

Program EVALPLOT  
(Version 2021-1)

by

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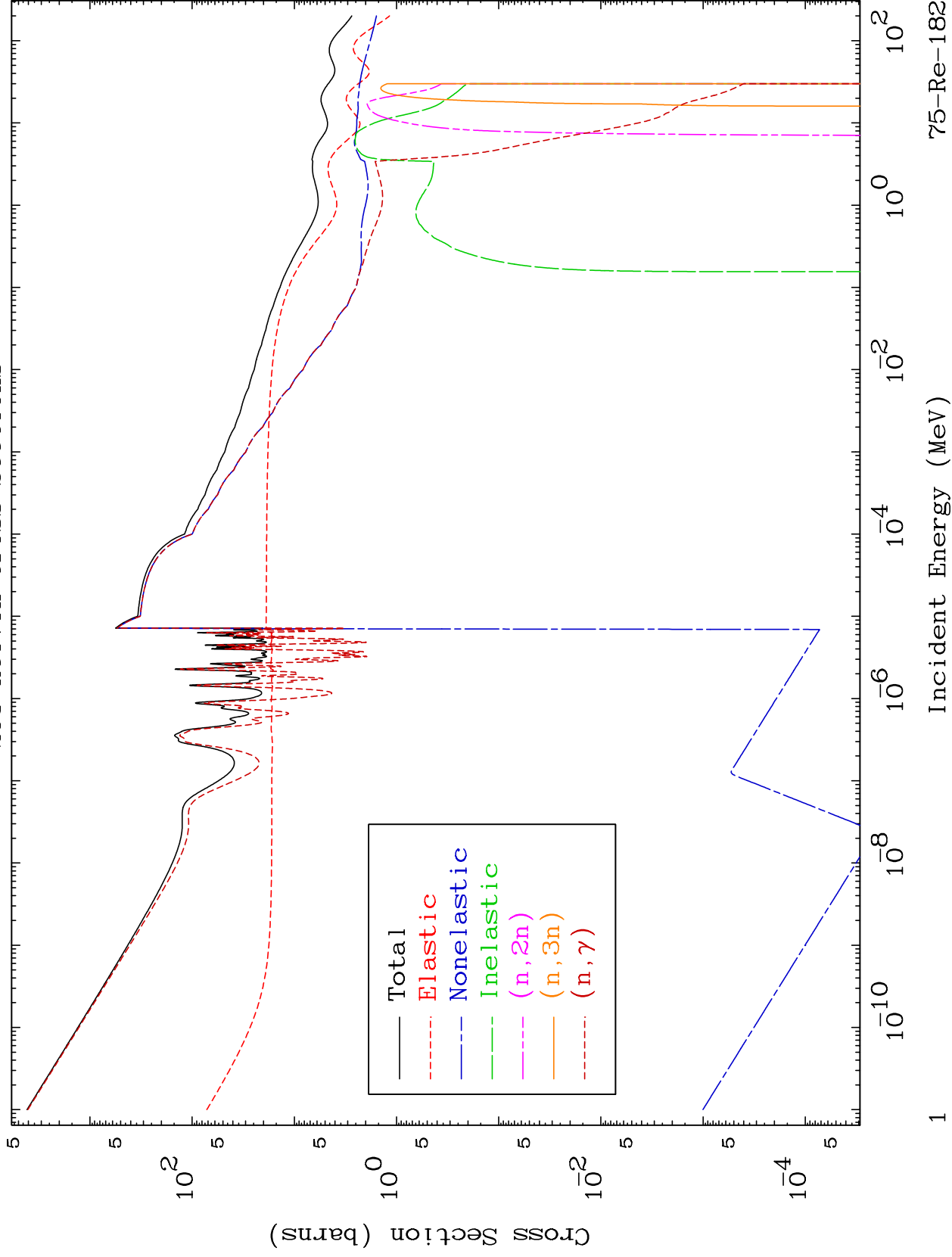
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7516

Neutron Major  
293 Kelvin Cross Sections

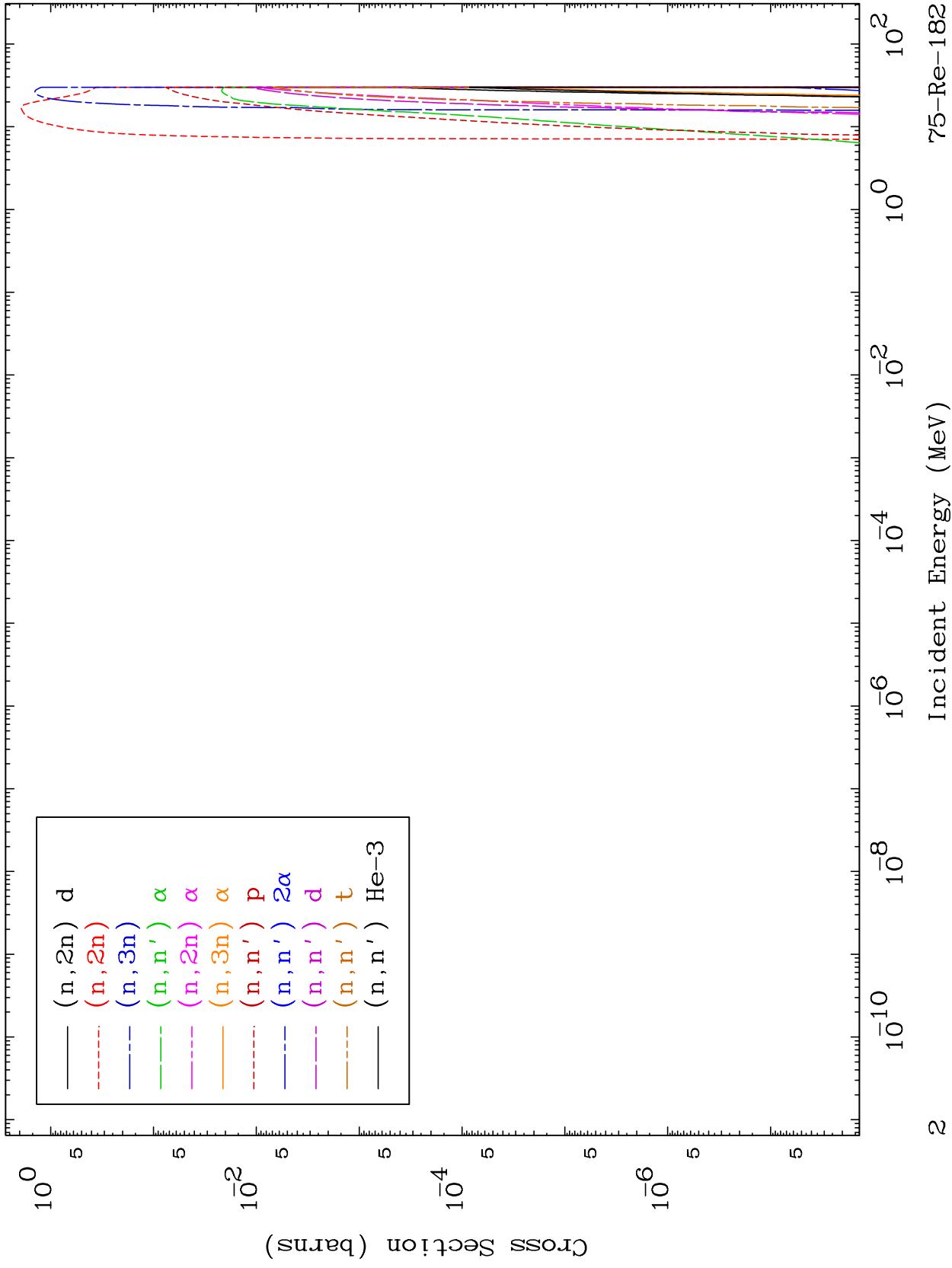
75-Re-182



MAT 7516

Neutron Absorption  
293 Kelvin Cross Sections

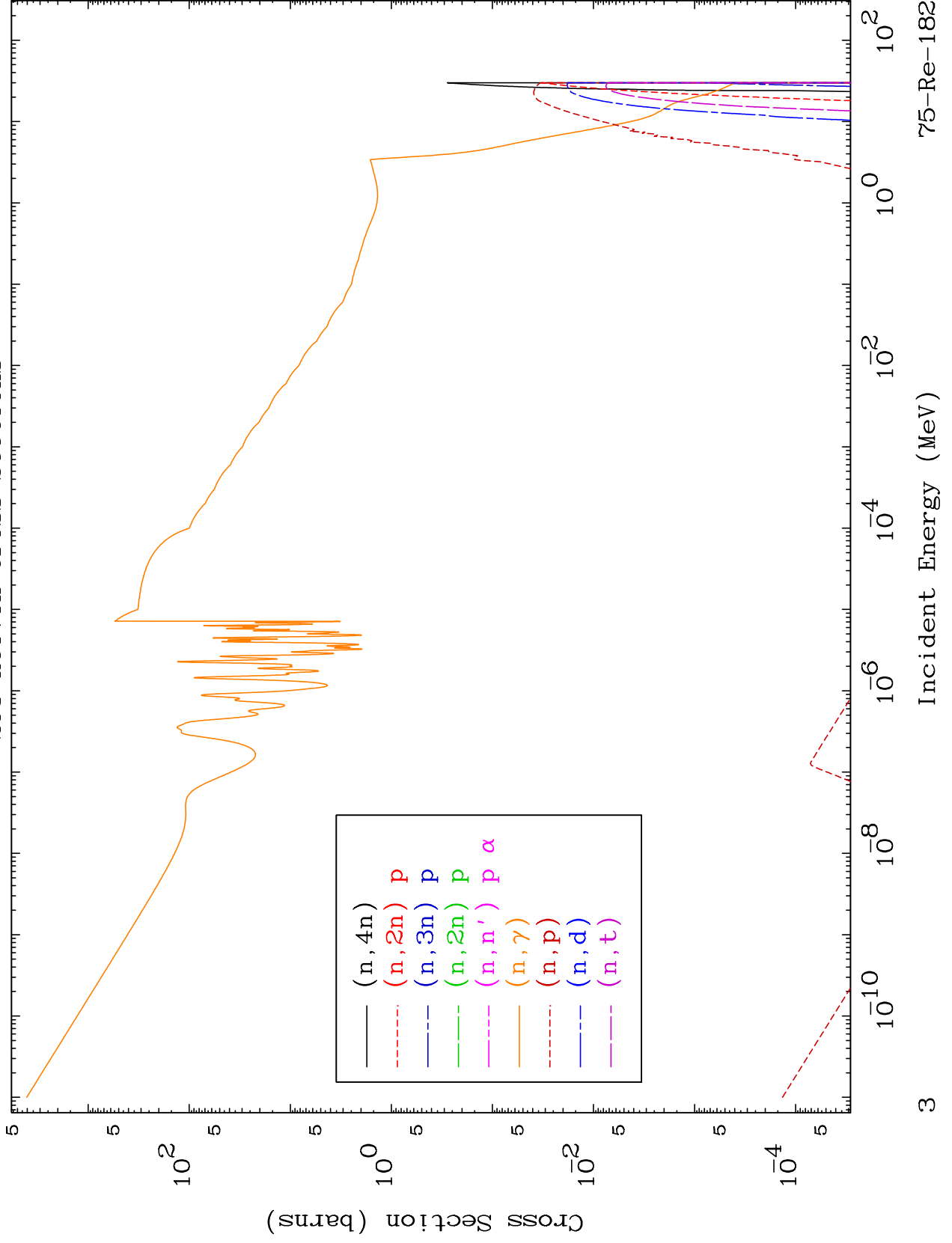
75-Re-182



MAT 7516

Neutron Absorption  
293 Kelvin Cross Sections

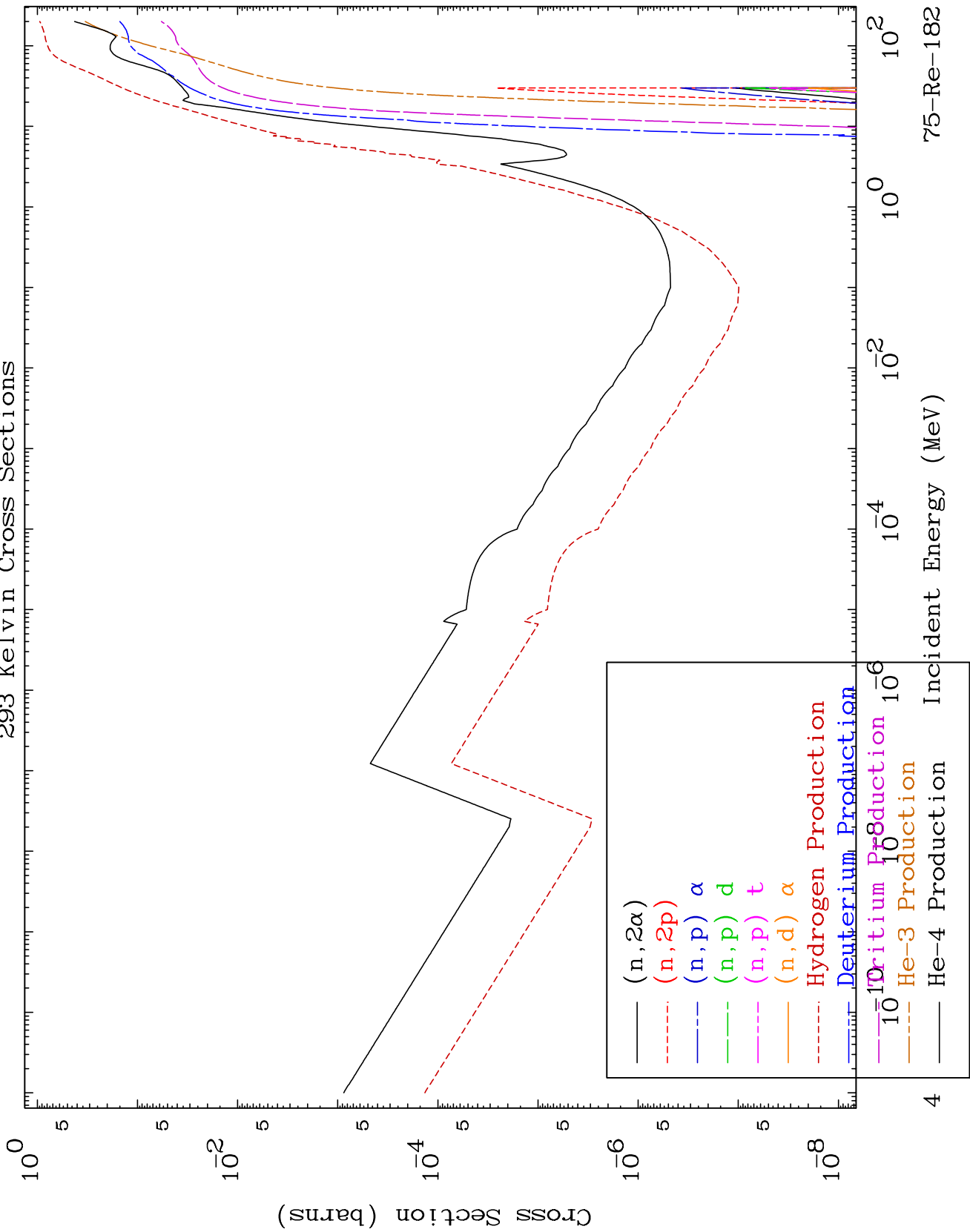
75-Re-182



MAT 7516

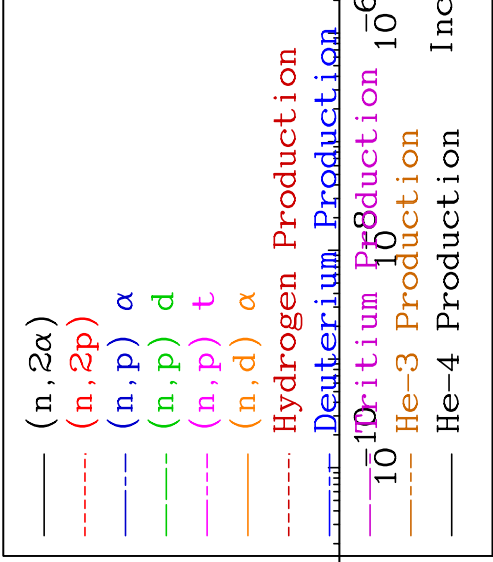
Neutron Absorption  
293 Kelvin Cross Sections

75-Re-182



75-Re-182

Incident Energy (MeV)

