

Program EVALPLOT
(Version 2015-2)

by

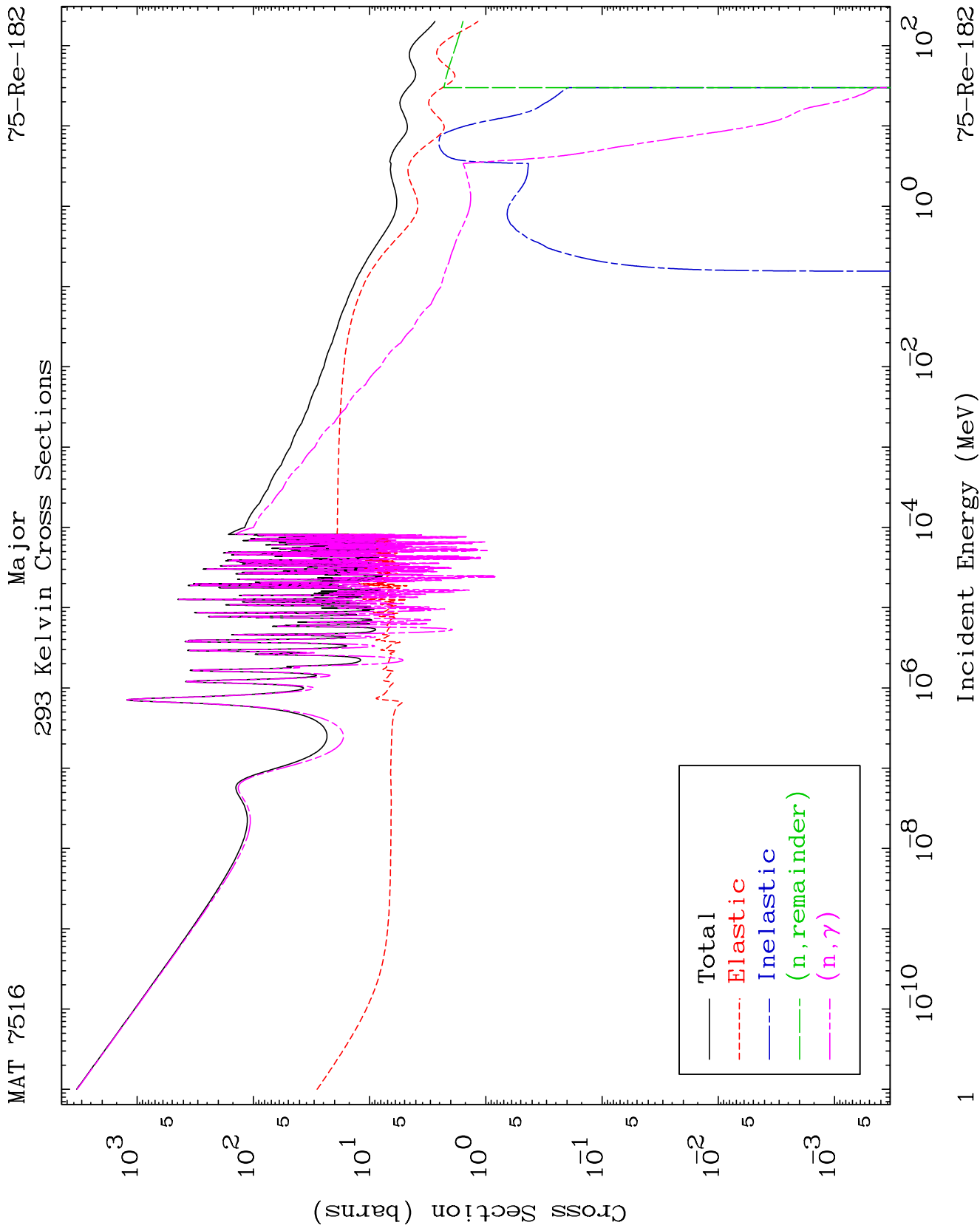
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(Present Contact Information)

