

Program EVALPLOT
(Version 2018-1)

by

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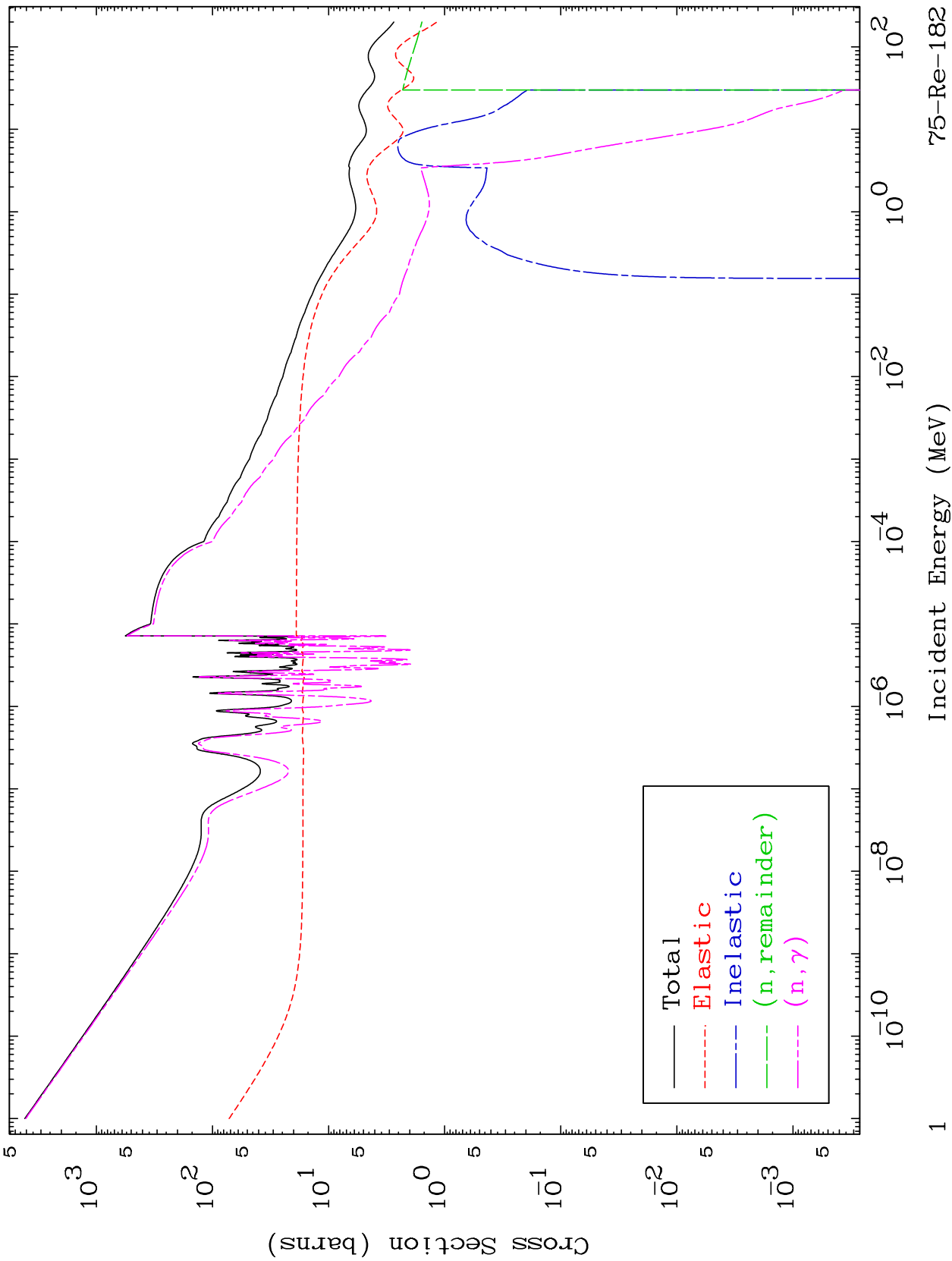
Press Mouse Button to Start

MAT 7516

Major

293 Kelvin Cross Sections

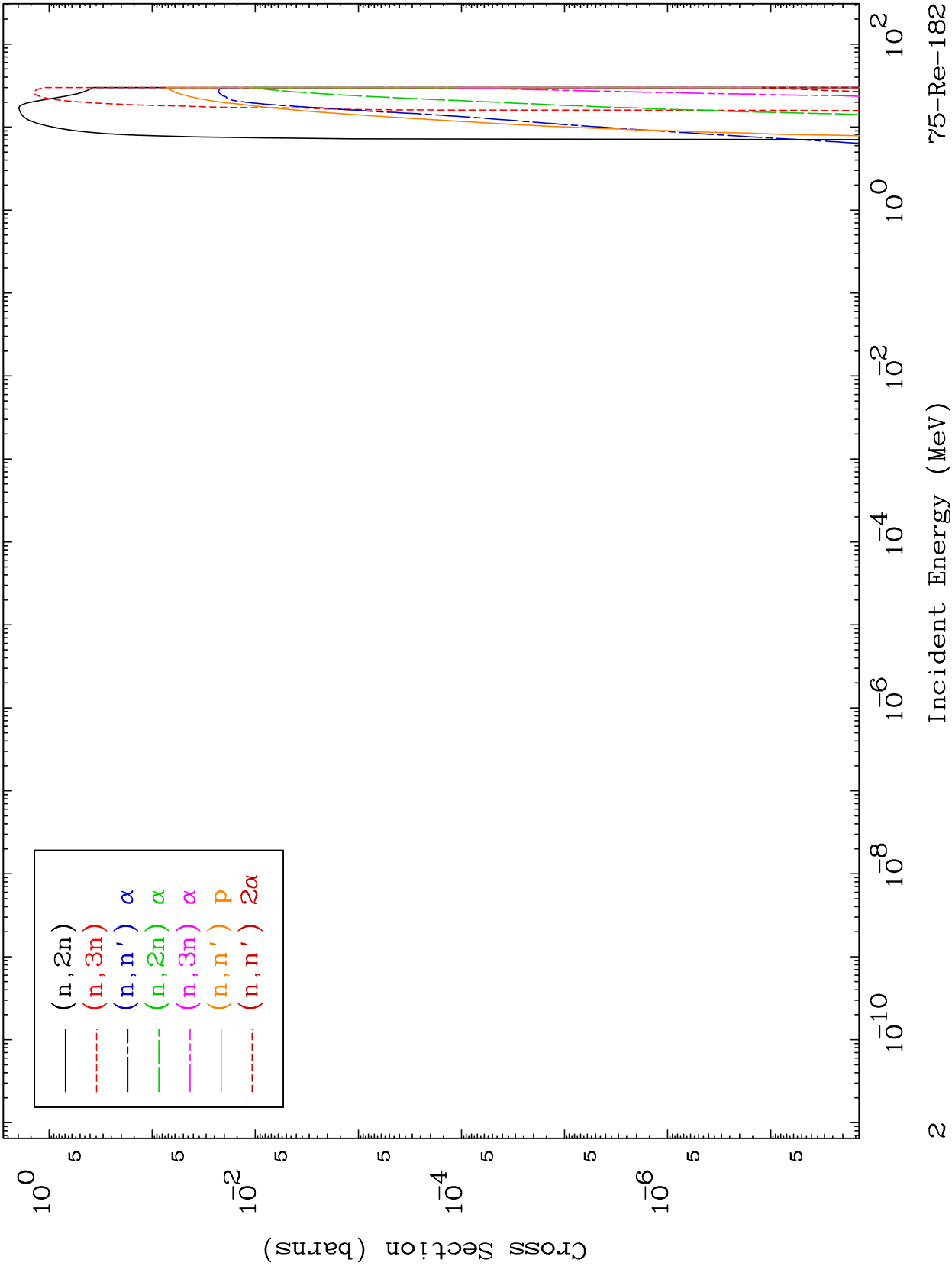
75-Re-182

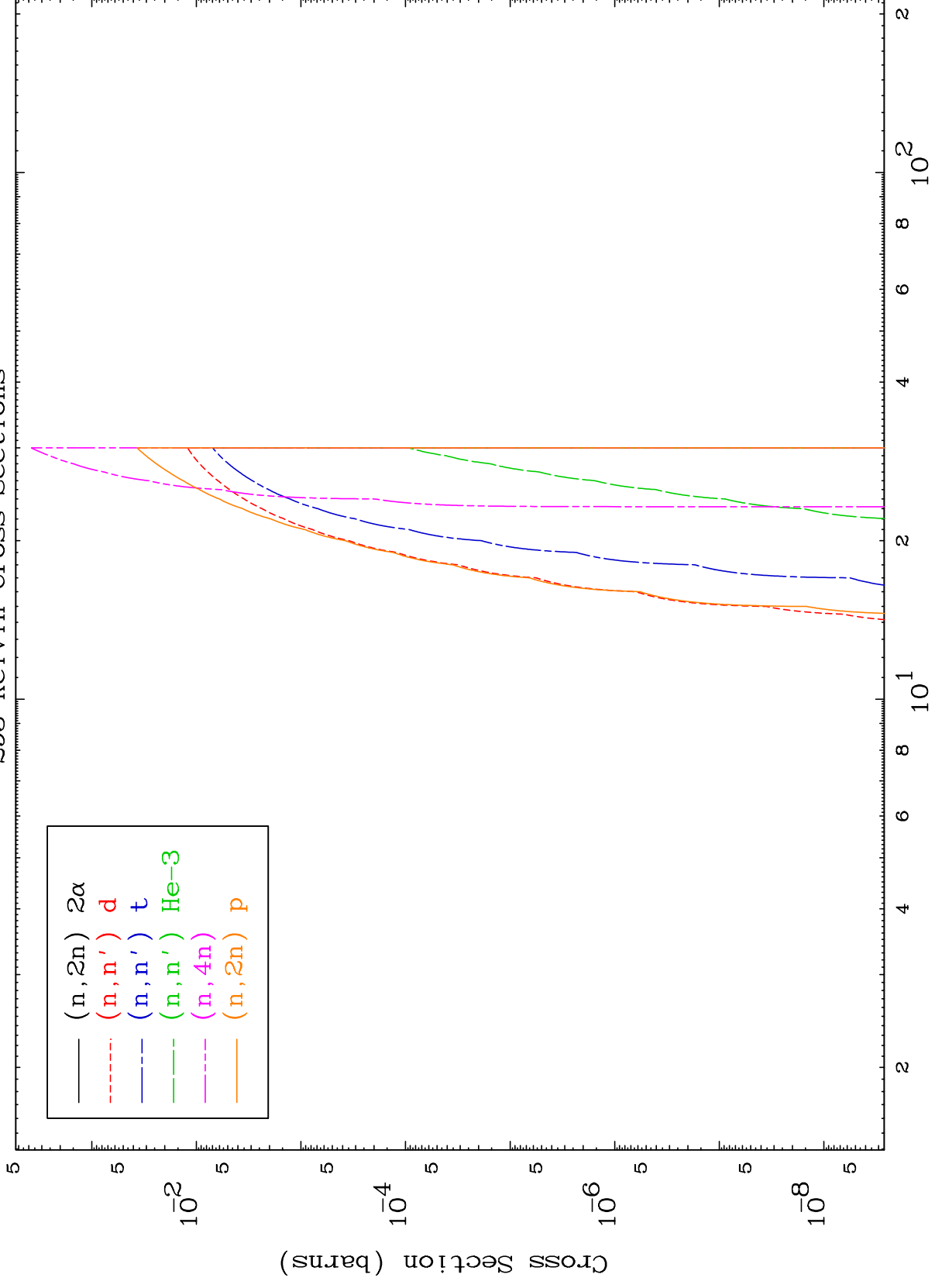


MAT 7516

Neutron Production
293 Kelvin Cross Sections

75-Re-182

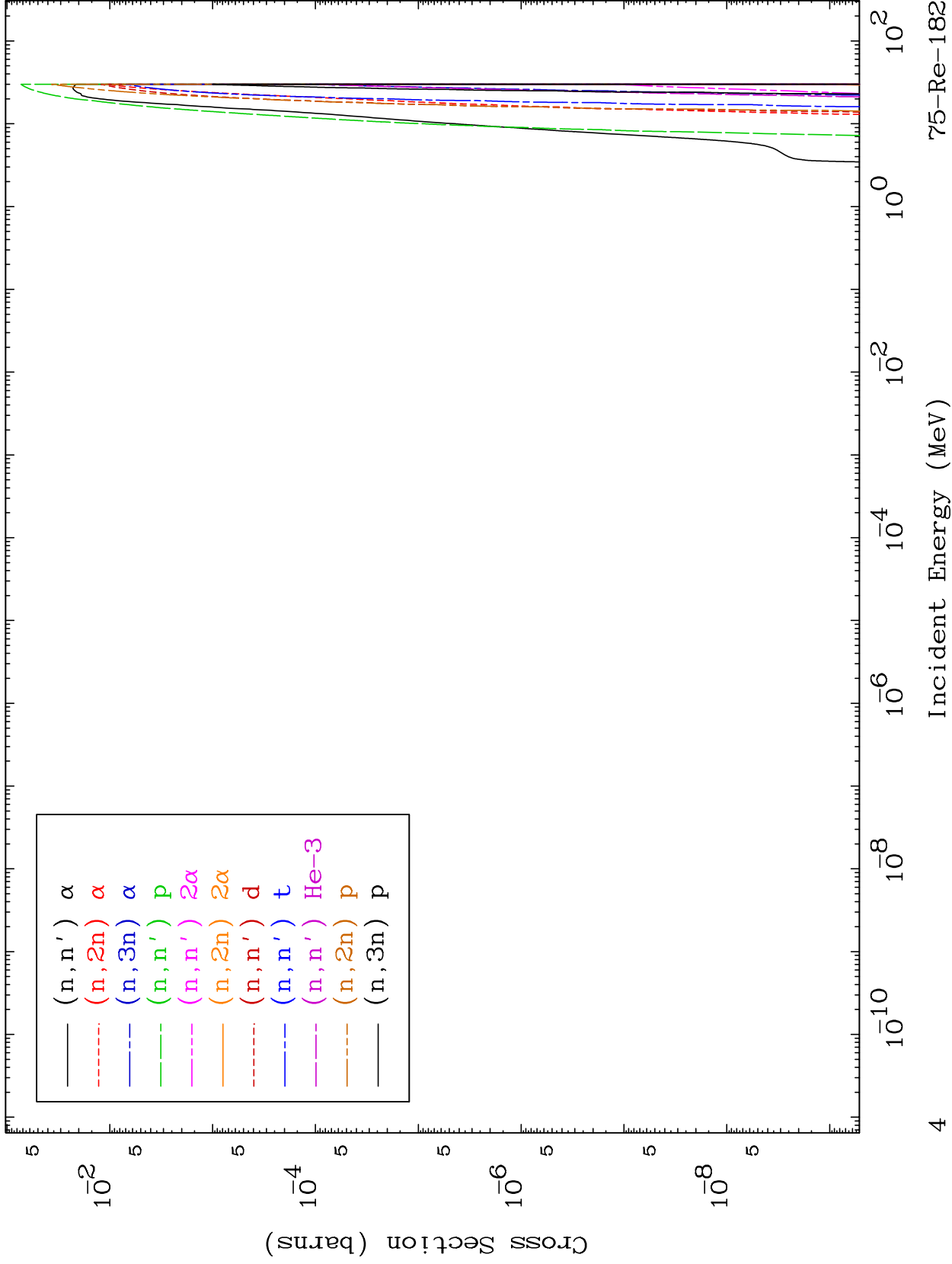




MAT 7516

Charged Particle
293 Kelvin Cross Sections

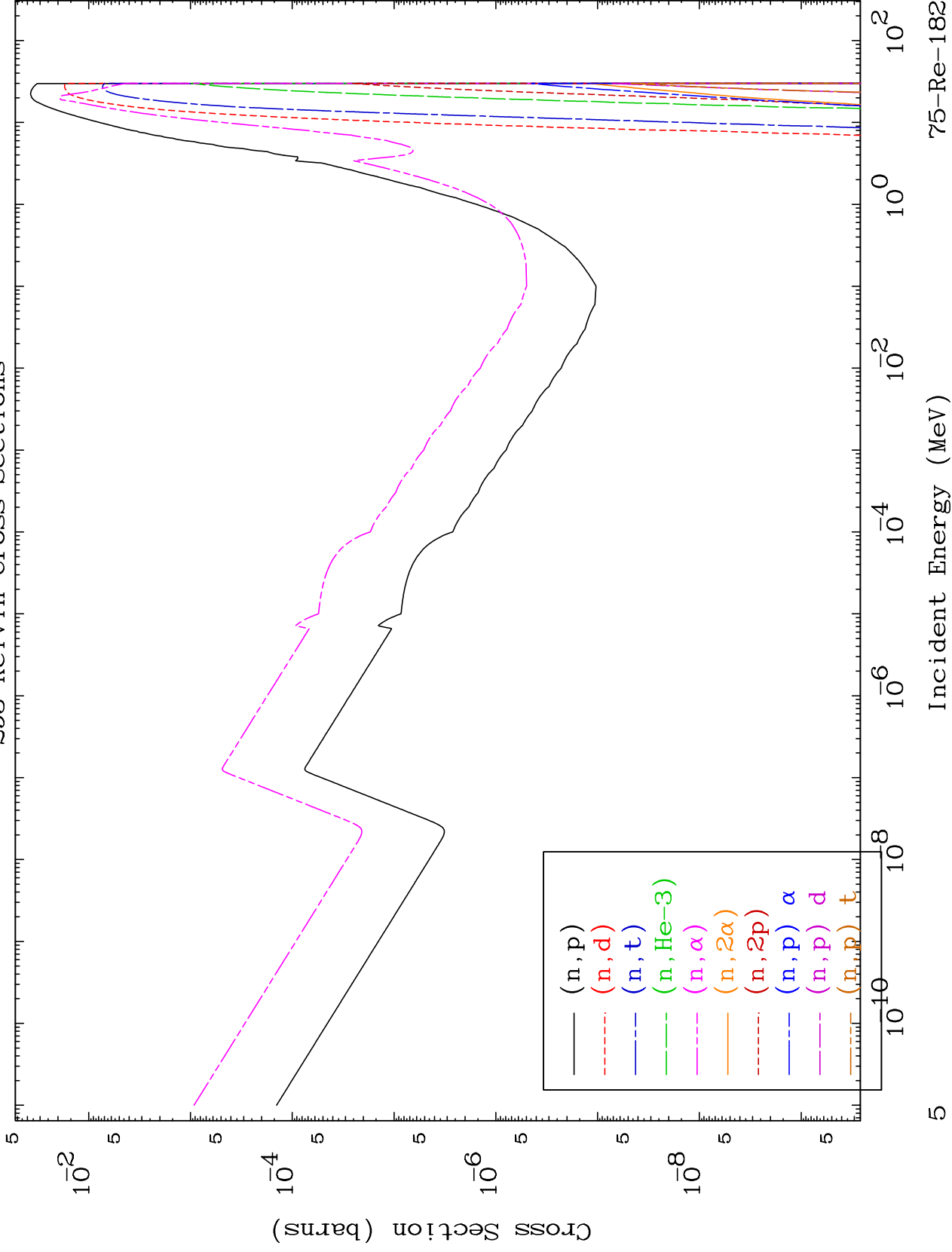
75-Re-182



MAT 7516

Charged Particle
293 Kelvin Cross Sections

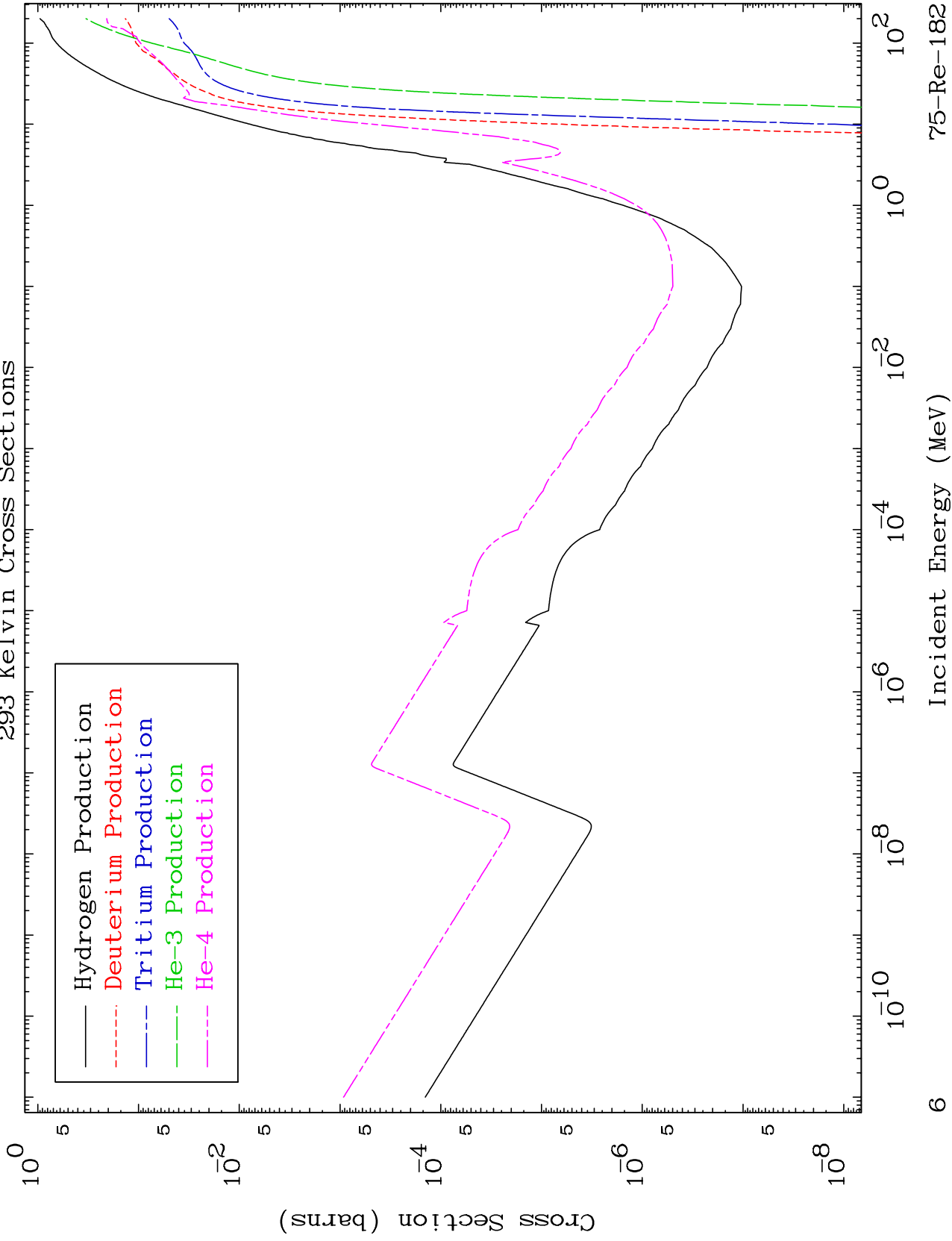
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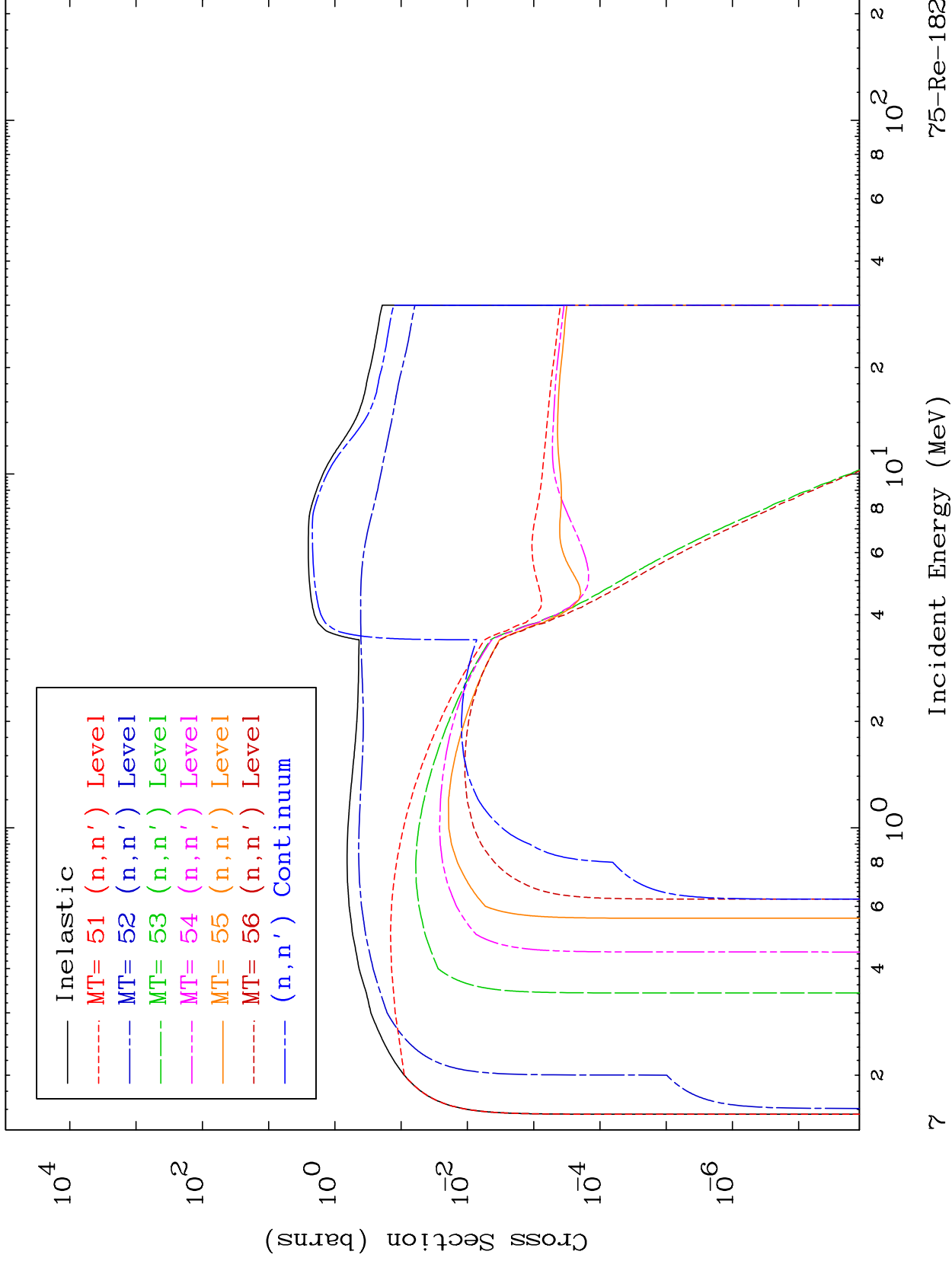