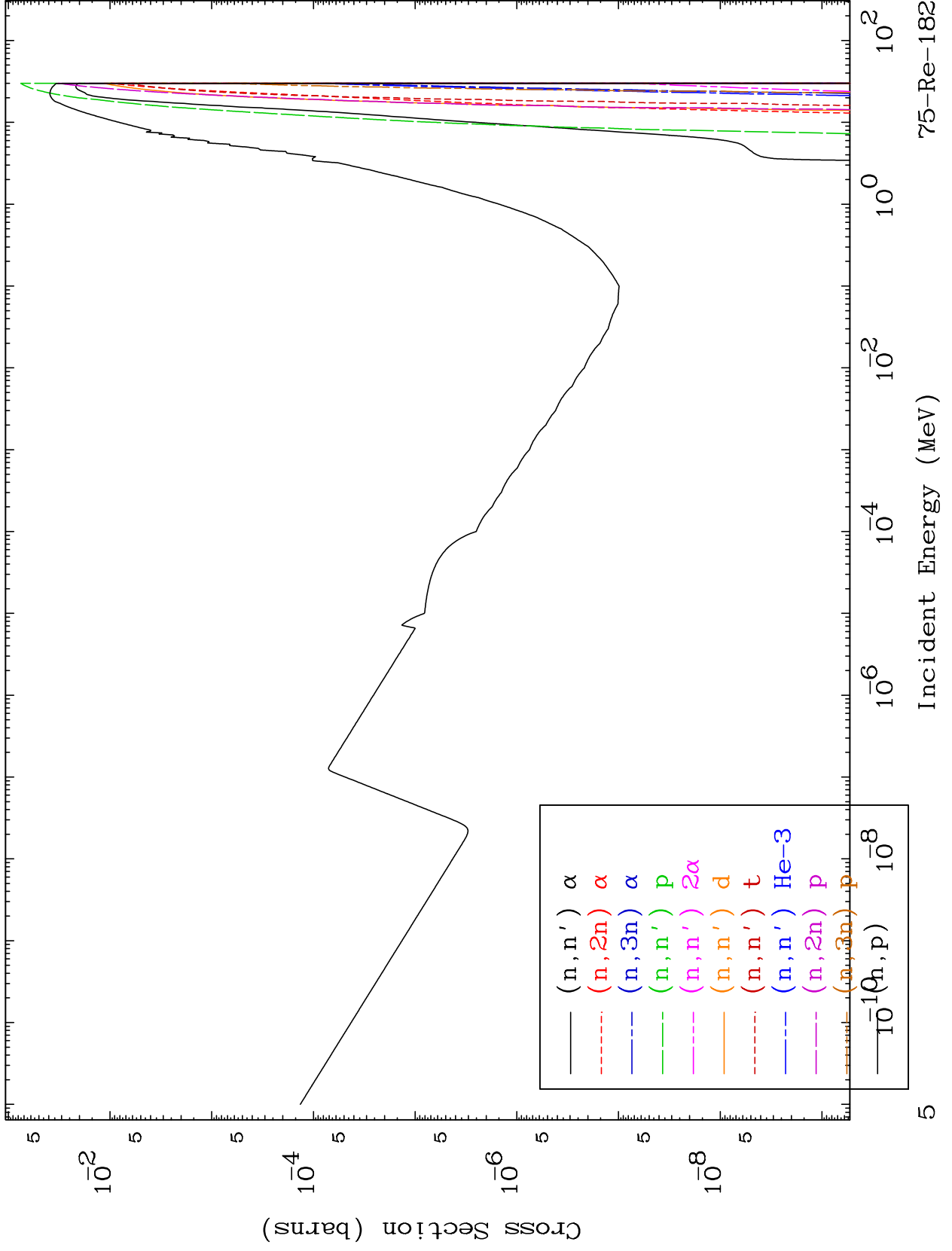


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MAT 7516

Charged Particle  
293 Kelvin Cross Sections

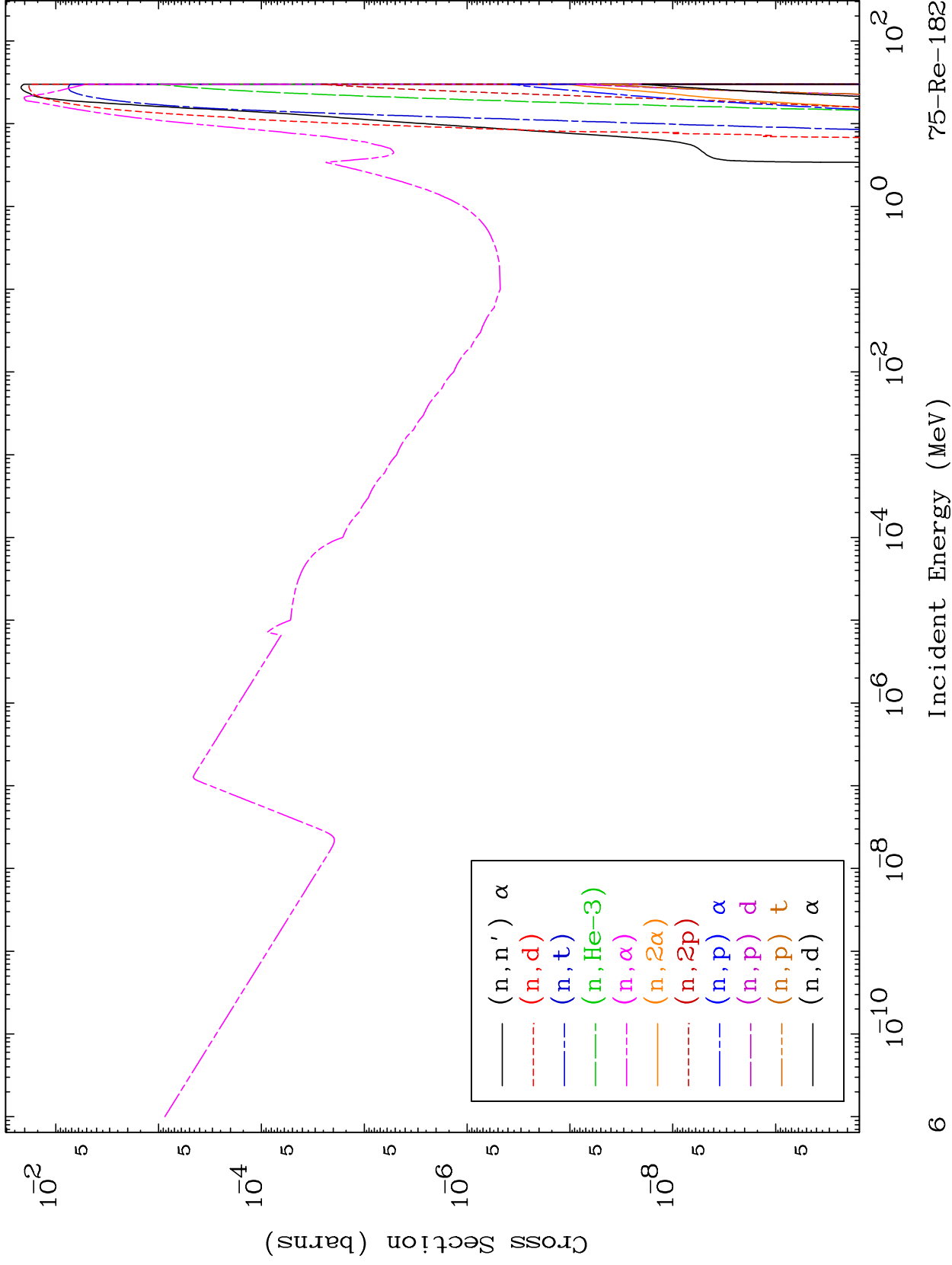
75-Re-182



MAT 7516

Charged Particle  
293 Kelvin Cross Sections

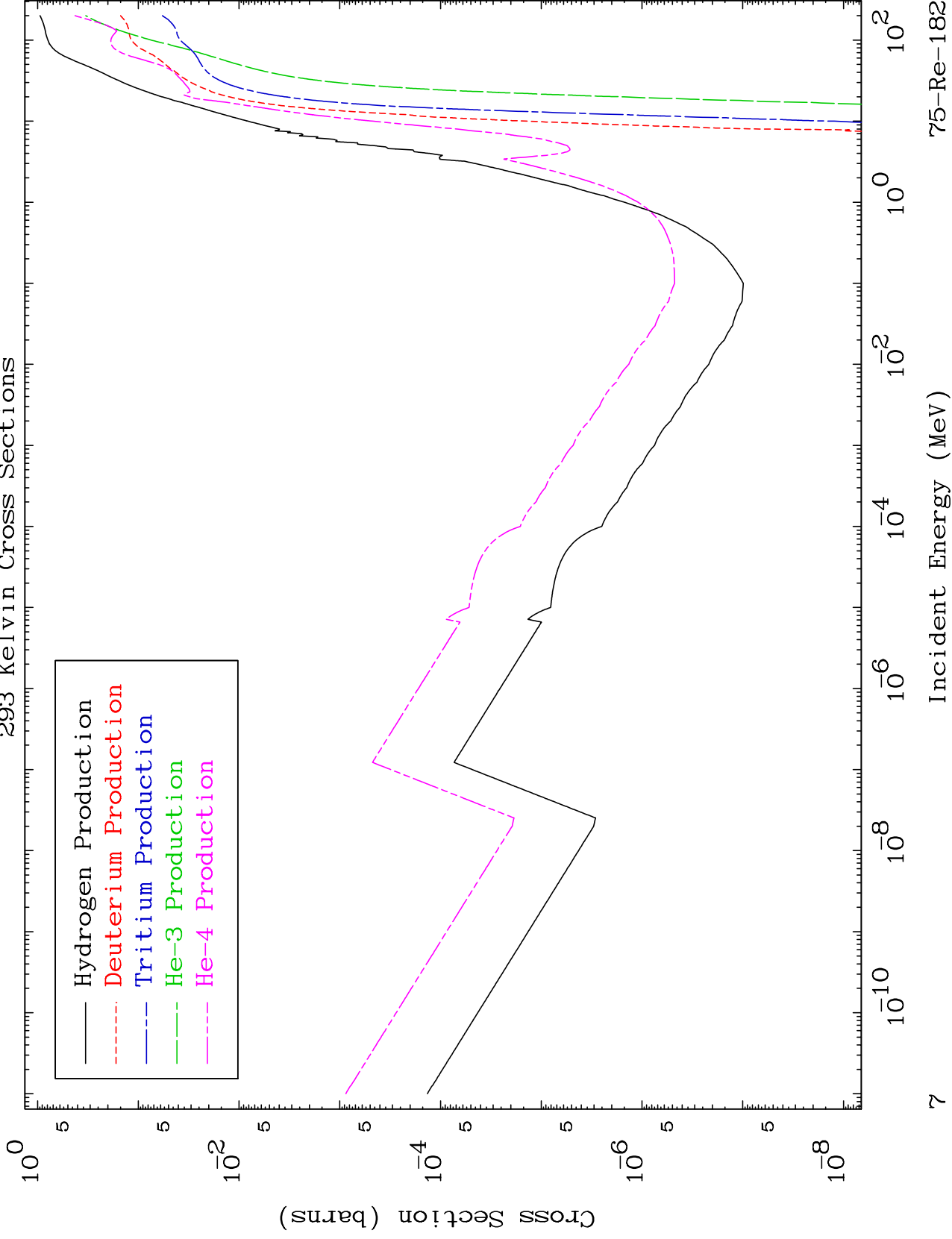
75-Re-182



MAT 7516

Particle Production  
293 Kelvin Cross Sections

75-Re-182

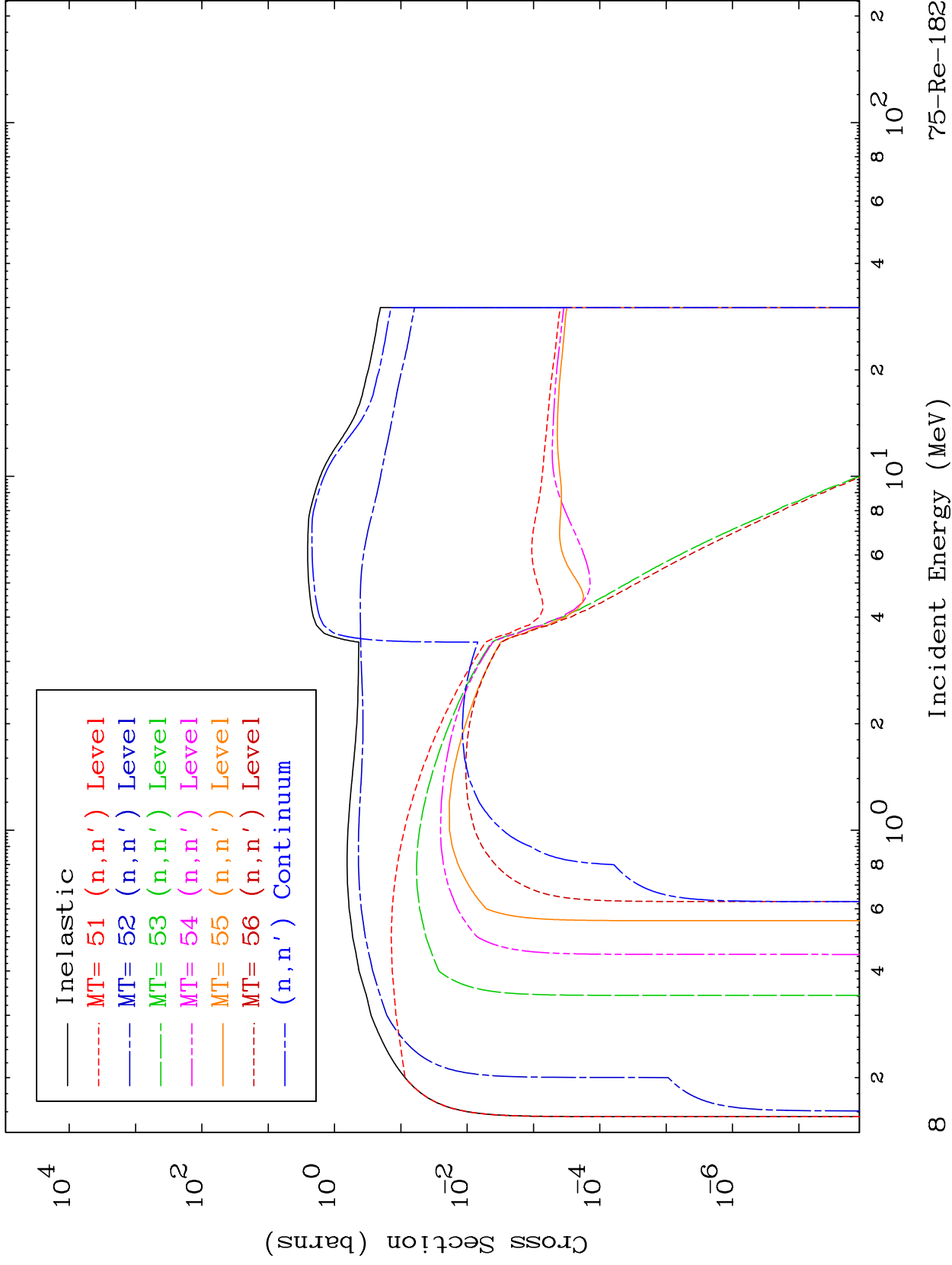




MAT 7516

(n,n') Levels  
293 Kelvin Cross Sections

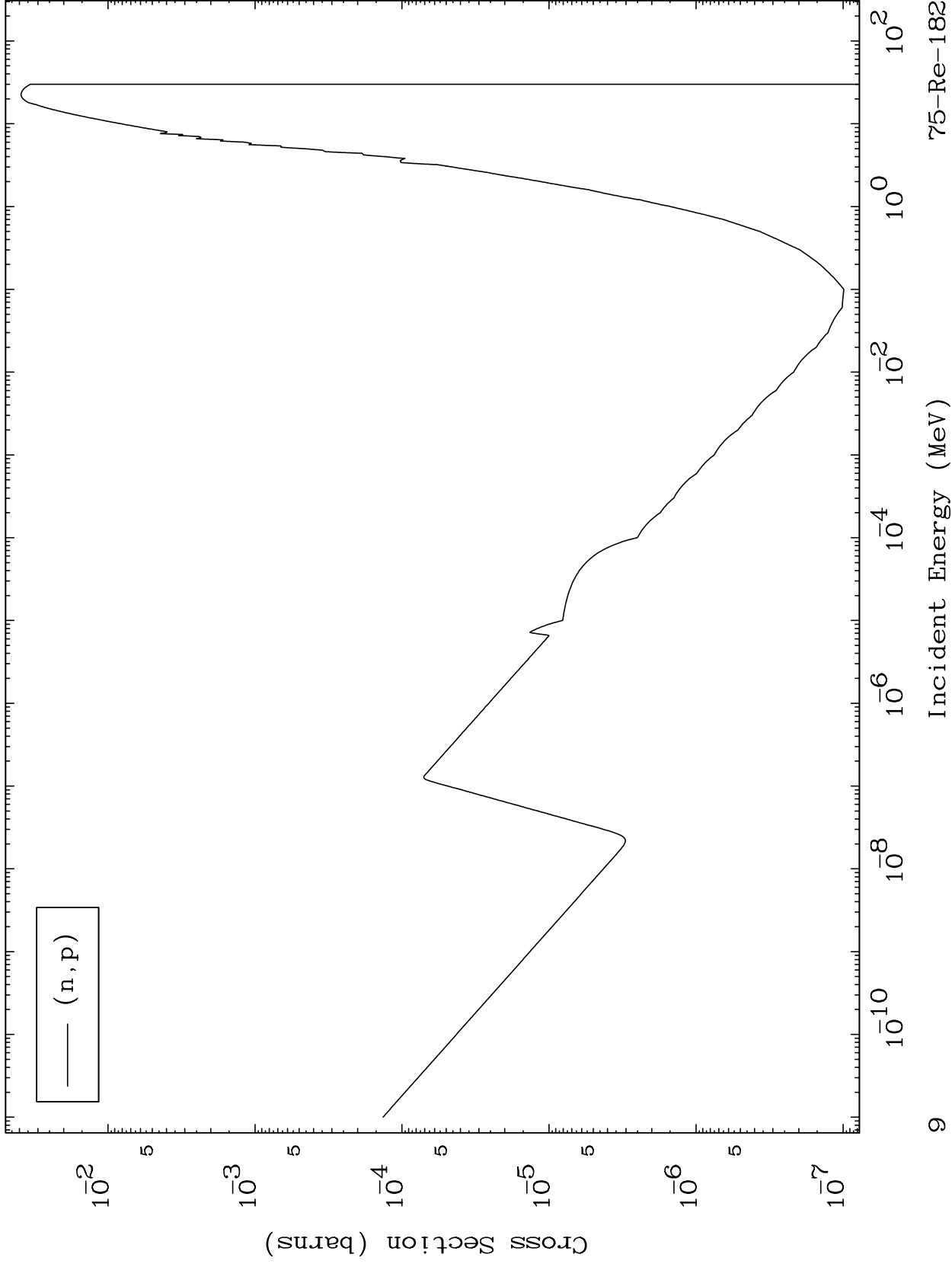
75-Re-182



MAT 7516

(n,p) Levels  
293 Kelvin Cross Sections

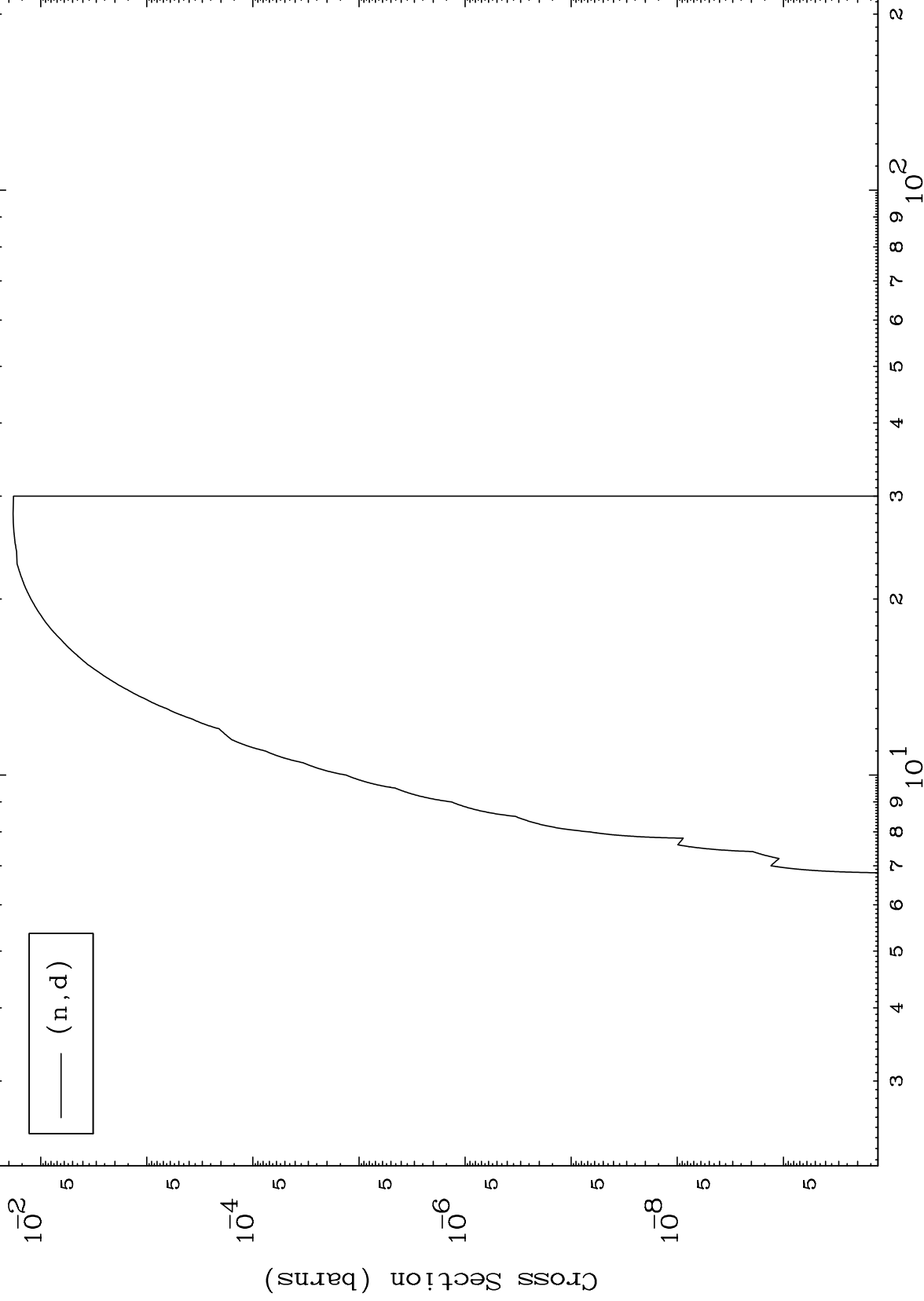
75-Re-182



MAT 7516

(n,d) Levels  
293 Kelvin Cross Sections

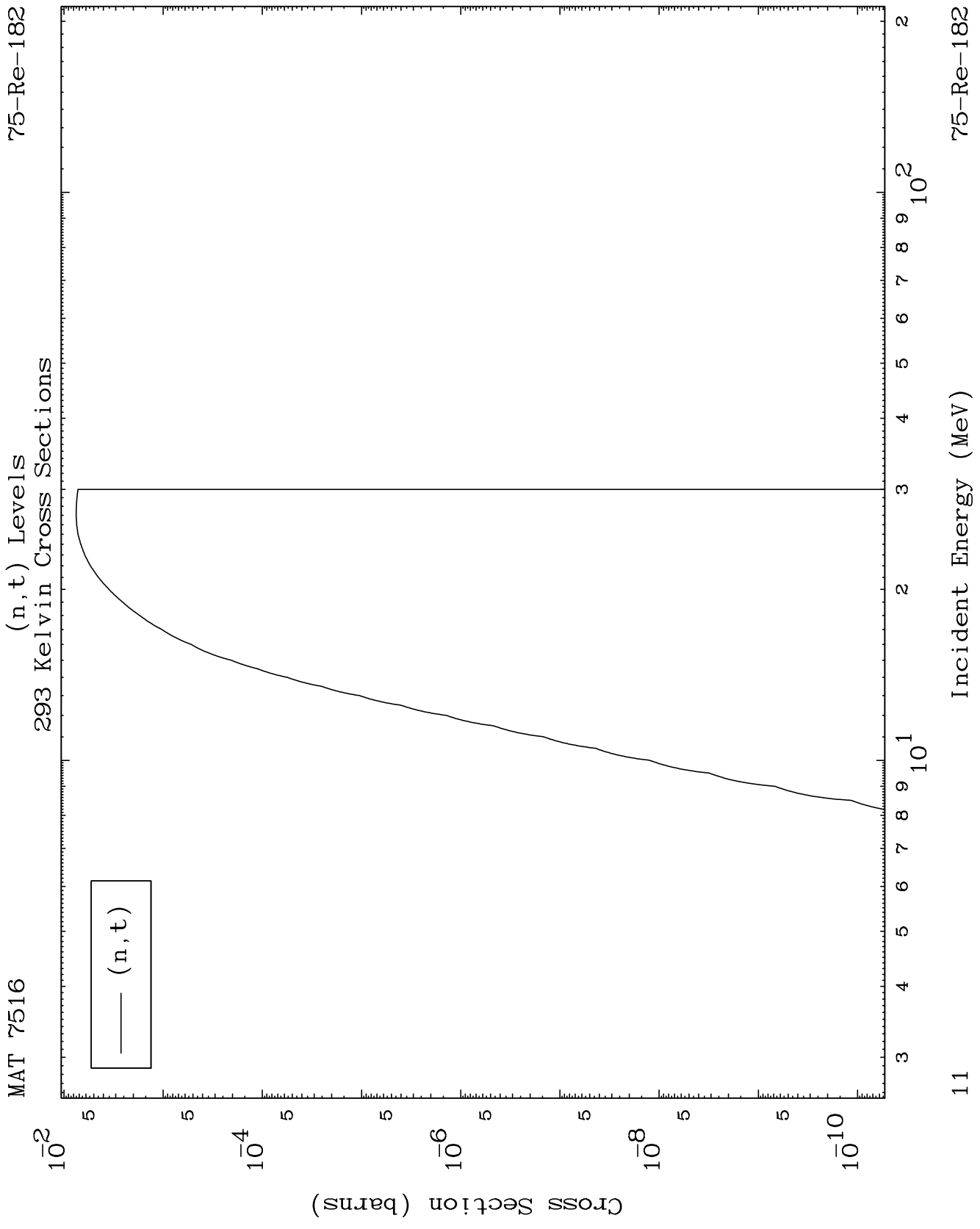
75-Re-182



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Incident Energy (MeV)

