

Program EVALPLOT  
(Version 2018-1)

by

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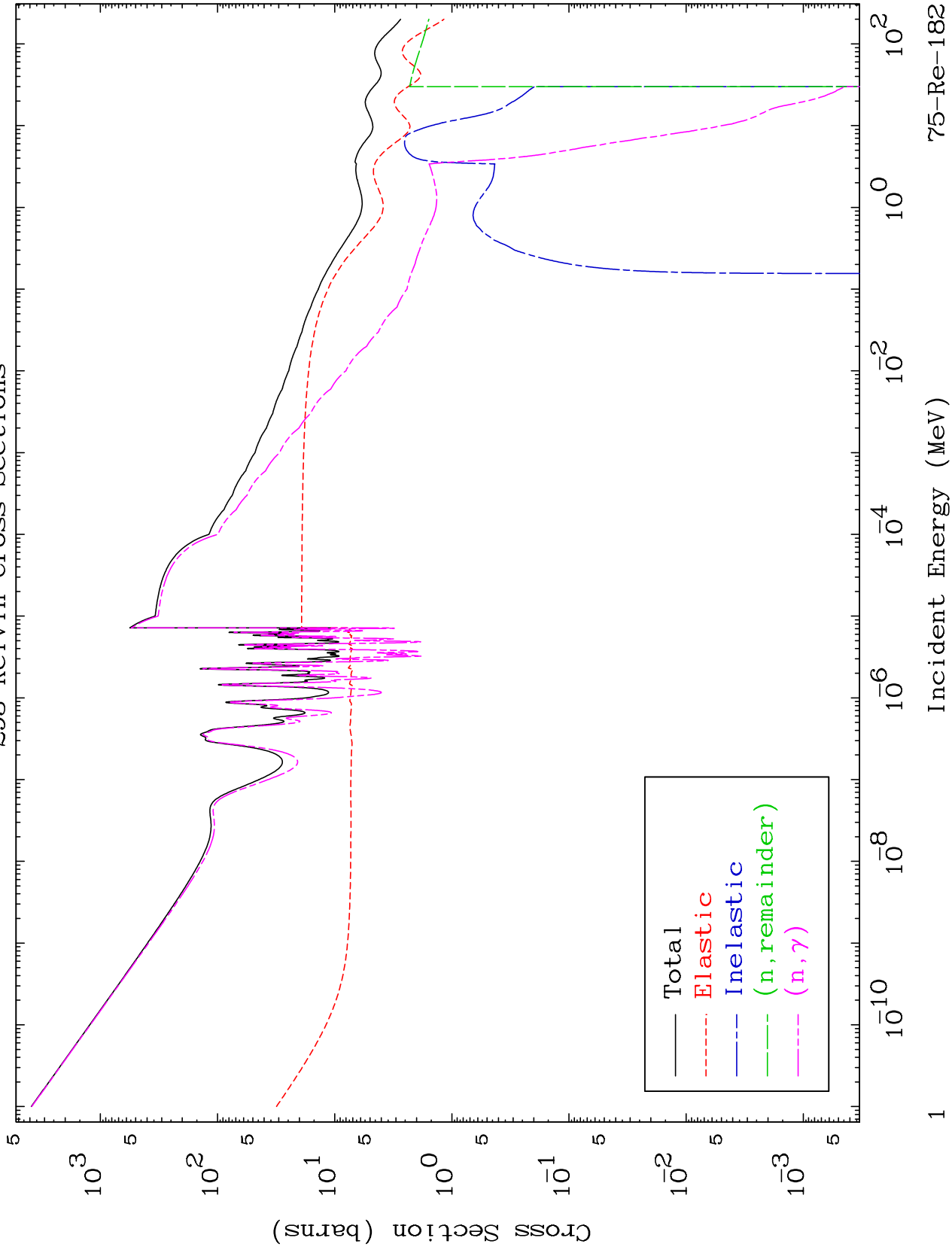
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7516

Major  
293 Kelvin Cross Sections

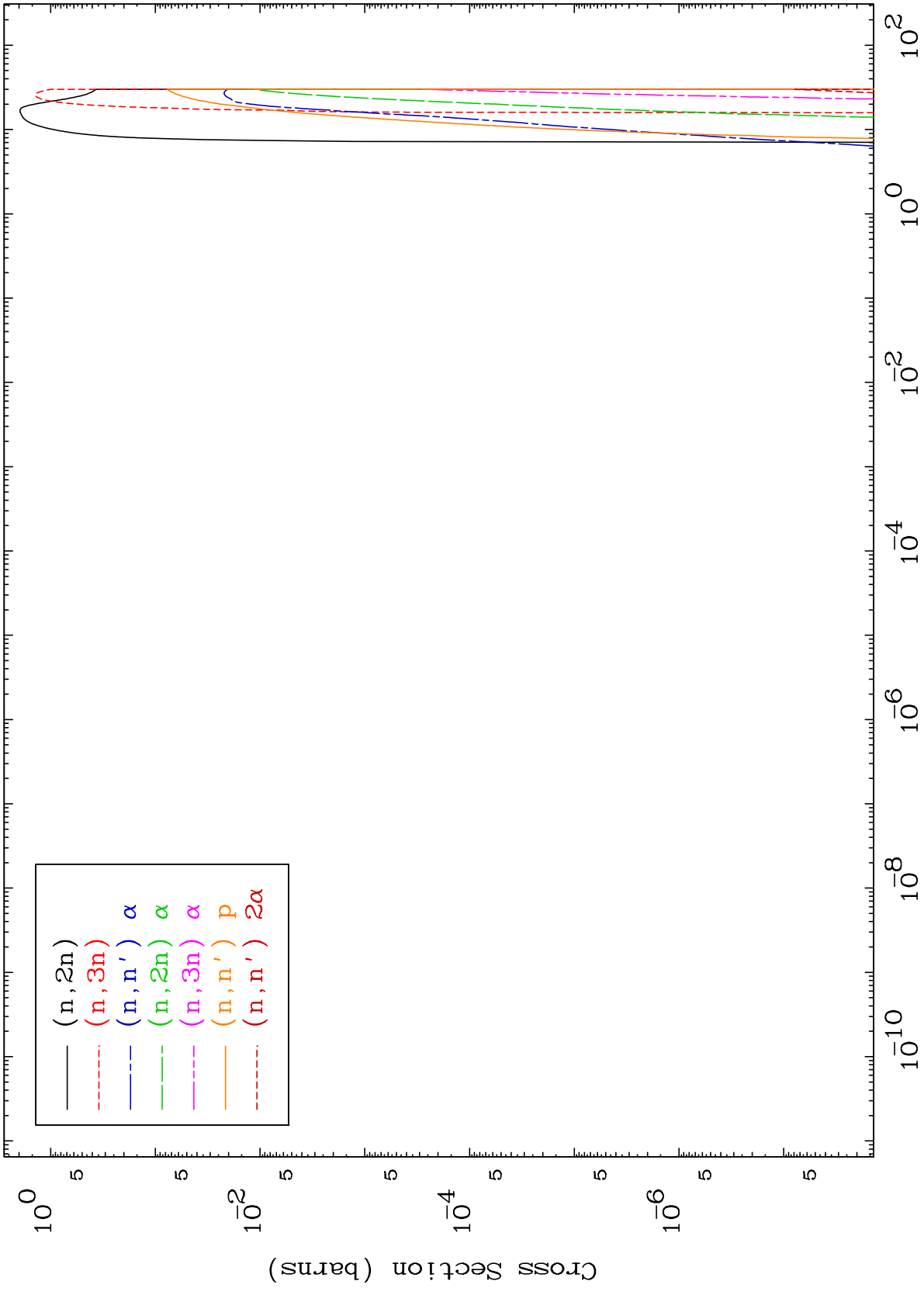
75-Re-182



MAT 7516

Neutron Production  
293 Kelvin Cross Sections

75-Re-182

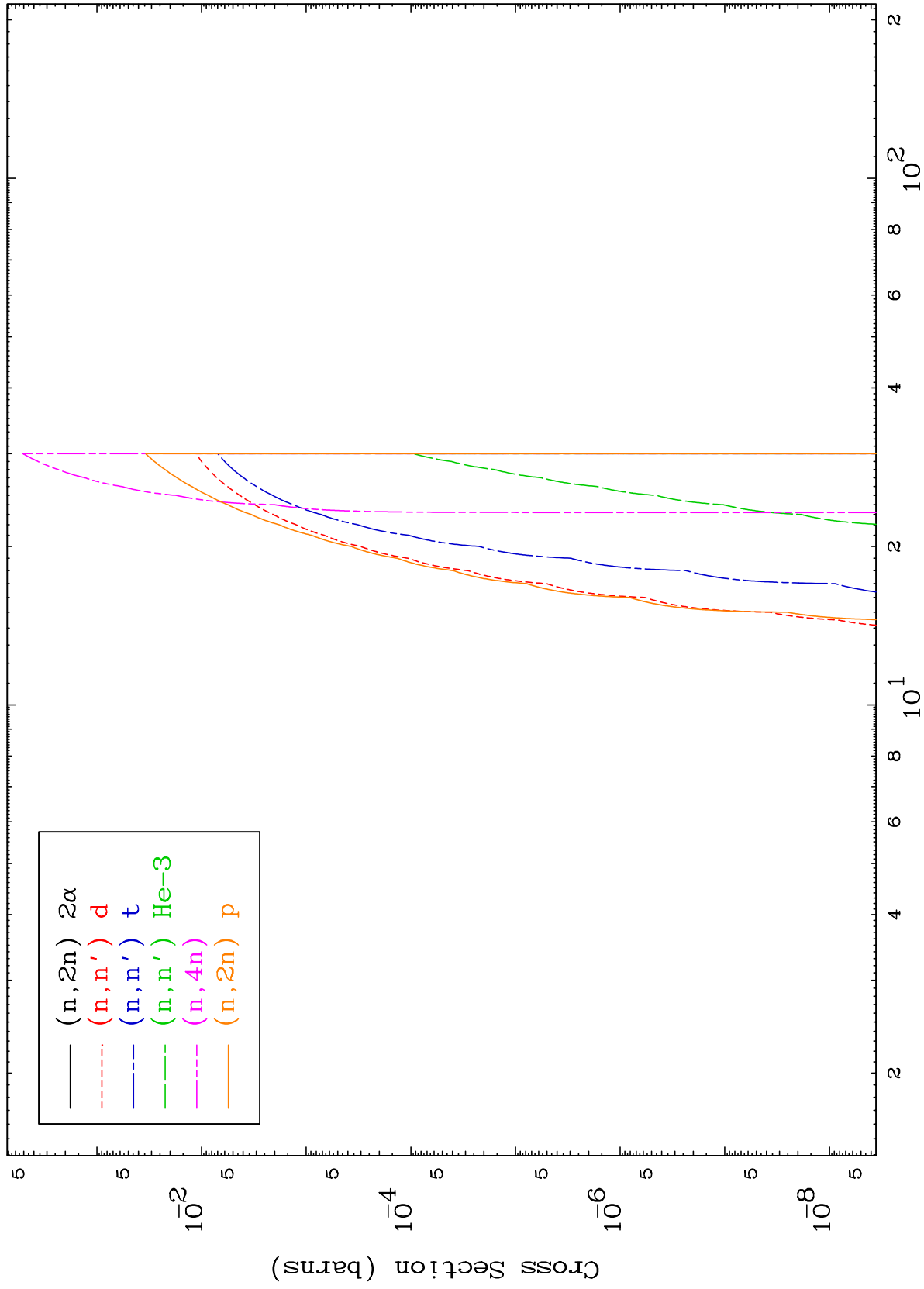


75-Re-182

MAT 7516

Neutron Production  
293 Kelvin Cross Sections

75-Re-182



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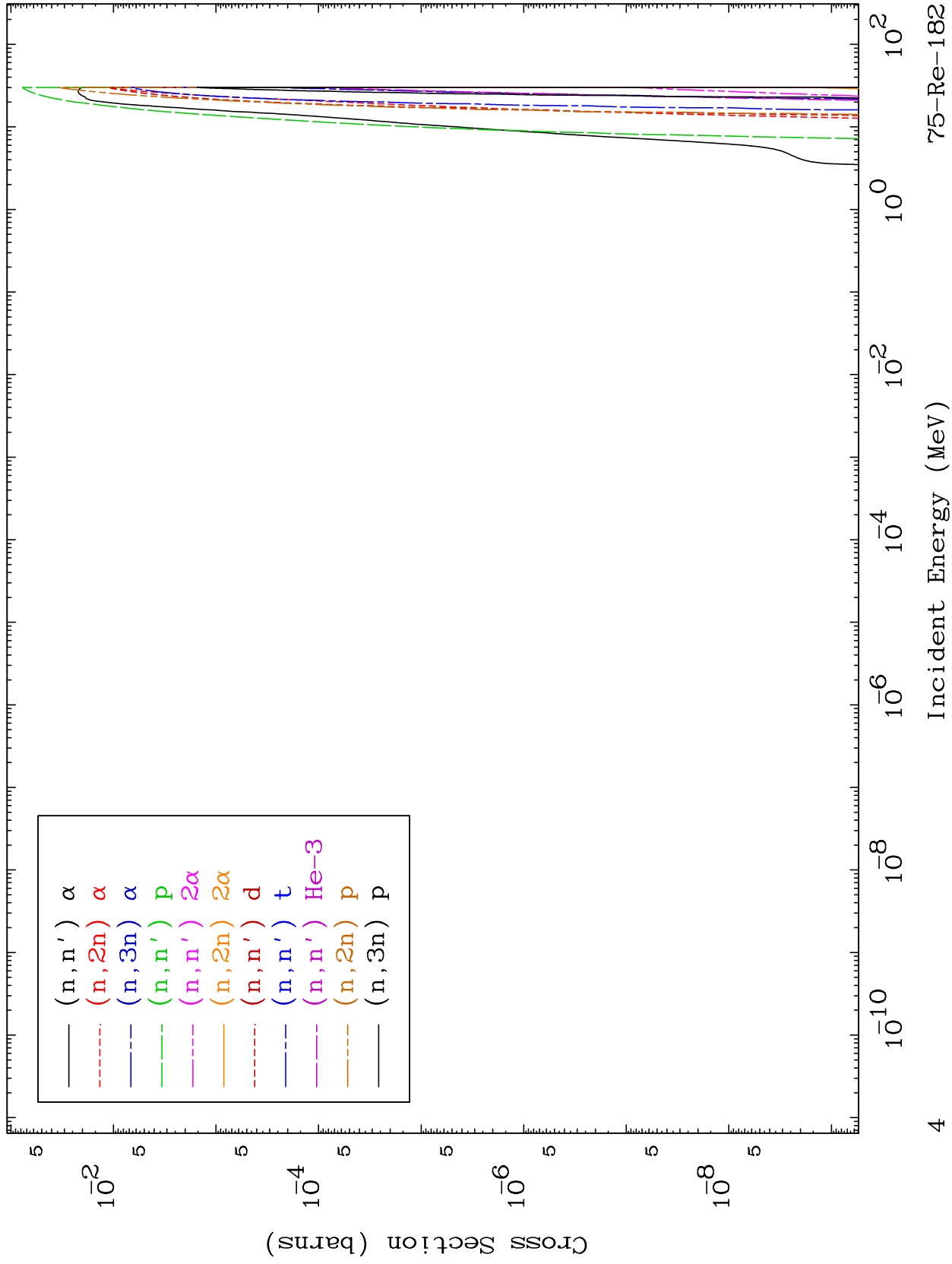
Incident Energy (MeV)

75-Re-182

MAT 7516

Charged Particle  
293 Kelvin Cross Sections

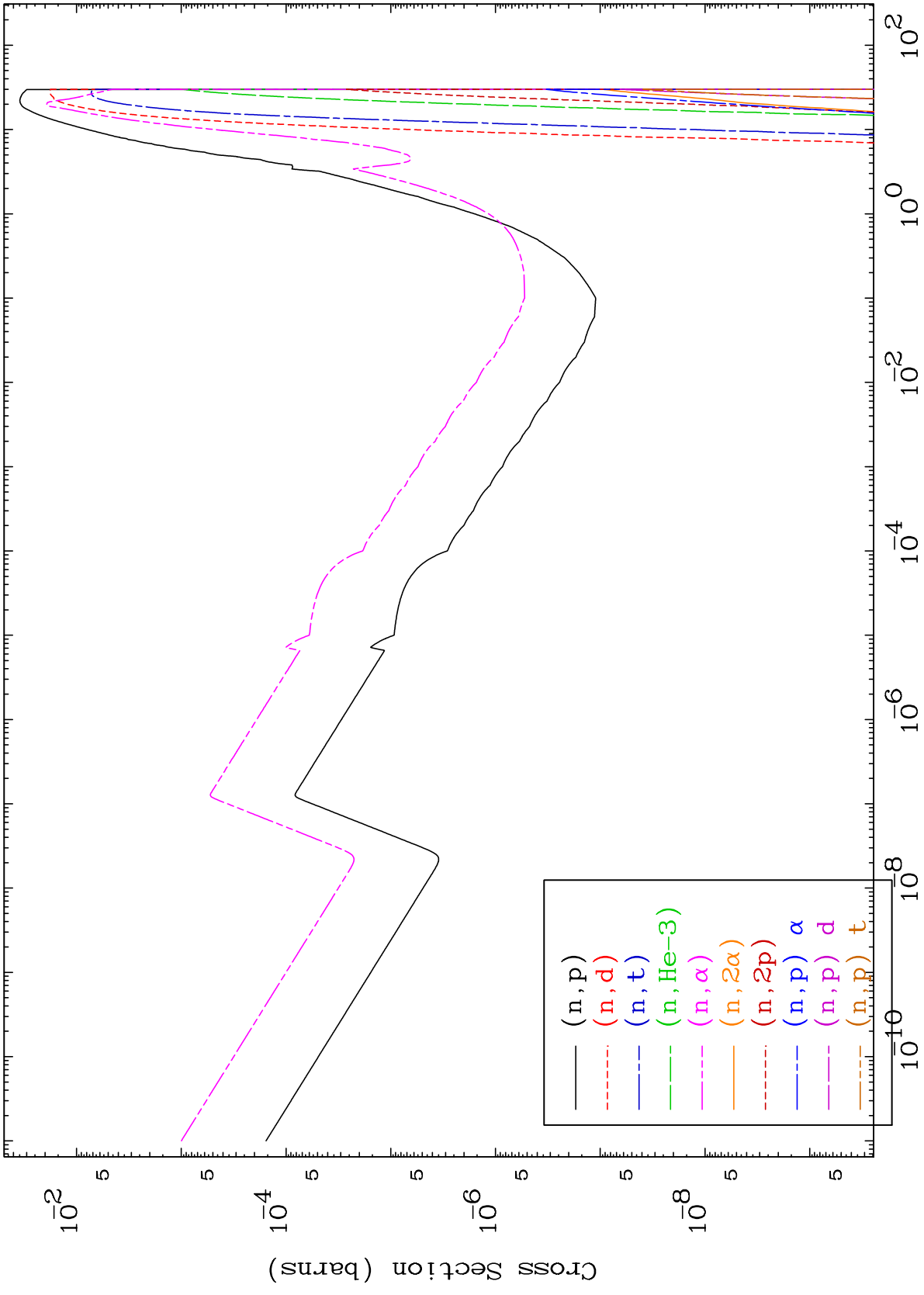
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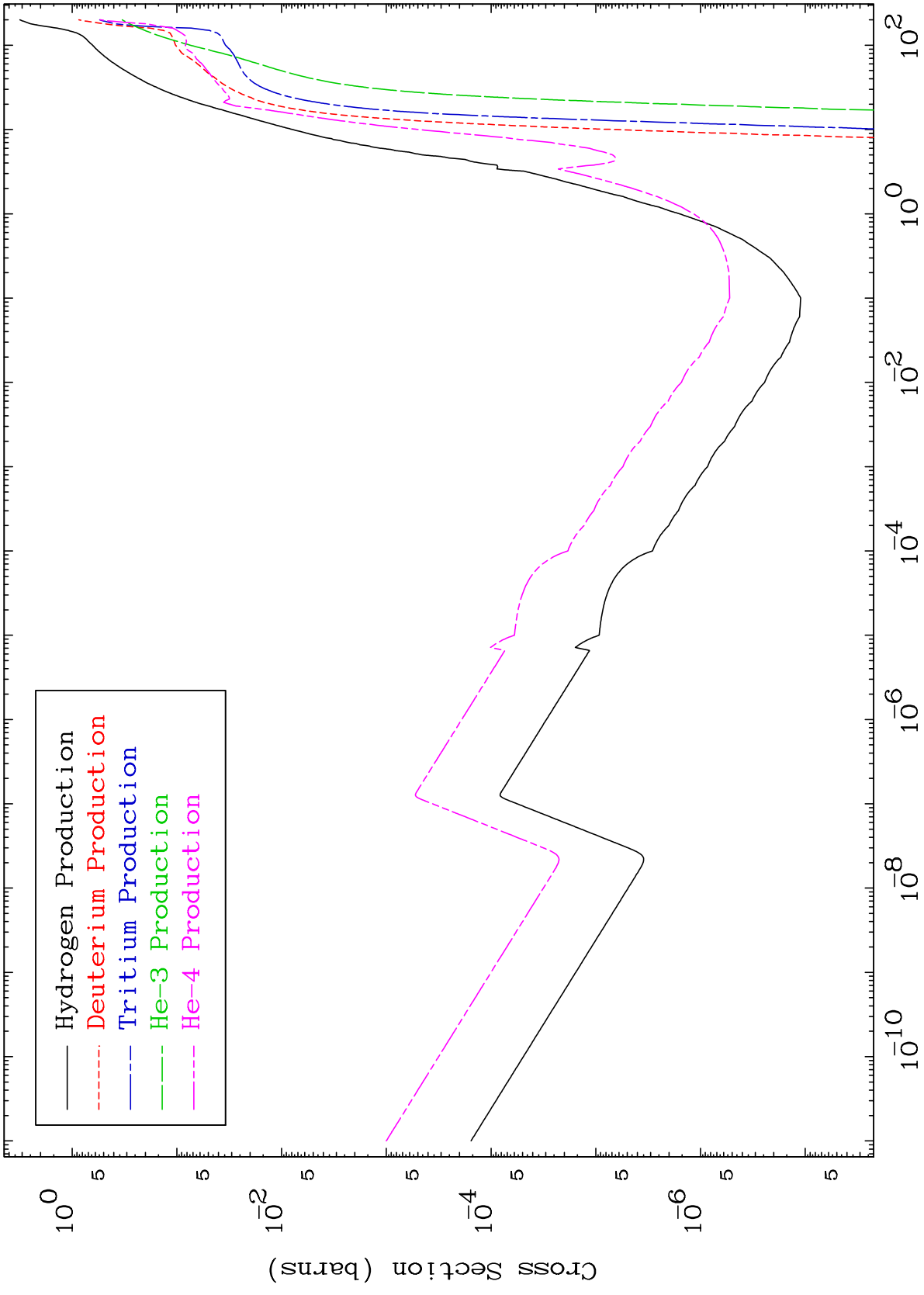
MAT 7516

