

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

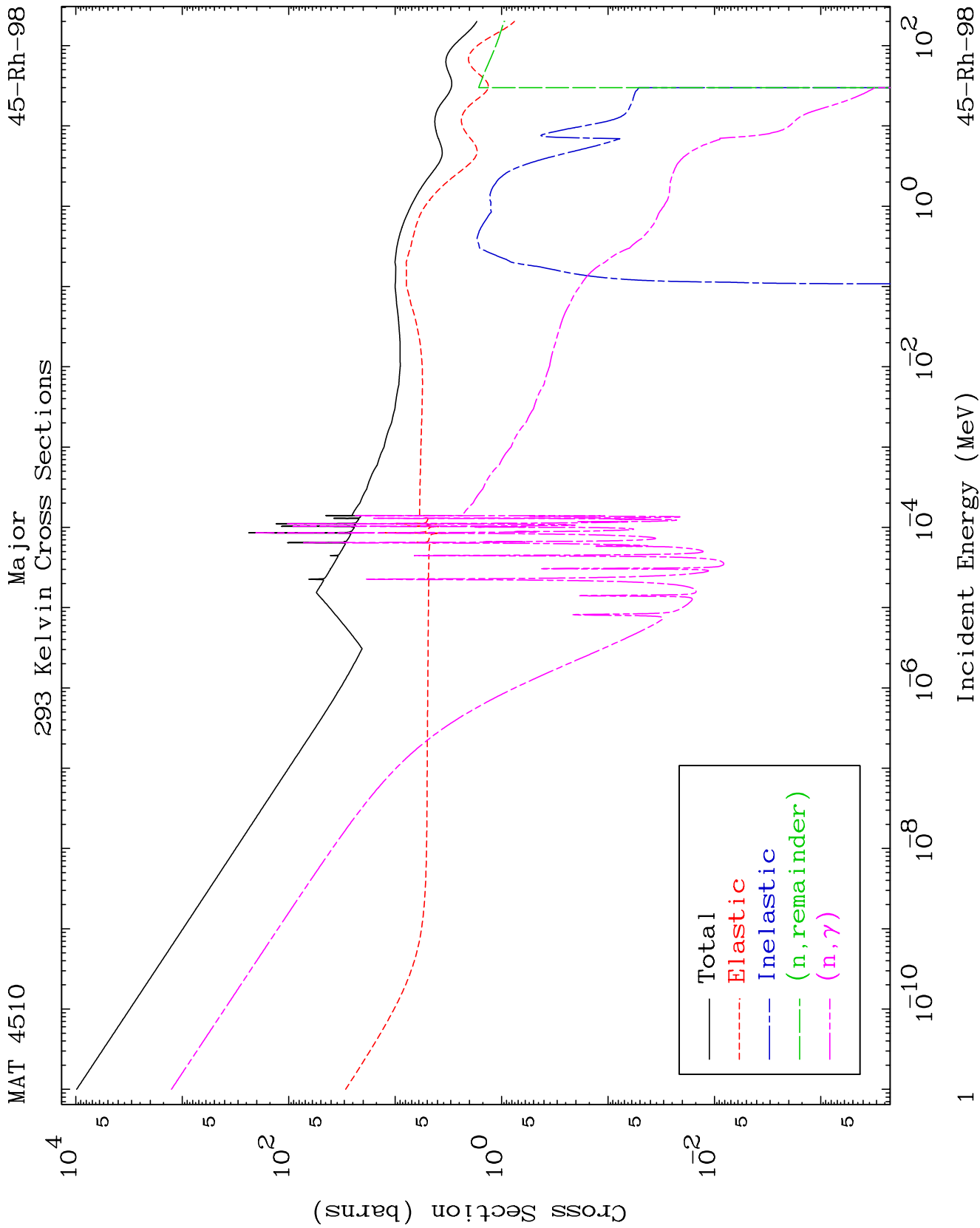
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

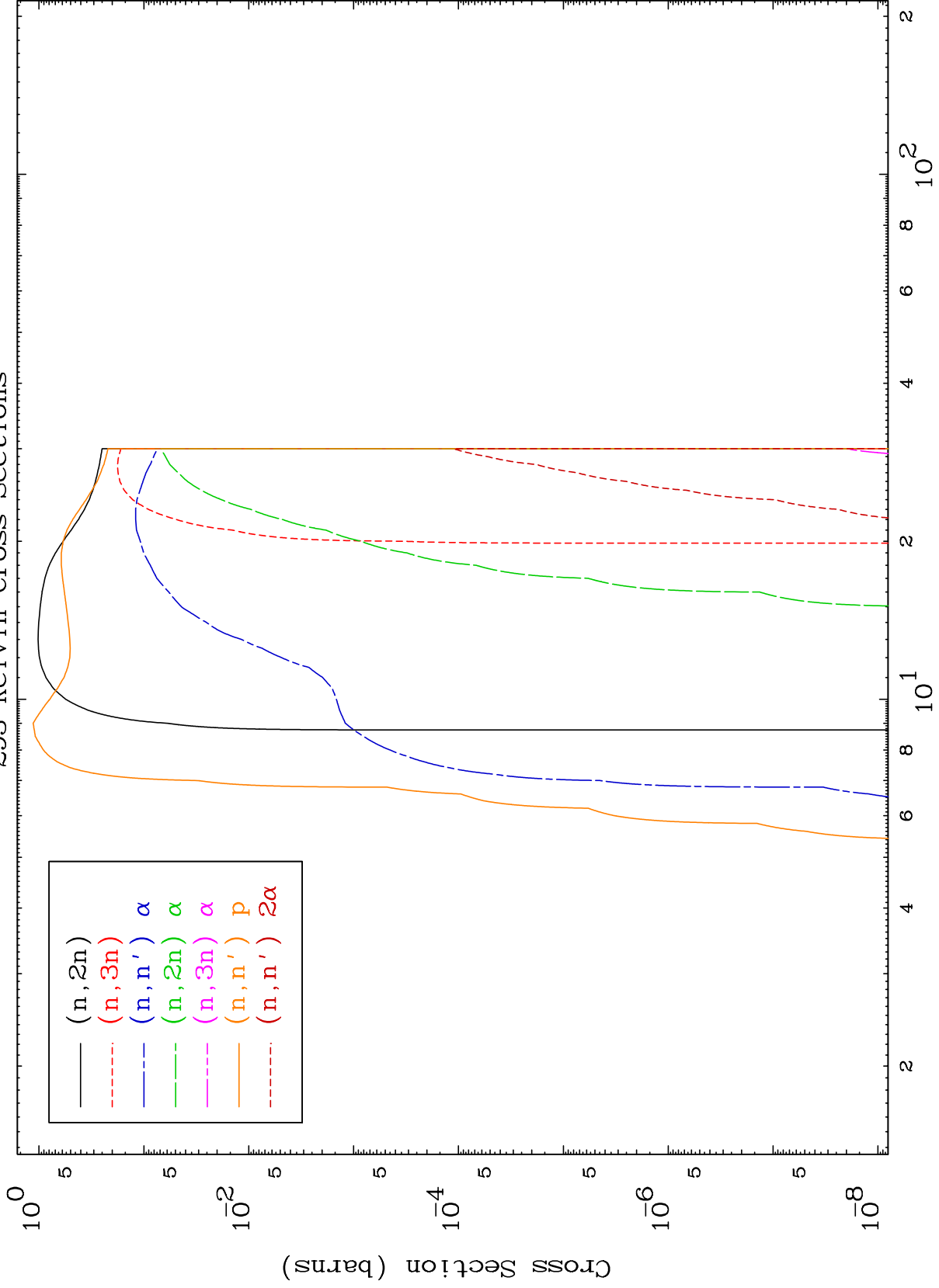
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

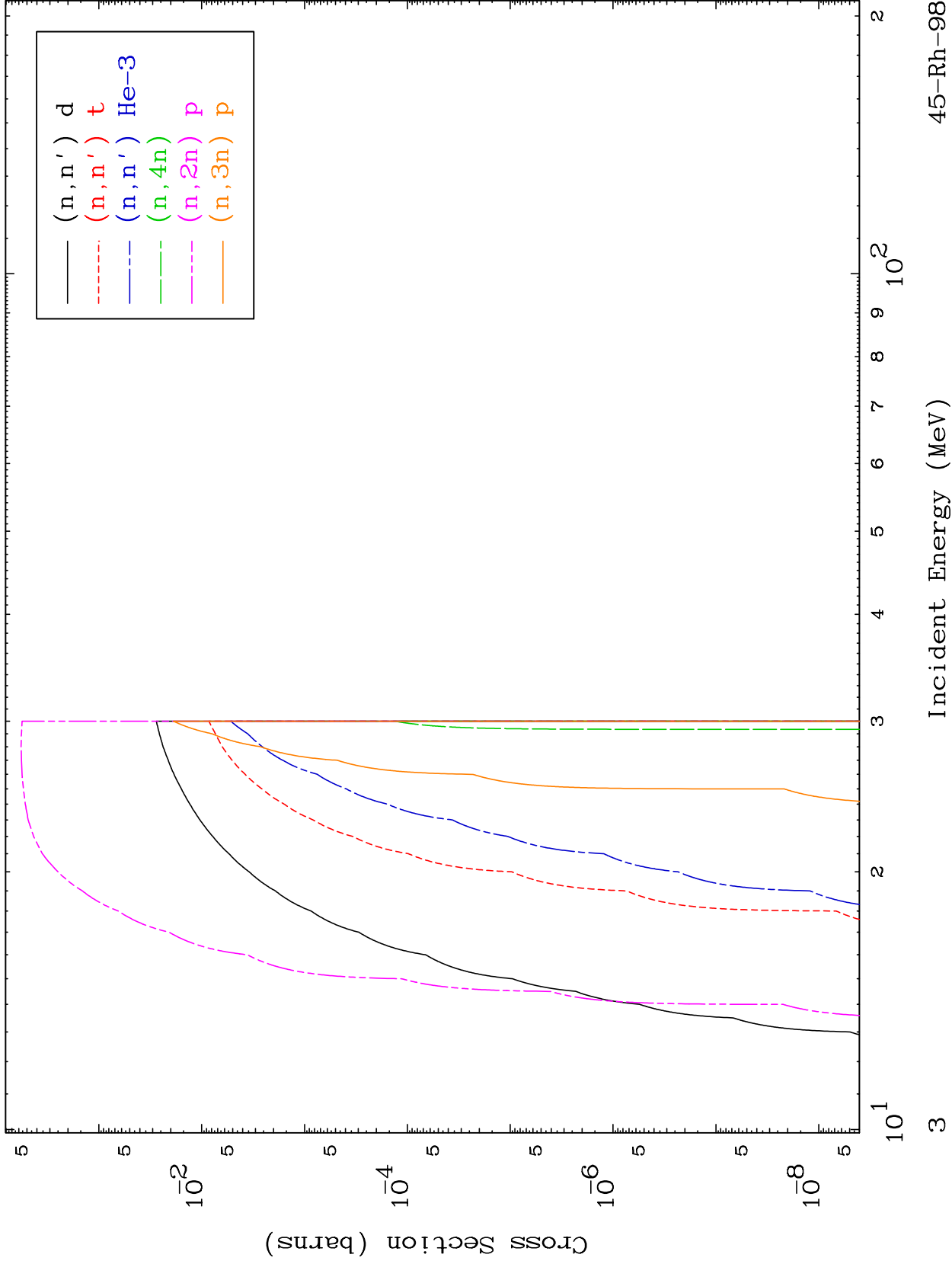




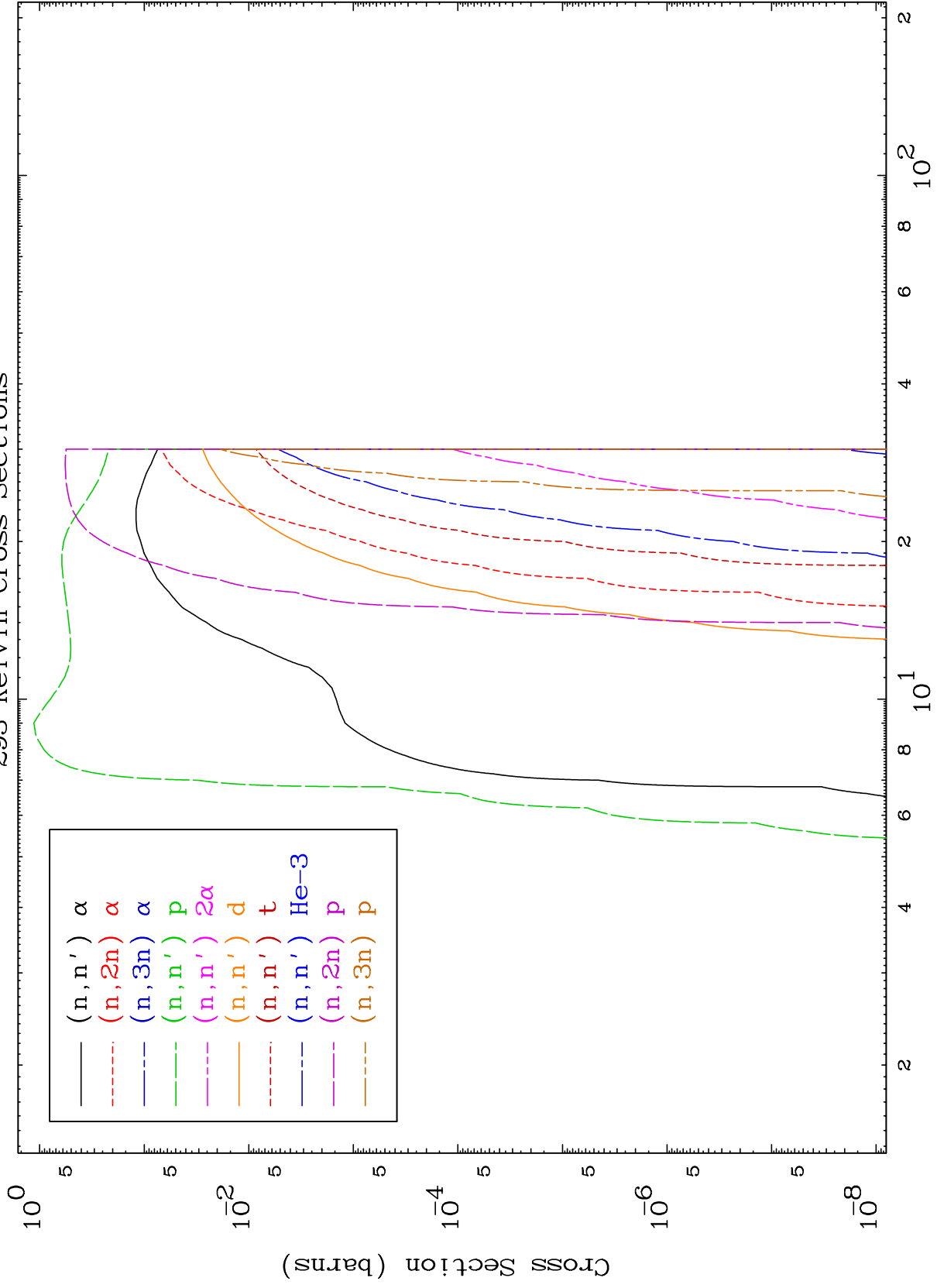
MAT 4510

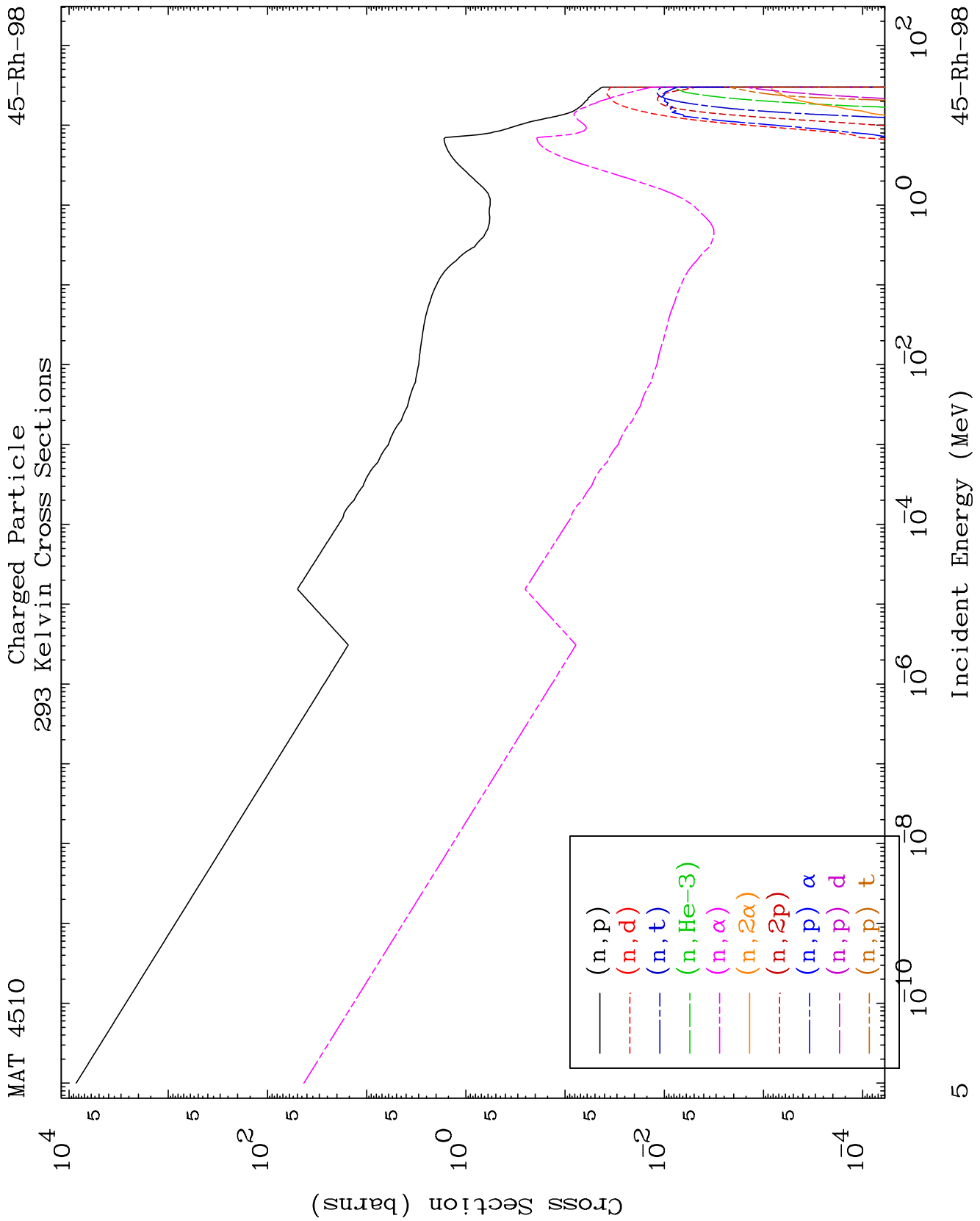
Neutron Production  
293 Kelvin Cross Sections

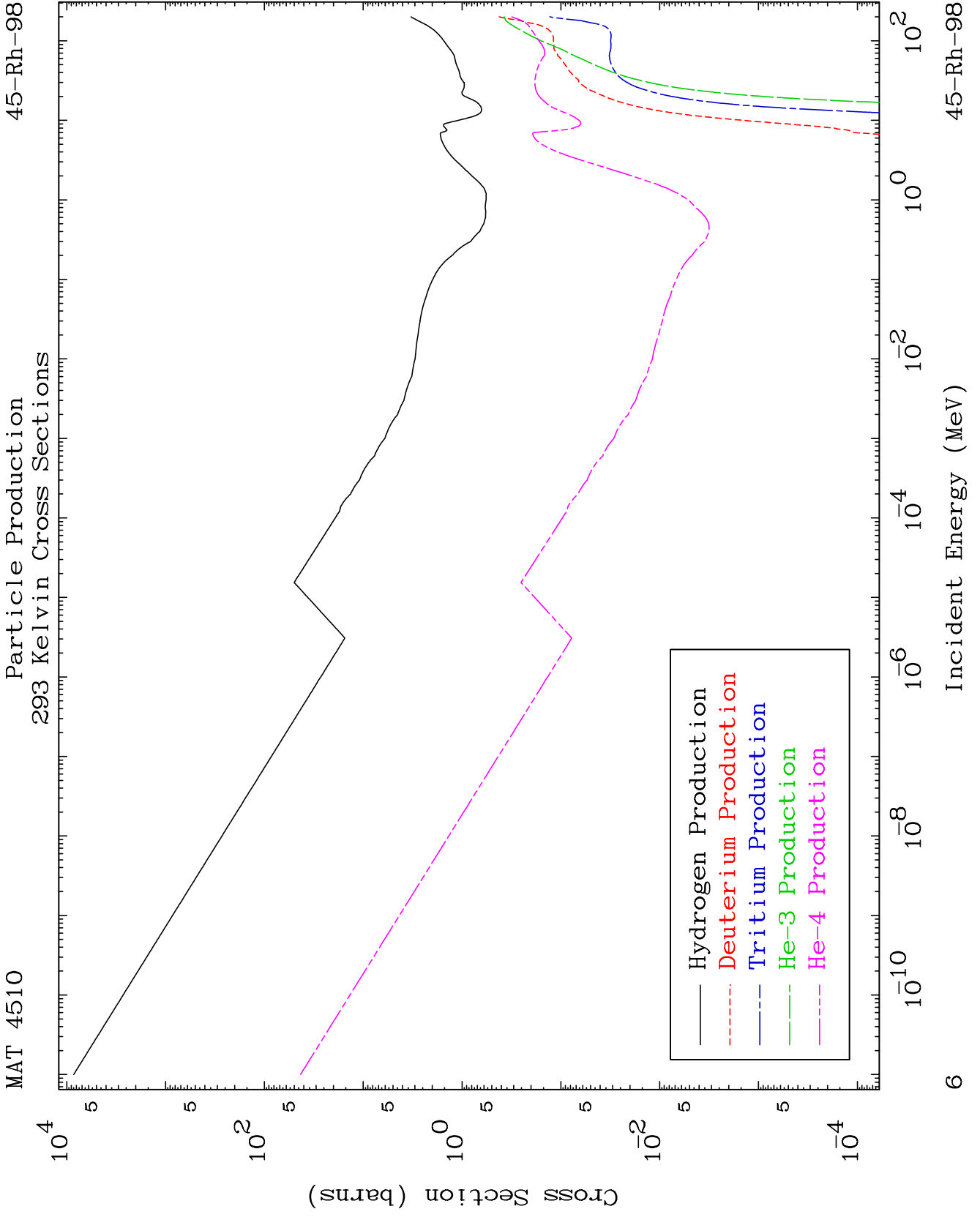
45-Rh-98



45-Rh-98





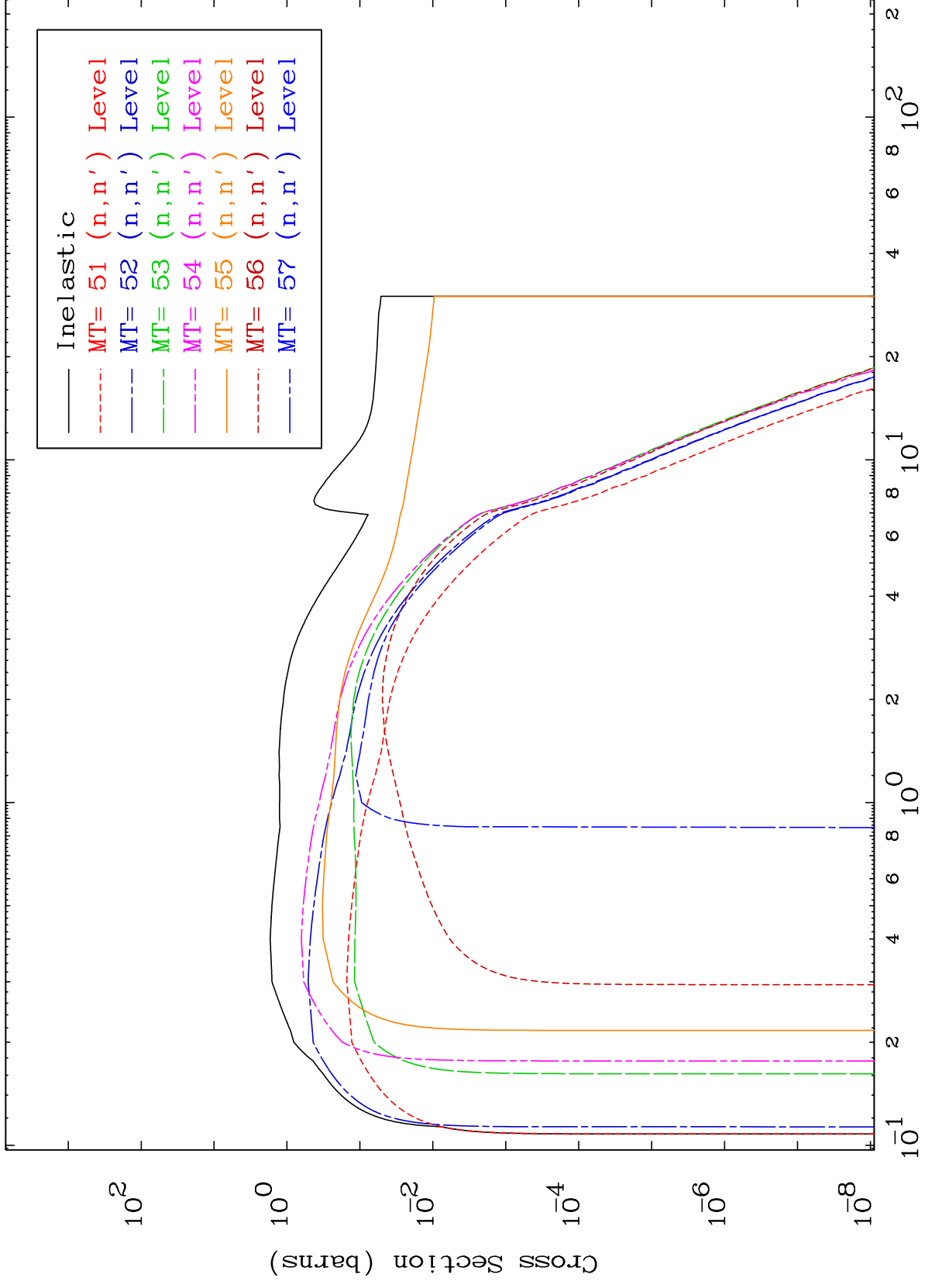


MAT 4510

(n,n') Level

45-Rh-98

293 Kelvin Cross Sections



Incident Energy (MeV)

45-Rh-98

7

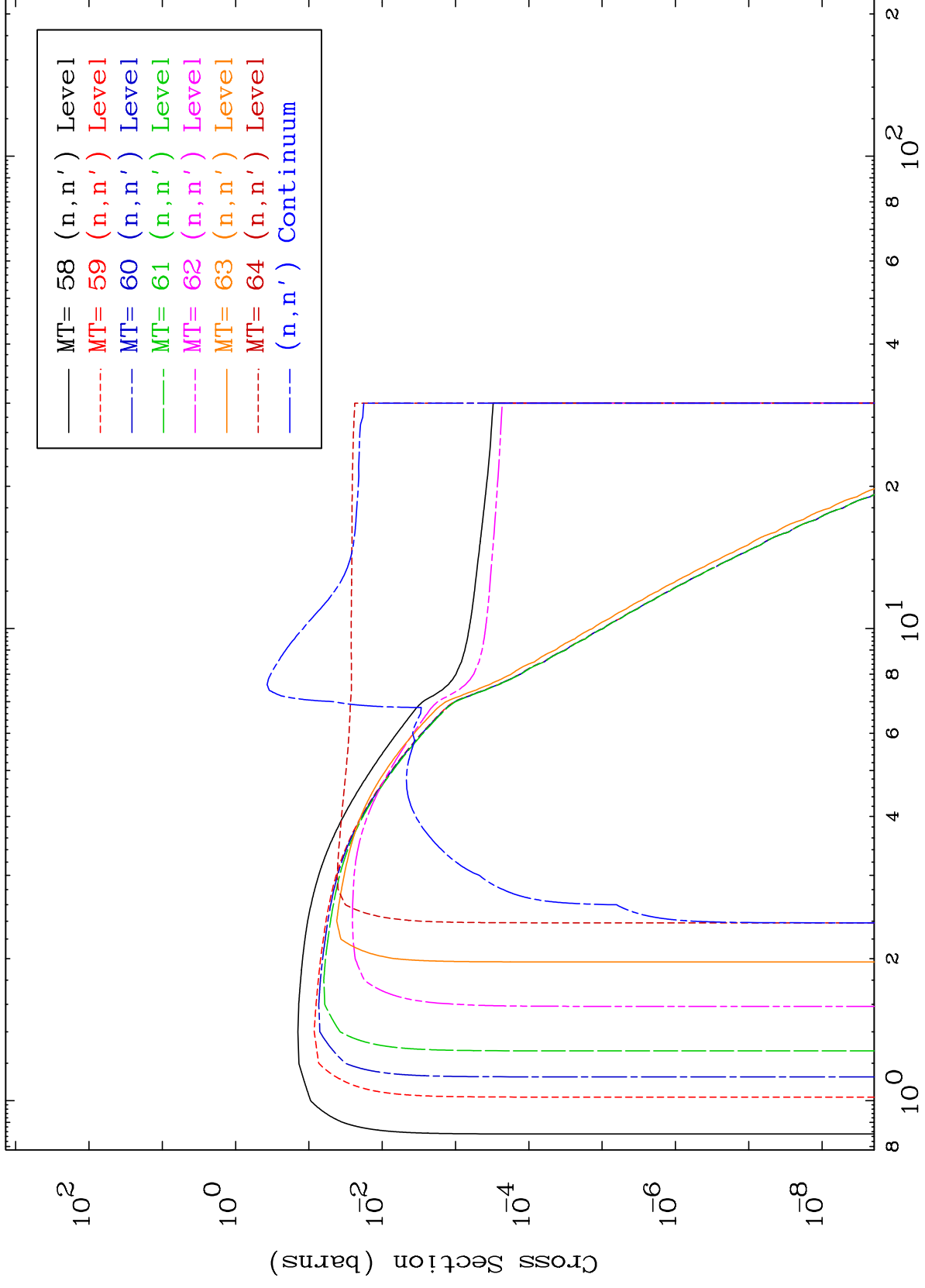


MAT 4510

(n,n') Level

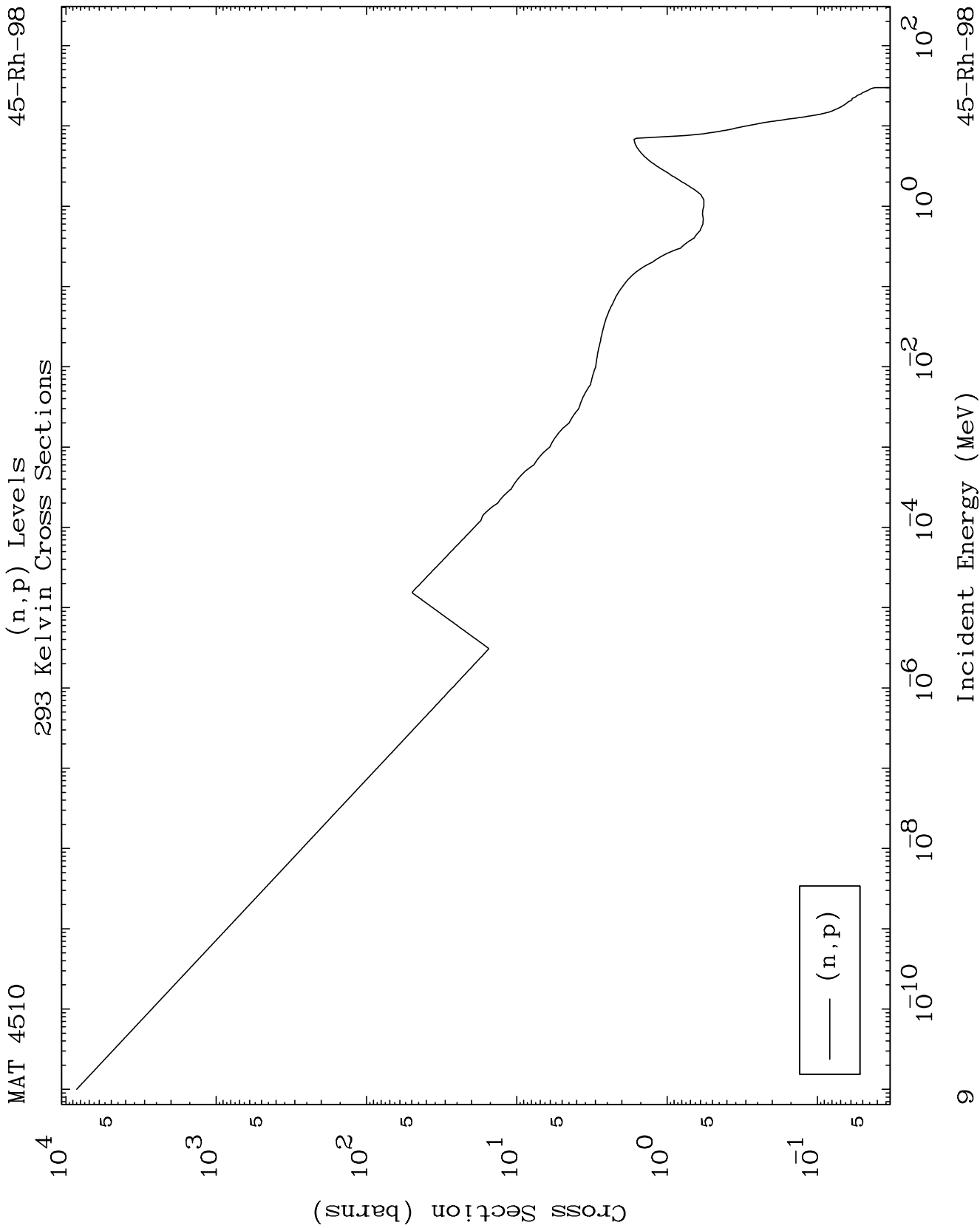
293 Kelvin Cross Sections

45-Rh-98



Incident Energy (MeV)