MAT 7516

Particle Production
293 Kelvin Cross Sections

75-Re-182

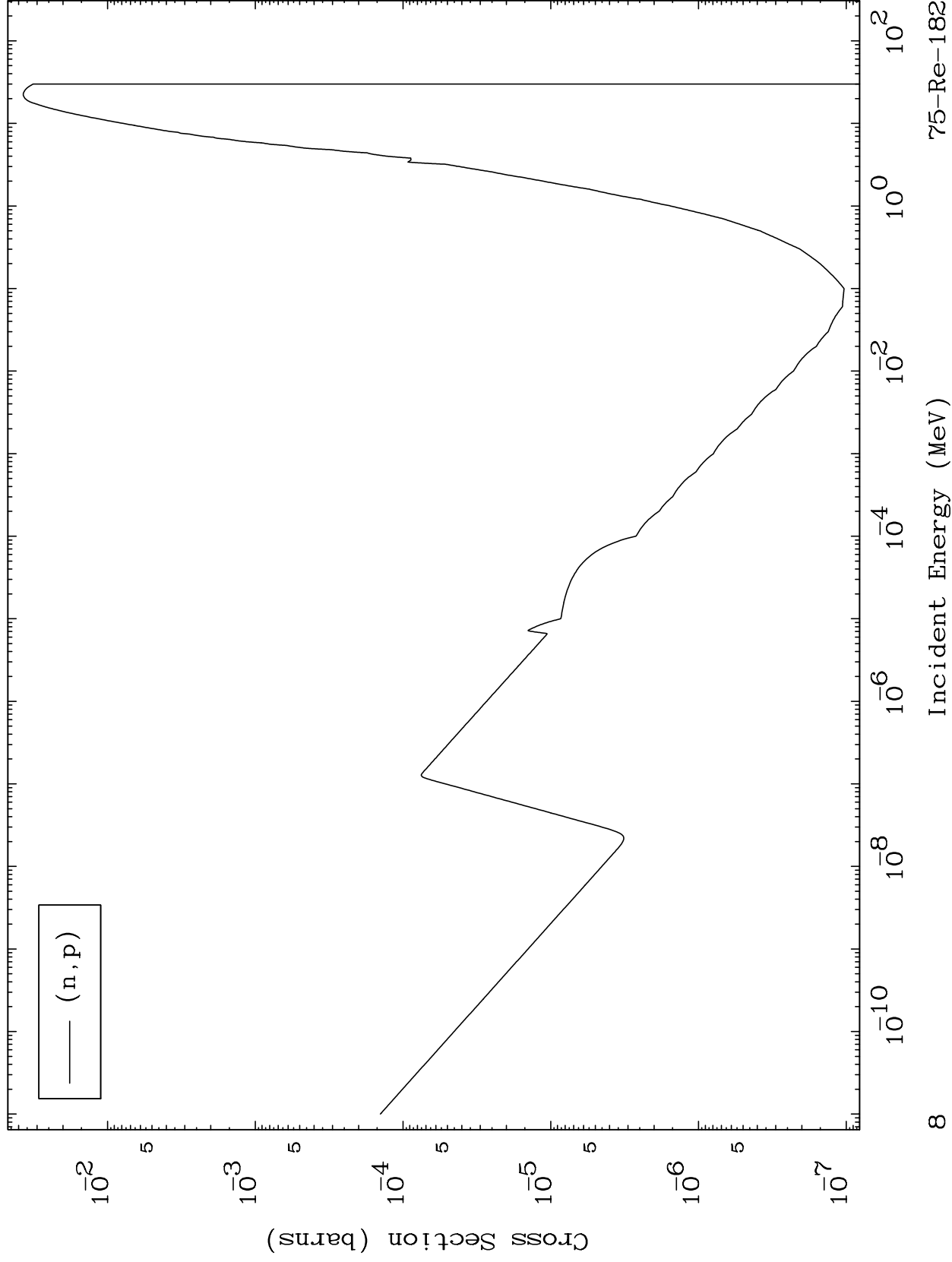




MAT 7516

(n,p) Levels
293 Kelvin Cross Sections

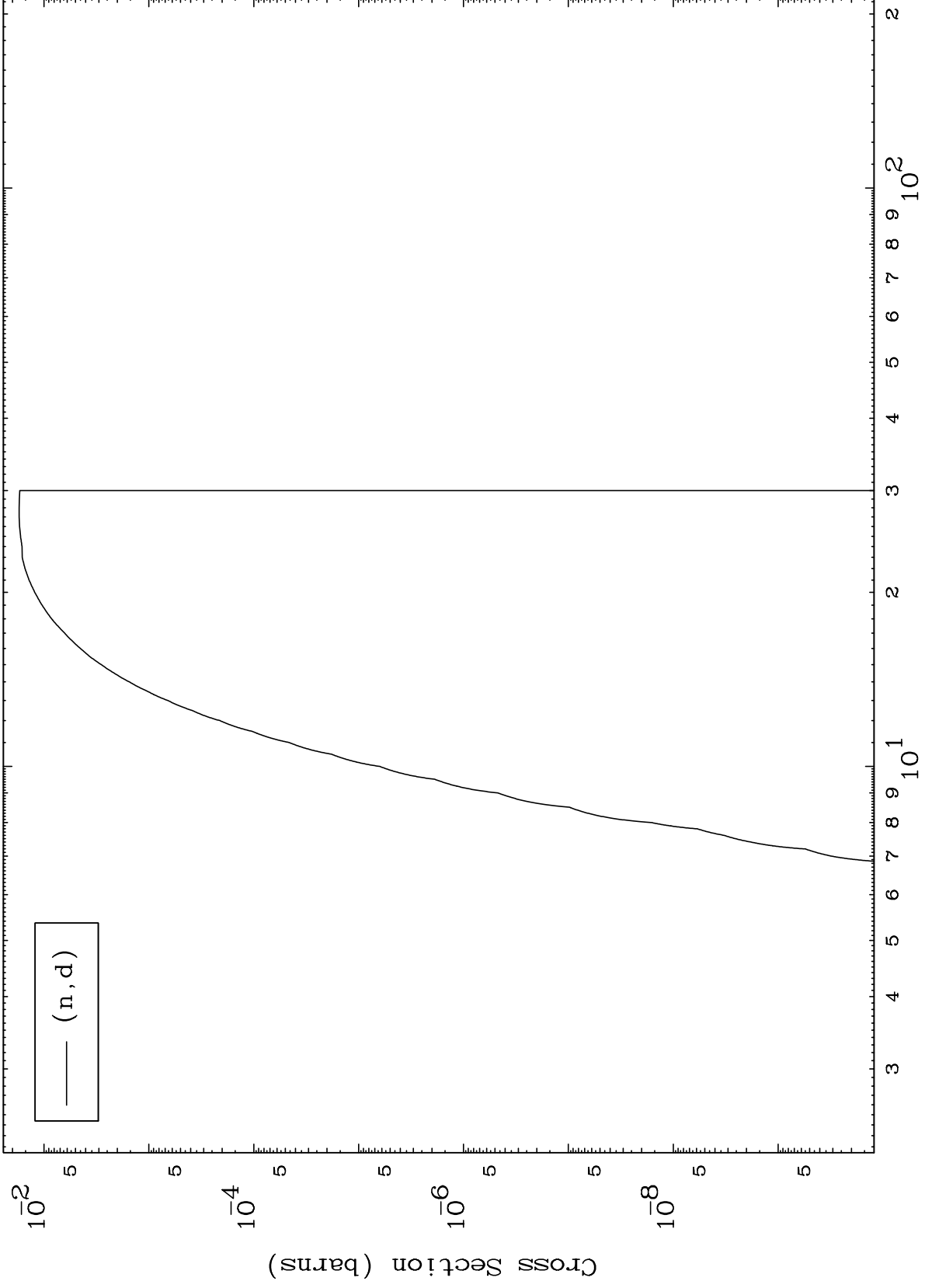
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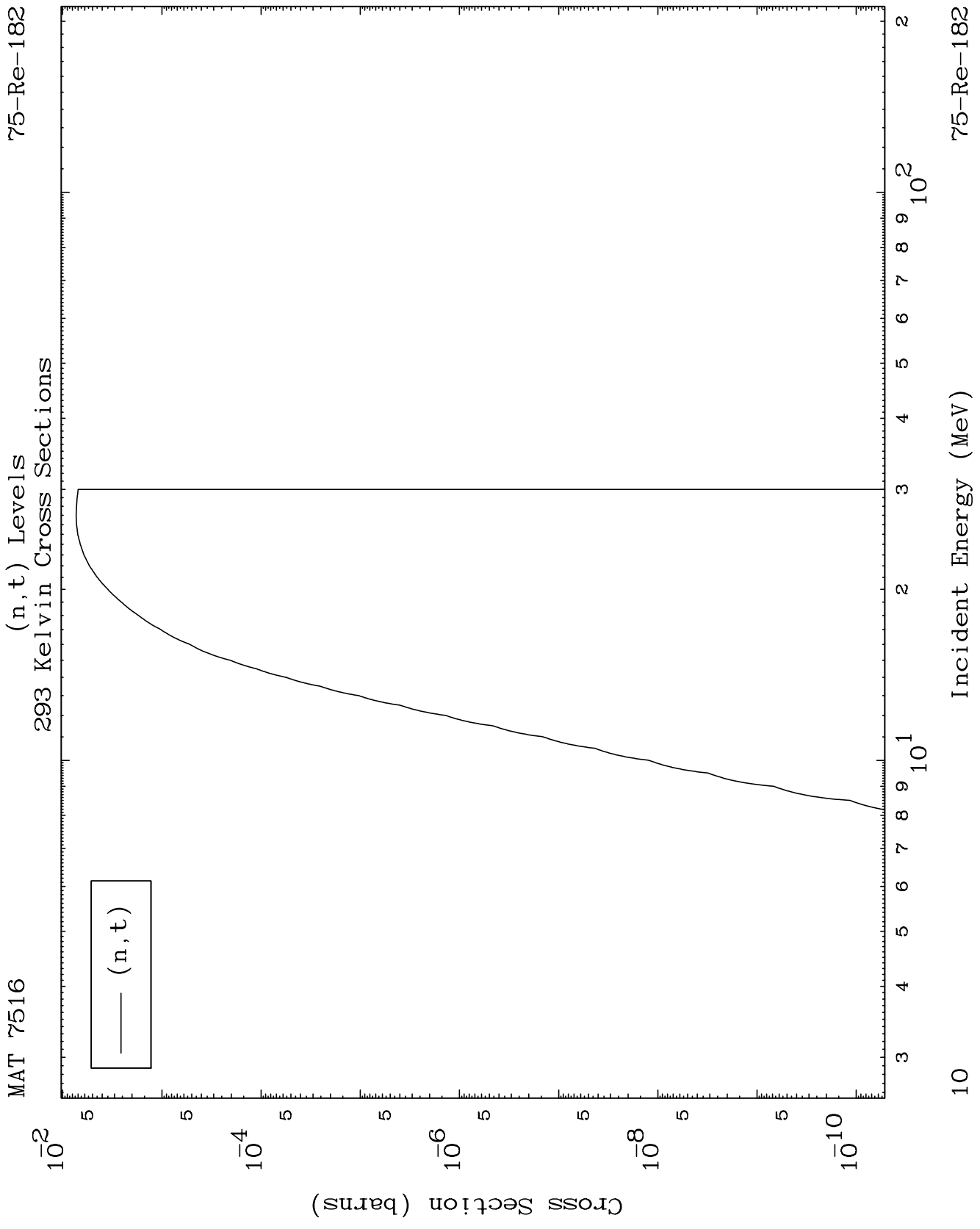