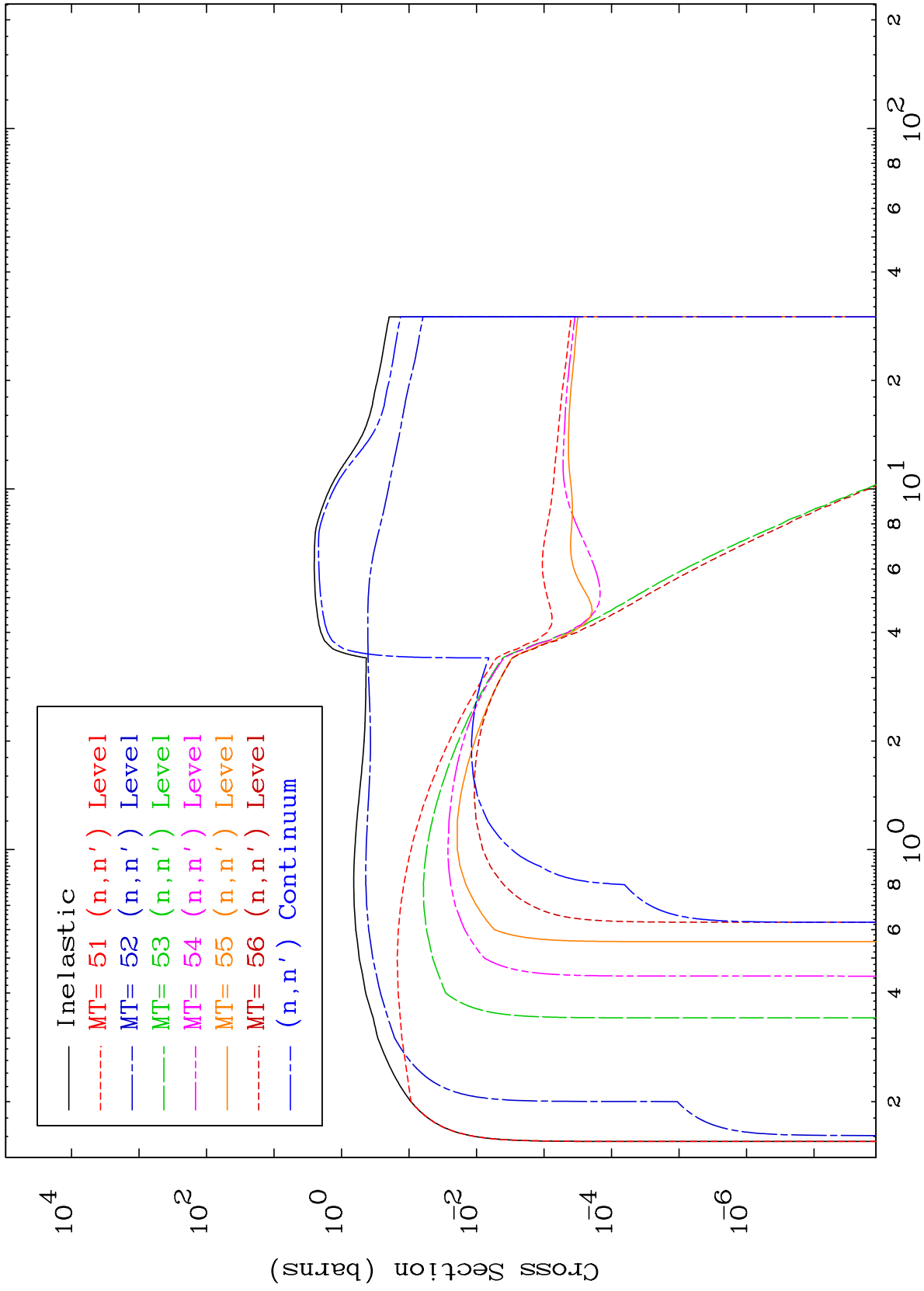
Charged Particle  
293 Kelvin Cross Sections

75-Re-182



75-Re-182



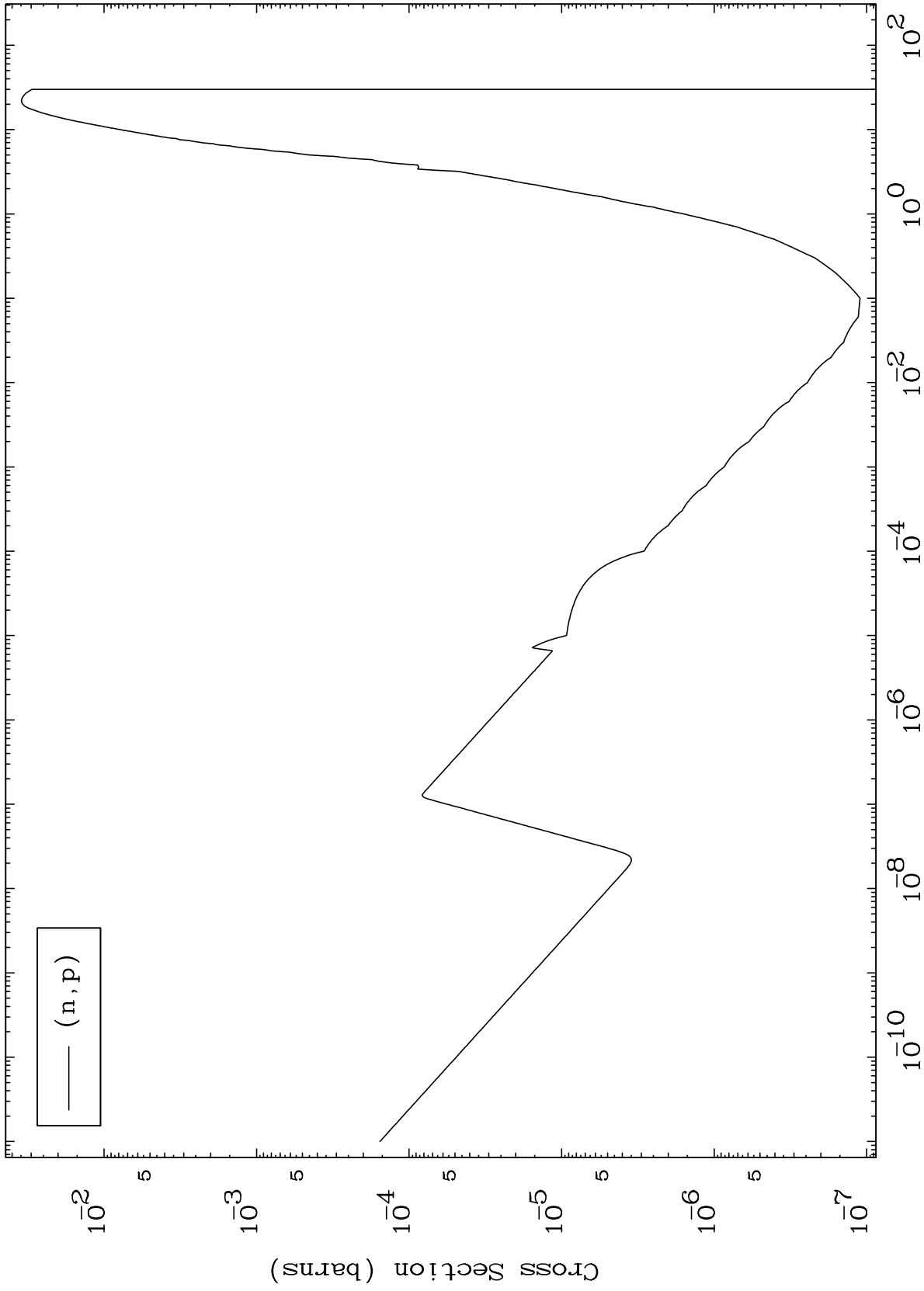




MAT 7516

(n,p) Levels  
293 Kelvin Cross Sections

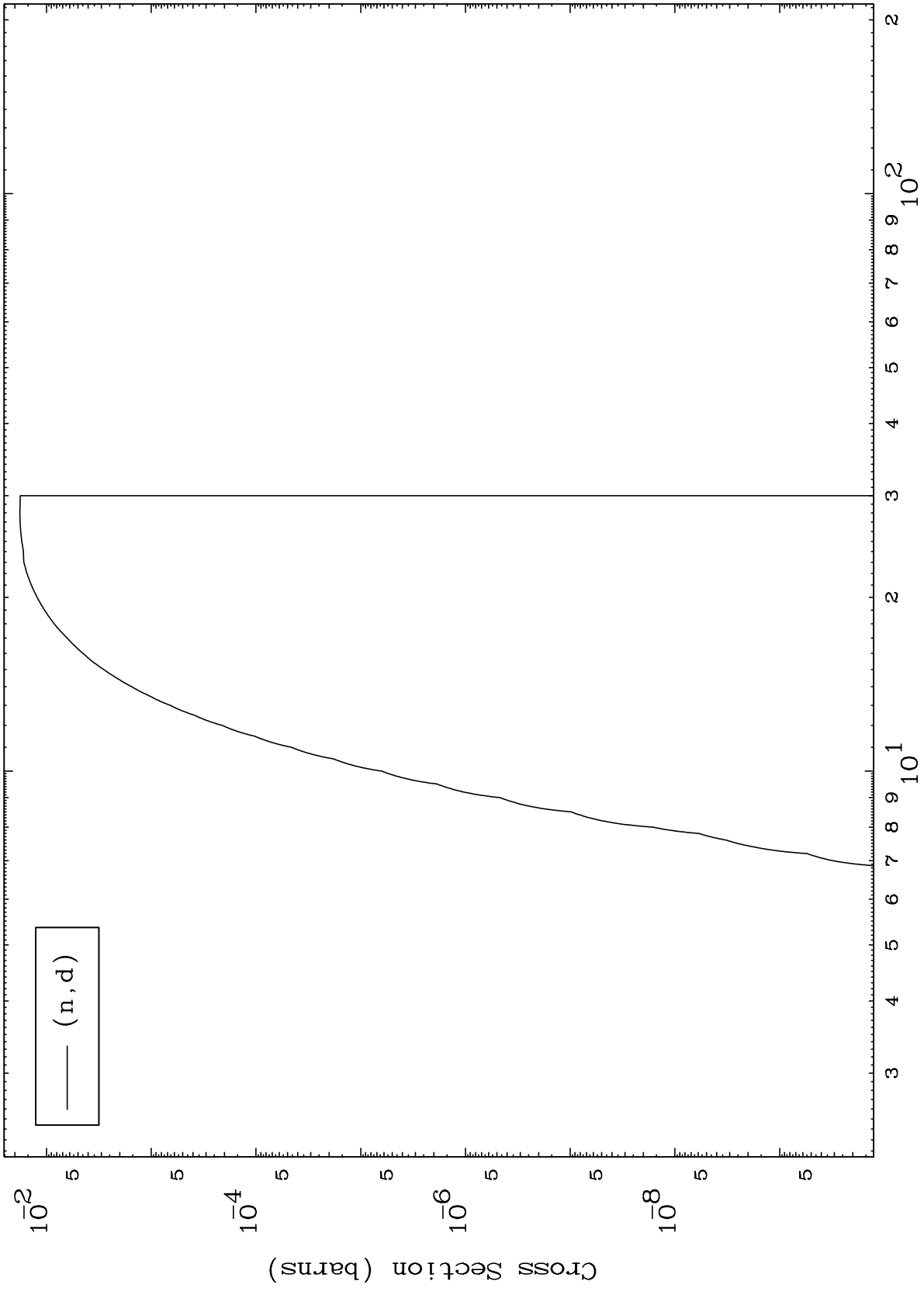
75-Re-182



MAT 7516

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-182

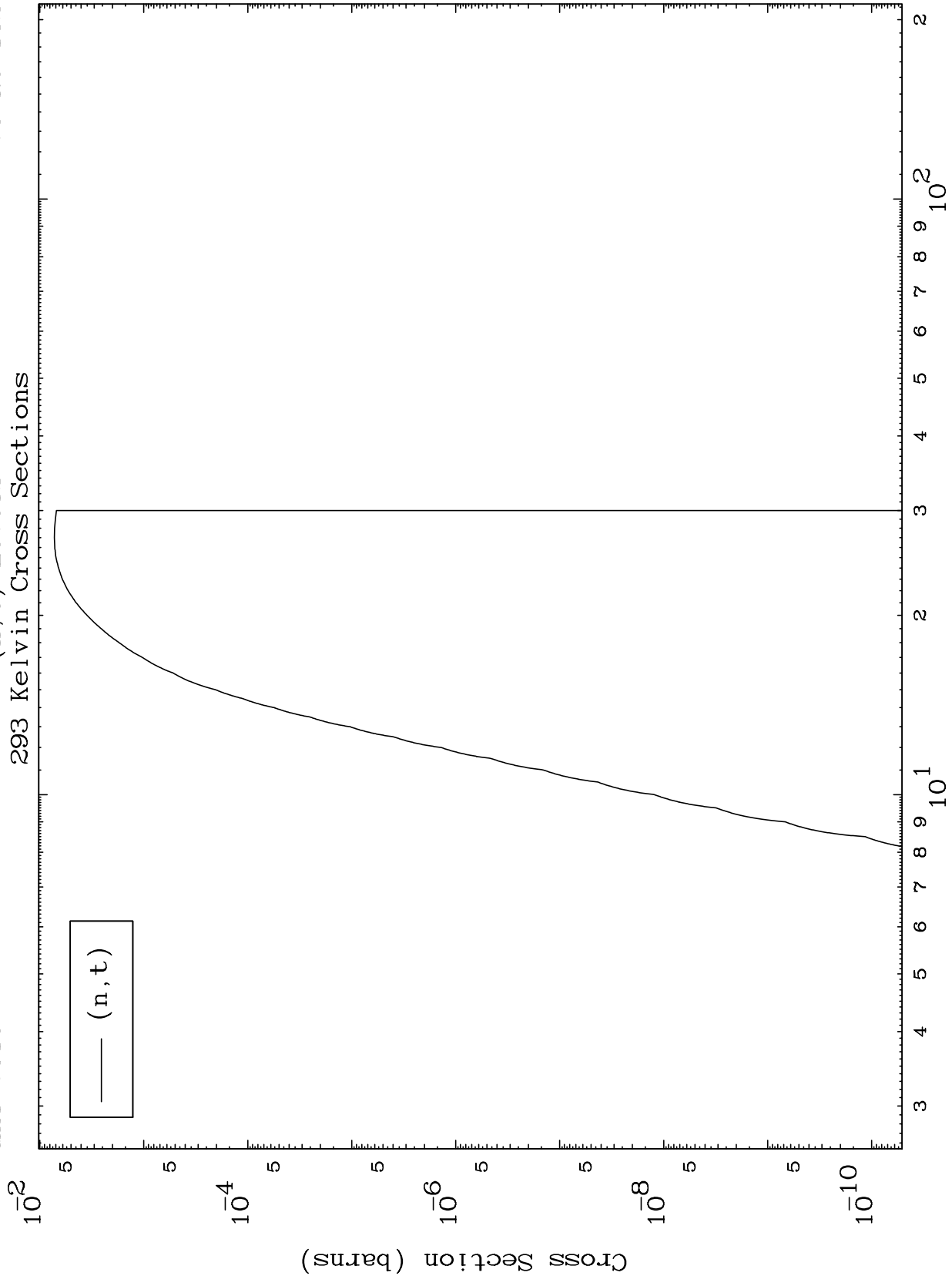


75-Re-182

MAT 7516

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-182



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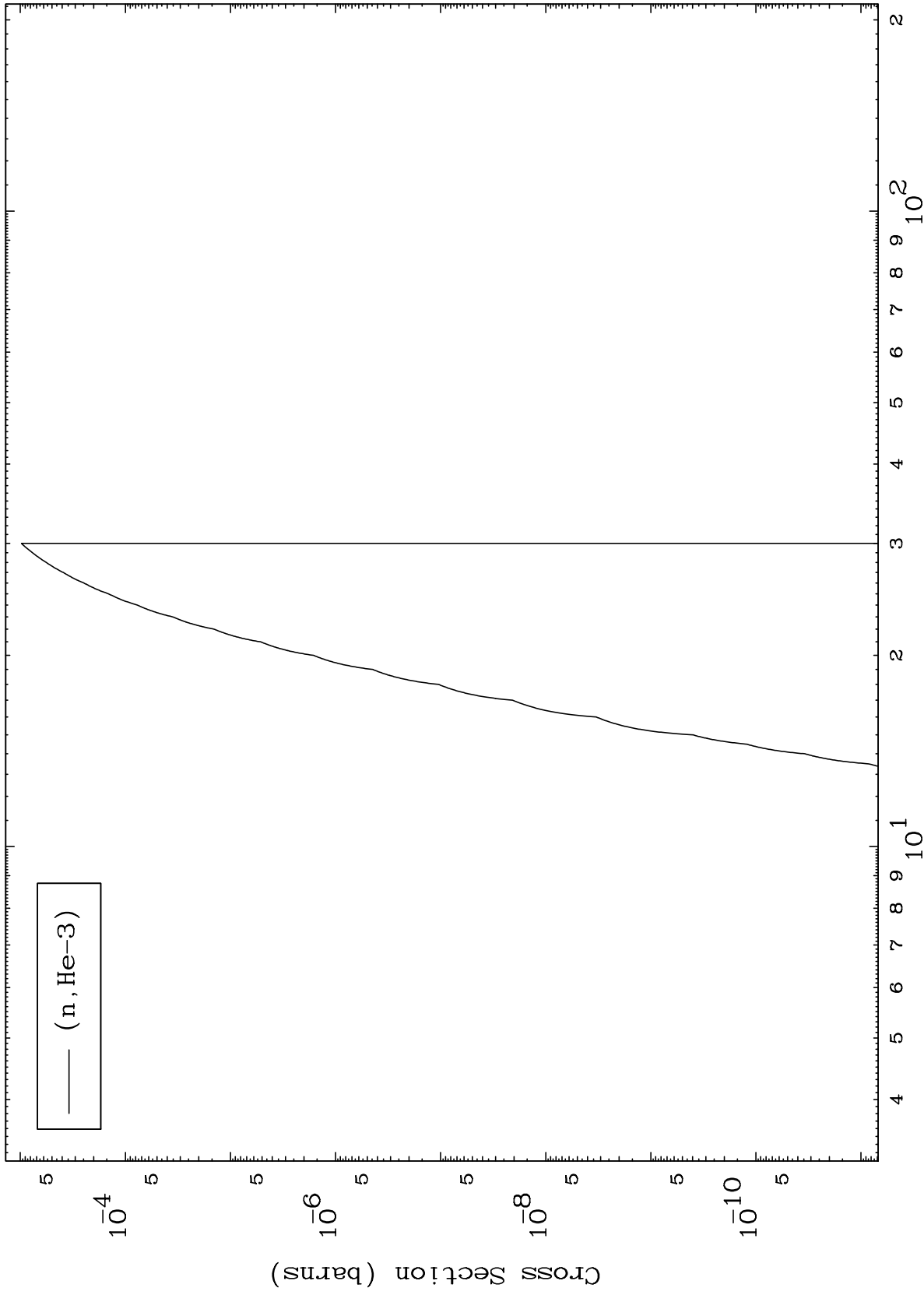
Incident Energy (MeV)

75-Re-182

MAT 7516

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-182



11

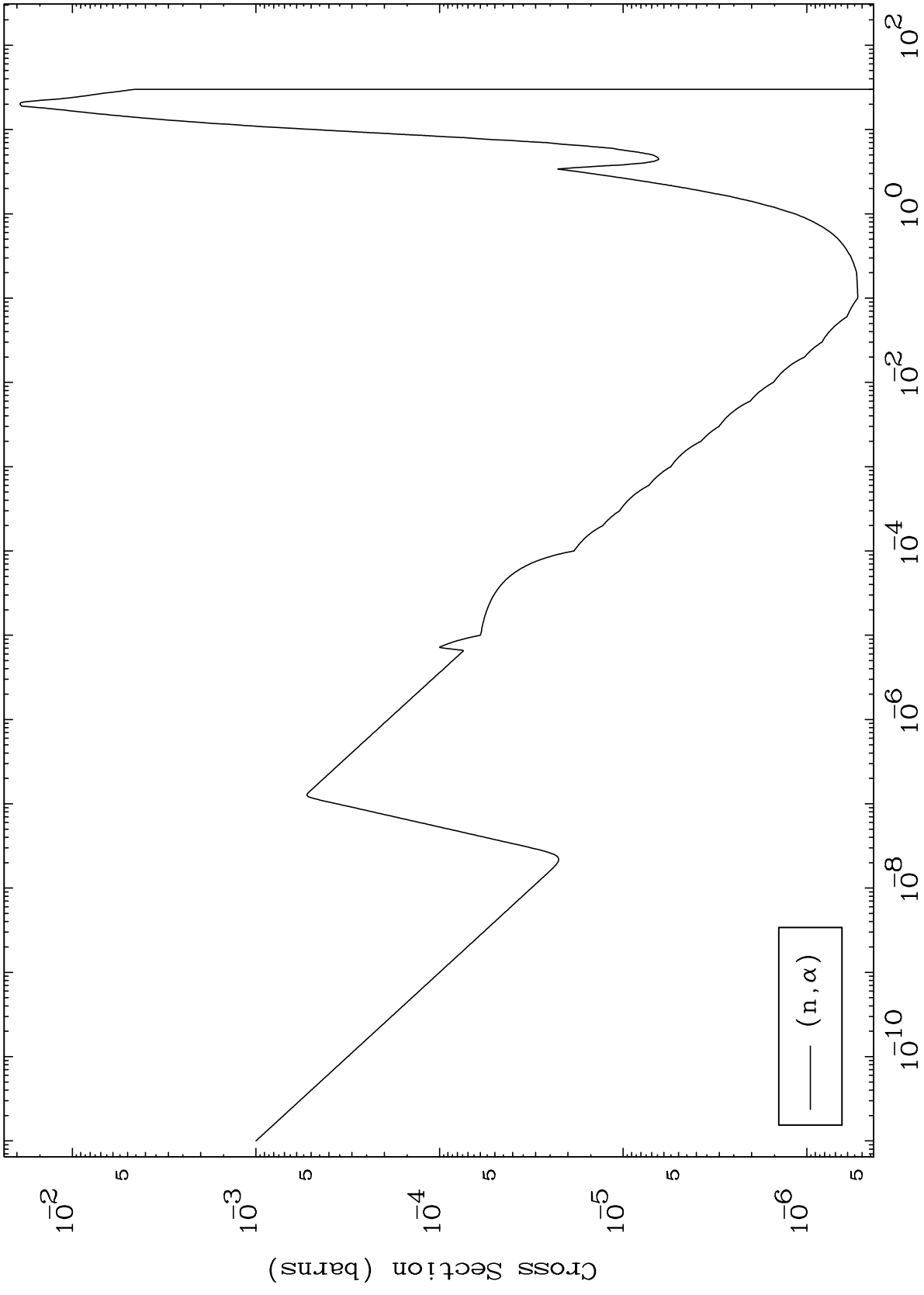
Incident Energy (MeV)