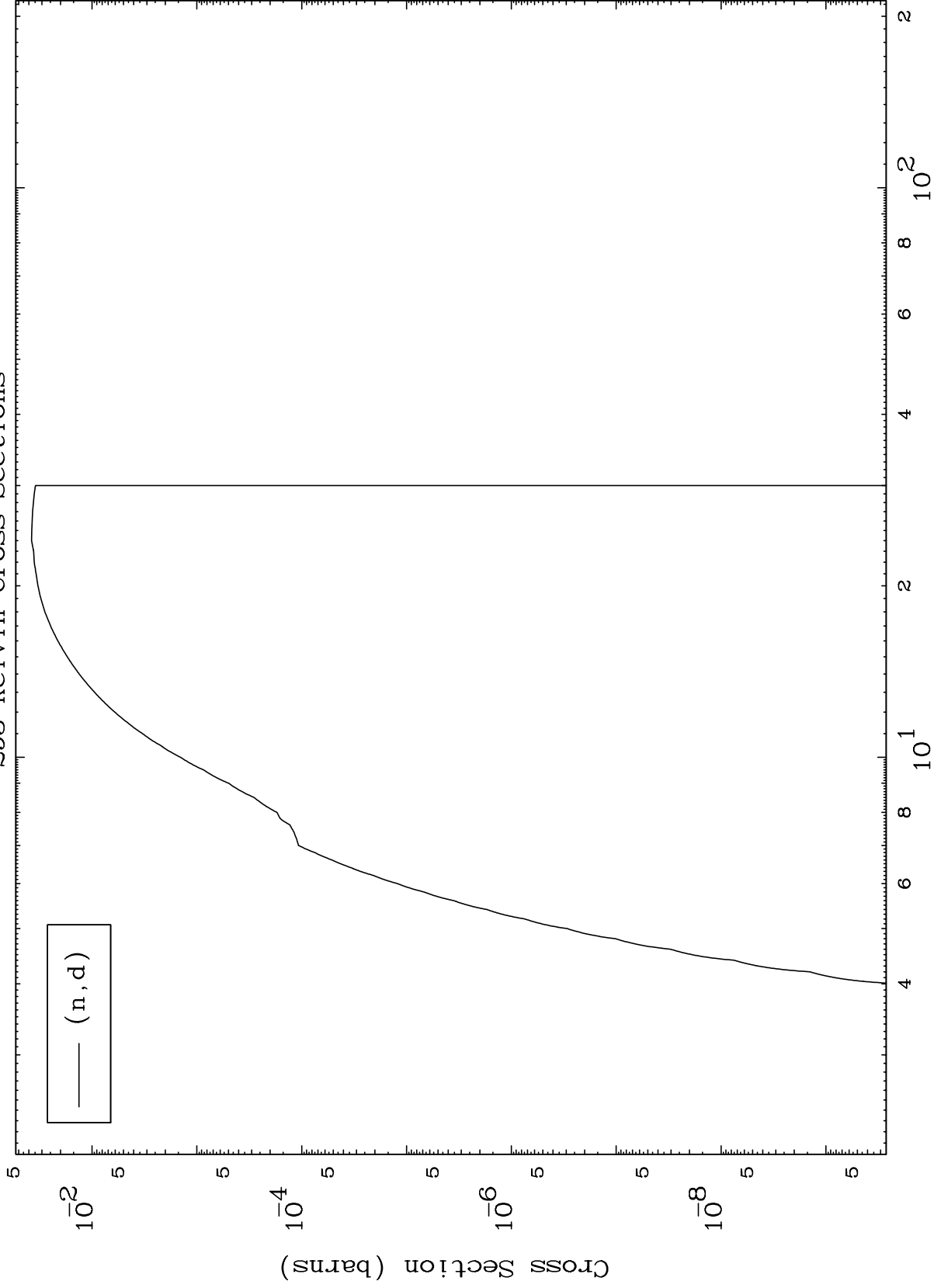
45-Rh-98



MAT 4510

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-98



10

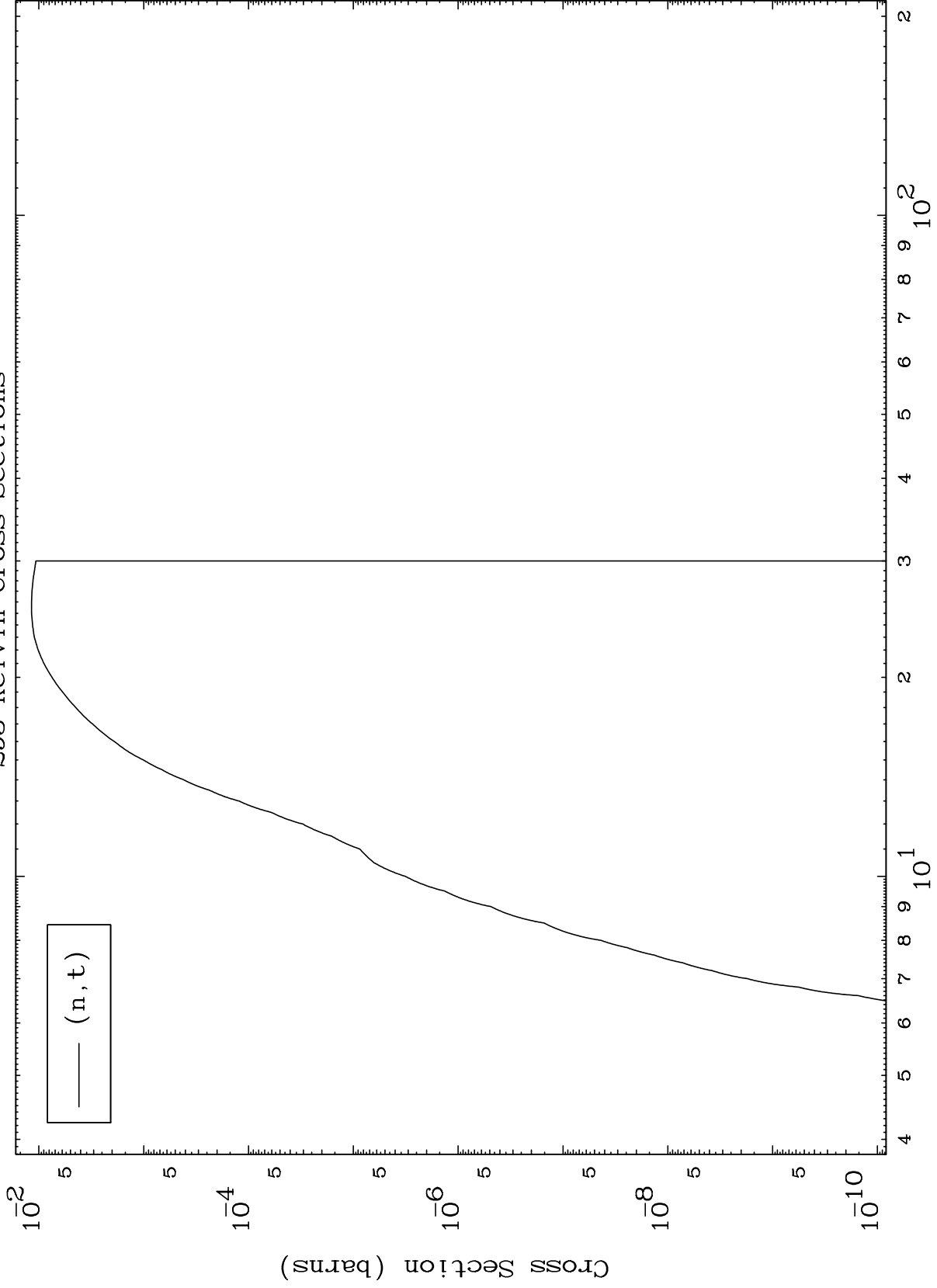
Incident Energy (MeV)

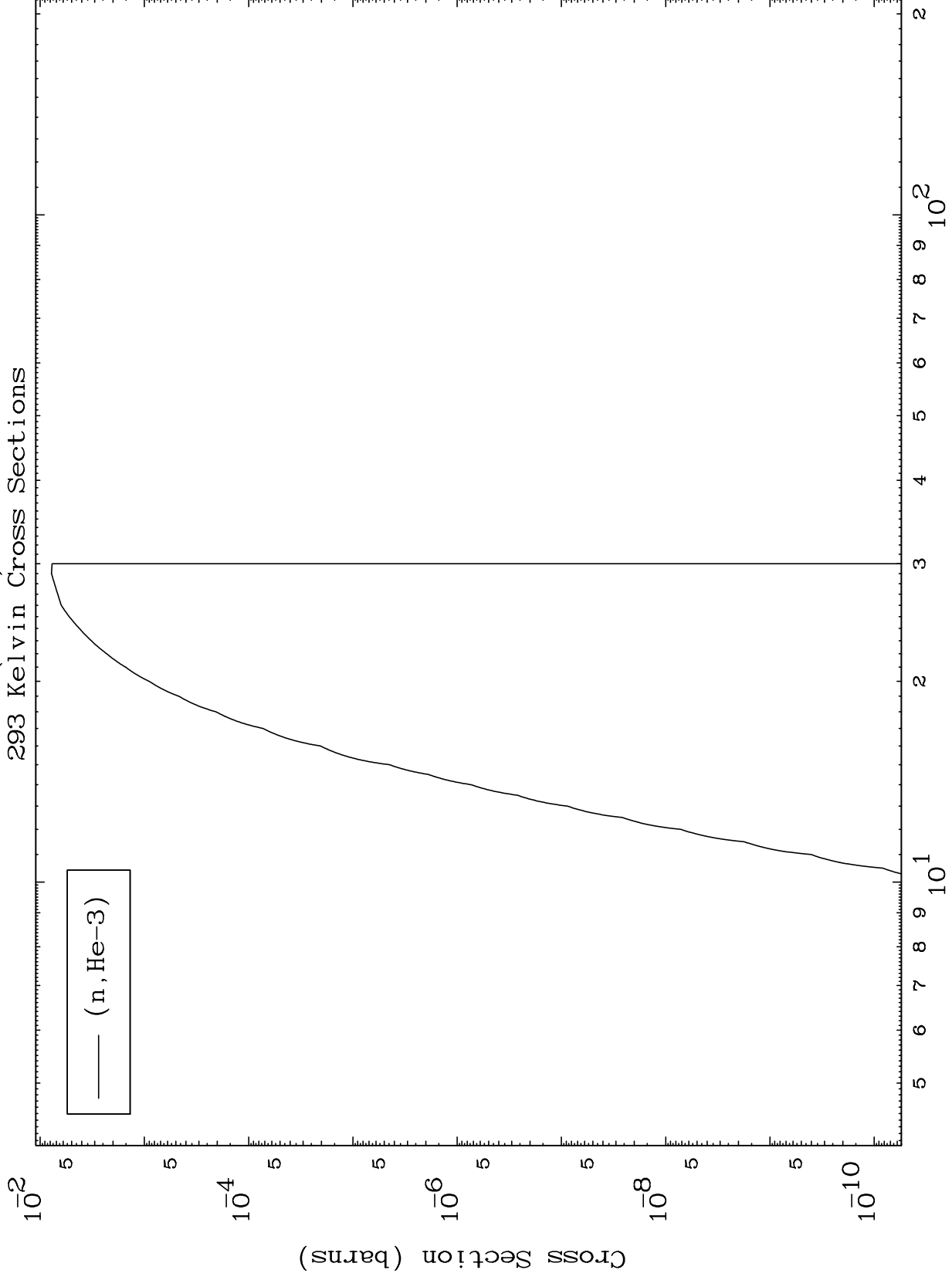
45-Rh-98

MAT 4510

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-98

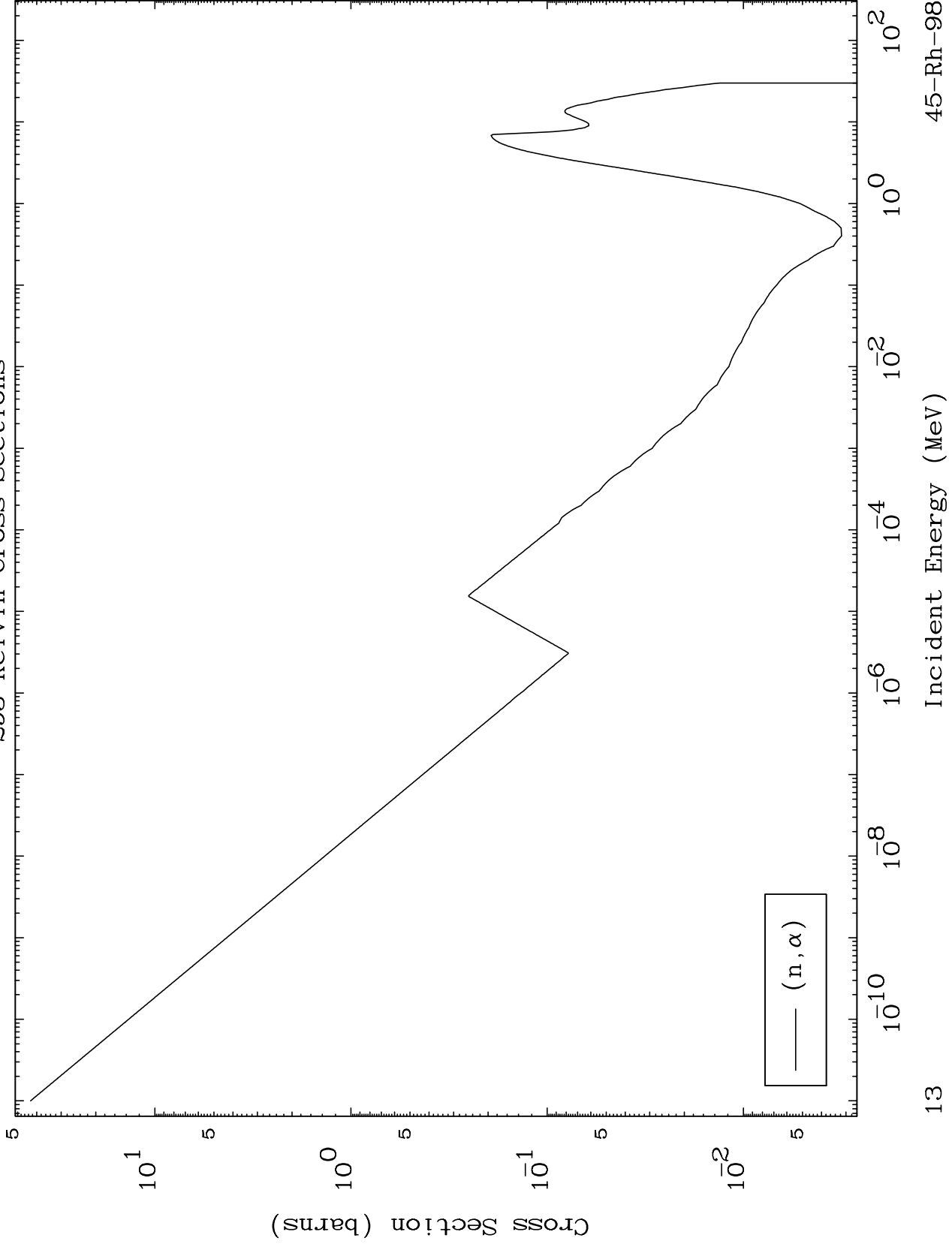


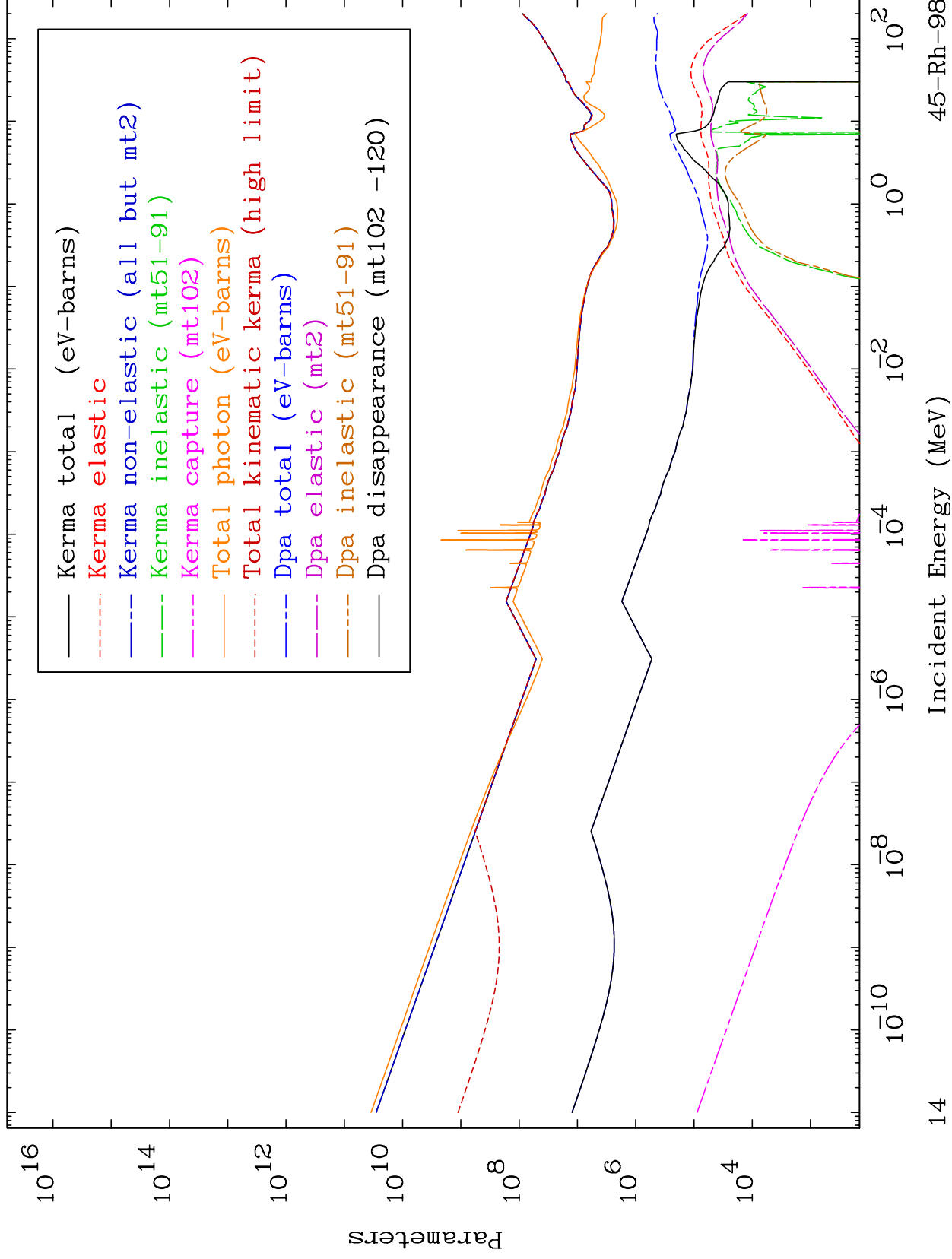


MAT 4510

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

45-Rh-98

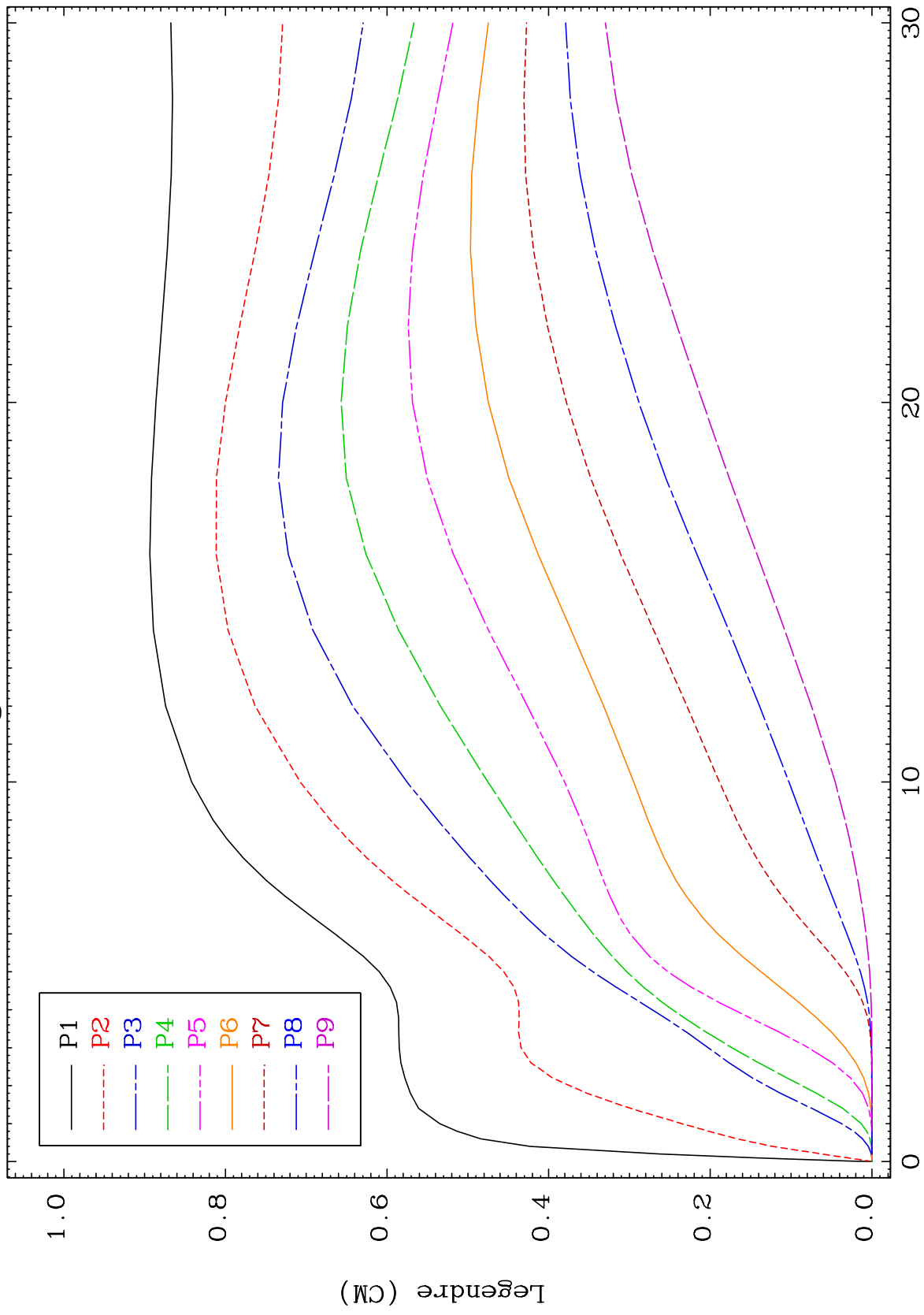




MAT 4510

Elastic Legendre Coefficients

45-Rh-98

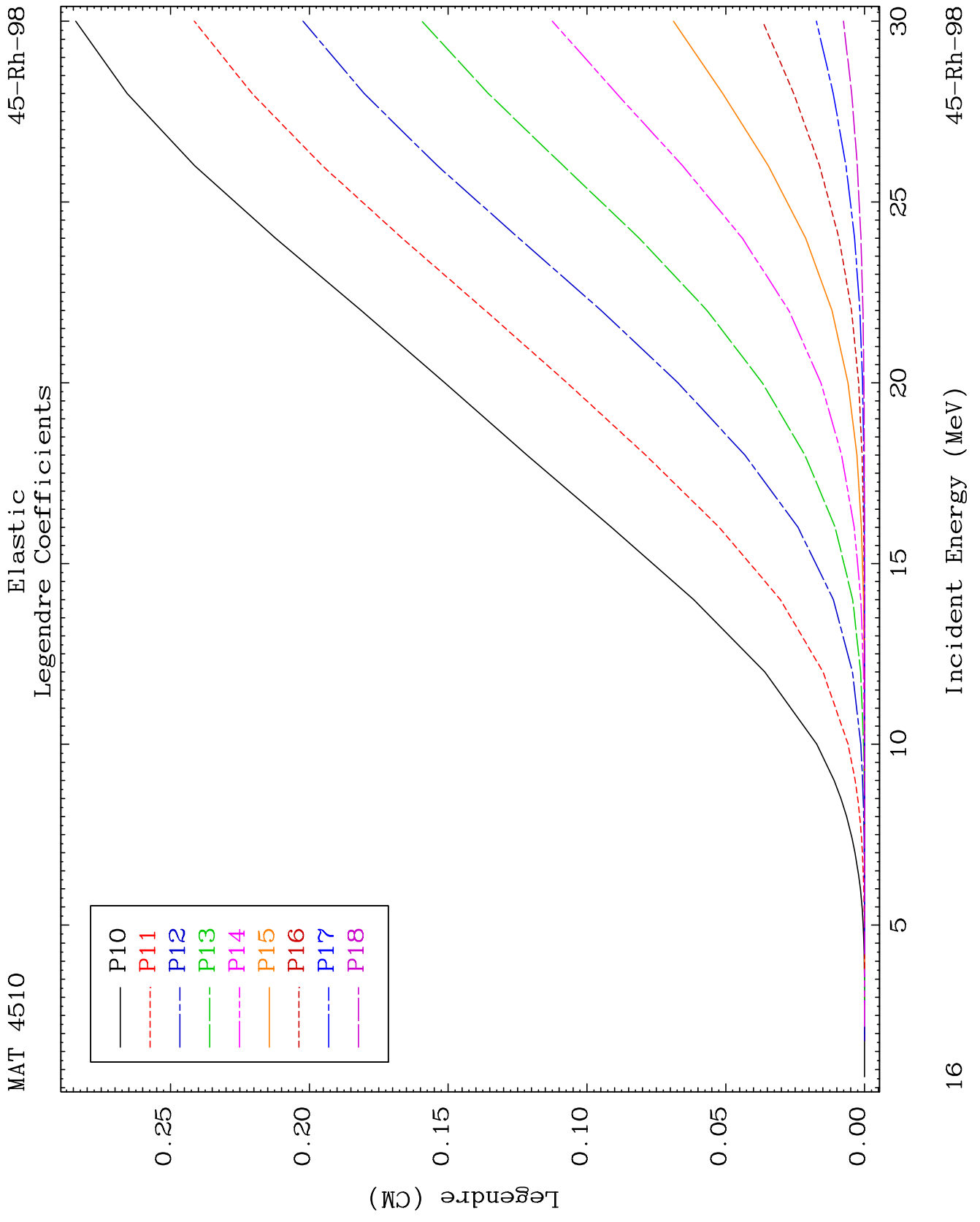


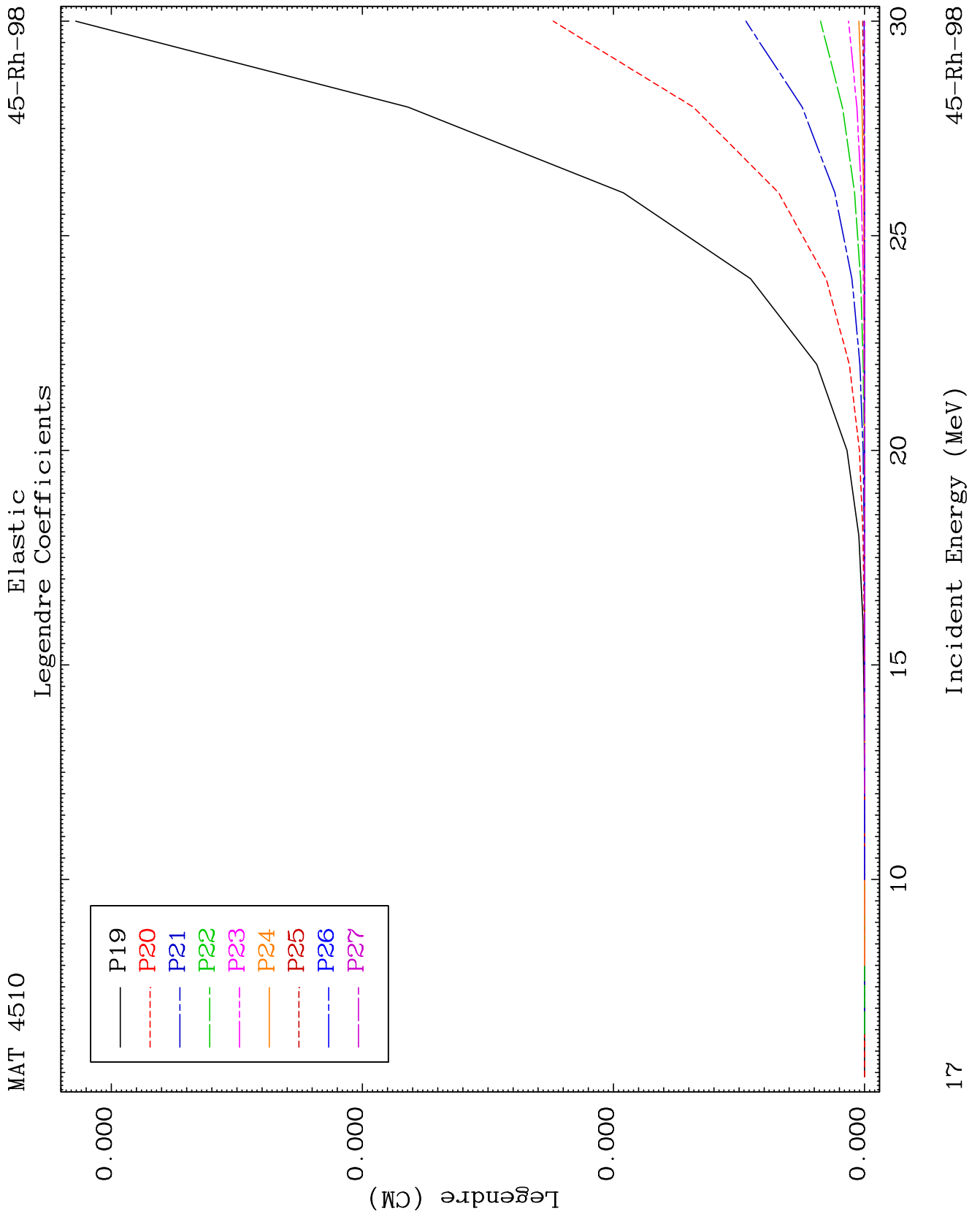
15

Incident Energy (MeV)

45-Rh-98







MAT 4510

45-Rh-98

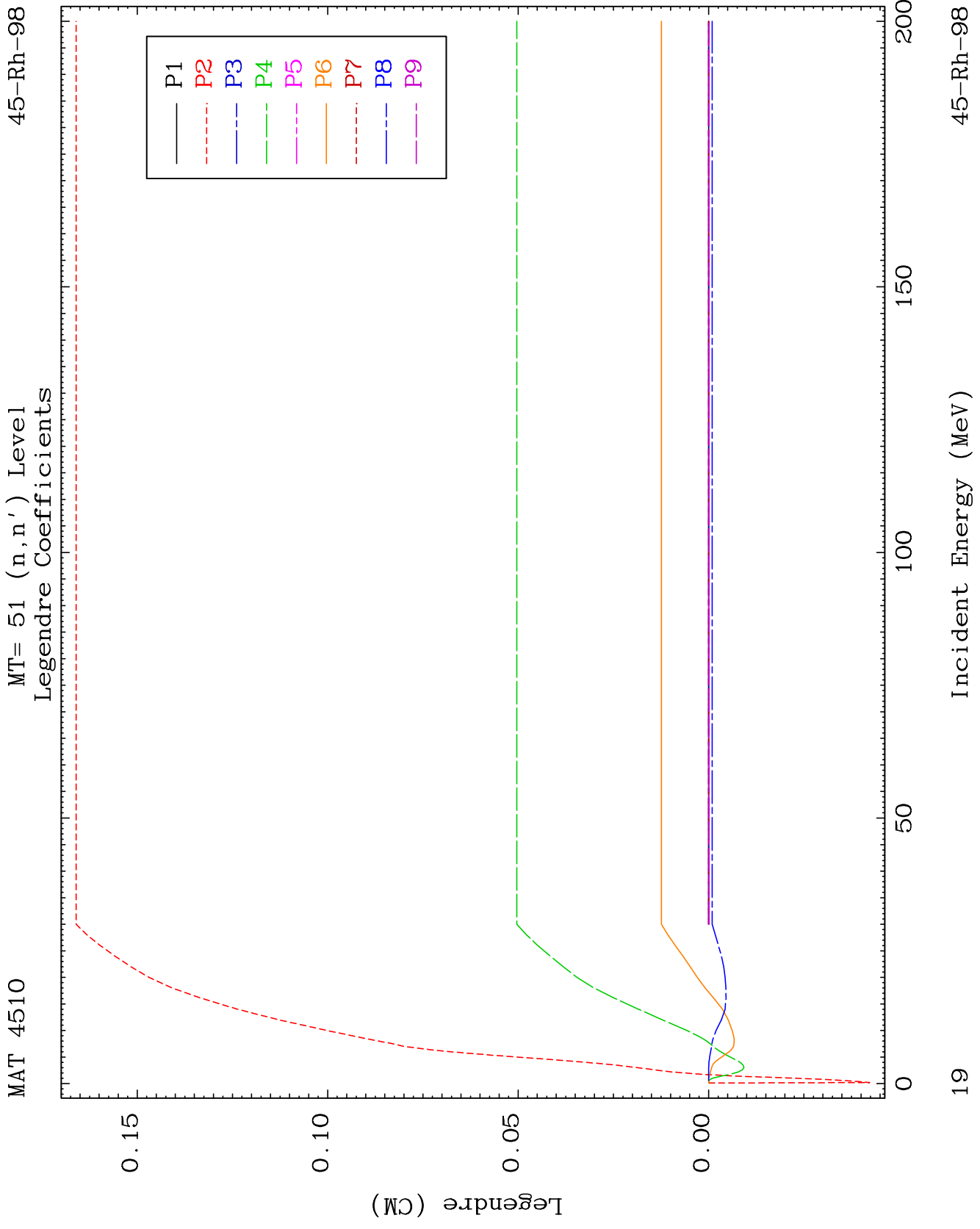
Elastic Legendre Coefficients



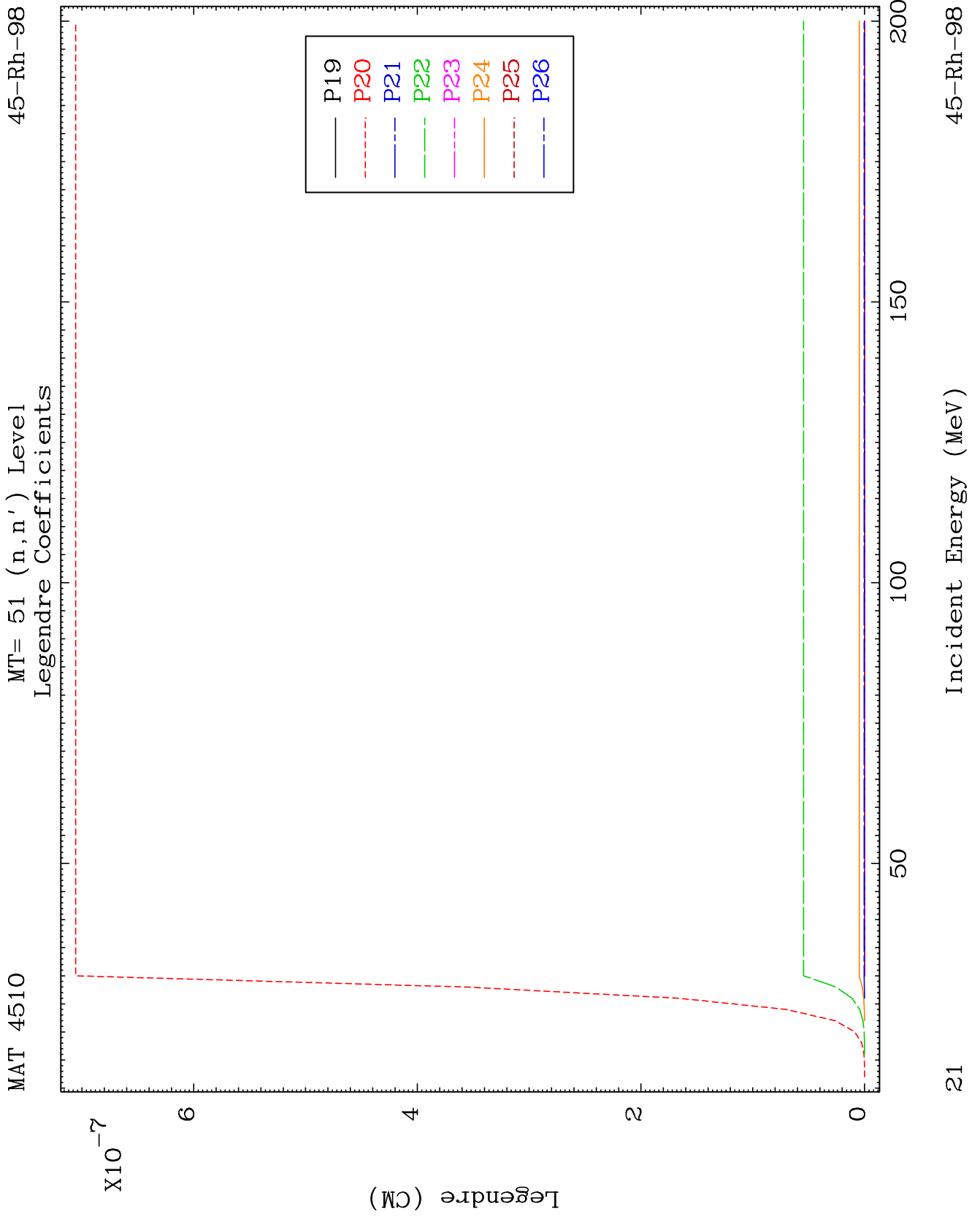
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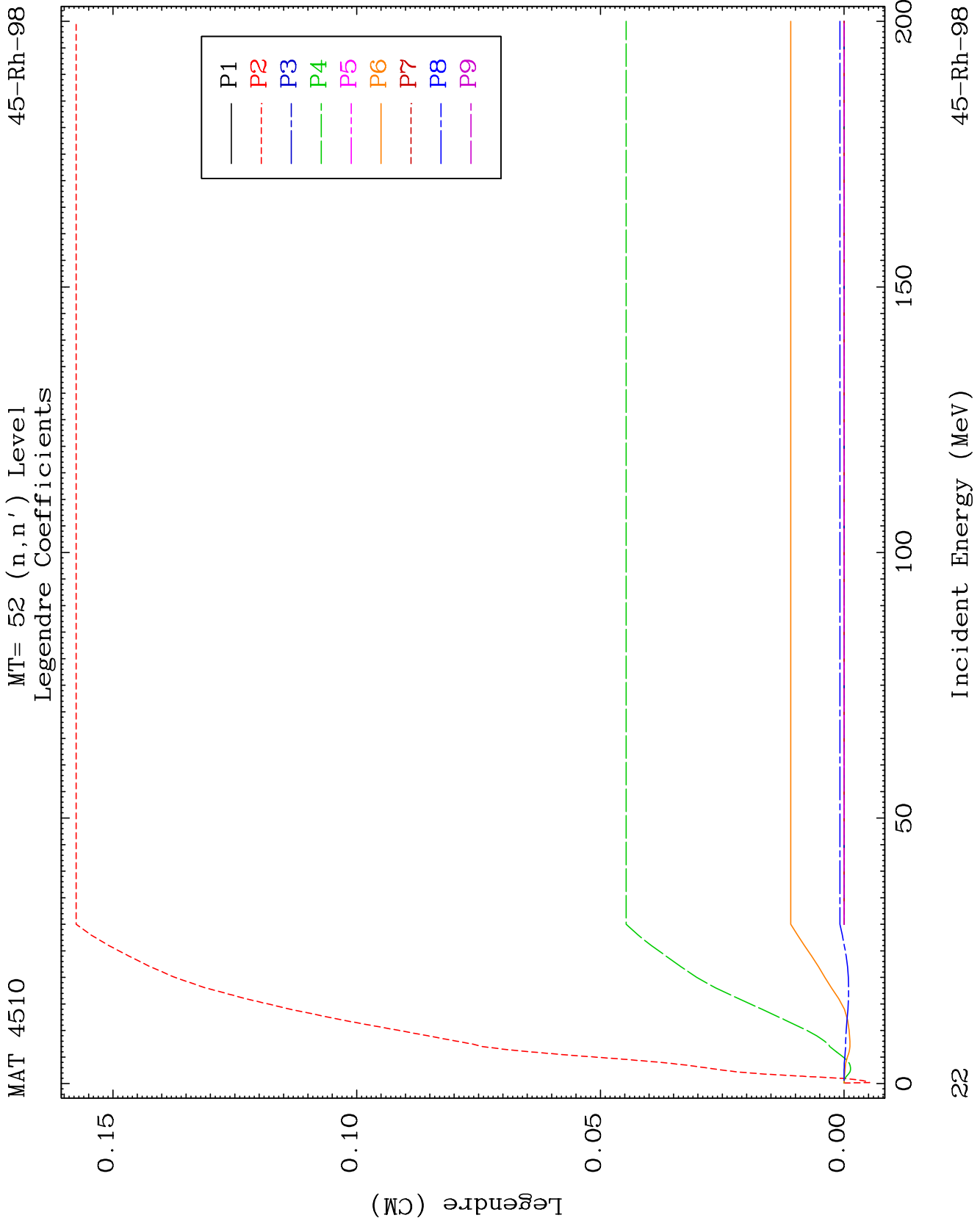
Incident Energy (MeV)