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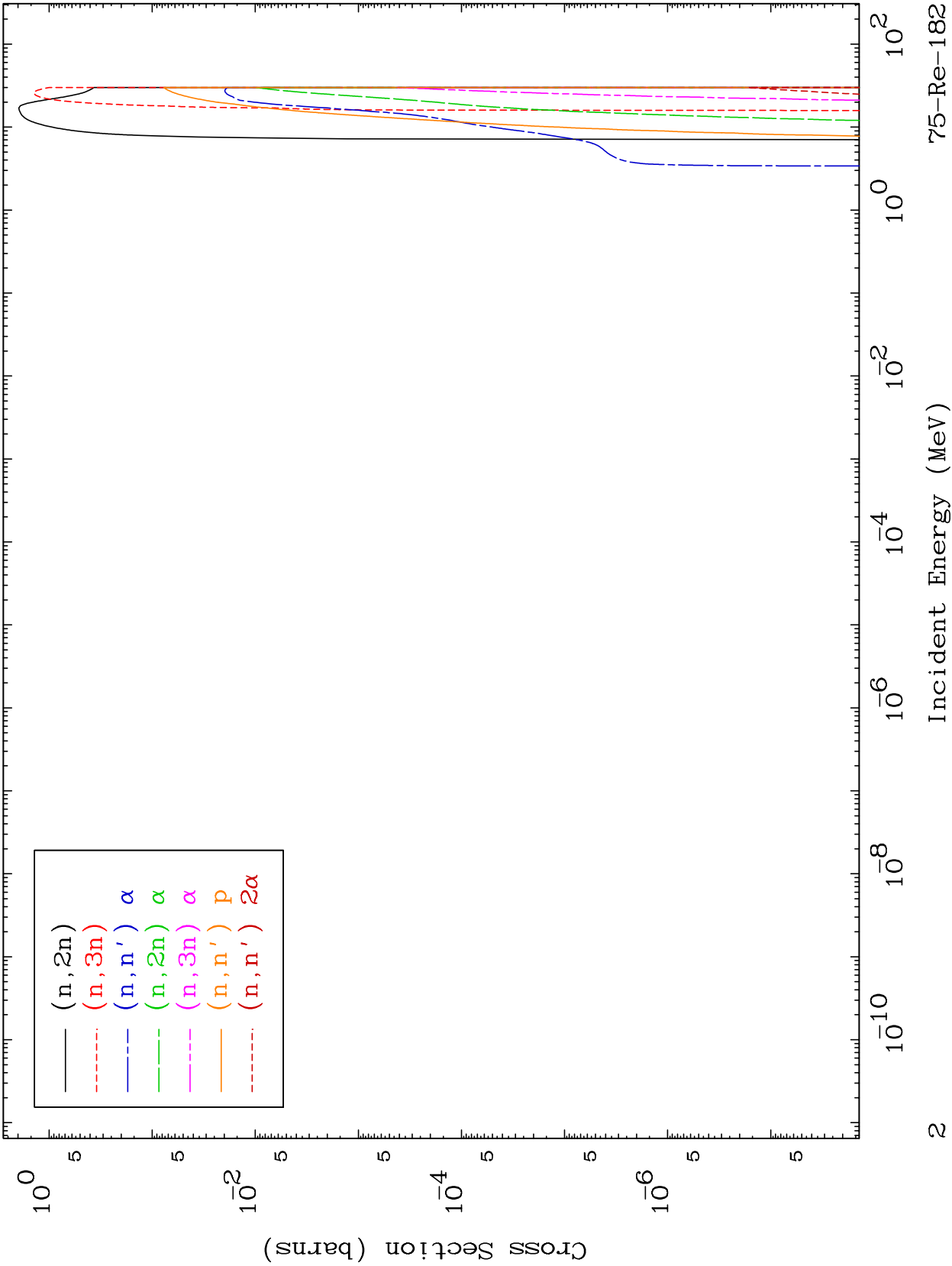
Press Mouse Button to Start