75-Re-182

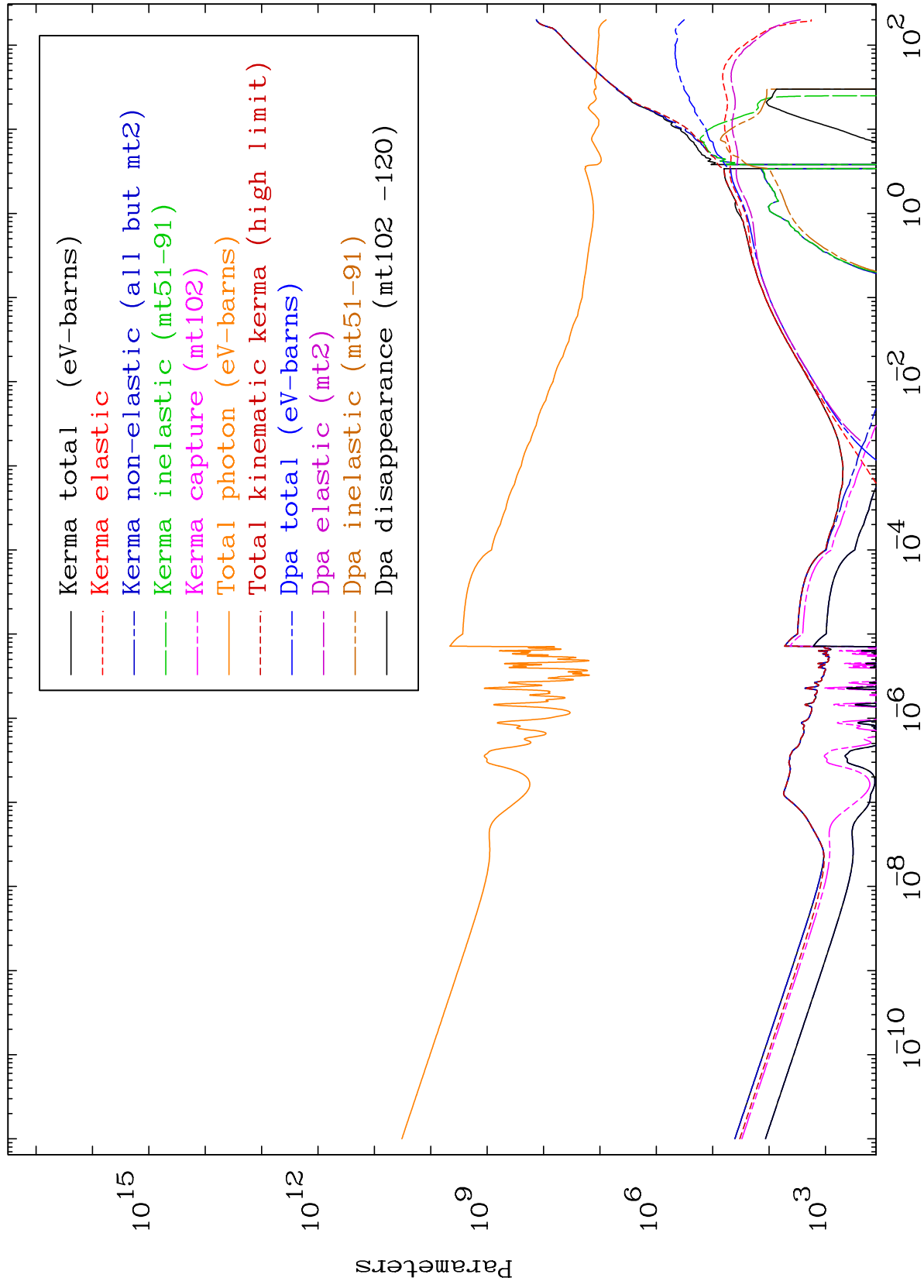
MAT 7516

(n,α) Levels  
293 Kelvin Cross Sections

75-Re-182



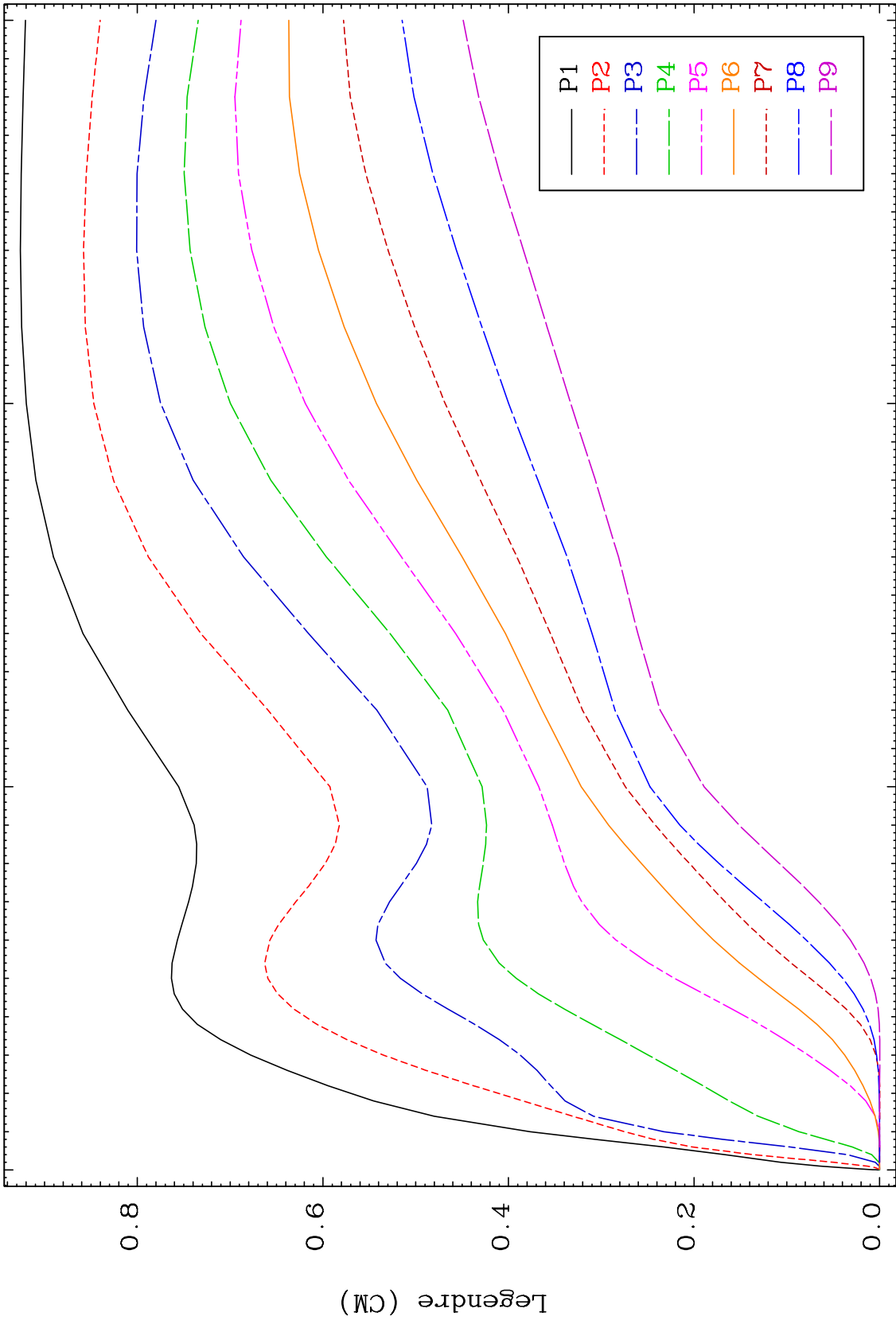
— (n,α)



MAT 7516

Elastic Legendre Coefficients

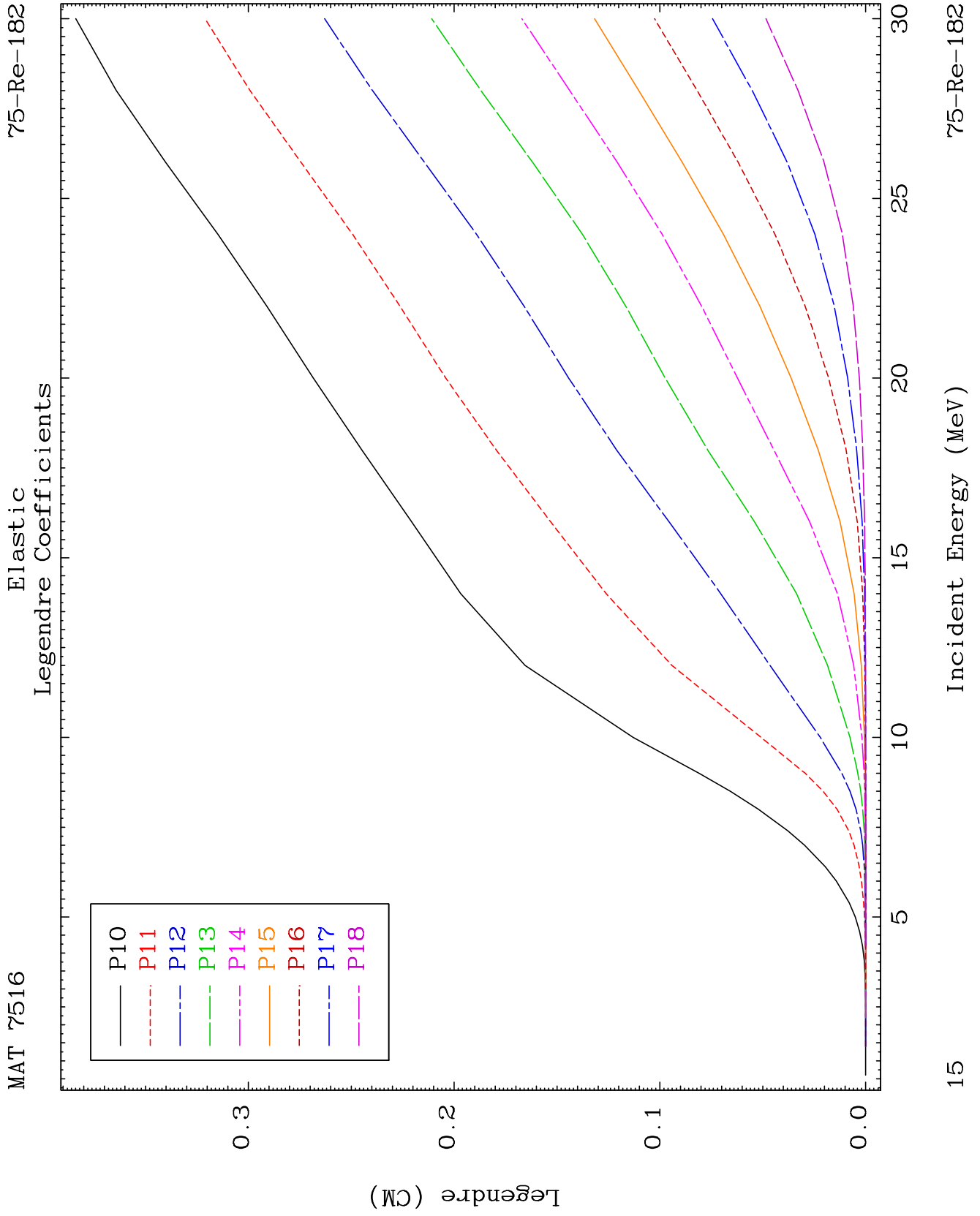
75-Re-182



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Incident Energy (MeV)

75-Re-182

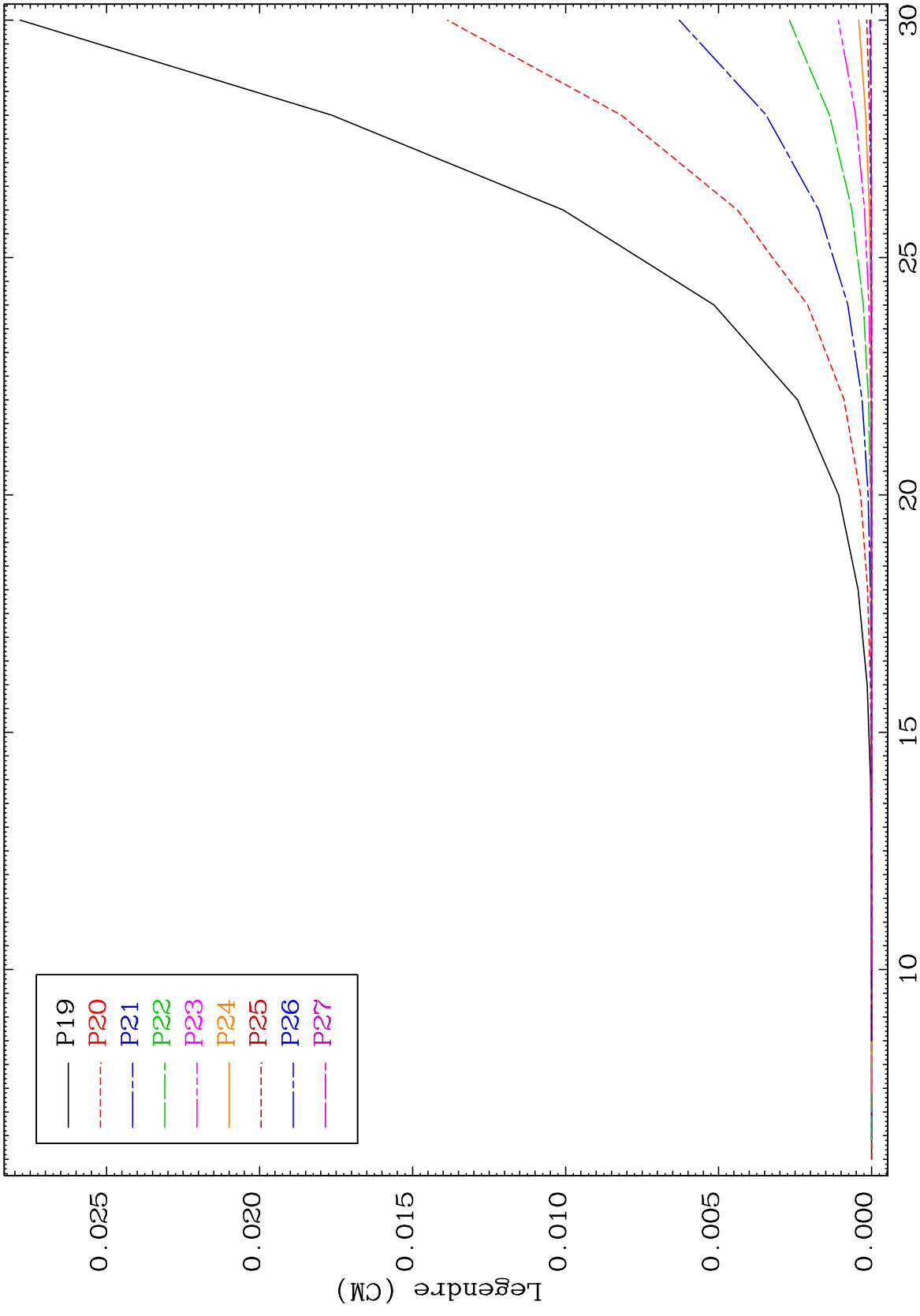




MAT 7516

Elastic Legendre Coefficients

75-Re-182



16

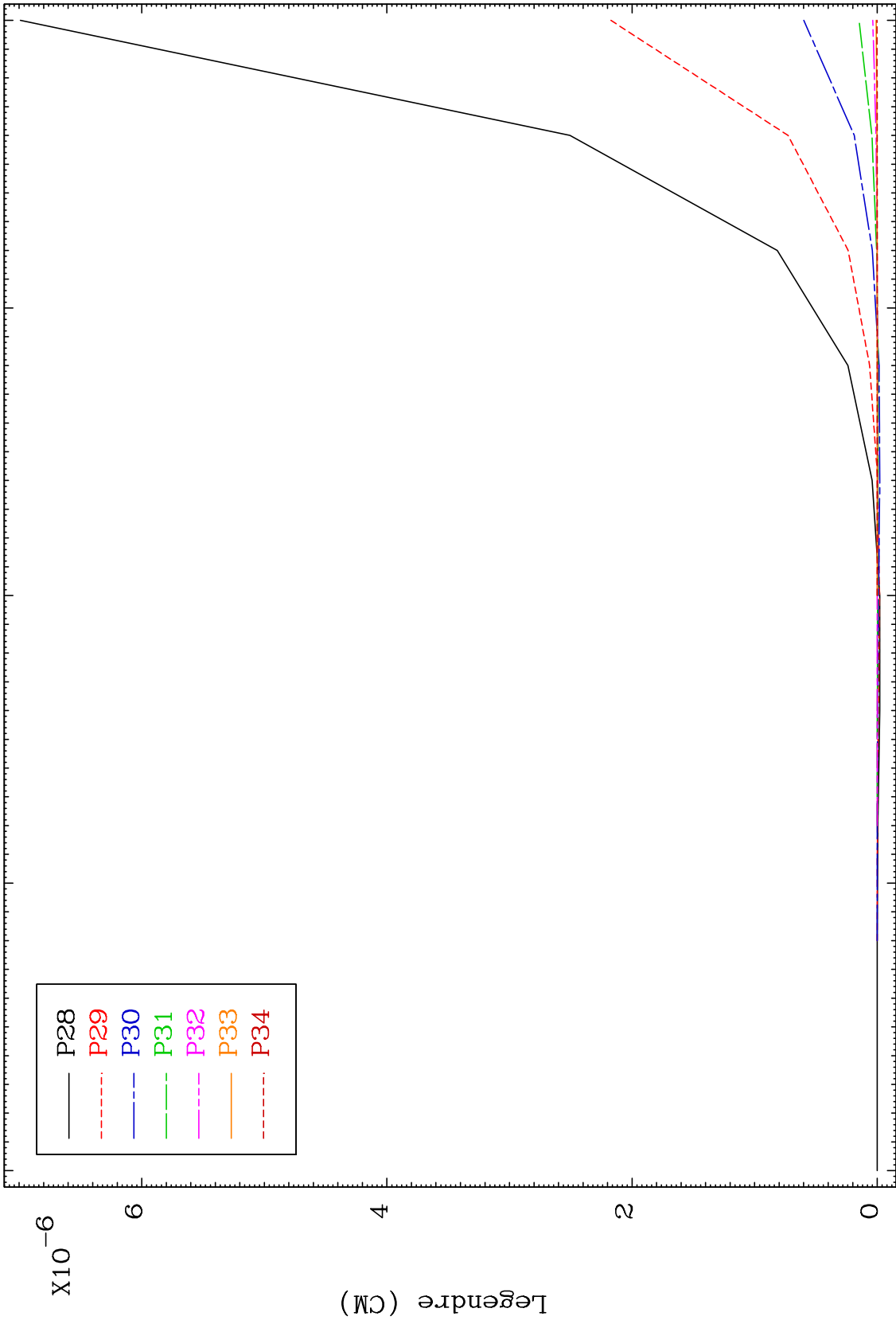
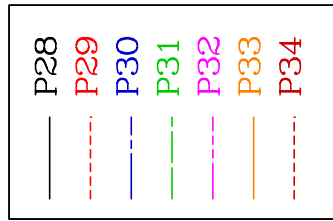
Incident Energy (MeV)

75-Re-182

MAT 7516

Elastic Legendre Coefficients

75-Re-182



17

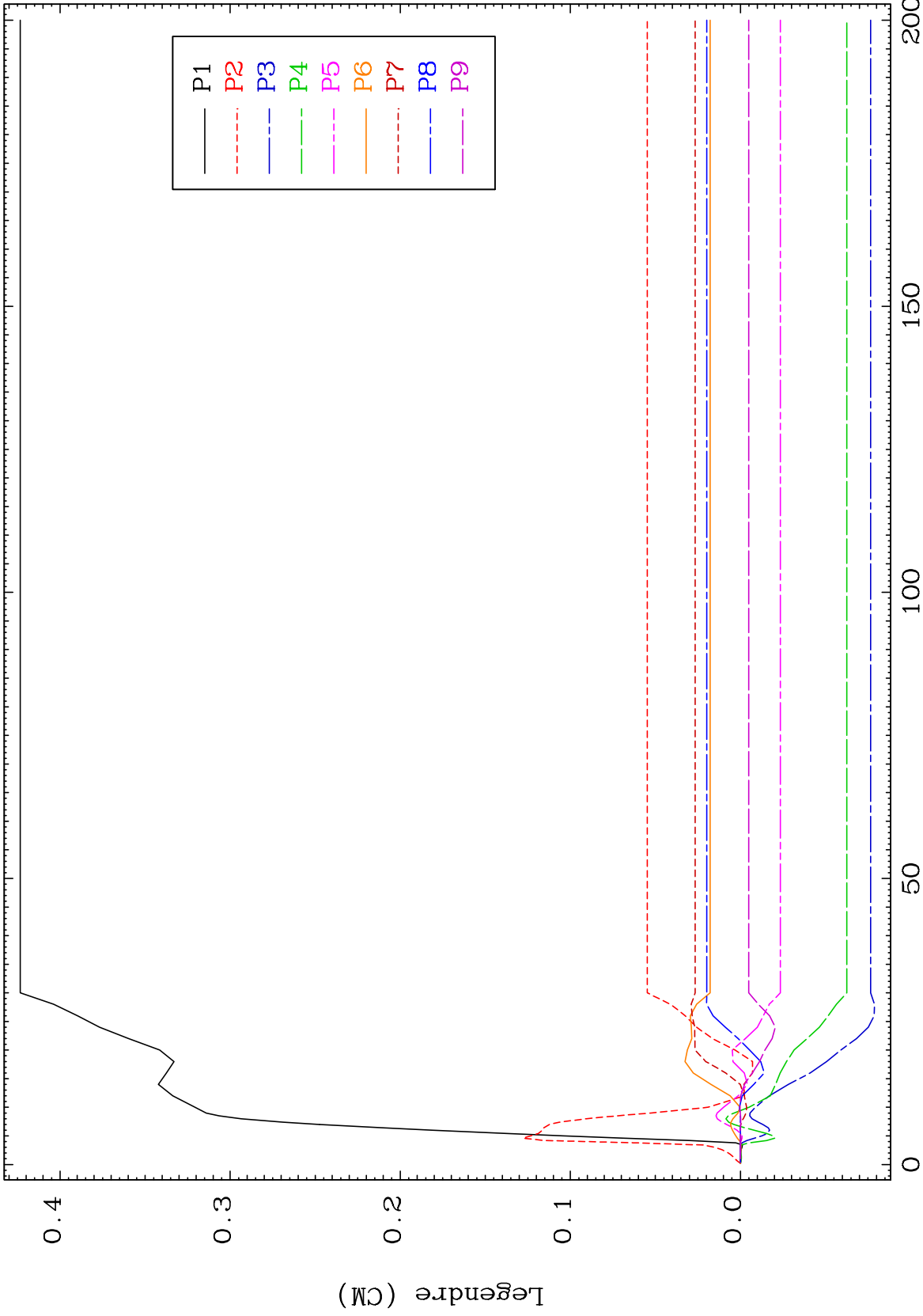
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



18

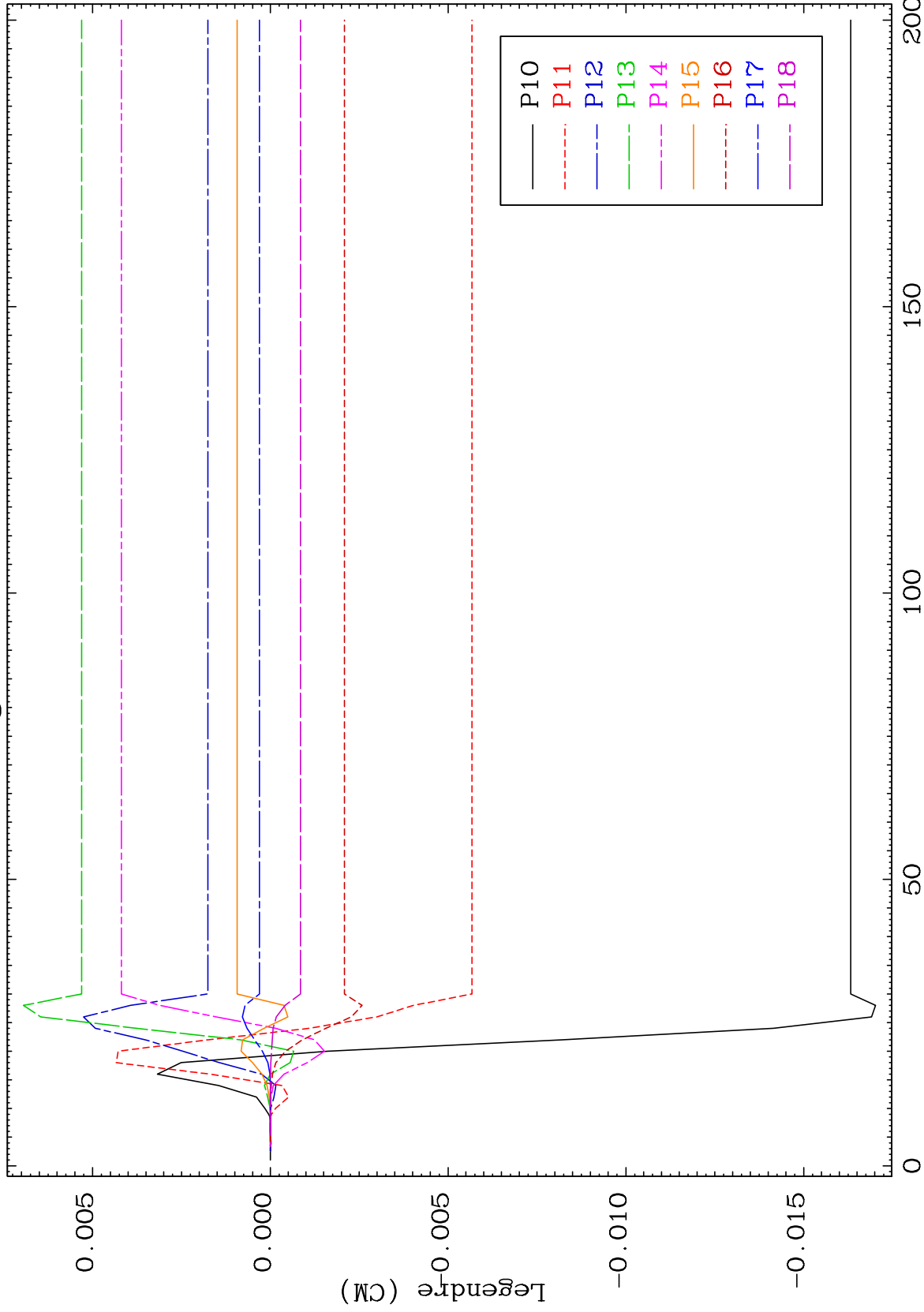
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