MAT 7516

(n,d) Levels
293 Kelvin Cross Sections

75-Re-182

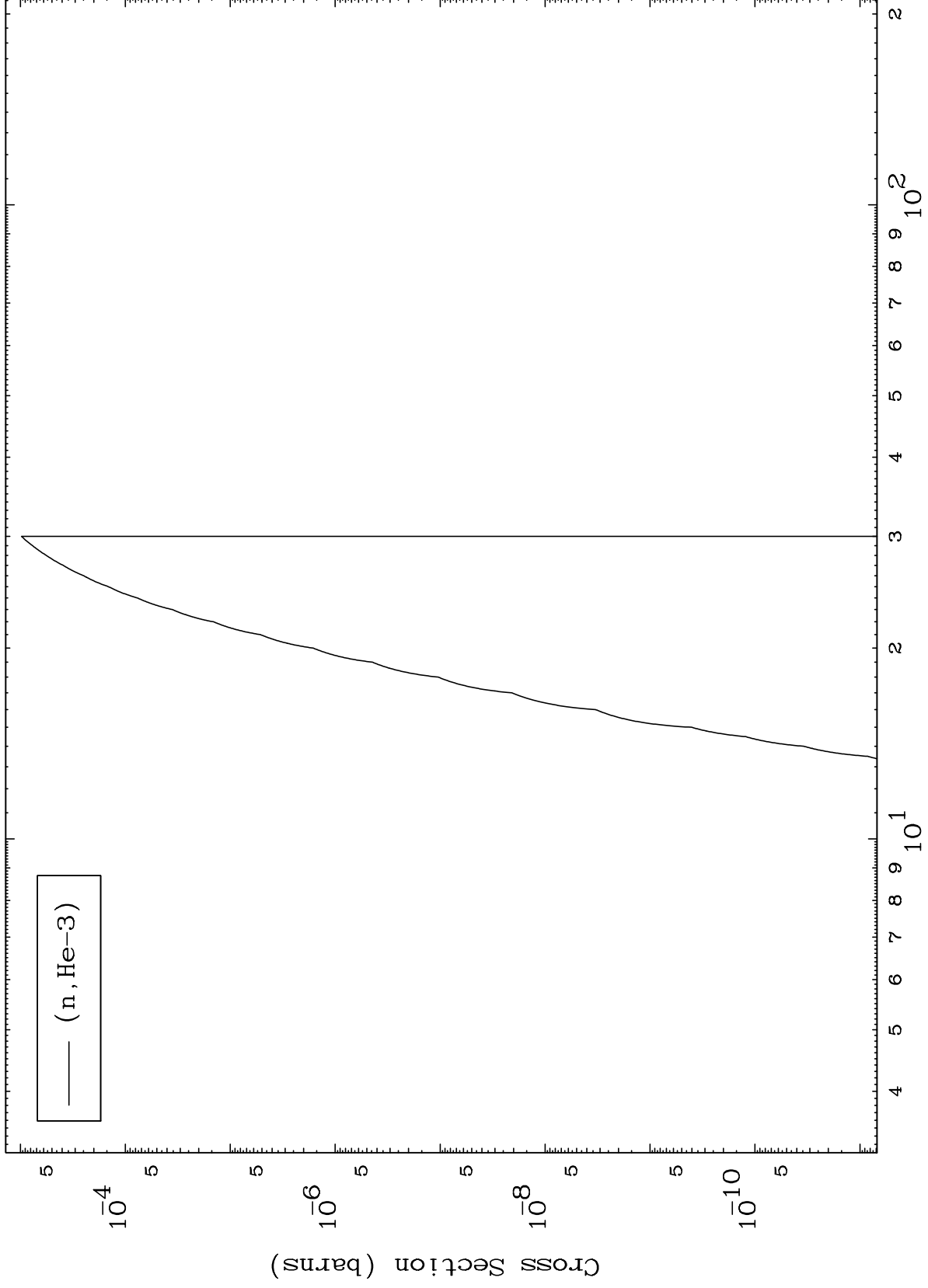




MAT 7516

(n,He3) Levels
293 Kelvin Cross Sections

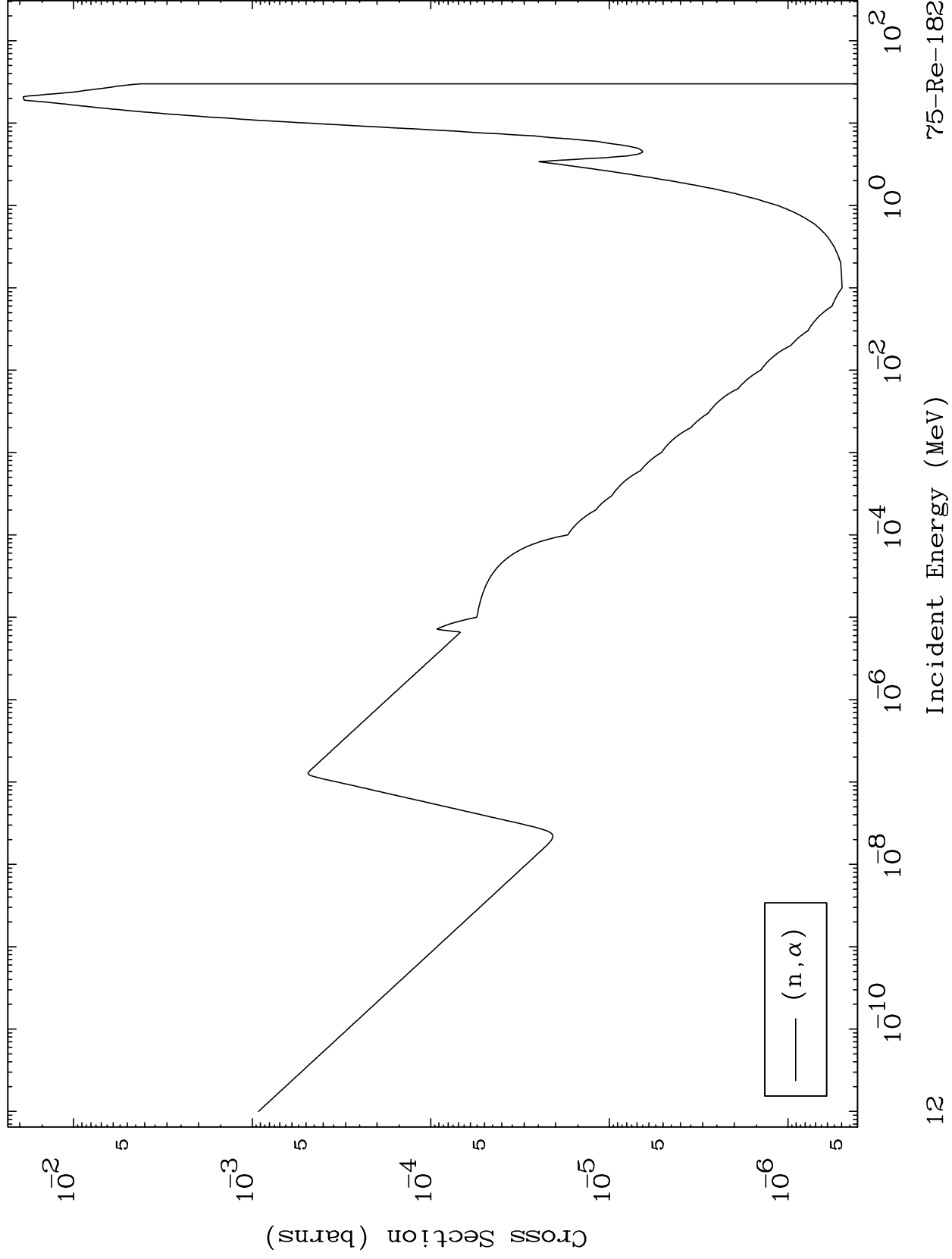
75-Re-182



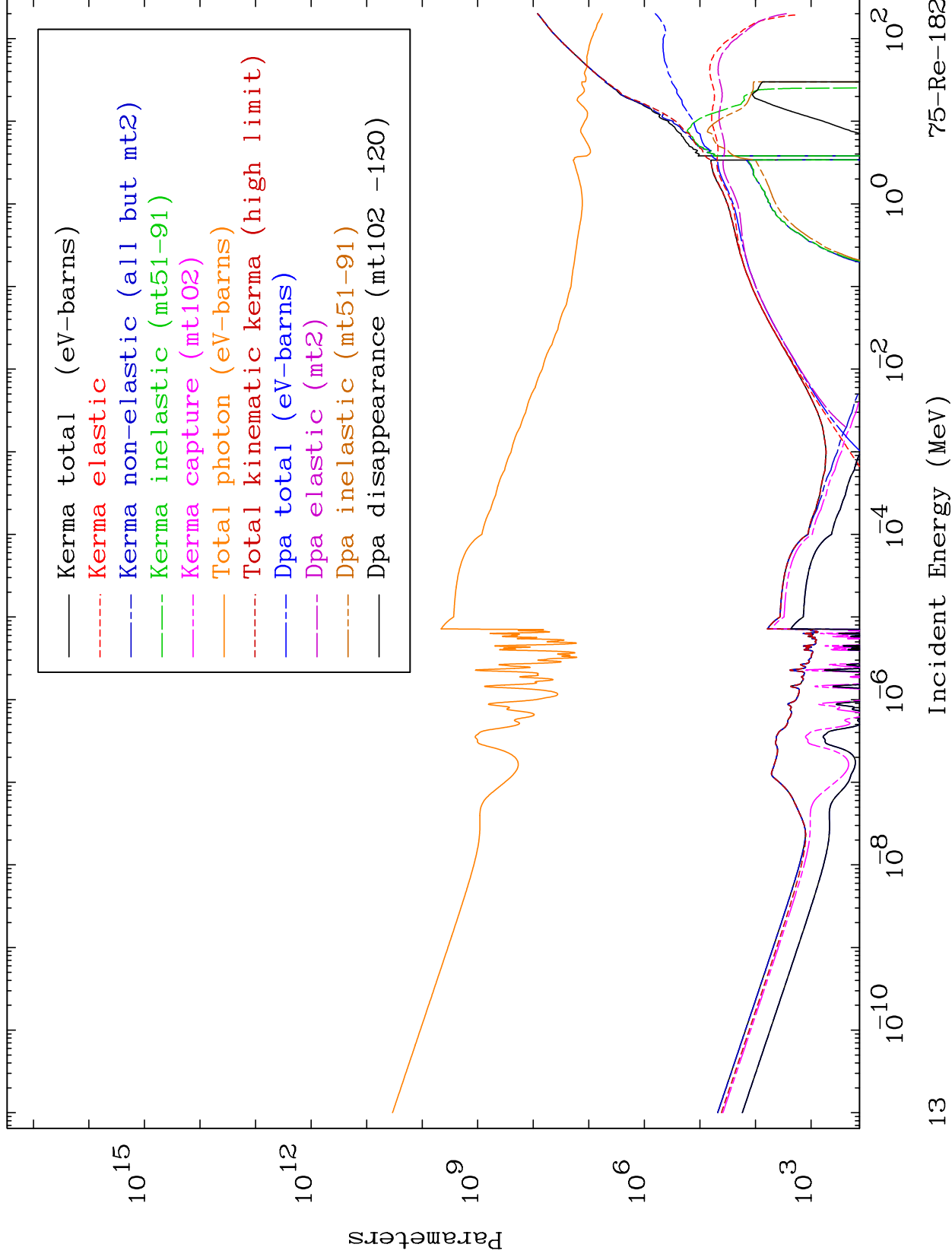
MAT 7516

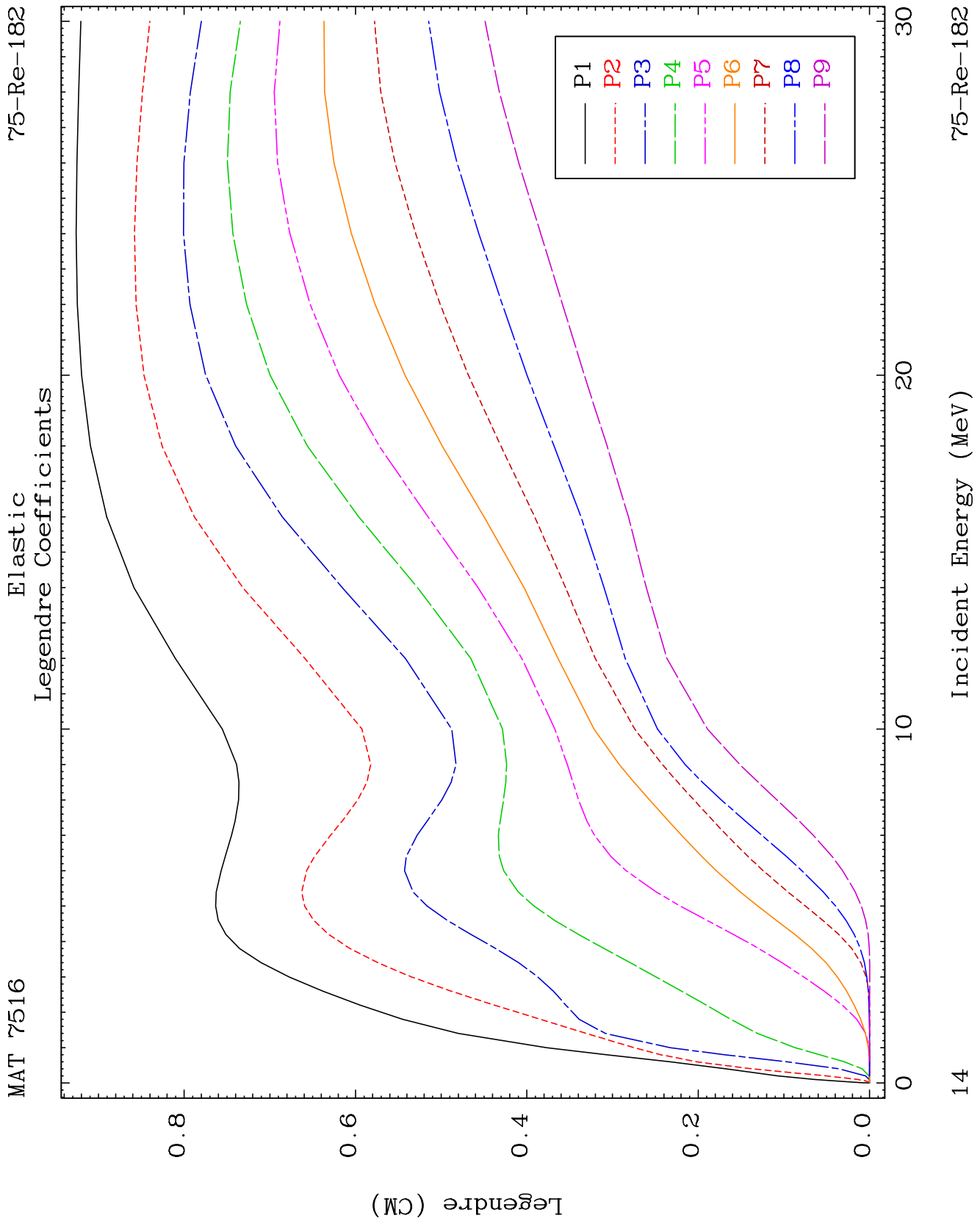
(n,α) Levels
293 Kelvin Cross Sections

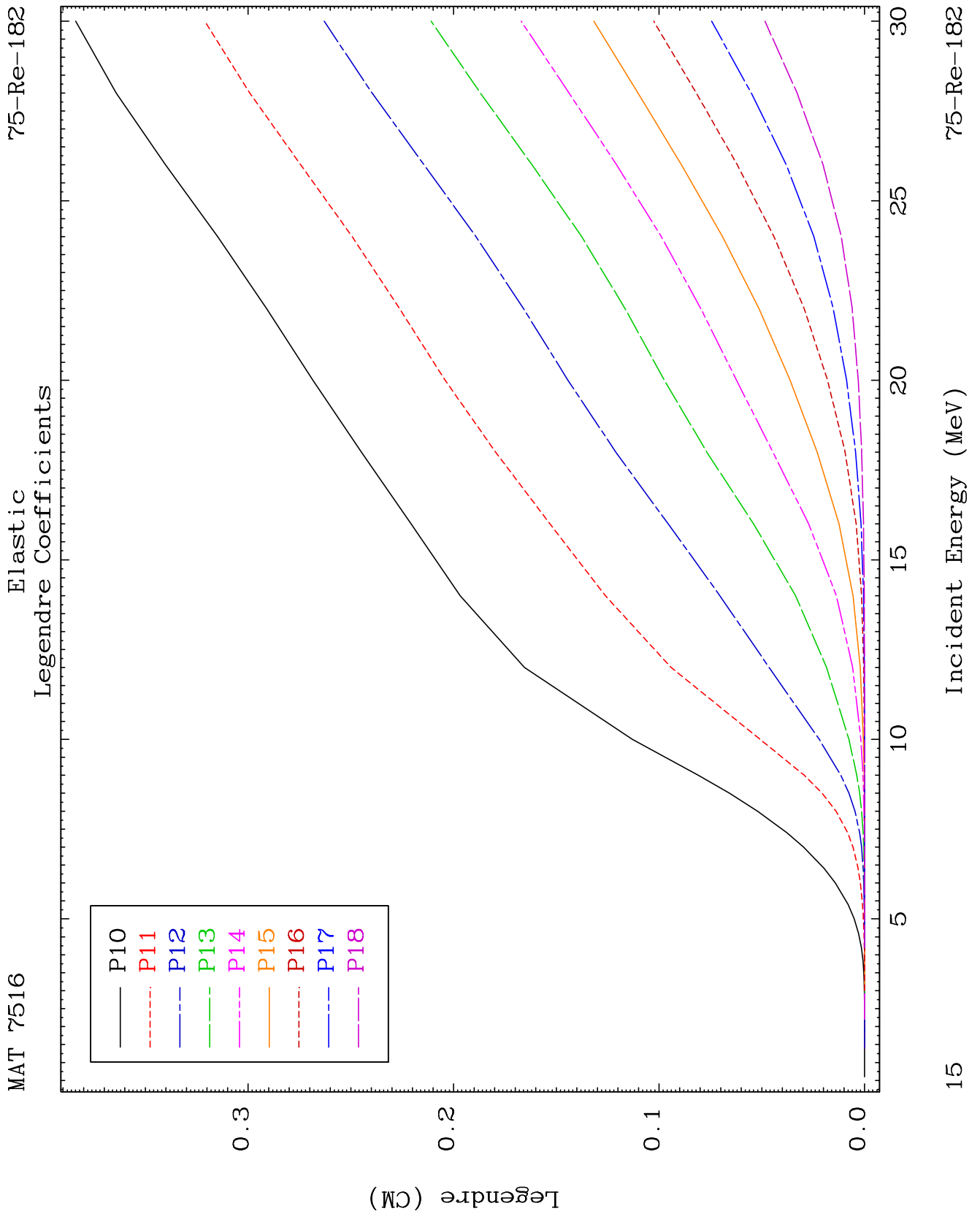
75-Re-182



12



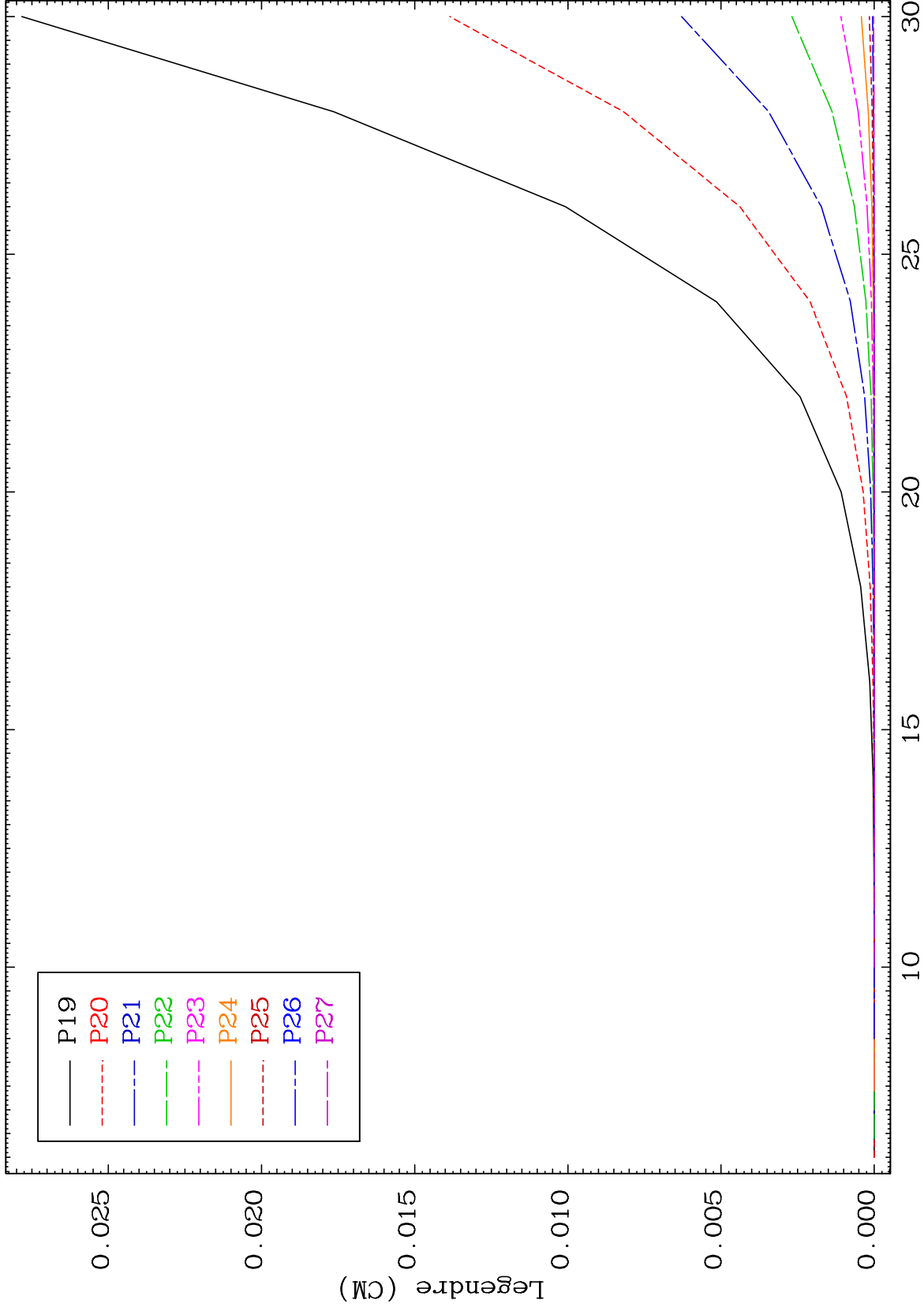




MAT 7516

Elastic Legendre Coefficients

75-Re-182



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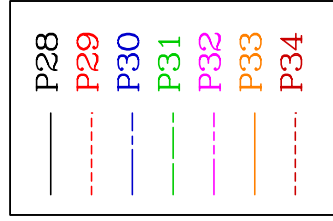
Incident Energy (MeV)

75-Re-182

MAT 7516

Elastic Legendre Coefficients

75-Re-182



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

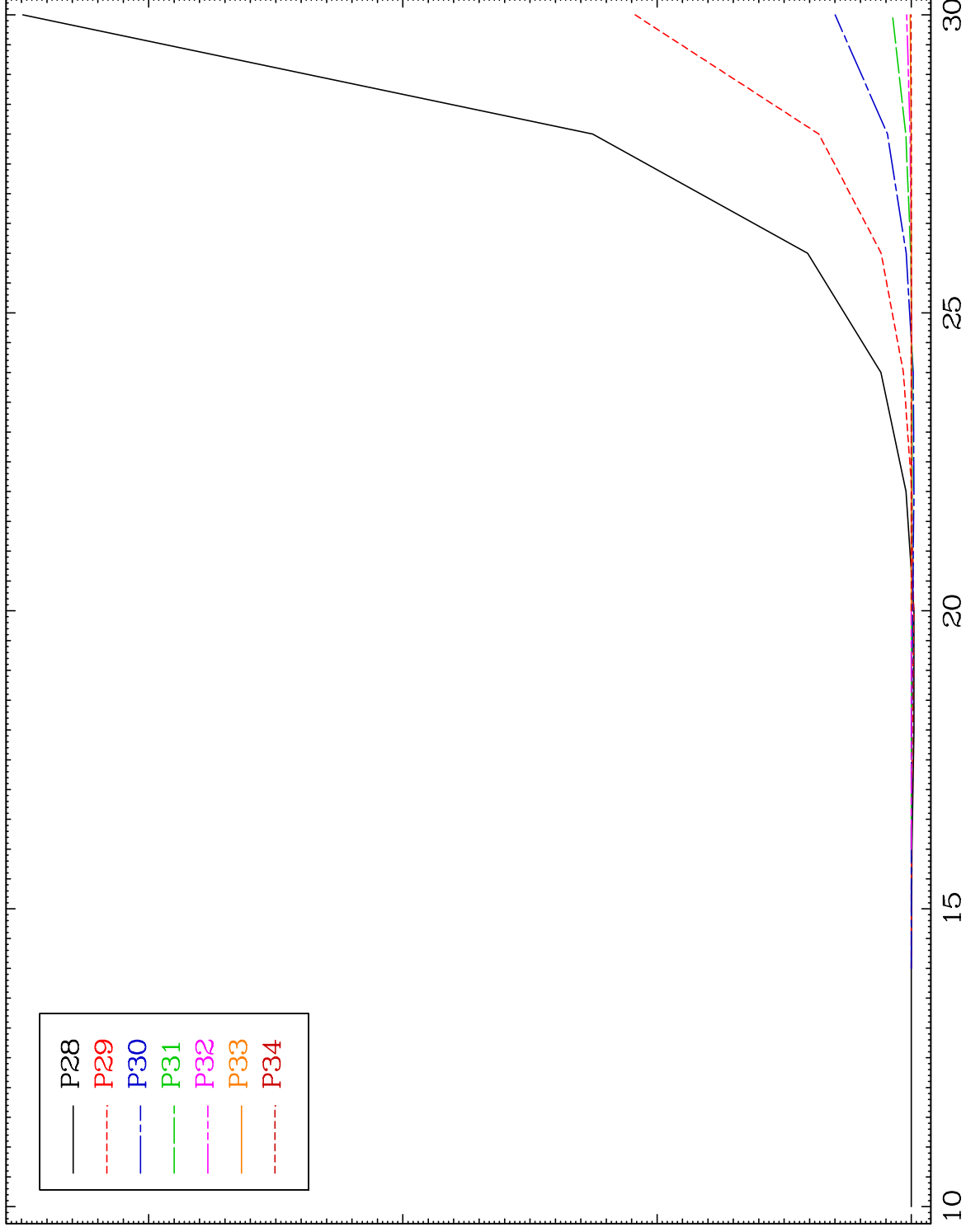
25

30

17

Incident Energy (MeV)