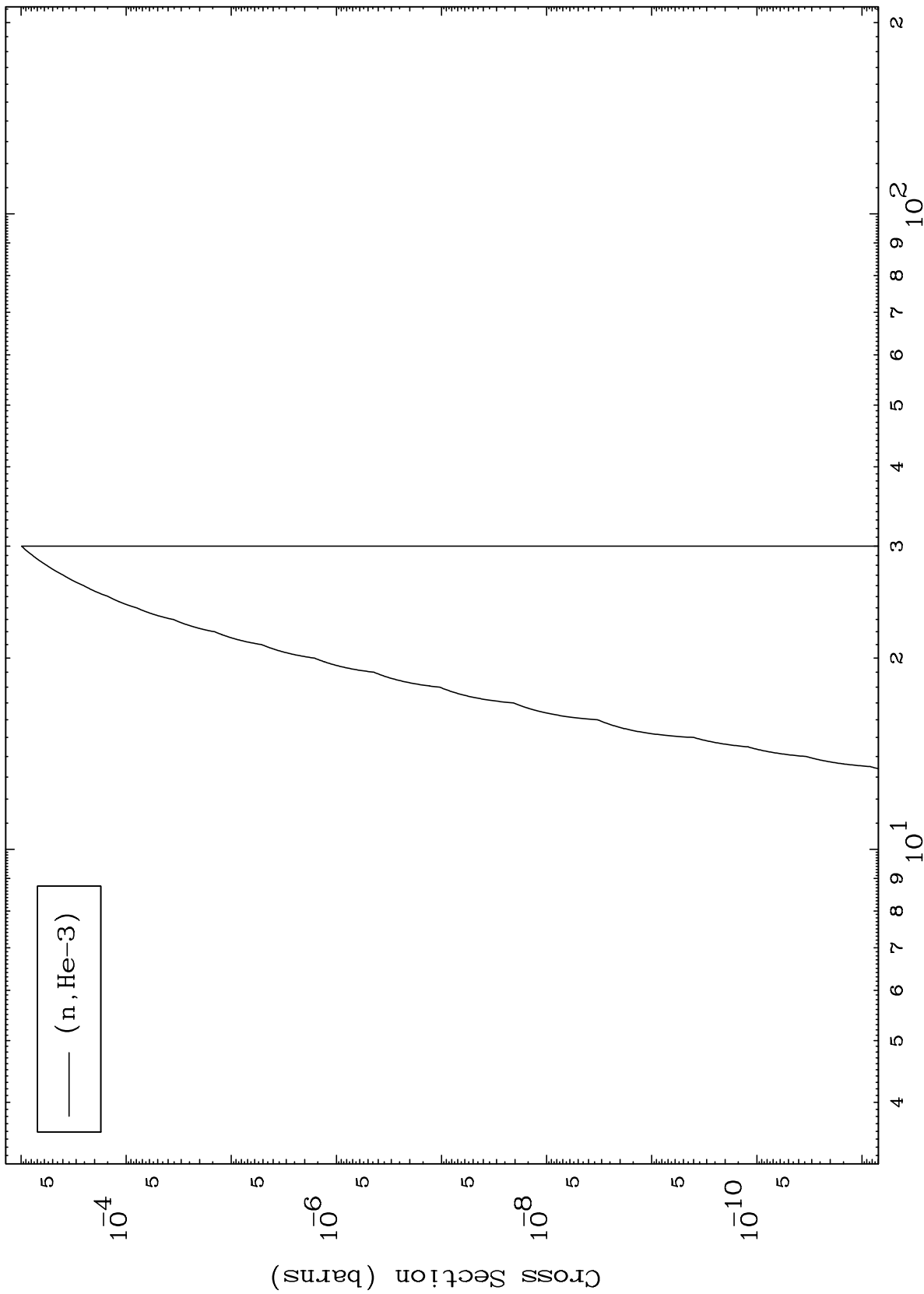
75-Re-182



MAT 7516

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-182



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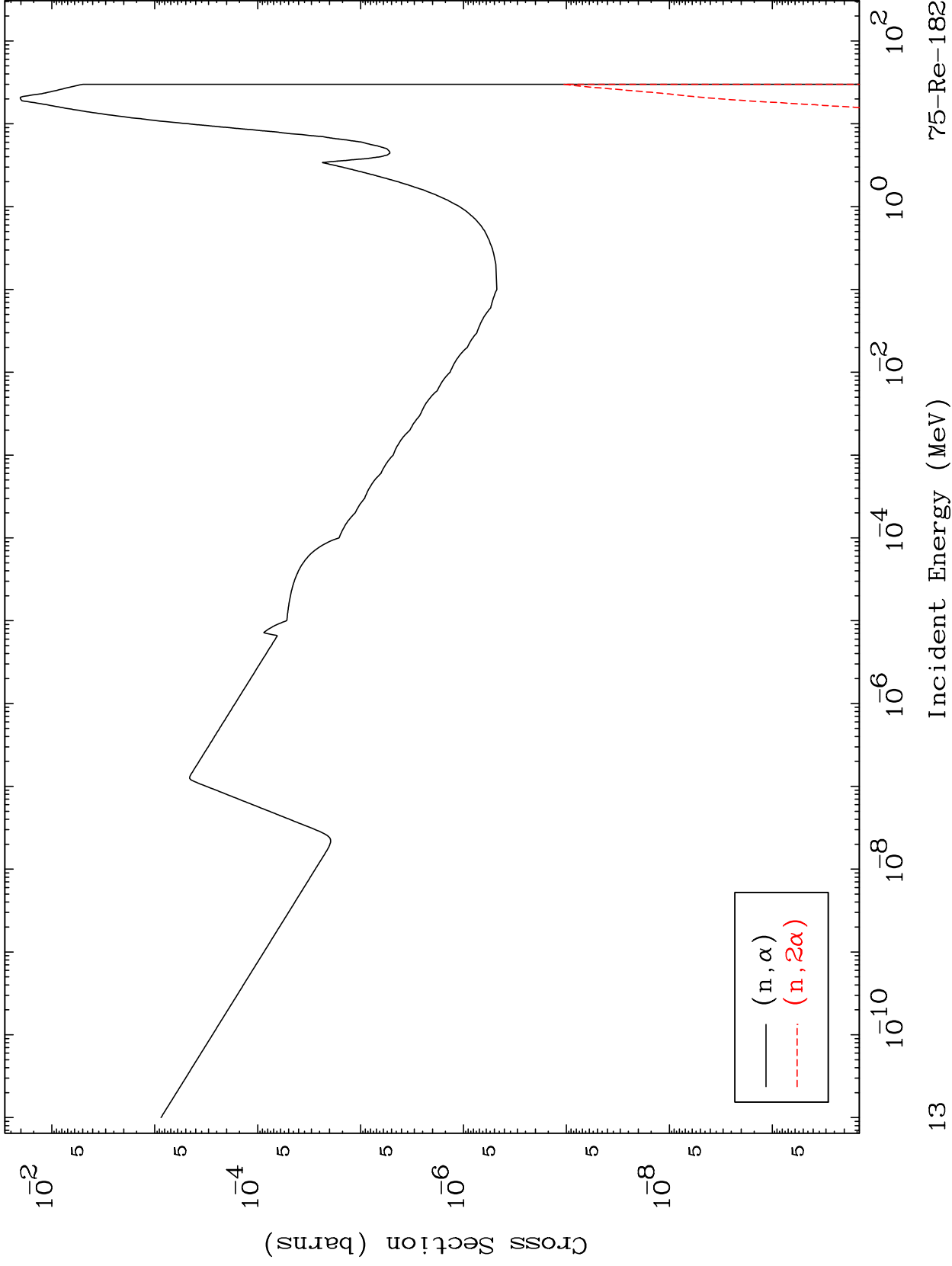
Incident Energy (MeV)

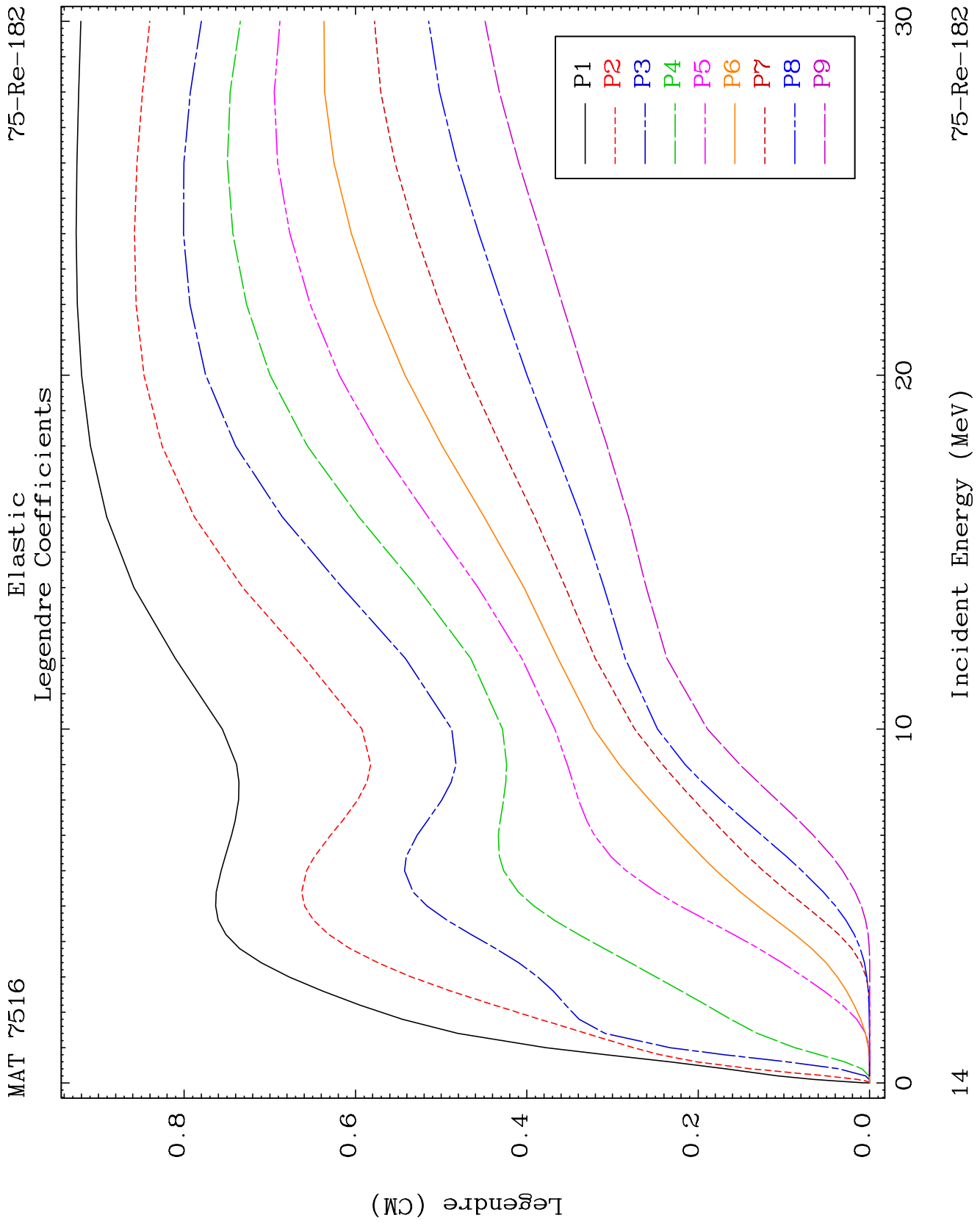
75-Re-182

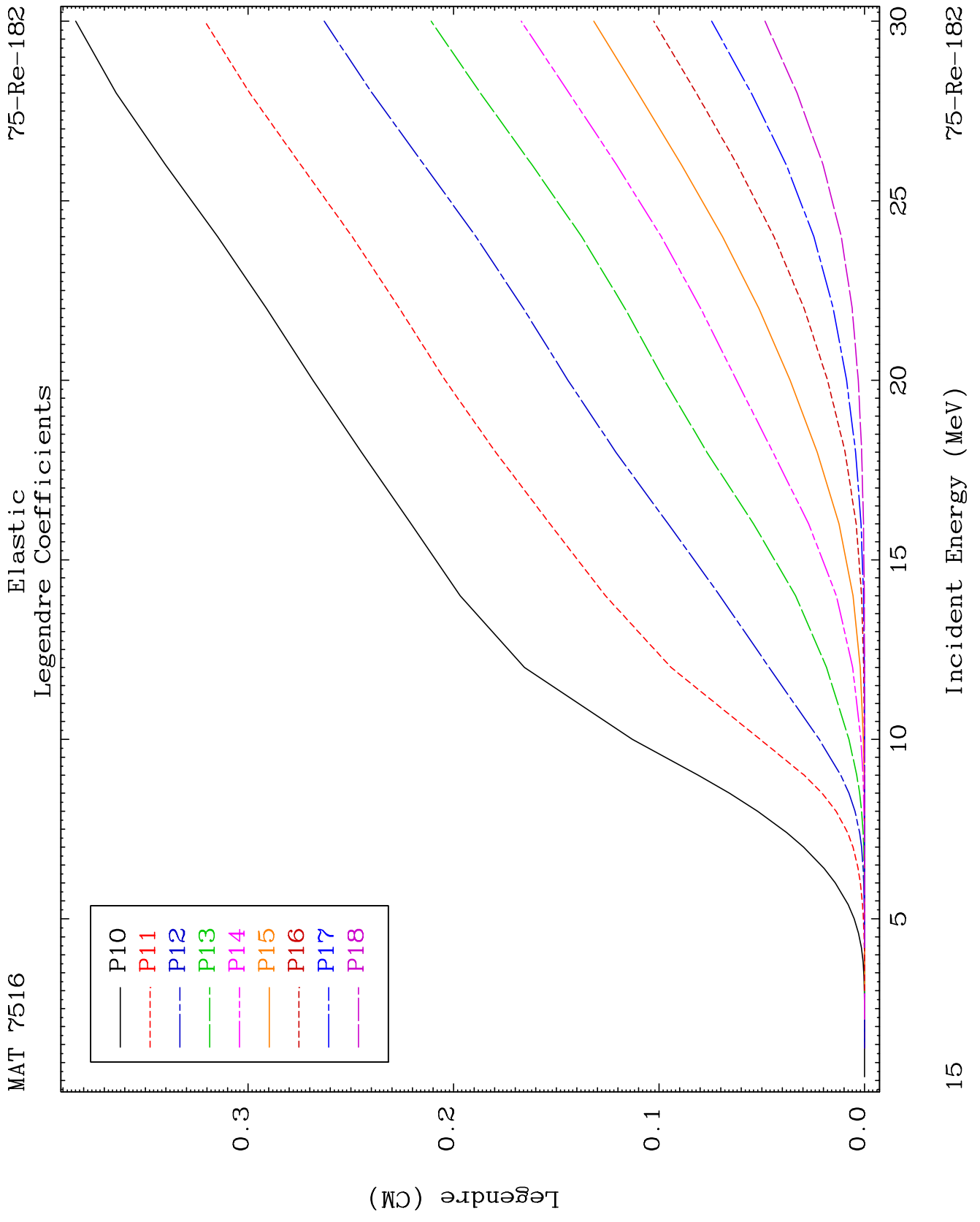
MAT 7516

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

75-Re-182





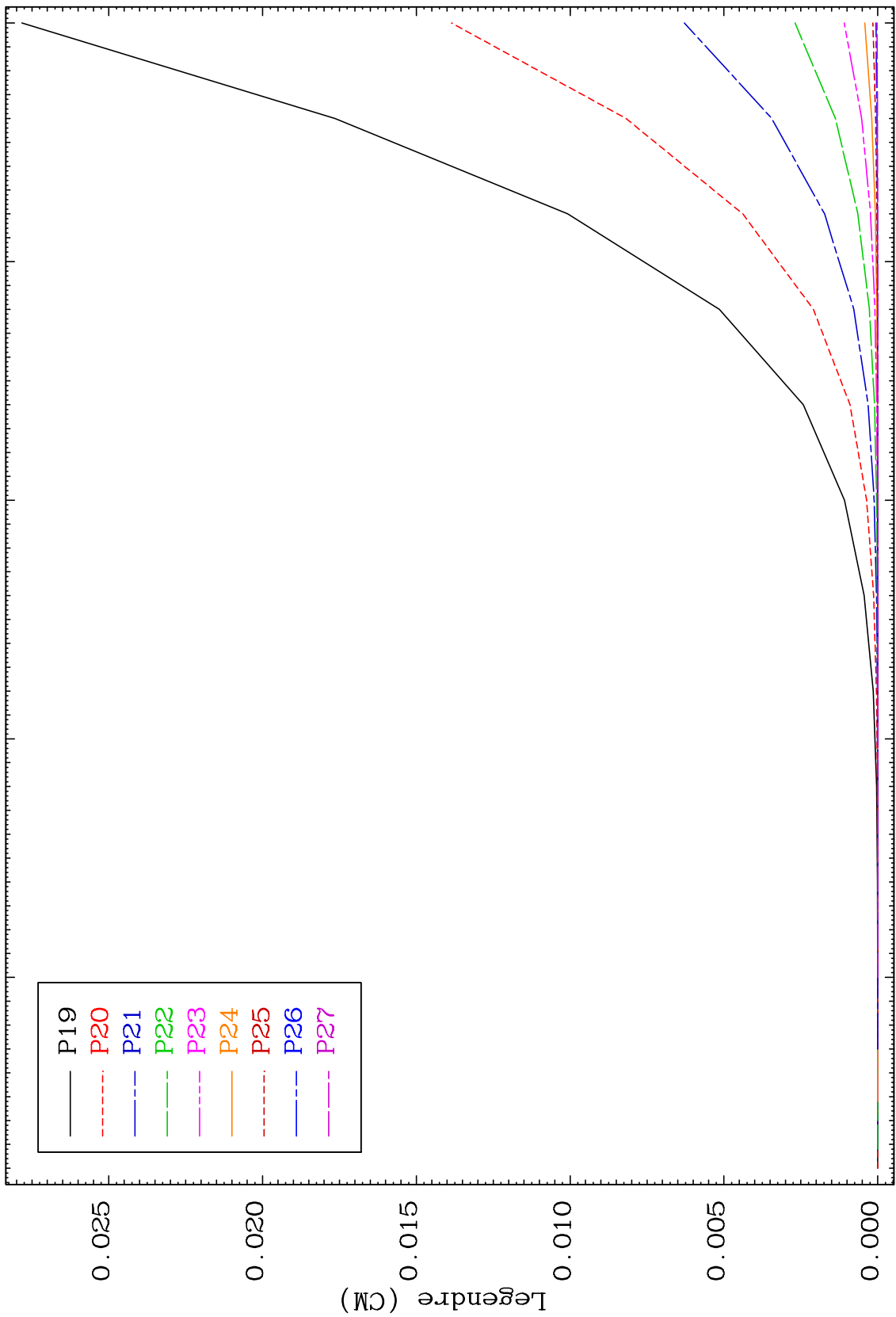




MAT 7516

Elastic Legendre Coefficients

75-Re-182



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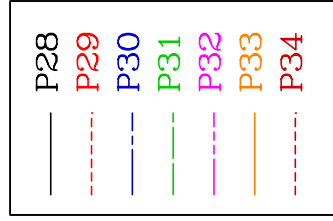
Incident Energy (MeV)

75-Re-182

MAT 7516

Elastic Legendre Coefficients

75-Re-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

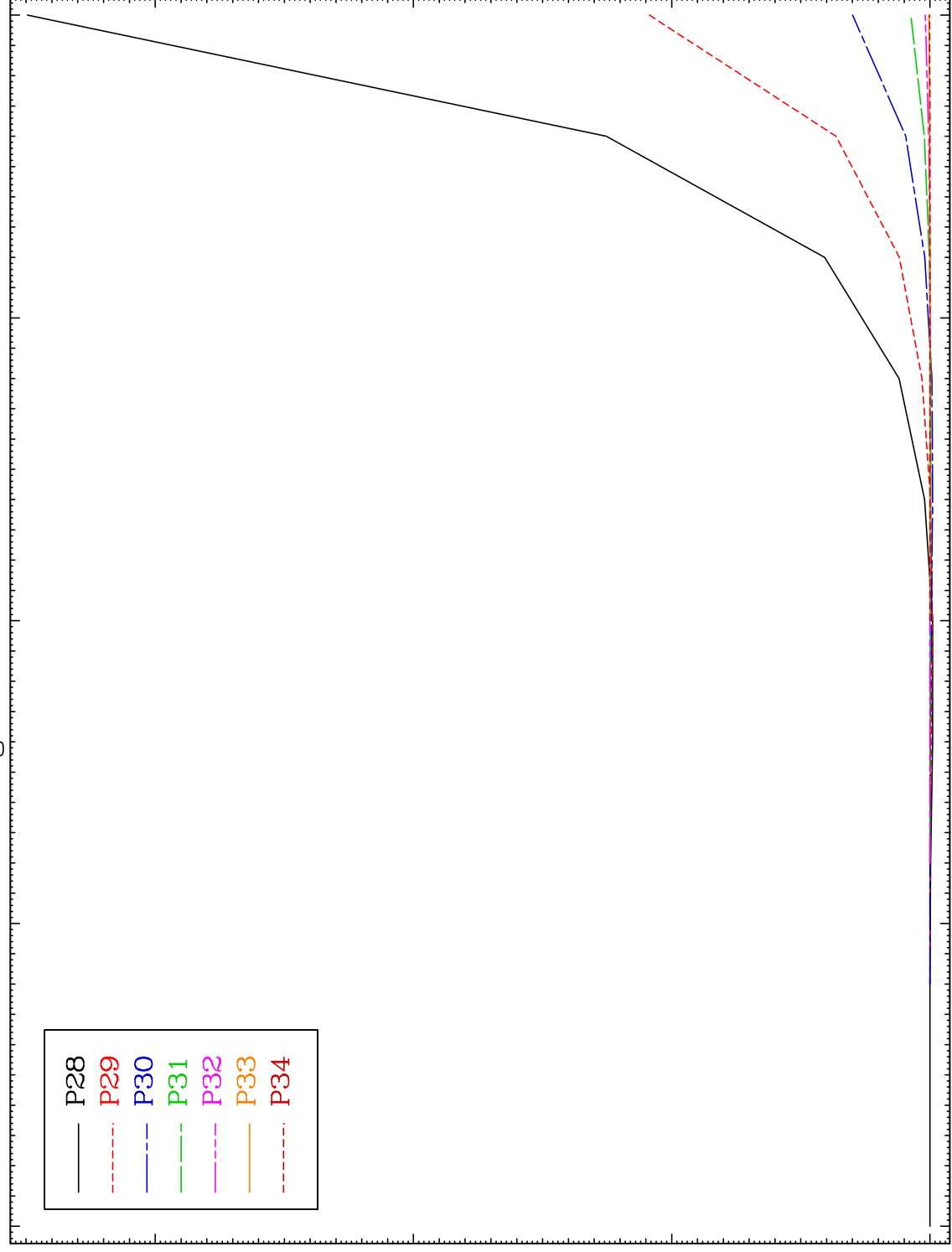
25

30

17

Incident Energy (MeV)