19

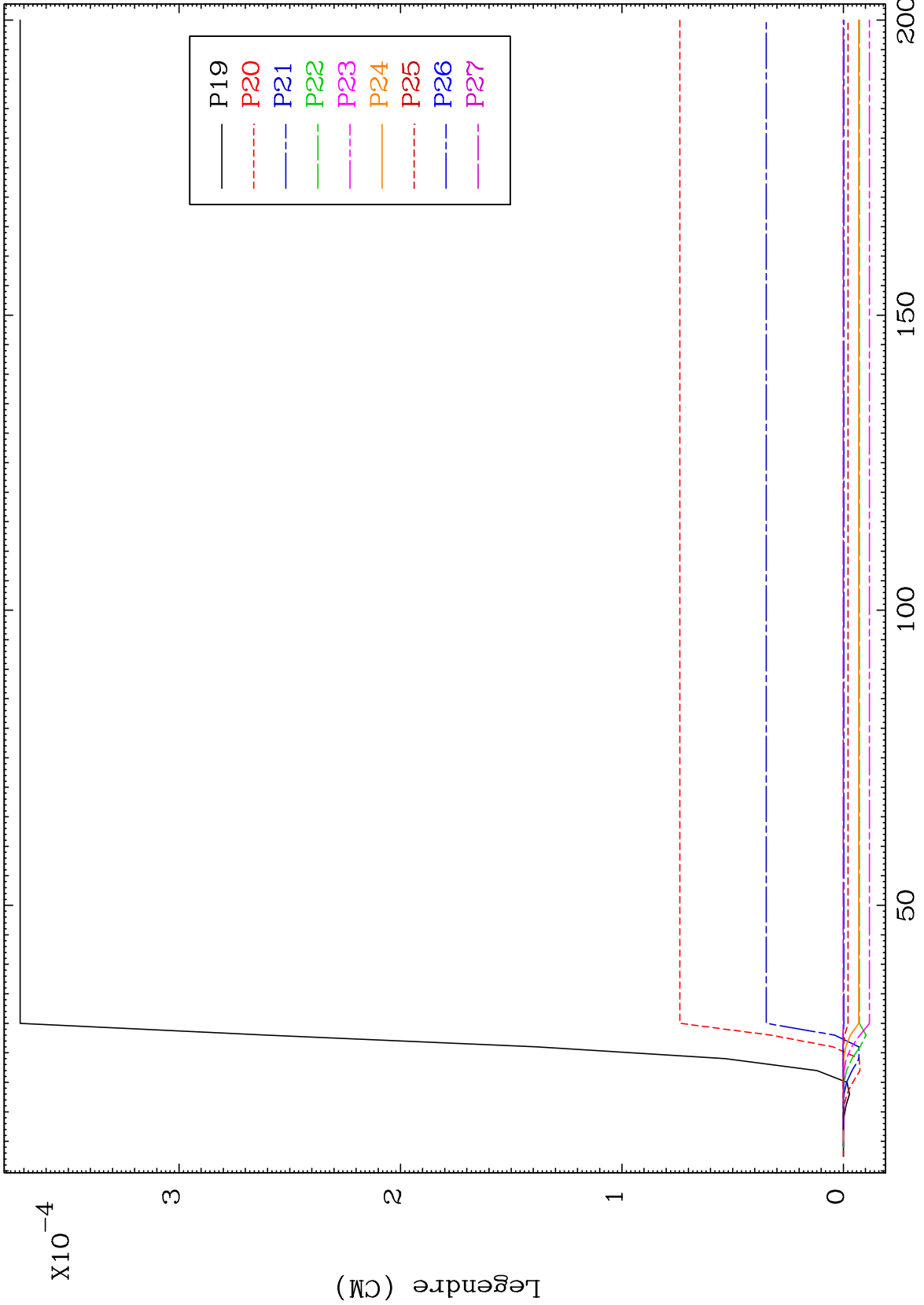
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



20

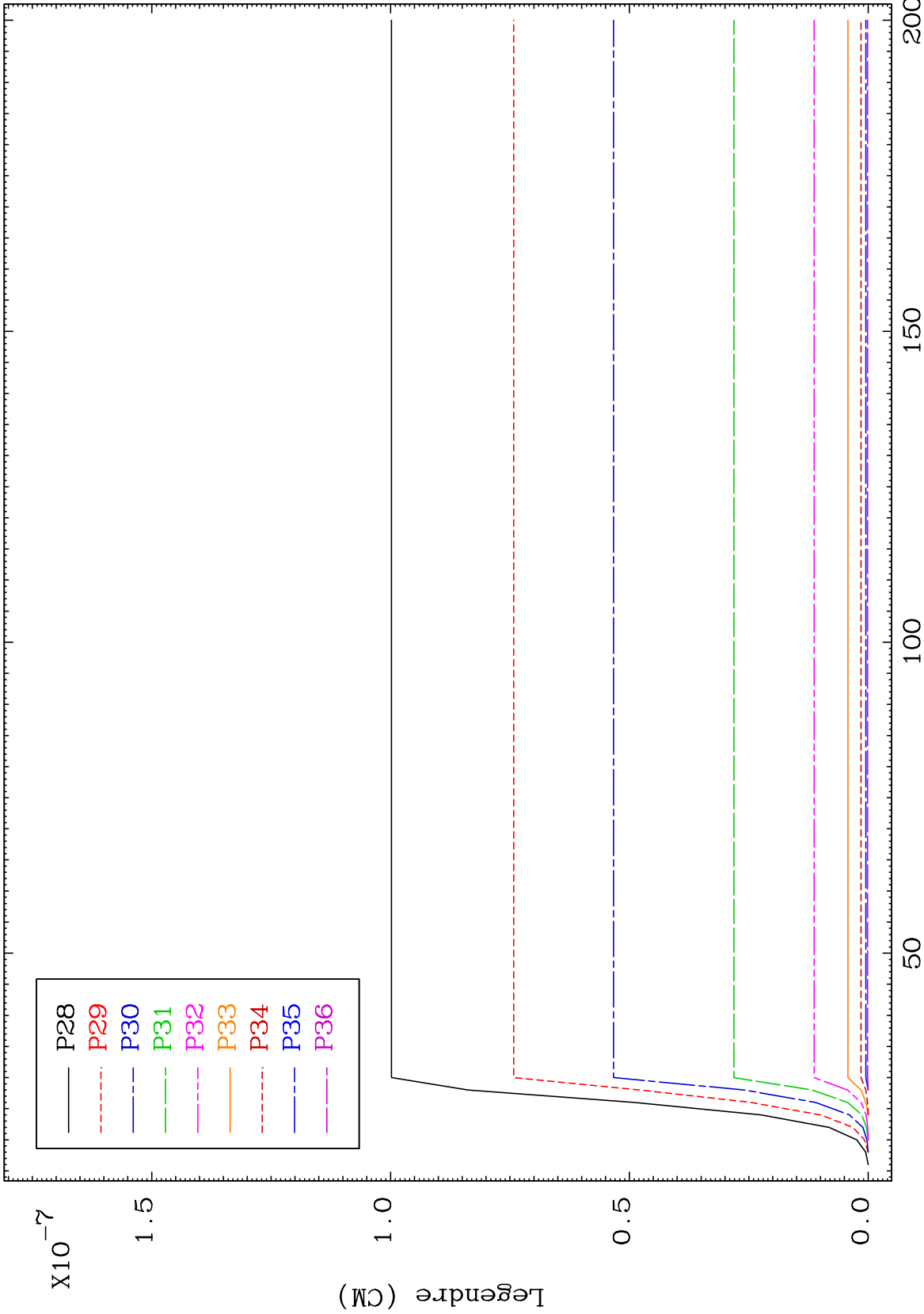
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



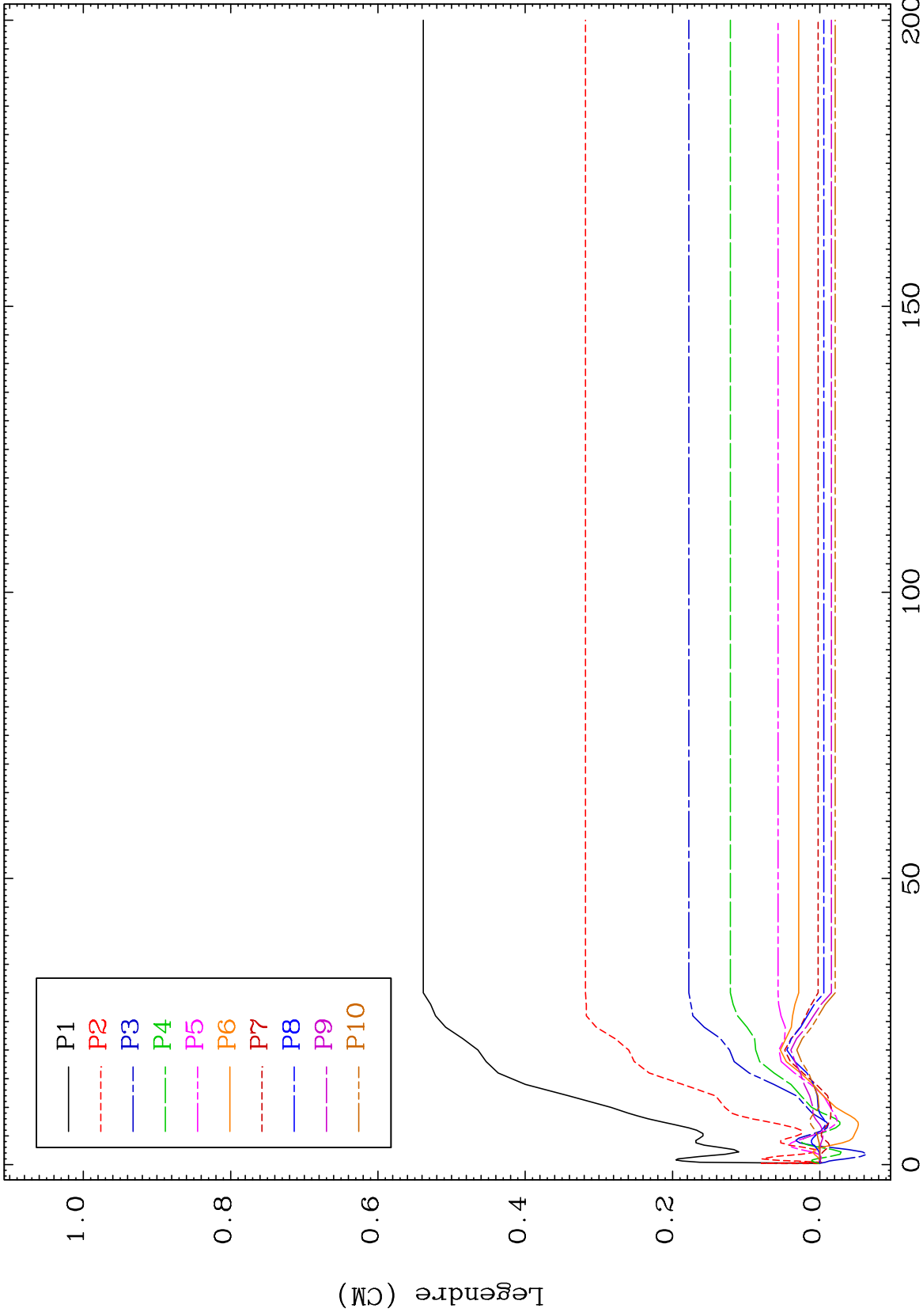
21

75-Re-182

MAT 7516

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

75-Re-182



22

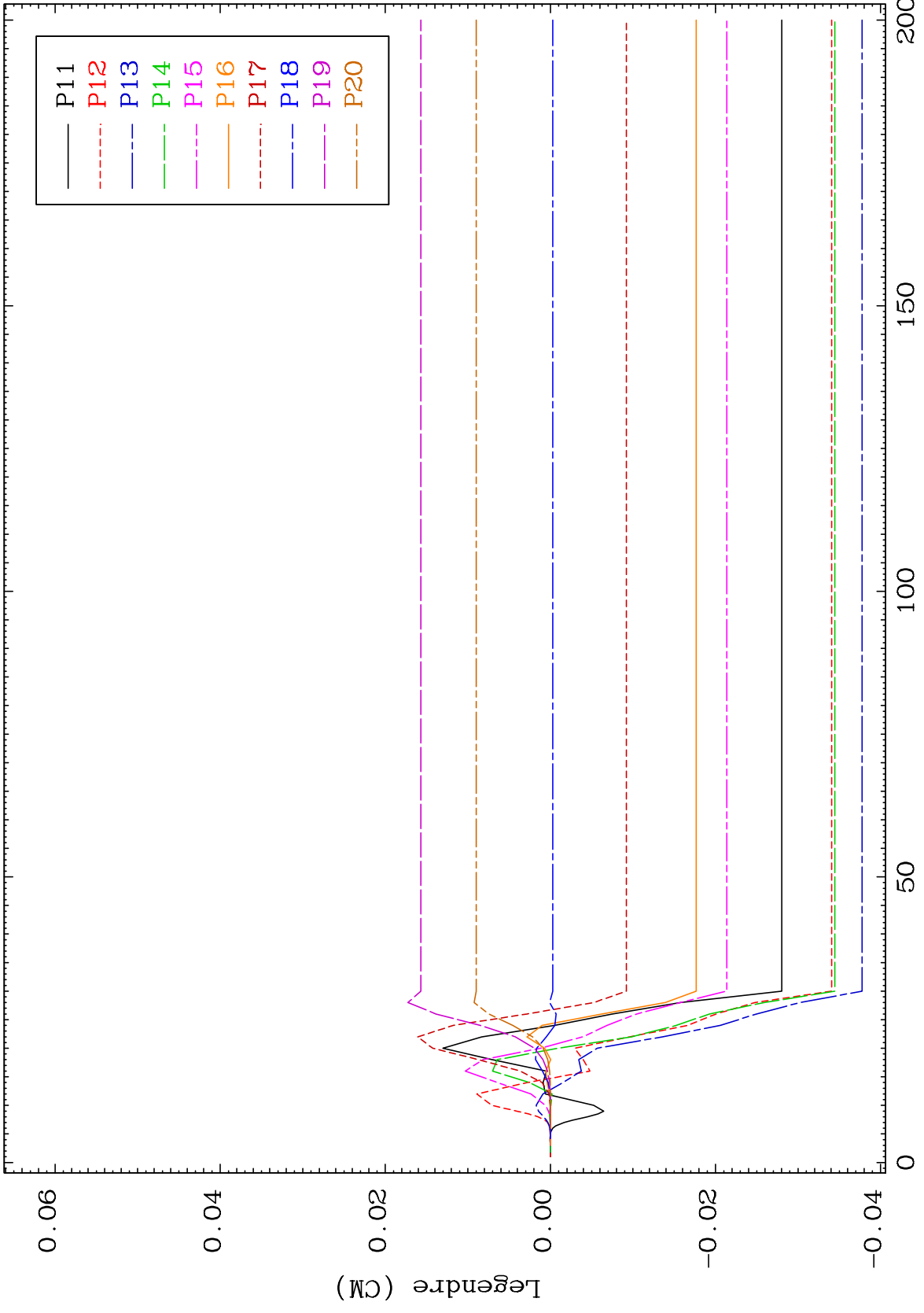
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



23

Incident Energy (MeV)

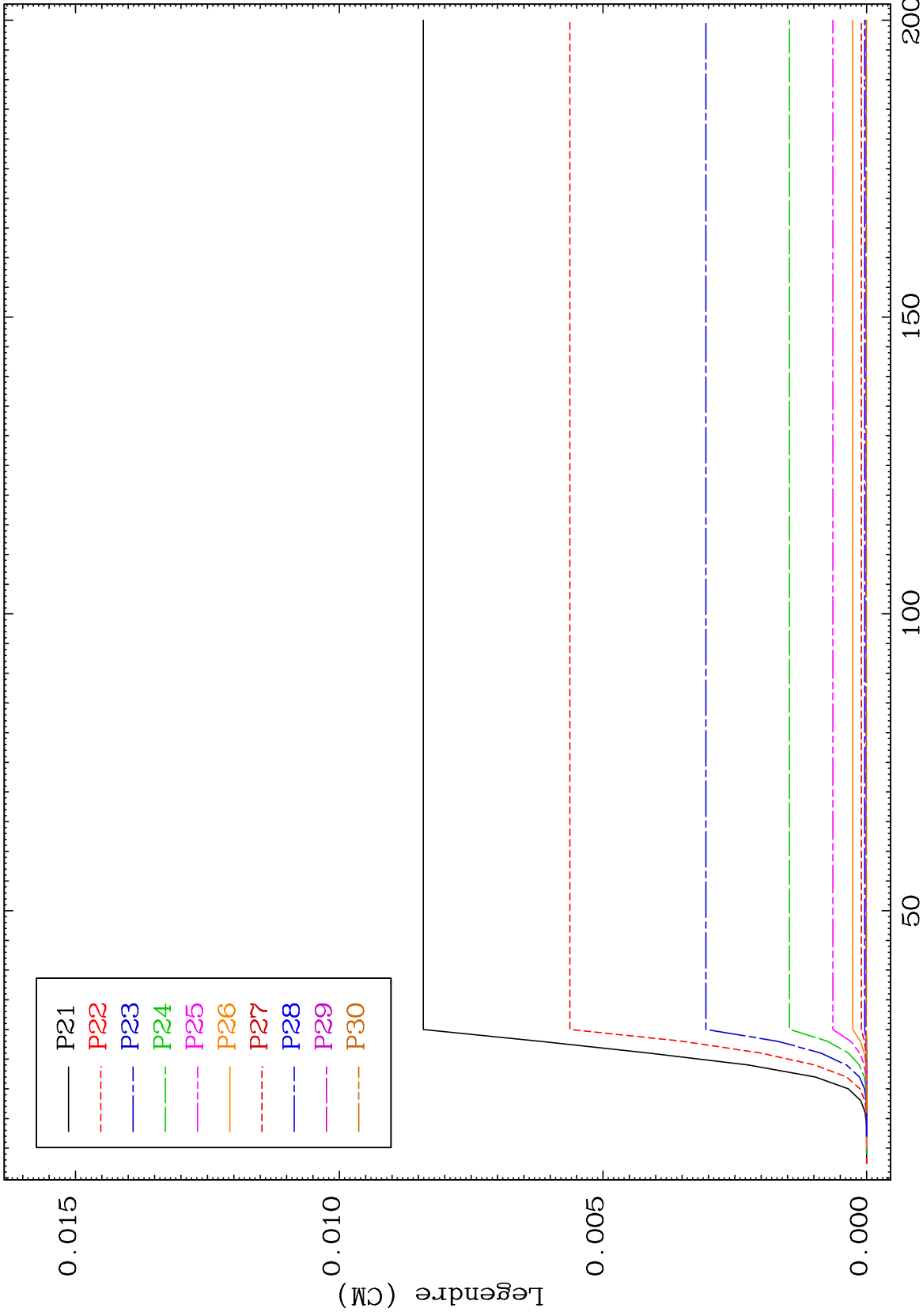
75-Re-182



MAT 7516

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

75-Re-182



24

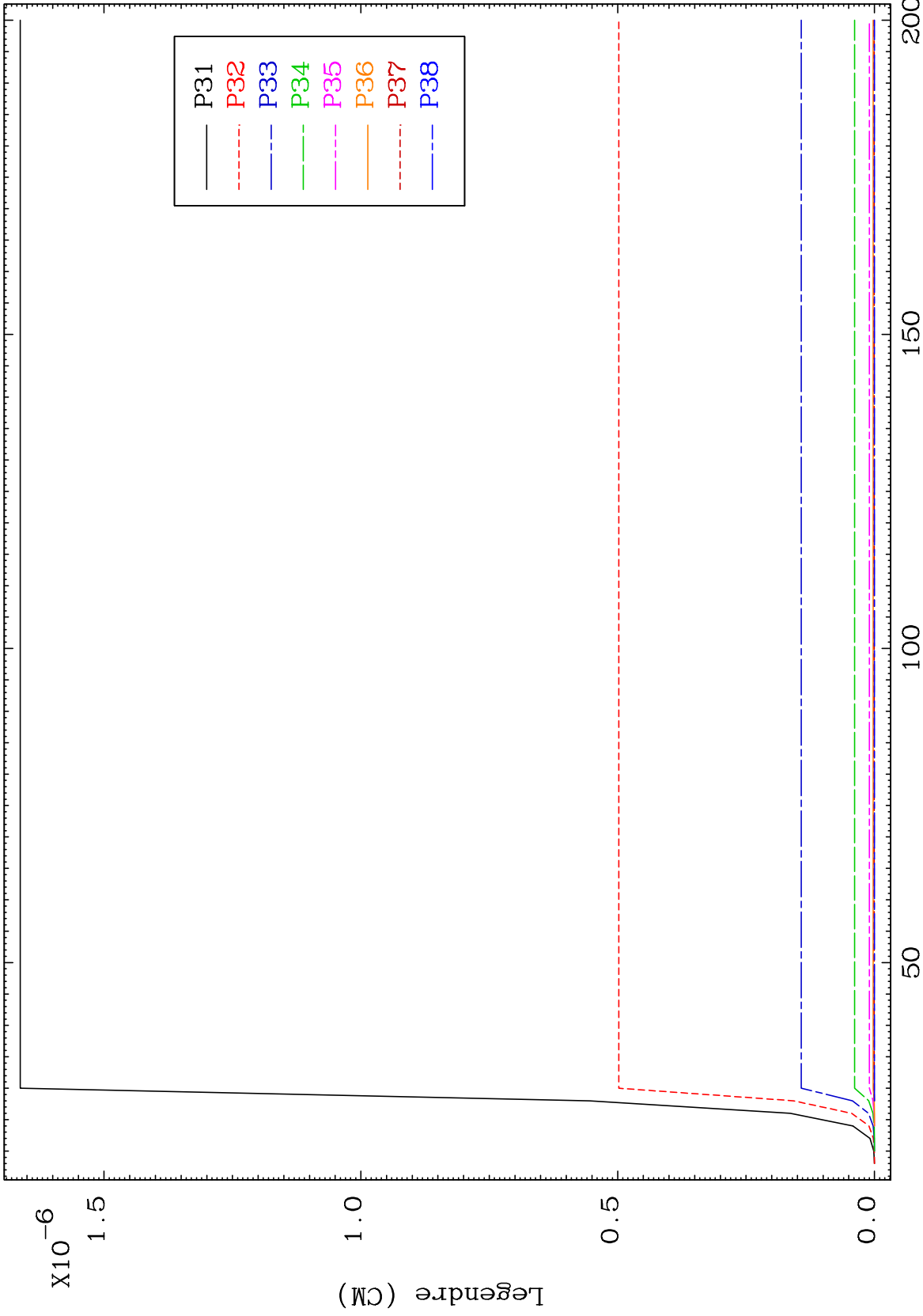
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182