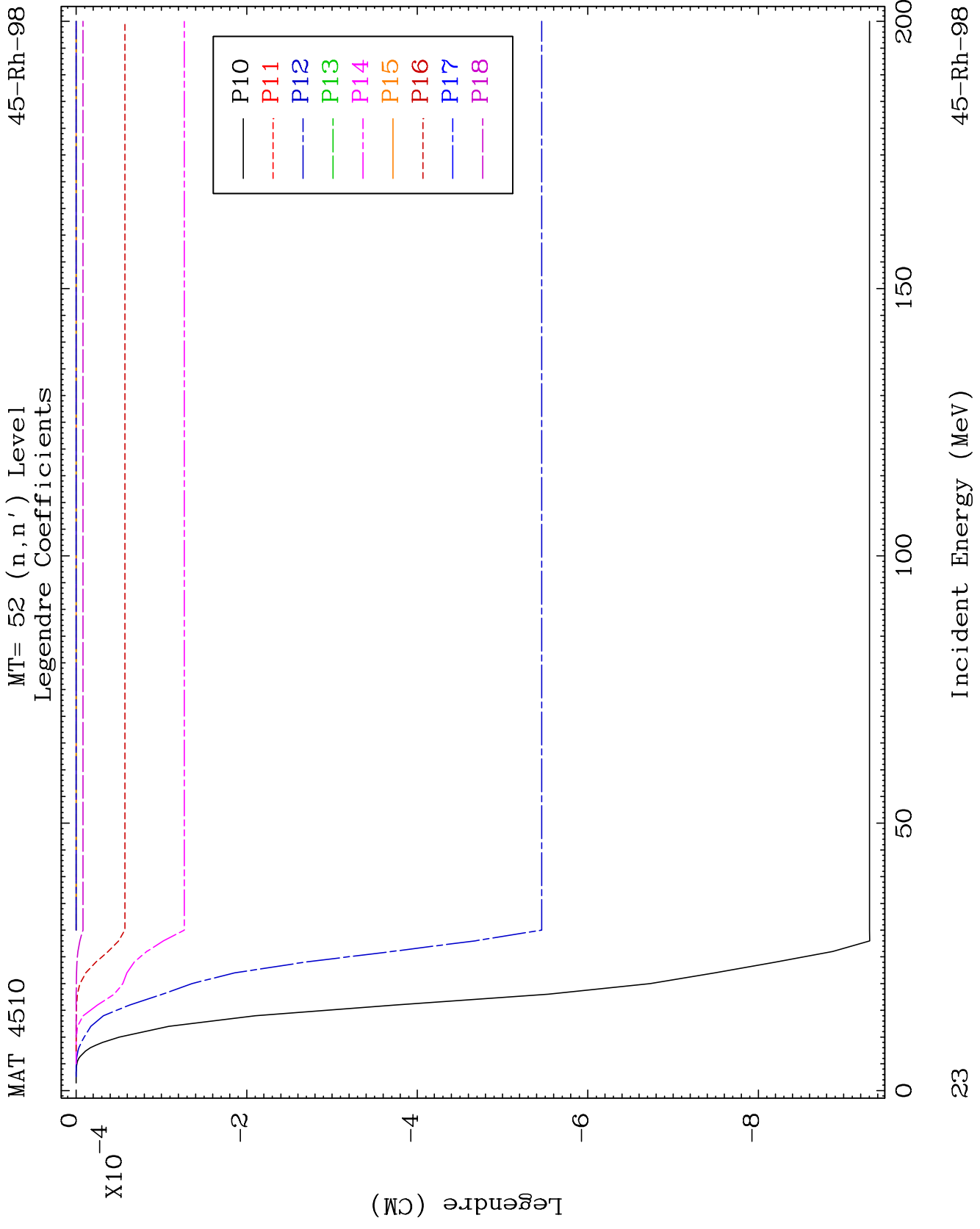
45-Rh-98



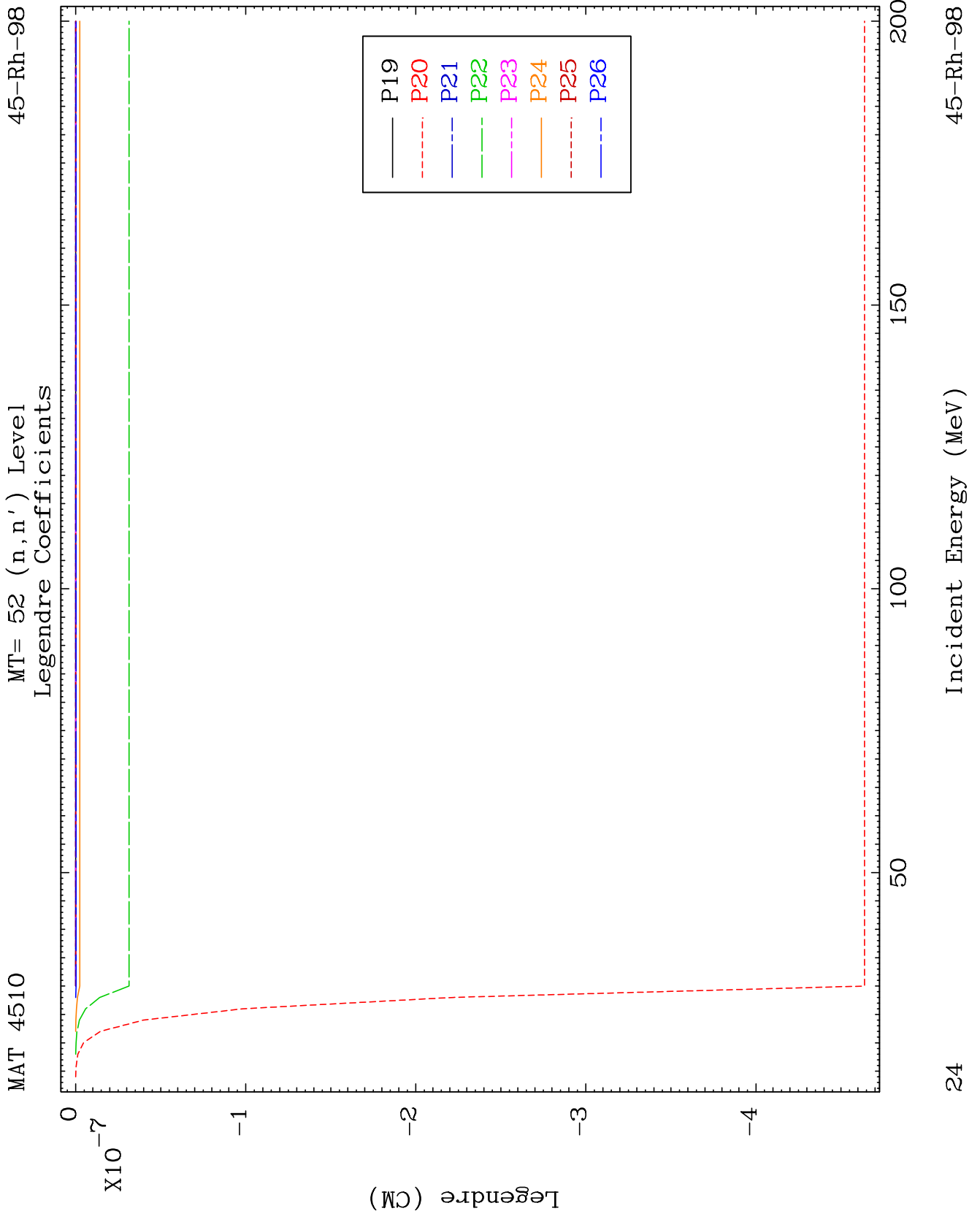


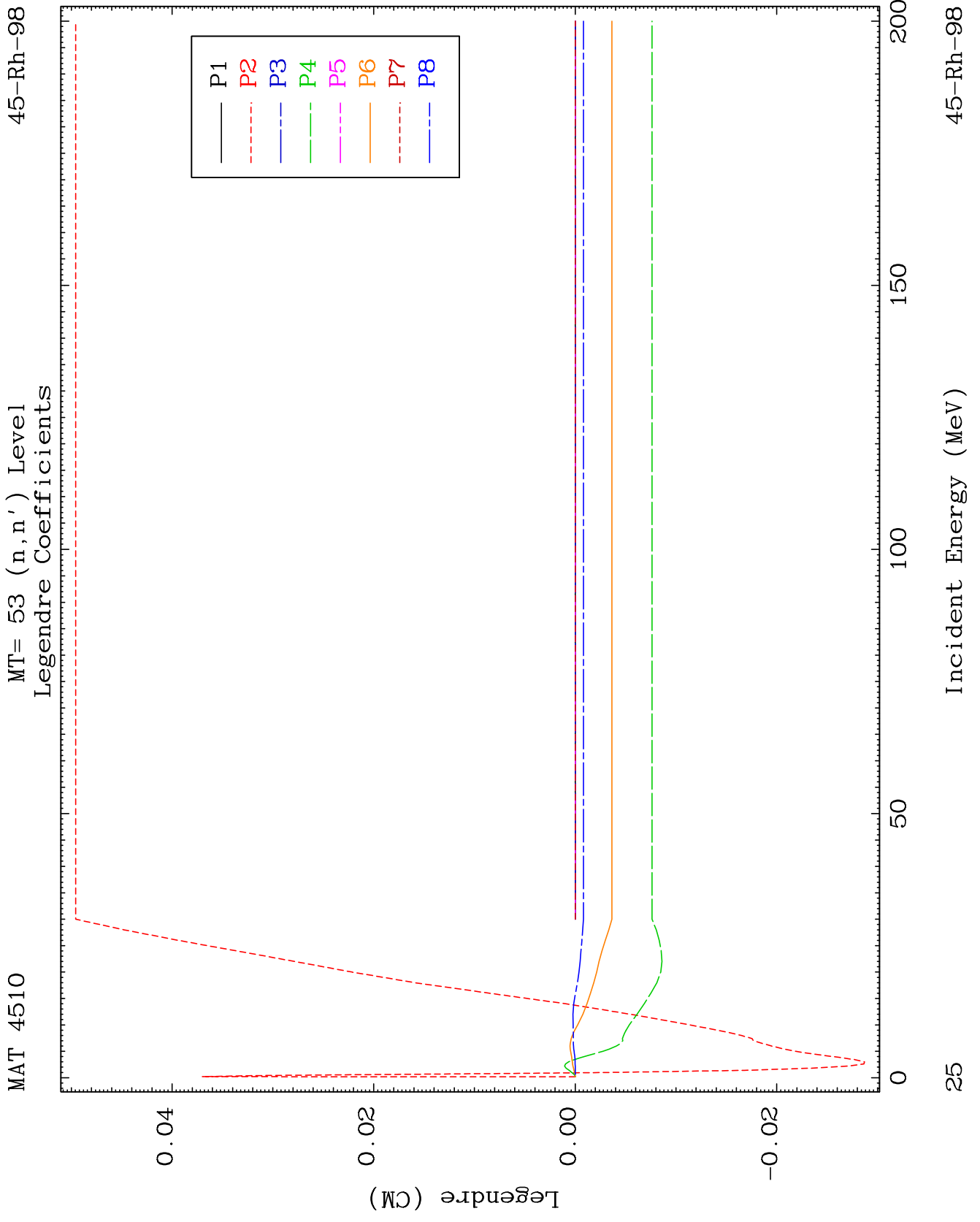








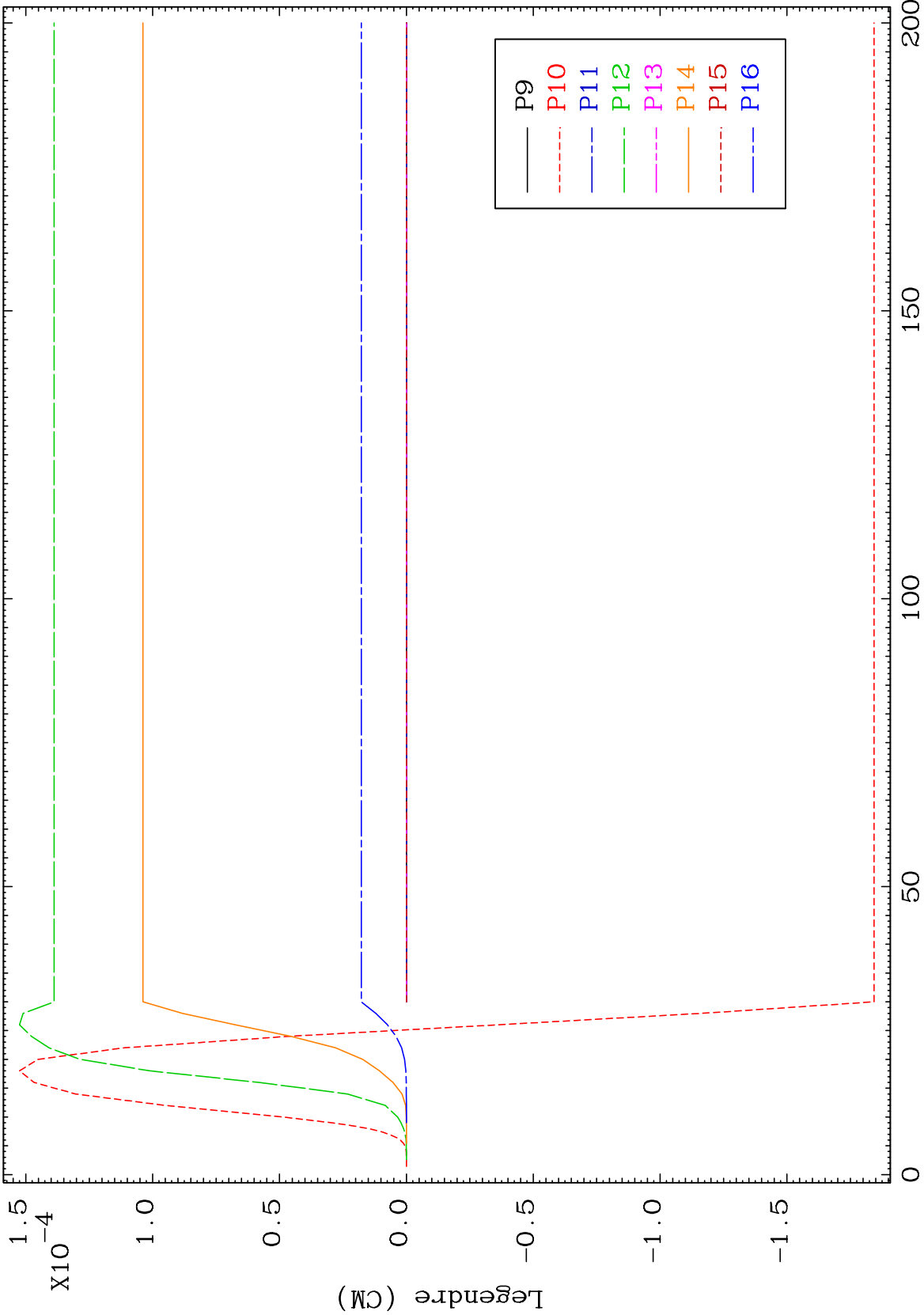




MAT 4510

MT= 53 (n,n') Level  
Legendre Coefficients

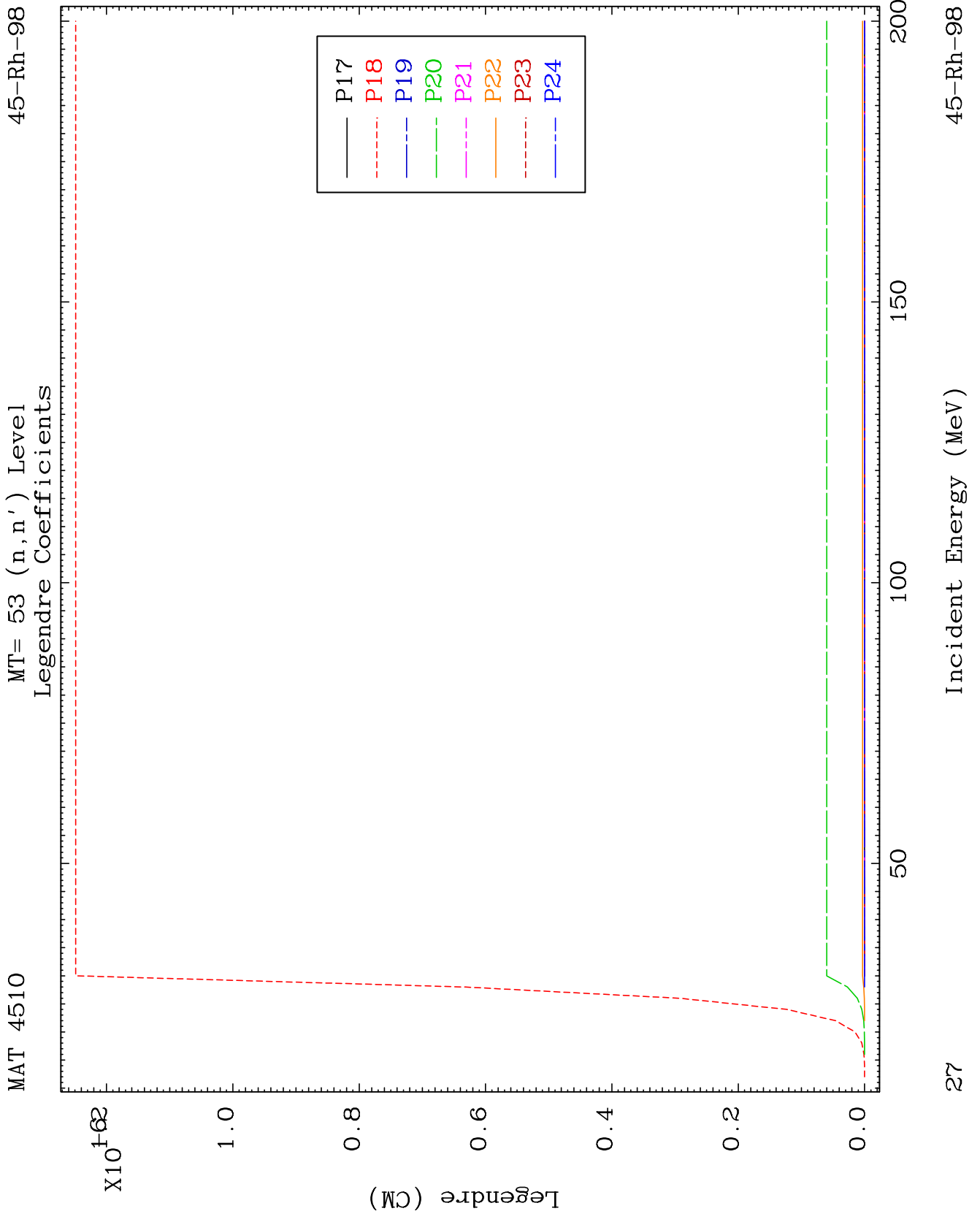
45-Rh-98



26

Incident Energy (MeV)

45-Rh-98

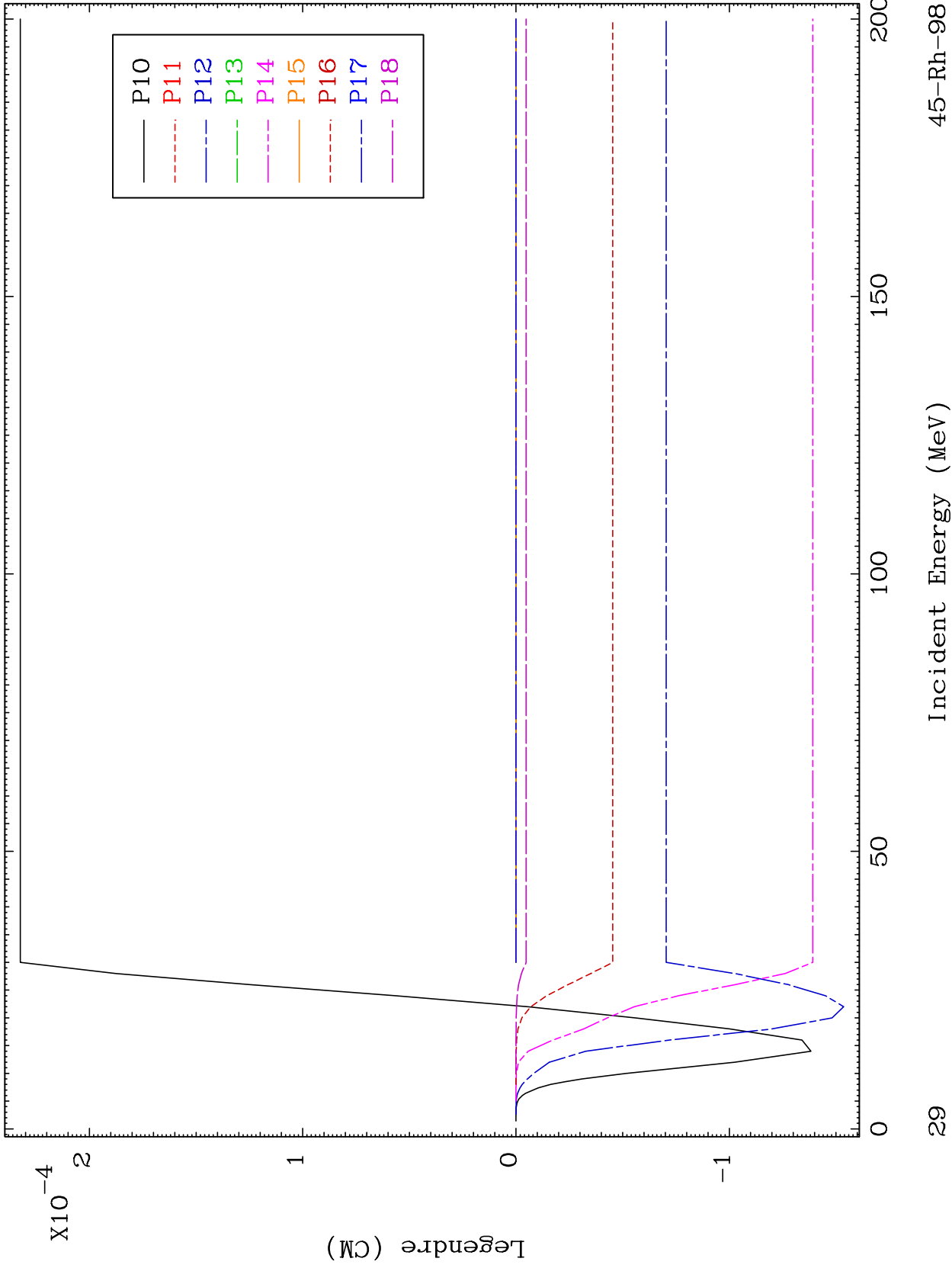




MAT 4510

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

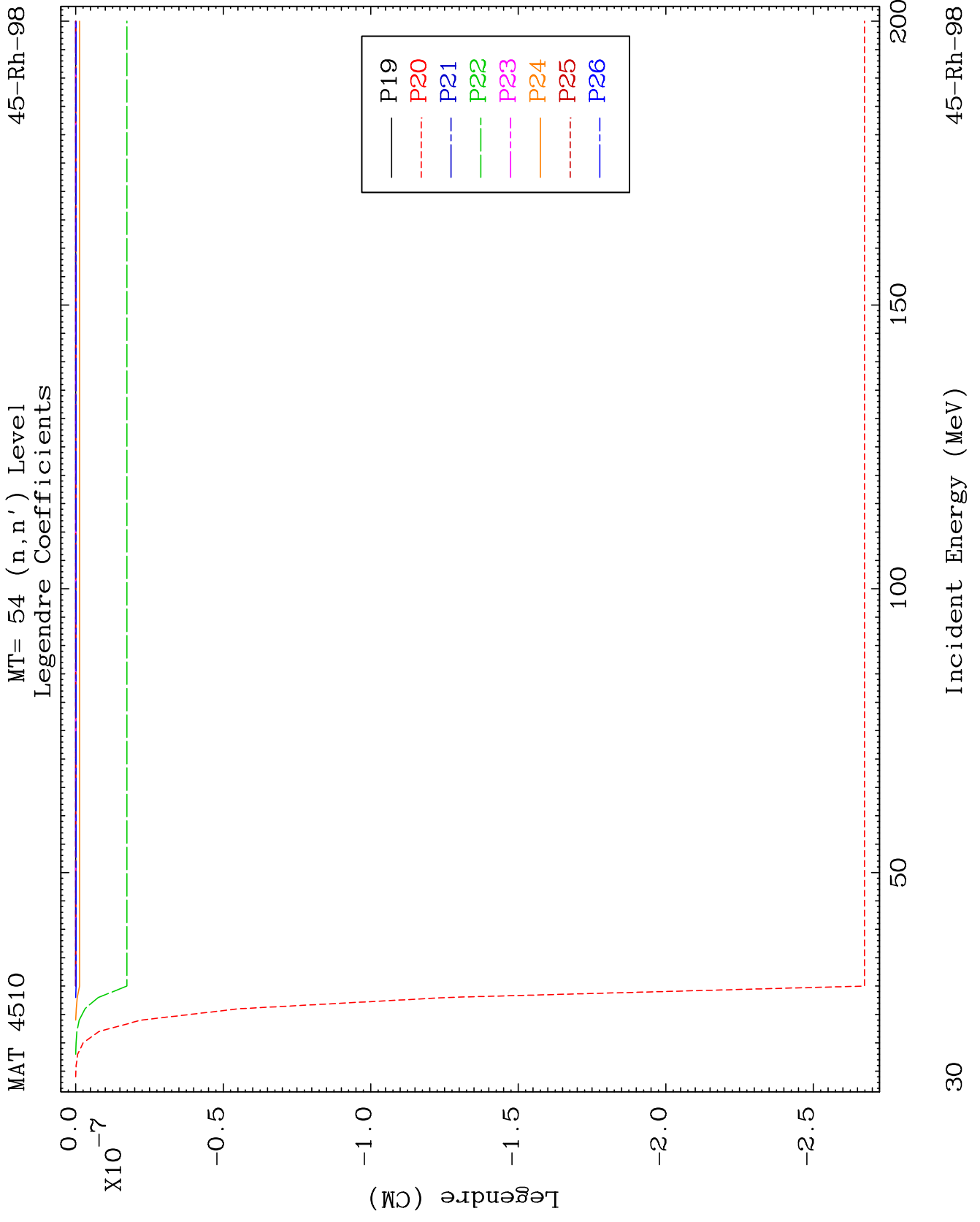
45-Rh-98



29

Incident Energy (MeV)

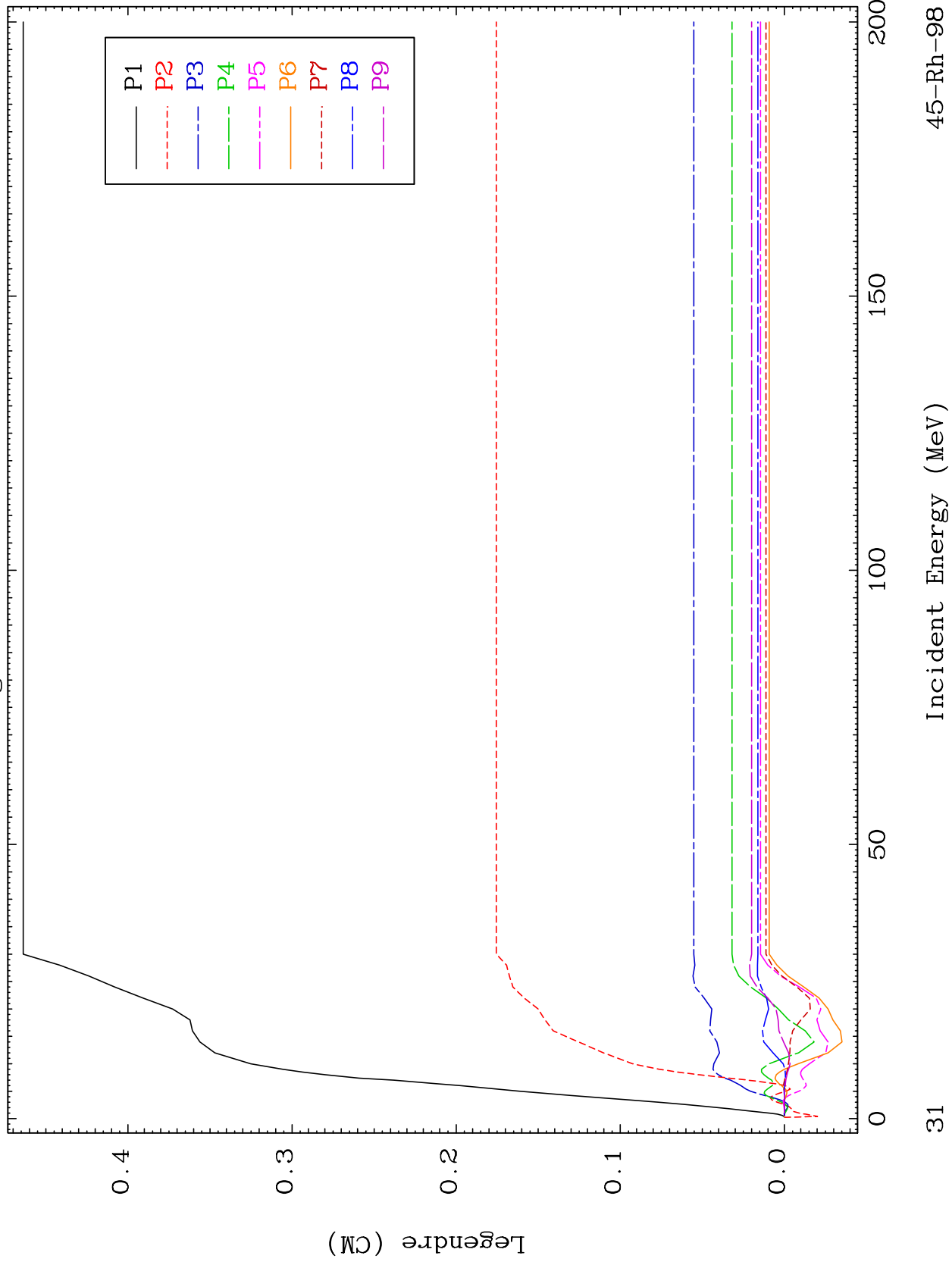
45-Rh-98



MAT 4510

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

45-Rh-98



31

Incident Energy (MeV)