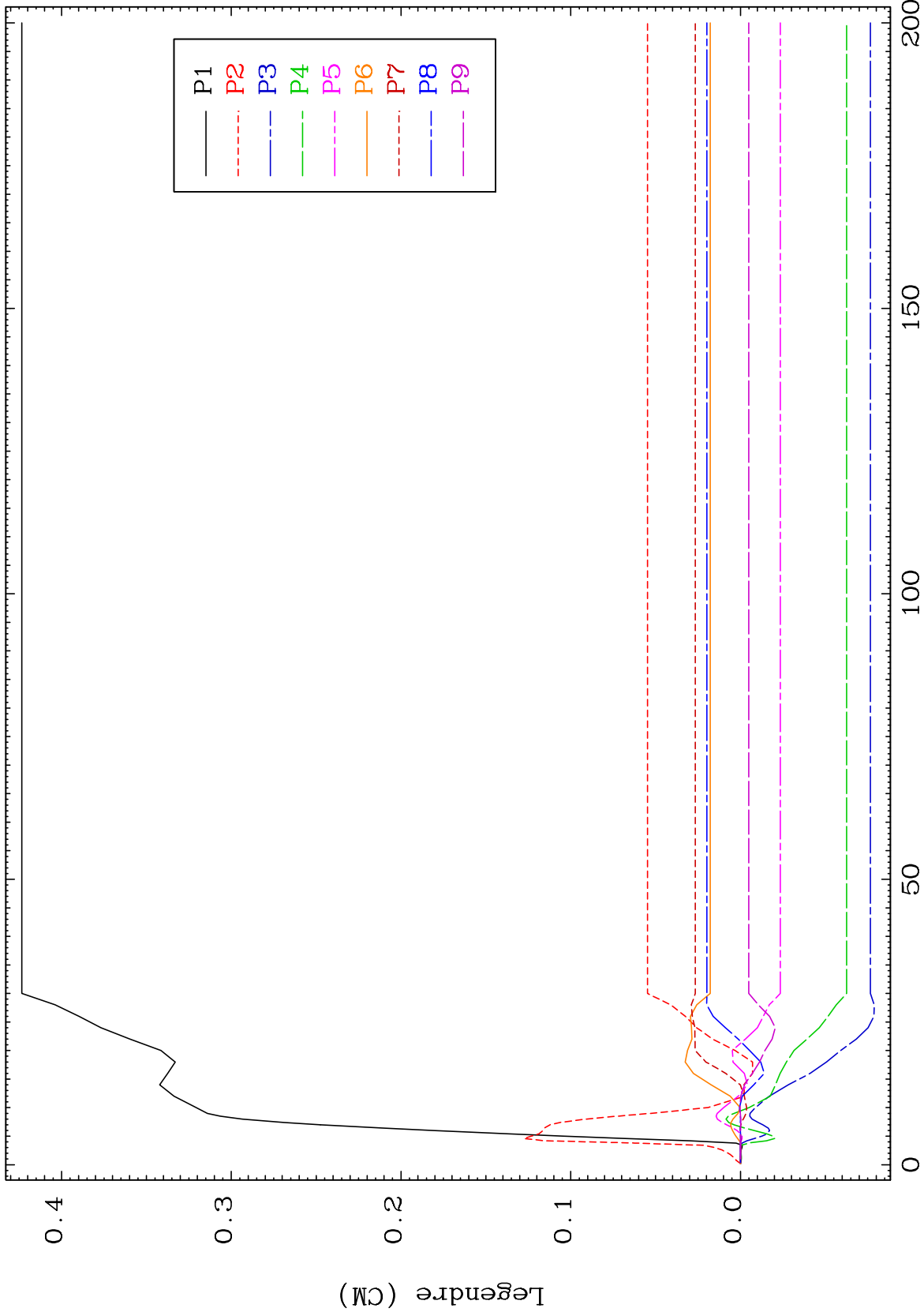
75-Re-182



MAT 7516

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

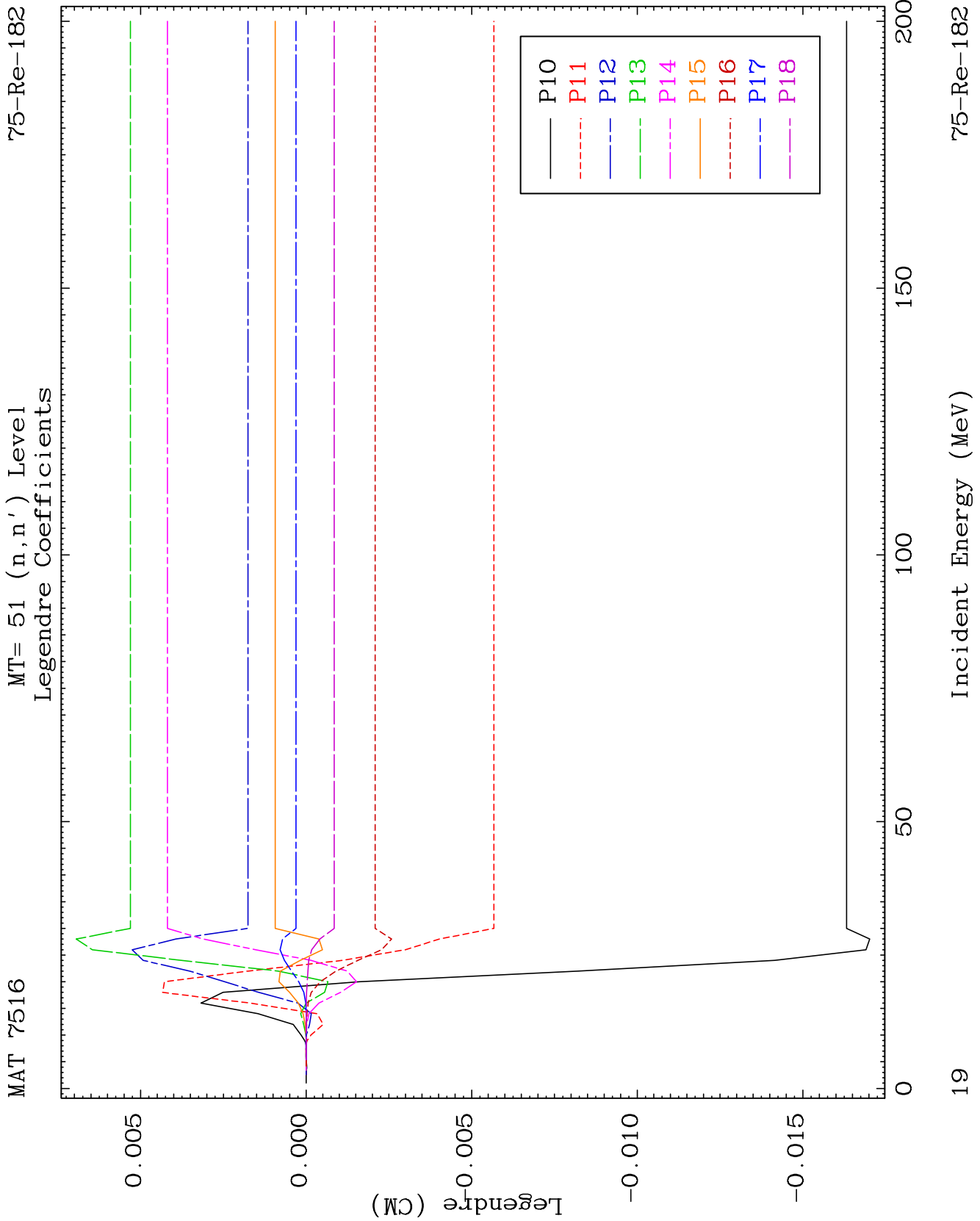
75-Re-182

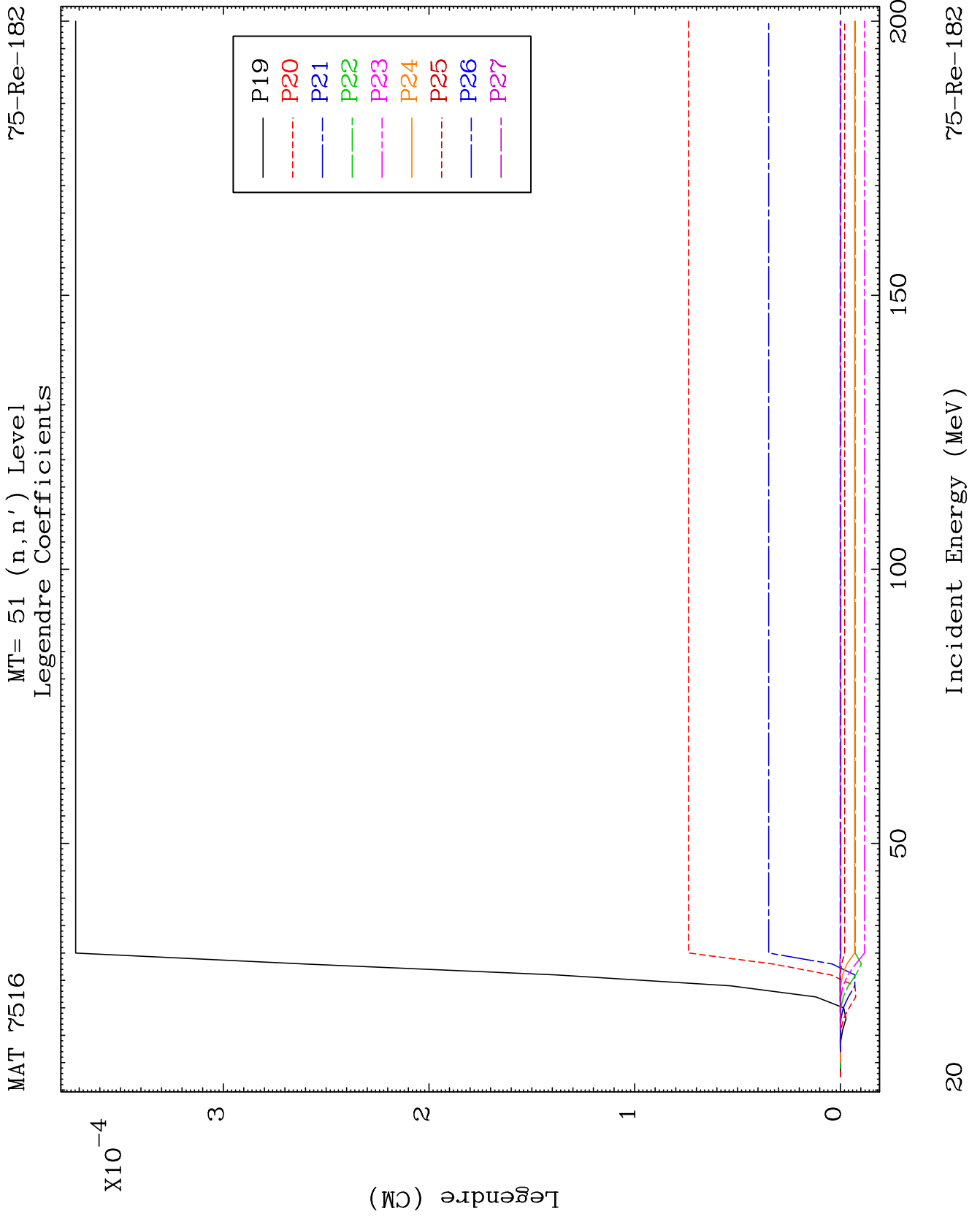


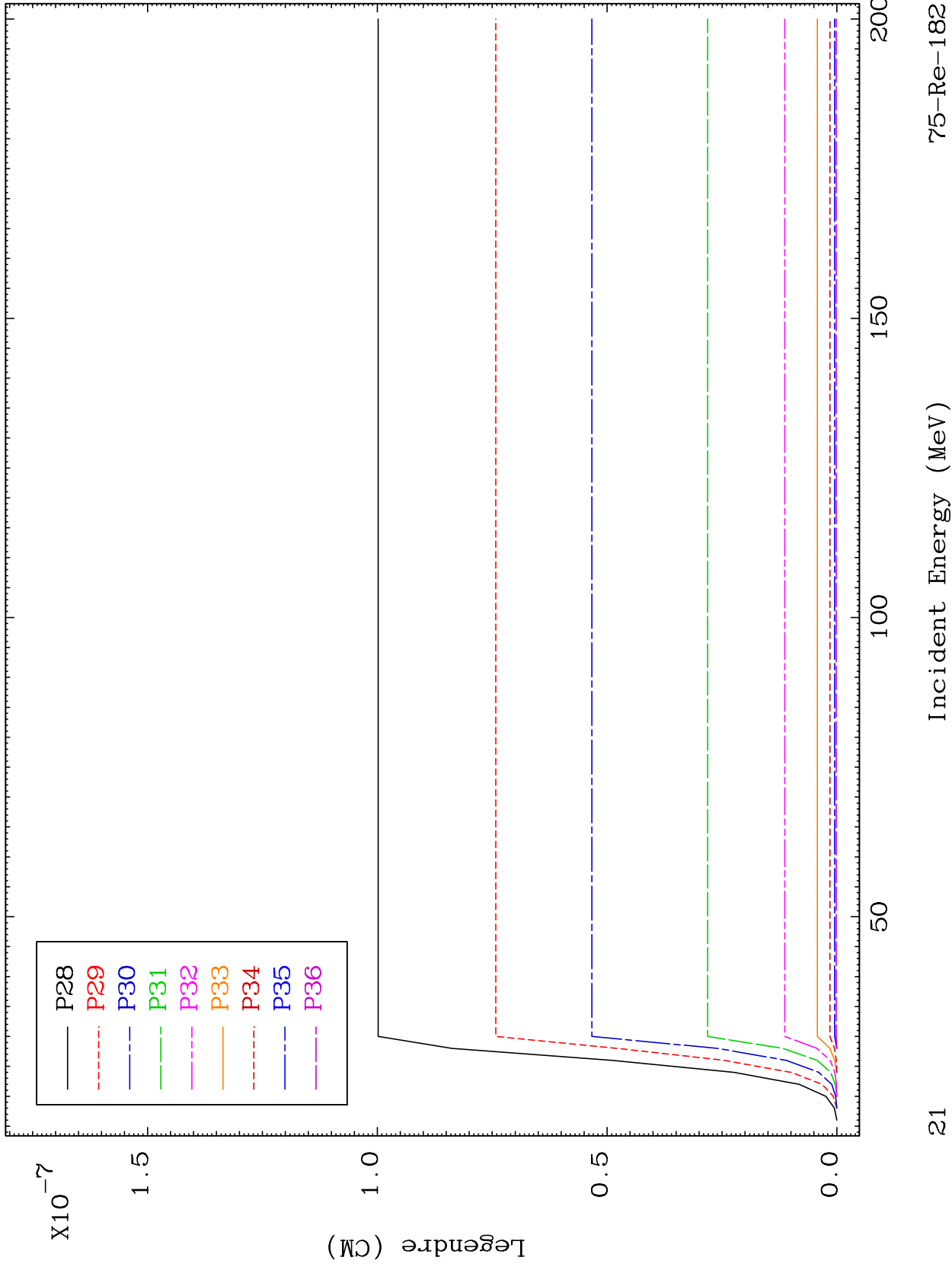
18

Incident Energy (MeV)

75-Re-182



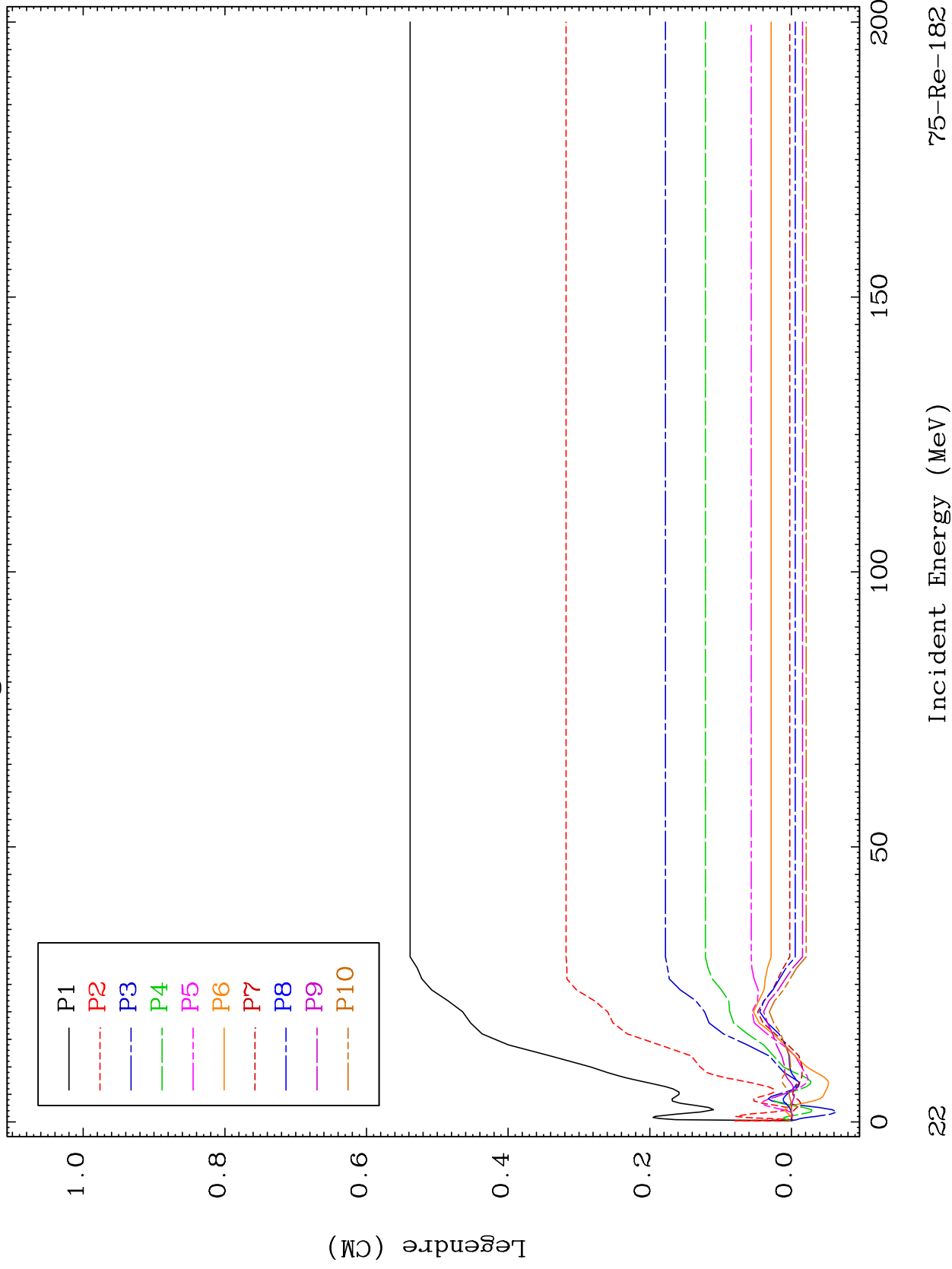




MAT 7516

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

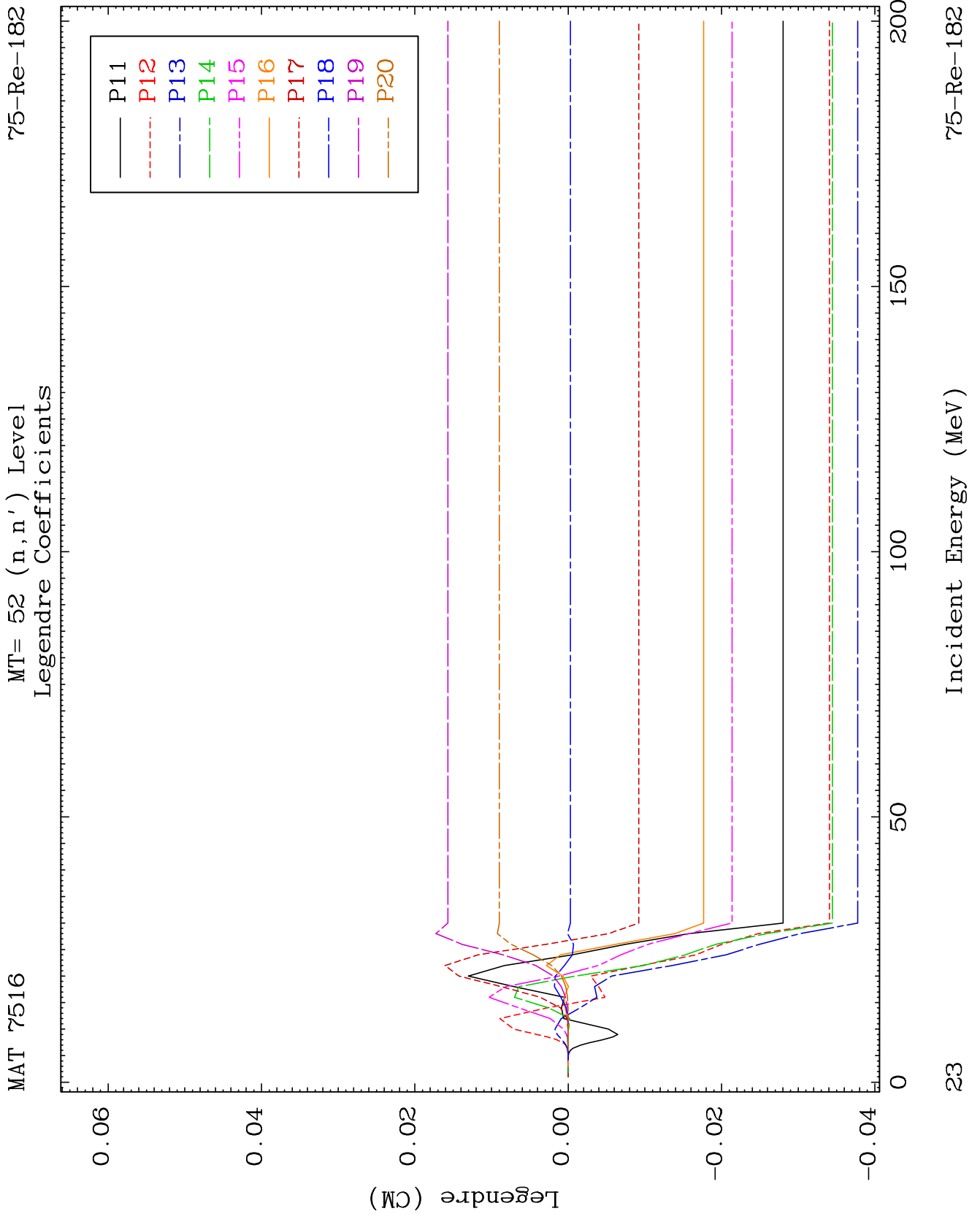
75-Re-182



22

Incident Energy (MeV)

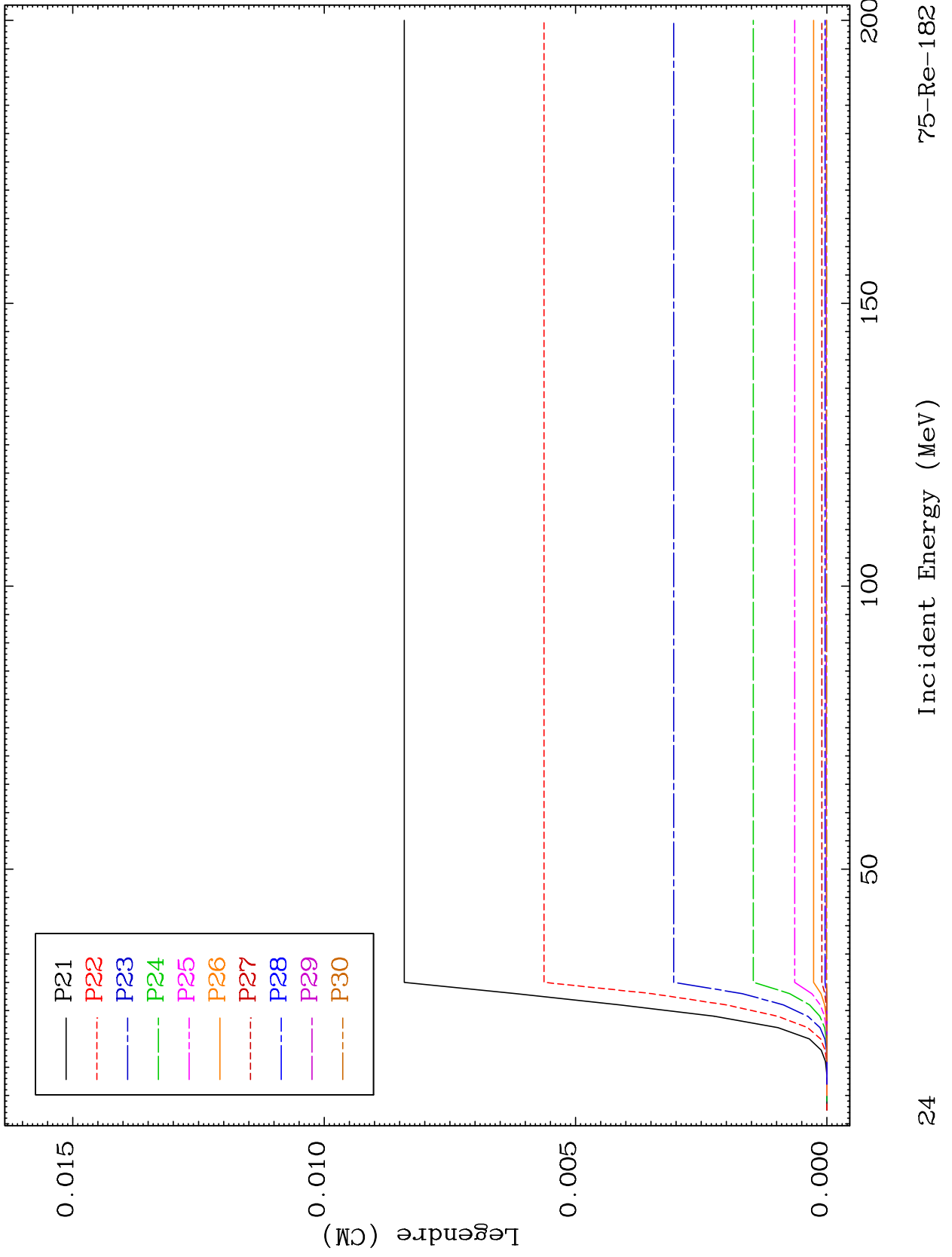
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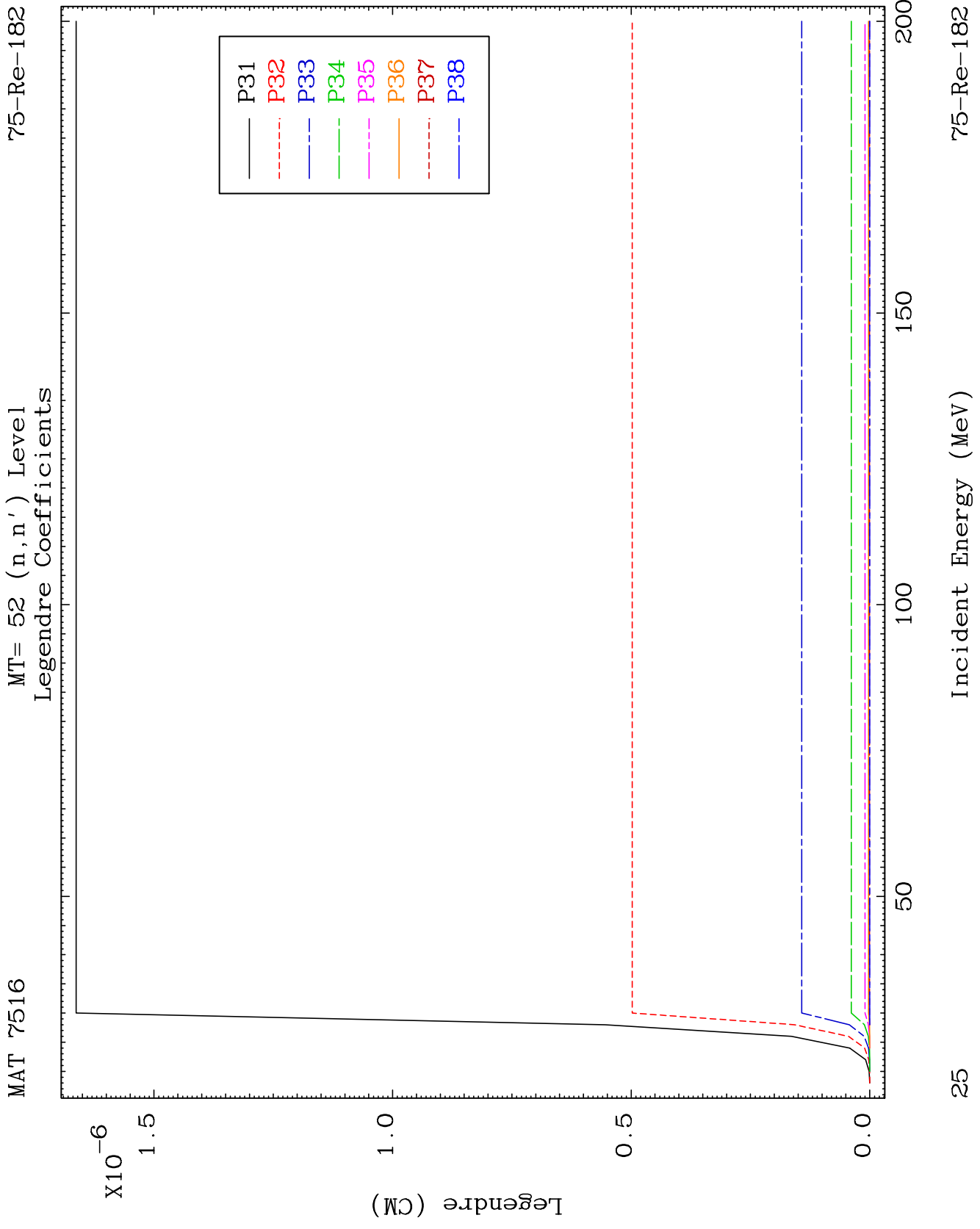