MAT 7516

Neutron Production
293 Kelvin Cross Sections

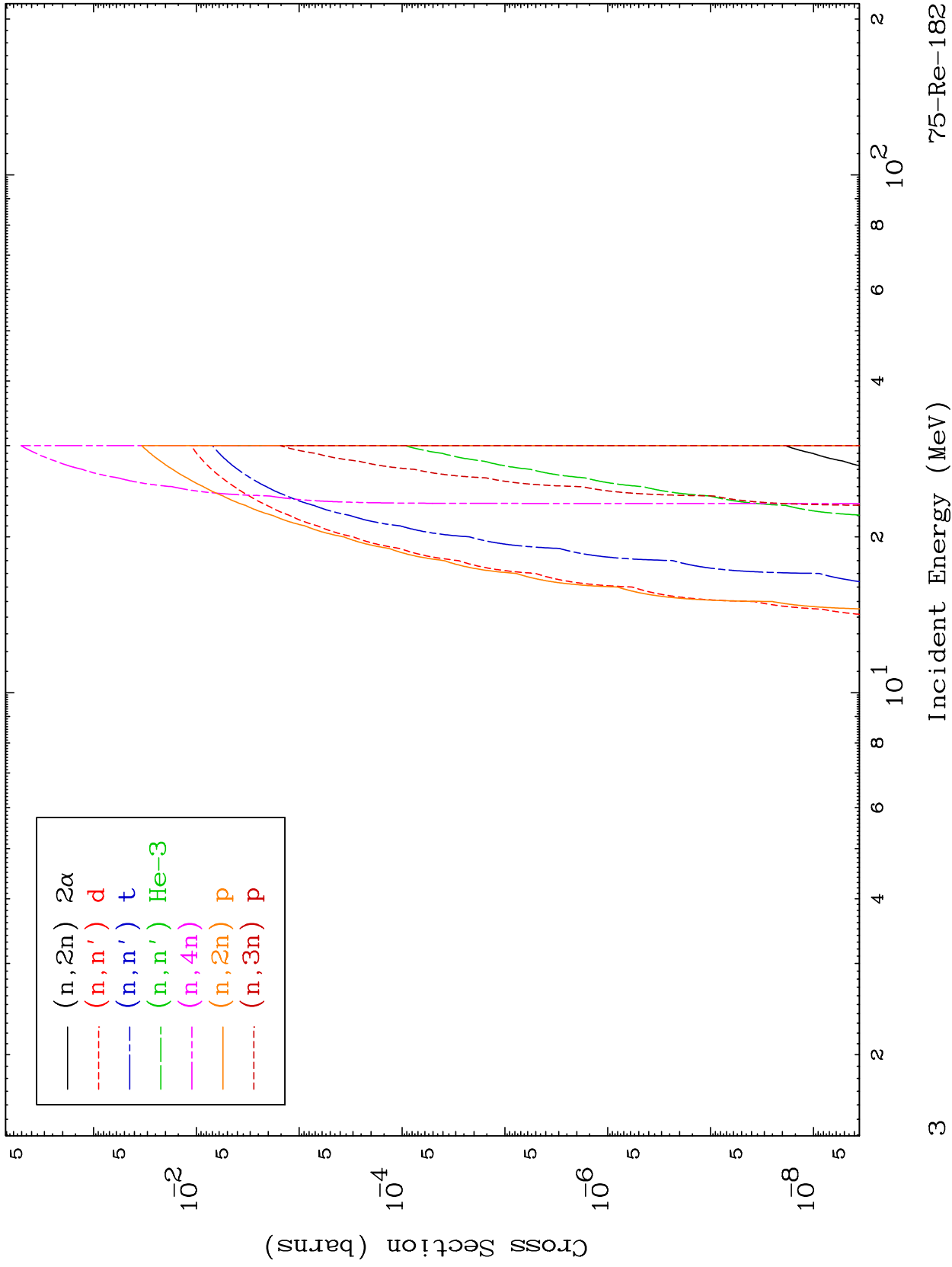
75-Re-182