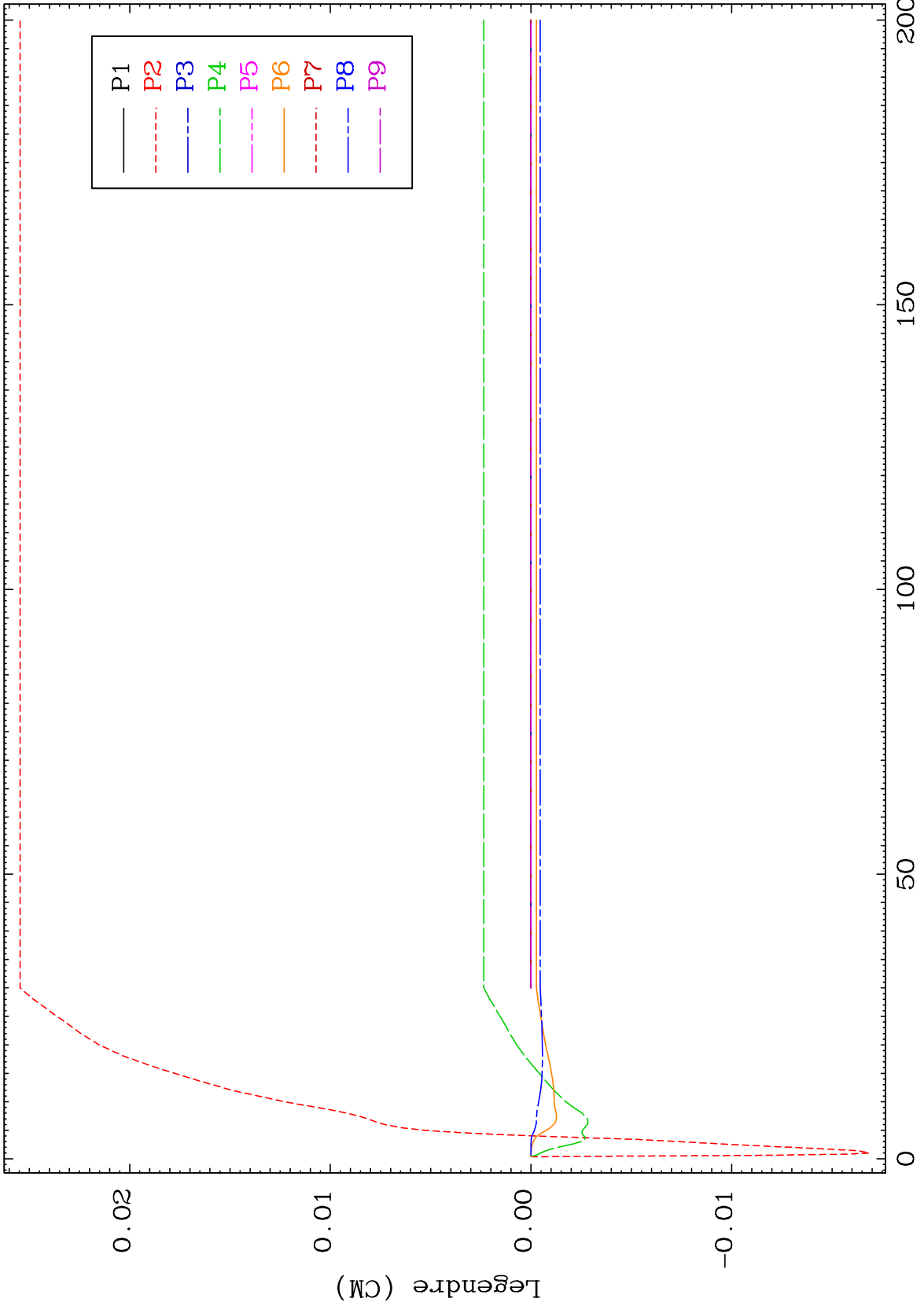


25

Incident Energy (MeV)

75-Re-182

MAT 7516 MT= 53 (n,n') Level Legendre Coefficients 75-Re-182

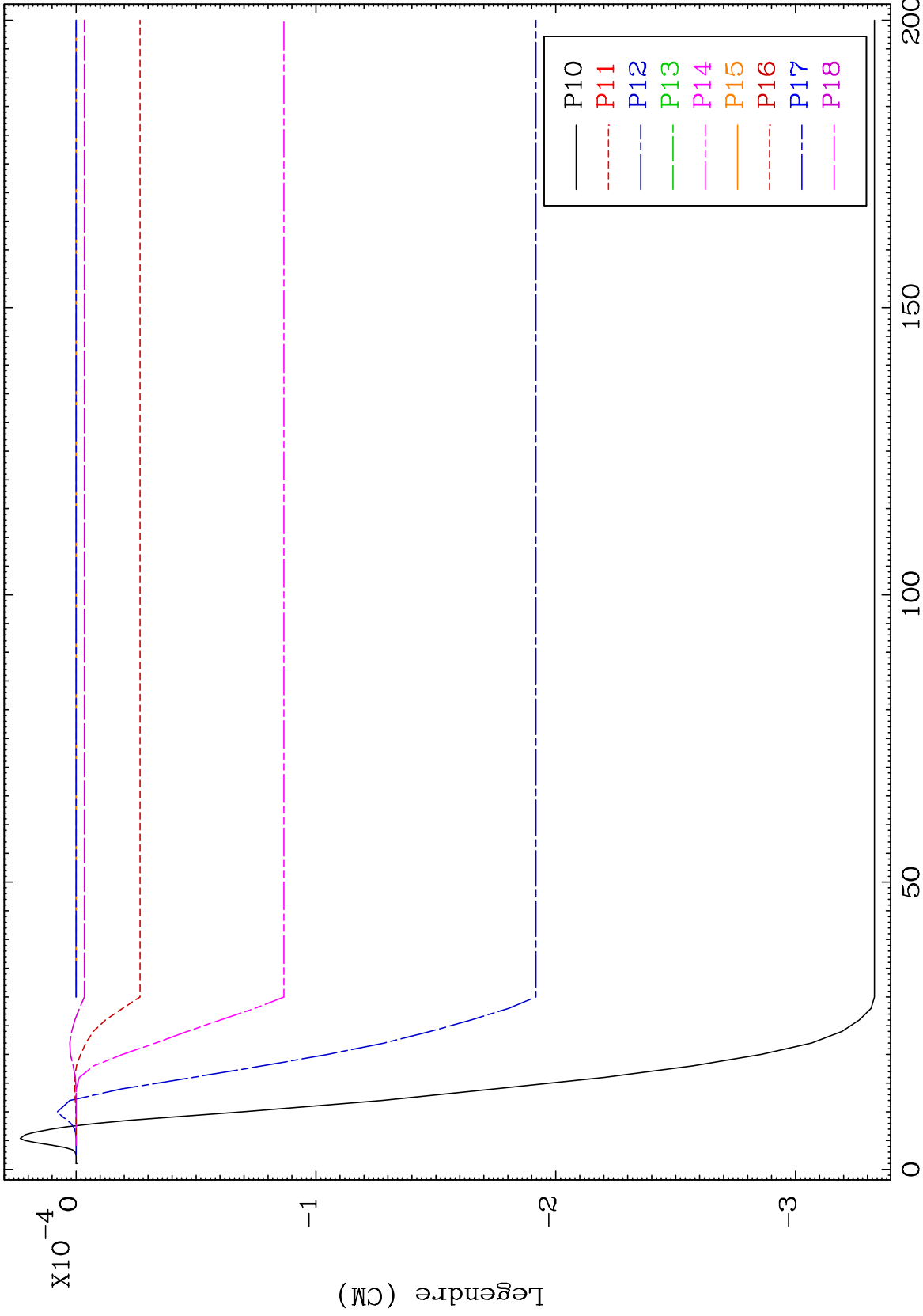


26 Incident Energy (MeV) 75-Re-182

MAT 7516

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

75-Re-182

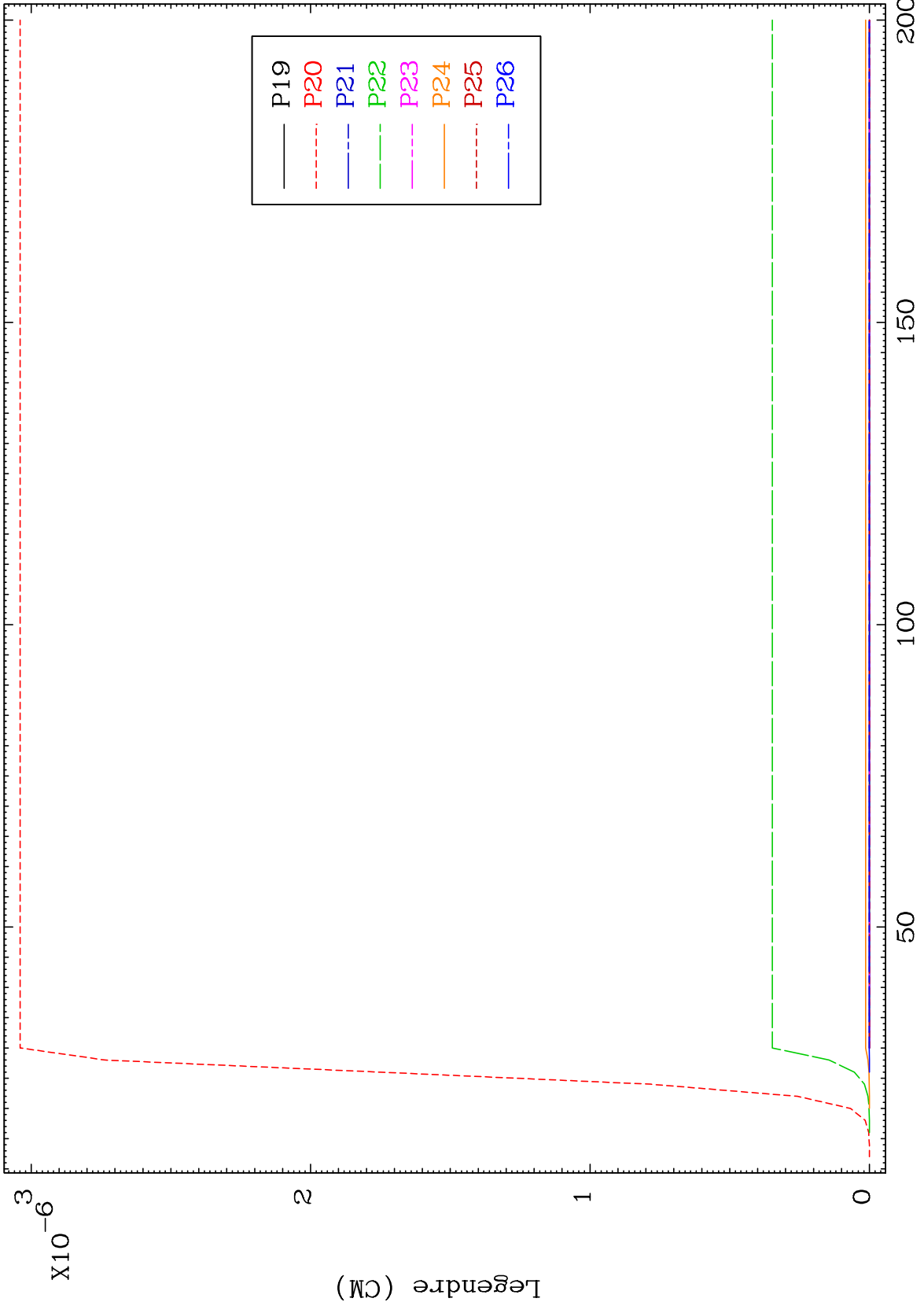


27

Incident Energy (MeV)

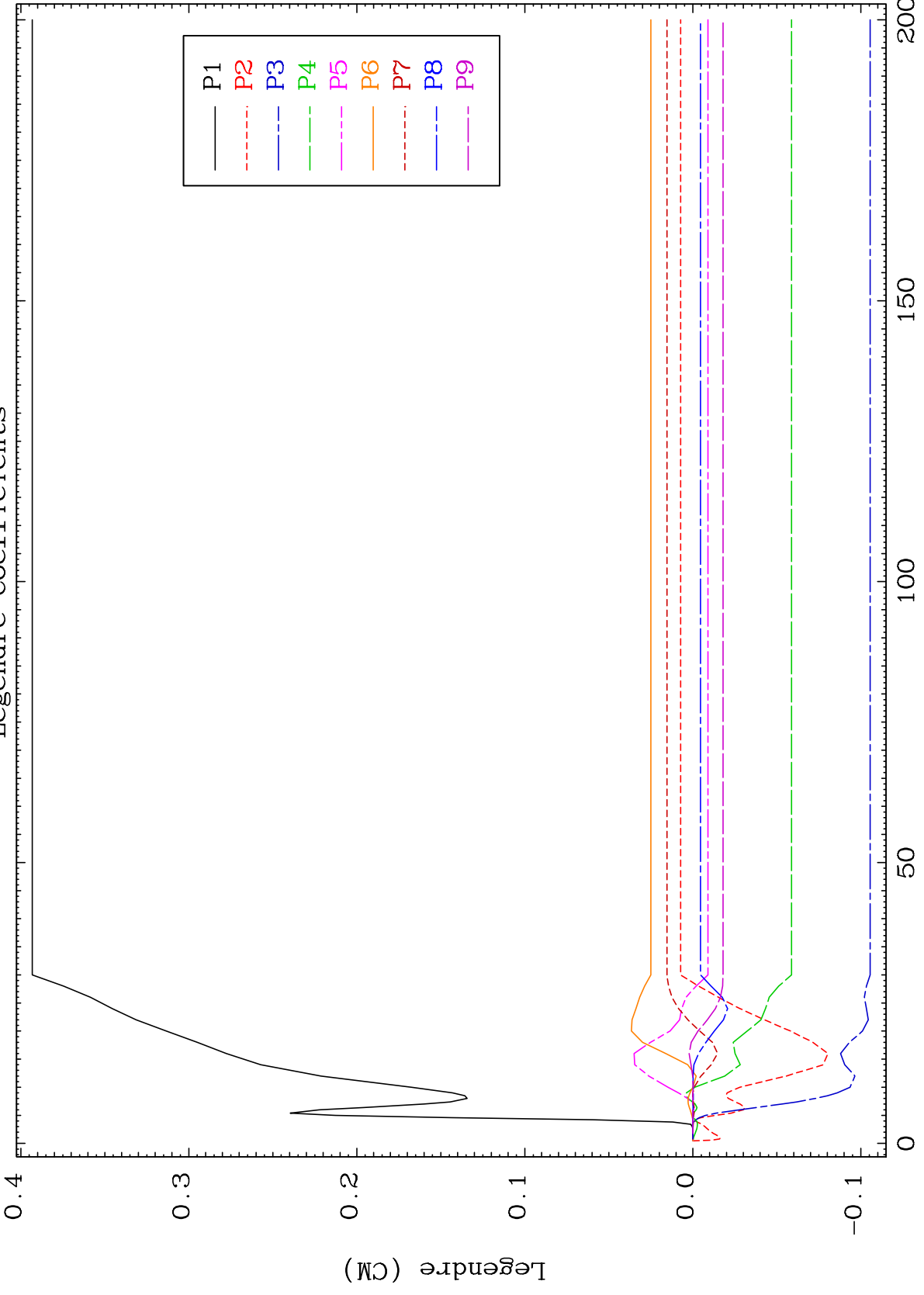
75-Re-182

MAT 7516 MT= 53 (n,n') Level Legendre Coefficients 75-Re-182

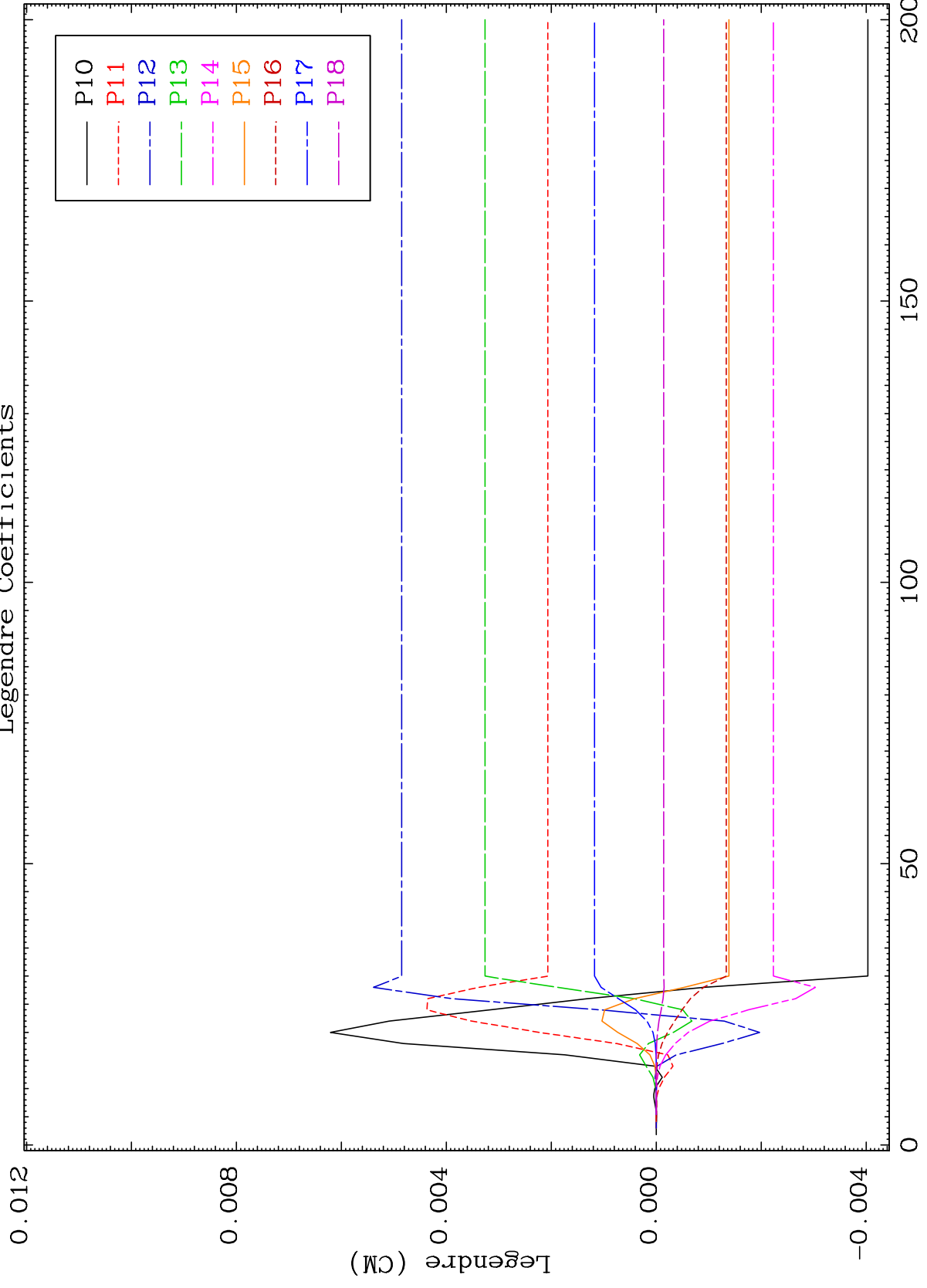


75-Re-182

MAT 7516 MT= 54 (n,n') Level Legendre Coefficients 75-Re-182



MAT 7516 MT= 54 (n,n') Level Legendre Coefficients 75-Re-182

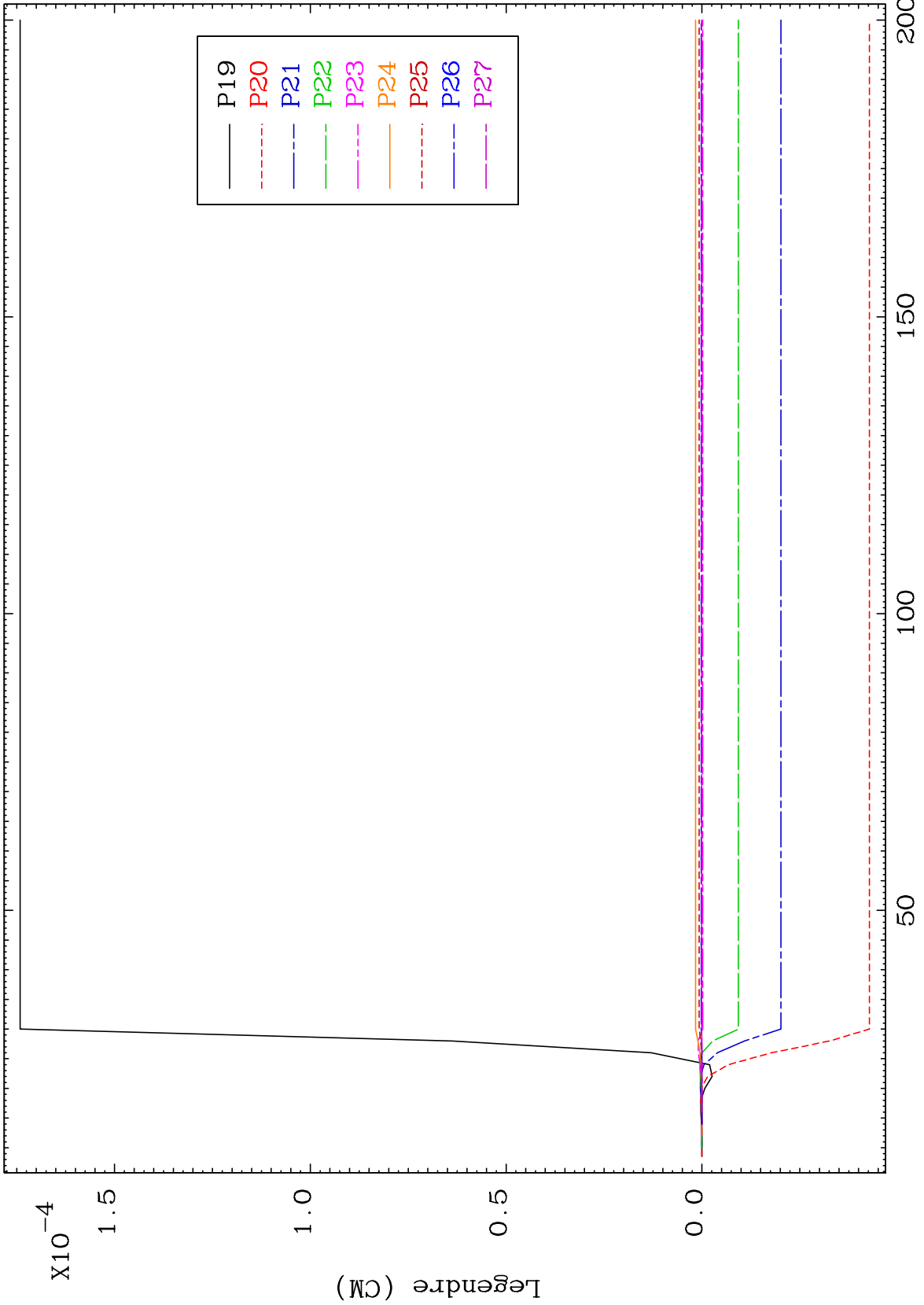


75-Re-182

MAT 7516

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

75-Re-182



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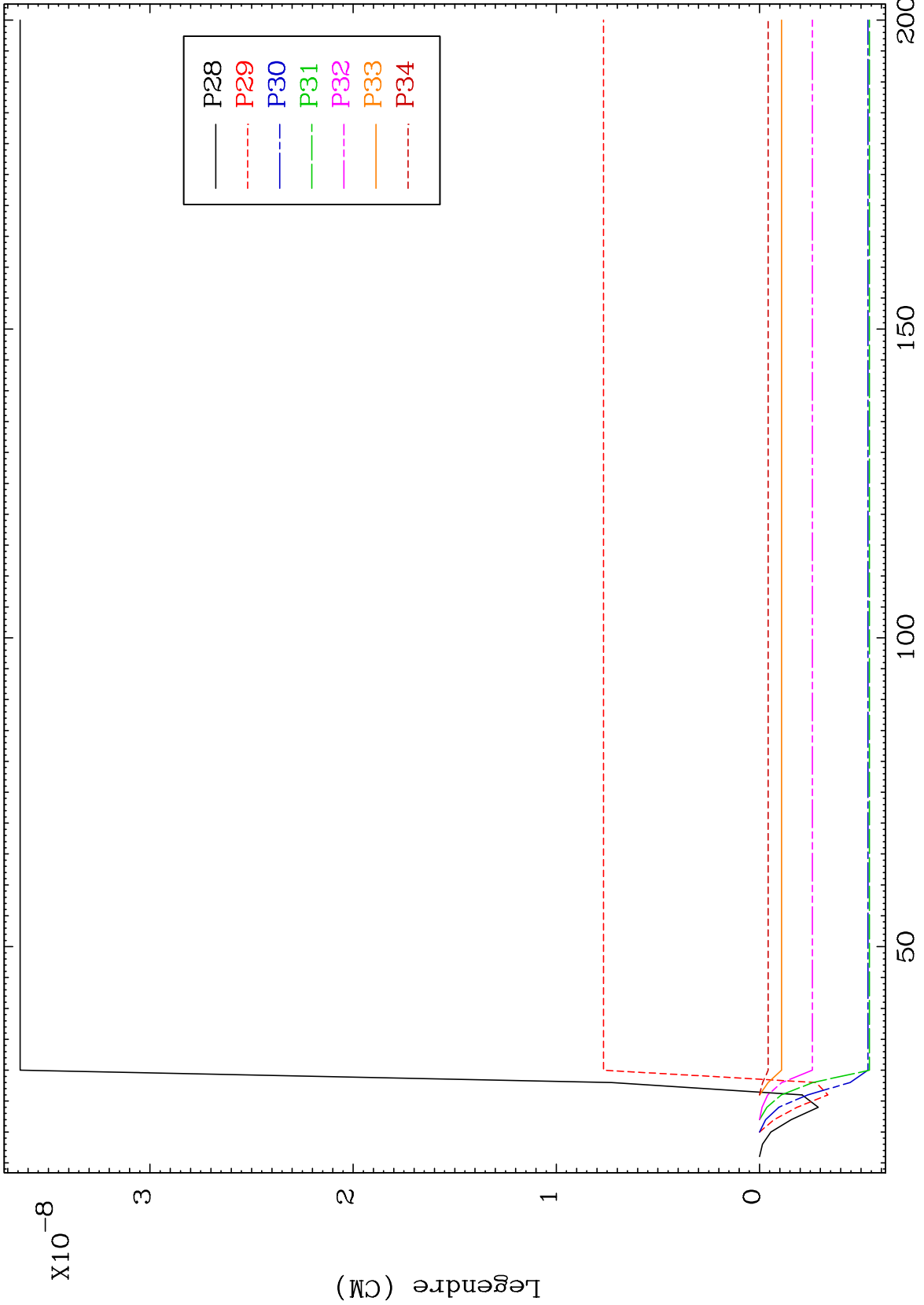
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MAT 7516