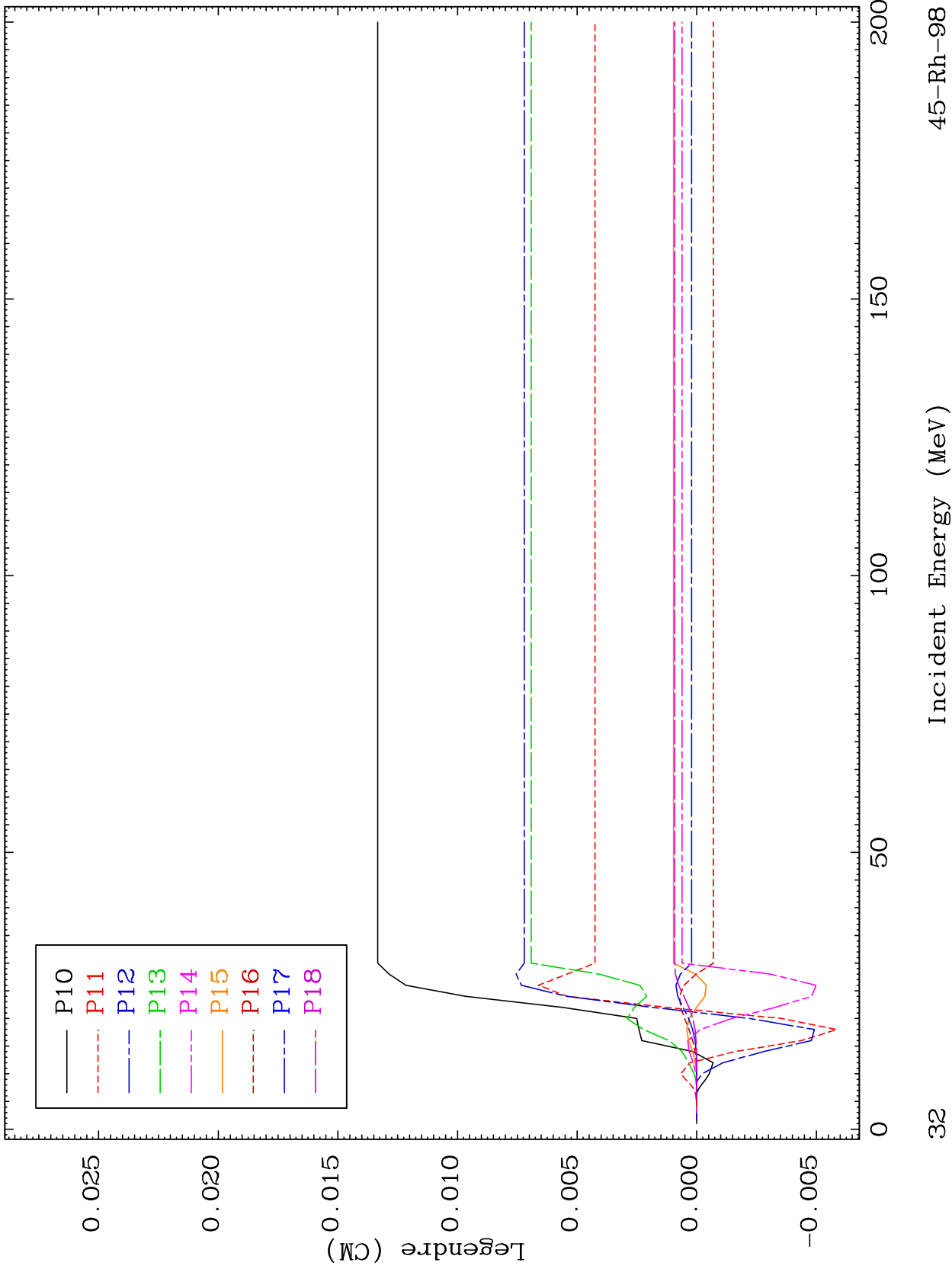
45-Rh-98



MAT 4510

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

45-Rh-98



32

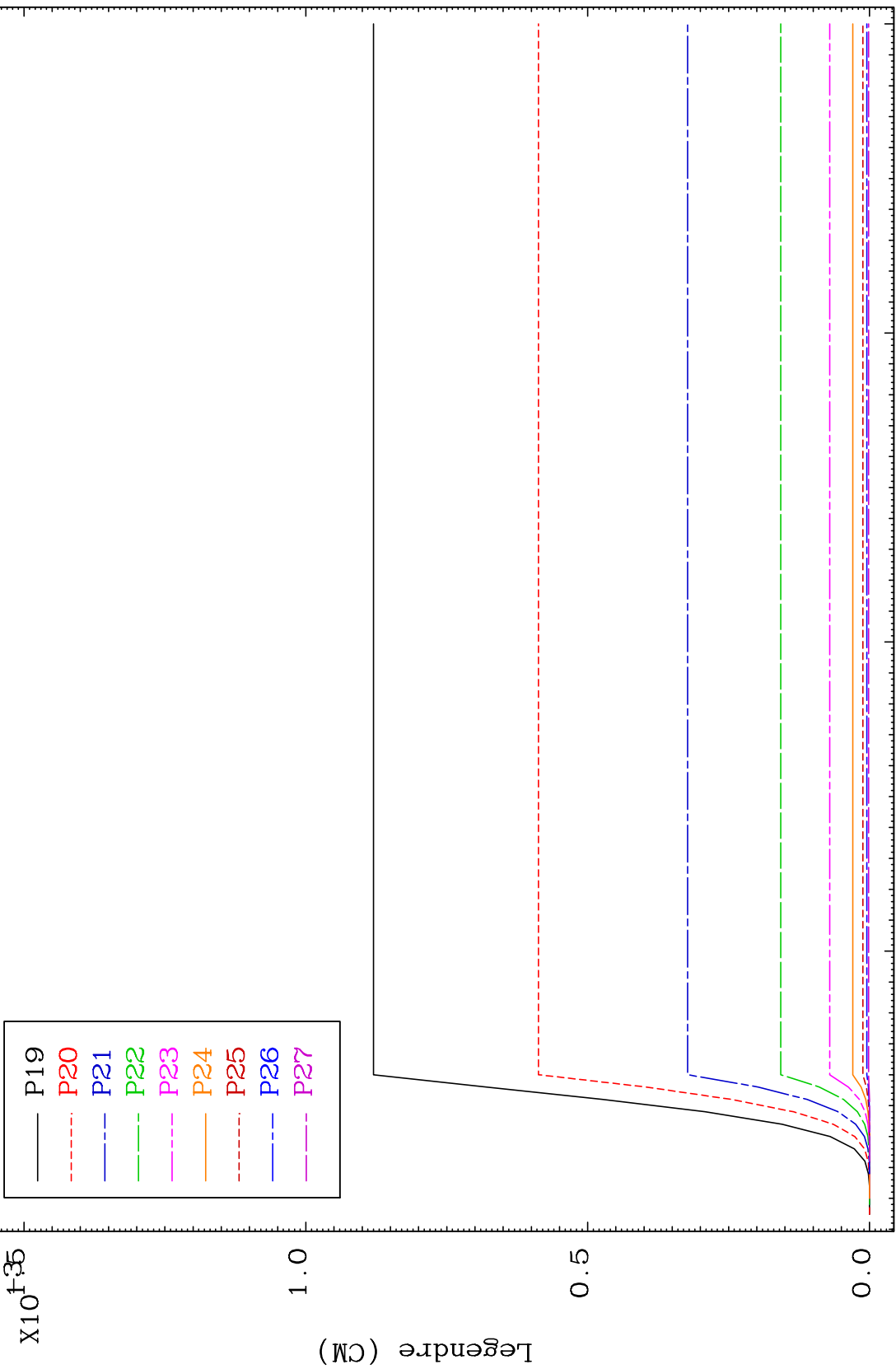
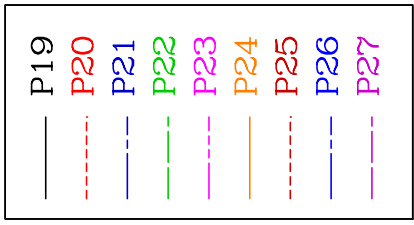
Incident Energy (MeV)

45-Rh-98

MAT 4510

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

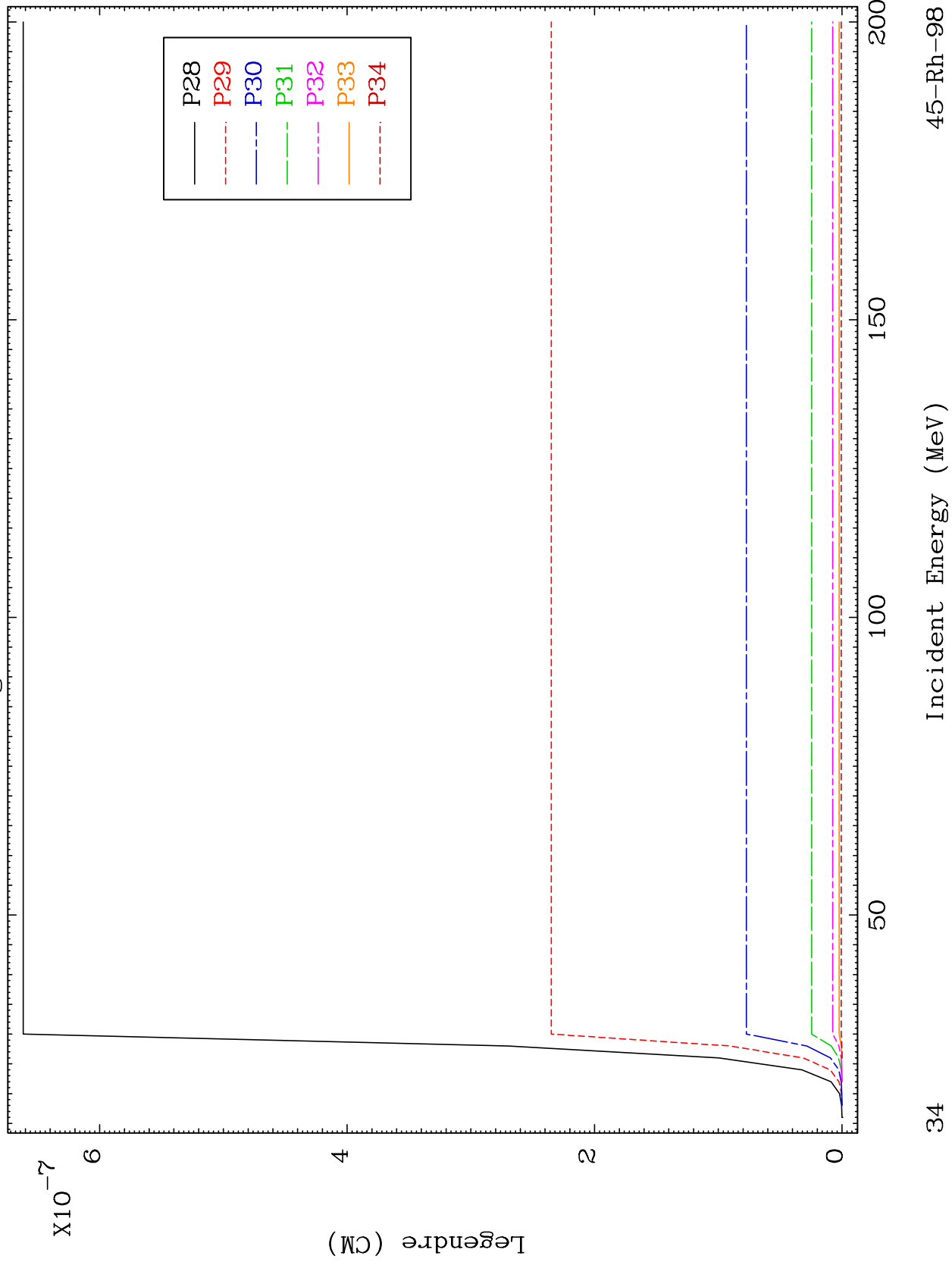
45-Rh-98



MAT 4510

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

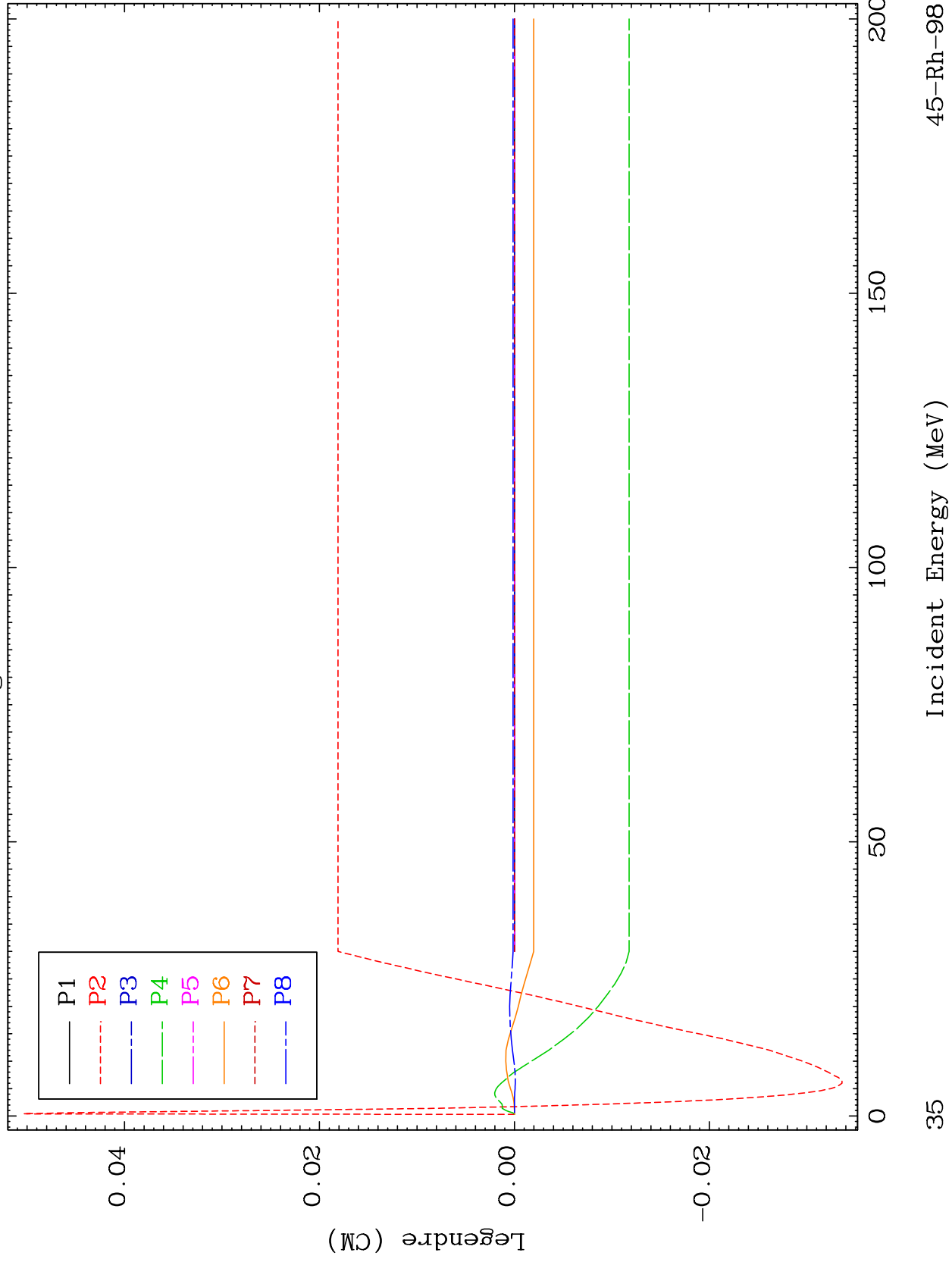
45-Rh-98



MAT 4510

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

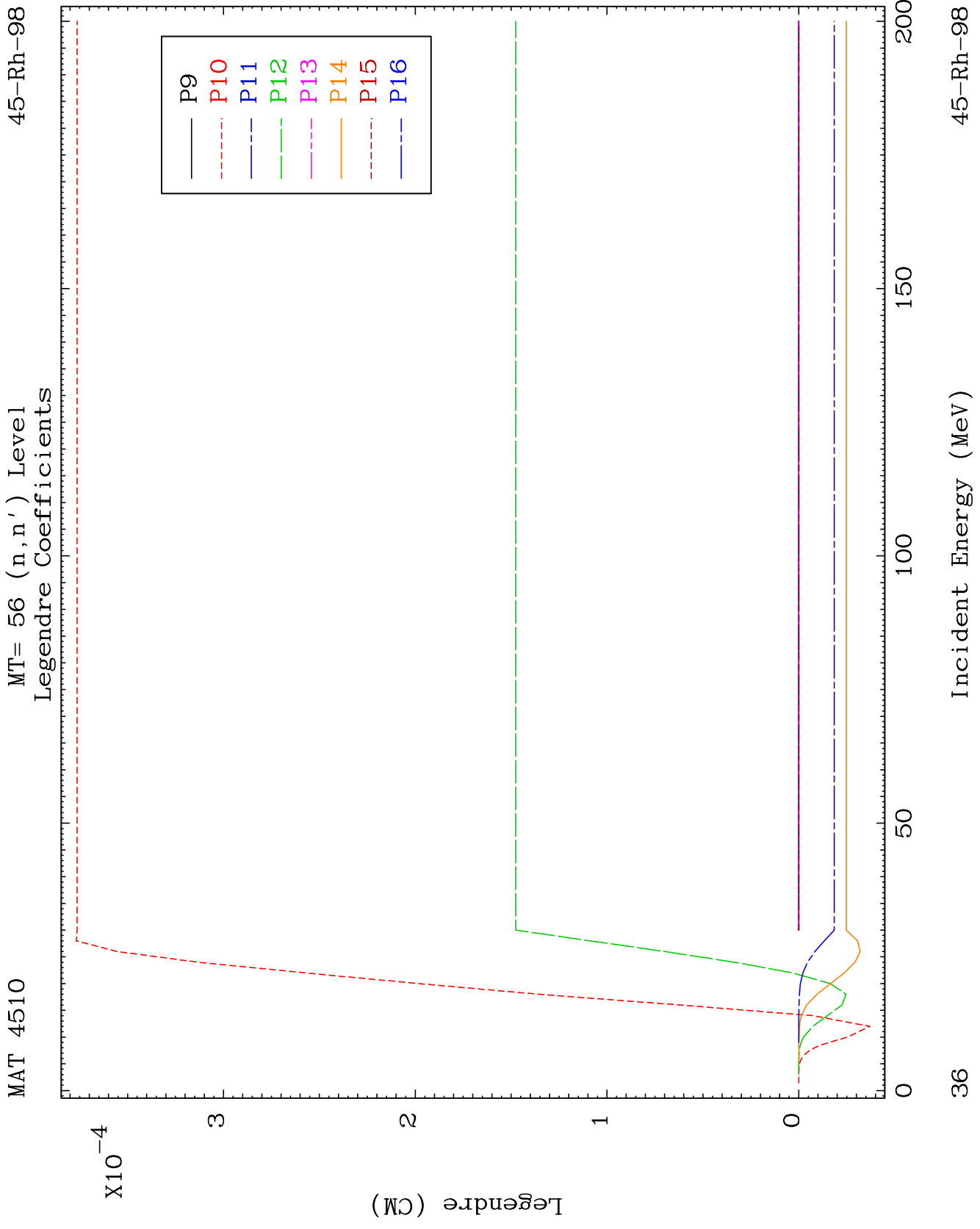
45-Rh-98

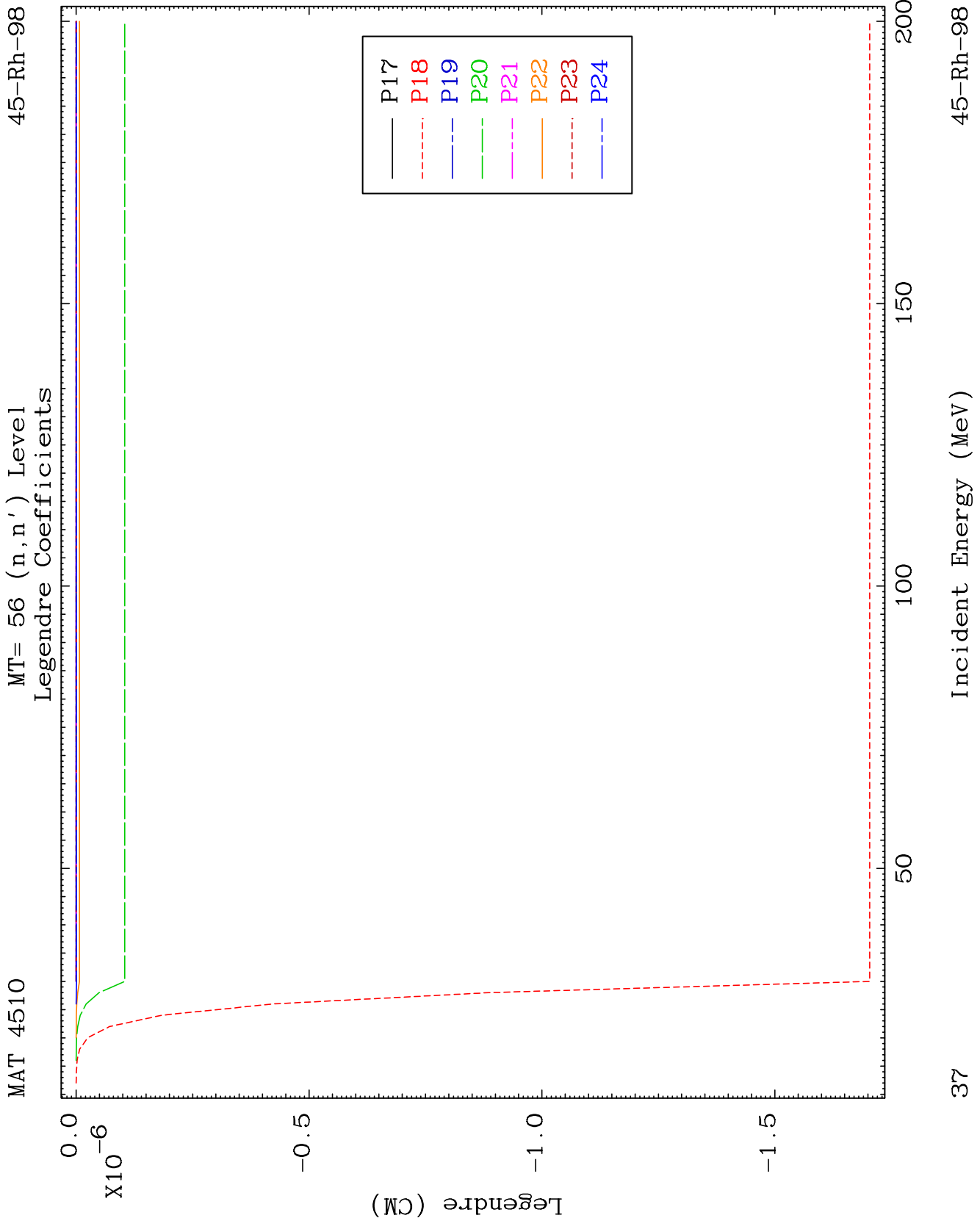


45-Rh-98

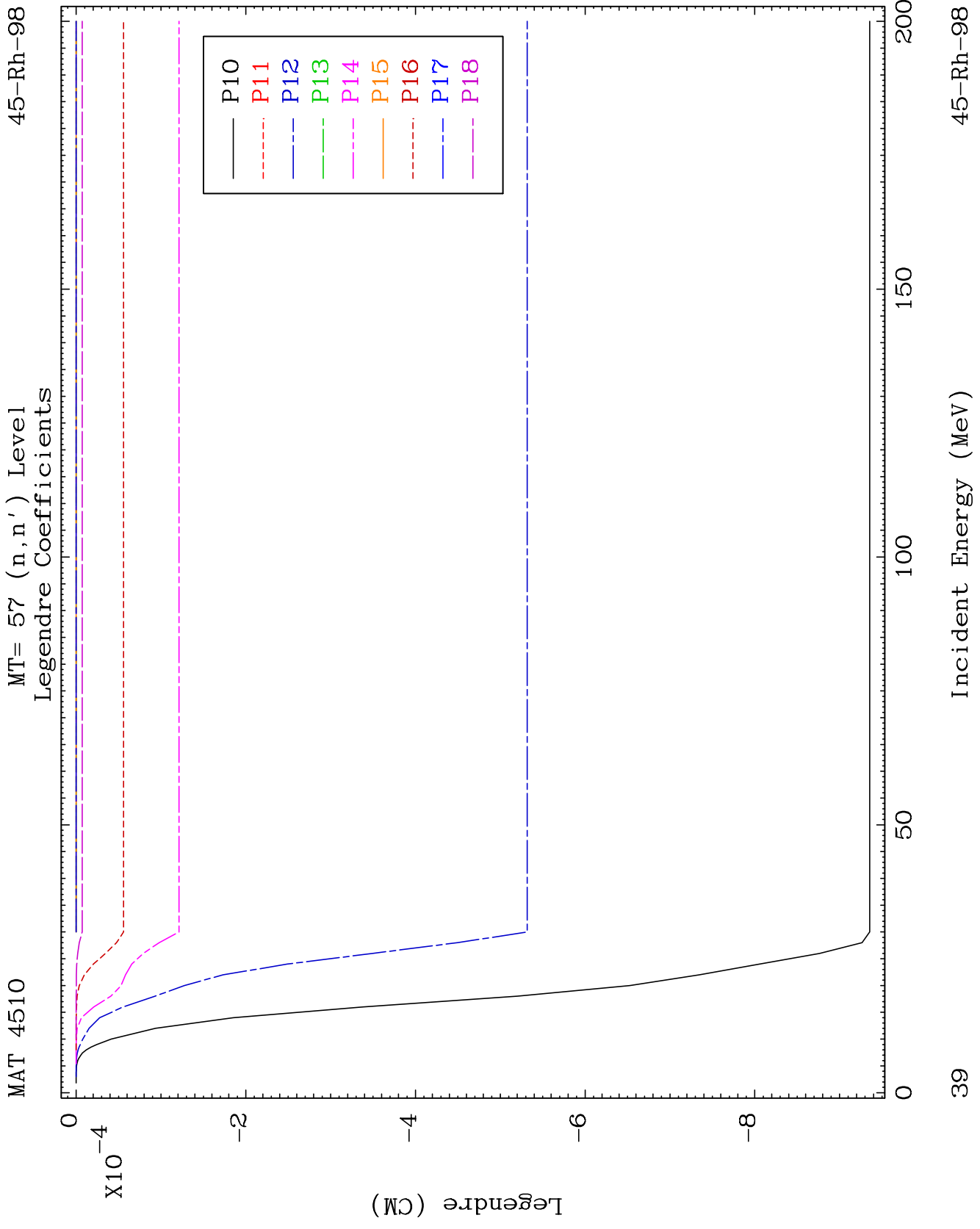
Incident Energy (MeV)

35

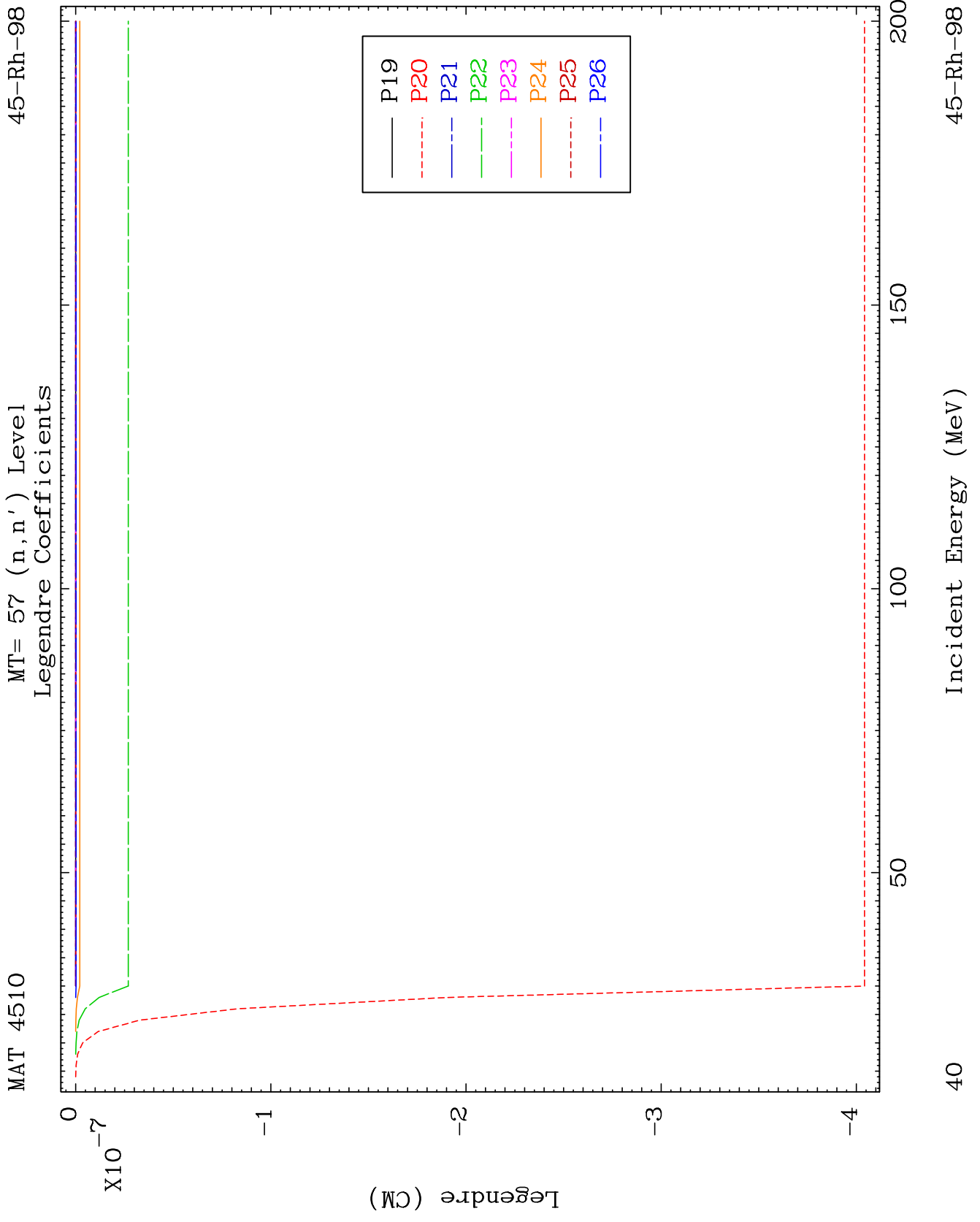








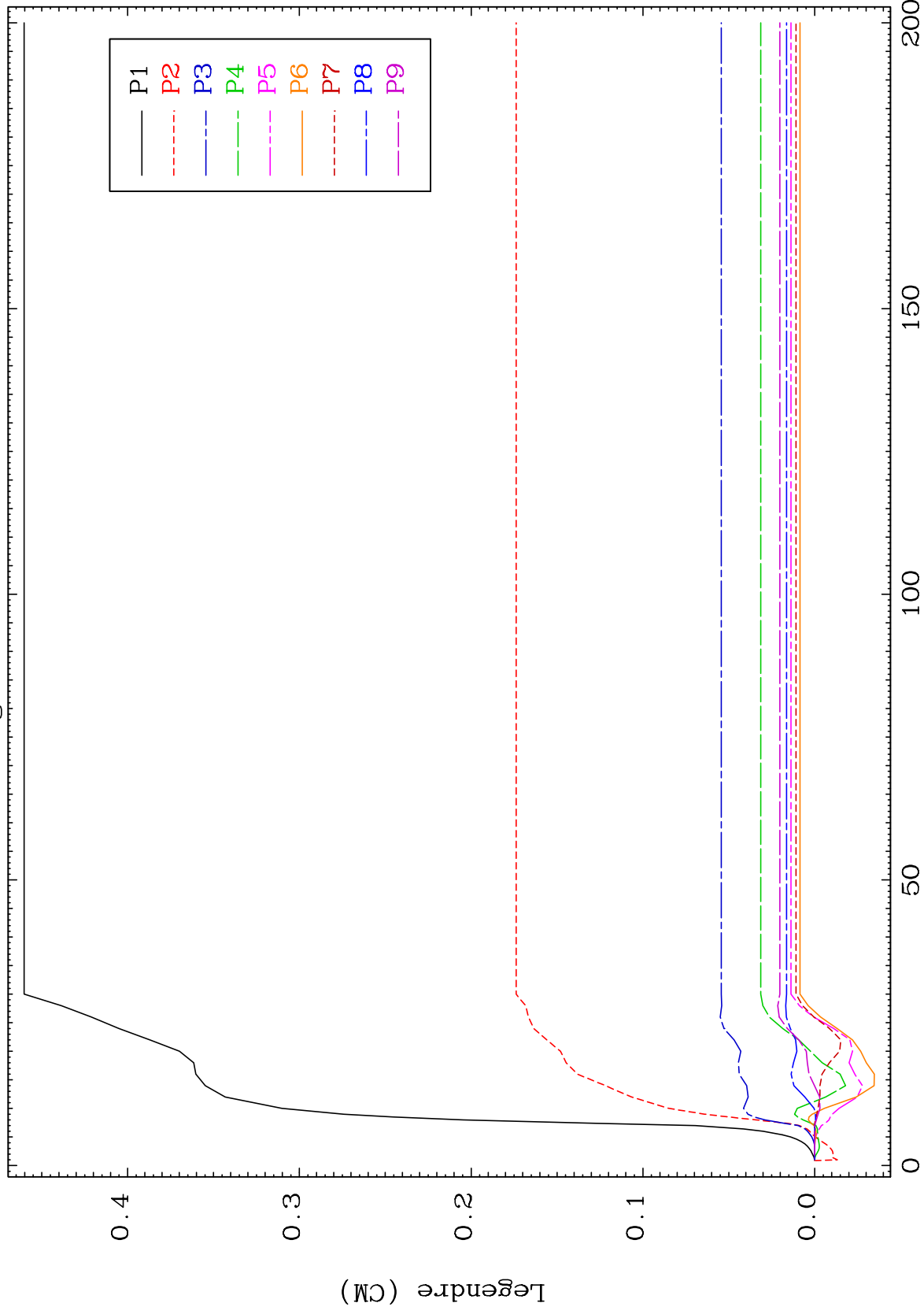




MAT 4510

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

45-Rh-98



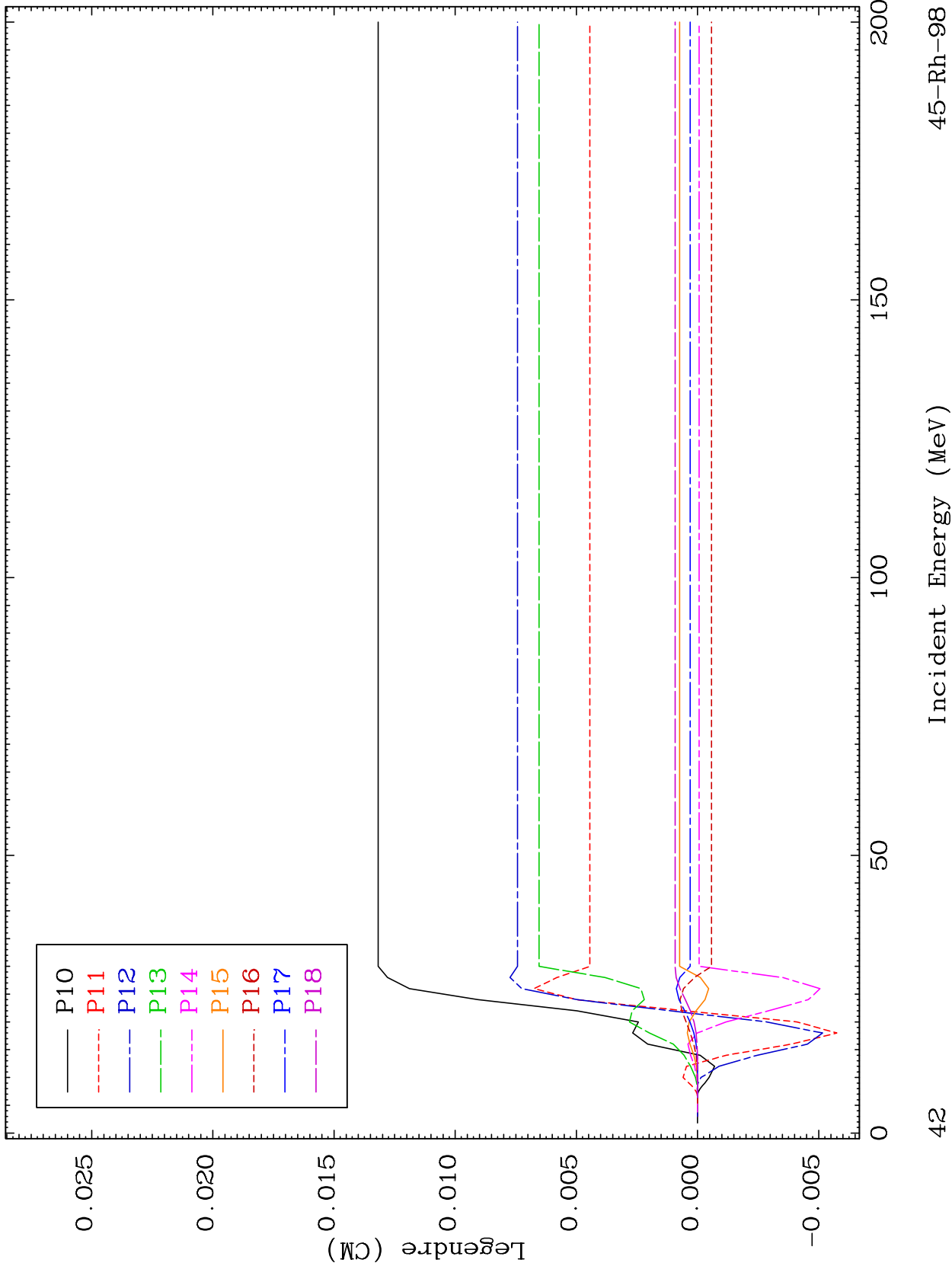
41

45-Rh-98

MAT 4510

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

45-Rh-98



45-Rh-98

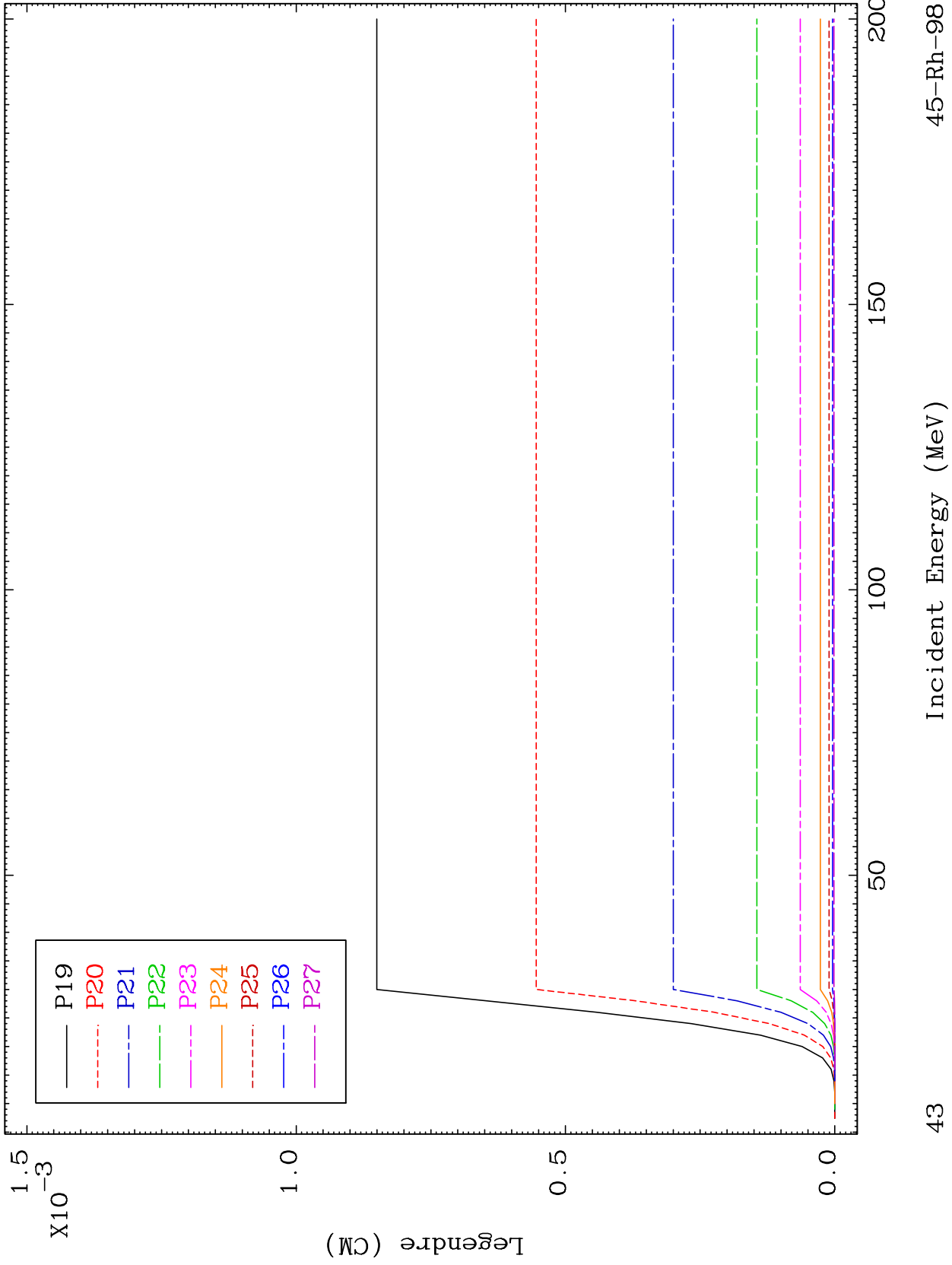
Incident Energy (MeV)