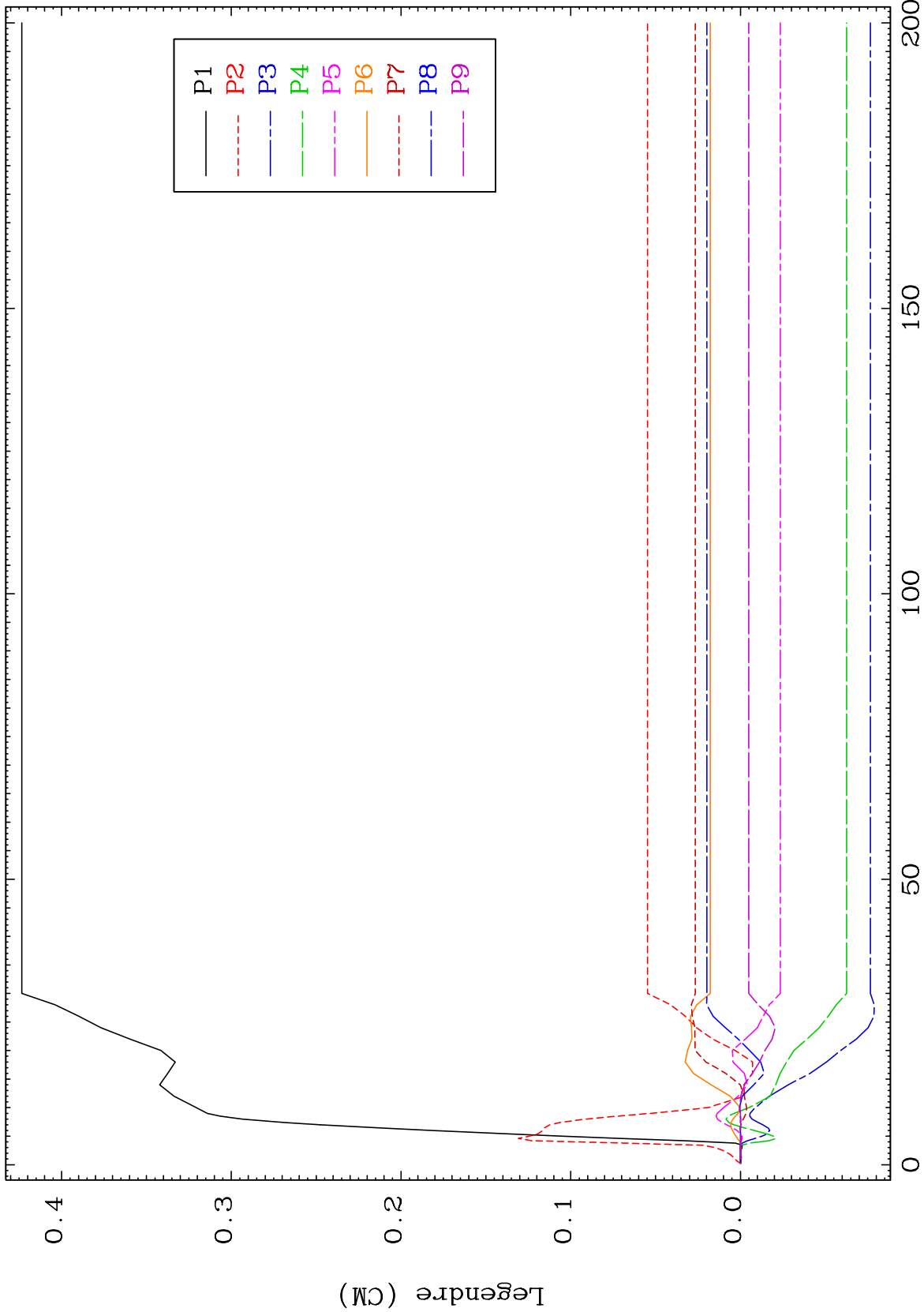
75-Re-182



MAT 7516

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

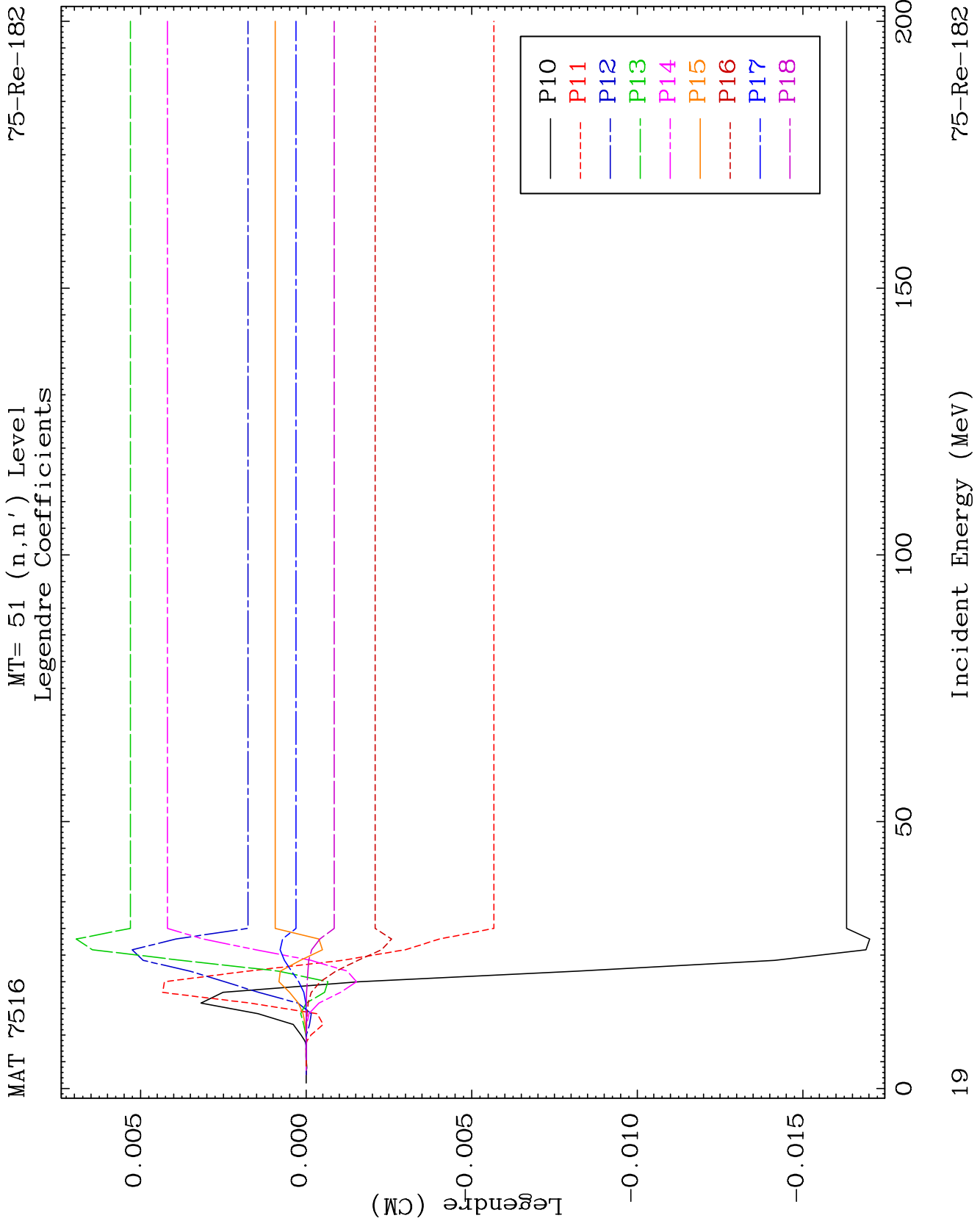
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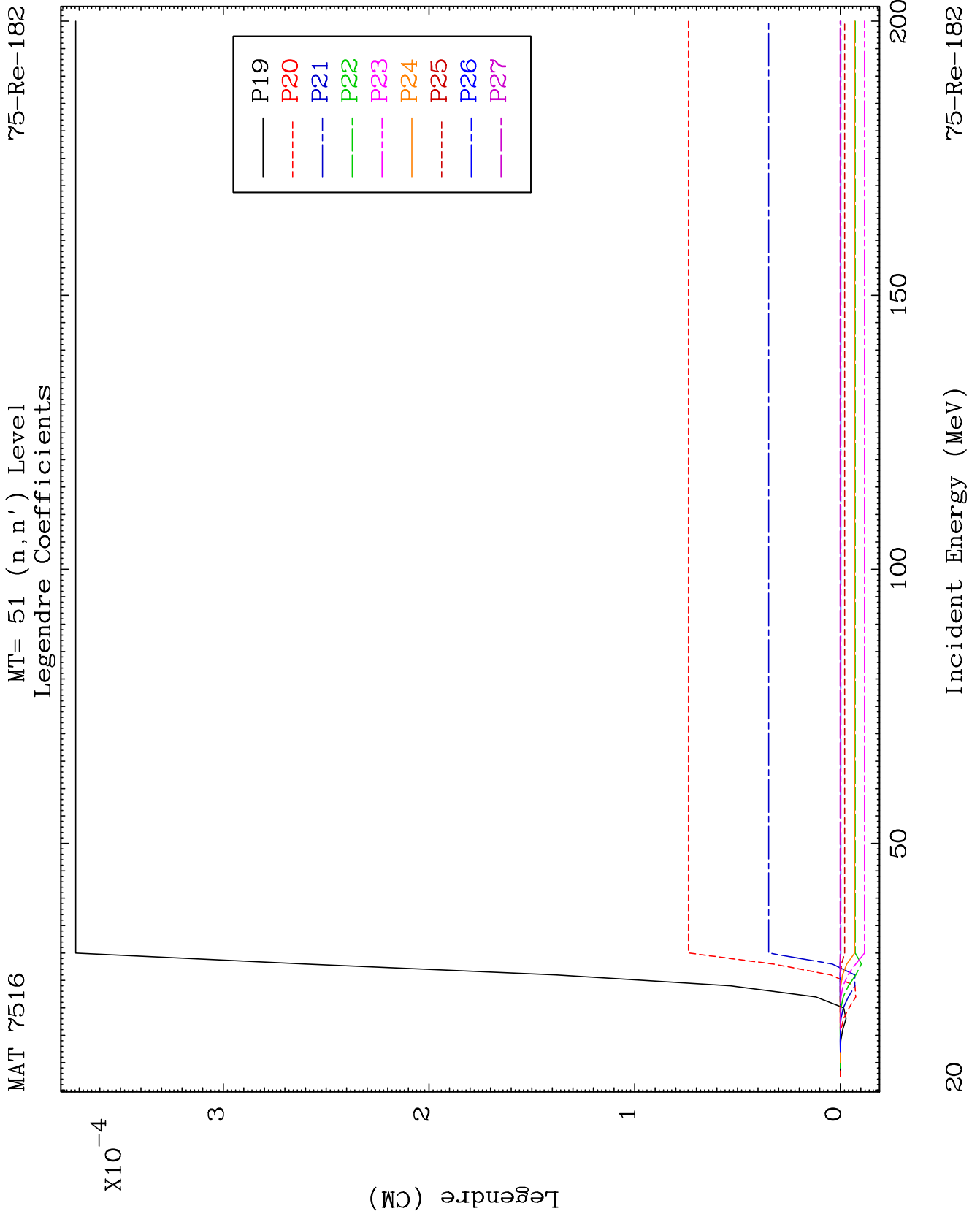


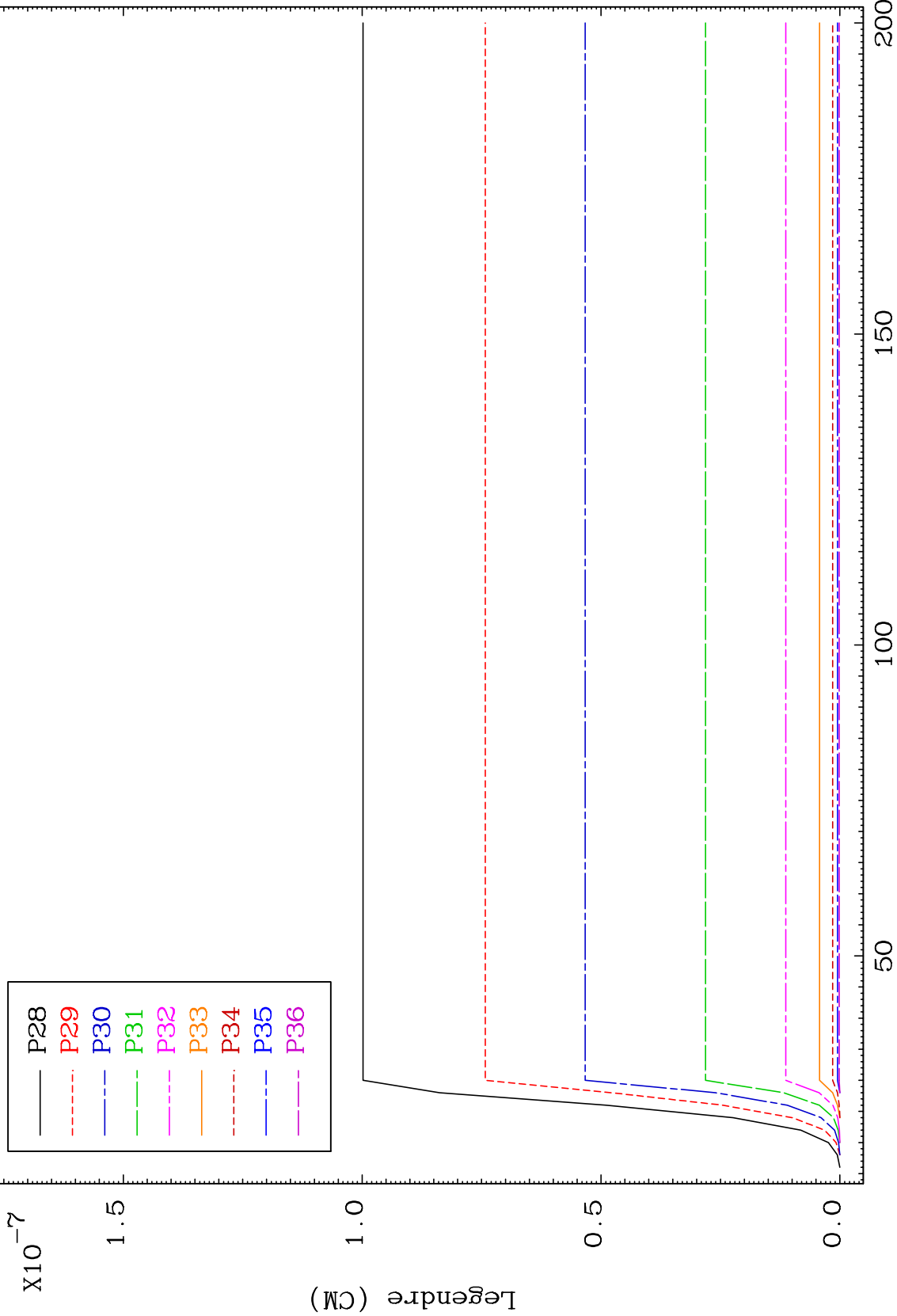
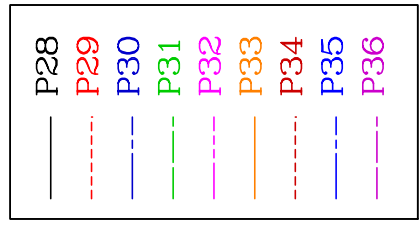
18

Incident Energy (MeV)