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

75-Re-182



32

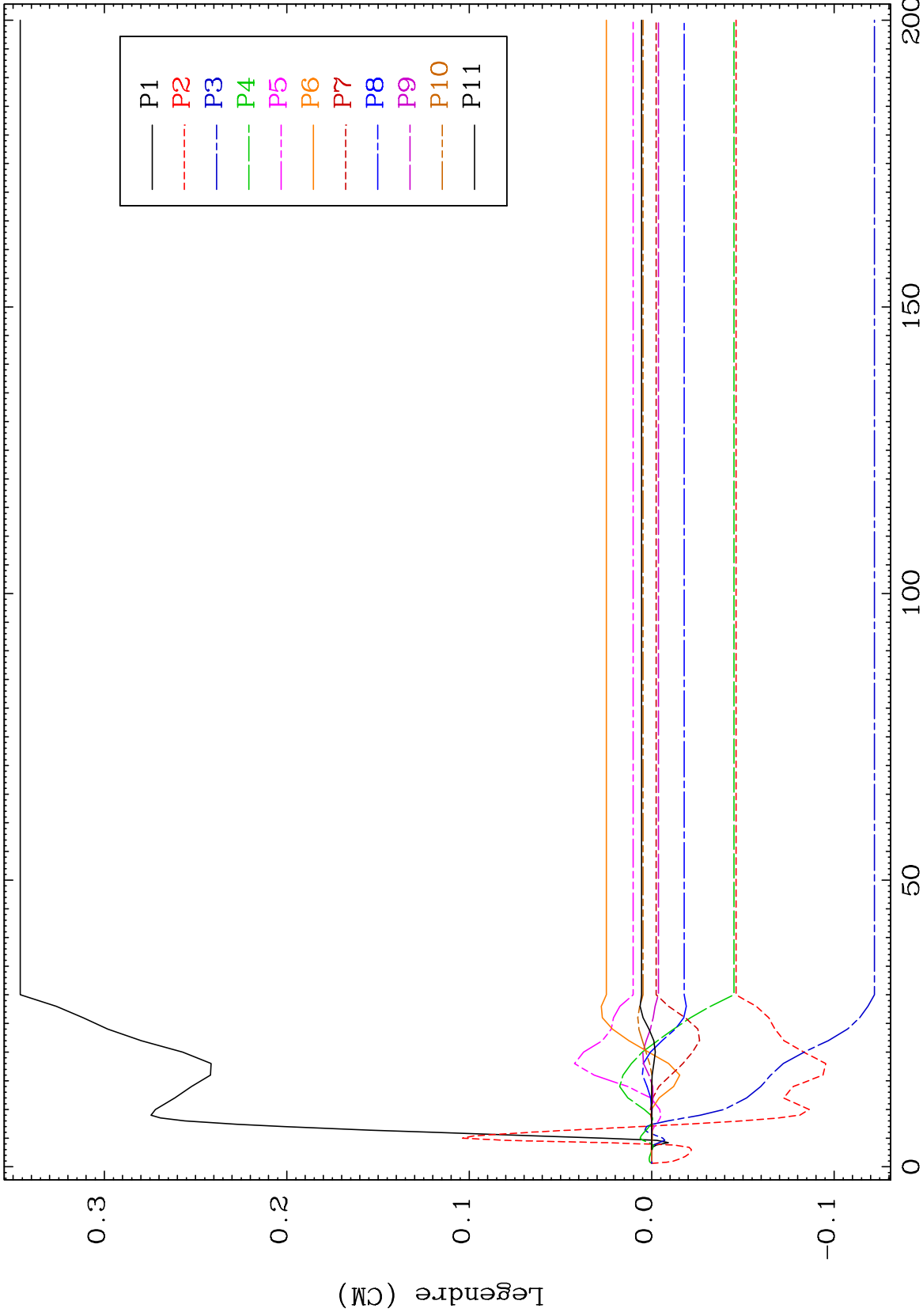
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



33

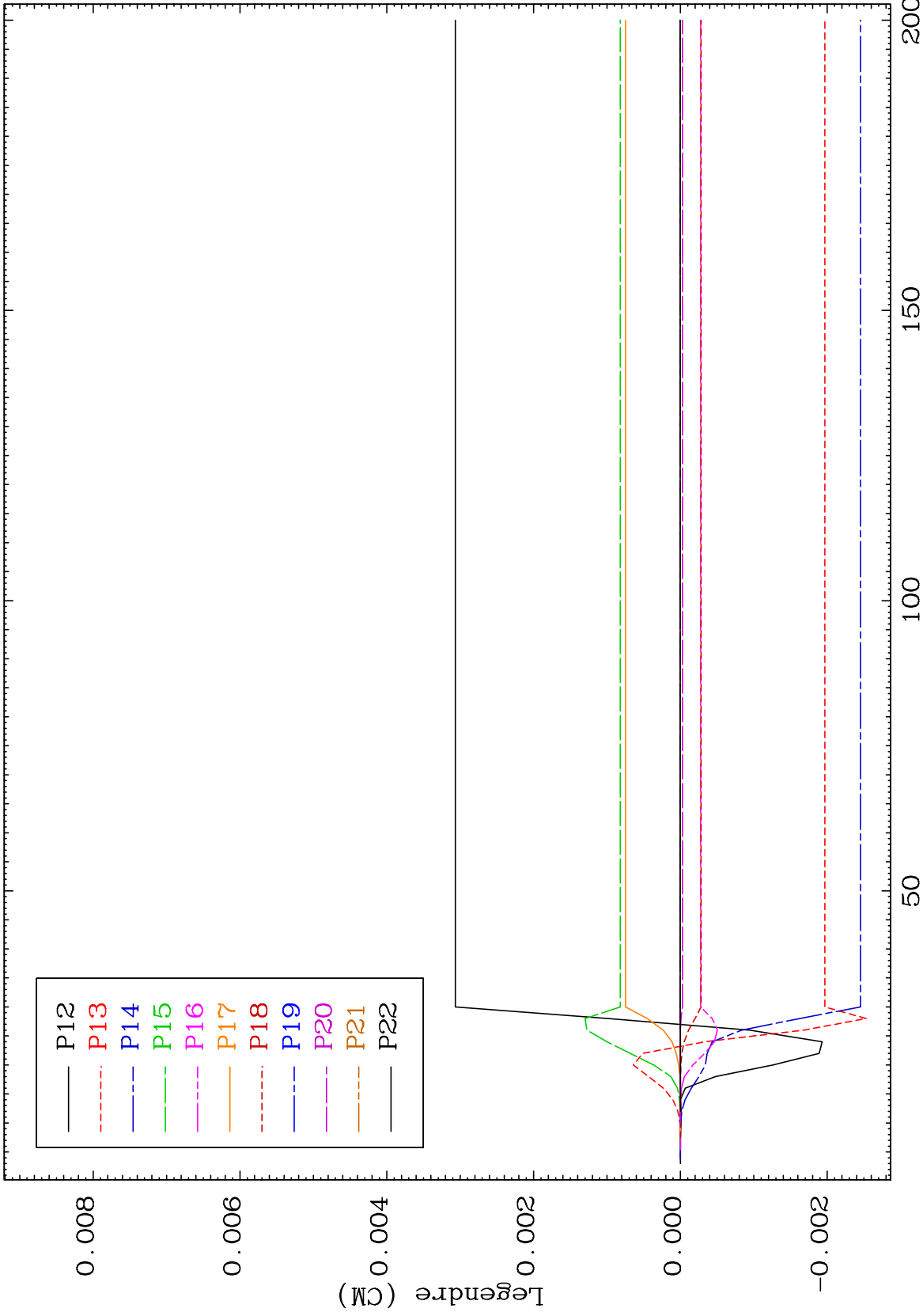
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182



34

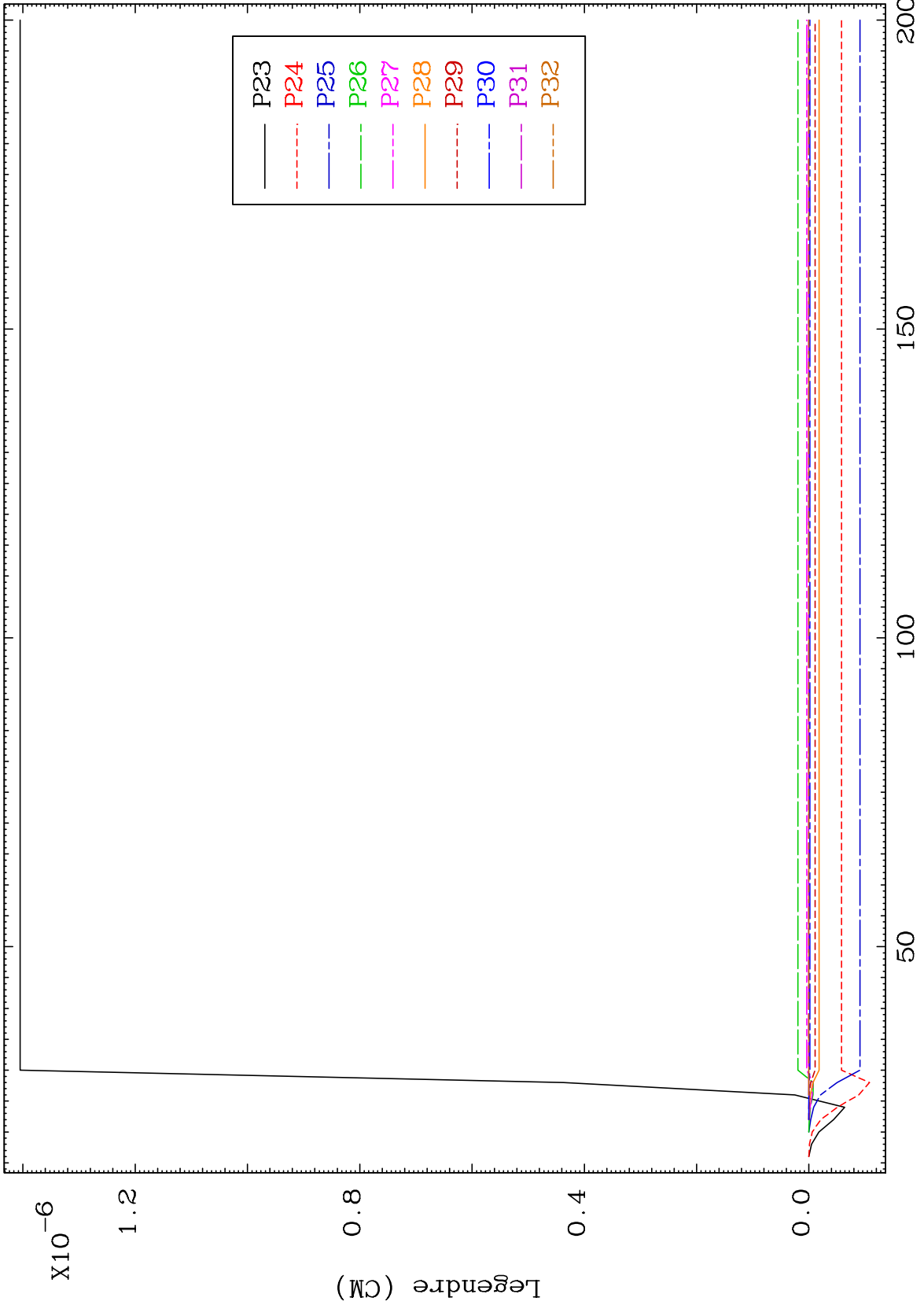
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182

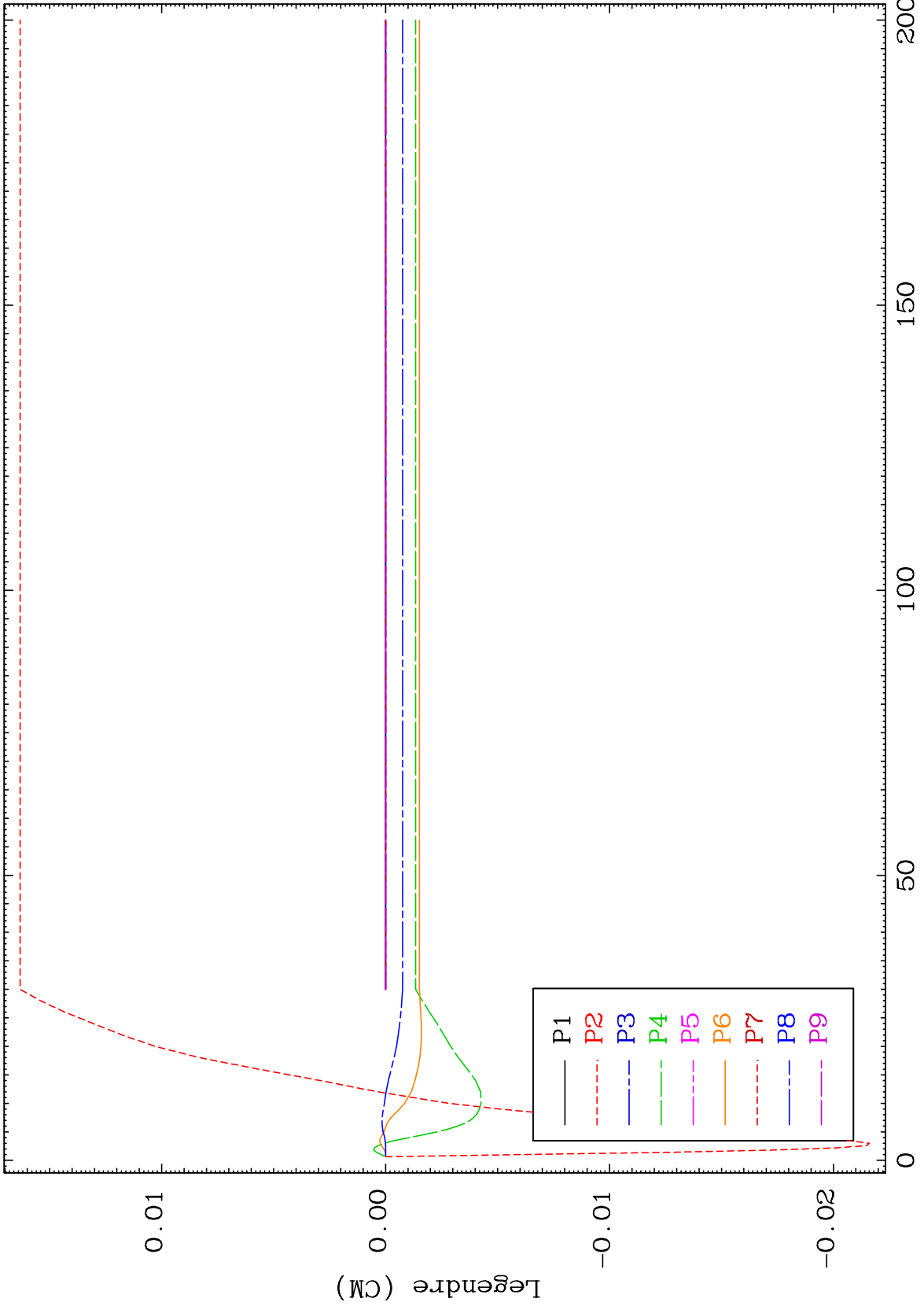


35

Incident Energy (MeV)

75-Re-182

MAT 7516 MT= 56 (n,n') Level Legendre Coefficients 75-Re-182

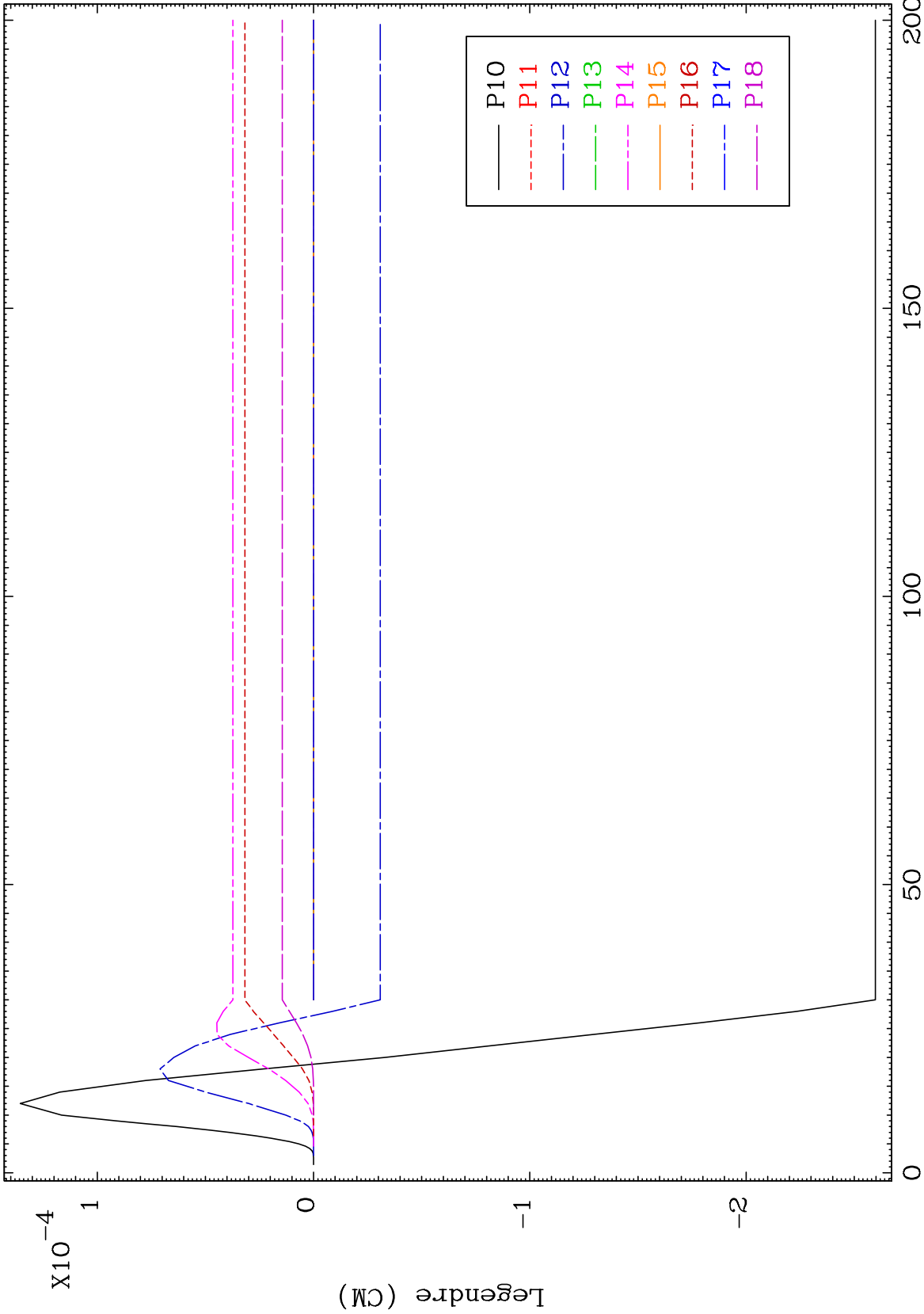


36 75-Re-182

MAT 7516

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

75-Re-182

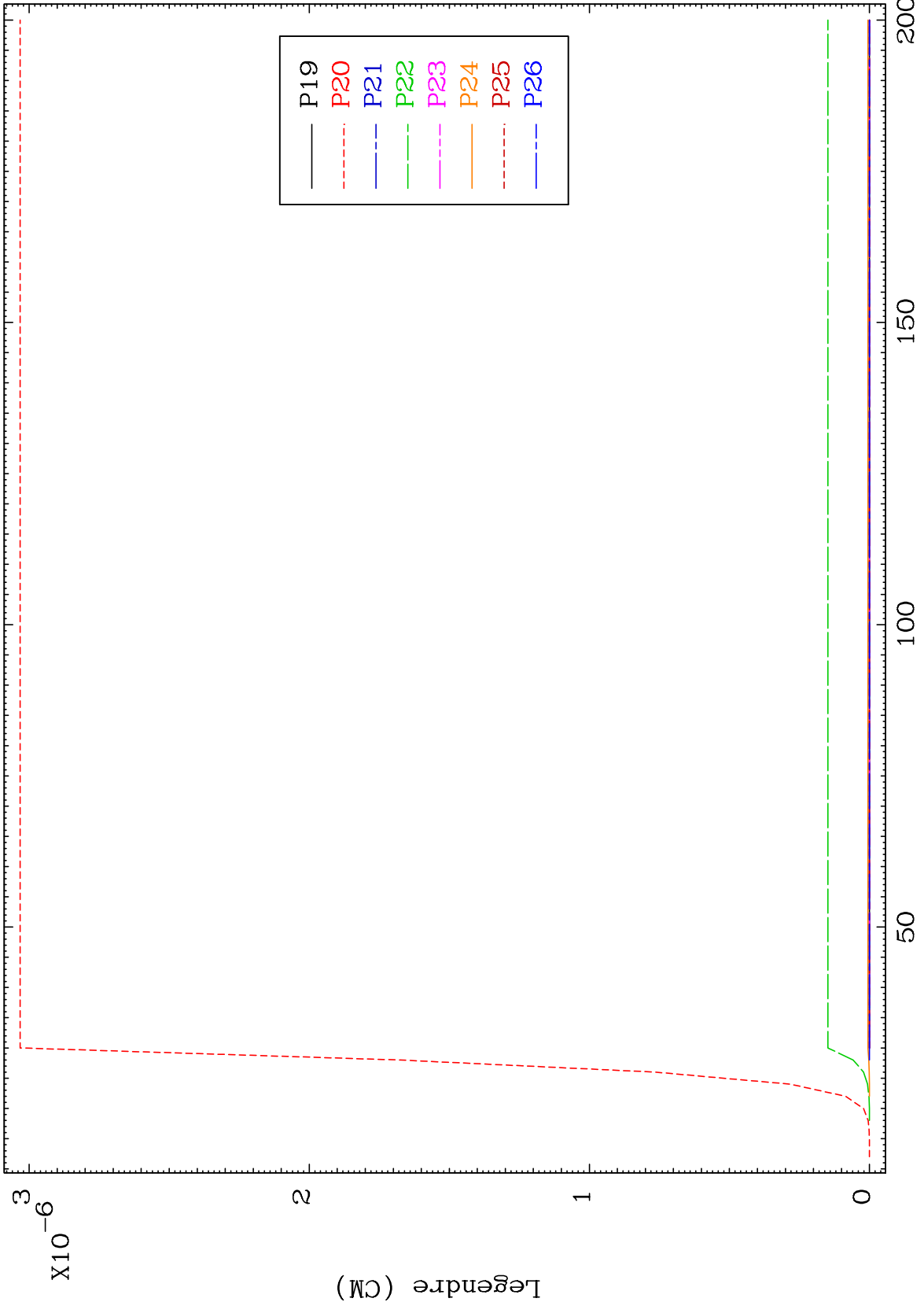


37

Incident Energy (MeV)