42

MAT 4510

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

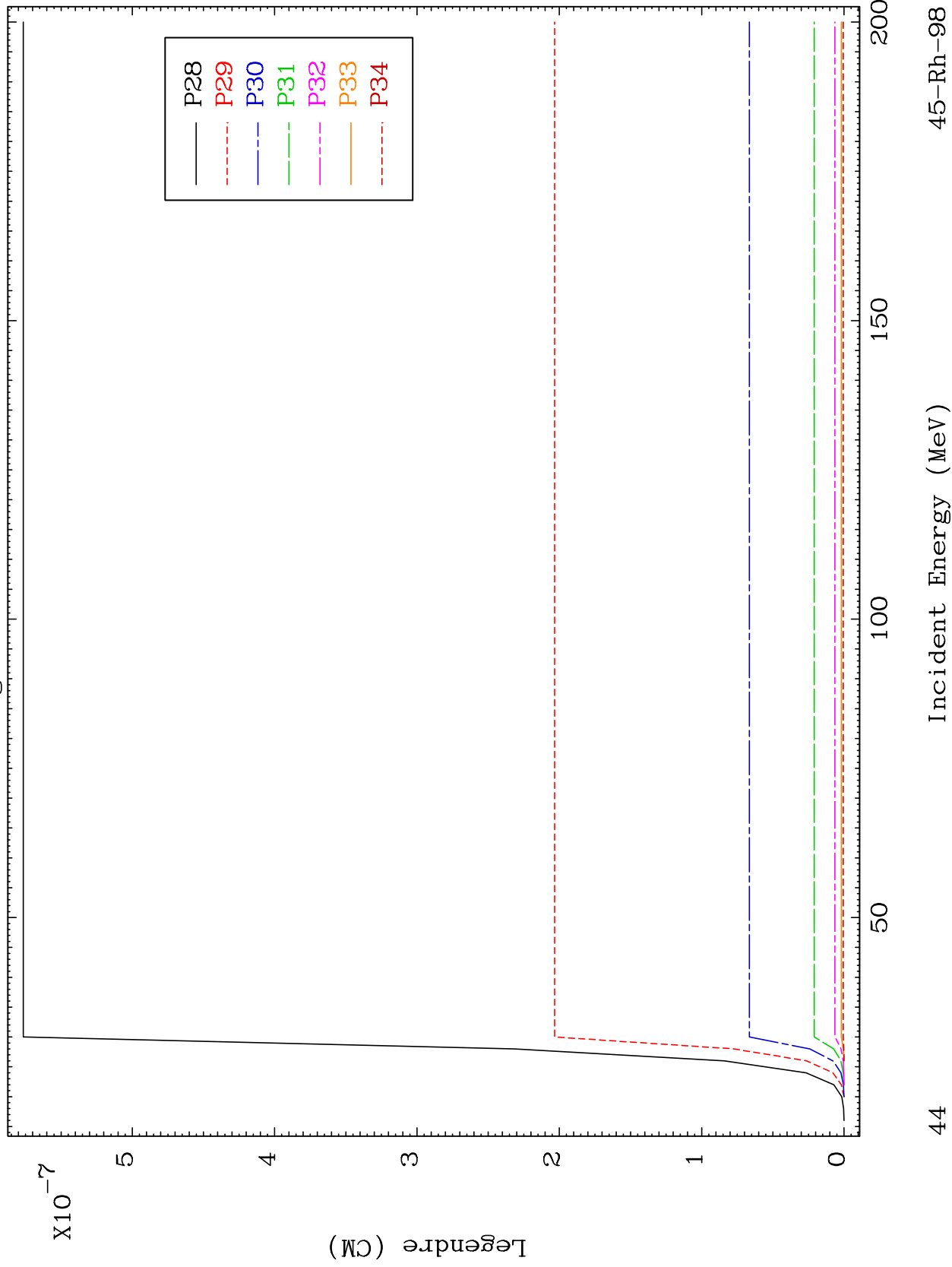
45-Rh-98



MAT 4510

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

45-Rh-98

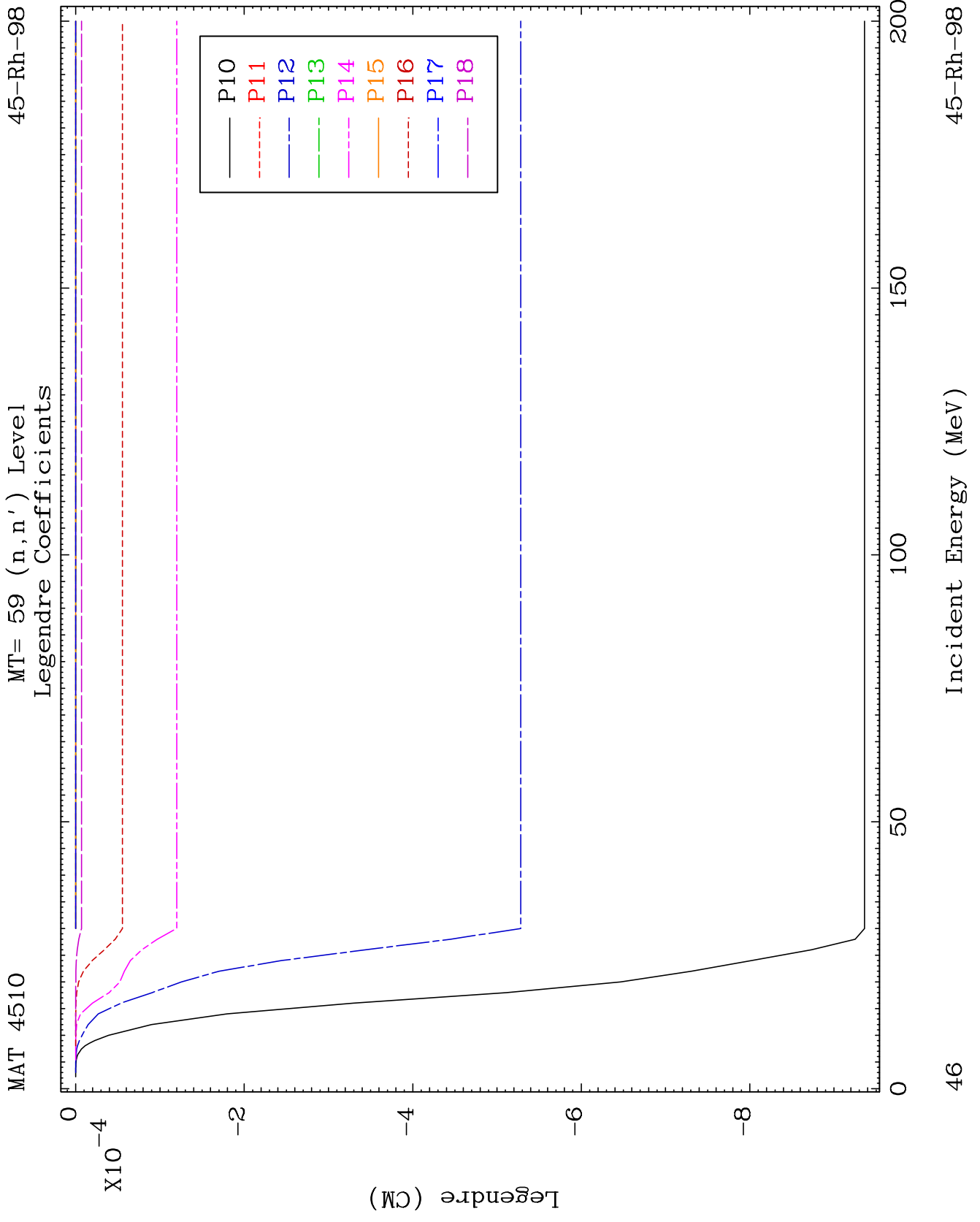


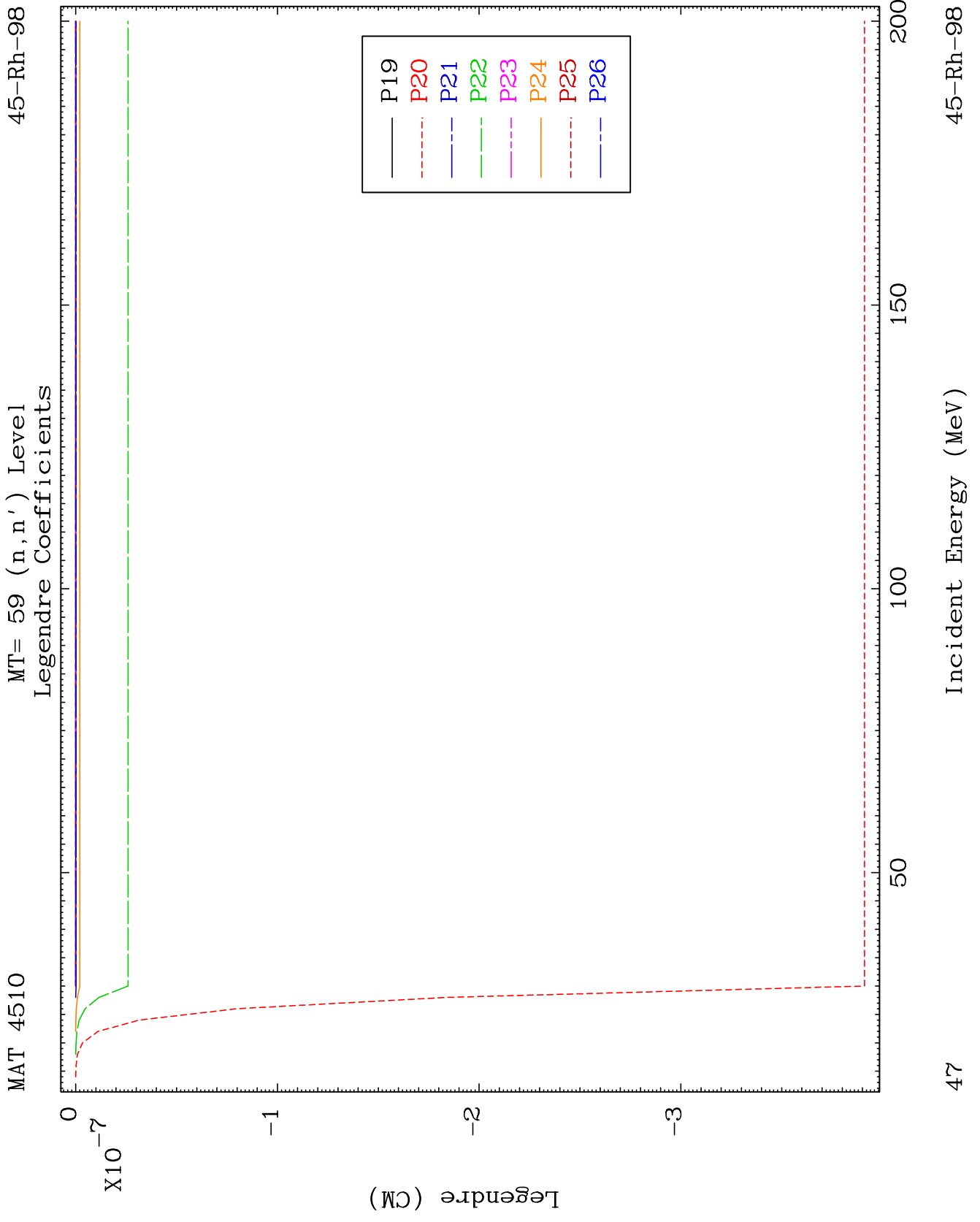
44

Incident Energy (MeV)

45-Rh-98

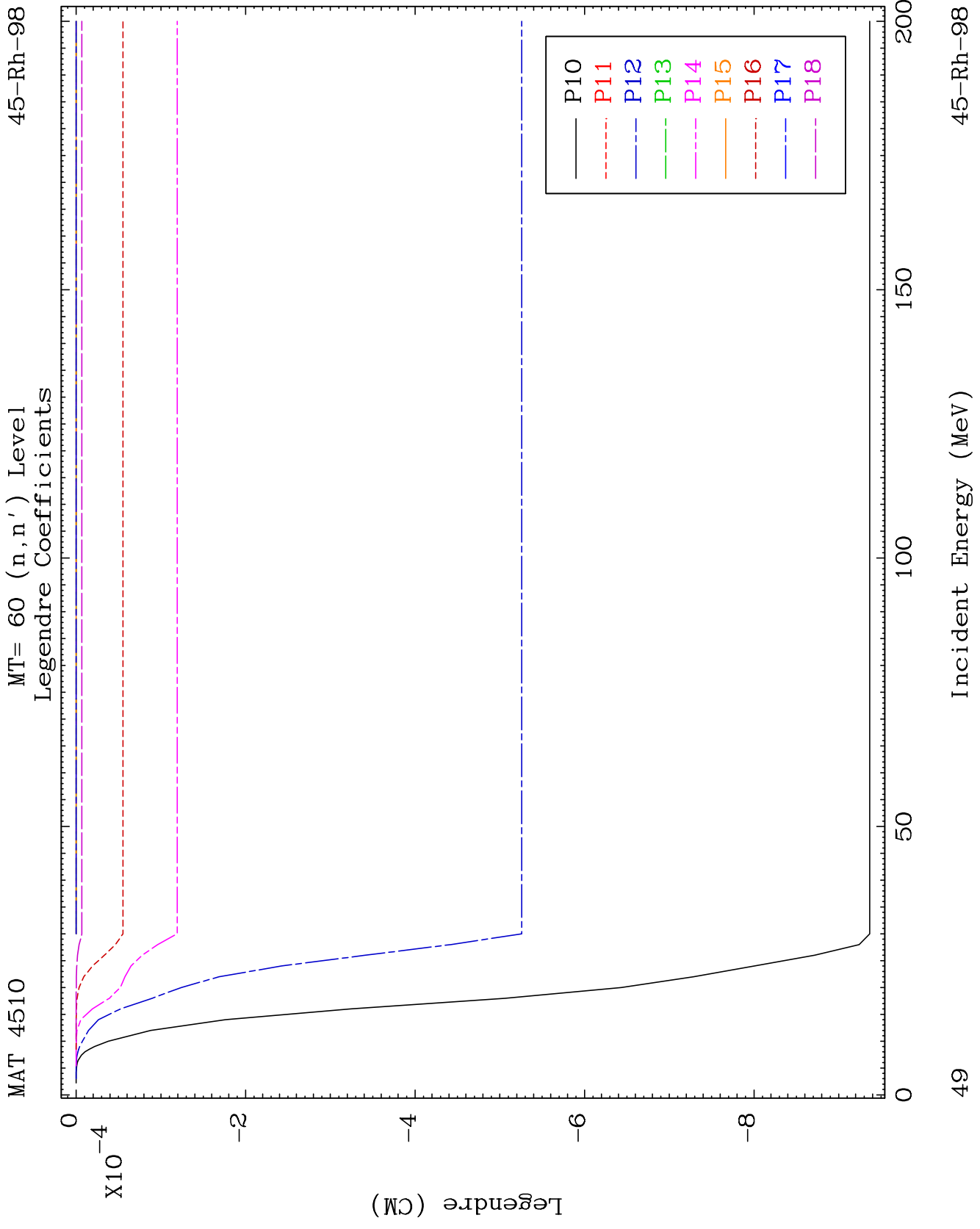




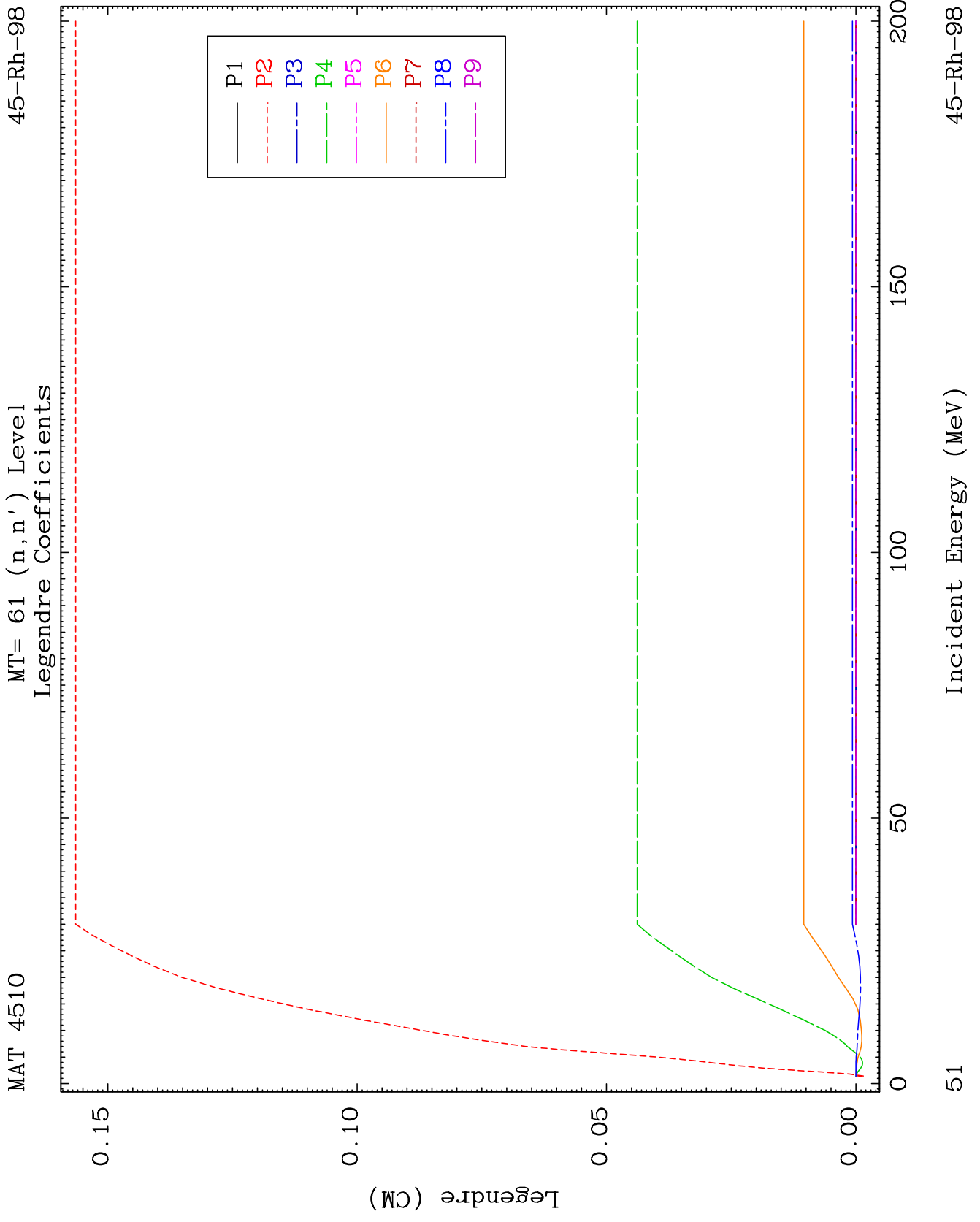








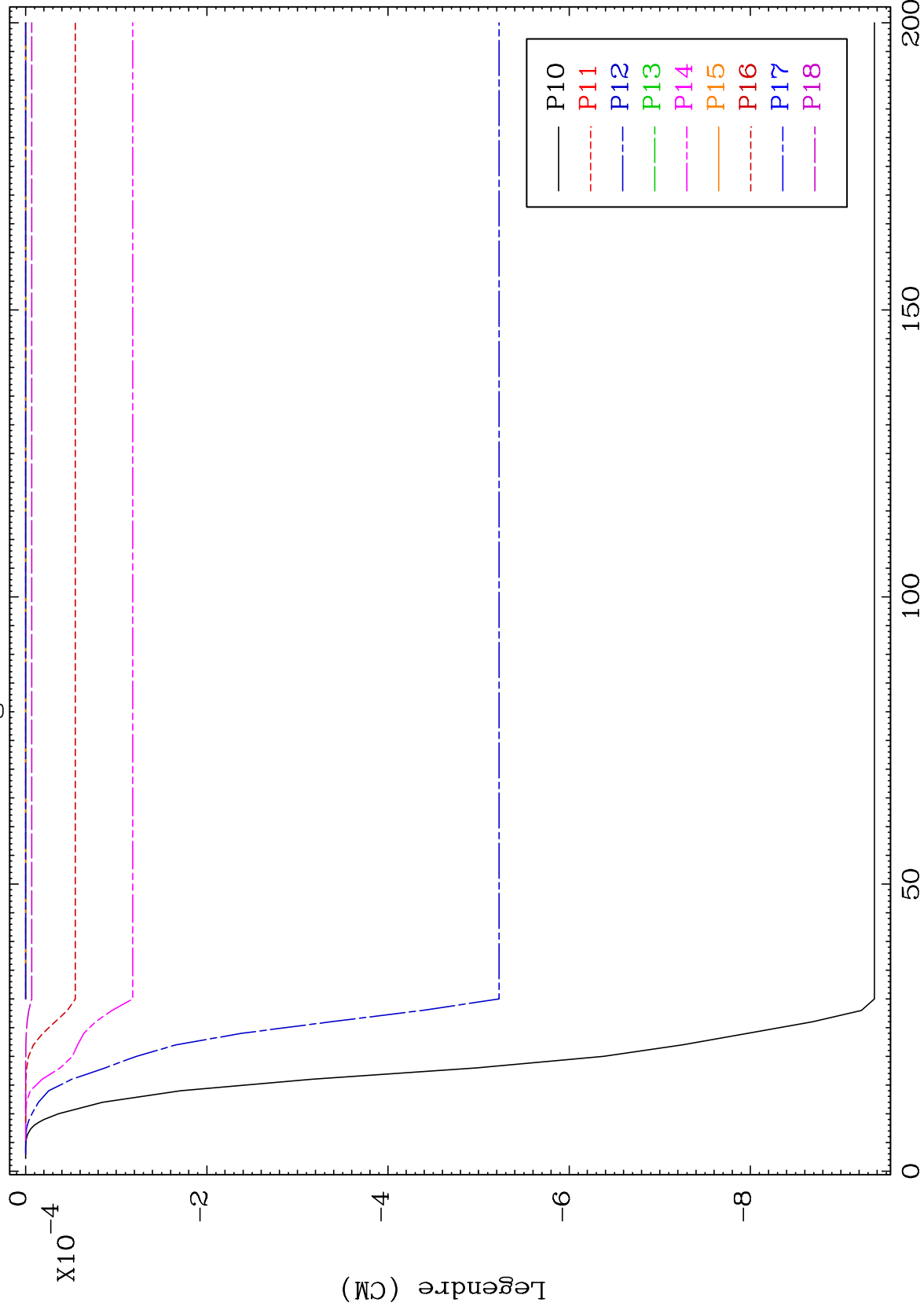




MAT 4510

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

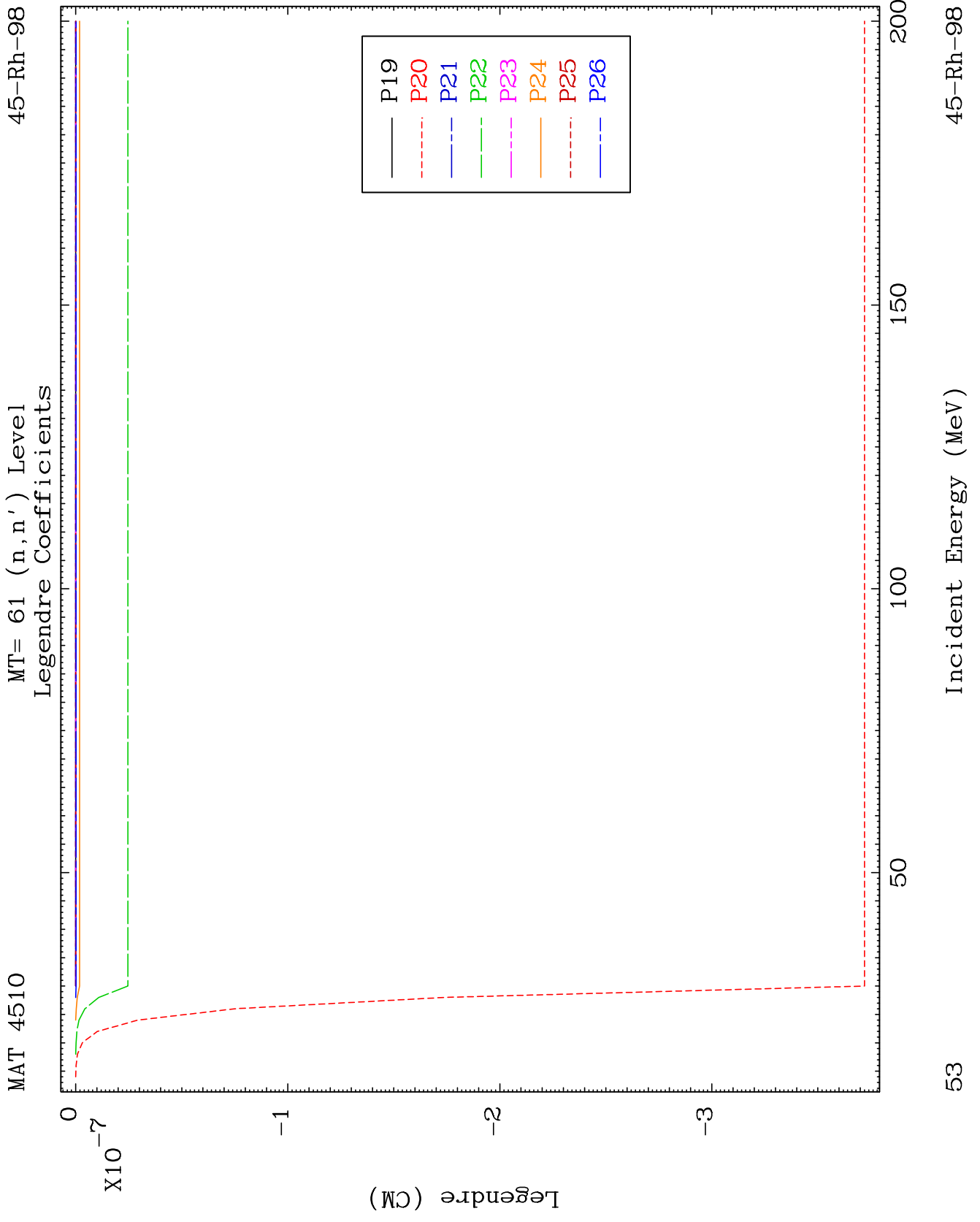
45-Rh-98



45-Rh-98

Incident Energy (MeV)