MAT 7516

Neutron Production
293 Kelvin Cross Sections

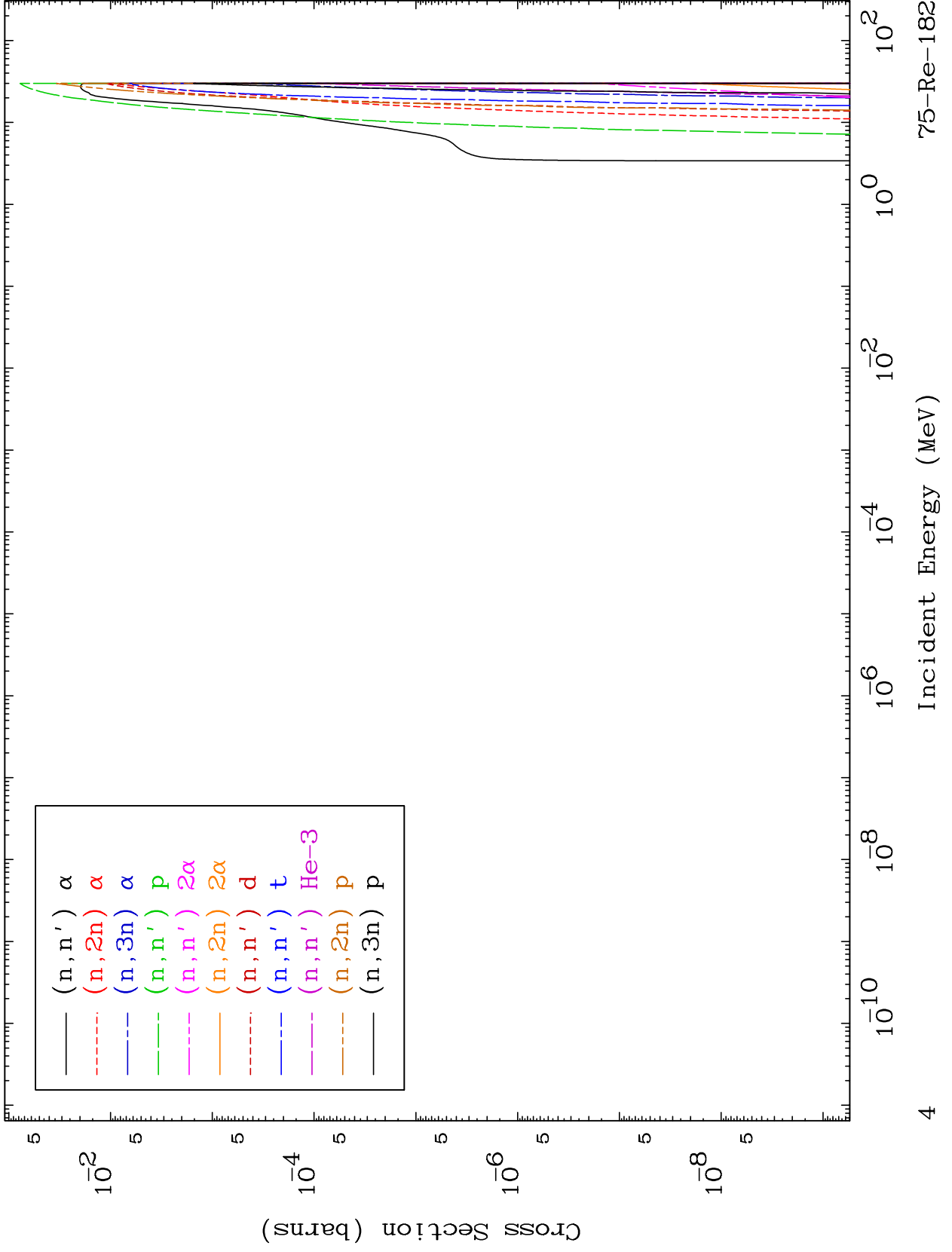