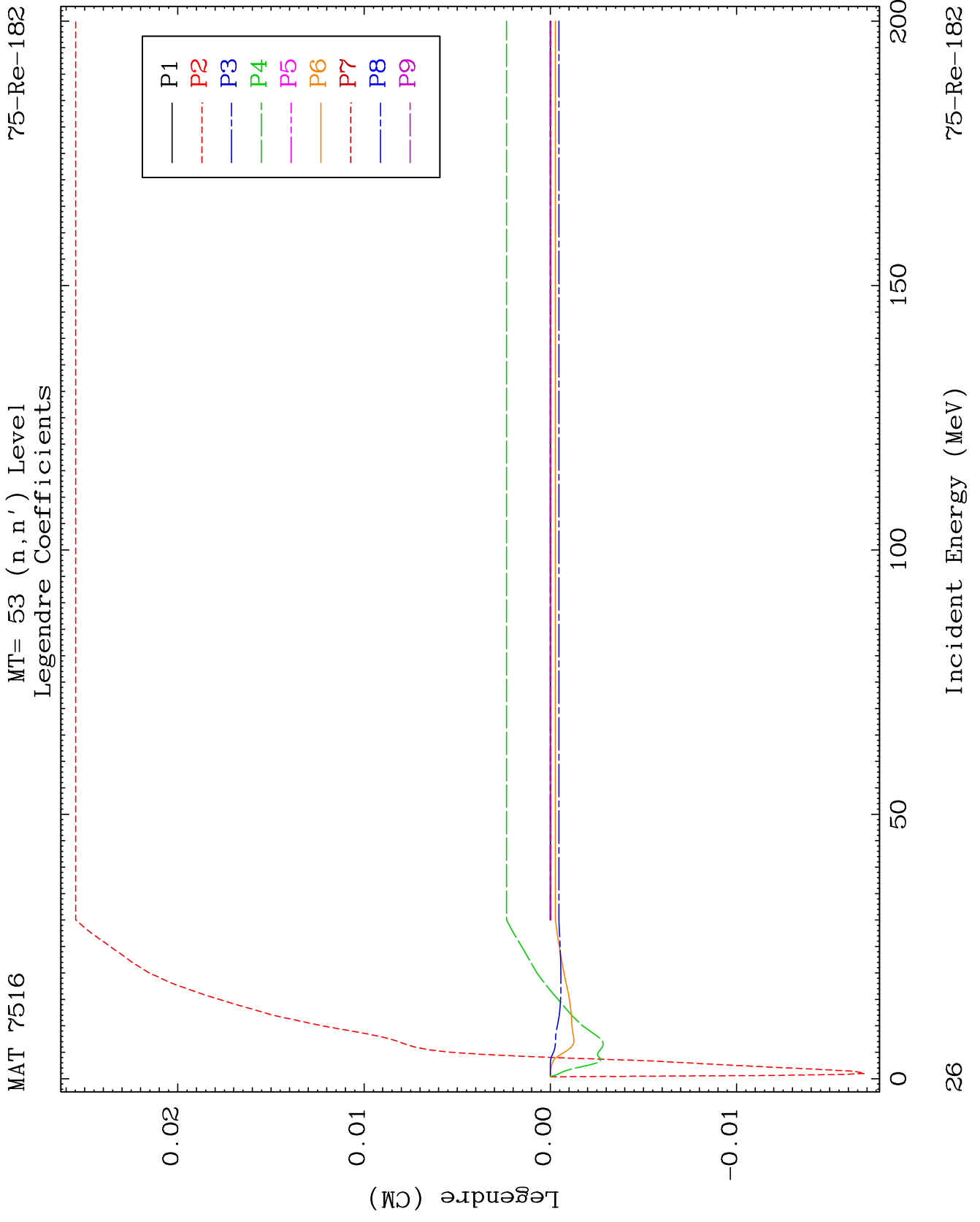
MAT 7516

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

75-Re-182



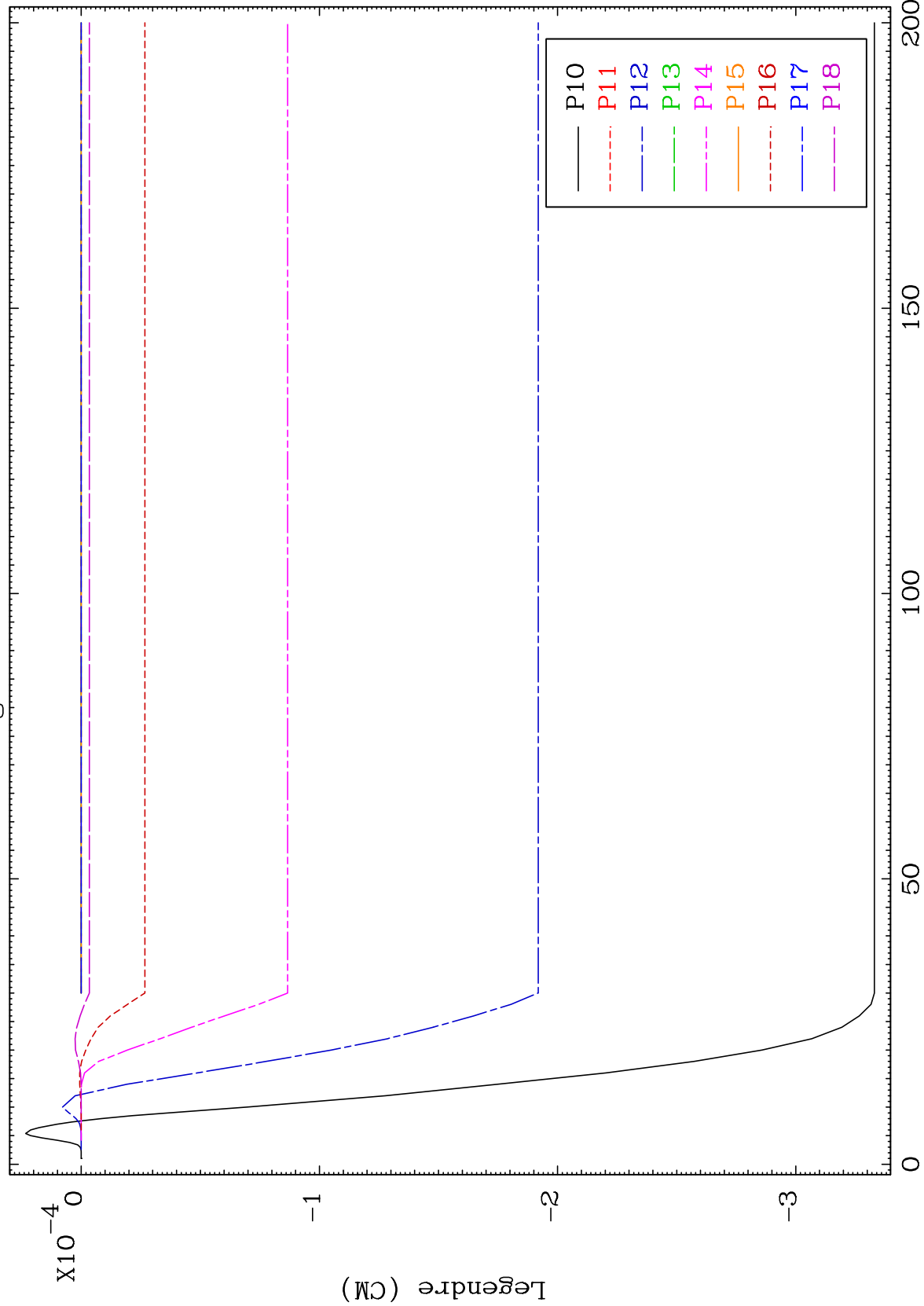




MAT 7516

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

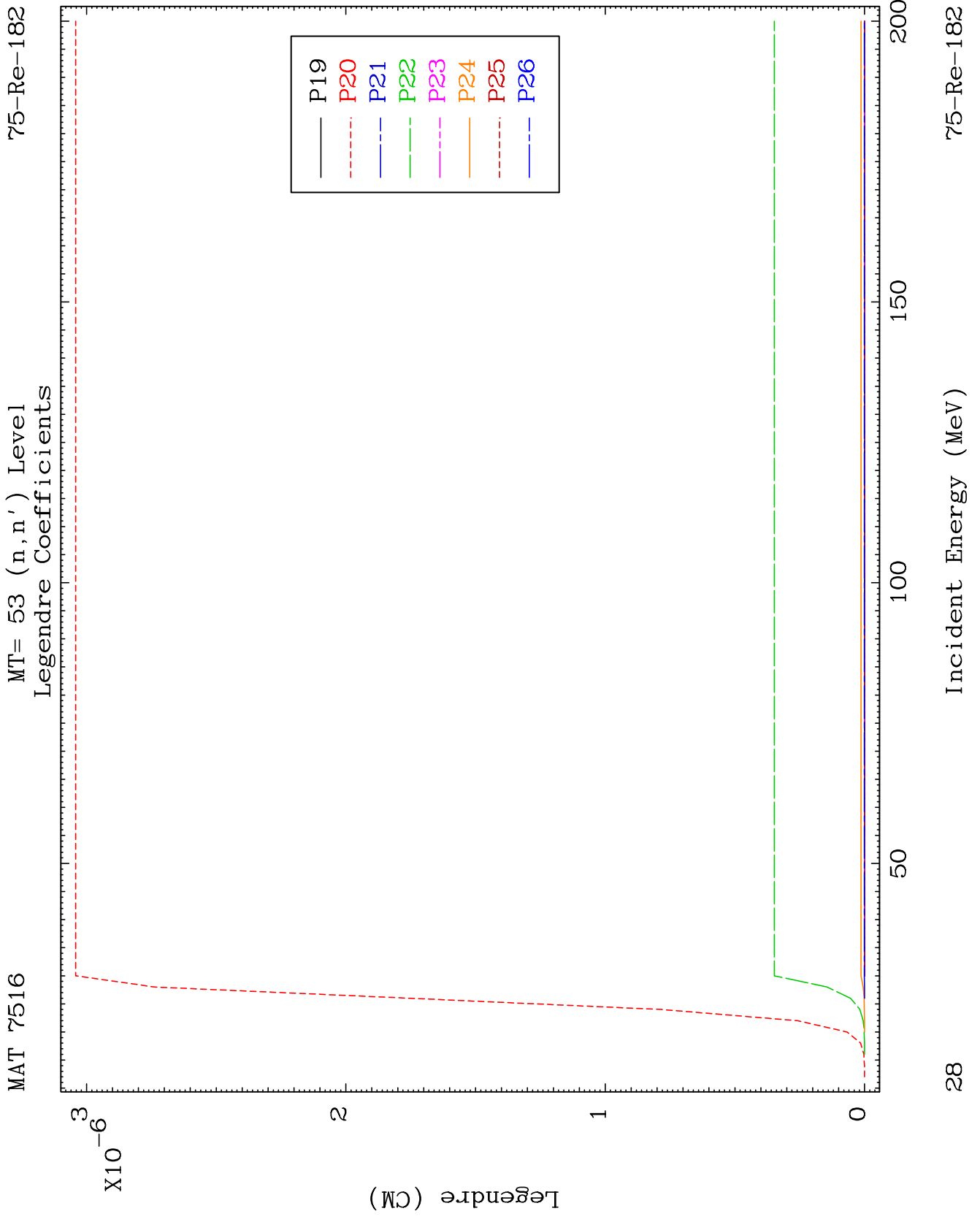
75-Re-182

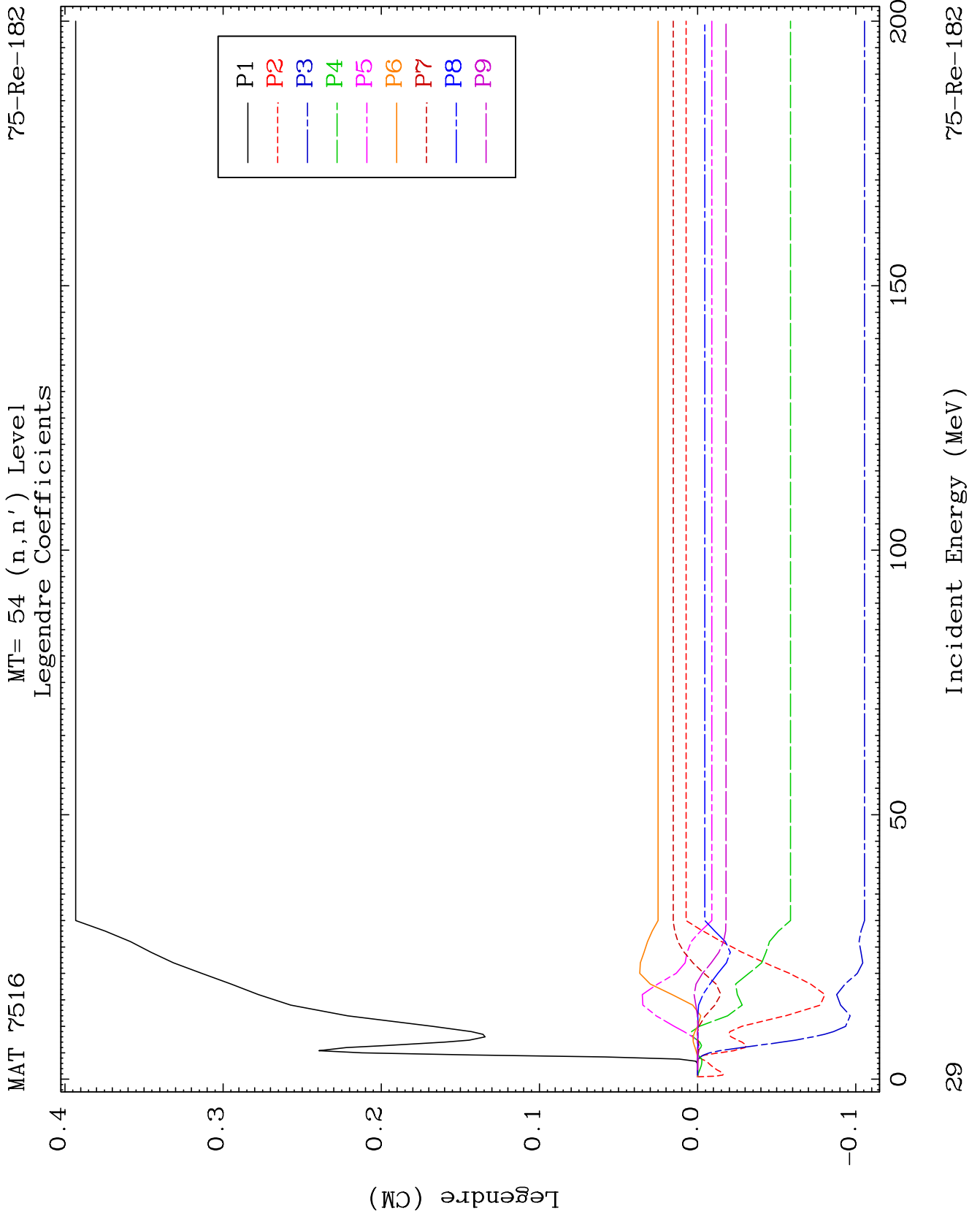


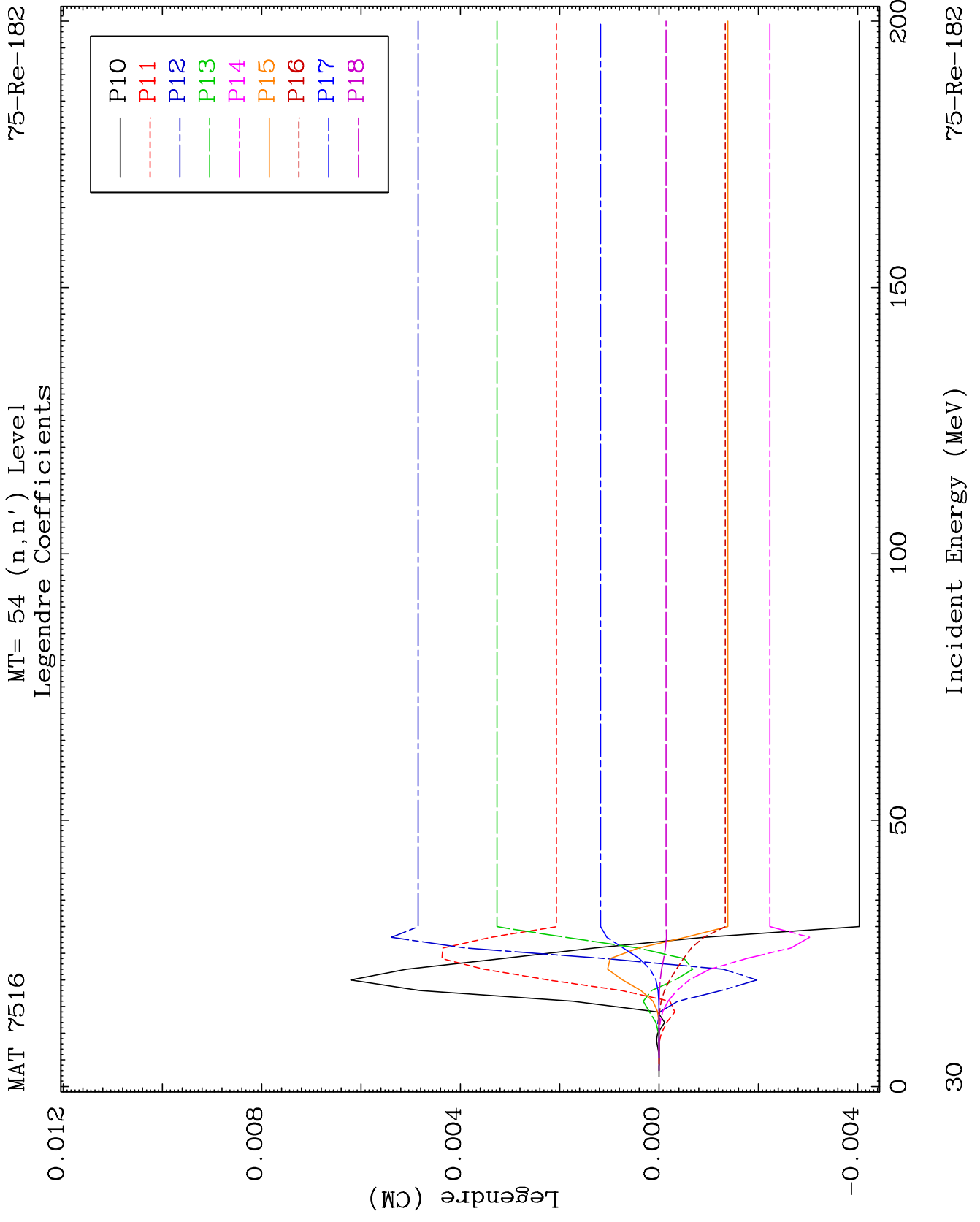
27

Incident Energy (MeV)