75-Re-182



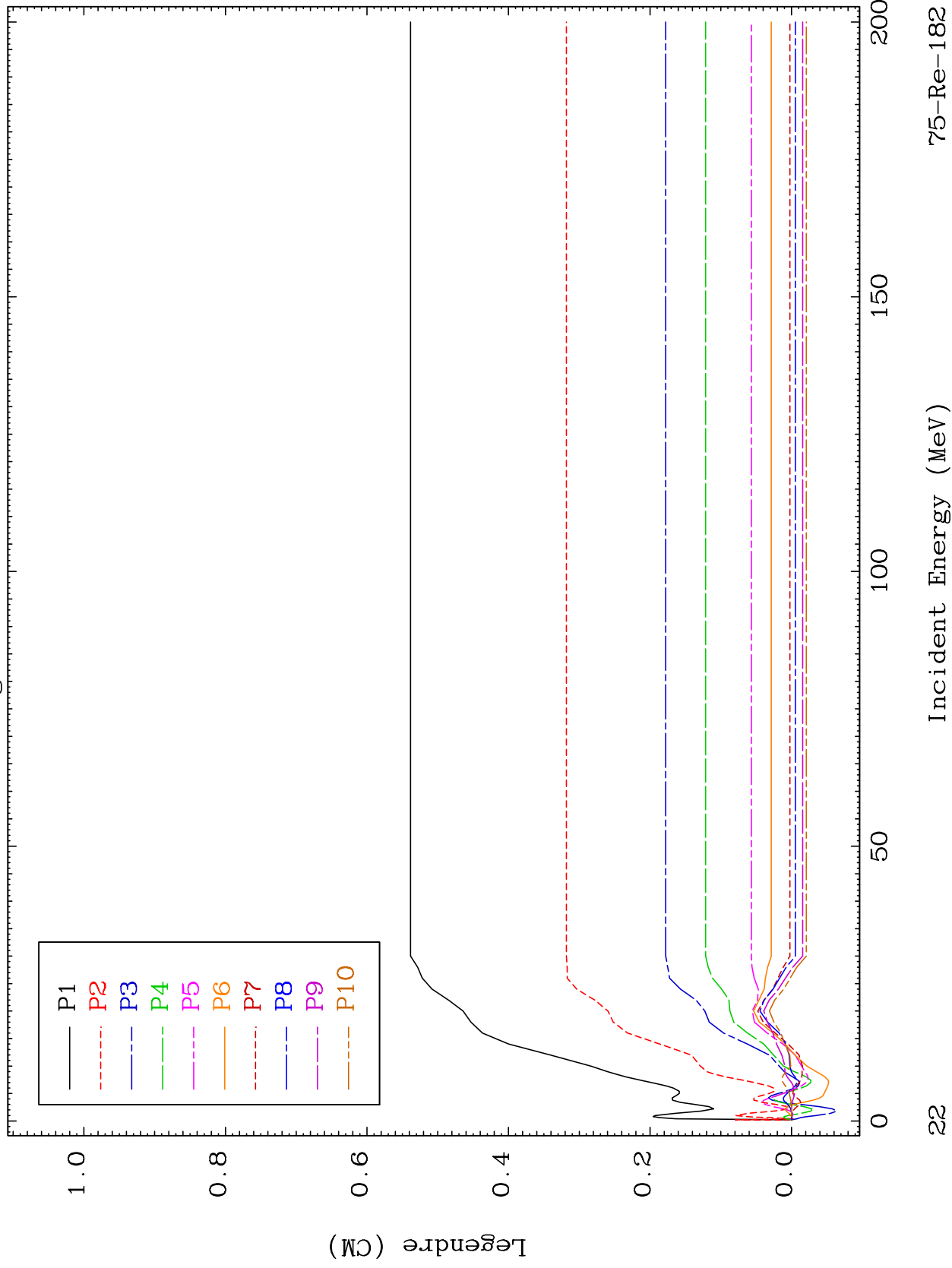




MAT 7516

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

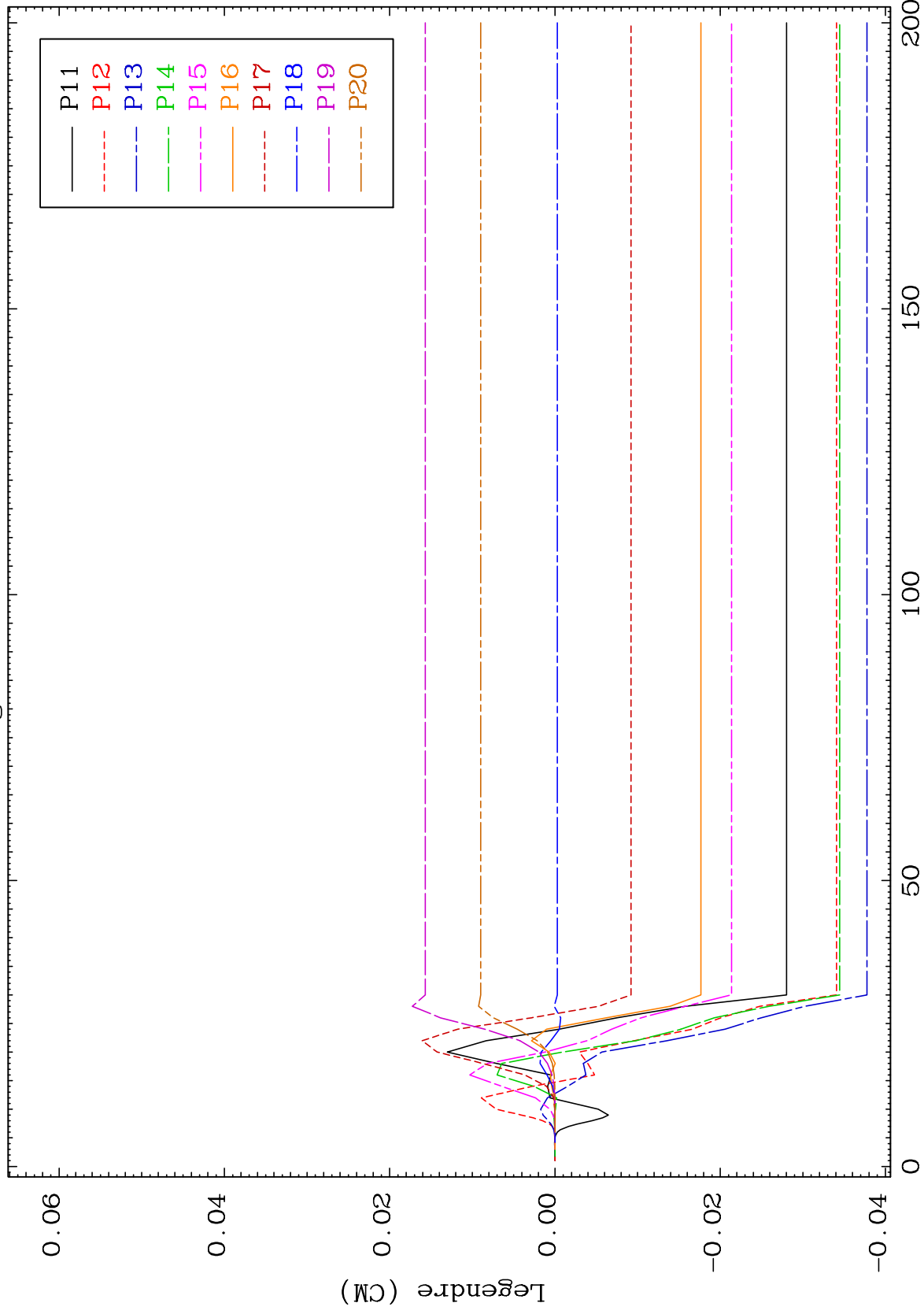
75-Re-182



MAT 7516

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

75-Re-182



23

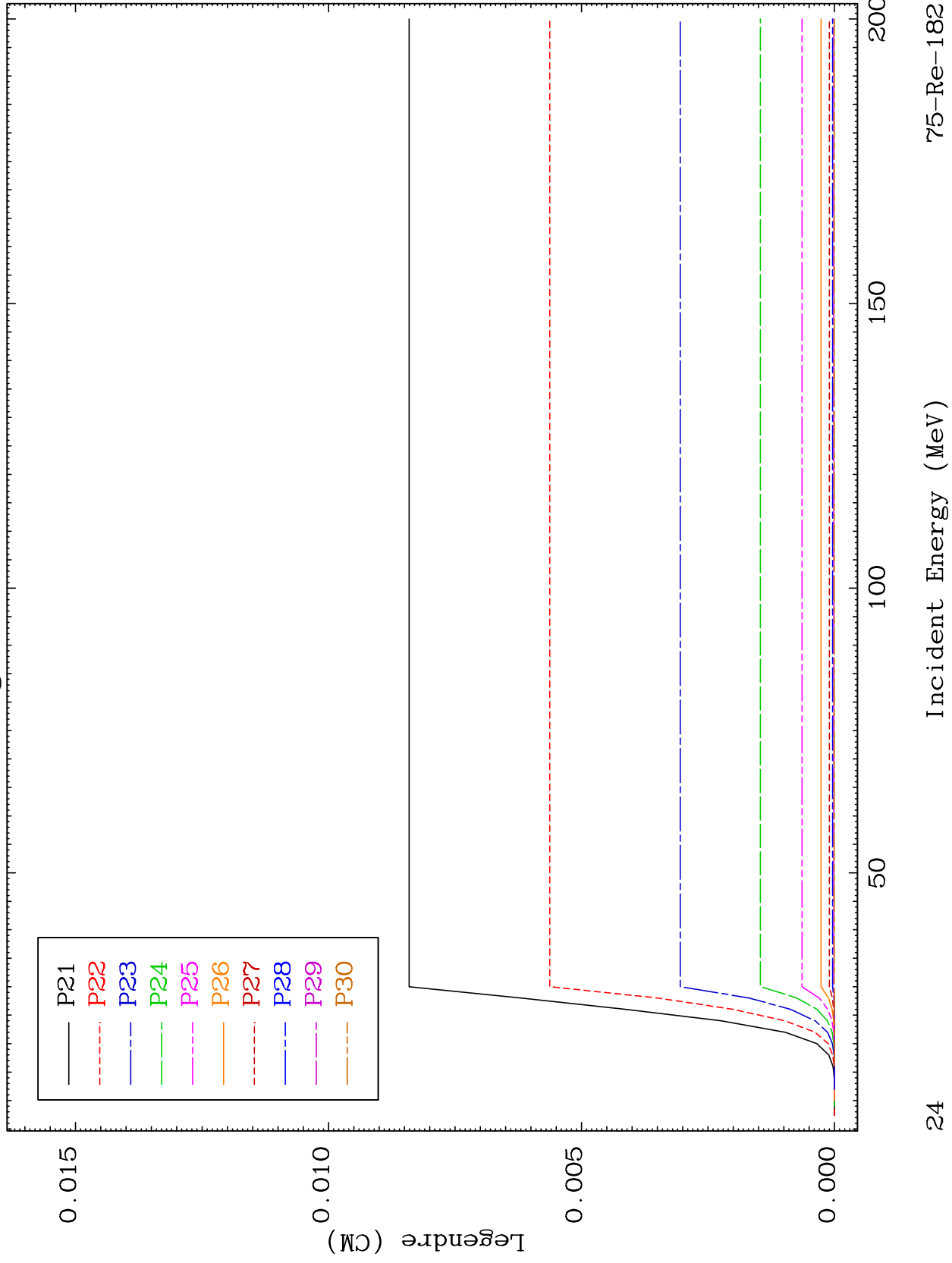
75-Re-182



MAT 7516

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

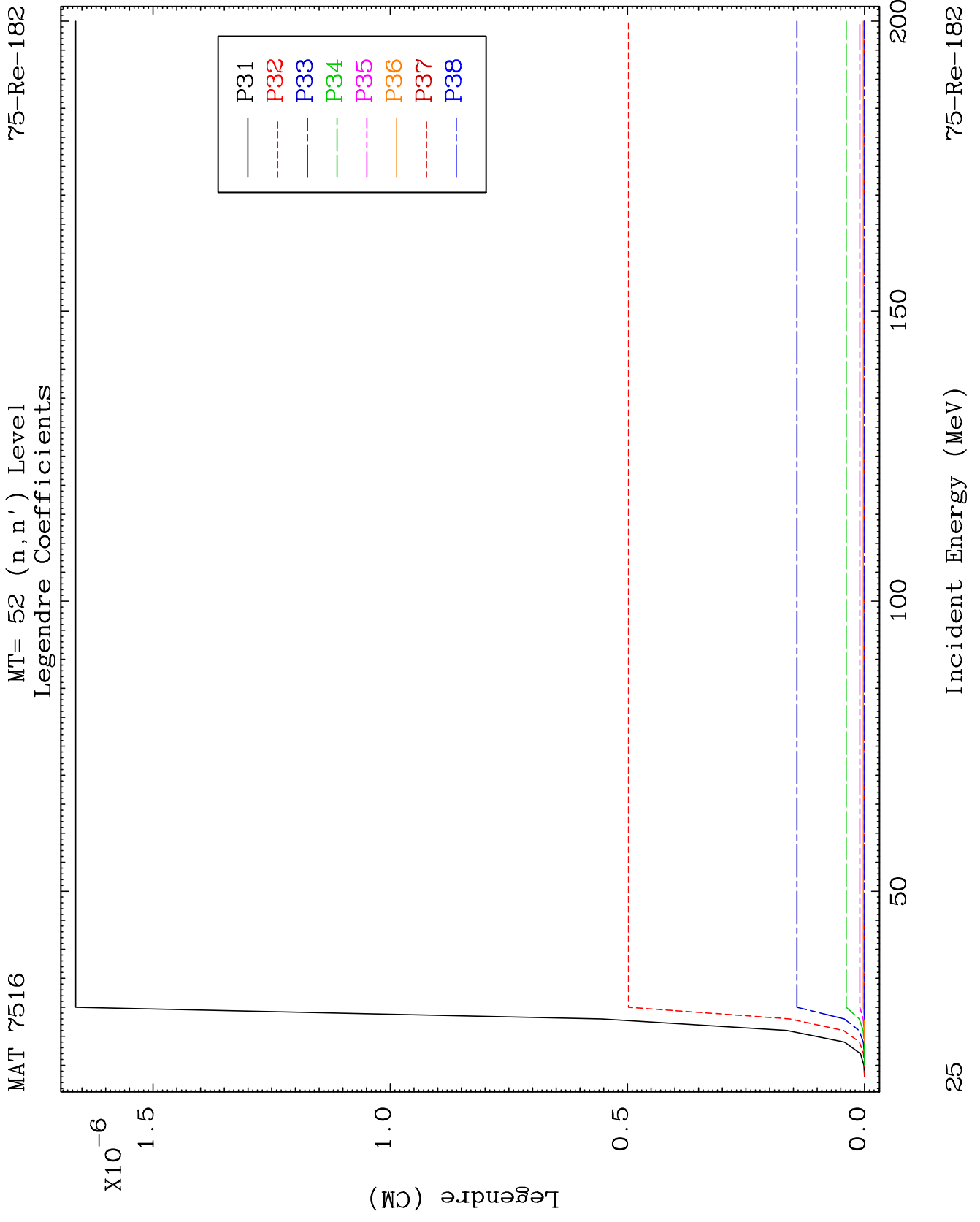
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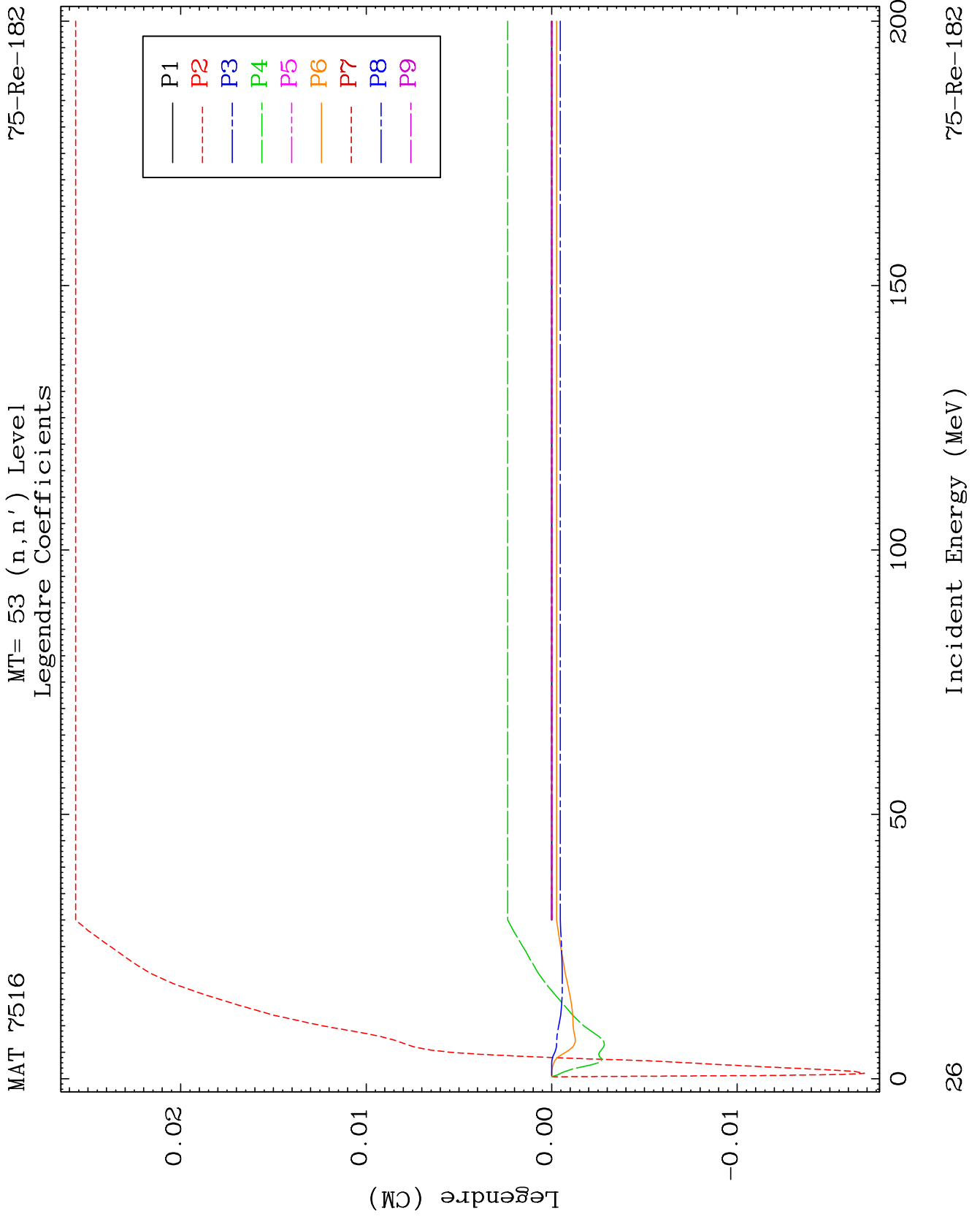


24

Incident Energy (MeV)

75-Re-182

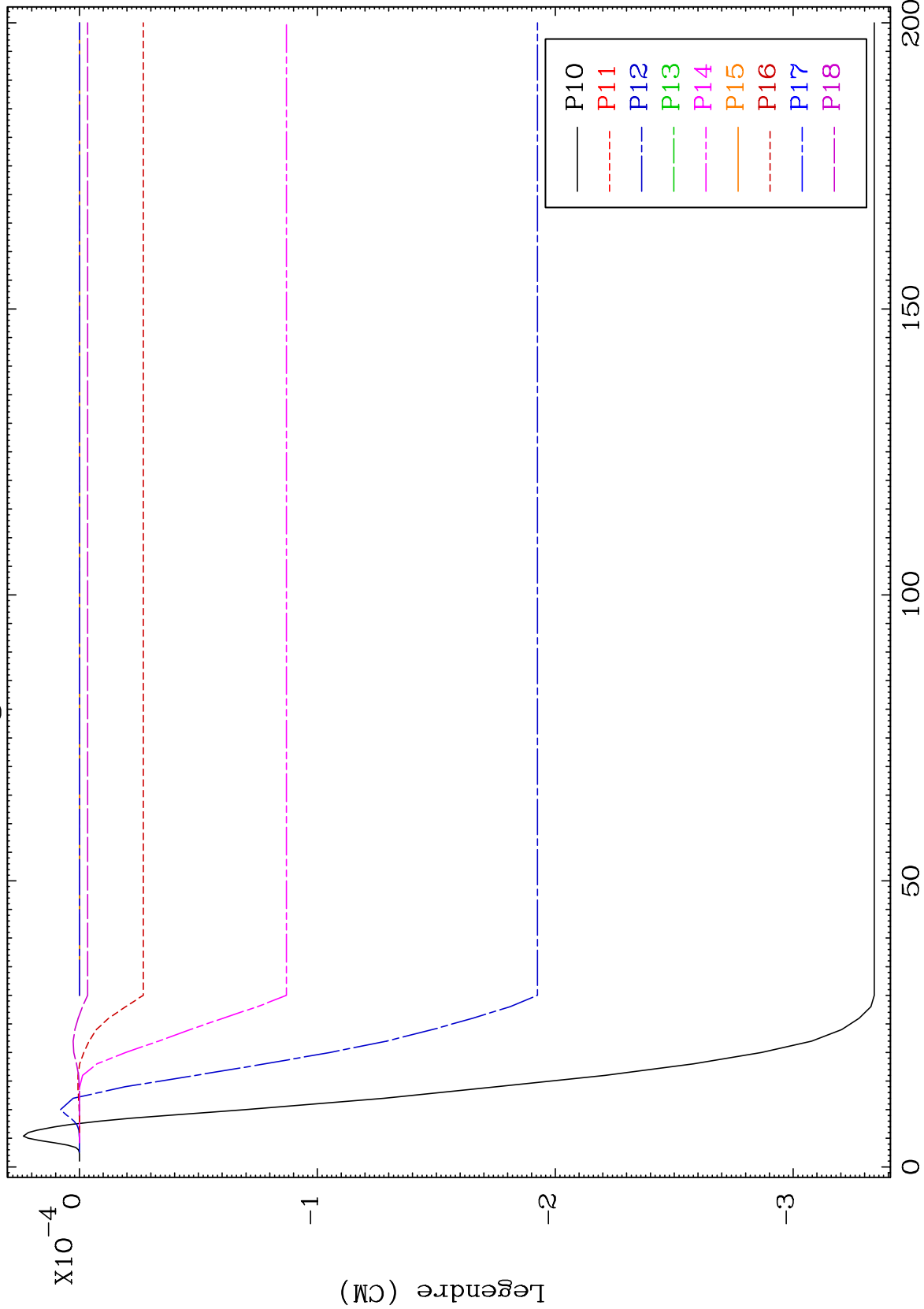




MAT 7516

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

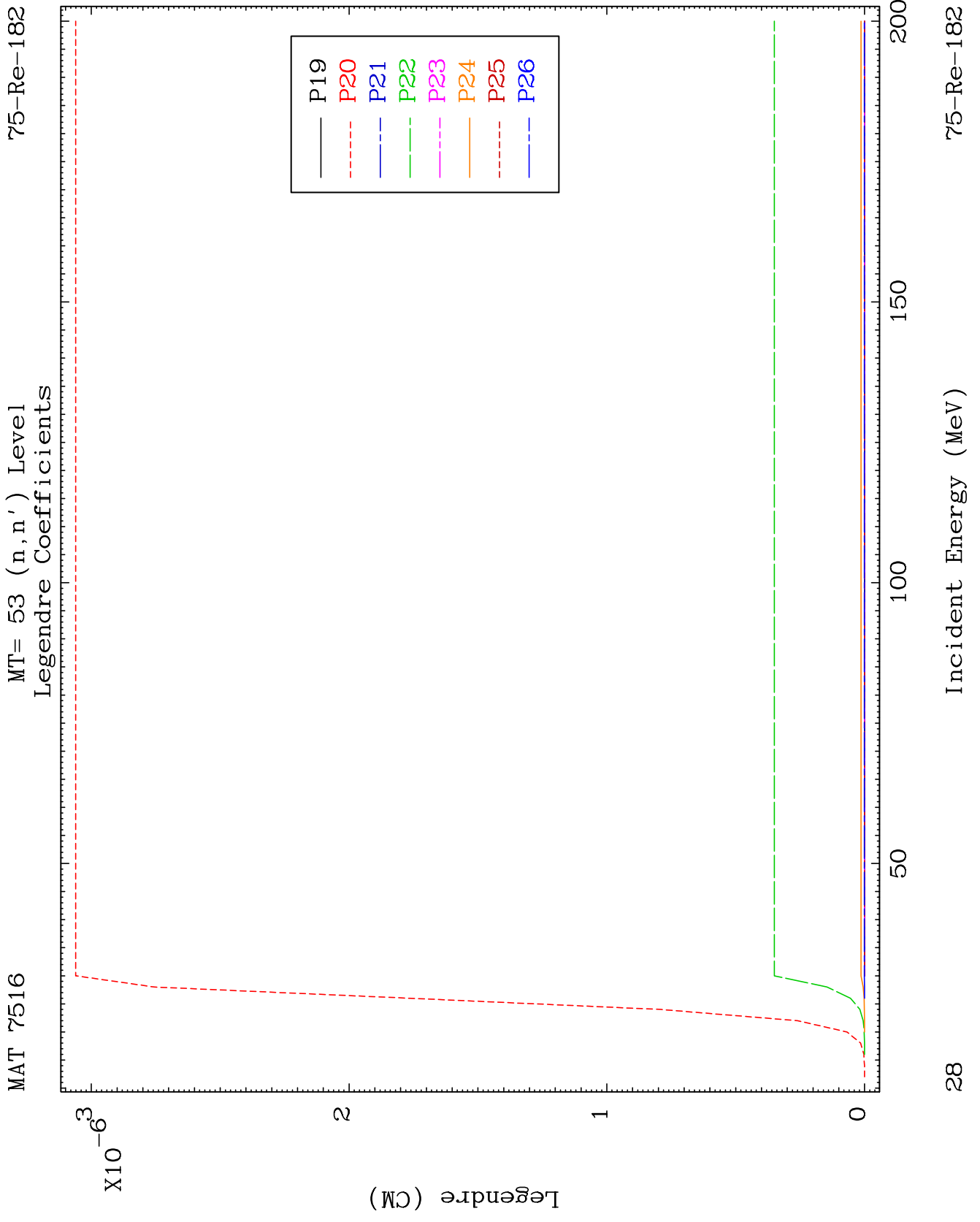
75-Re-182



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Incident Energy (MeV)