75-Re-182



MAT 7516

Charged Particle
293 Kelvin Cross Sections

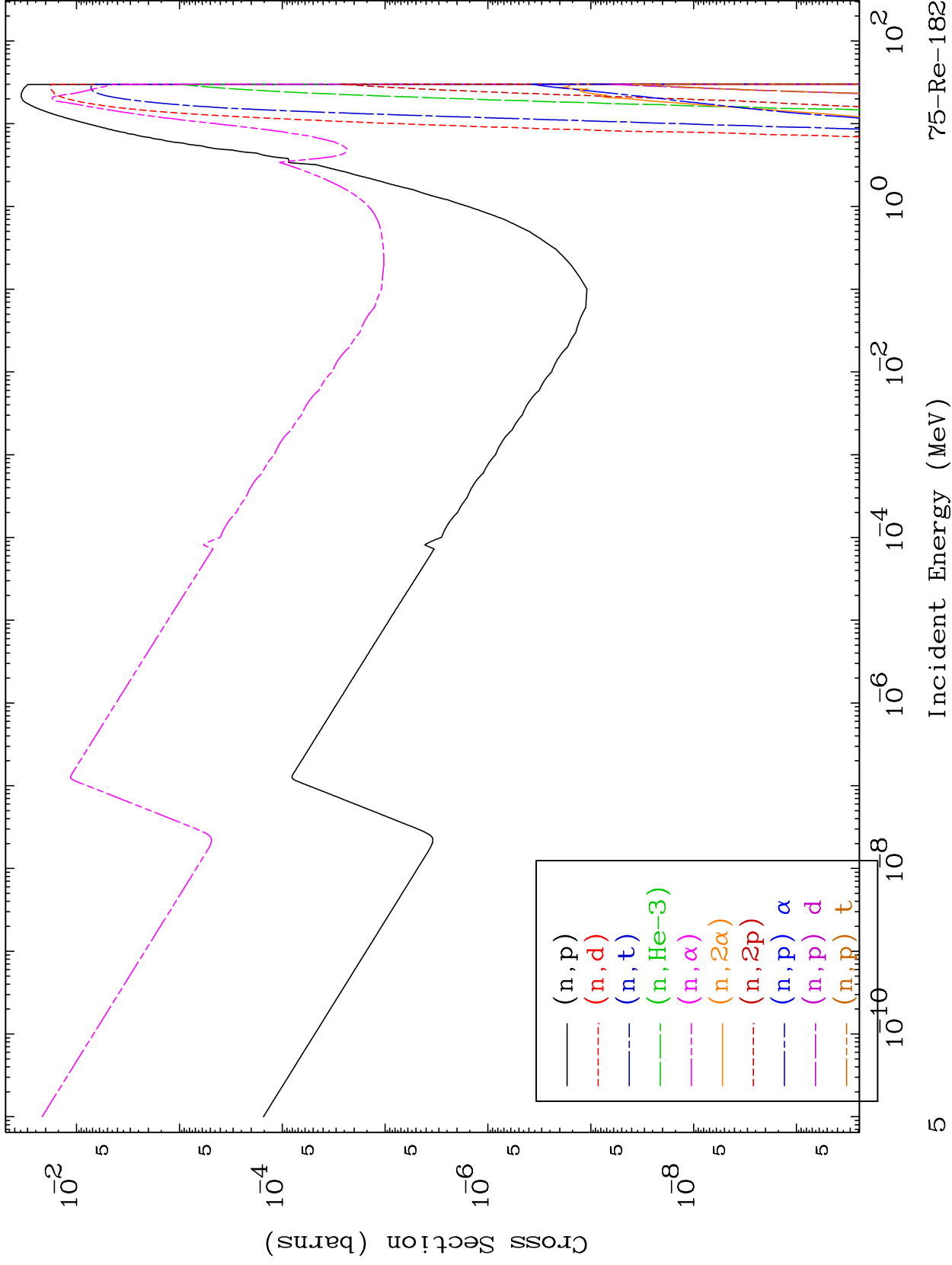