75-Re-182



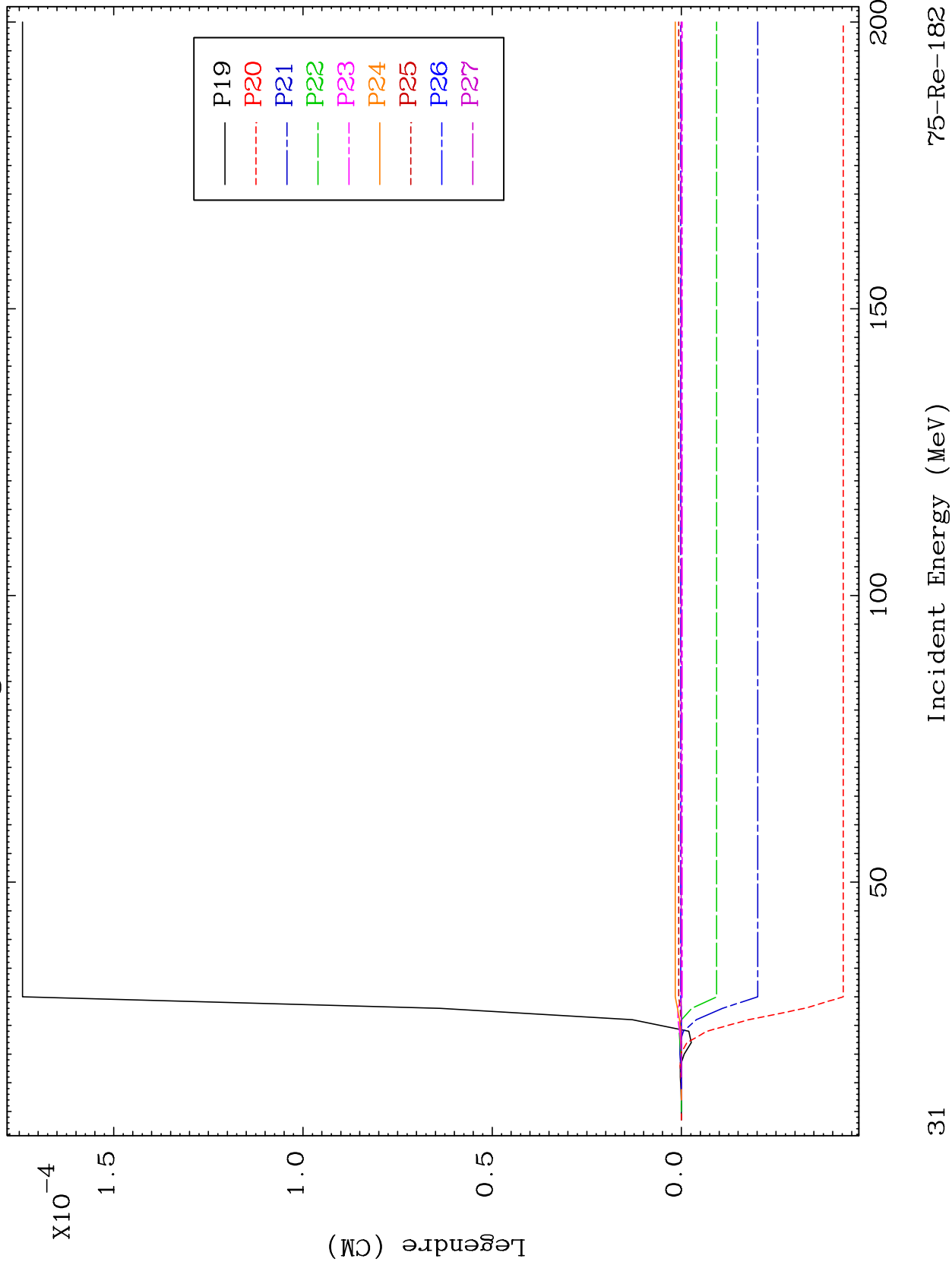




MAT 7516

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

75-Re-182



31

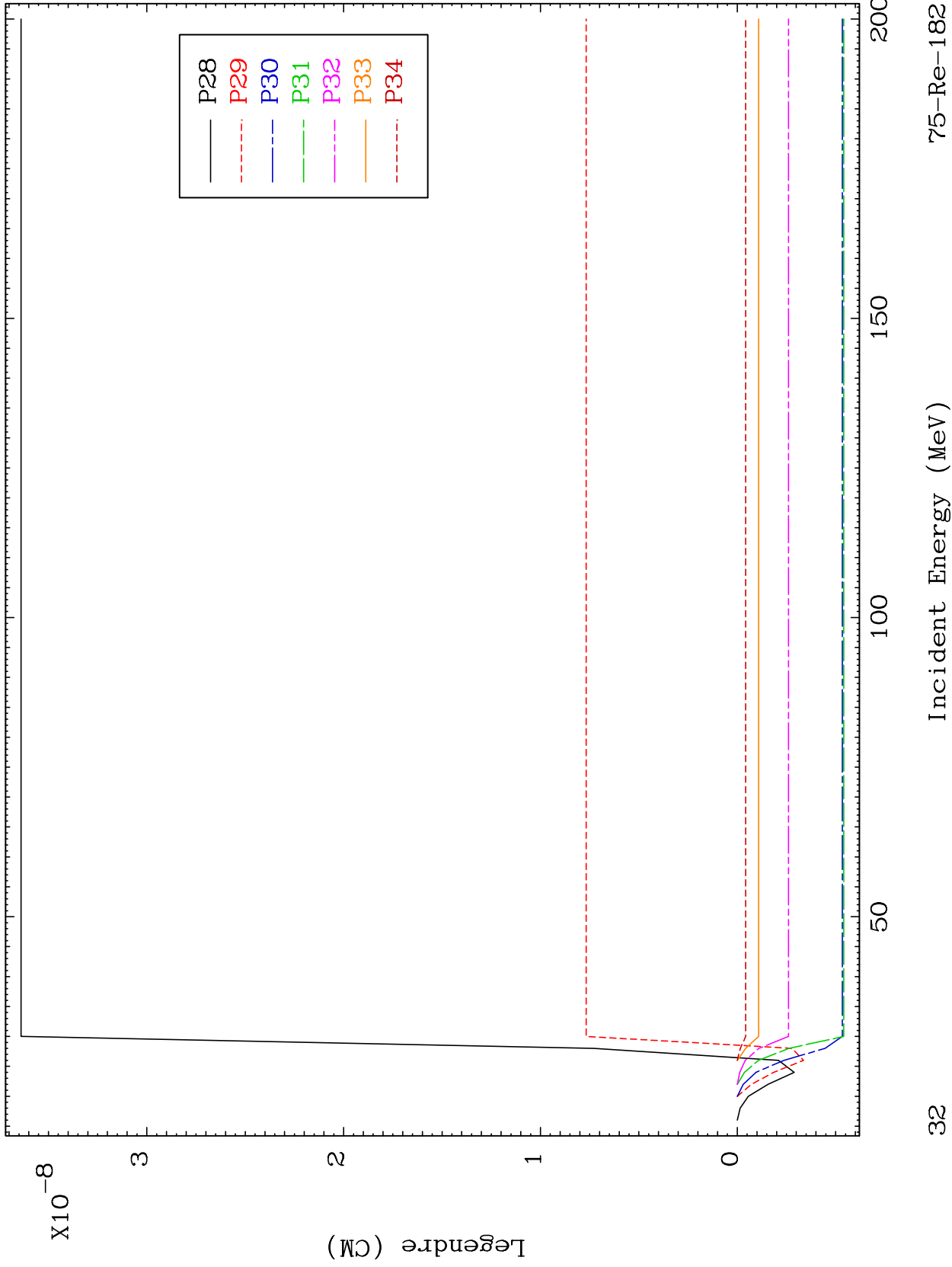
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182

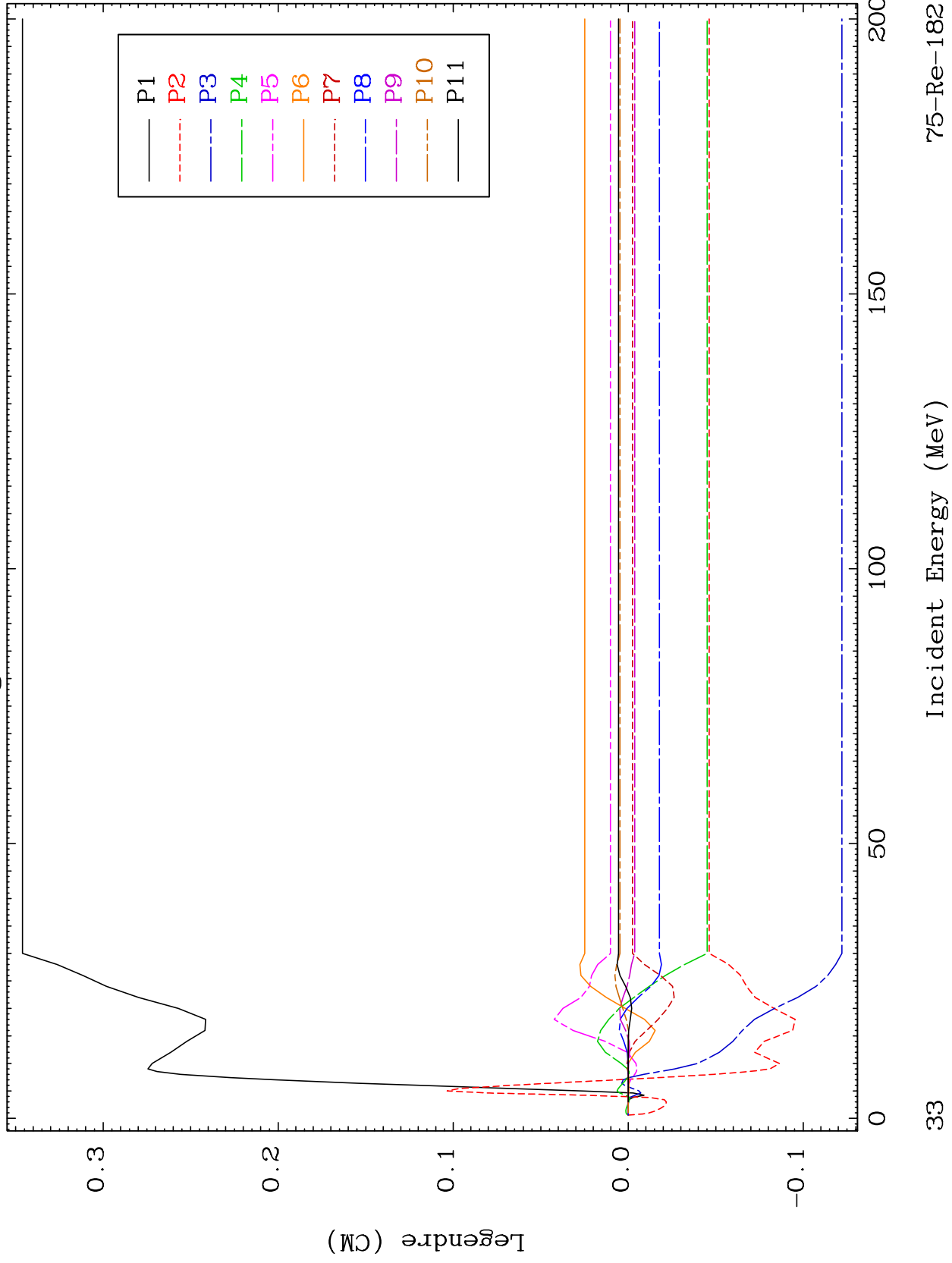


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MAT 7516

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

75-Re-182



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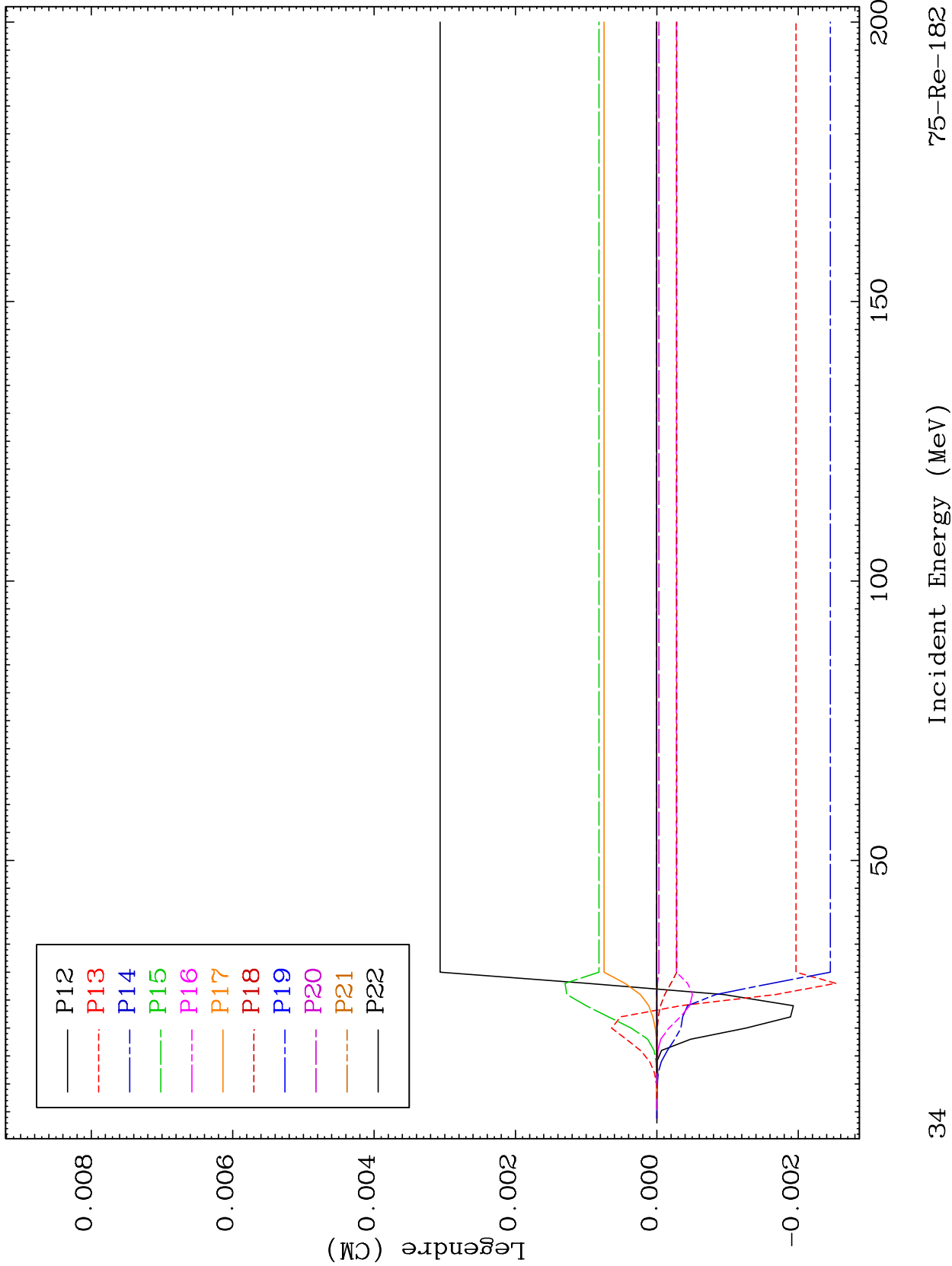
Incident Energy (MeV)

75-Re-182

MAT 7516

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

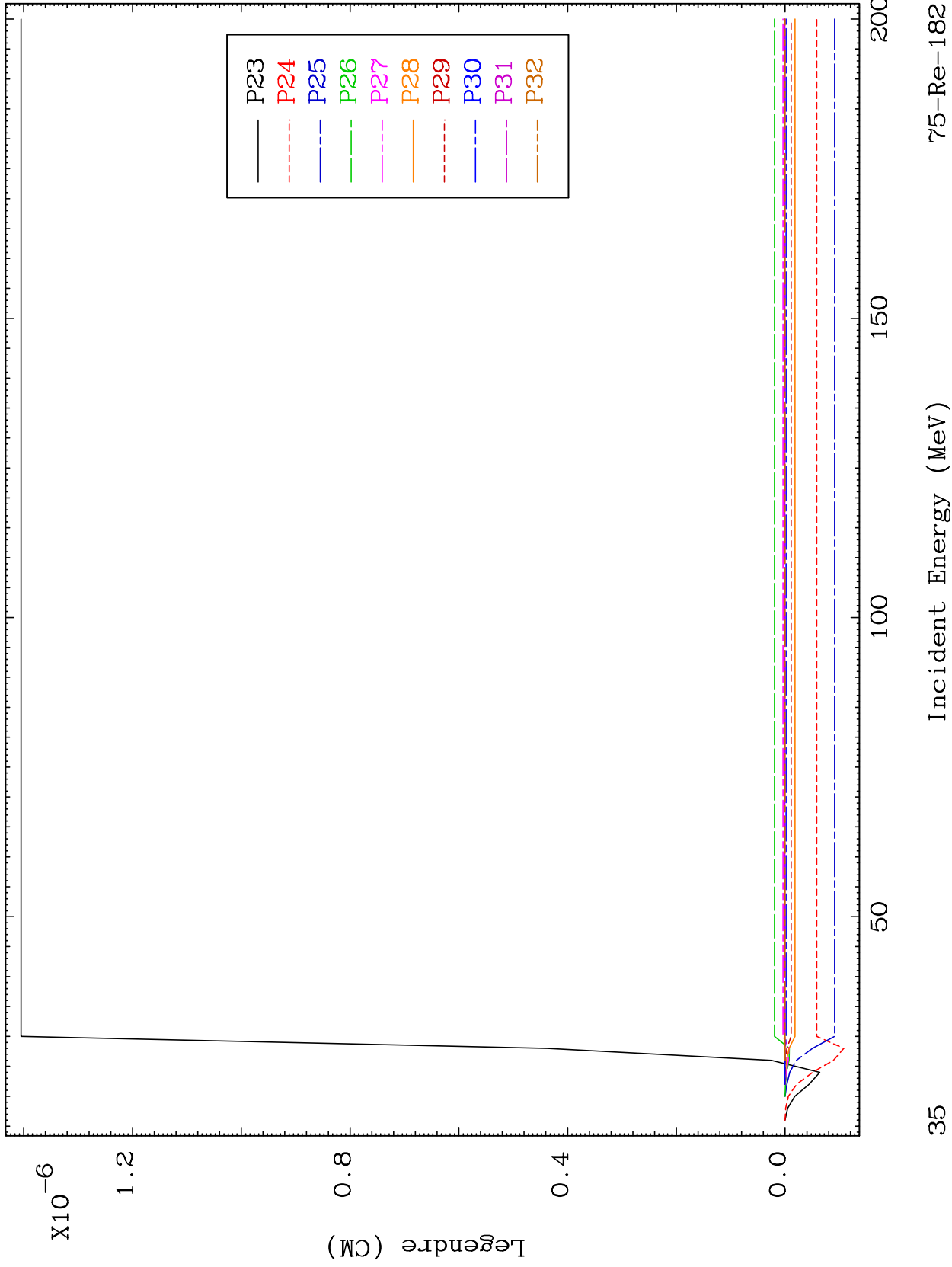
75-Re-182



MAT 7516

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

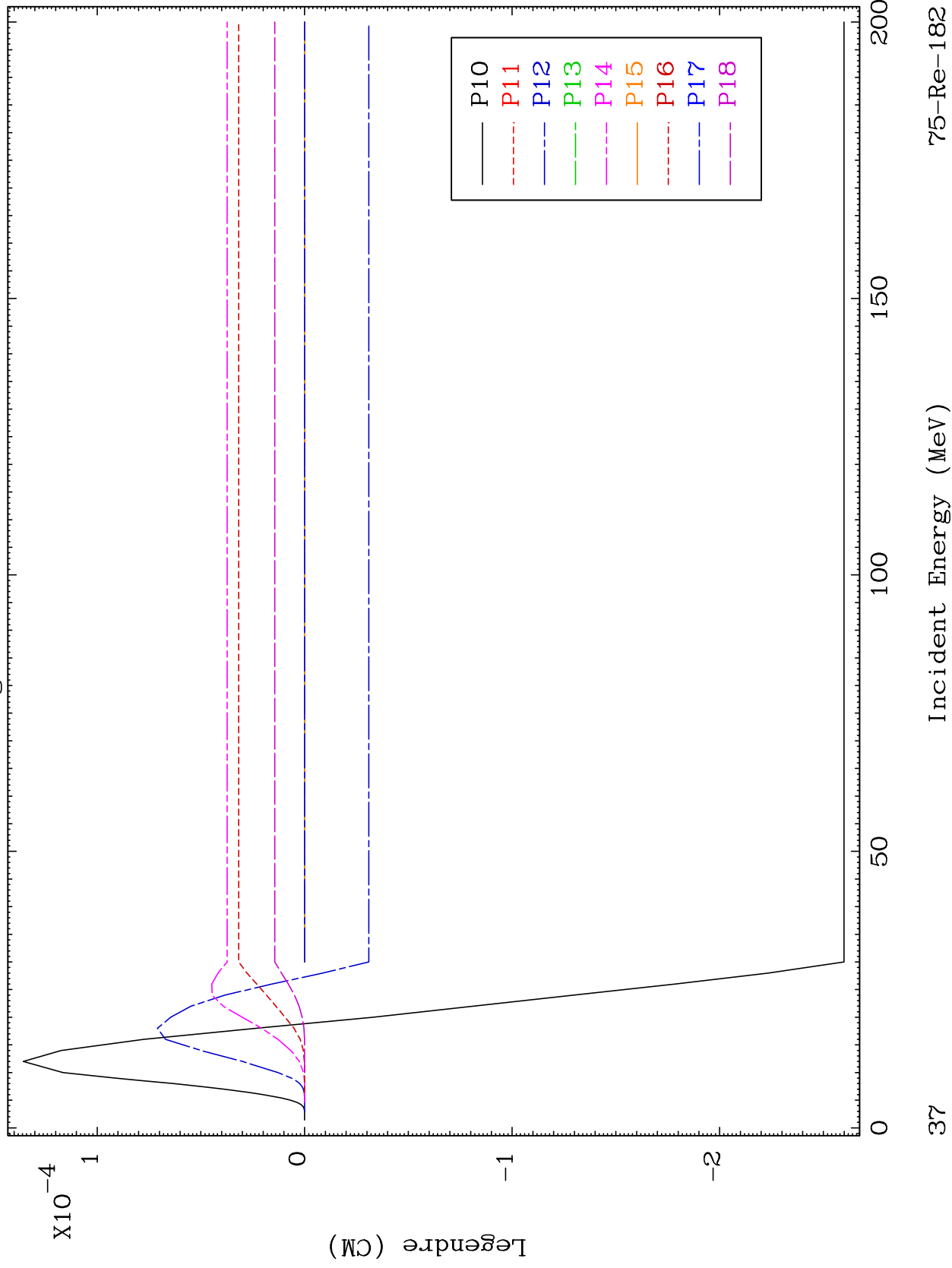
75-Re-182



MAT 7516

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

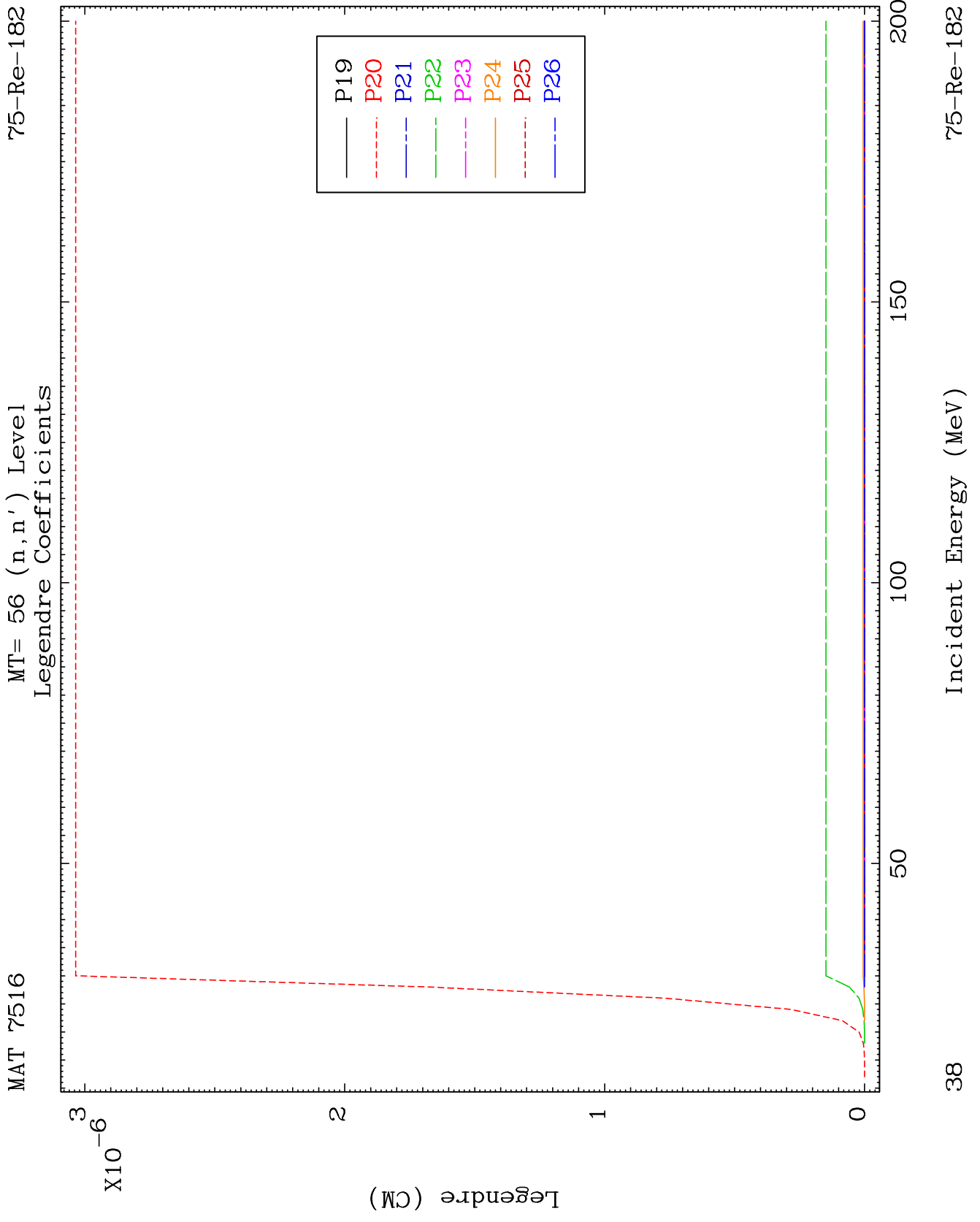
75-Re-182



37

Incident Energy (MeV)