75-Re-182

MAT 7516 MT= 56 (n,n') Level Legendre Coefficients 75-Re-182

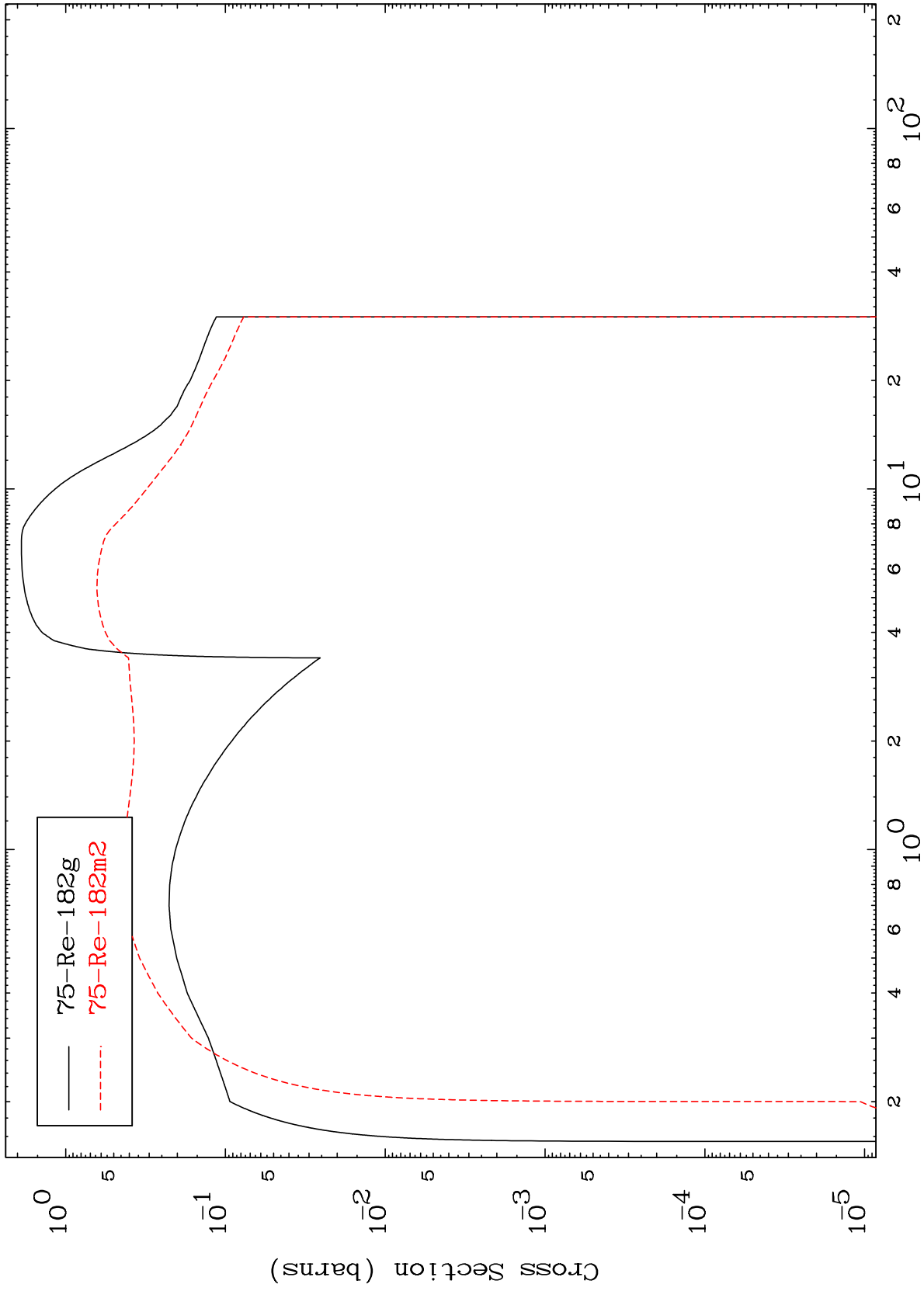


38 75-Re-182

MAT 7516

75-Re-182

### Inelastic Radionuclide Production Cross Section



39

75-Re-182

Incident Energy (MeV)

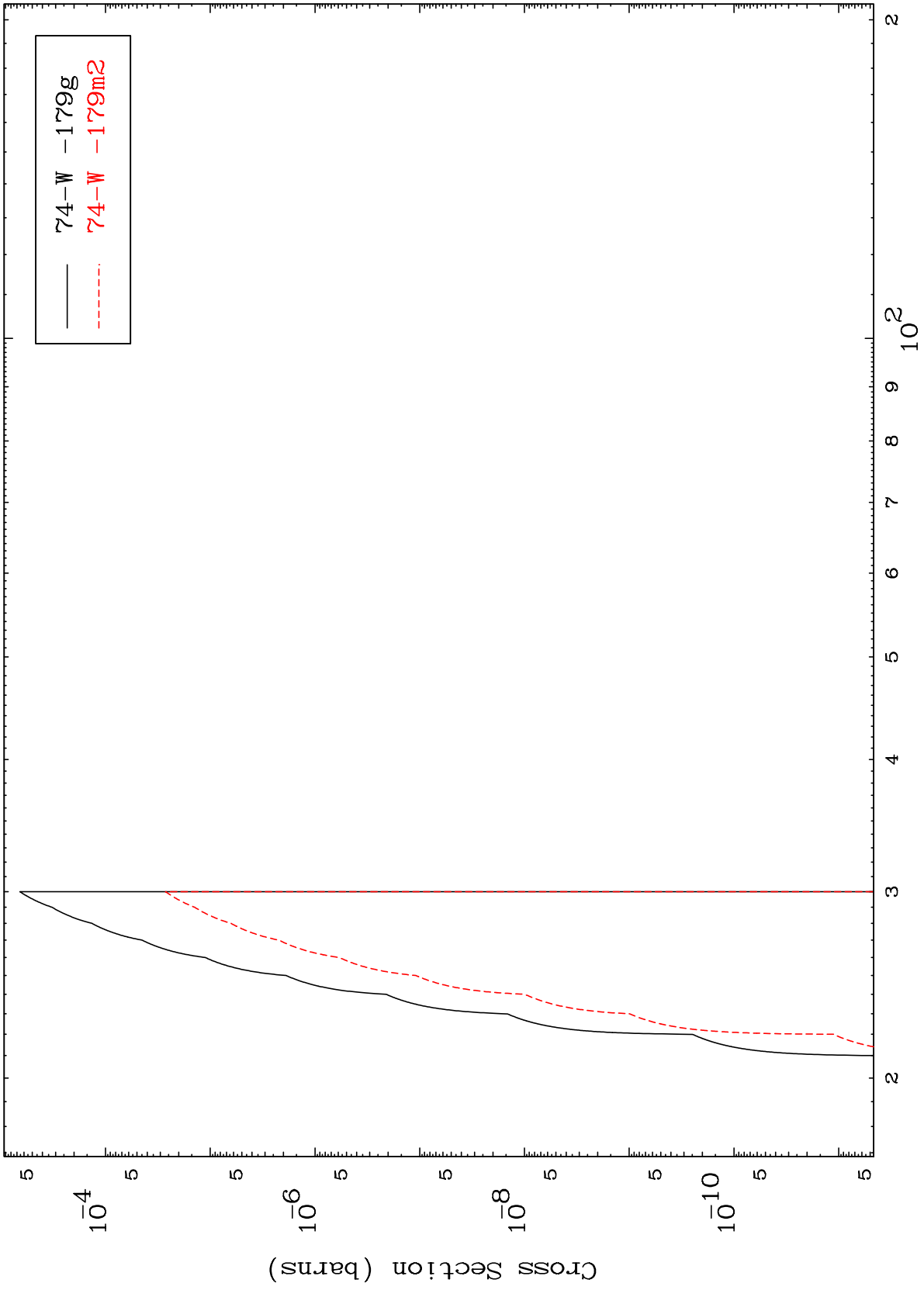


MAT 7516

(n,2n) d

75-Re-182

Radionuclide Production Cross Section



40

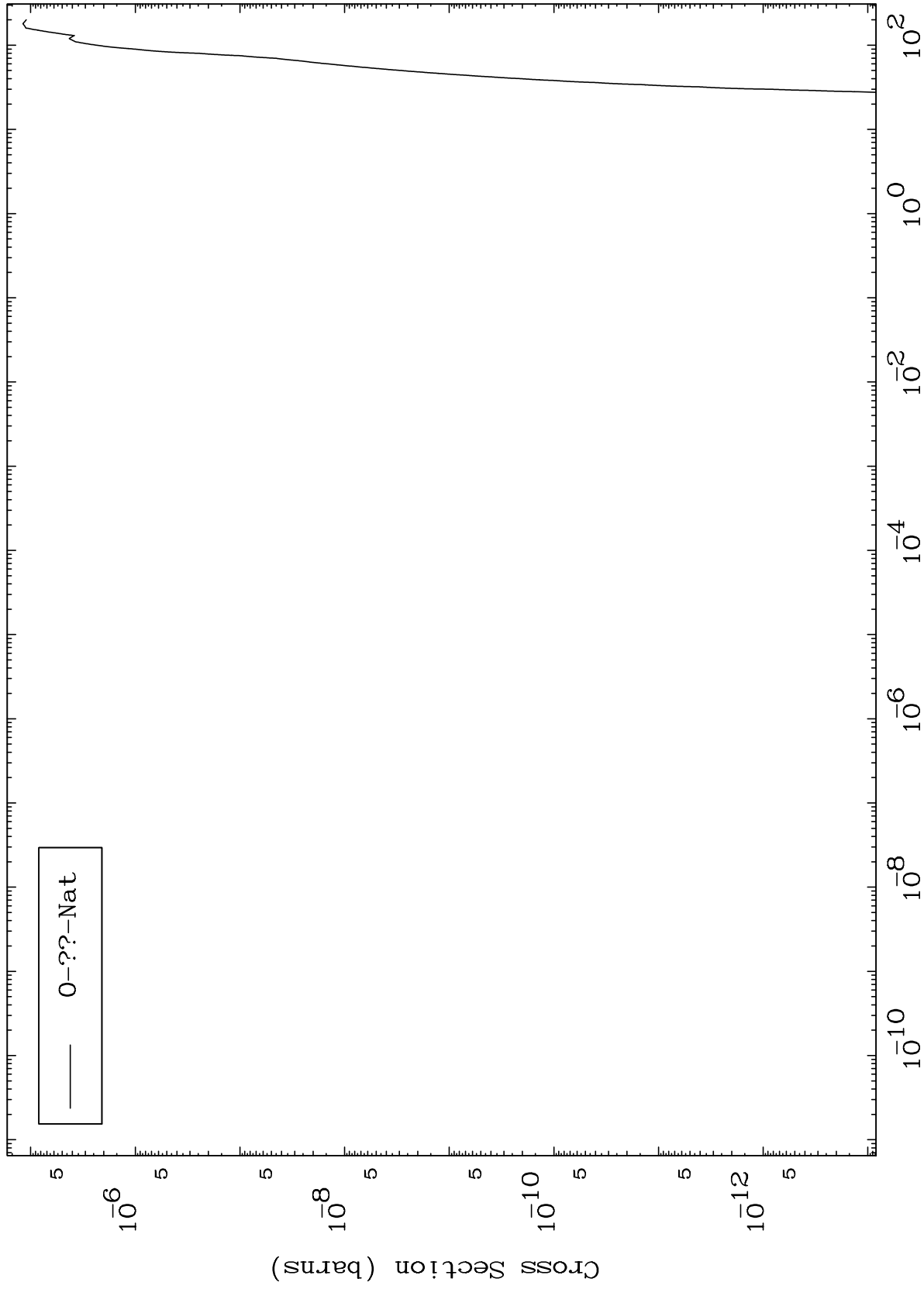
Incident Energy (MeV)

75-Re-182

MAT 7516

Fission  
Radionuclide Production Cross Section

75-Re-182



41

Incident Energy (MeV)

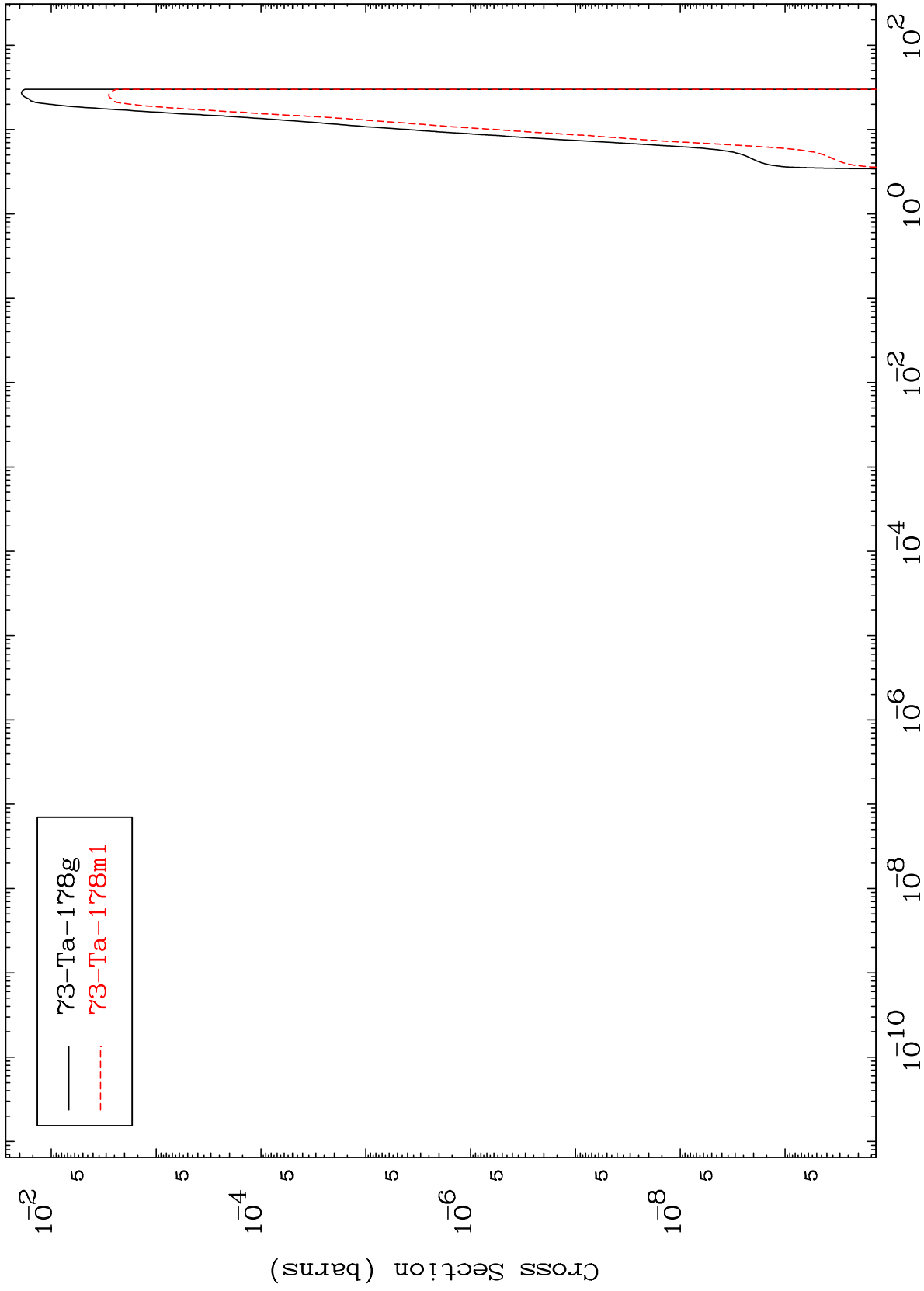
75-Re-182

MAT 7516

(n,n')  $\alpha$

75-Re-182

Radionuclide Production Cross Section



42

Incident Energy (MeV)

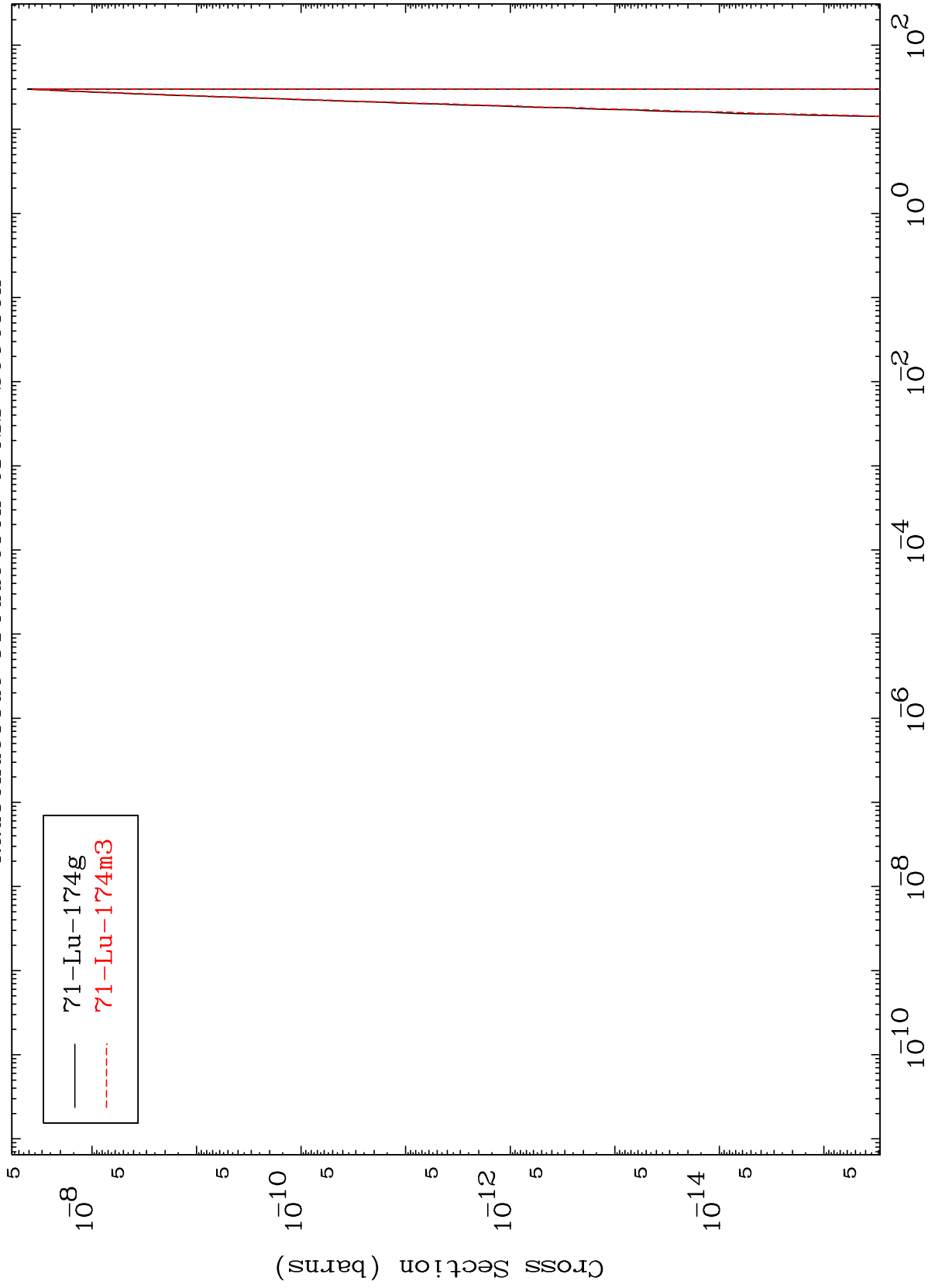
75-Re-182

MAT 7516

(n,n') 2 $\alpha$

75-Re-182

Radionuclide Production Cross Section



43

Incident Energy (MeV)

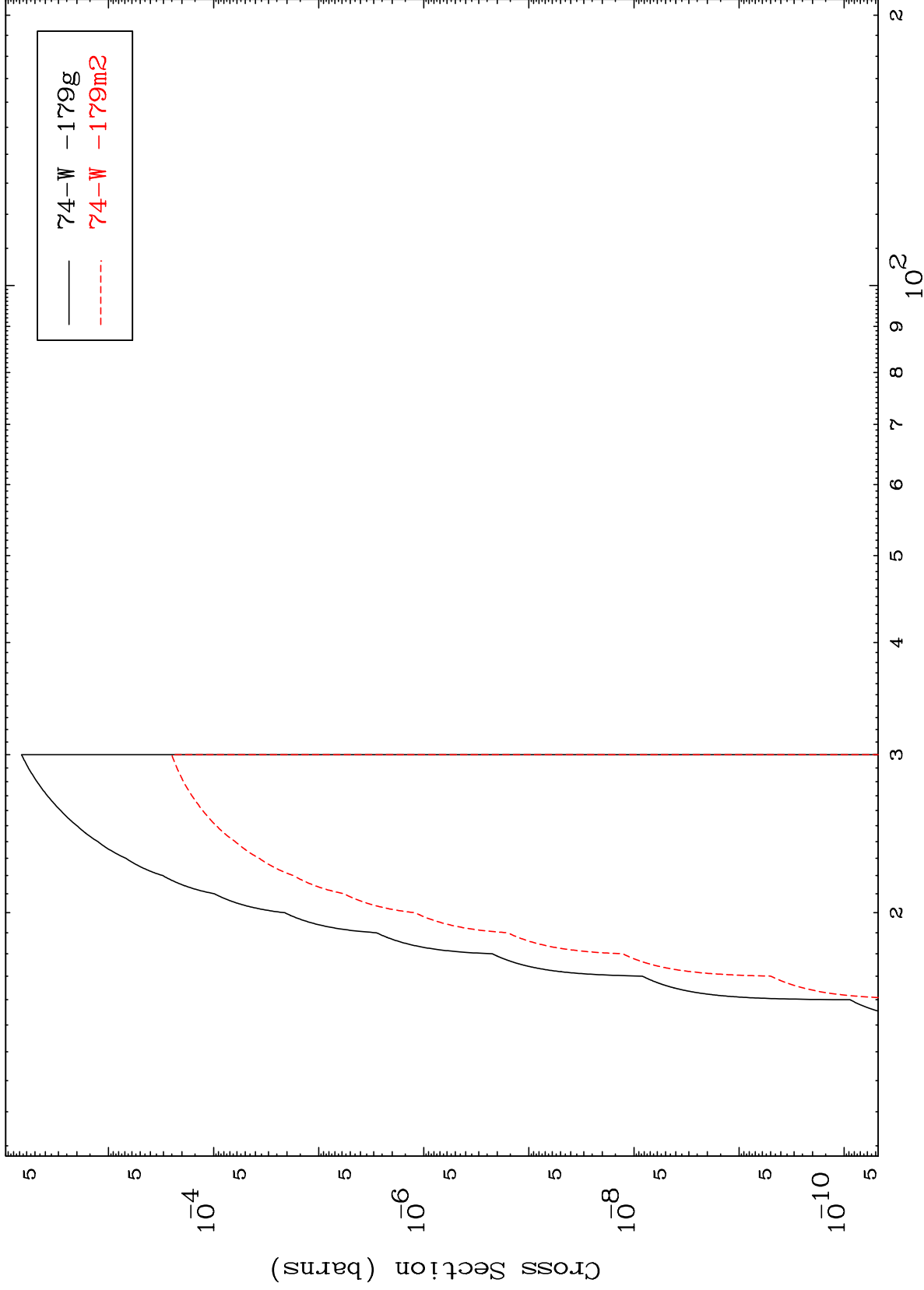
75-Re-182

MAT 7516

(n,n') t

75-Re-182

Radionuclide Production Cross Section



44

Incident Energy (MeV)