75-Re-182

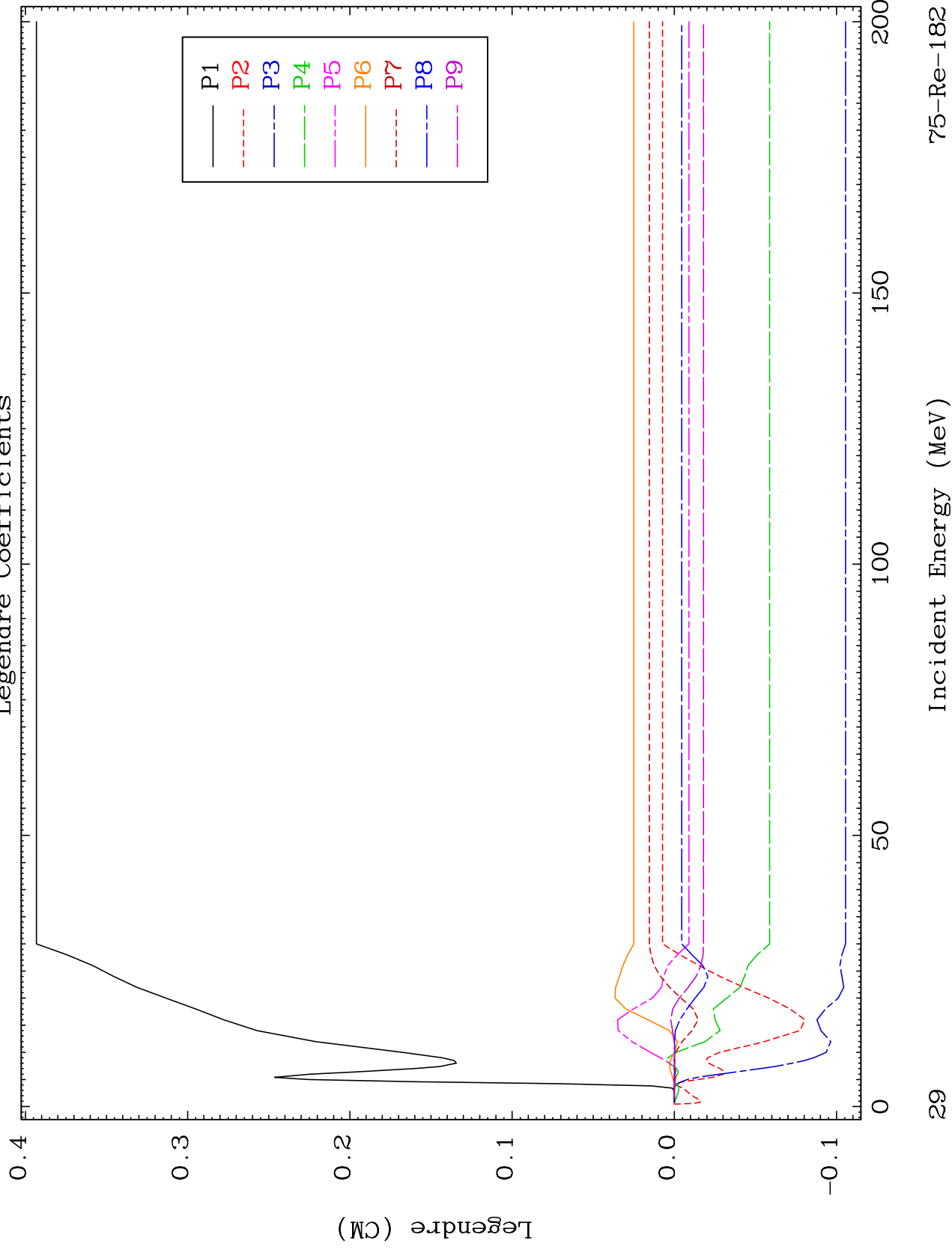


MAT 7516

MT= 54 (n,n') Level

75-Re-182

Legendre Coefficients



29

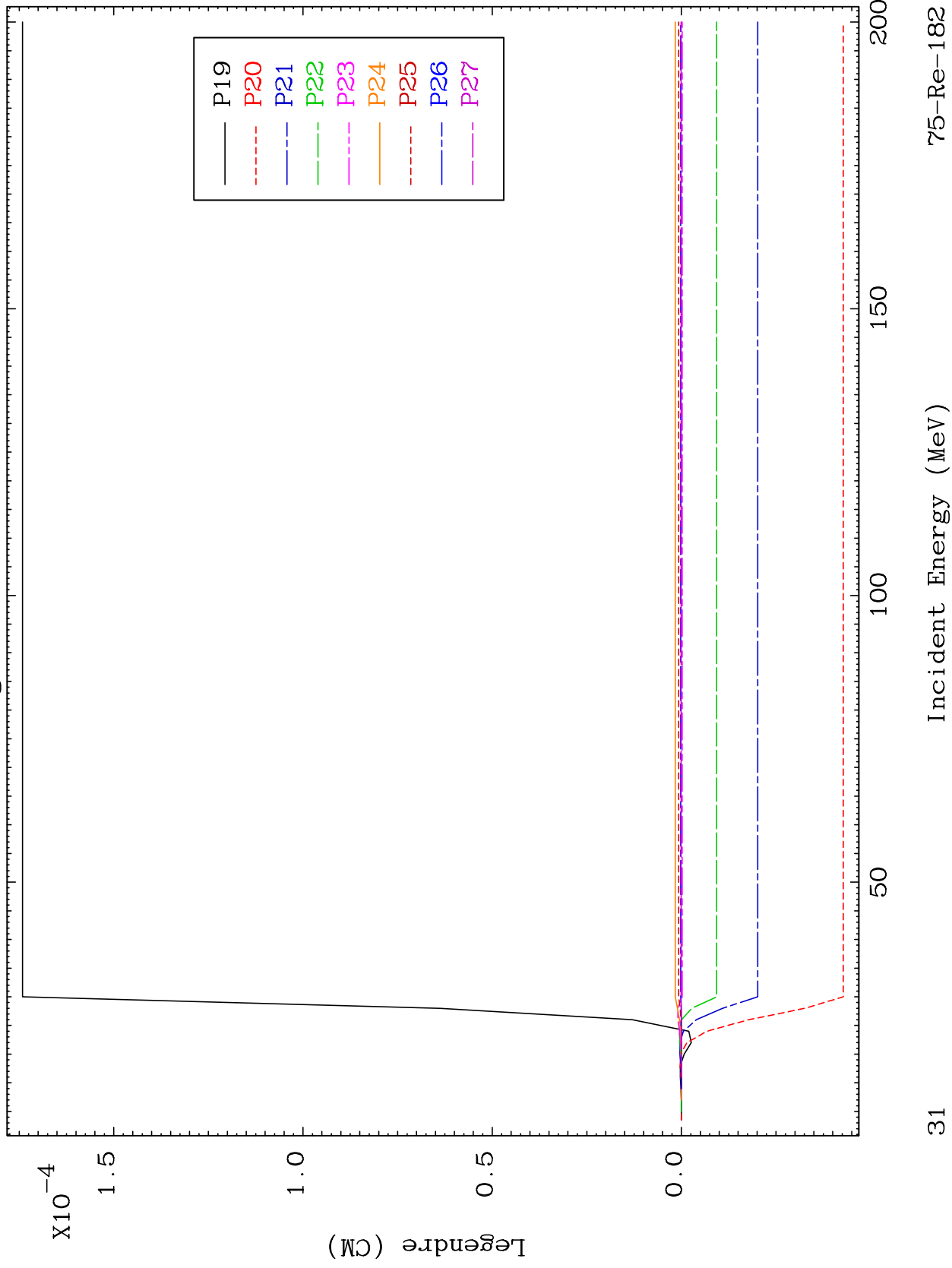
75-Re-182



MAT 7516

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

75-Re-182



31

Incident Energy (MeV)

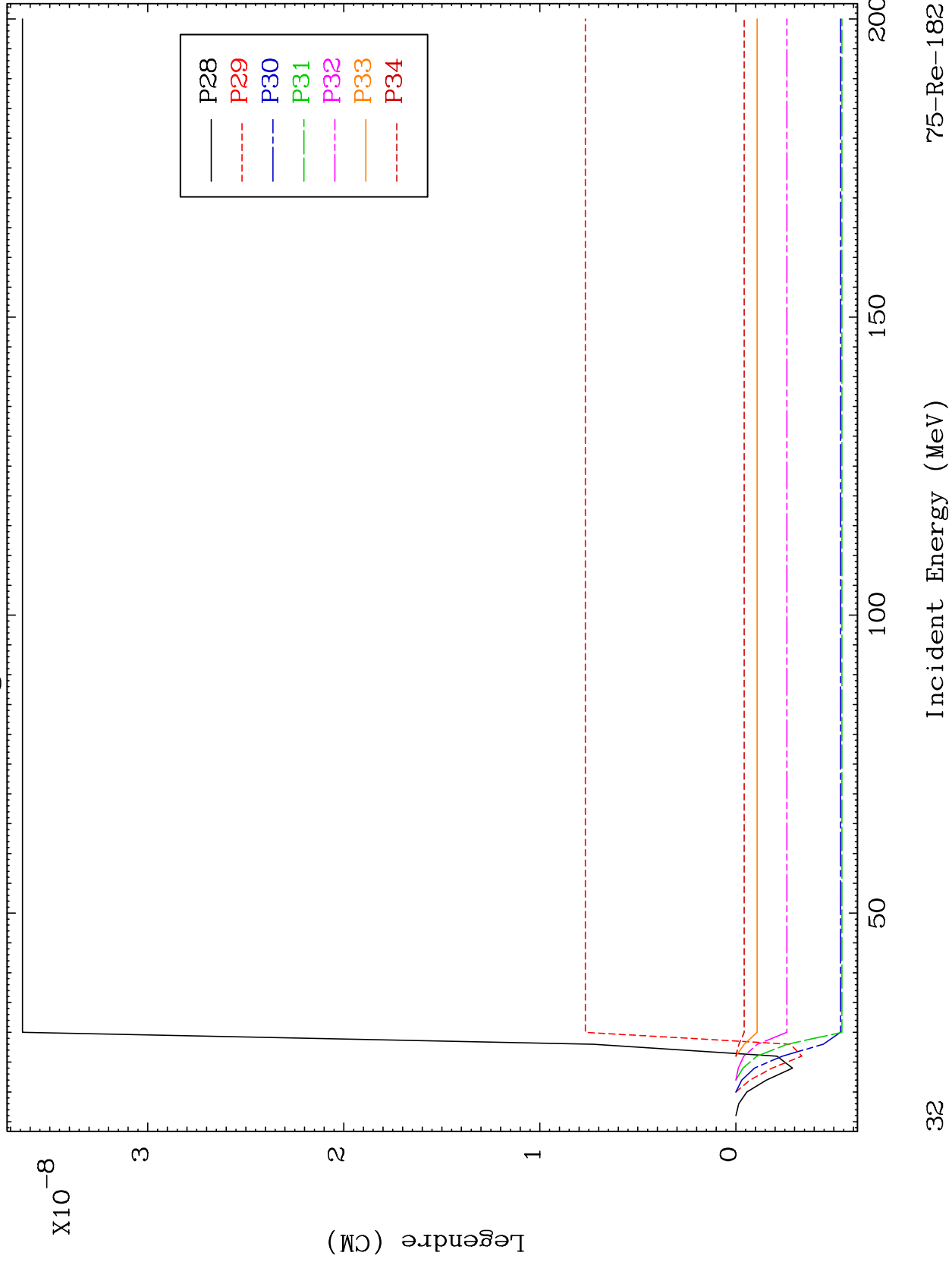
75-Re-182



MAT 7516

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

75-Re-182

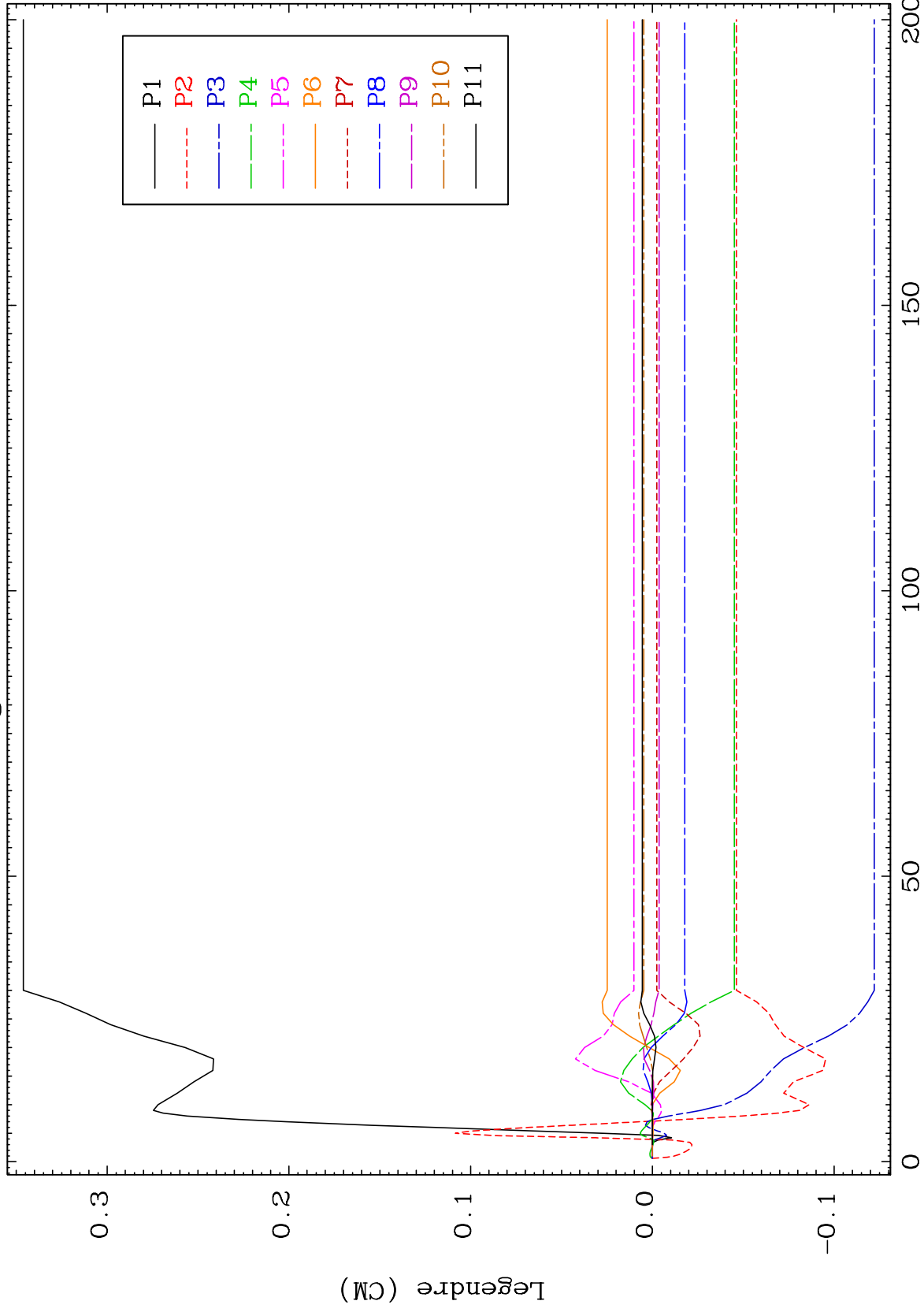


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MAT 7516

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

75-Re-182



33

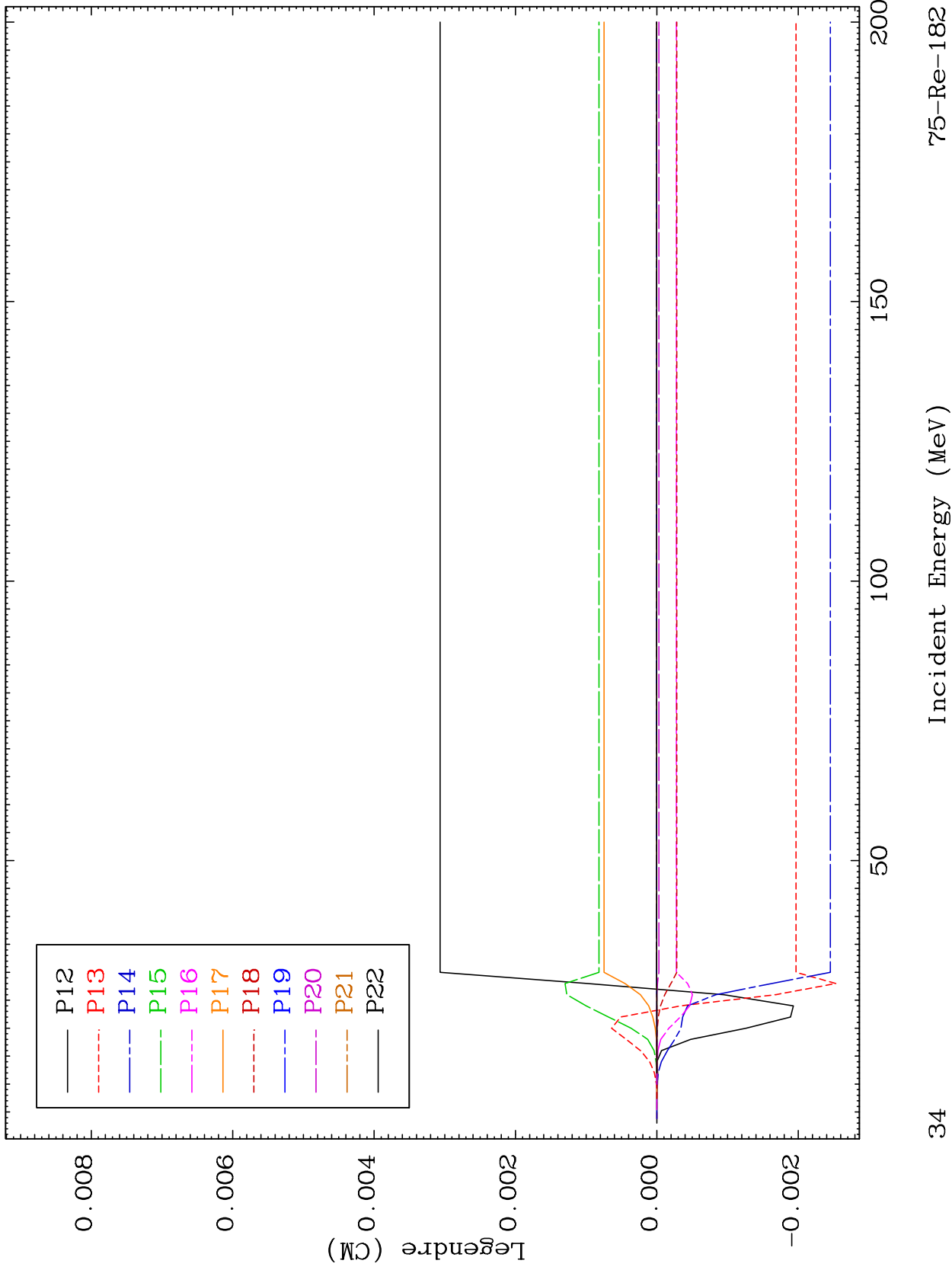
Incident Energy (MeV)

75-Re-182

MAT 7516

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

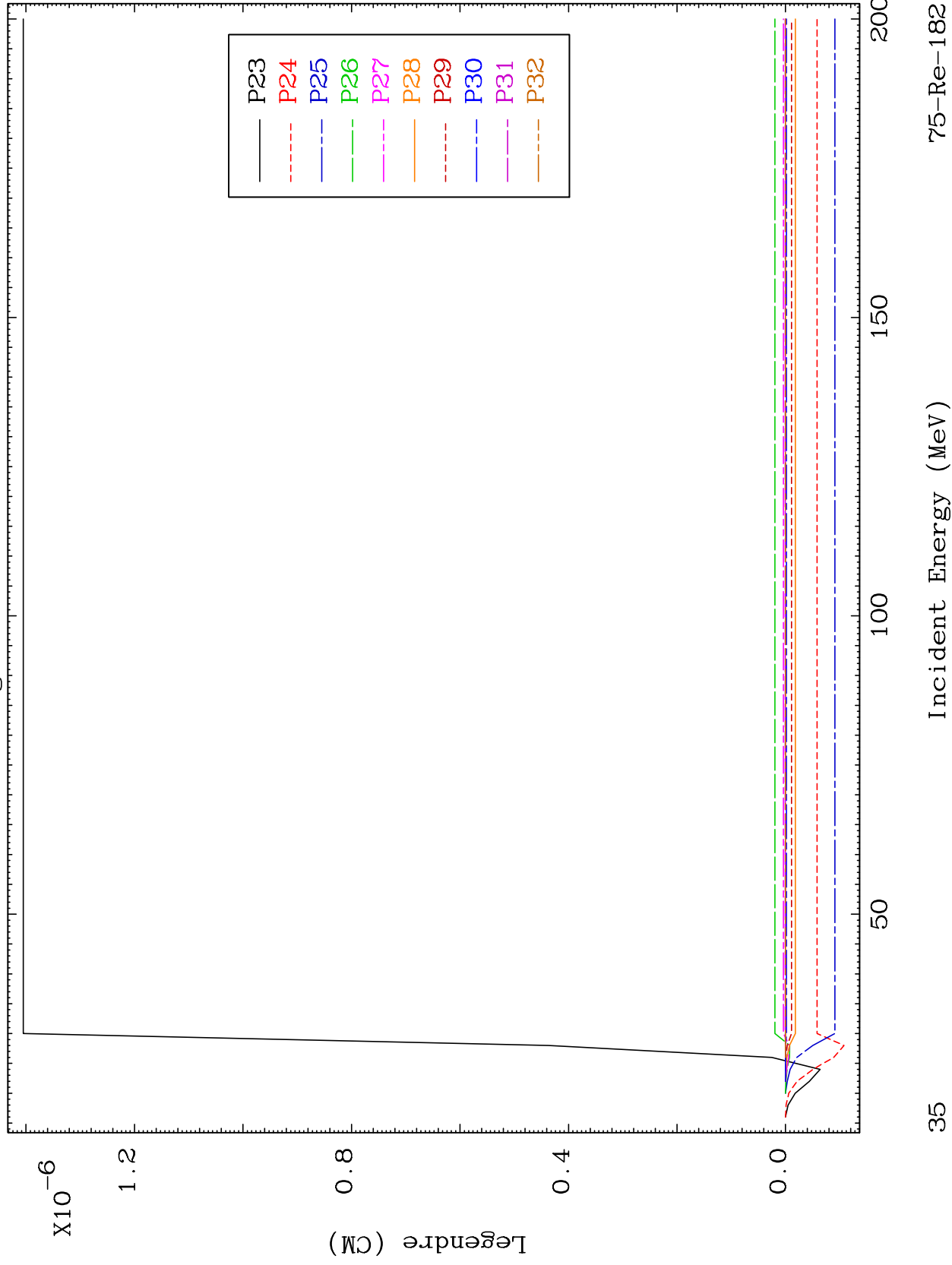
75-Re-182



MAT 7516

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

75-Re-182



35

Incident Energy (MeV)