75-Re-182



MAT 7516

Charged Particle
293 Kelvin Cross Sections

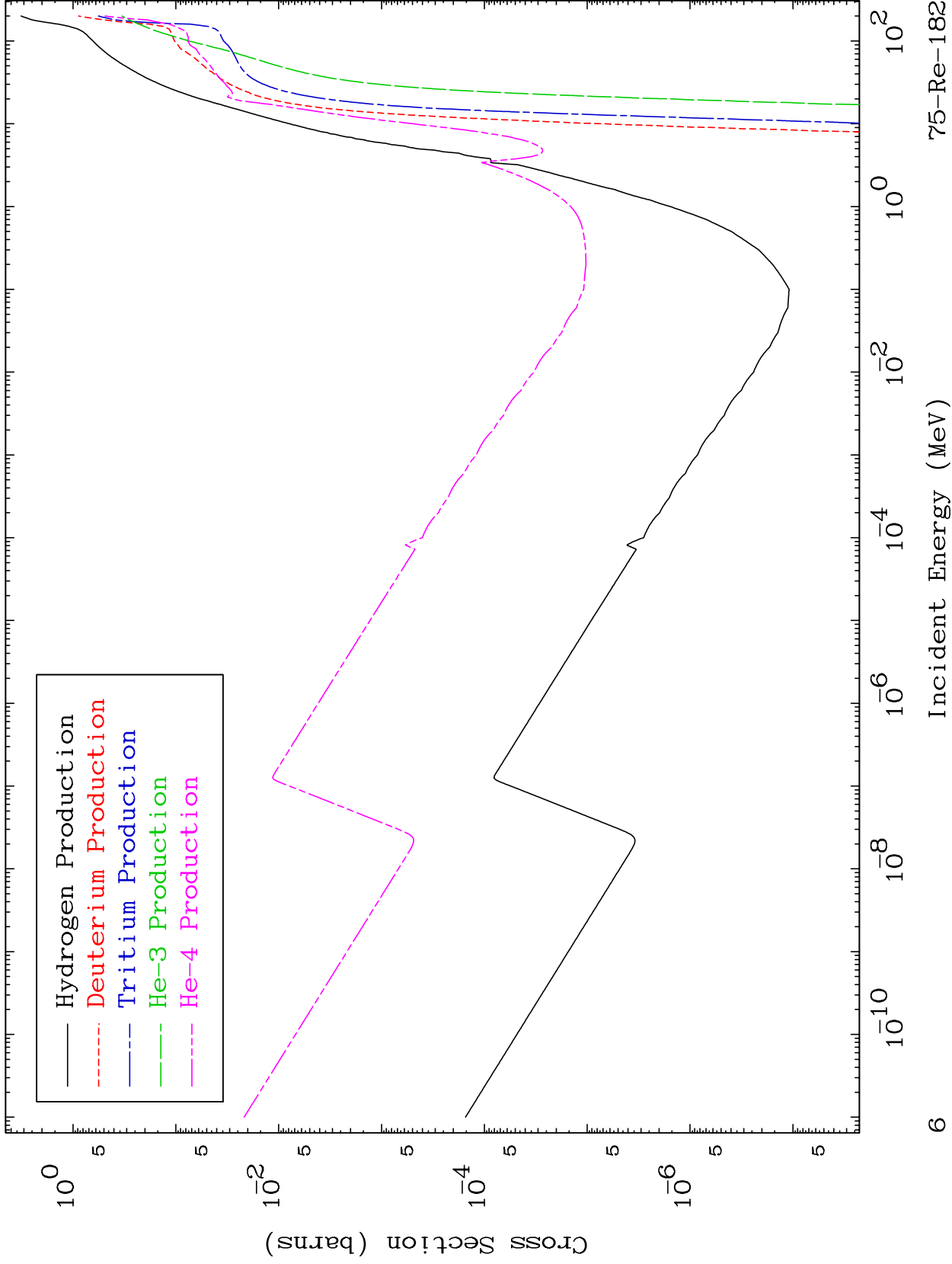