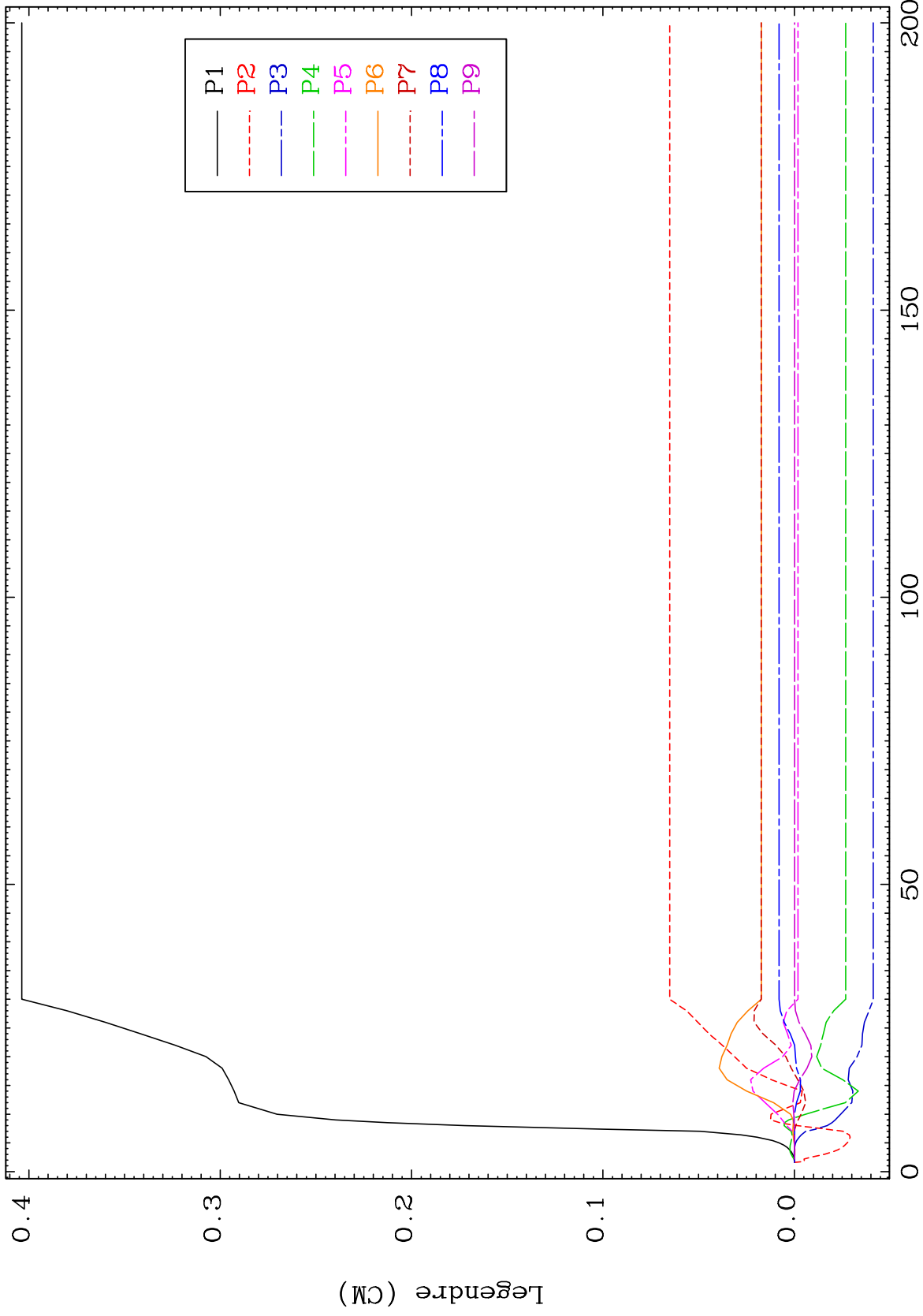
52



MAT 4510

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

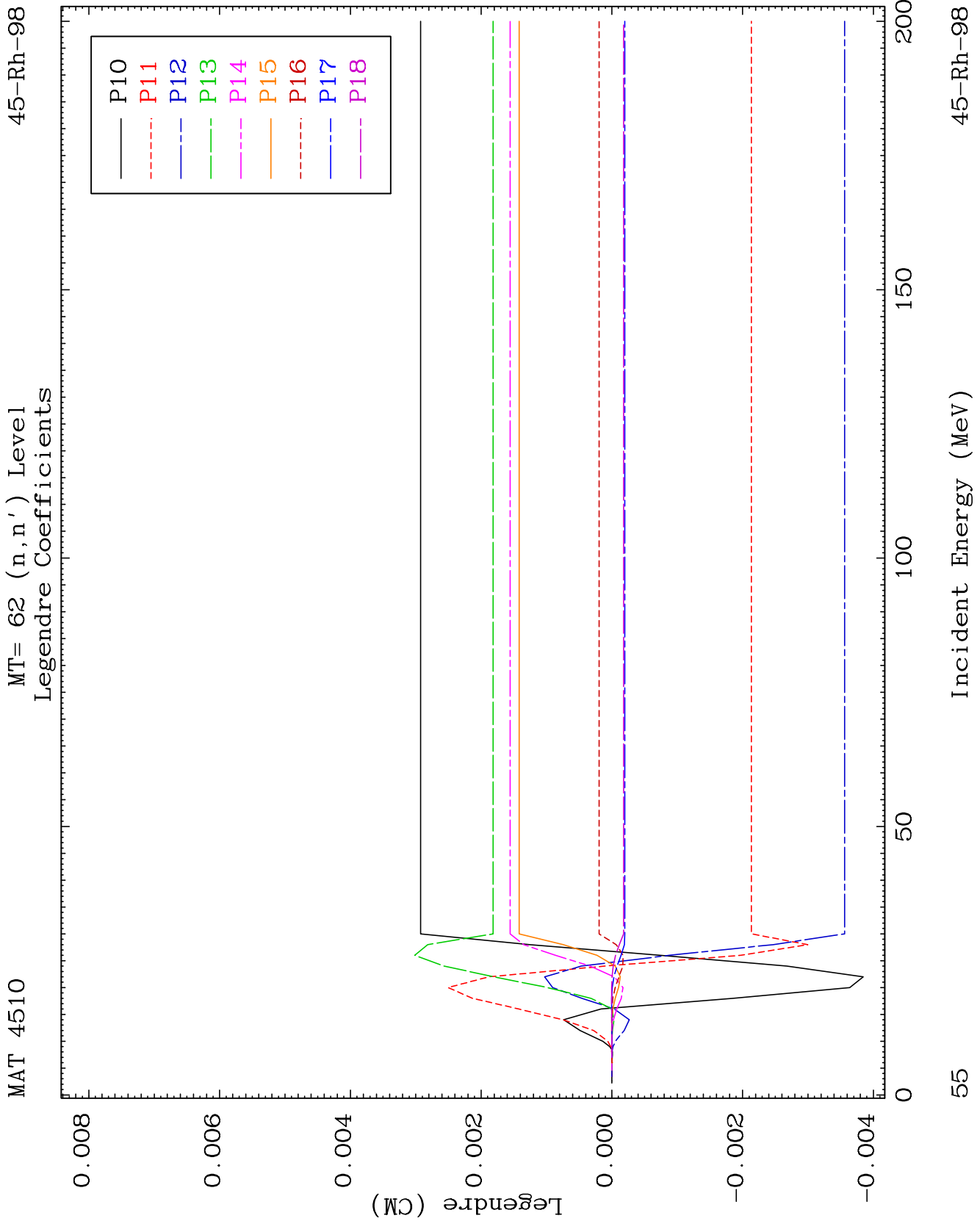
45-Rh-98



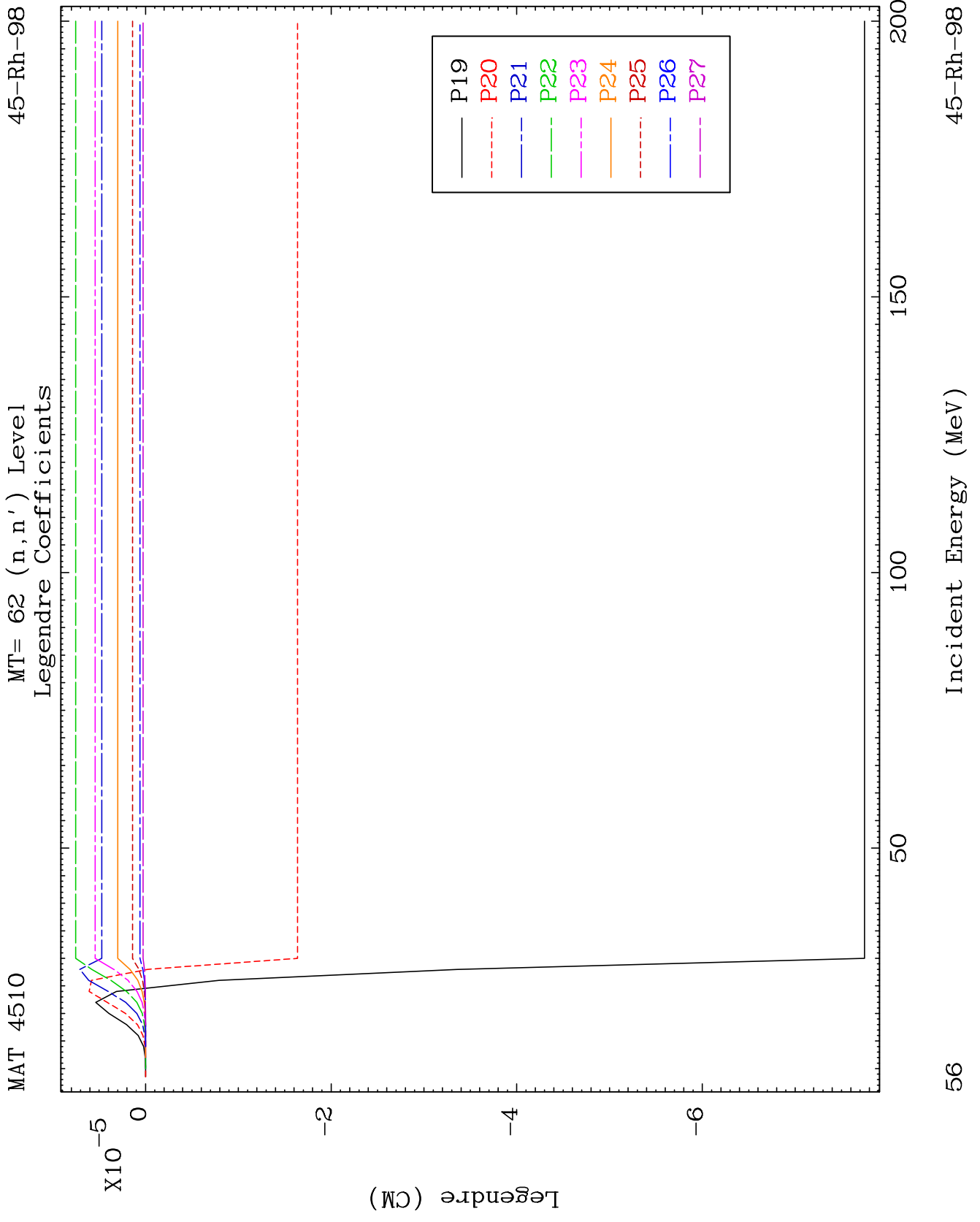
54

Incident Energy (MeV)

45-Rh-98



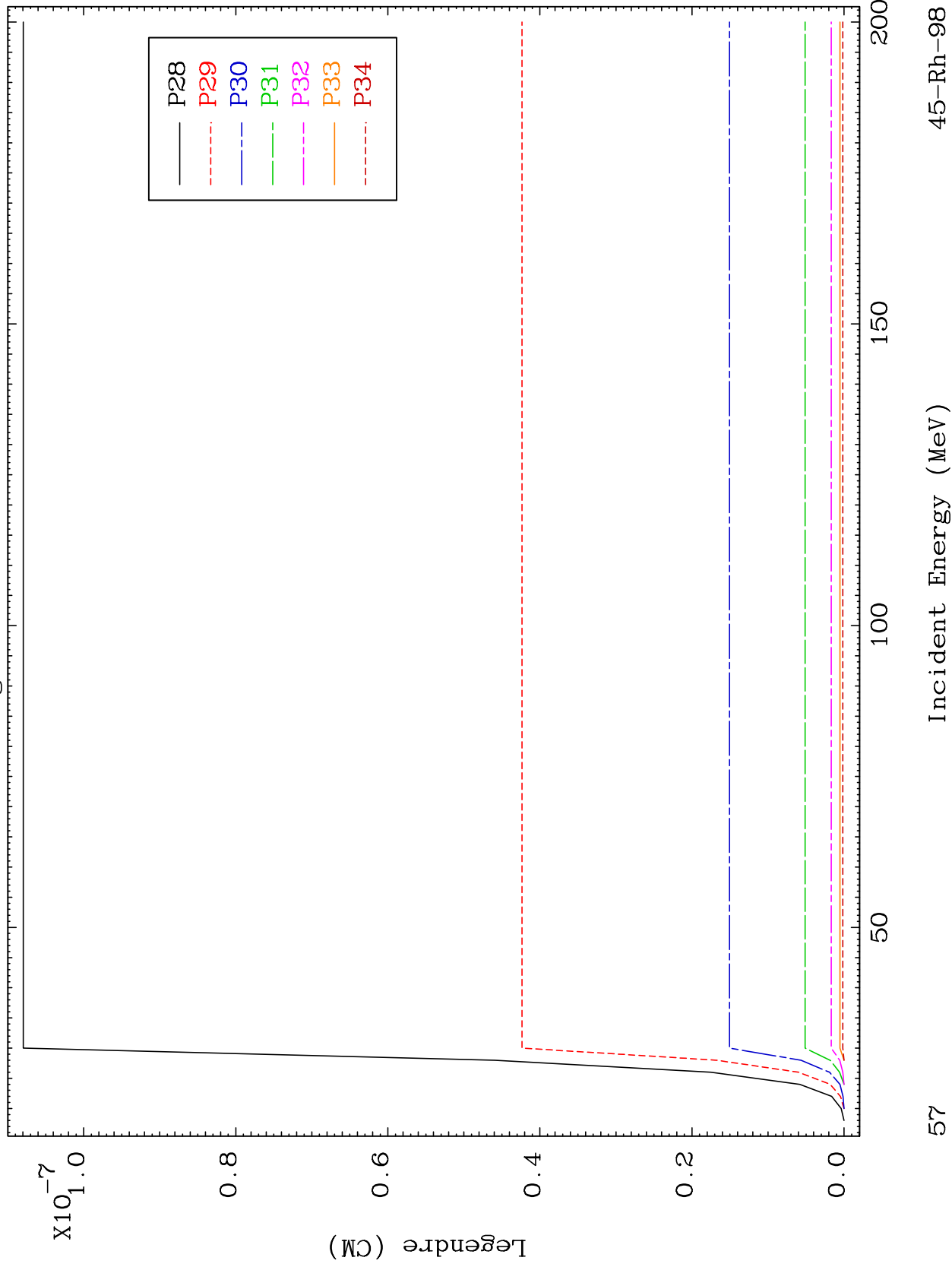




MAT 4510

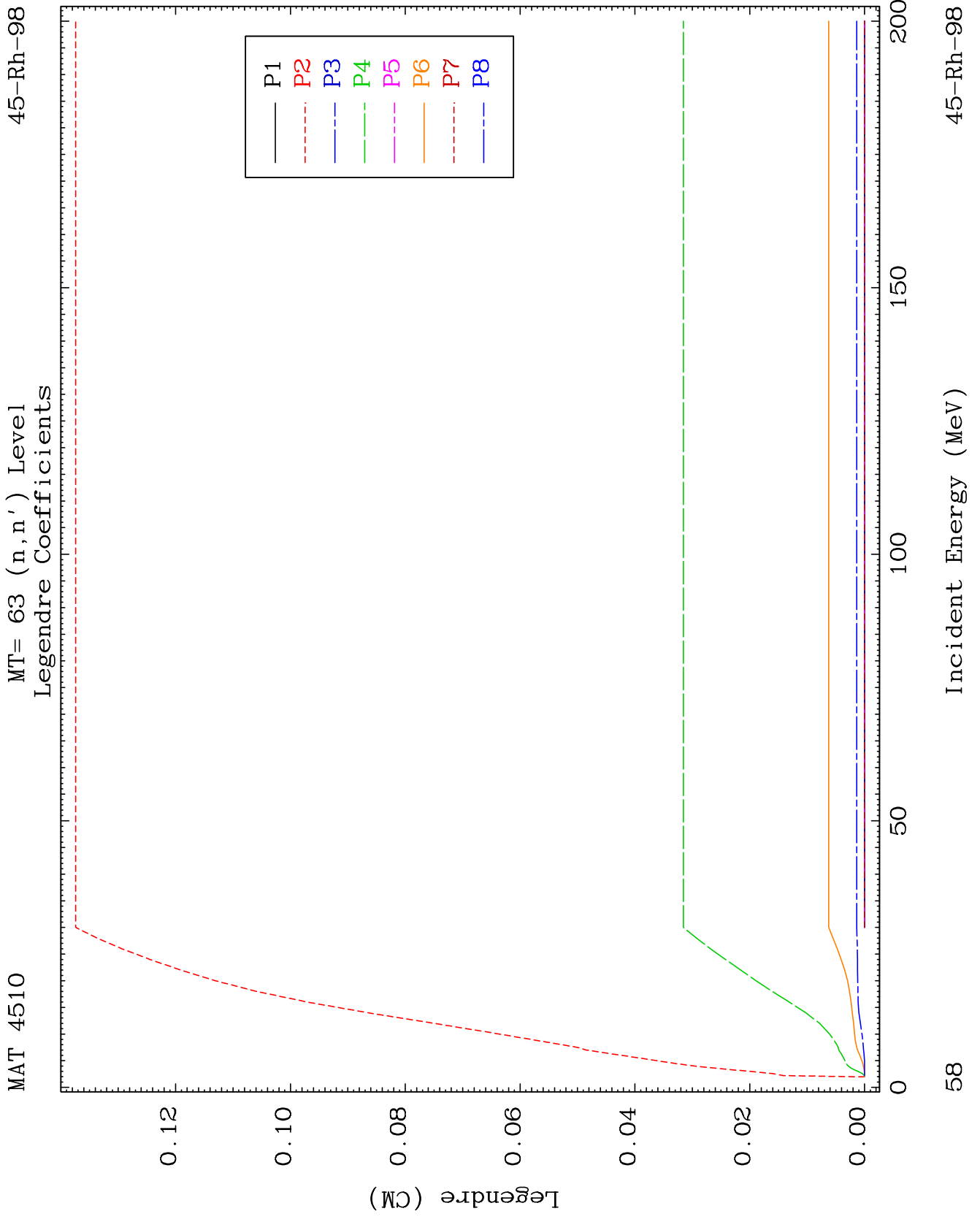
MT= 62 (n,n') Level  
Legendre Coefficients

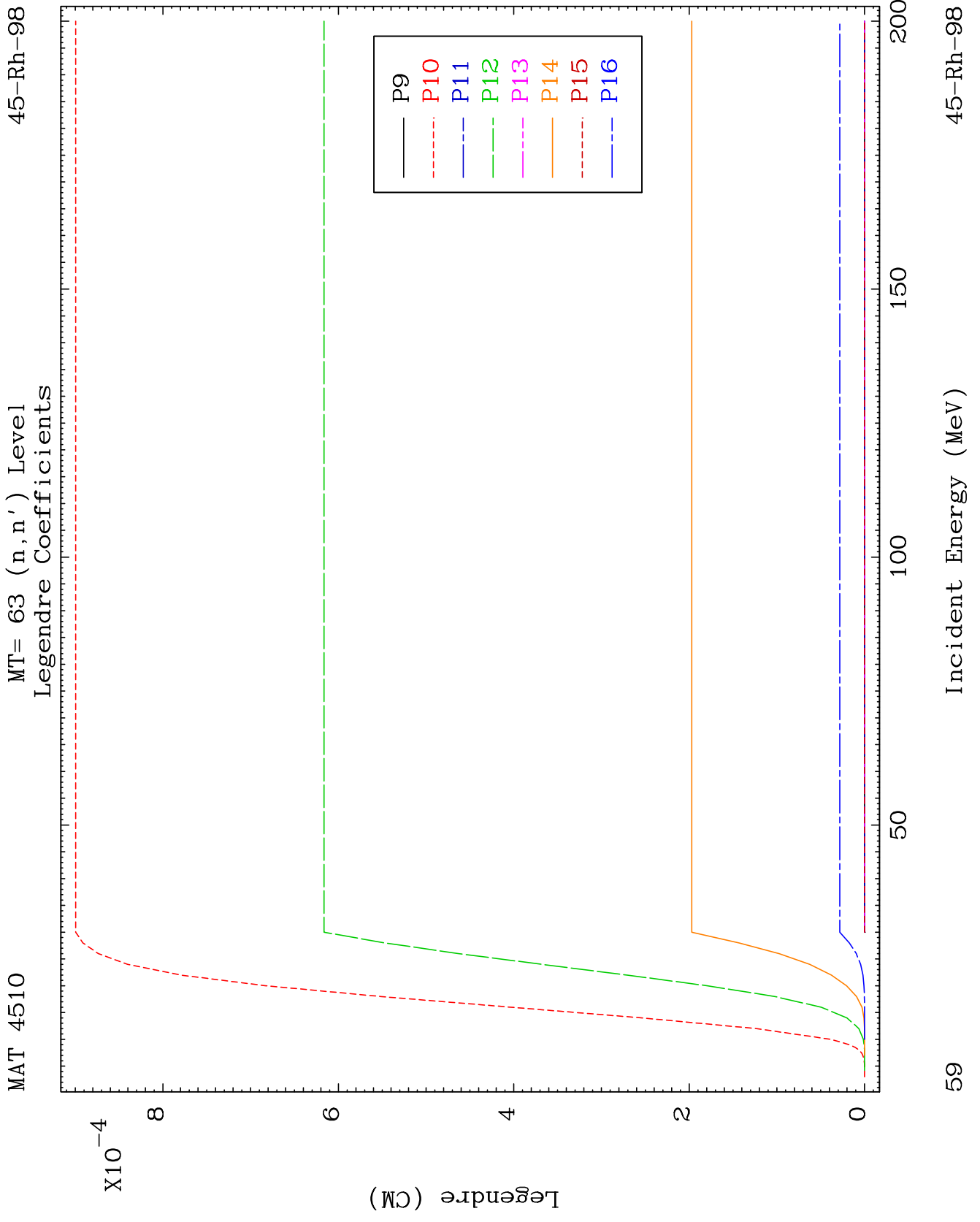
45-Rh-98

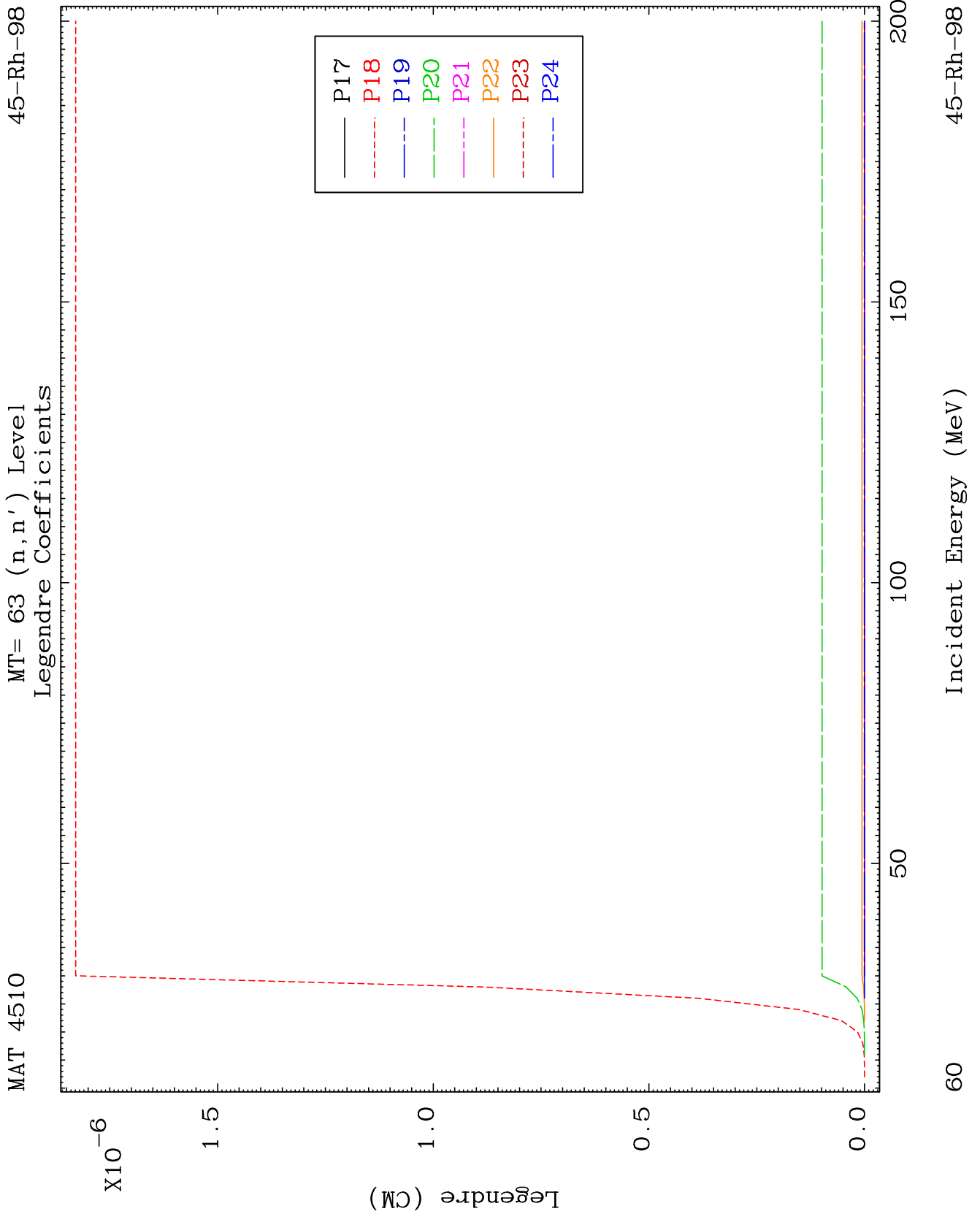


57

45-Rh-98



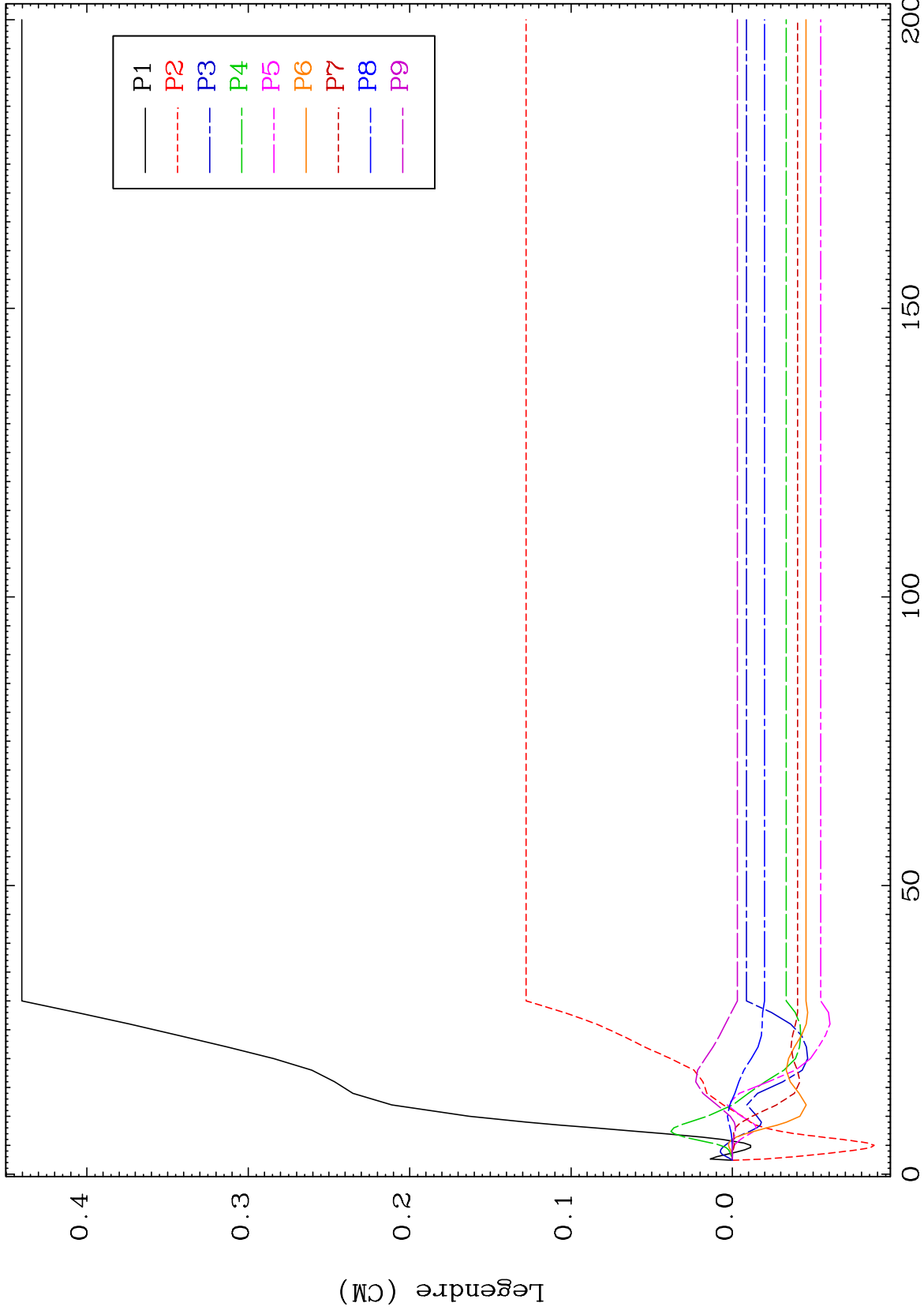




MAT 4510

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

45-Rh-98



61

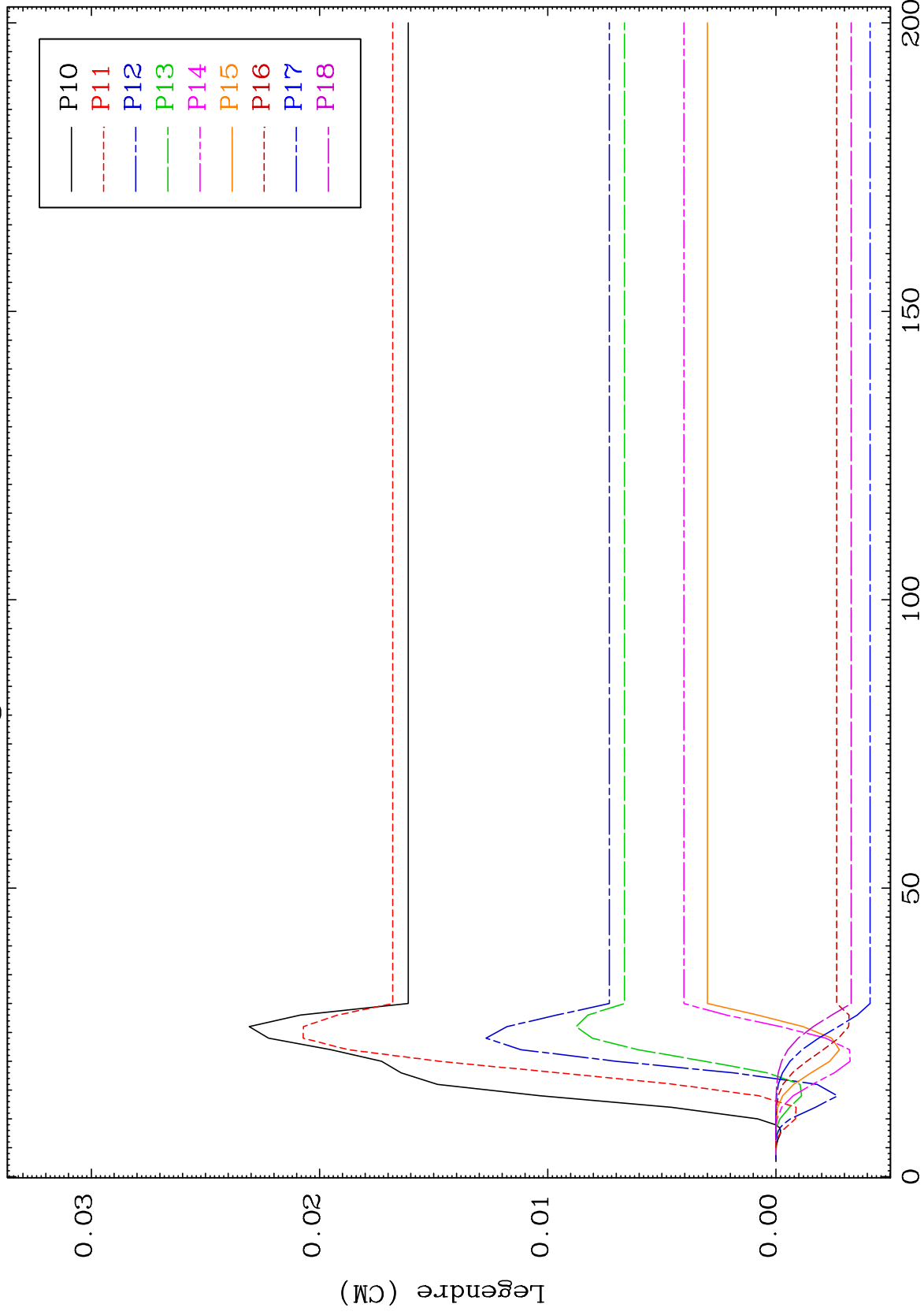
Incident Energy (MeV)

45-Rh-98

MAT 4510

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

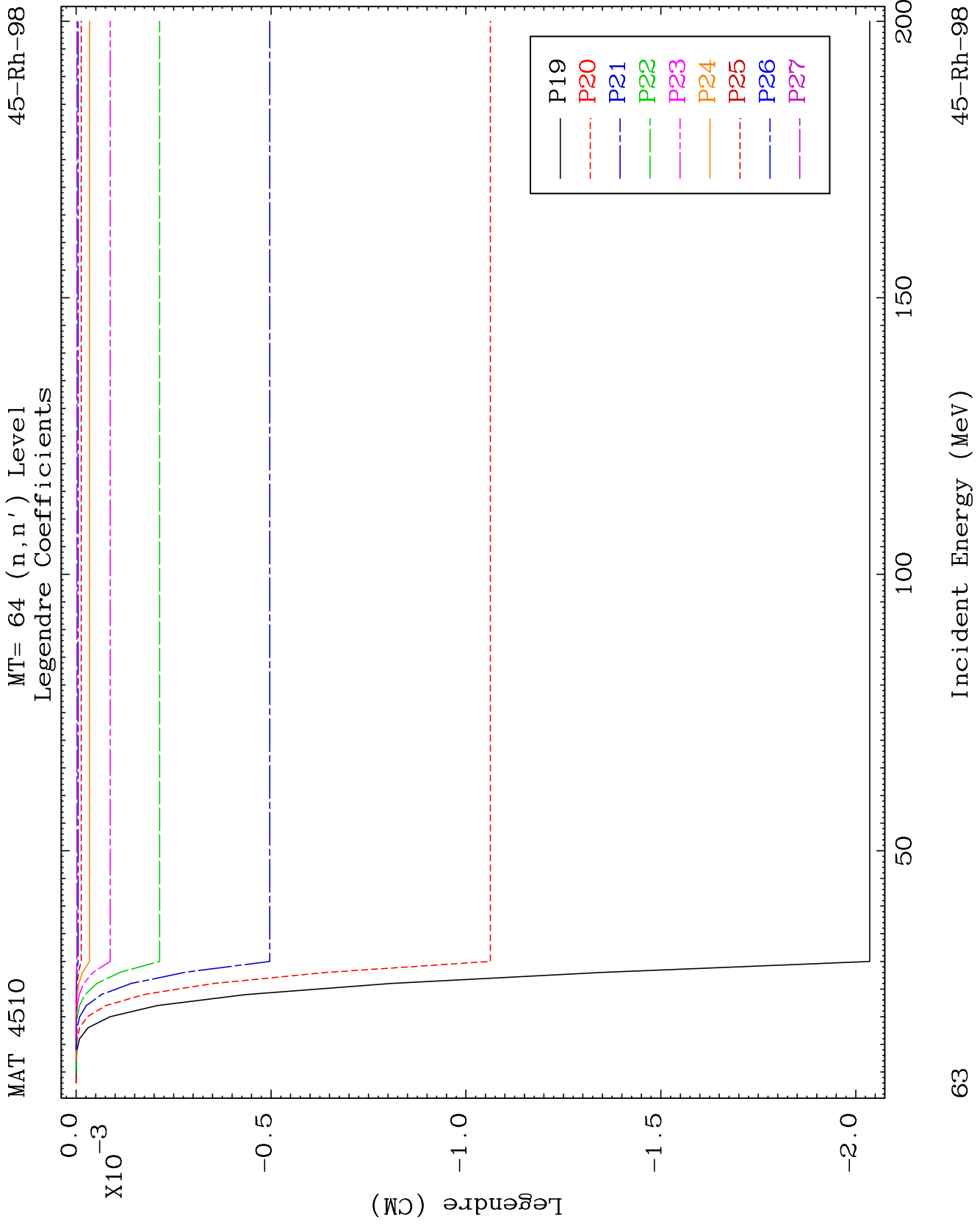
45-Rh-98



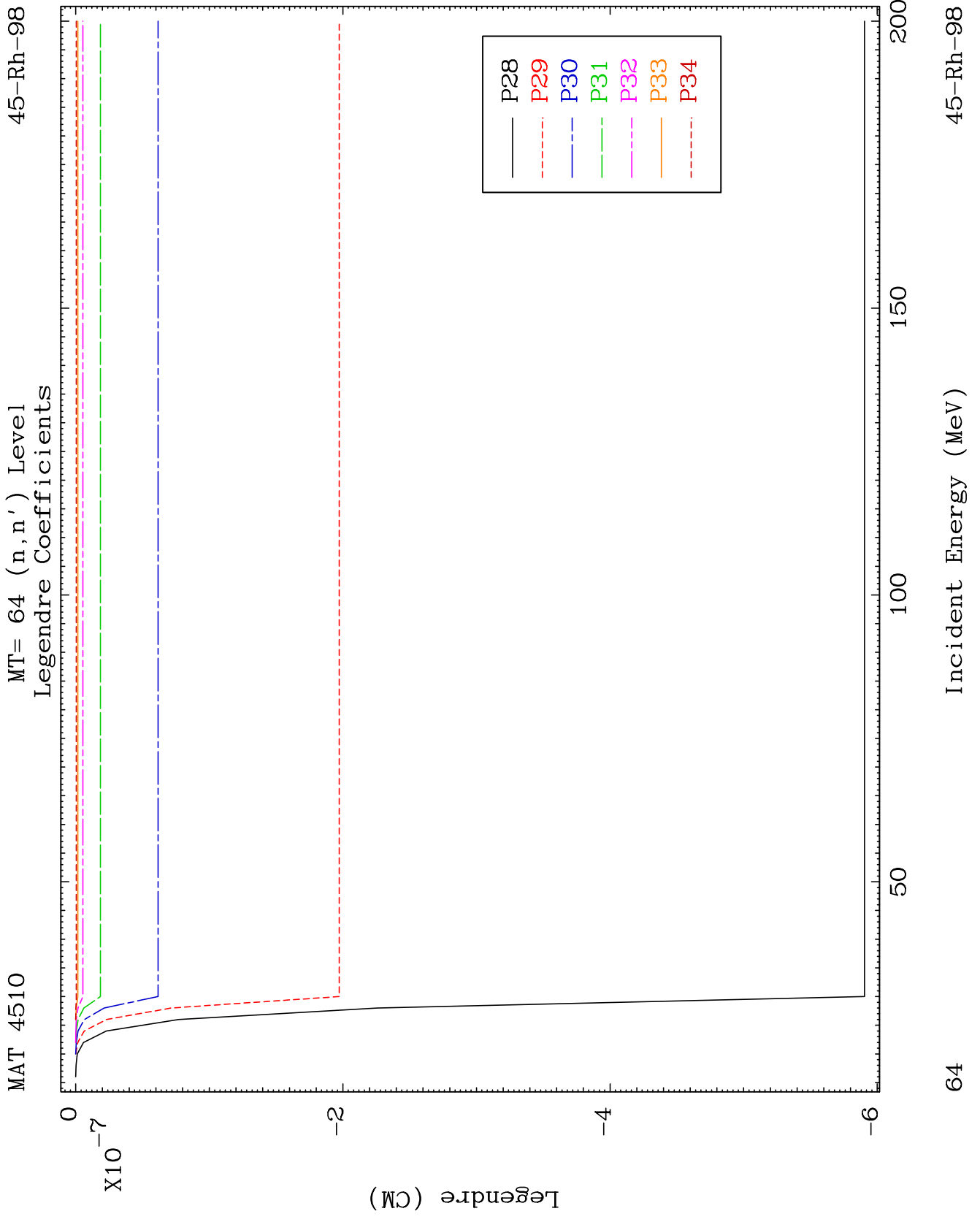
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Incident Energy (MeV)