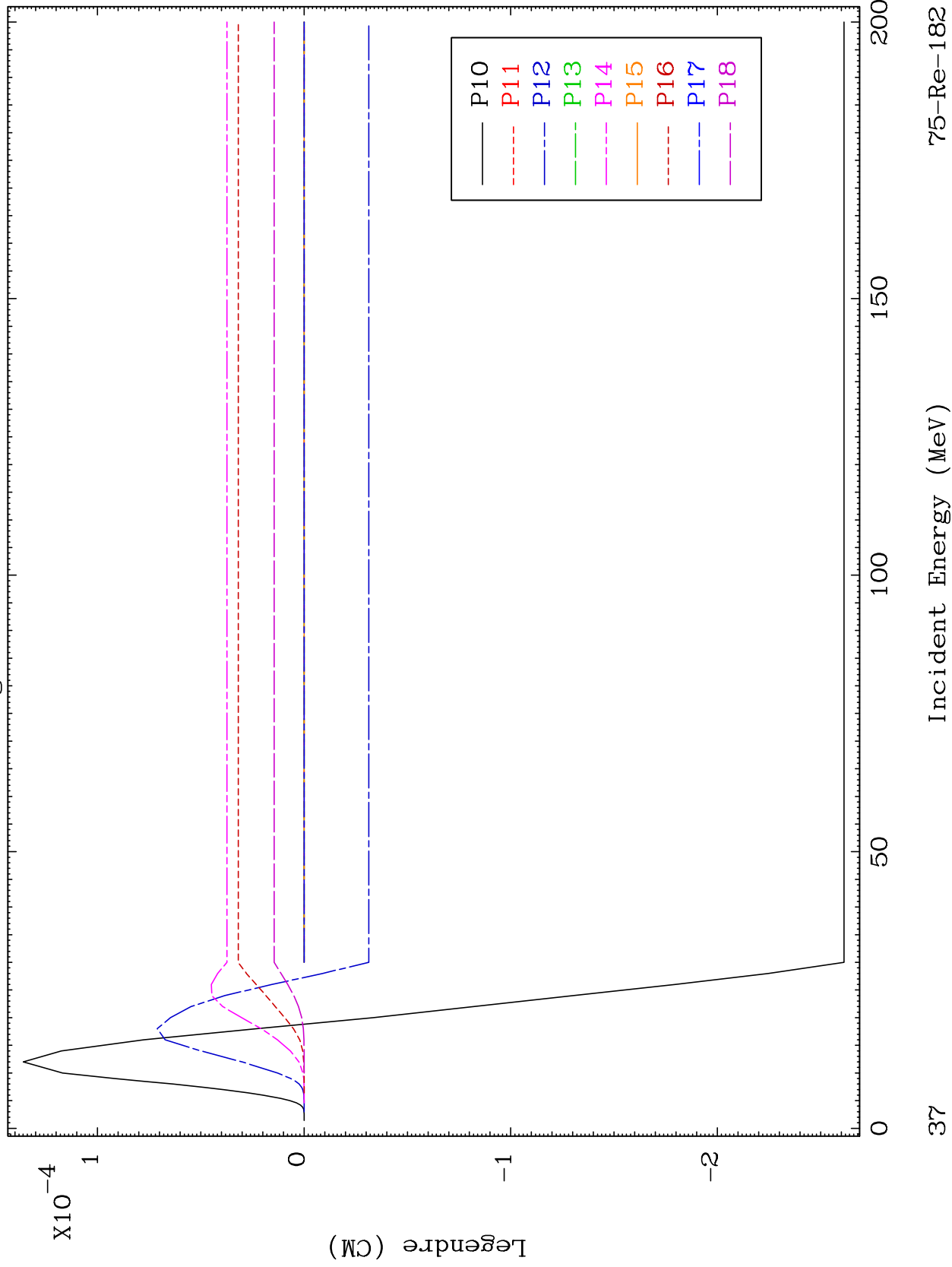
75-Re-182



MAT 7516

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

75-Re-182



37

Incident Energy (MeV)

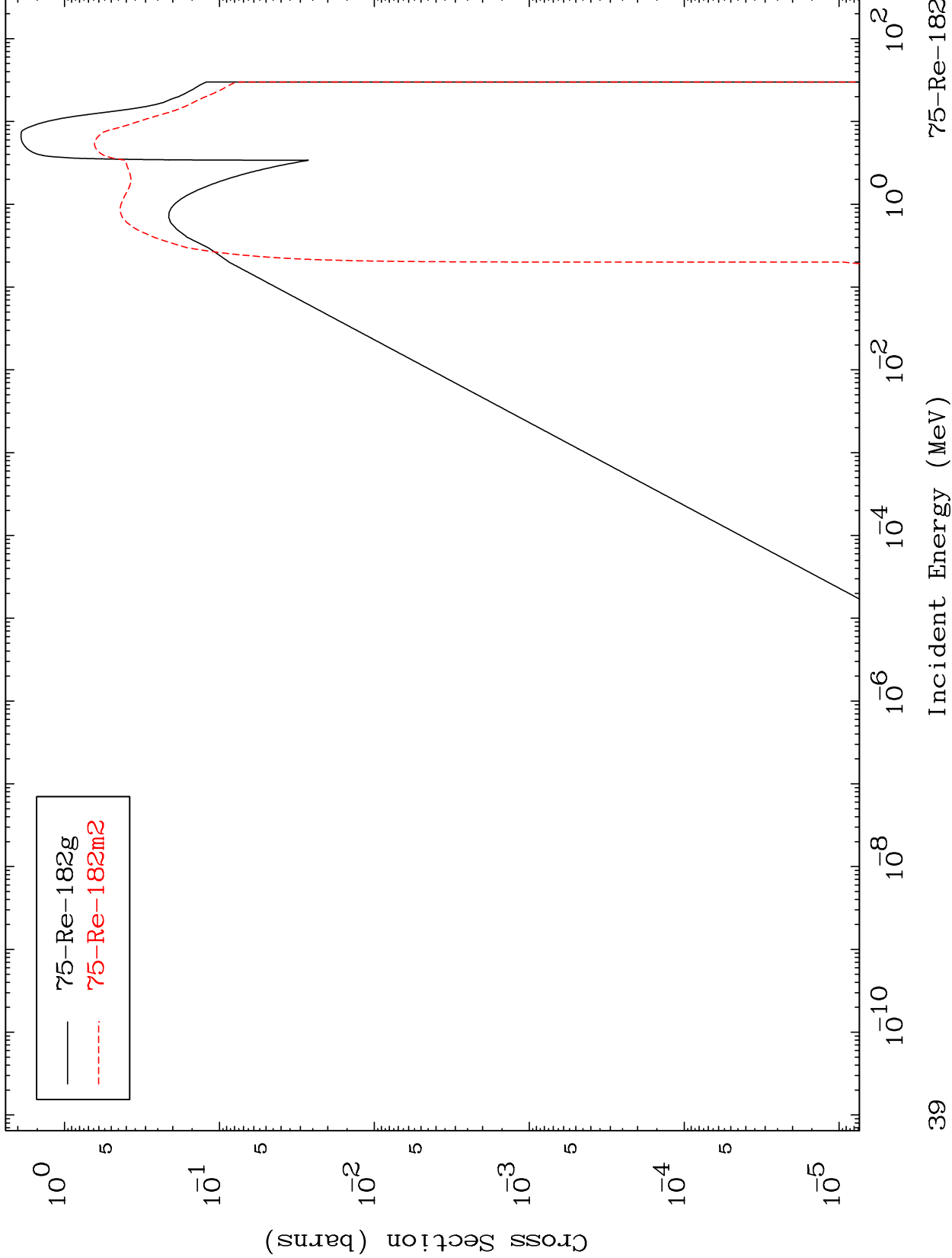
75-Re-182



MAT 7516

Inelastic  
Radionuclide Production Cross Section

75-Re-182



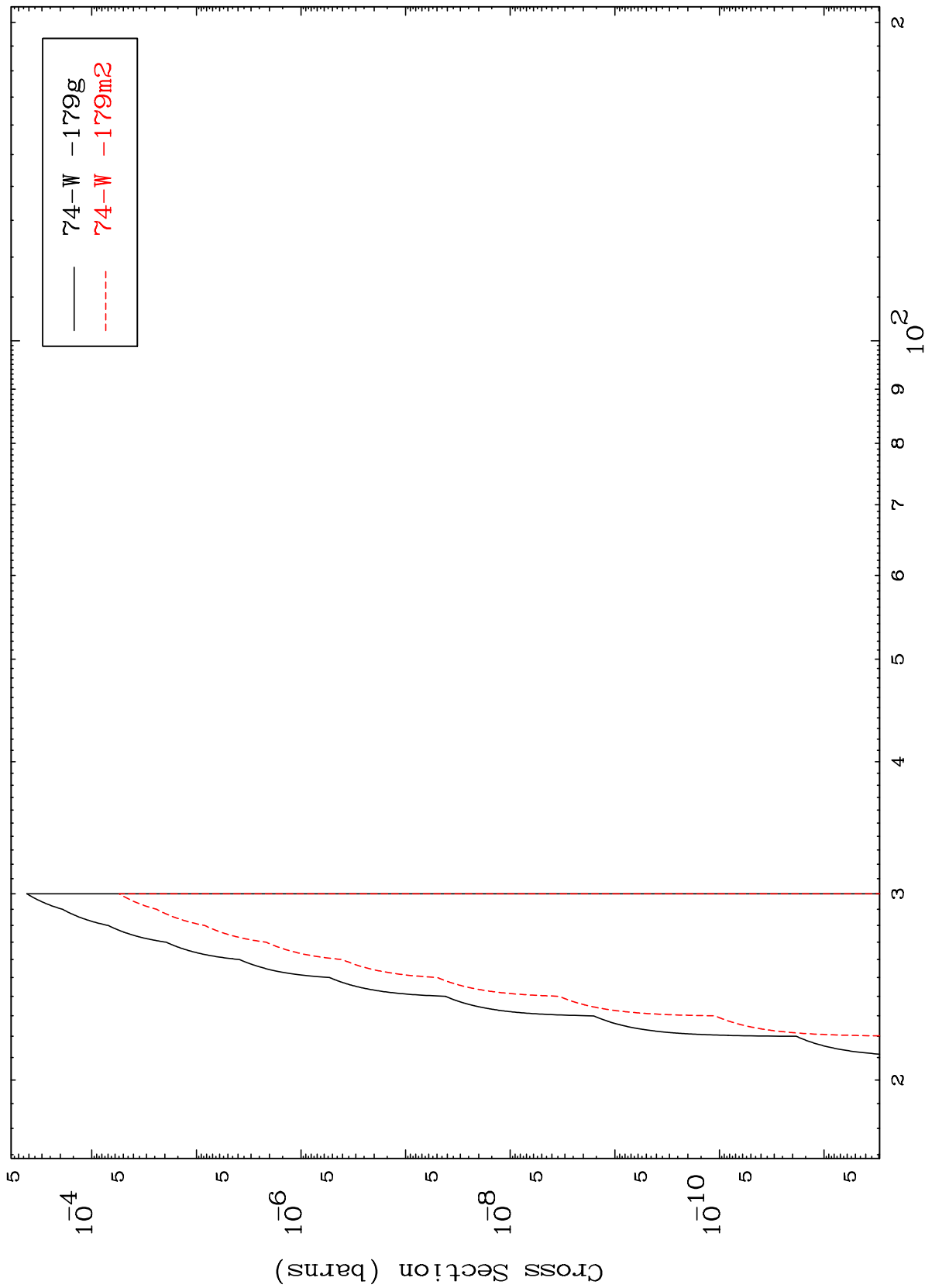


MAT 7516

(n,2n) d

75-Re-182

Radionuclide Production Cross Section



40

Incident Energy (MeV)

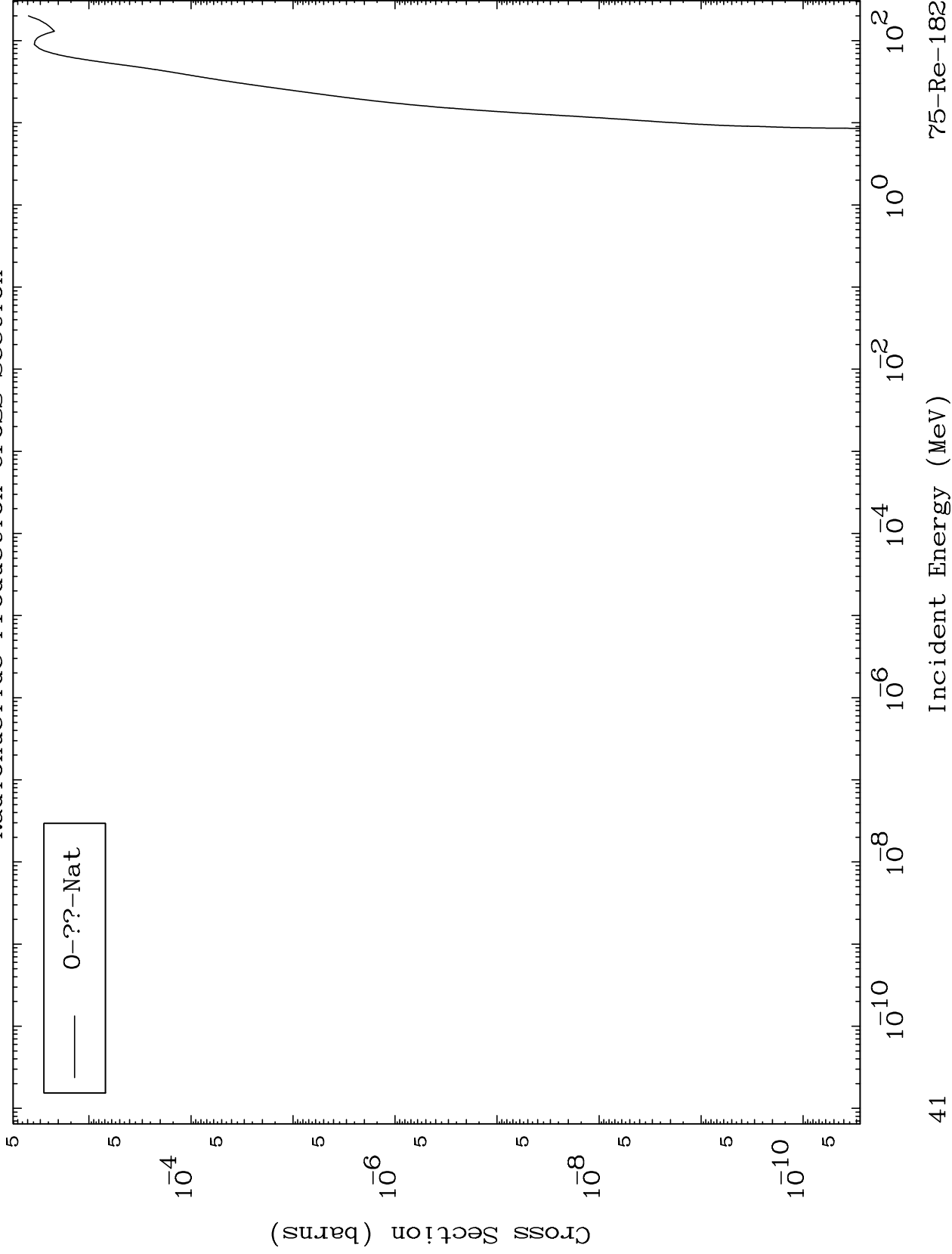
75-Re-182

MAT 7516

Fission

<sup>75</sup>Re-182

Radionuclide Production Cross Section

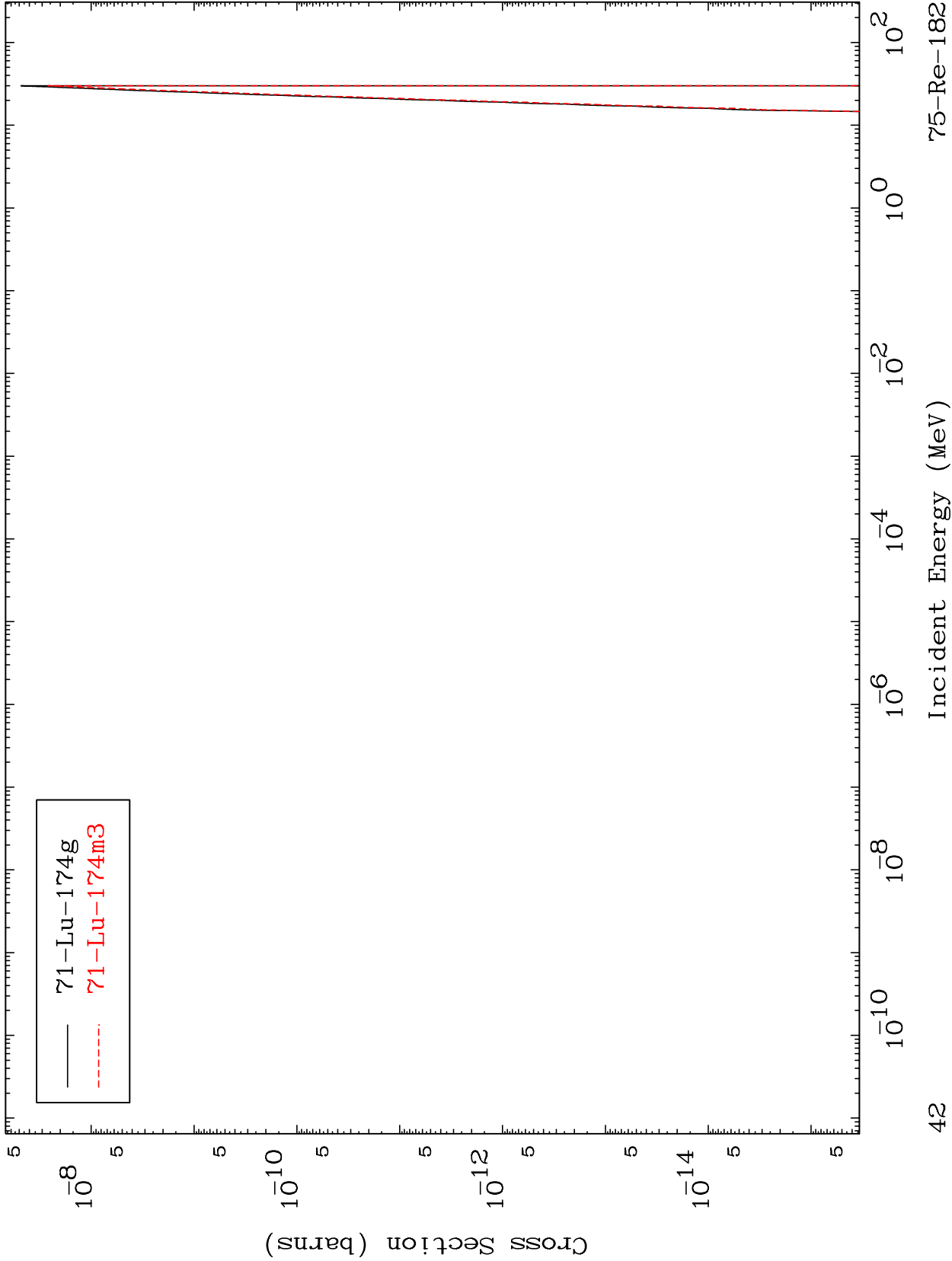


MAT 7516

(n,n') 2α

75-Re-182

Radionuclide Production Cross Section

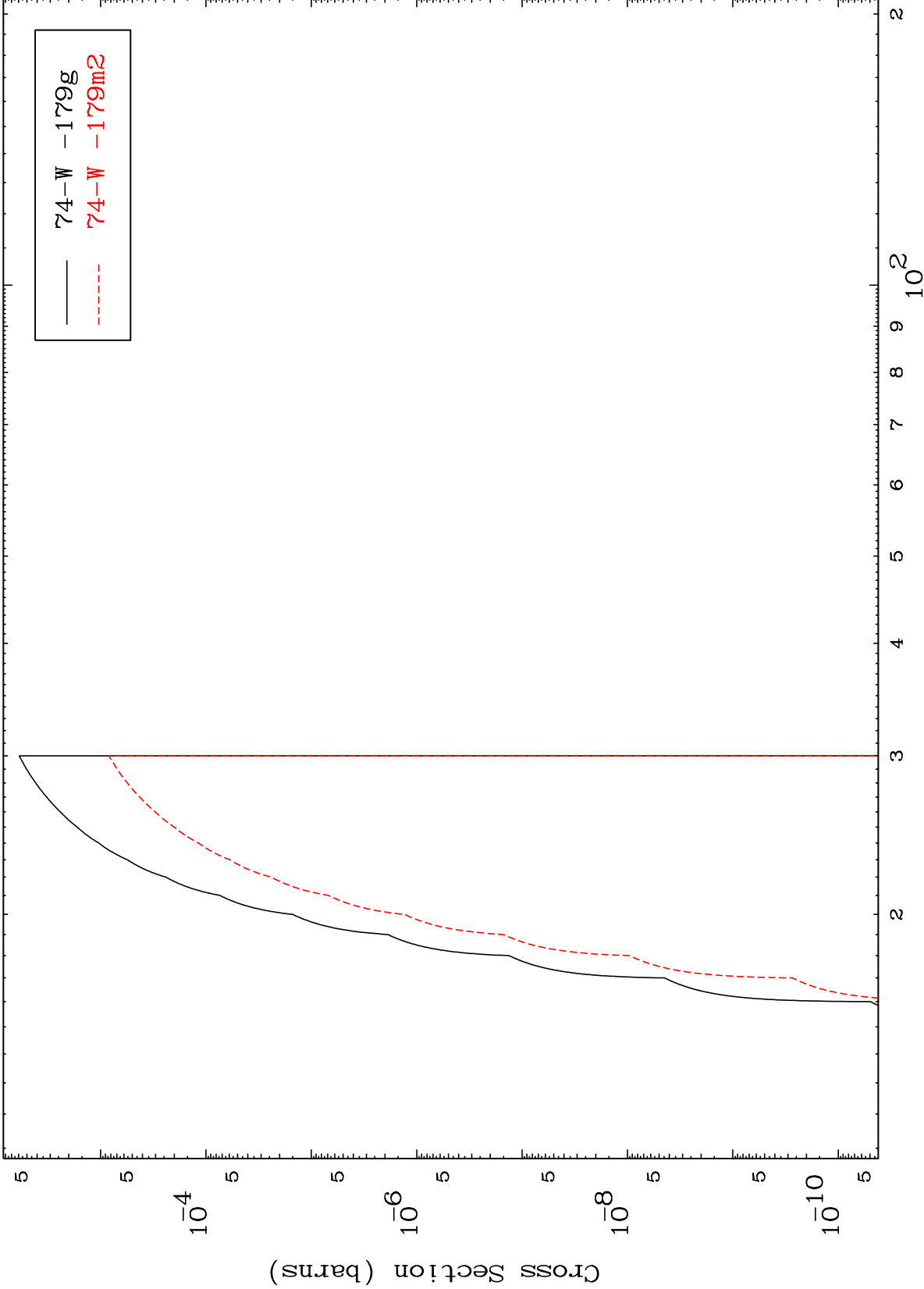


MAT 7516

(n,n') t

75-Re-182

Radionuclide Production Cross Section



43

Incident Energy (MeV)