75-Re-182

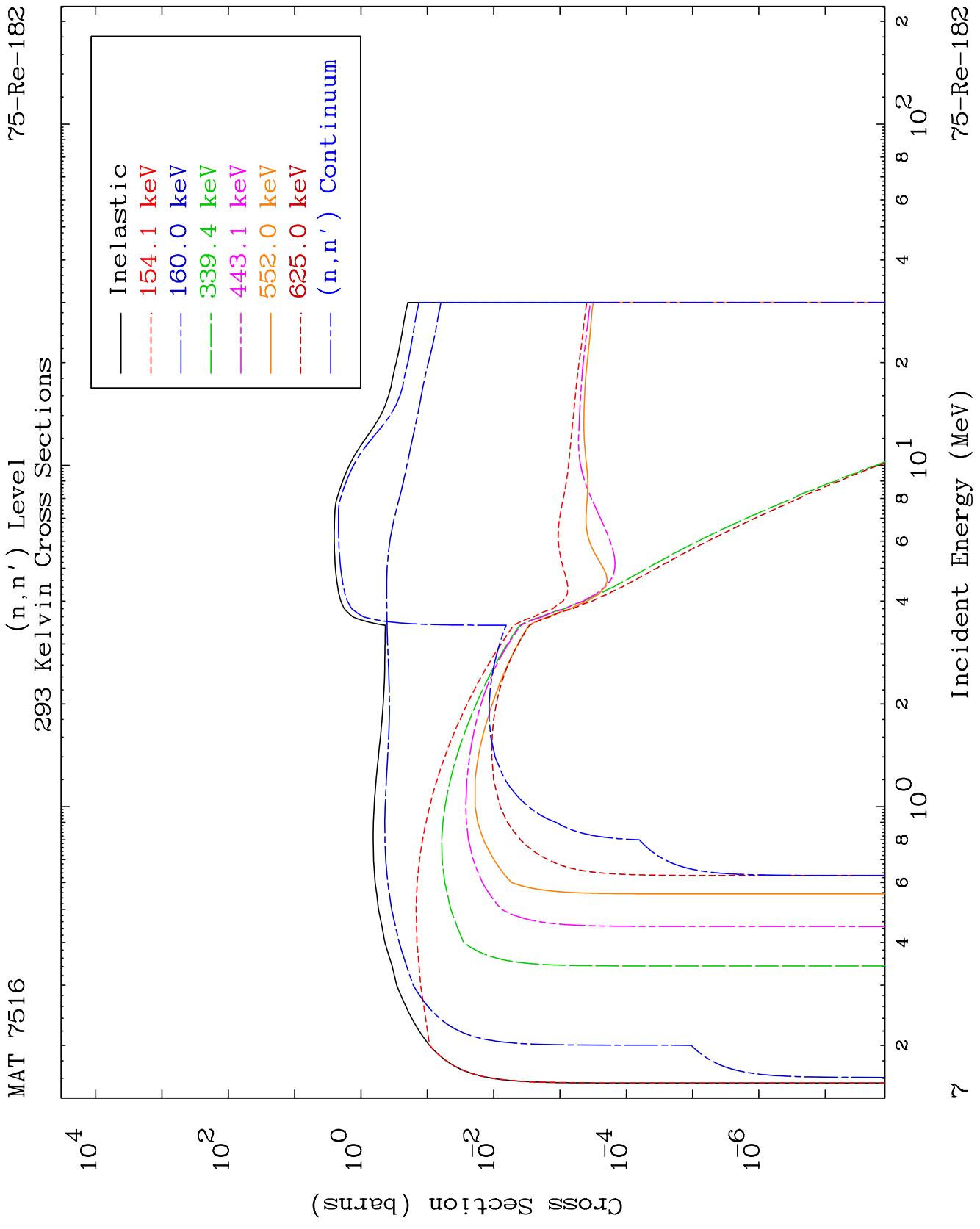


MAT 7516

Particle Production
293 Kelvin Cross Sections

