au-176

Radionuclide Production Cross Section



69

Incident Energy (MeV)

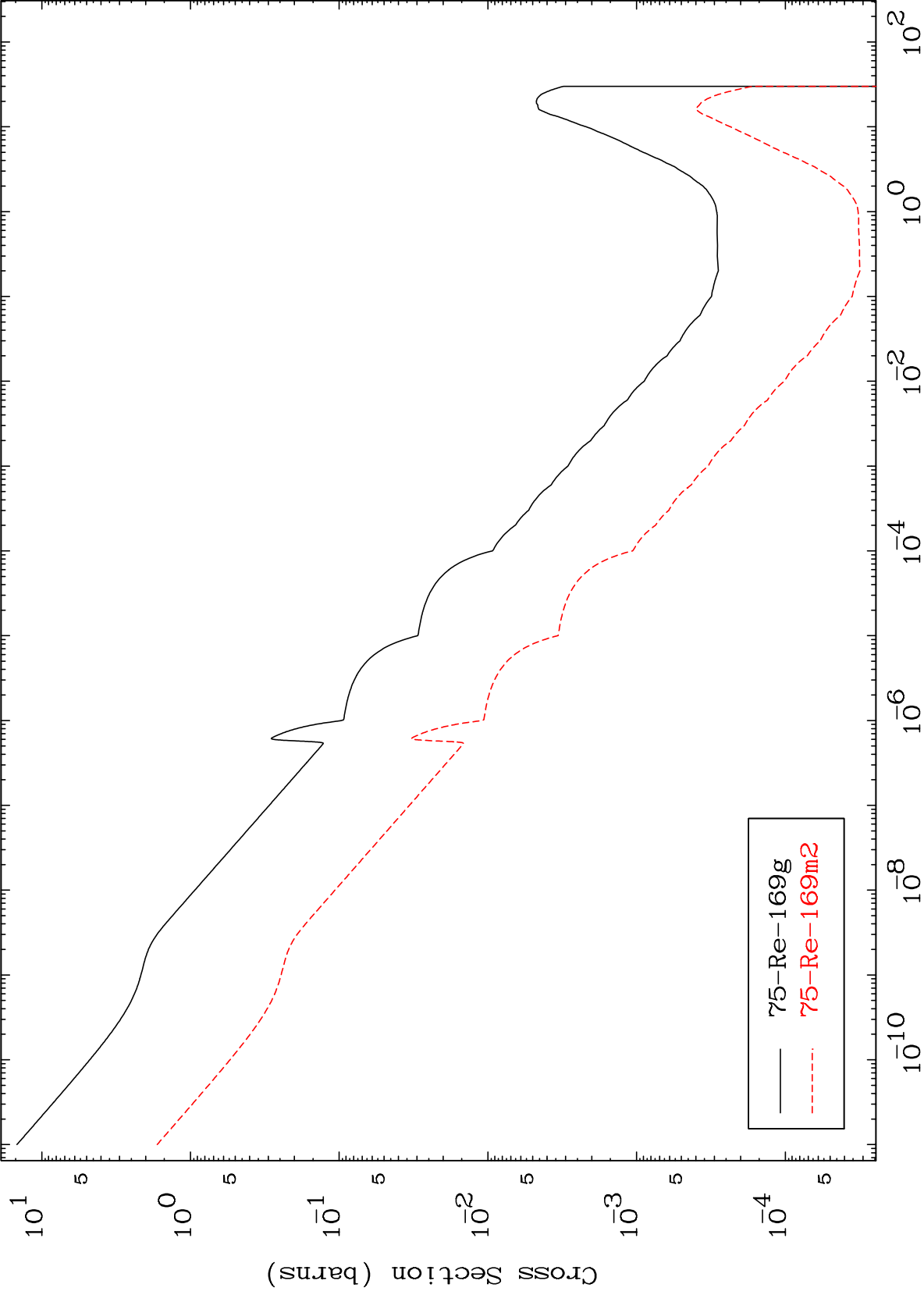
79-Au-176

MAT 7862

(n,2α)