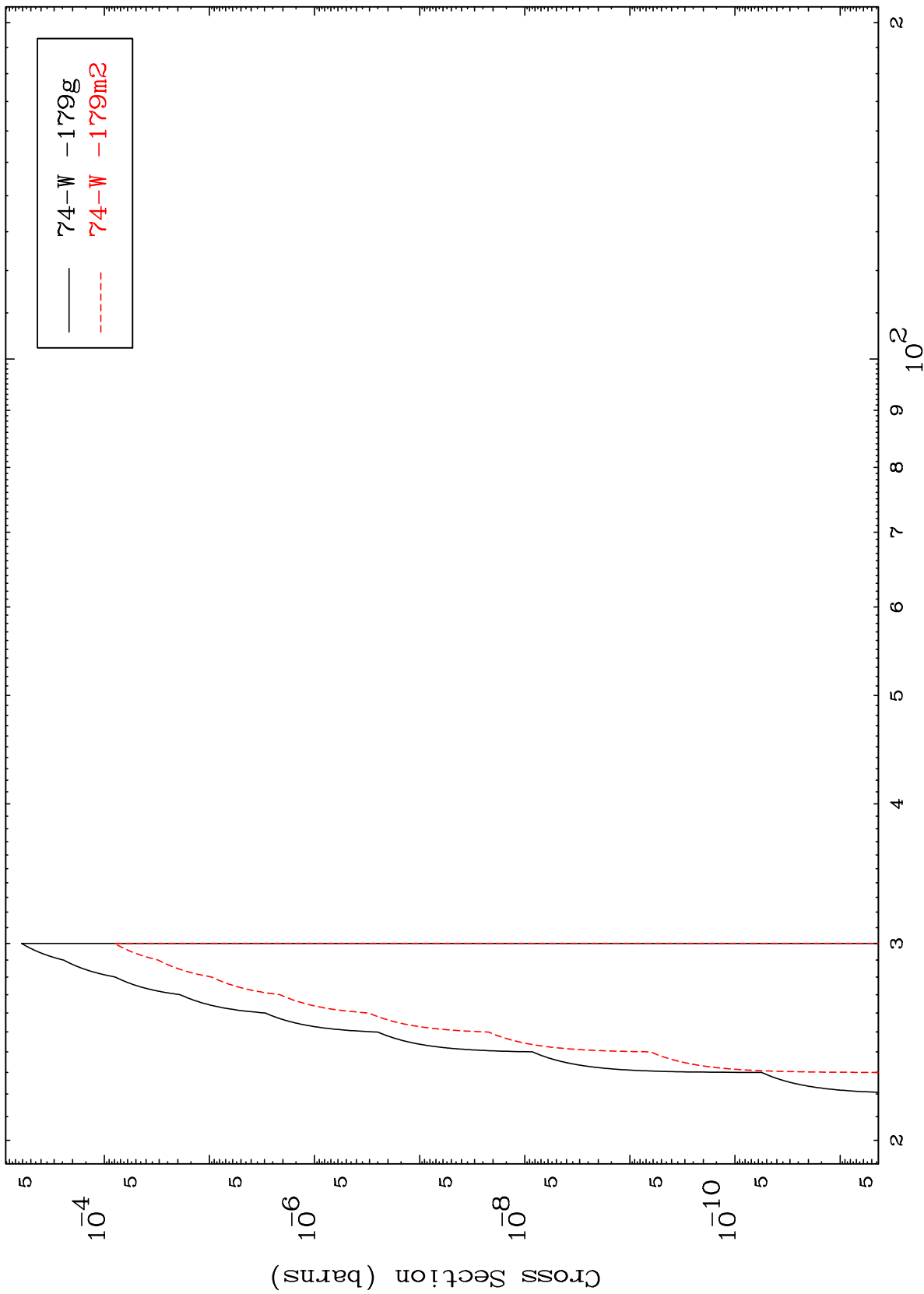
75-Re-182

MAT 7516

(n,3n) p

75-Re-182

Radionuclide Production Cross Section



44

Incident Energy (MeV)

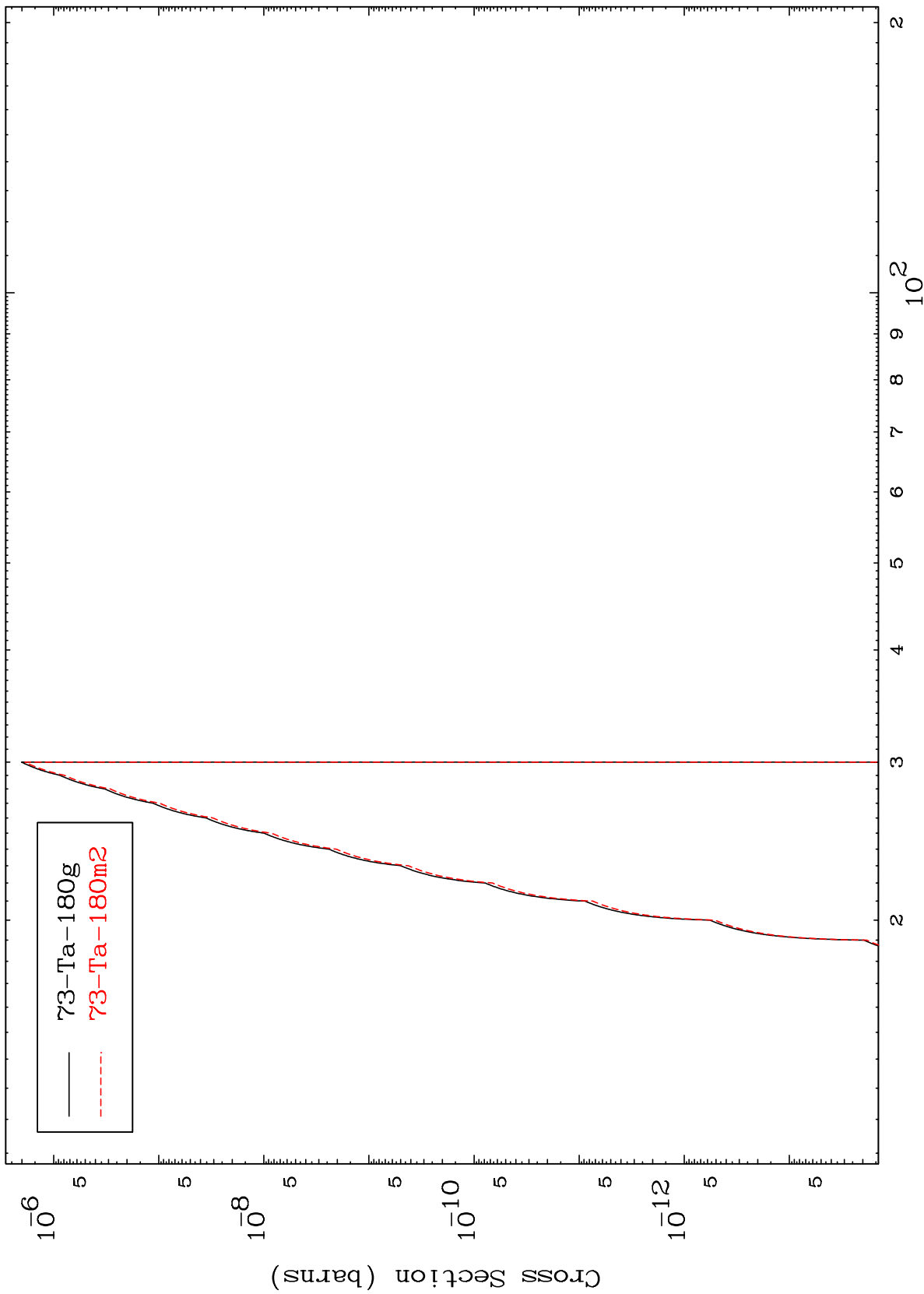
75-Re-182

MAT 75116

(n,2n) p

75-Re-182

Radionuclide Production Cross Section

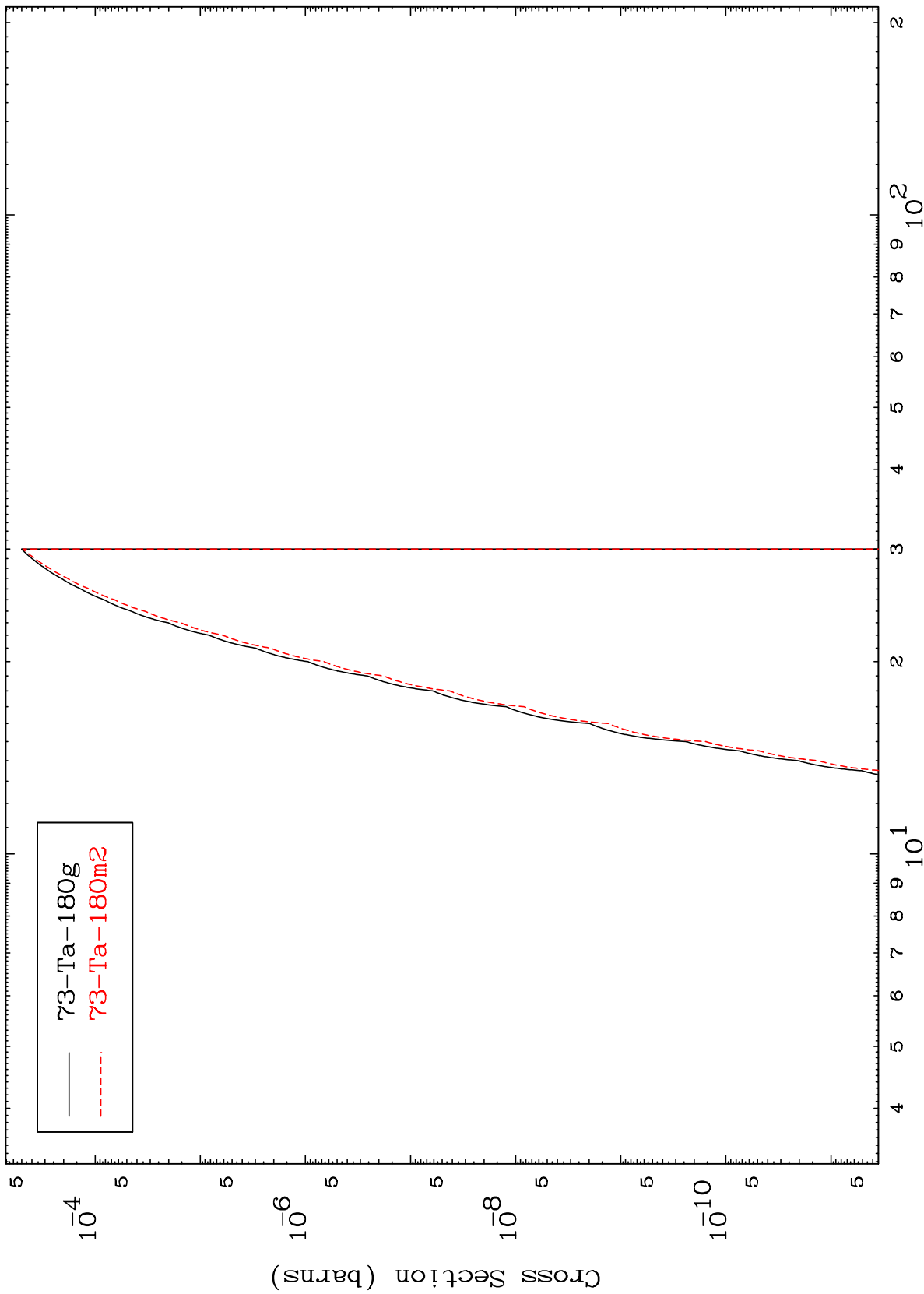


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Incident Energy (MeV)

75-Re-182

Radionuclide Production Cross Section  
(n,He-3)

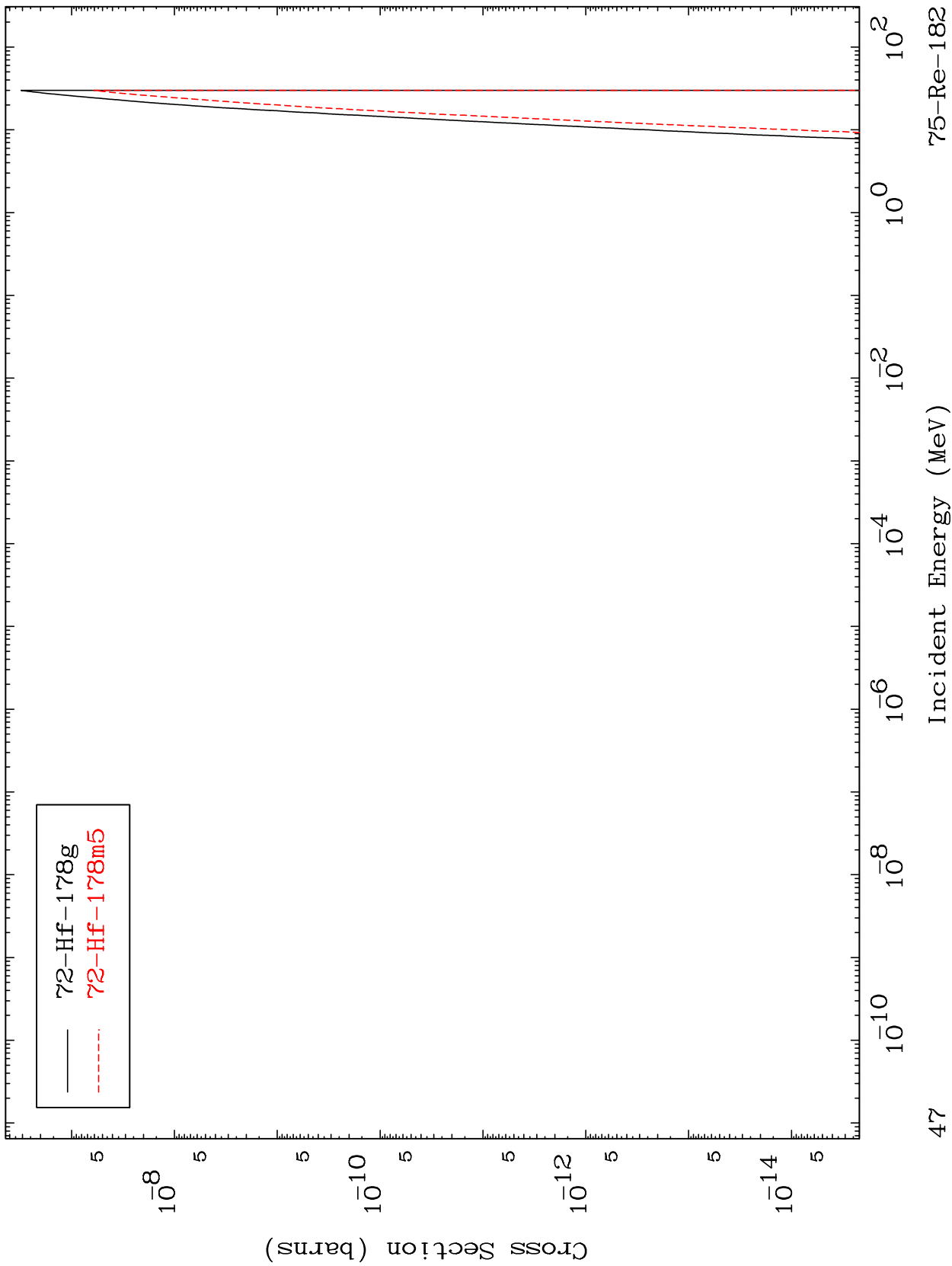


MAT 7516

(n,p)  $\alpha$

75-Re-182

Radionuclide Production Cross Section



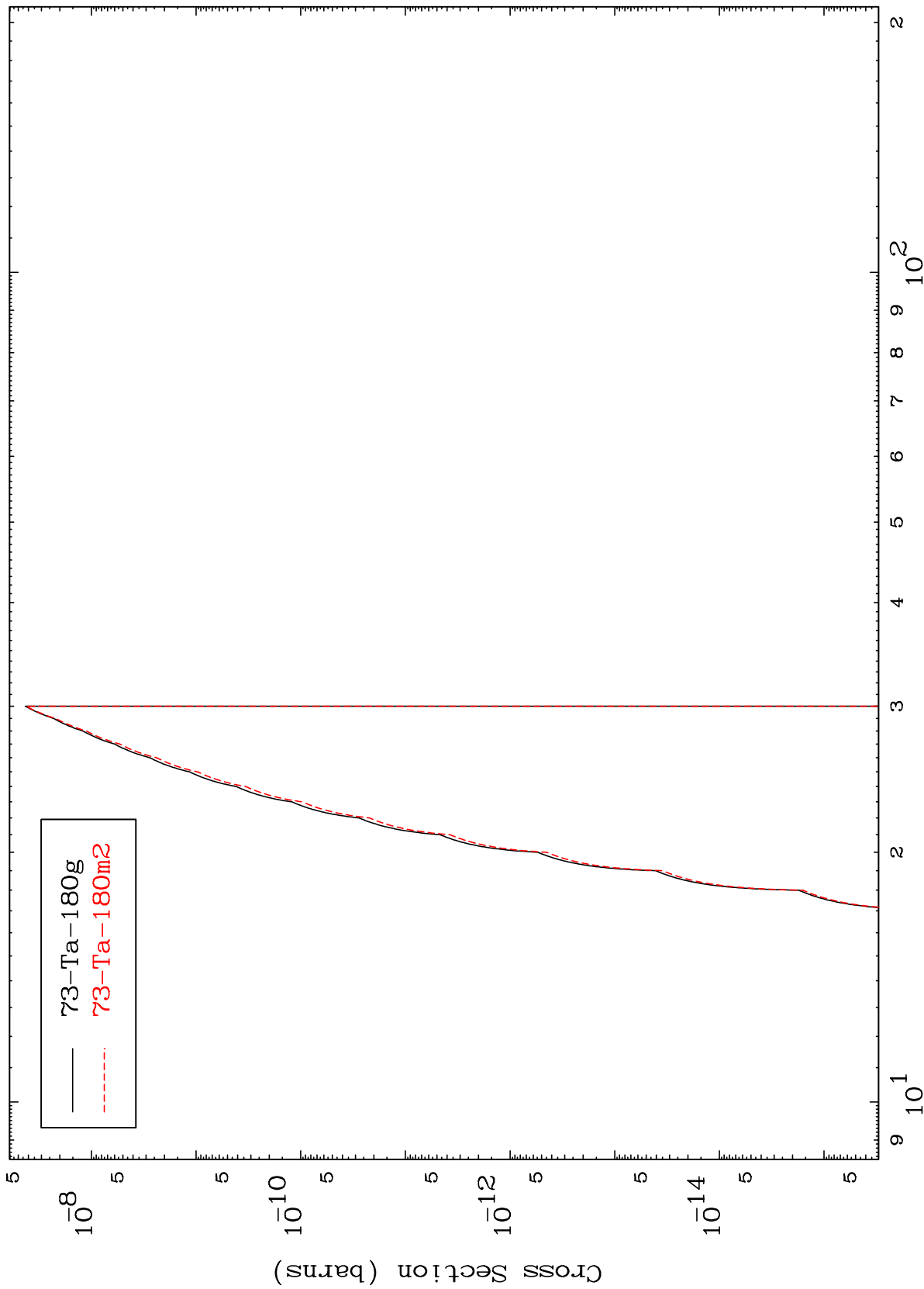


MAT 7516

(n,p) d

75-Re-182

Radionuclide Production Cross Section



48

Incident Energy (MeV)

75-Re-182