45-Rh-98



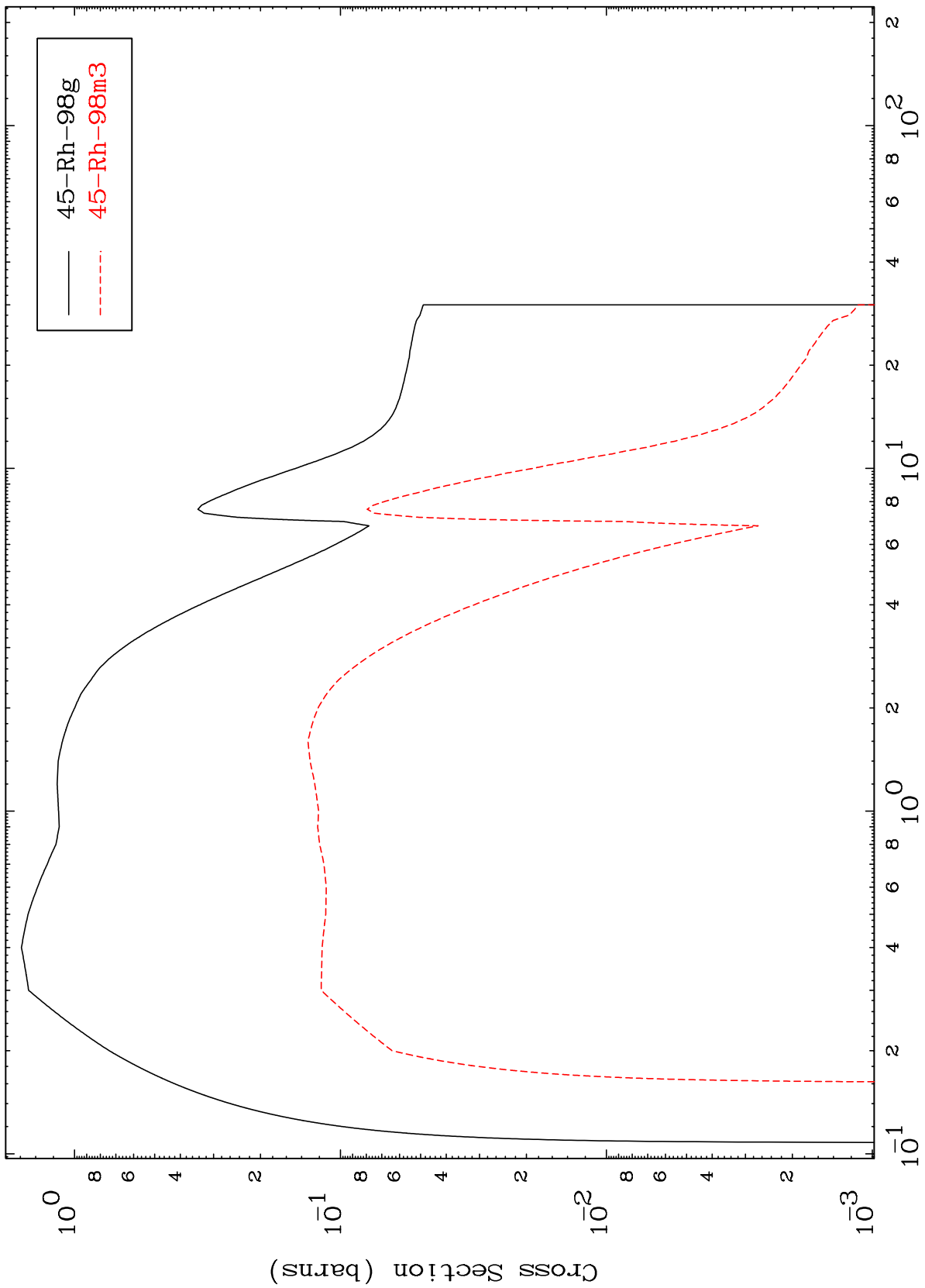




MAT 4510

45-Rh-98

Inelastic  
Radionuclide Production Cross Section



45-Rh-98g  
45-Rh-98m3

45-Rh-98

Incident Energy (MeV)

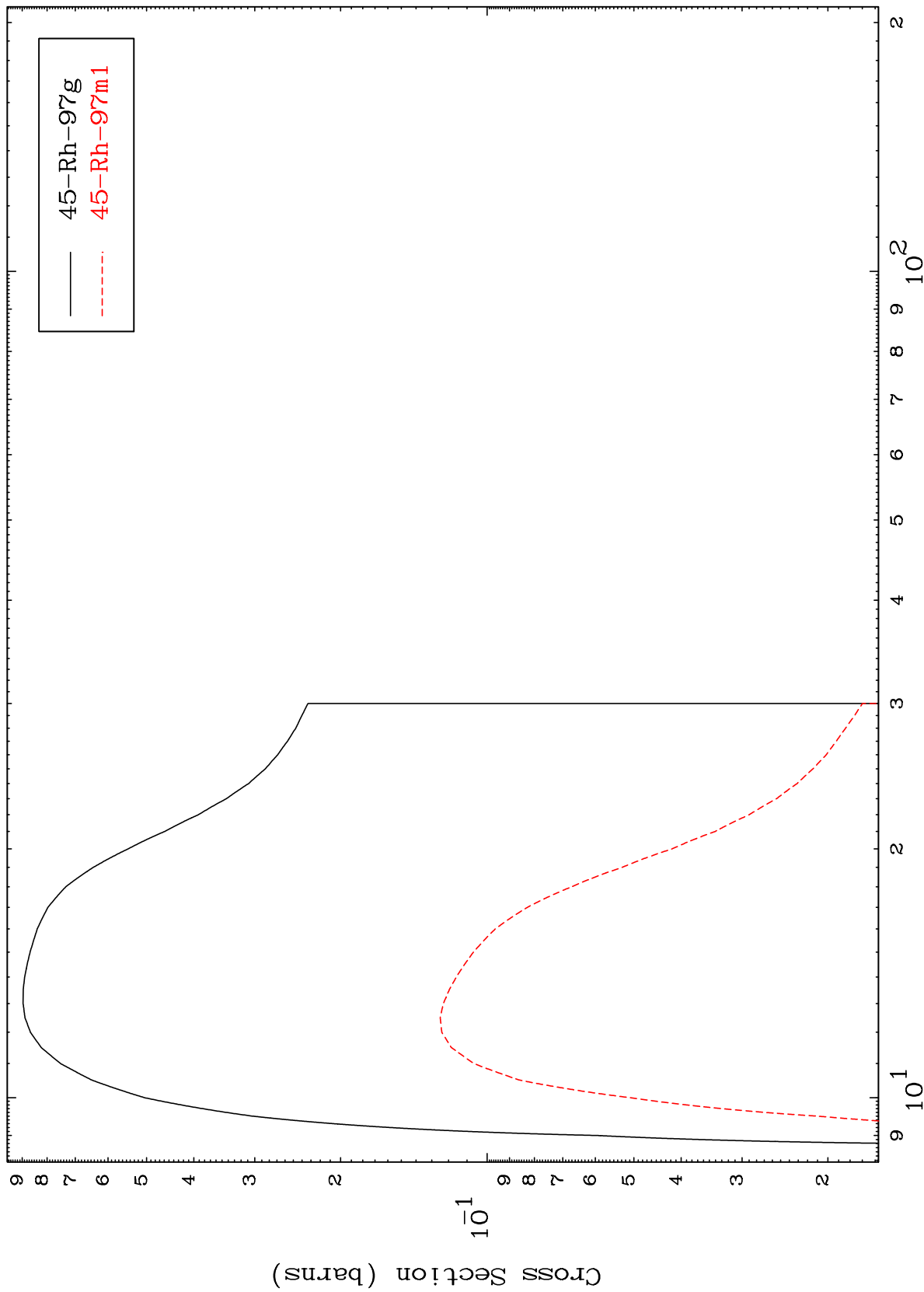
65

MAT 4510

45-Rh-98

(n,2n)

Radionuclide Production Cross Section



66

Incident Energy (MeV)

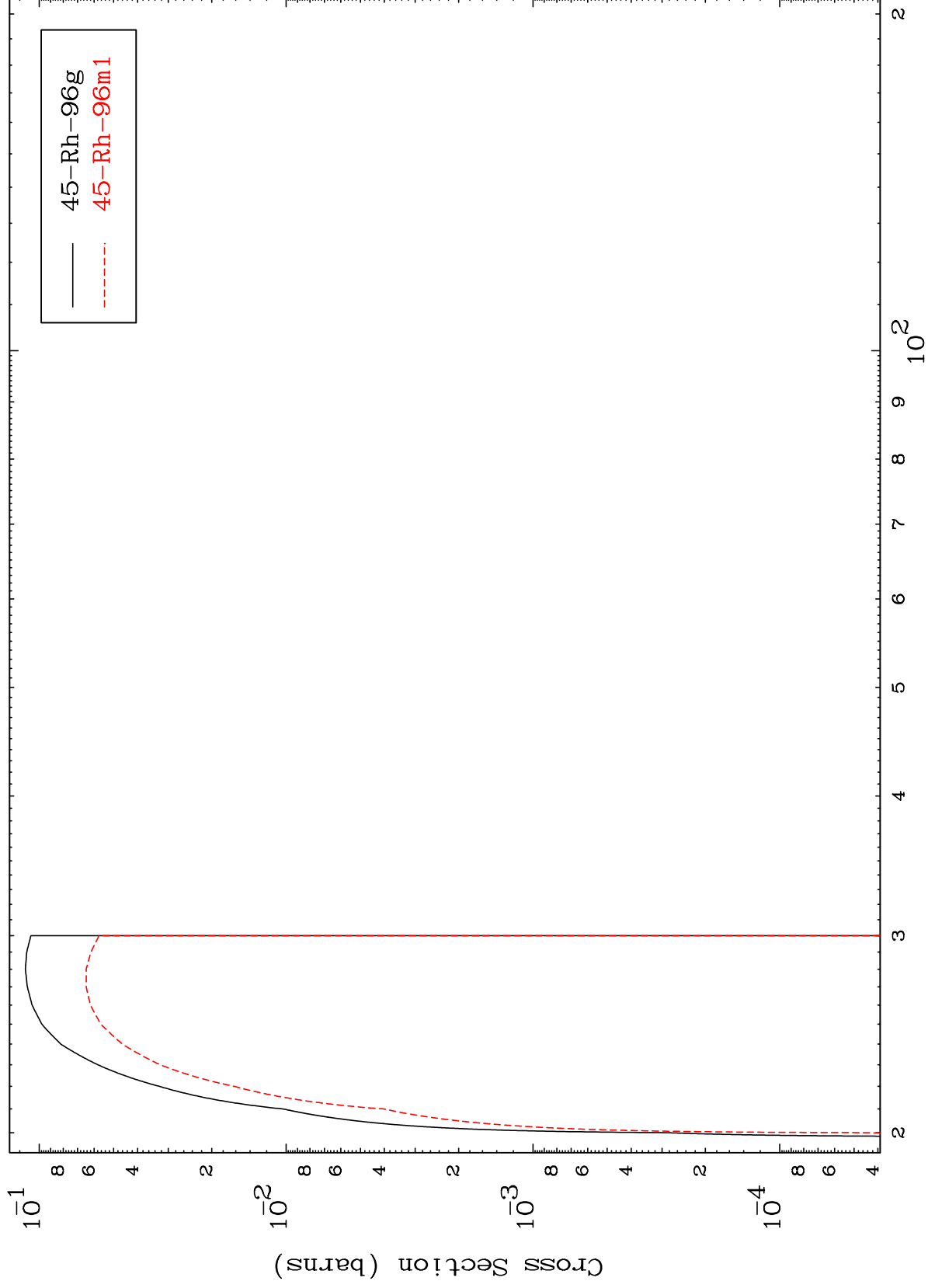
45-Rh-98

MAT 4510

(n,3n)

45-Rh-98

Radionuclide Production Cross Section



67

Incident Energy (MeV)

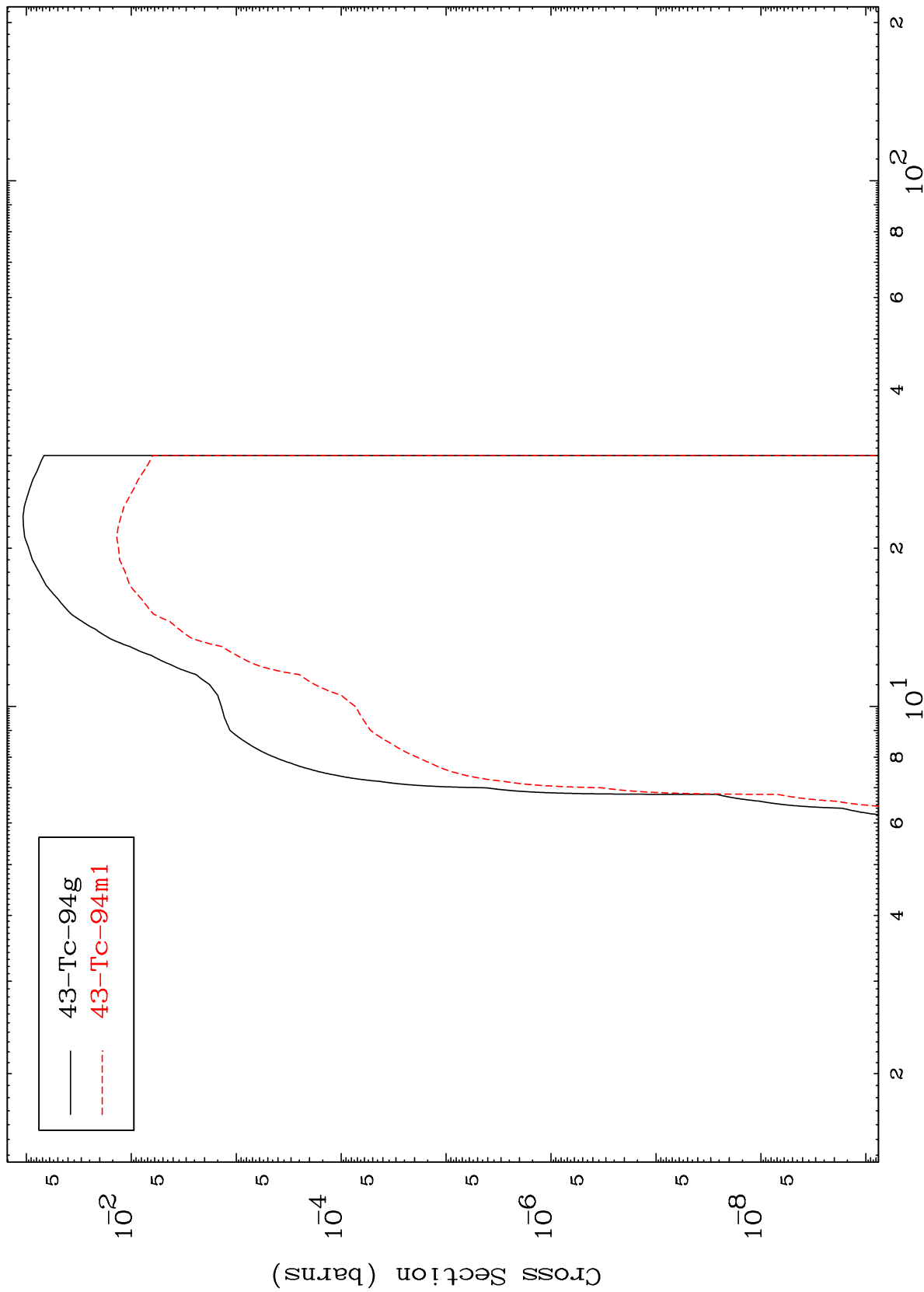
45-Rh-98

MAT 4510

(n,n')  $\alpha$

45-Rh-98

Radionuclide Production Cross Section



— 43-Tc-94g  
- - - 43-Tc-94m1

68

Incident Energy (MeV)

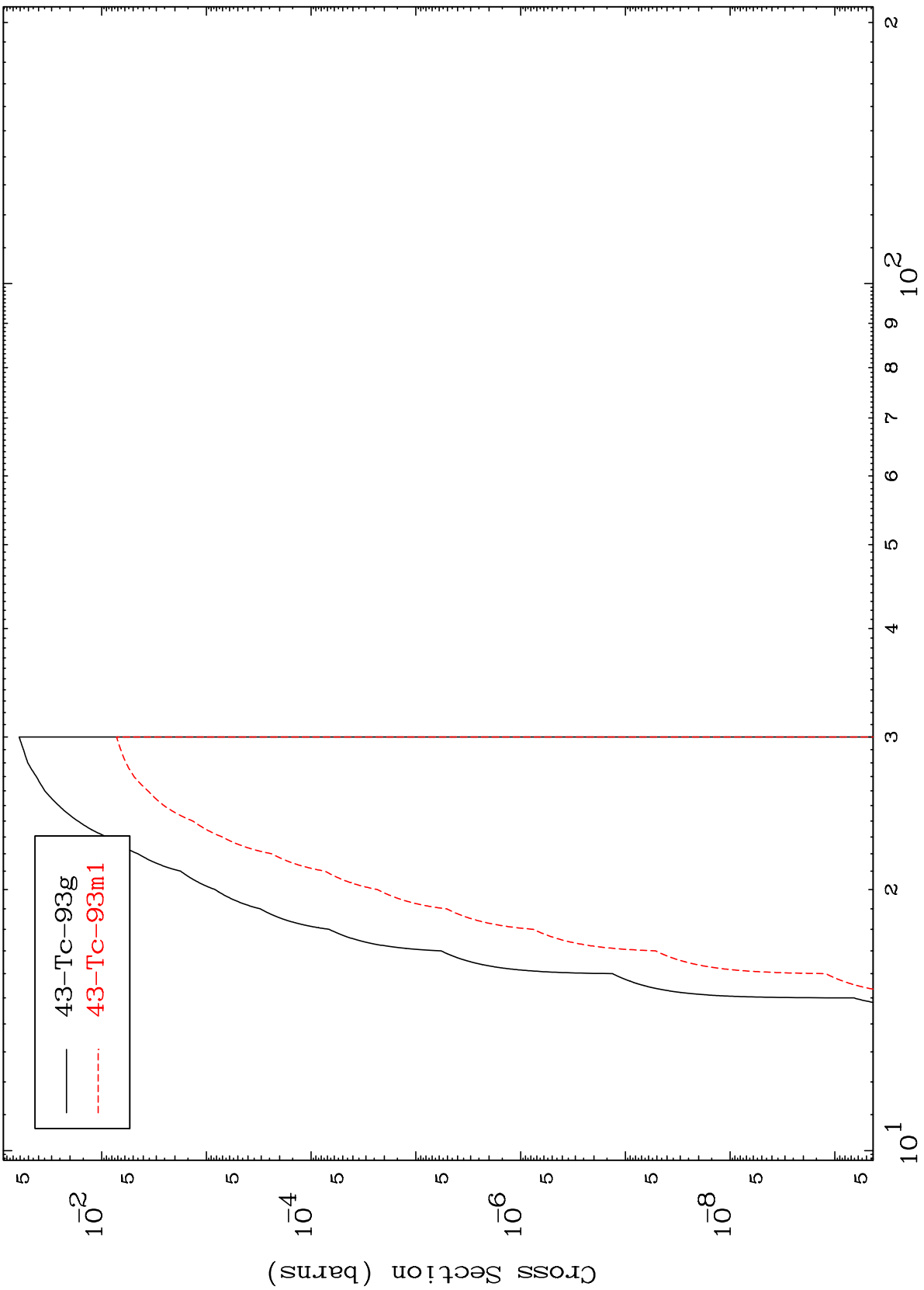
45-Rh-98

MAT 4510

(n,2n)  $\alpha$

45-Rh-98

Radionuclide Production Cross Section



— 43-Tc-93g  
- - - 43-Tc-93m1

69

Incident Energy (MeV)

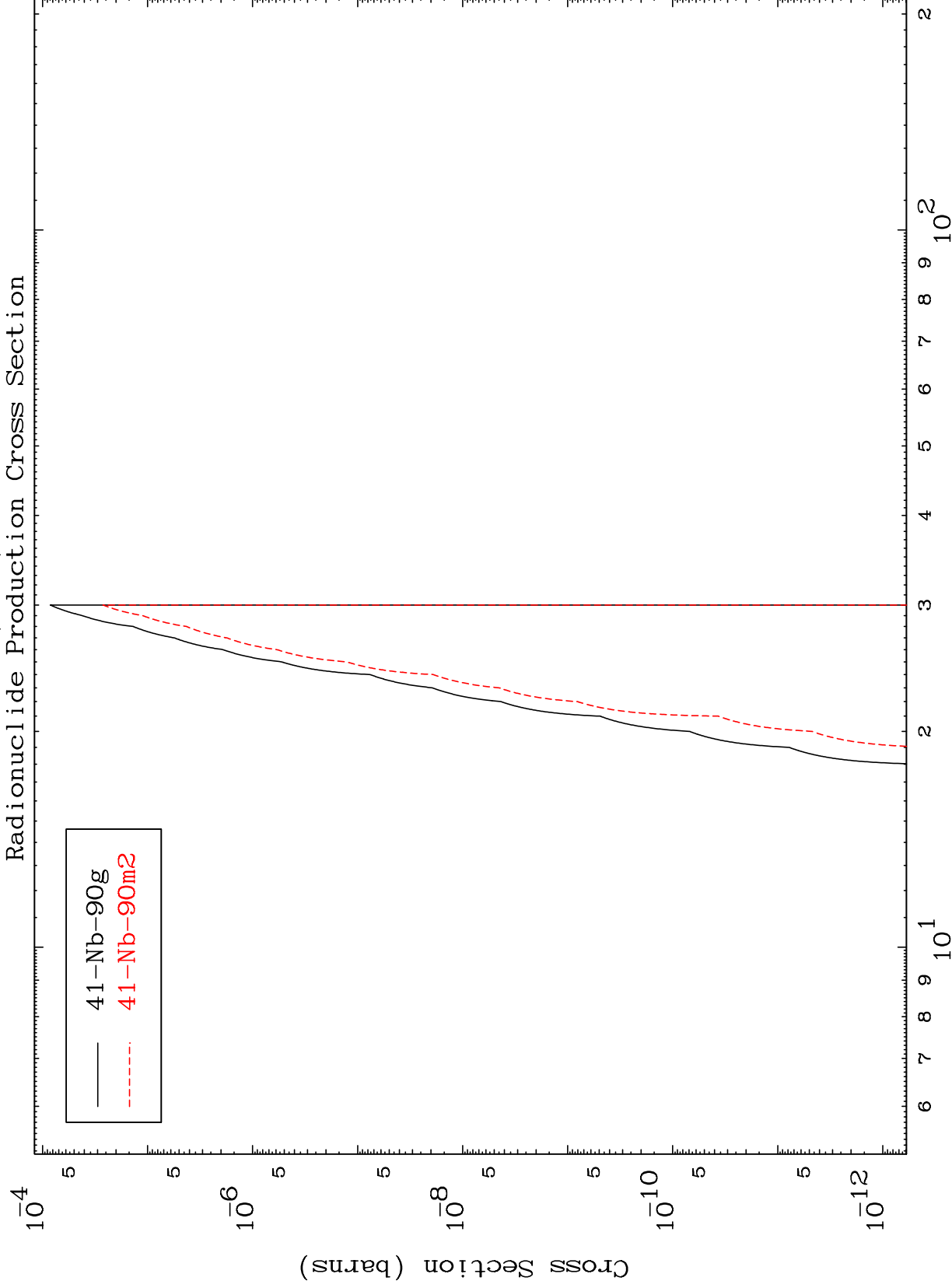
45-Rh-98

MAT 4510

(n, n')  $2\alpha$

45-Rh-98

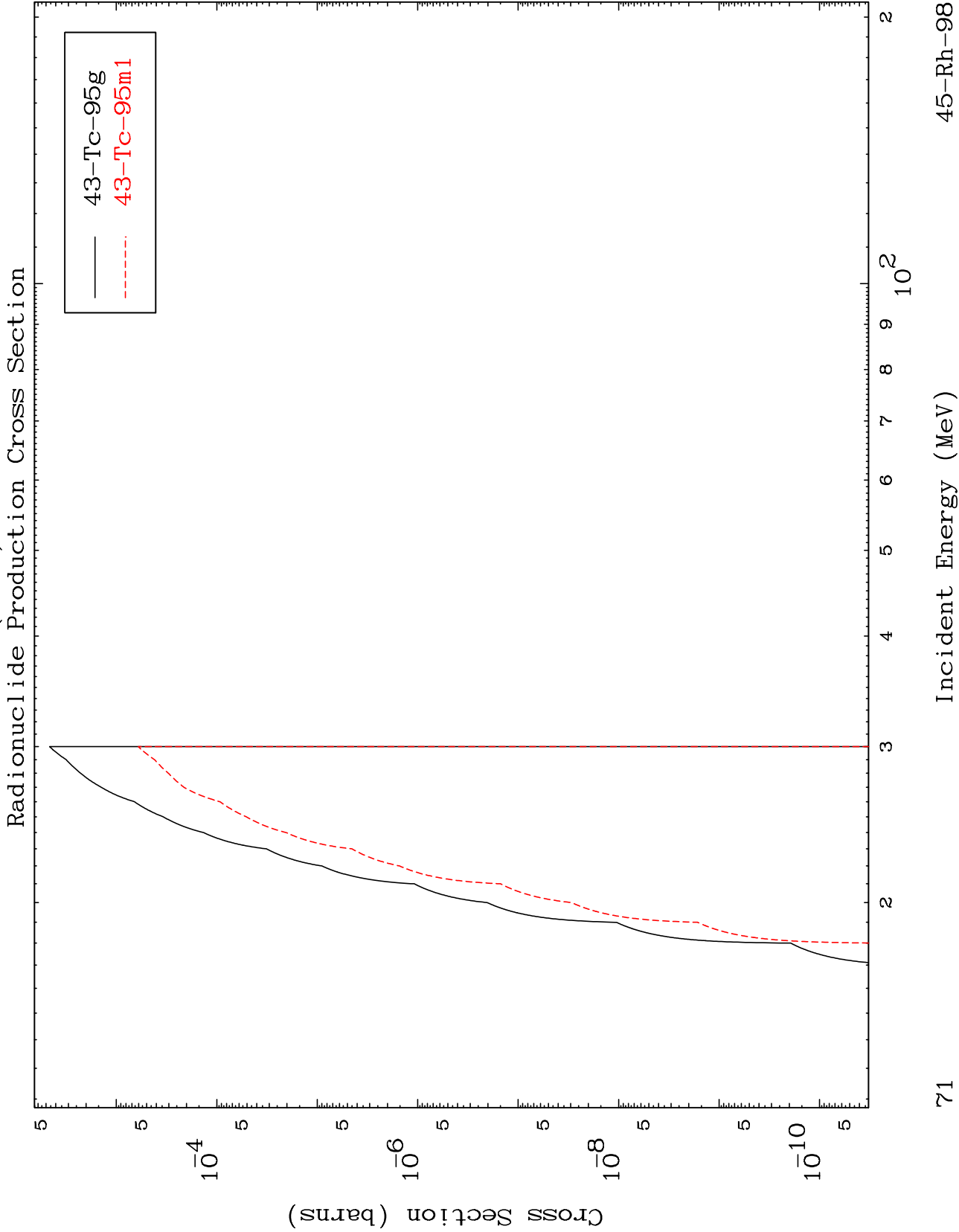
Radionuclide Production Cross Section



70

Incident Energy (MeV)

45-Rh-98

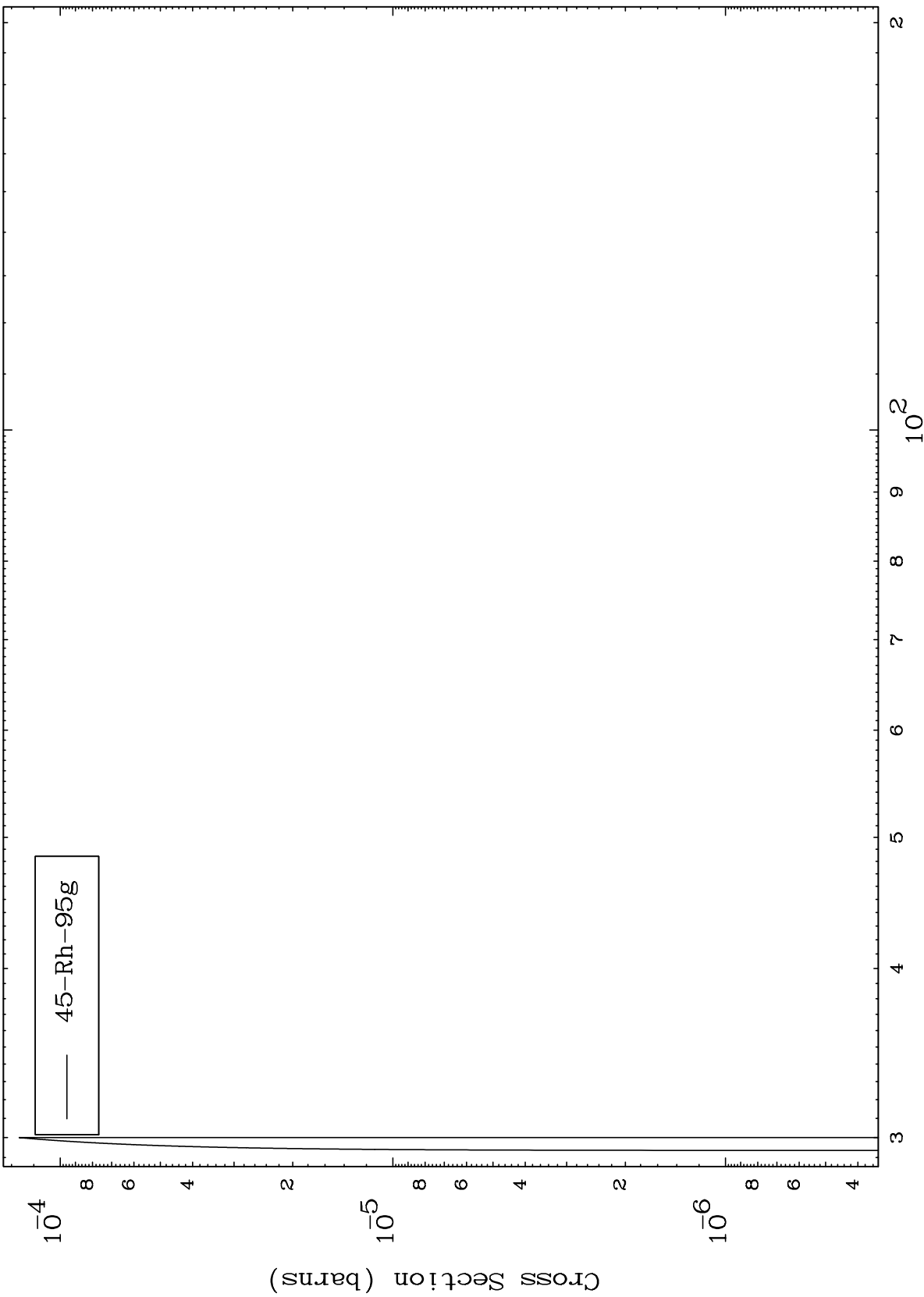




MAT 4510

45-Rh-98

(n,4n)  
Radionuclide Production Cross Section



72

Incident Energy (MeV)

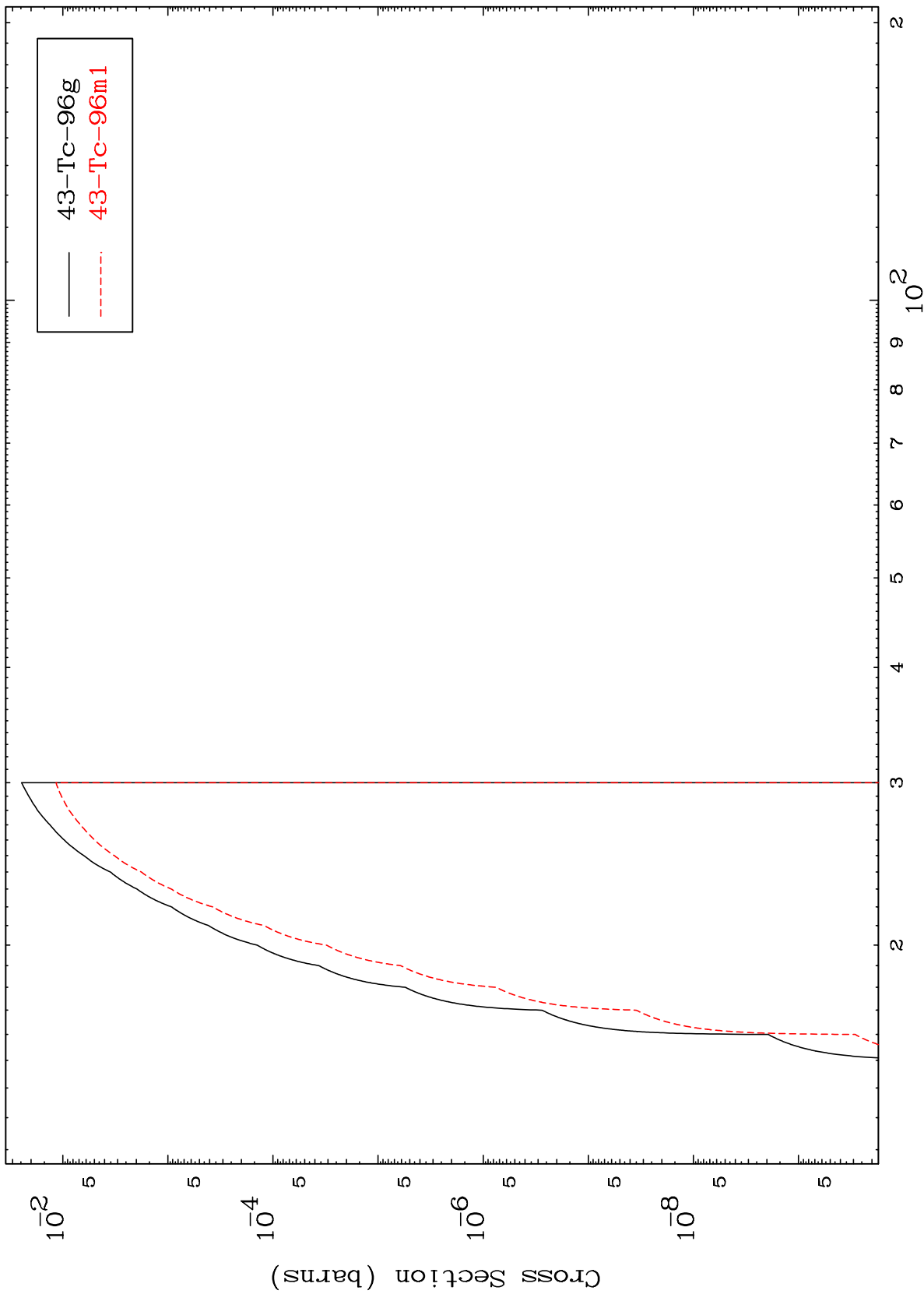
45-Rh-98

MAT 4510

(n,2n) p

45-Rh-98

Radionuclide Production Cross Section



73

Incident Energy (MeV)