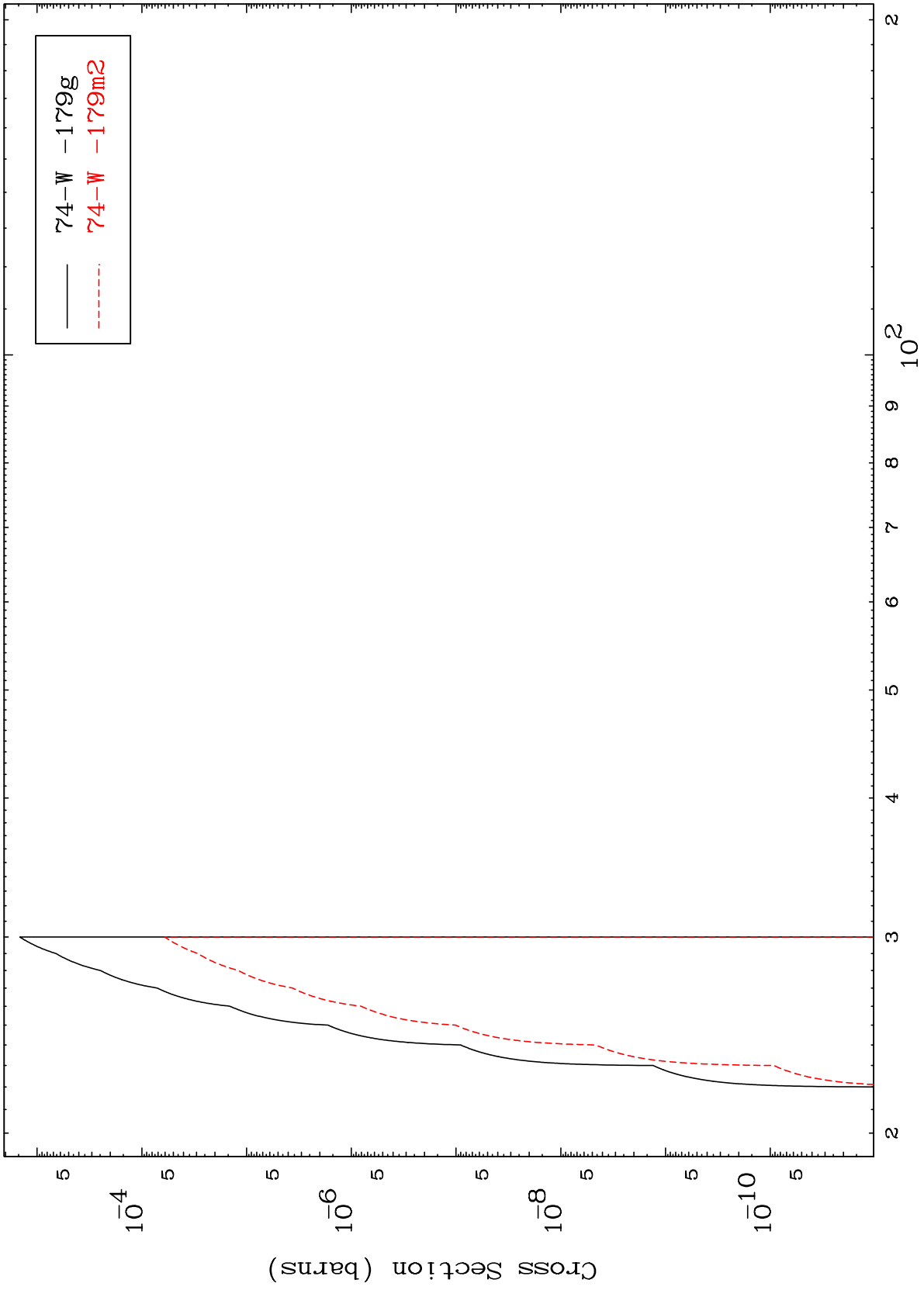
75-Re-182

MAT 7516

(n,3n) p

75-Re-182

Radionuclide Production Cross Section



45

Incident Energy (MeV)

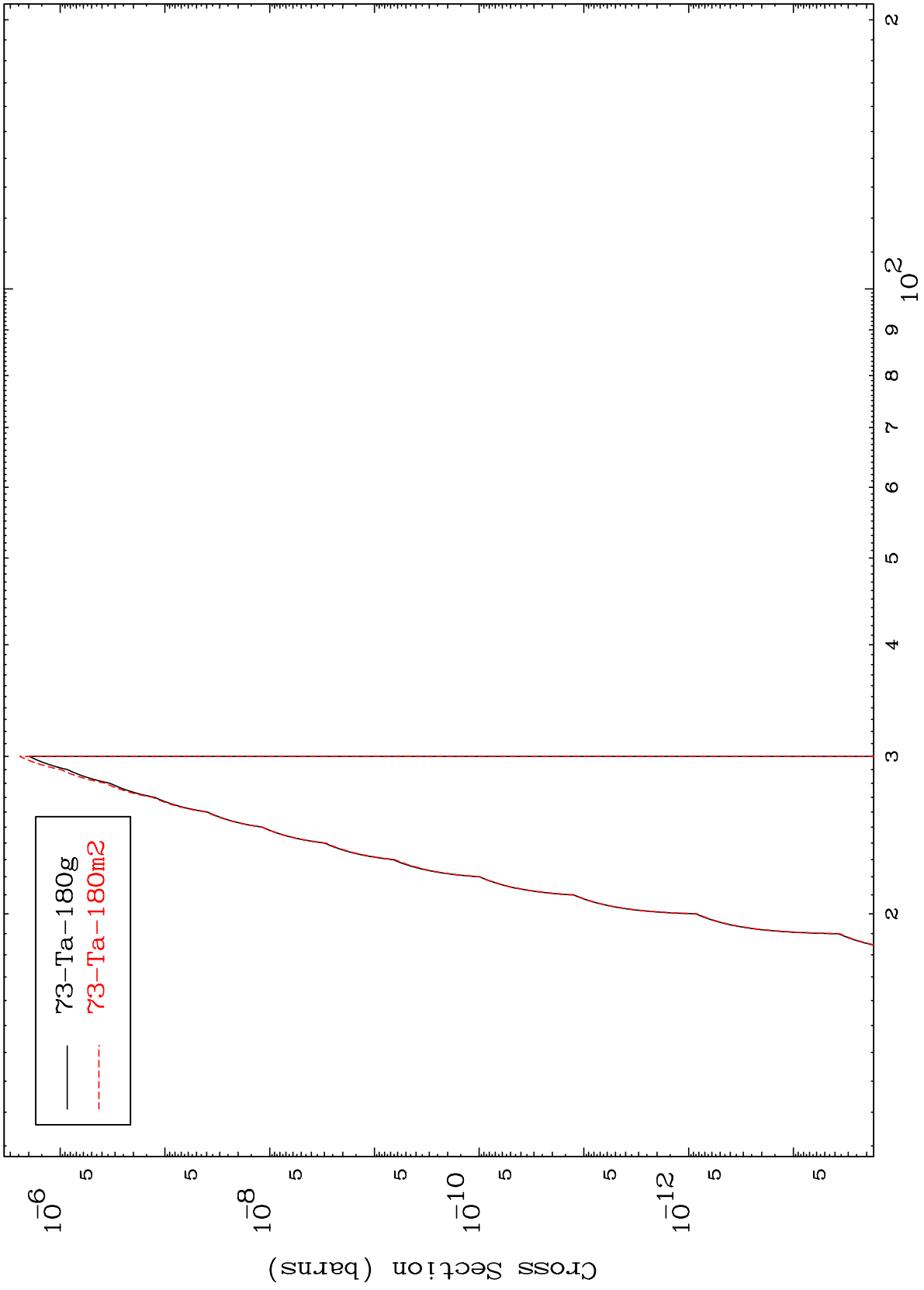
75-Re-182

MAT 7516

(n,2n) p

75-Re-182

Radionuclide Production Cross Section



46

Incident Energy (MeV)

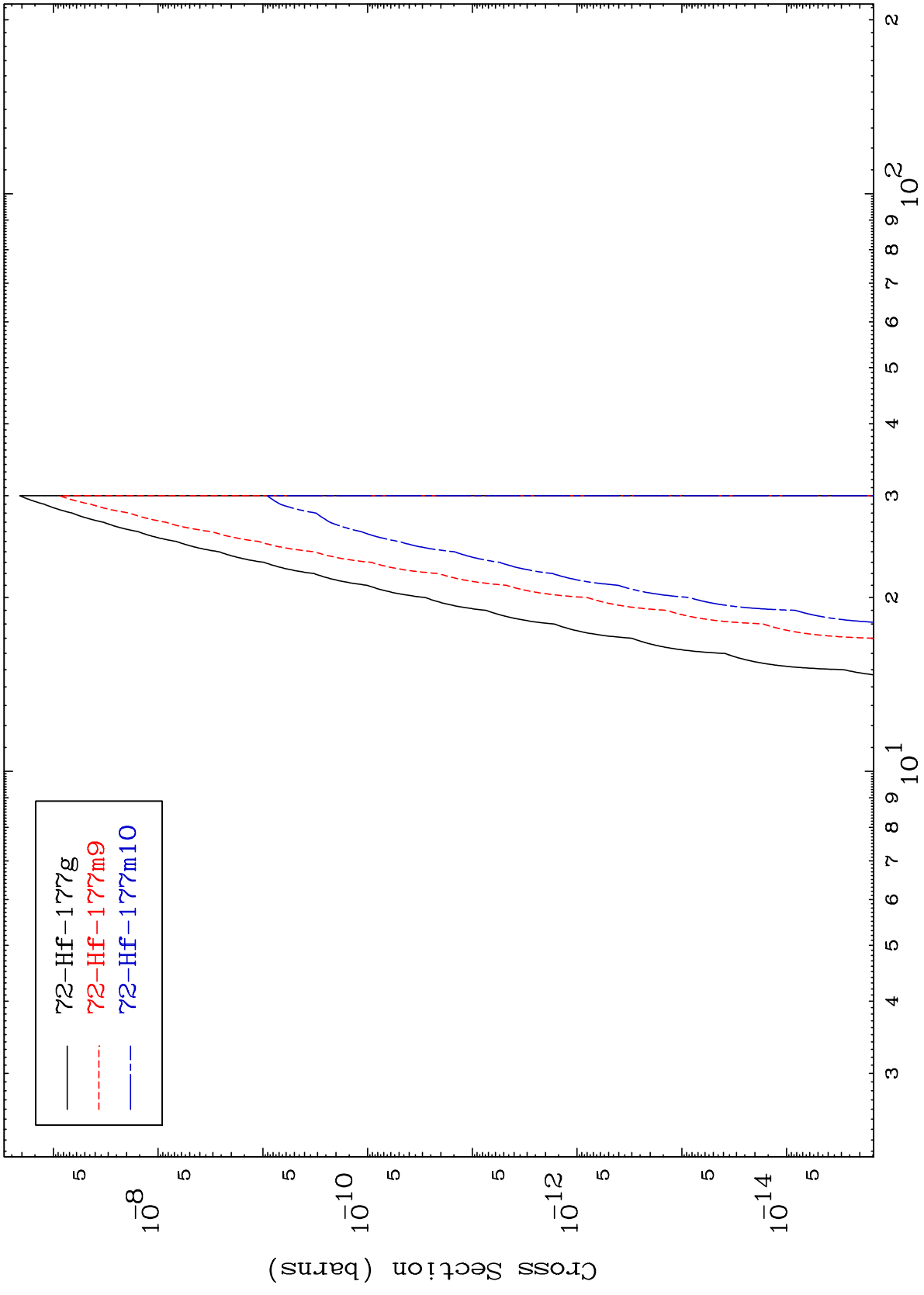
75-Re-182

MAT 7516

(n,n') p  $\alpha$

75-Re-182

Radionuclide Production Cross Section



47

Incident Energy (MeV)

75-Re-182

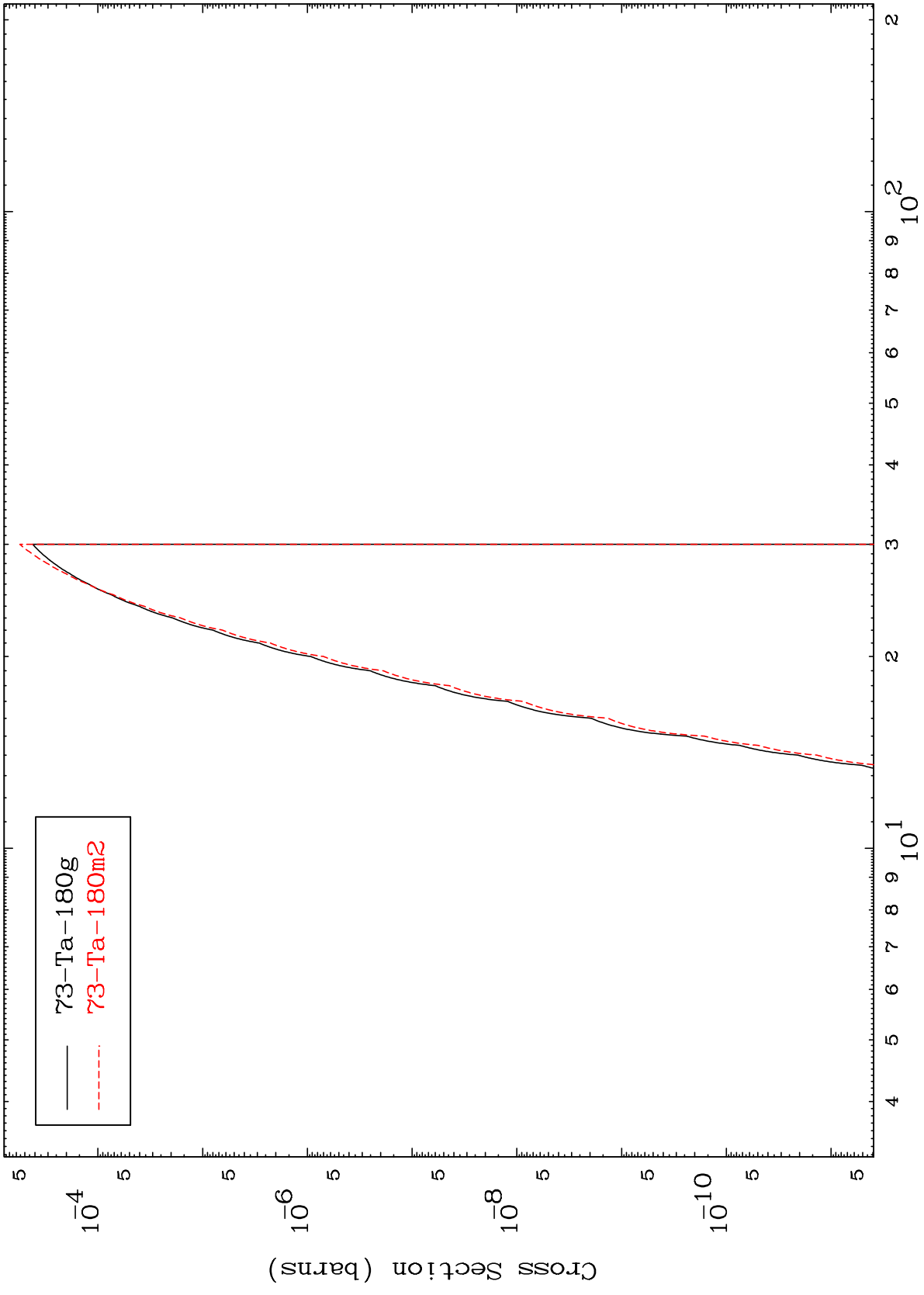


MAT 7516

(n, He-3)

75-Re-182

Radionuclide Production Cross Section



73-Ta-180g  
73-Ta-180m2

48

Incident Energy (MeV)

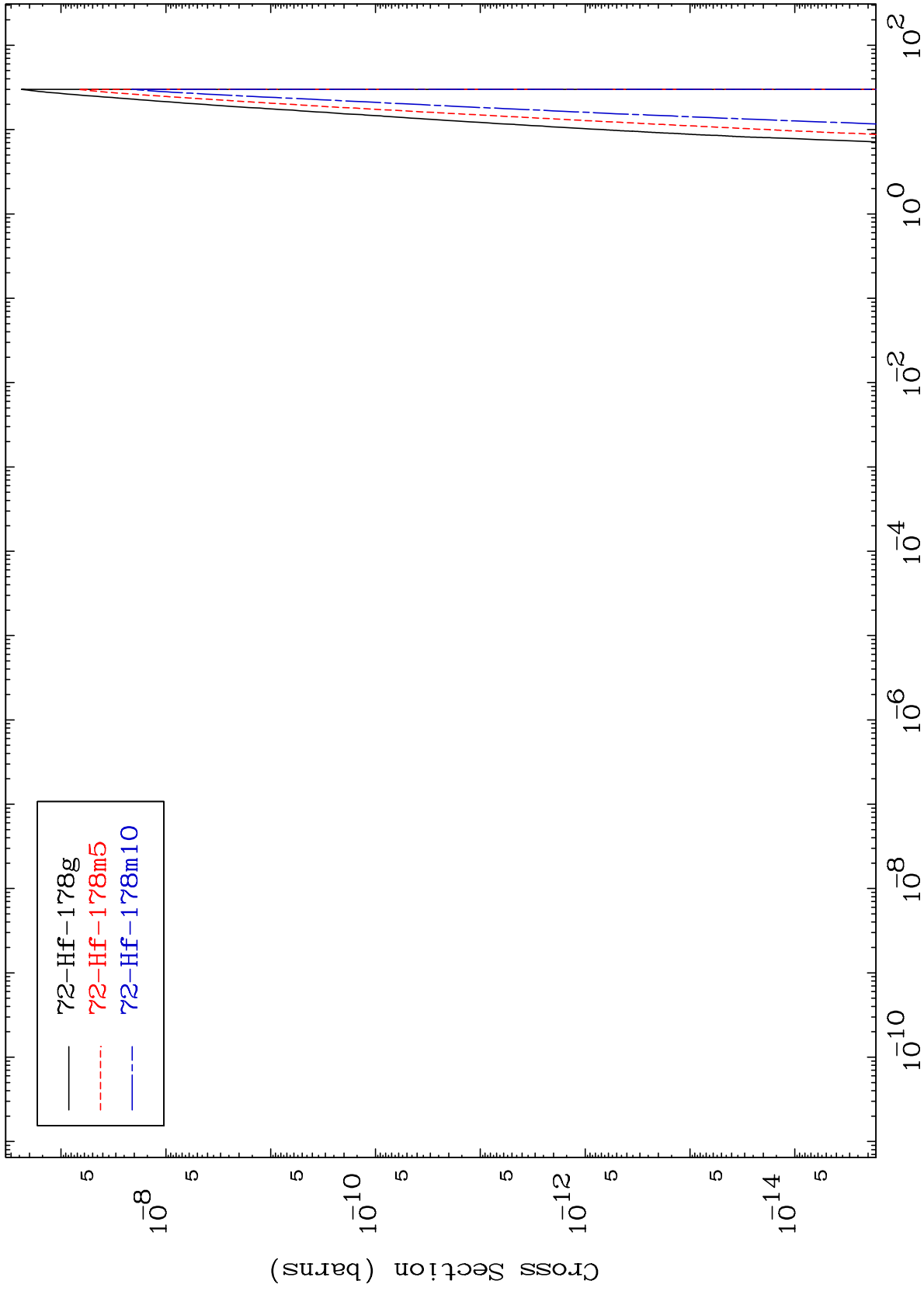
75-Re-182

MAT 7516

(n,p)  $\alpha$

75-Re-182

Radionuclide Production Cross Section



49

Incident Energy (MeV)

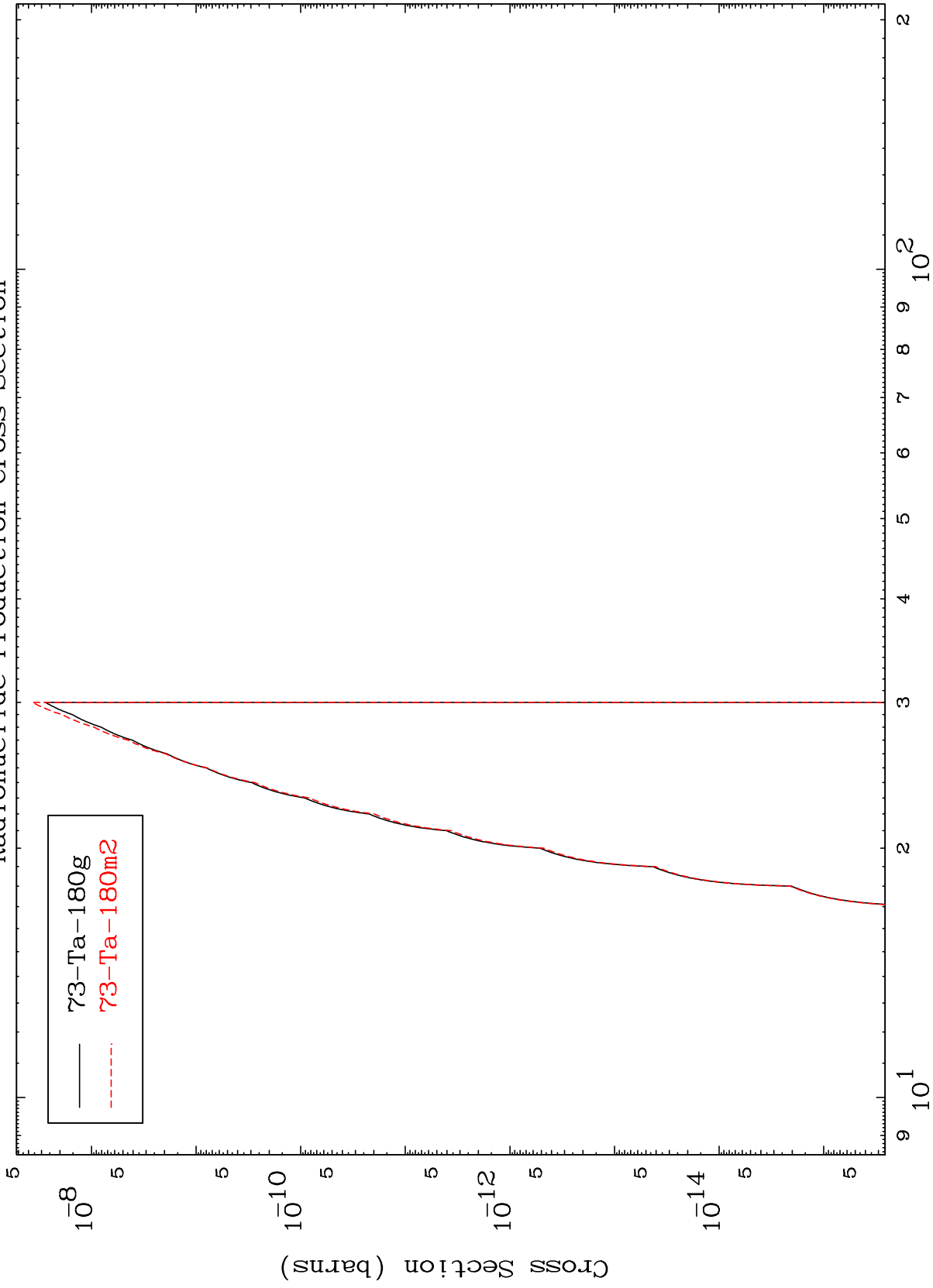
75-Re-182

MAT 7516

(n,p) d

75-Re-182

Radionuclide Production Cross Section



50

Incident Energy (MeV)

75-Re-182

MAT 7516

(n,d)  $\alpha$

75-Re-182

Radionuclide Production Cross Section