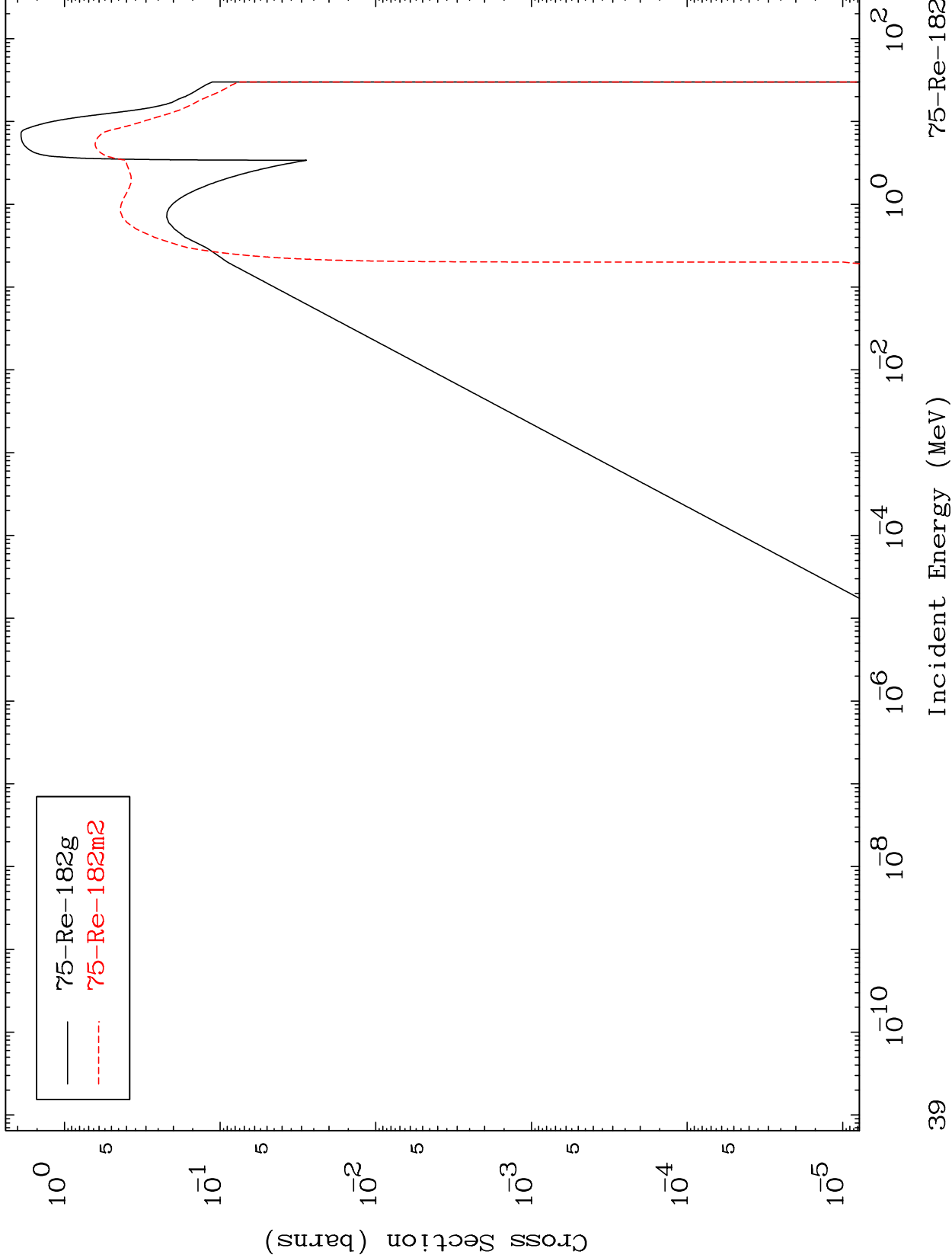
75-Re-182



MAT 7516

Inelastic
Radionuclide Production Cross Section

75-Re-182

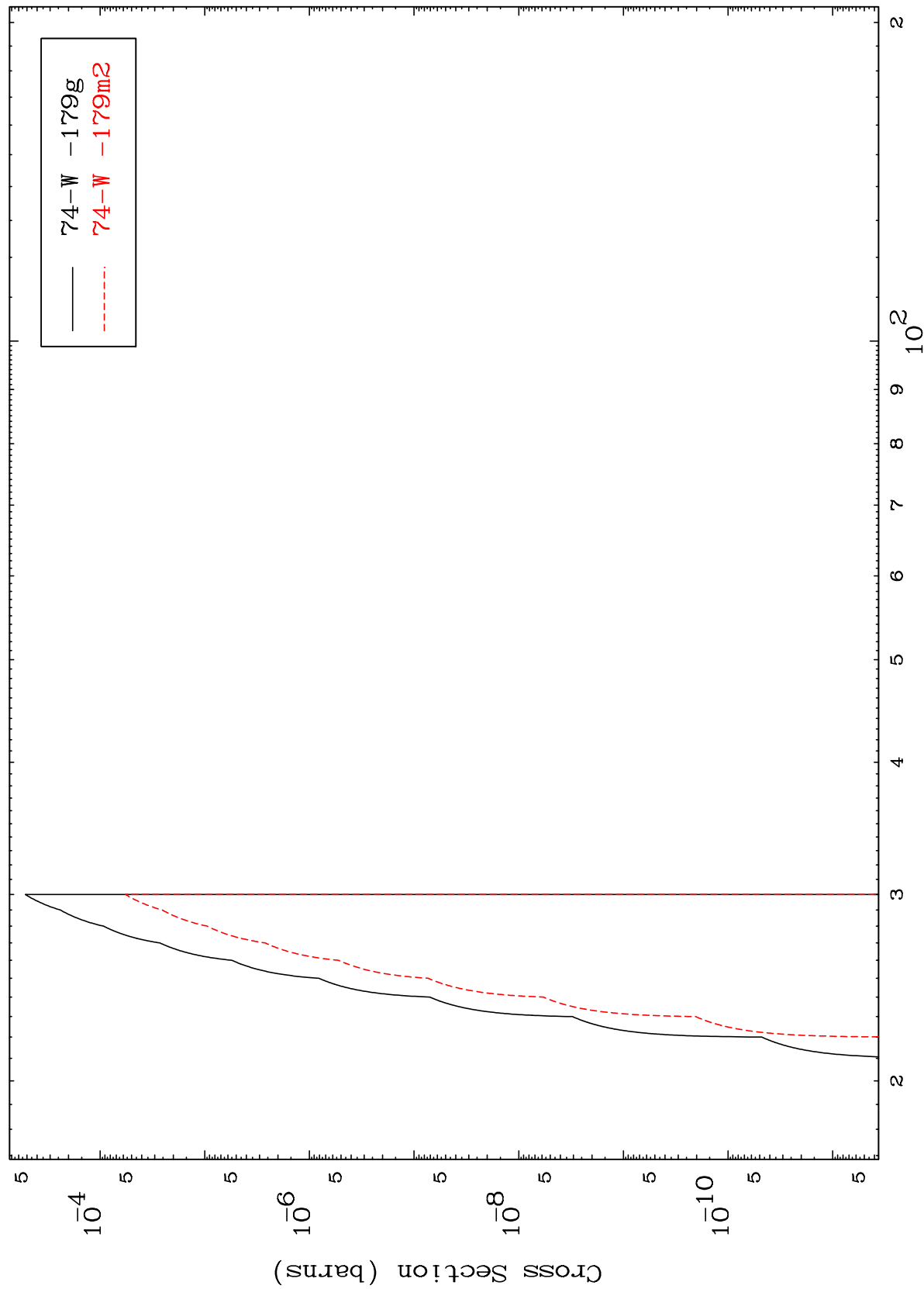


MAT 7516

(n,2n) d

75-Re-182

Radionuclide Production Cross Section



40

Incident Energy (MeV)

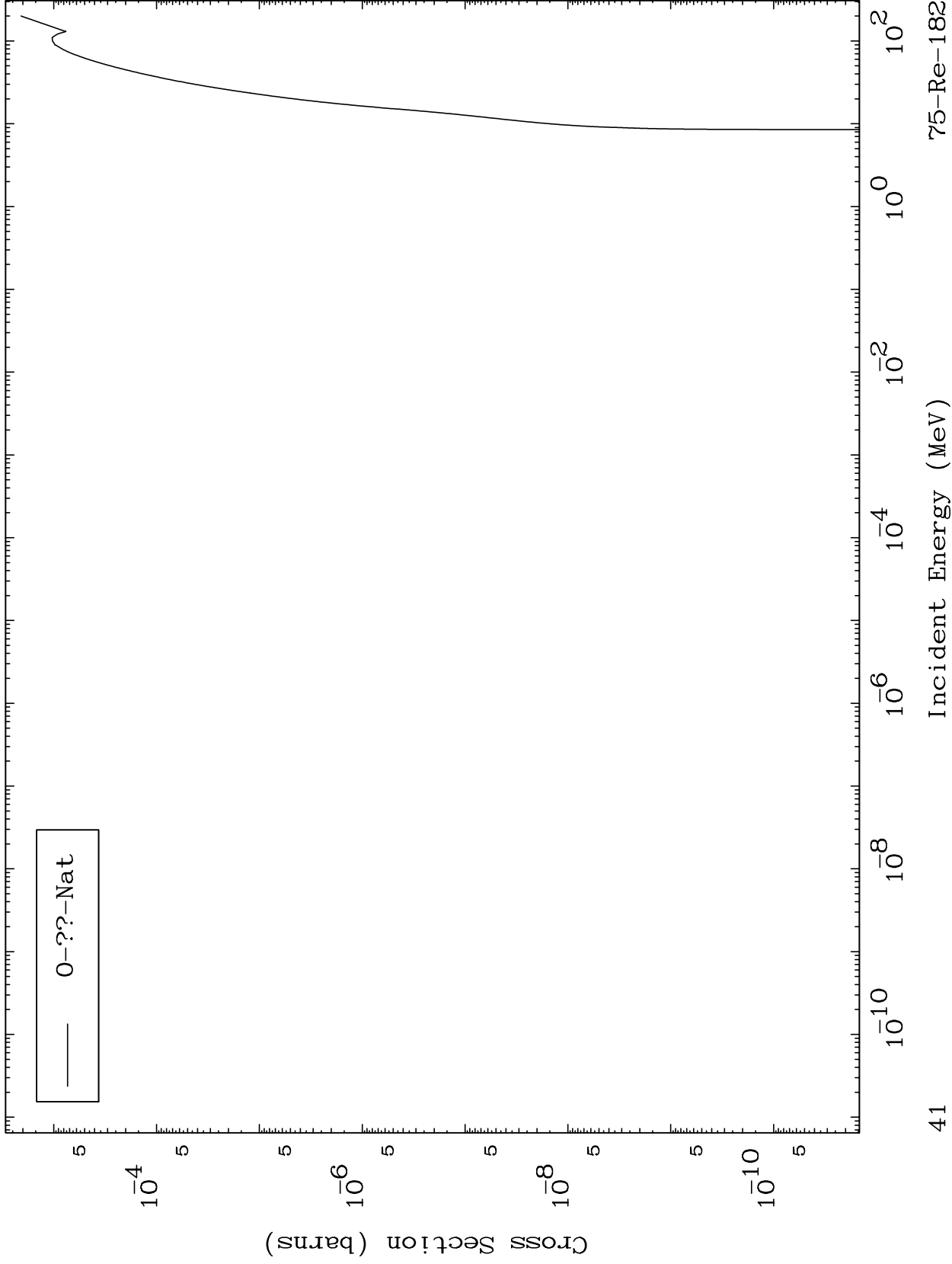
75-Re-182

MAT 7516

Fission

75-Re-182

Radionuclide Production Cross Section

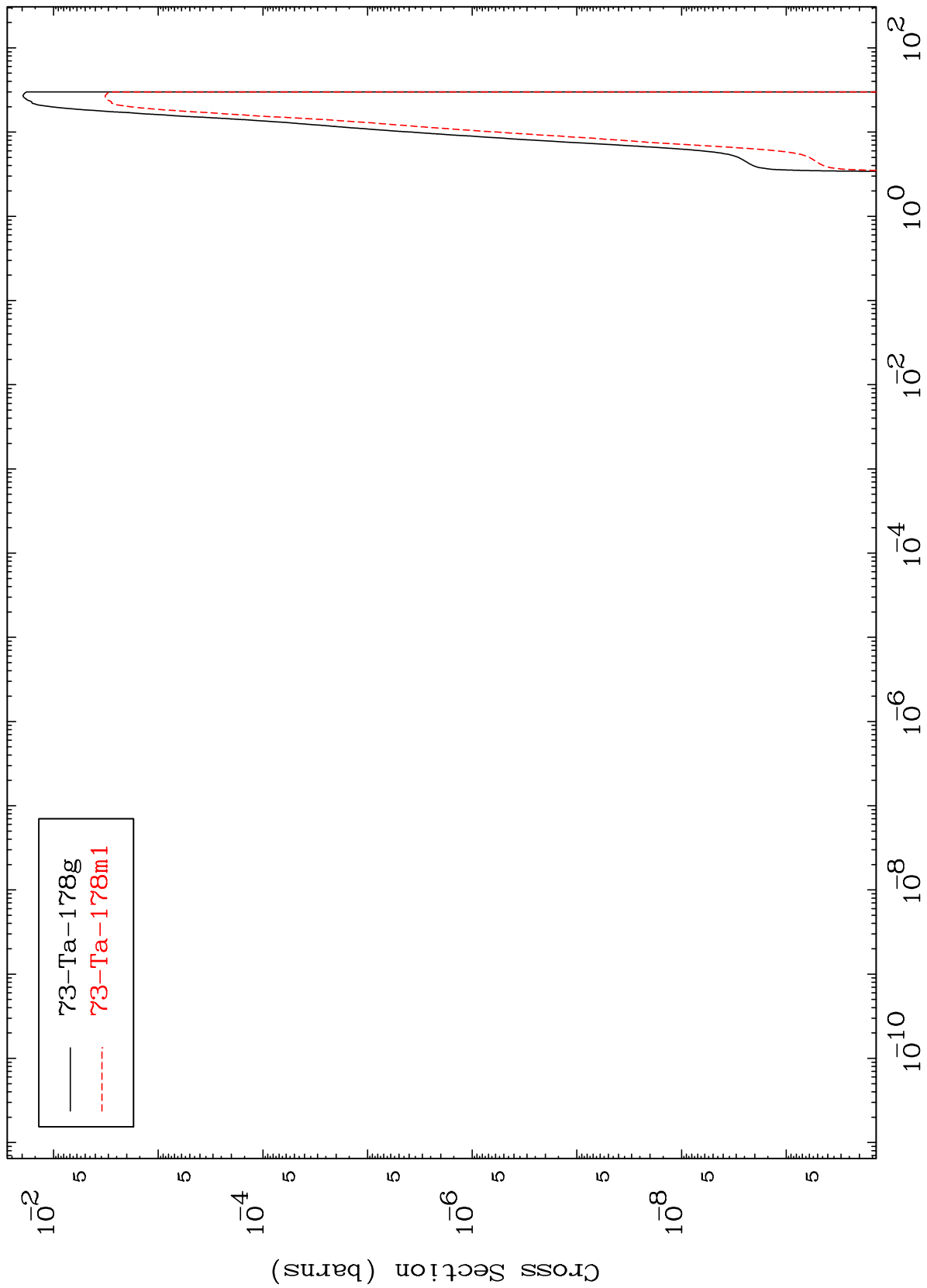


MAT 7516

(n, n') α

75-Re-182

Radionuclide Production Cross Section

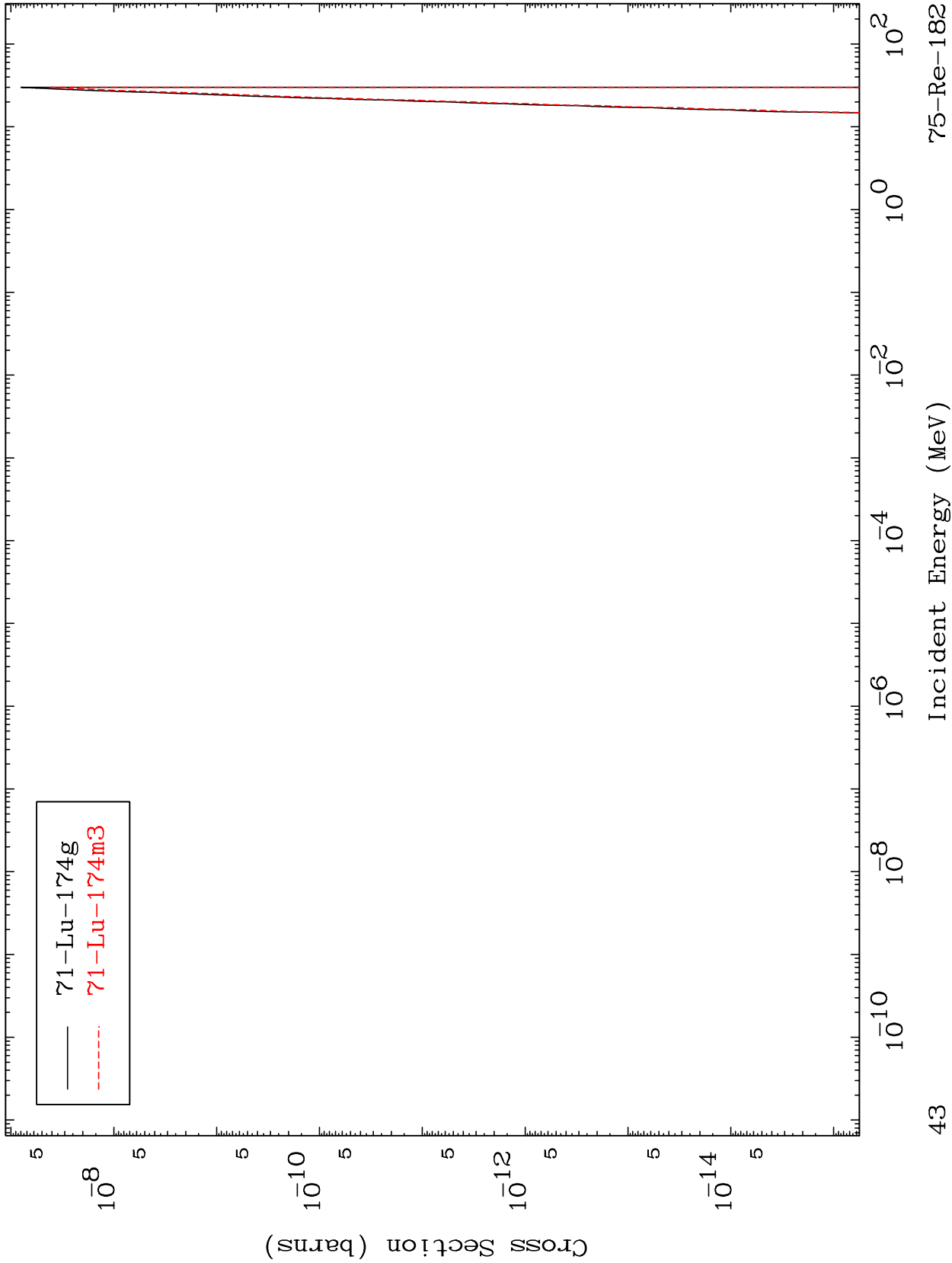


MAT 7516

(n,n') 2α

75-Re-182

Radionuclide Production Cross Section

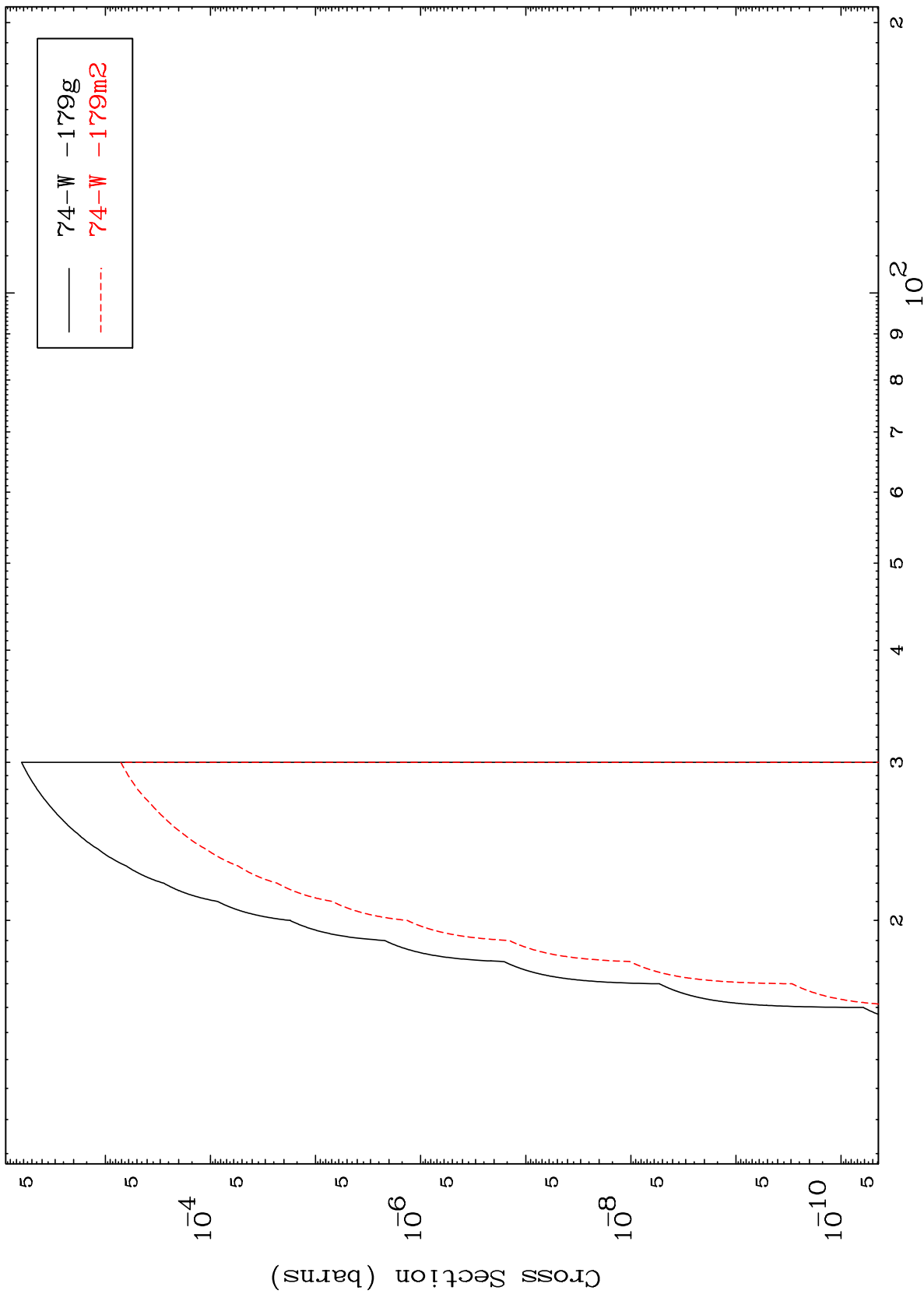


MAT 7516

(n,n') t

75-Re-182

Radionuclide Production Cross Section



44

Incident Energy (MeV)