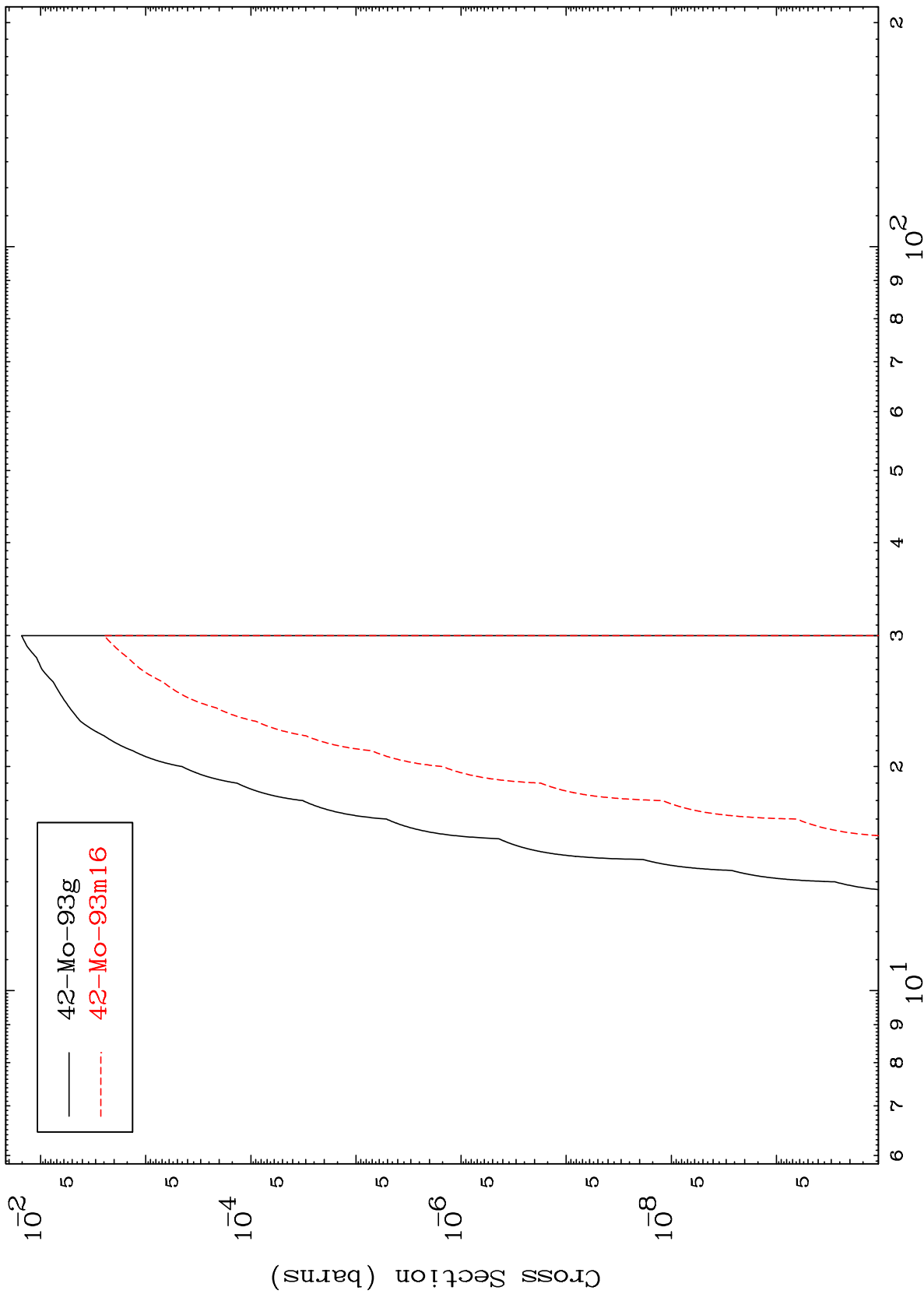
45-Rh-98

MAT 4510

(n,n') p  $\alpha$

45-Rh-98

Radionuclide Production Cross Section



74

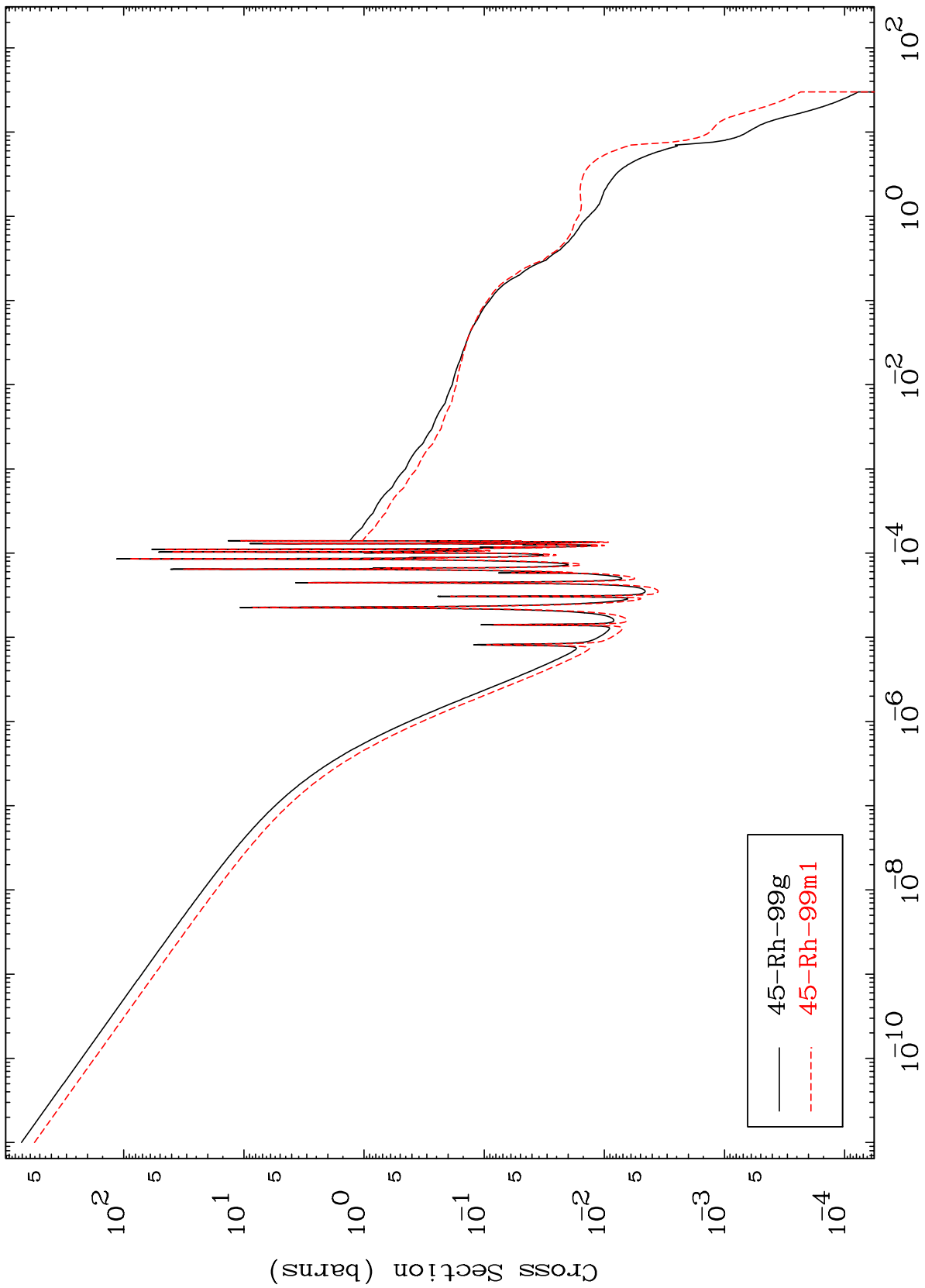
Incident Energy (MeV)

45-Rh-98

MAT 4510

45-Rh-98

$(n, \gamma)$   
Radionuclide Production Cross Section



75

45-Rh-98

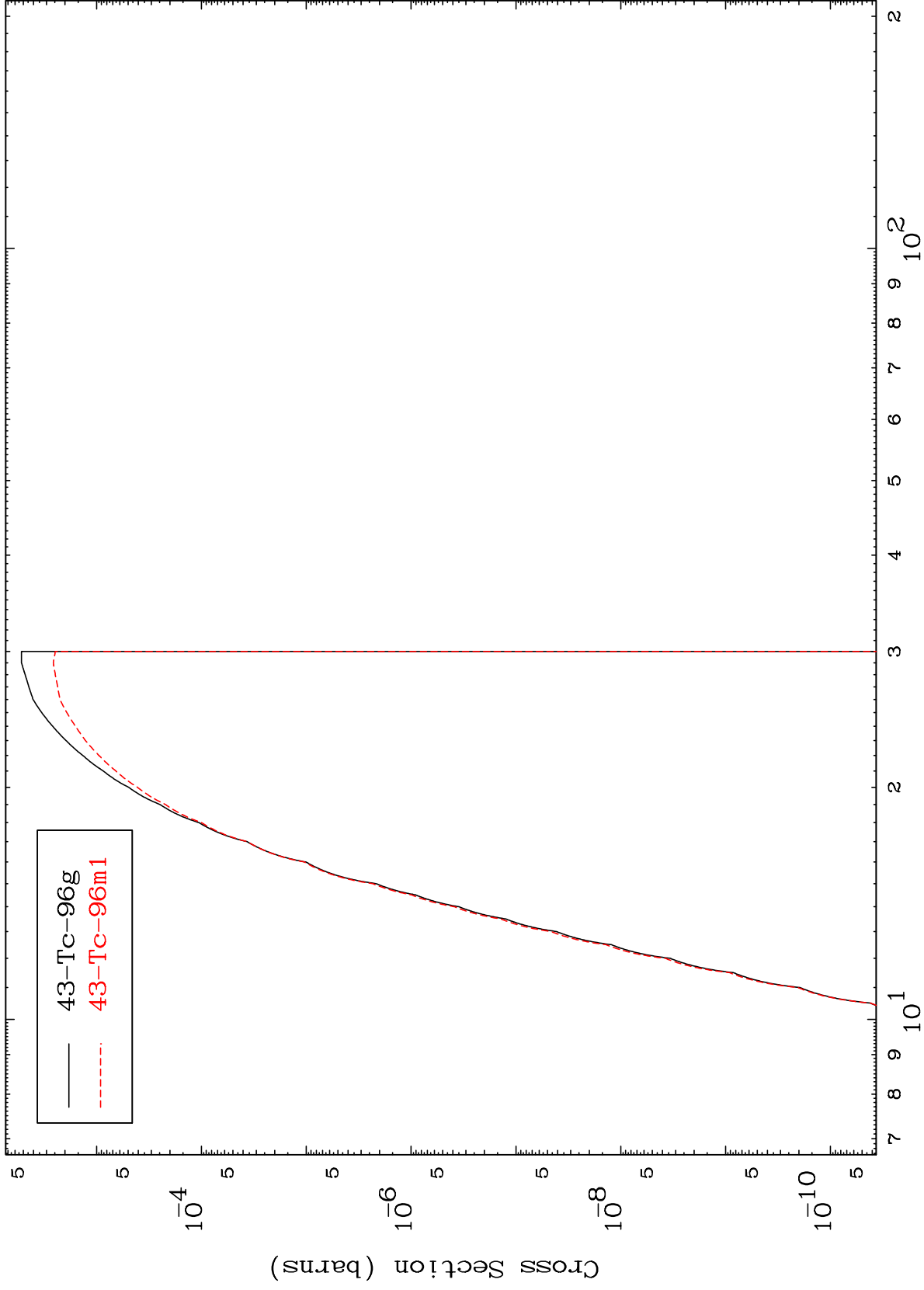
Incident Energy (MeV)

MAT 4510

(n,He-3)

45-Rh-98

Radionuclide Production Cross Section



76

Incident Energy (MeV)

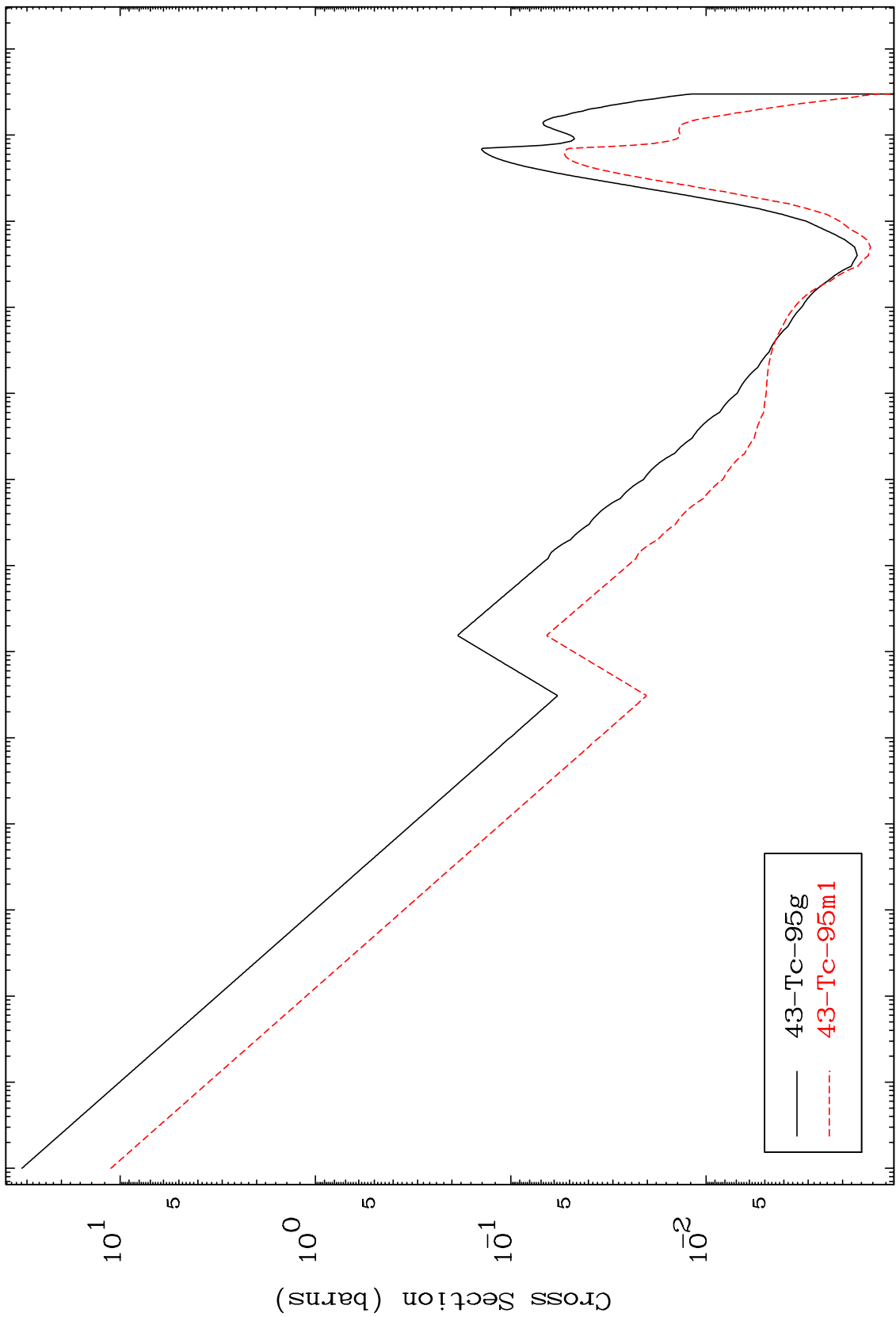
45-Rh-98

MAT 4510

45-Rh-98

Radionuclide Production Cross Section

(n,  $\alpha$ )



45-Rh-98

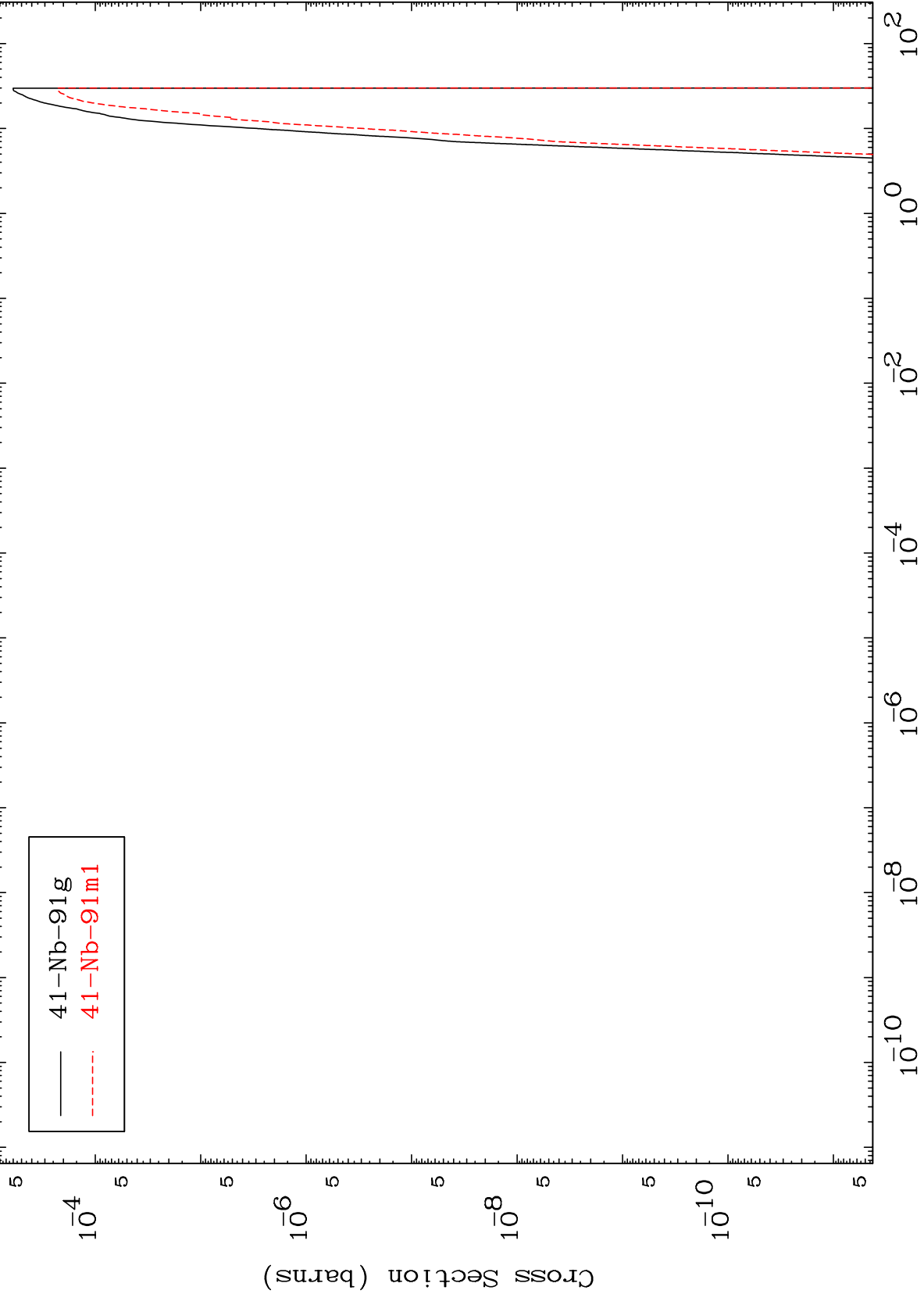
Incident Energy (MeV)

MAT 4510

(n,2α)

45-Rh-98

Radionuclide Production Cross Section



— 41-Nb-91g  
- - - 41-Nb-91m1

78

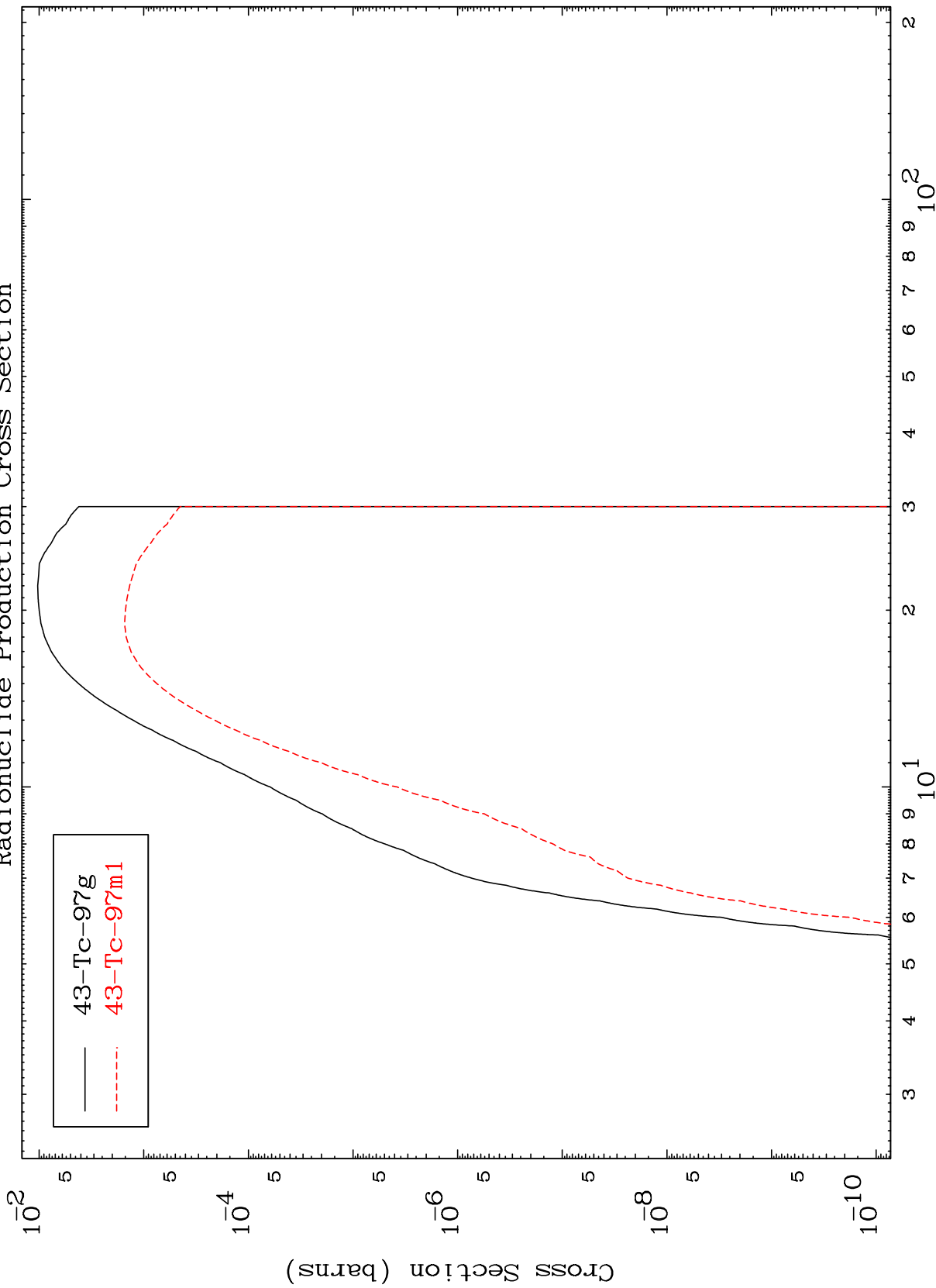
Incident Energy (MeV)

45-Rh-98

MAT 4510

45-Rh-98

(n,2p)  
Radionuclide Production Cross Section



43-Tc-97g  
43-Tc-97m1

79

Incident Energy (MeV)

45-Rh-98

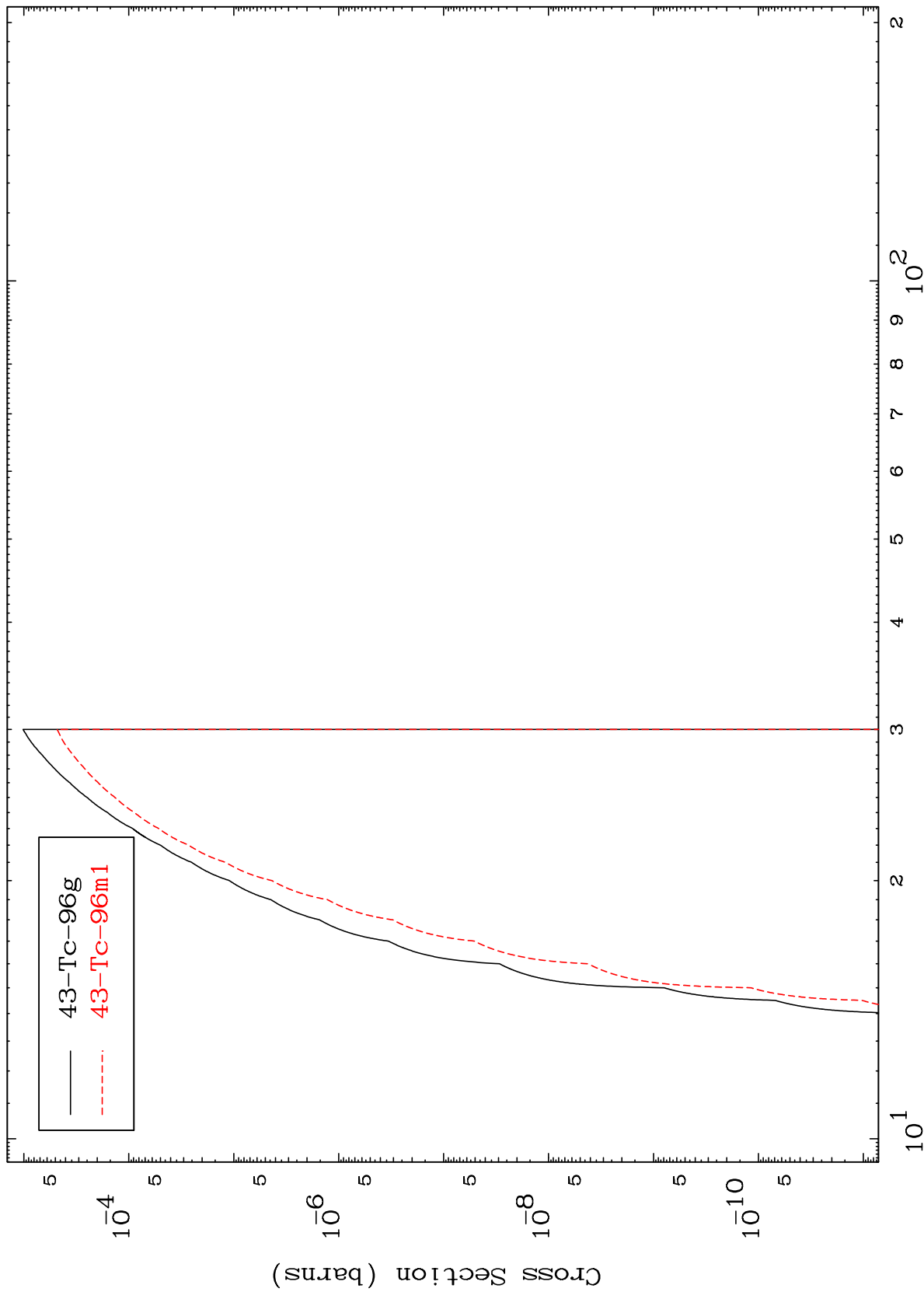


MAT 4510

(n,p) d

45-Rh-98

Radionuclide Production Cross Section

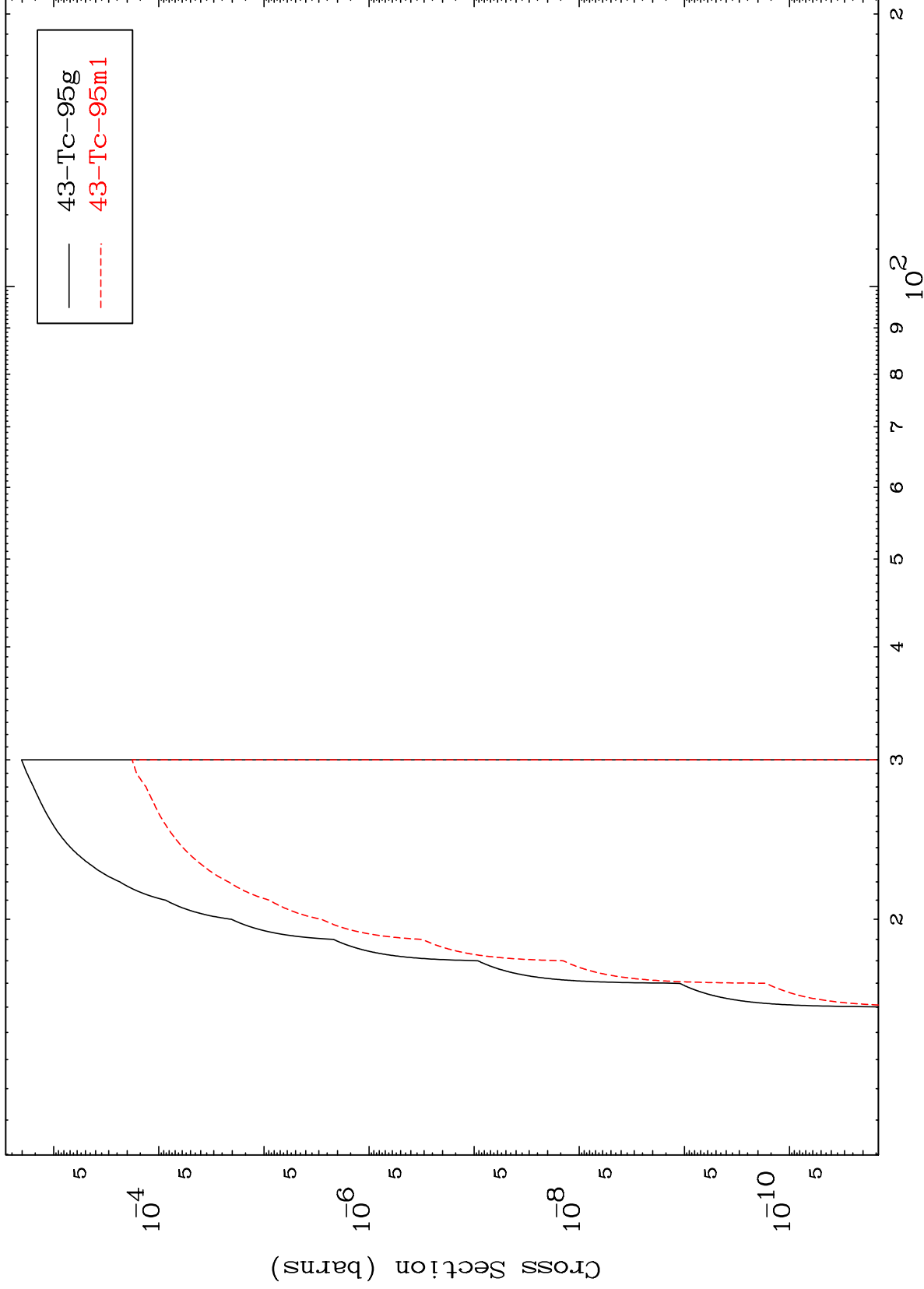


Incident Energy (MeV)

45-Rh-98

80

Radionuclide Production Cross Section

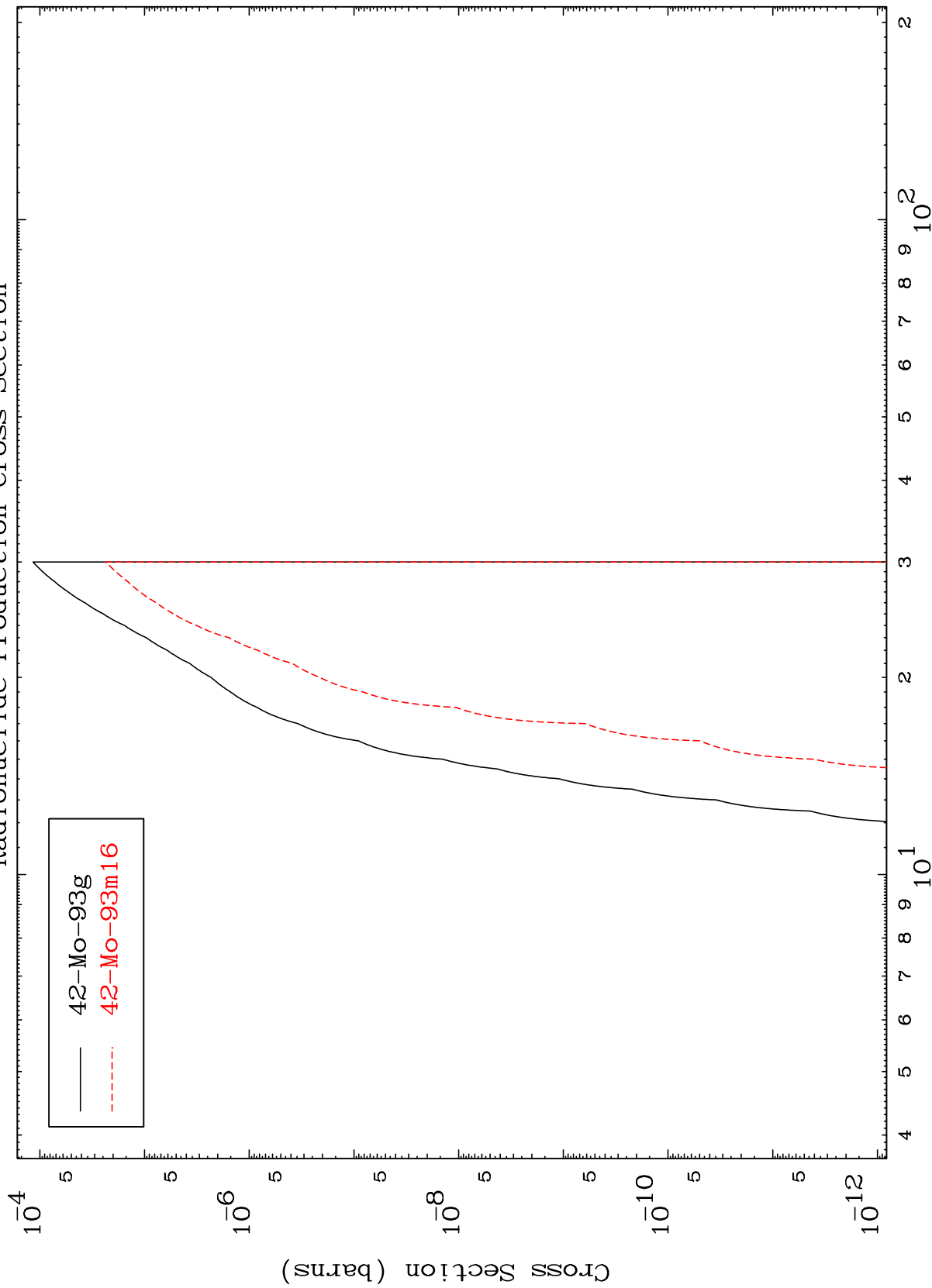


MAT 4510

(n,d)  $\alpha$

45-Rh-98

Radionuclide Production Cross Section



82

Incident Energy (MeV)

45-Rh-98