79-Au-176

Radionuclide Production Cross Section



70

Incident Energy (MeV)

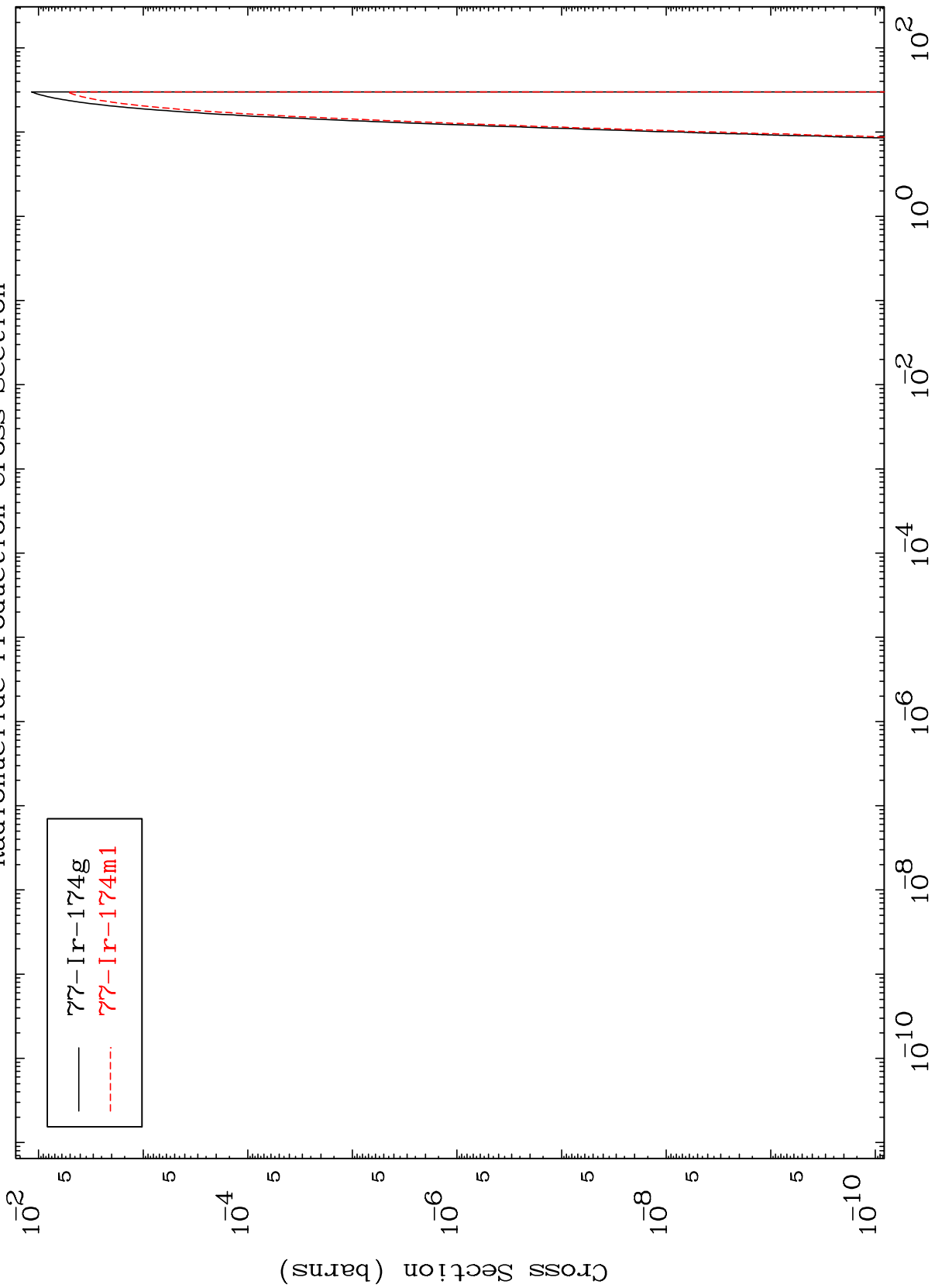
79-Au-176

MAT 7862

(n,p) d

⁷⁹Au-176

Radionuclide Production Cross Section