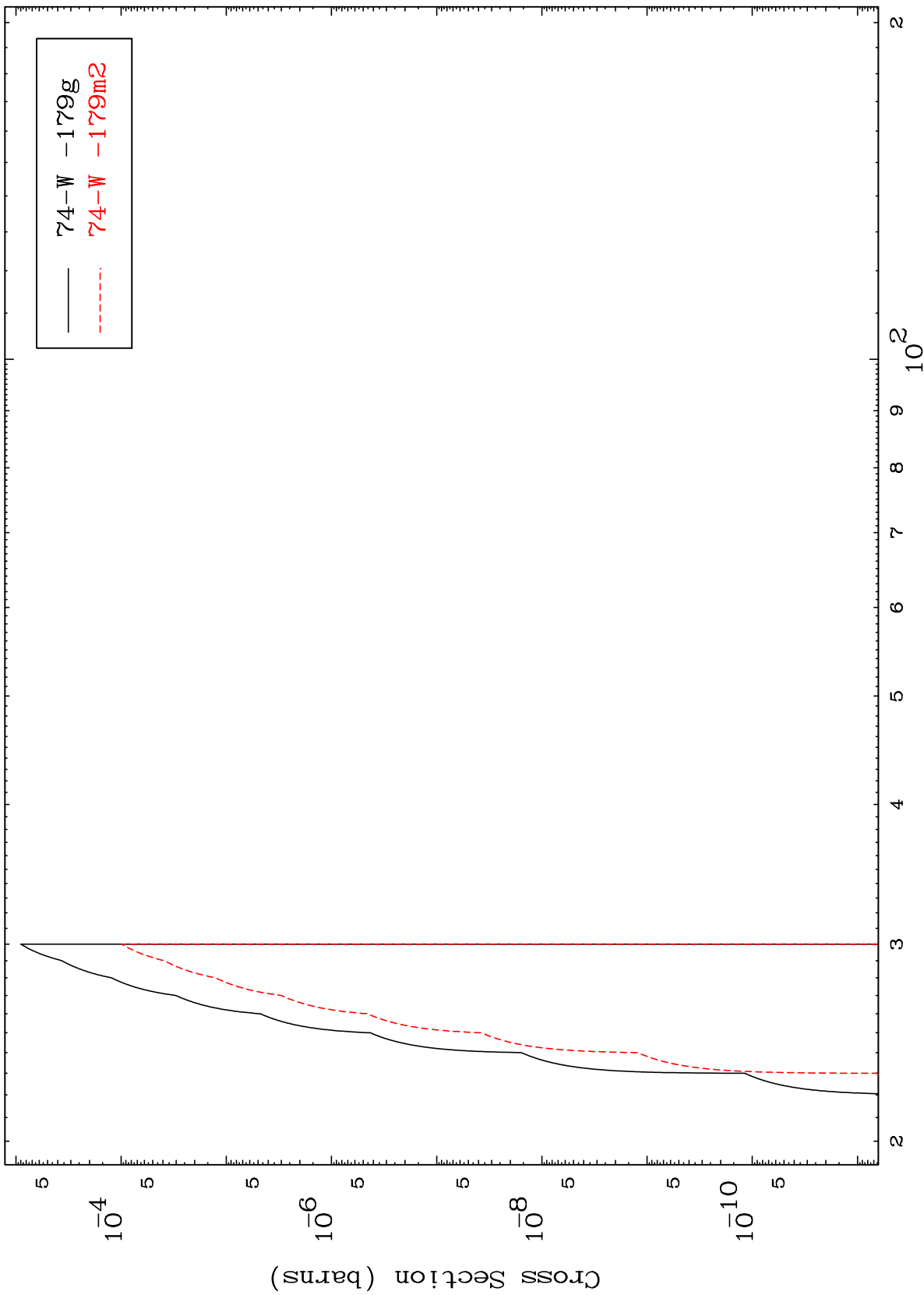
75-Re-182

MAT 7516

(n,3n) p

75-Re-182

Radionuclide Production Cross Section



45

Incident Energy (MeV)

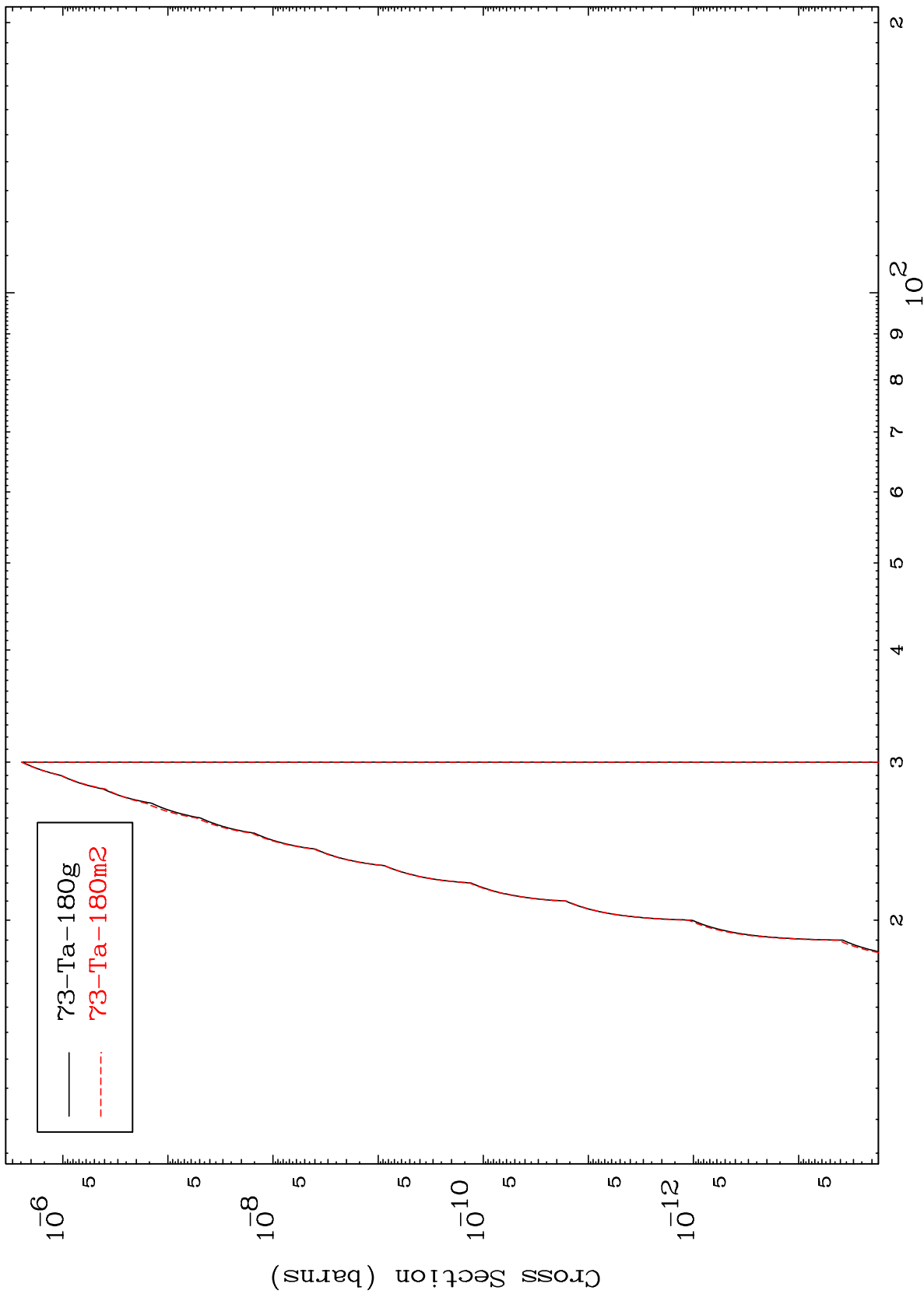
75-Re-182

MAT 75116

(n,2n) p

75-Re-182

Radionuclide Production Cross Section

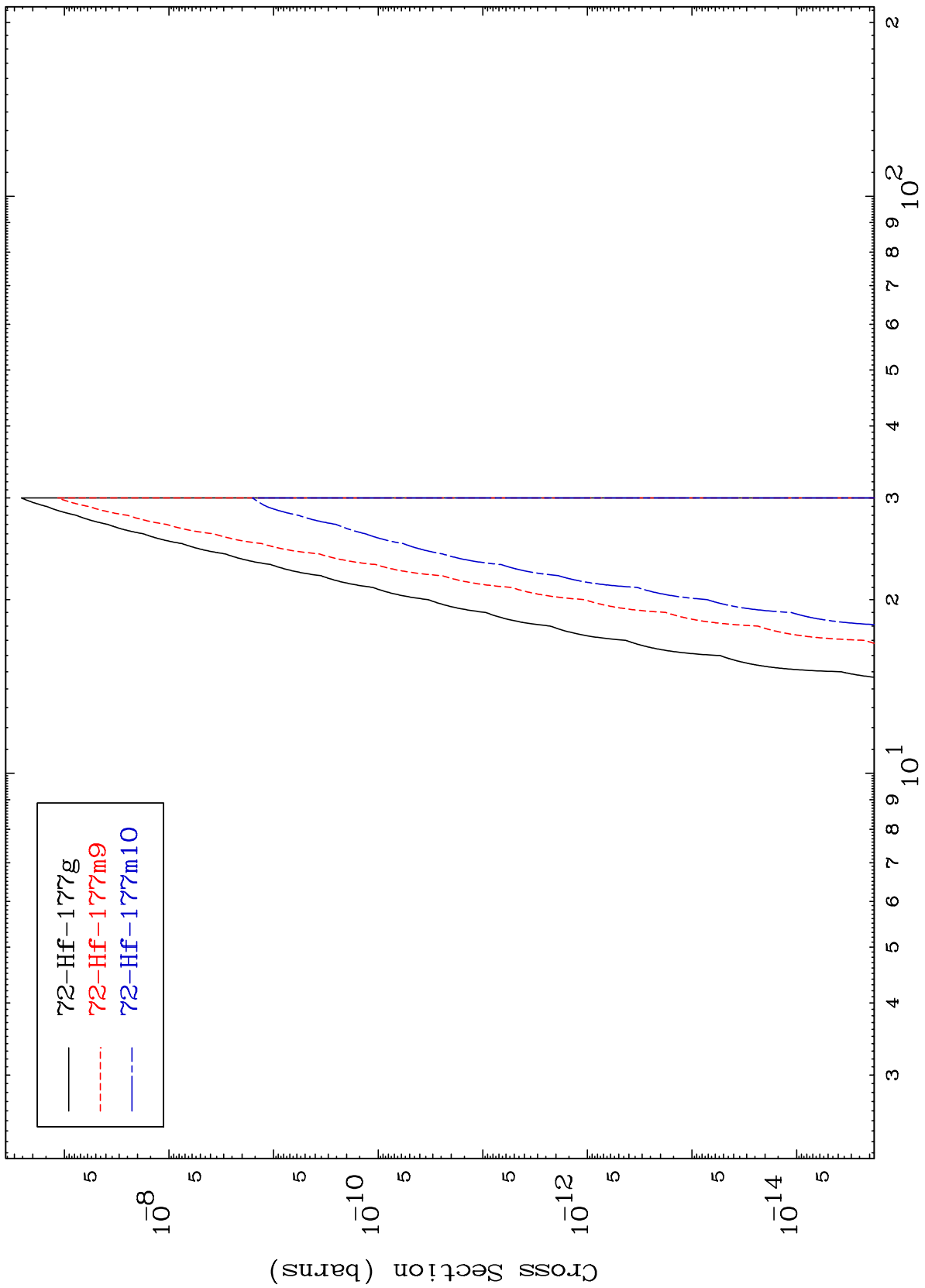


MAT 7516

(n,n') p α

75-Re-182

Radionuclide Production Cross Section

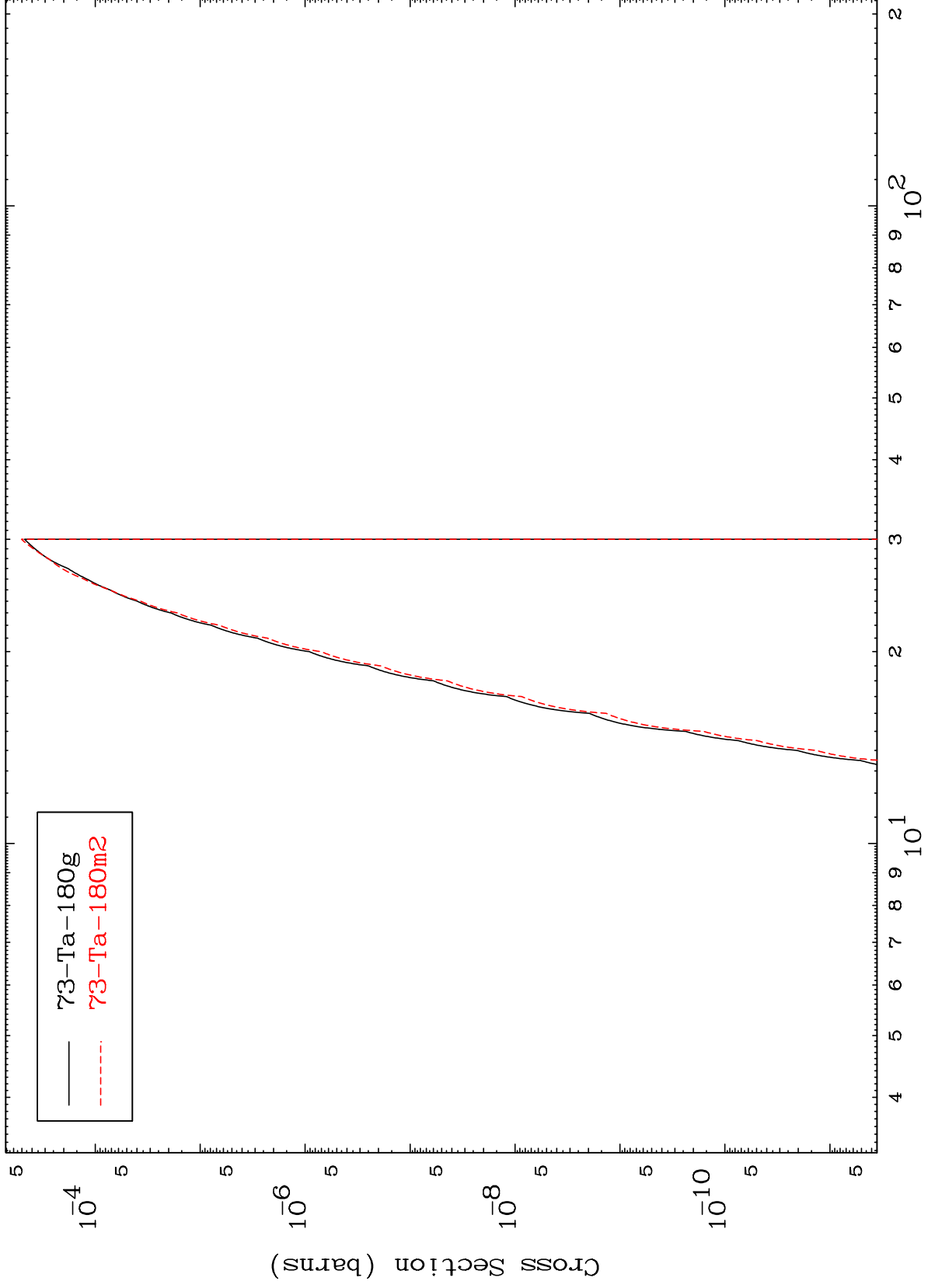


MAT 7516

(n,He-3)

75-Re-182

Radionuclide Production Cross Section



48

Incident Energy (MeV)

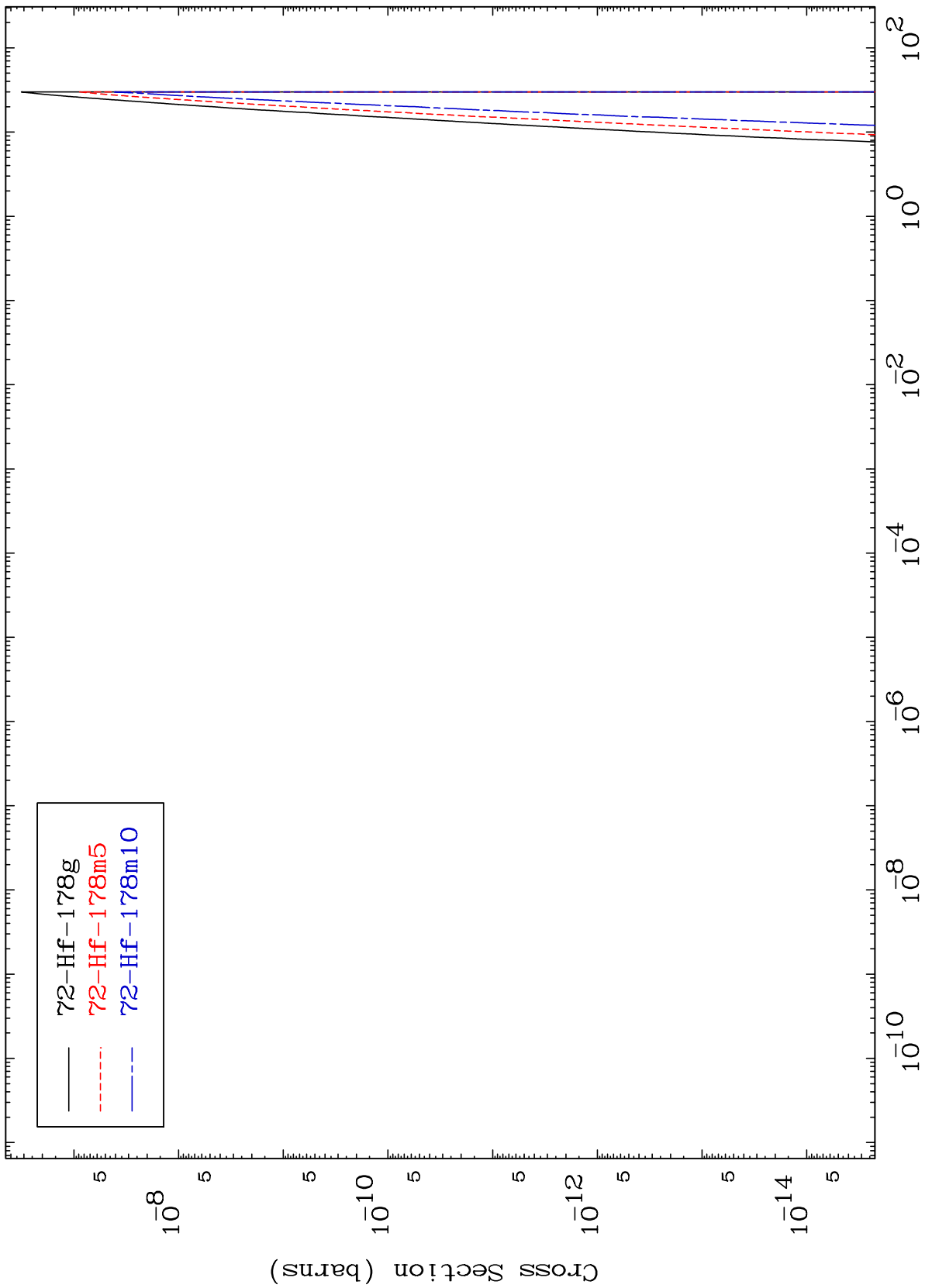
75-Re-182

MAT 7516

(n,p) α

⁷⁵Re-182

Radionuclide Production Cross Section

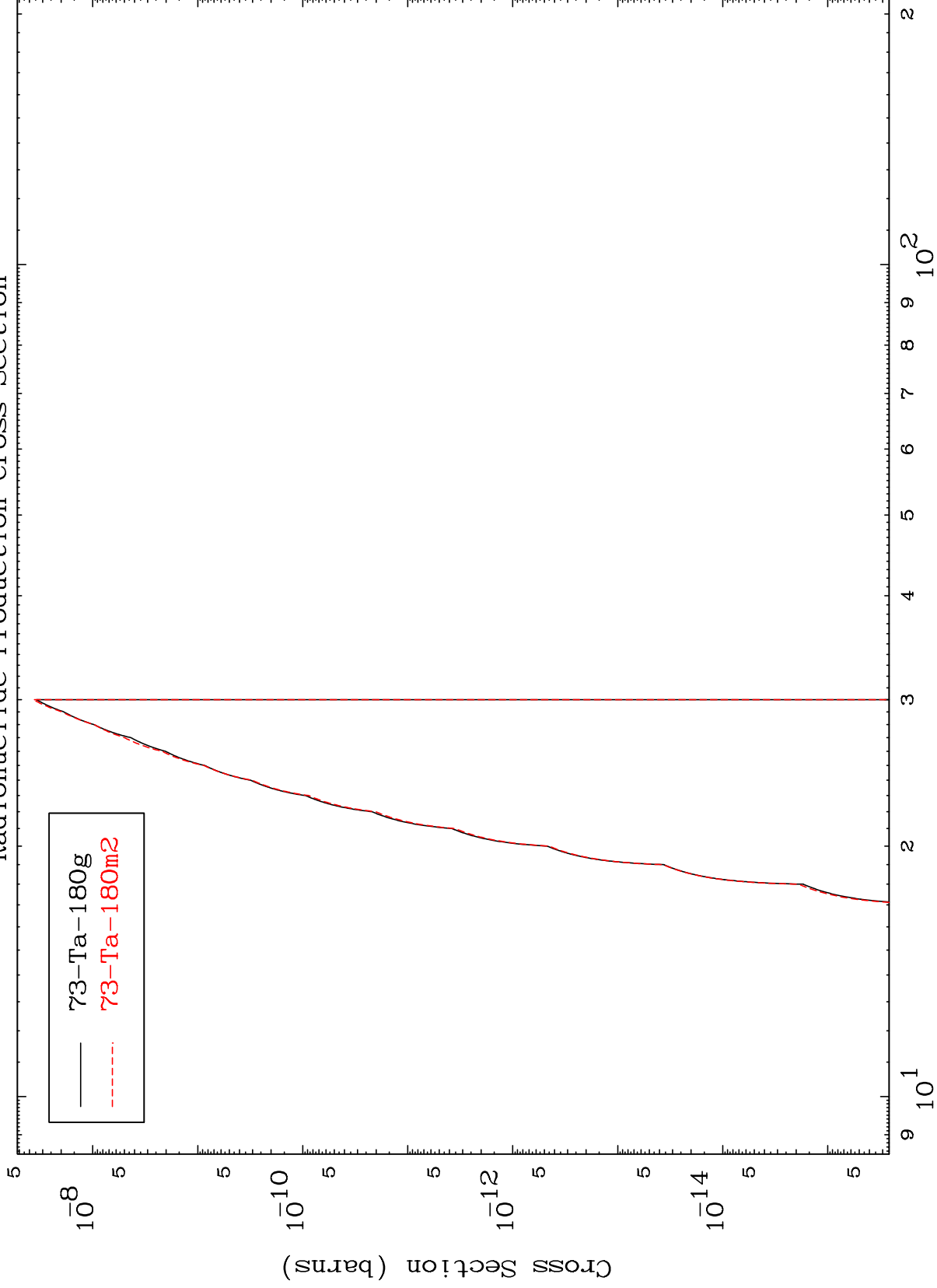


MAT 7516

(n,p) d

75-Re-182

Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-182

50