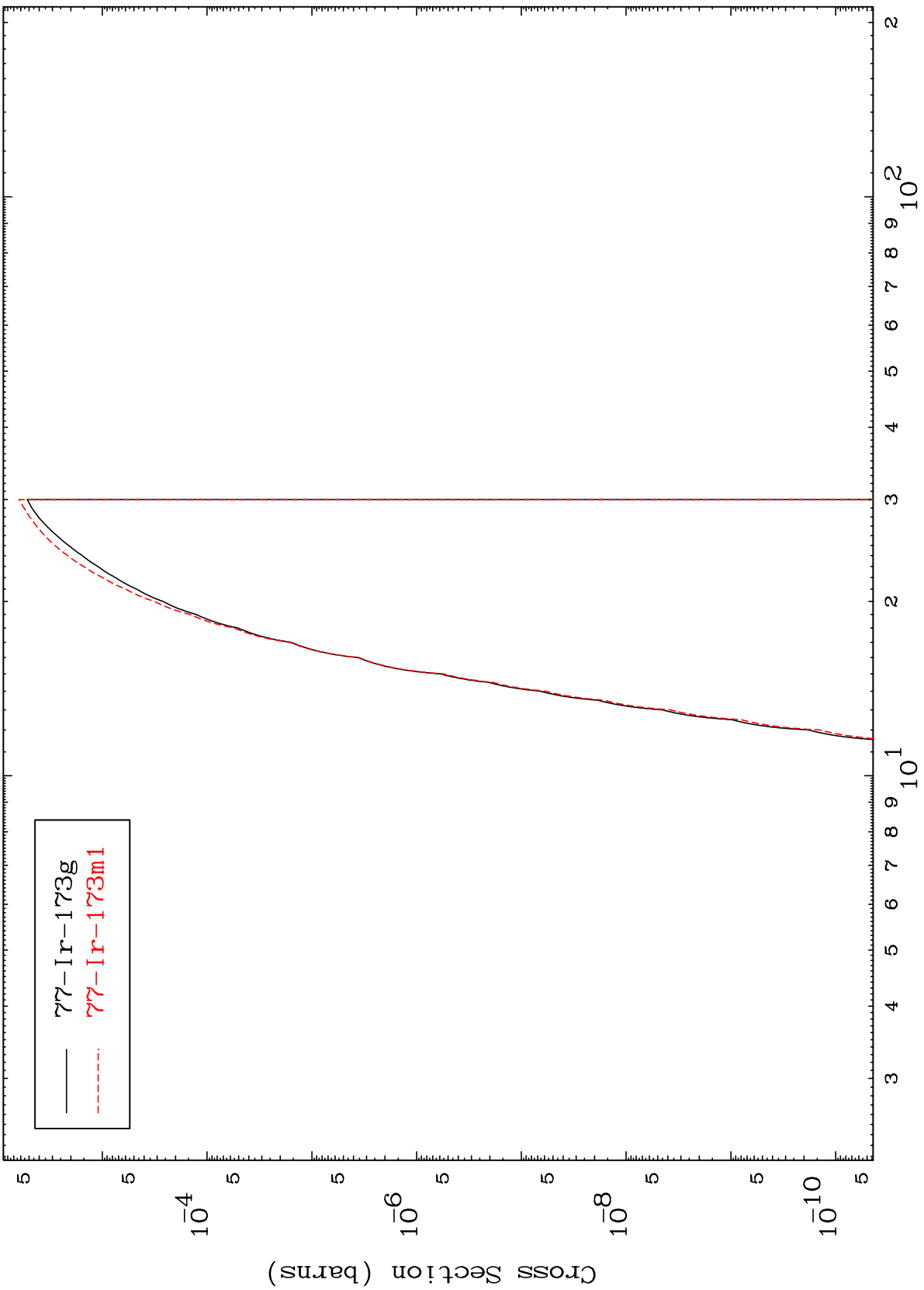
— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

MAT 7862

(n,p) t

79-Au-176

Radionuclide Production Cross Section



72

Incident Energy (MeV)

79-Au-176