75-Re-182

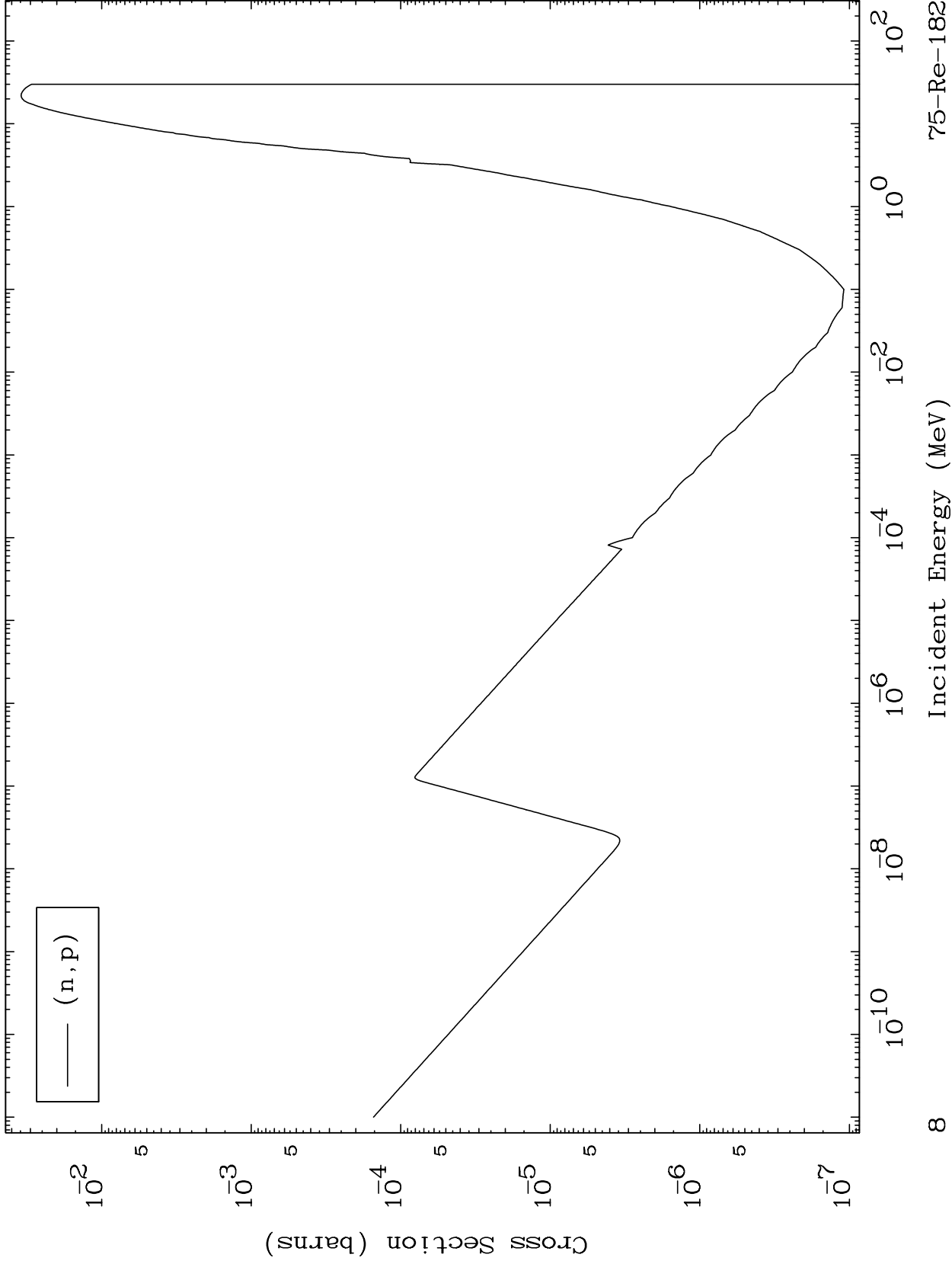




MAT 7516

(n,p) Levels
293 Kelvin Cross Sections

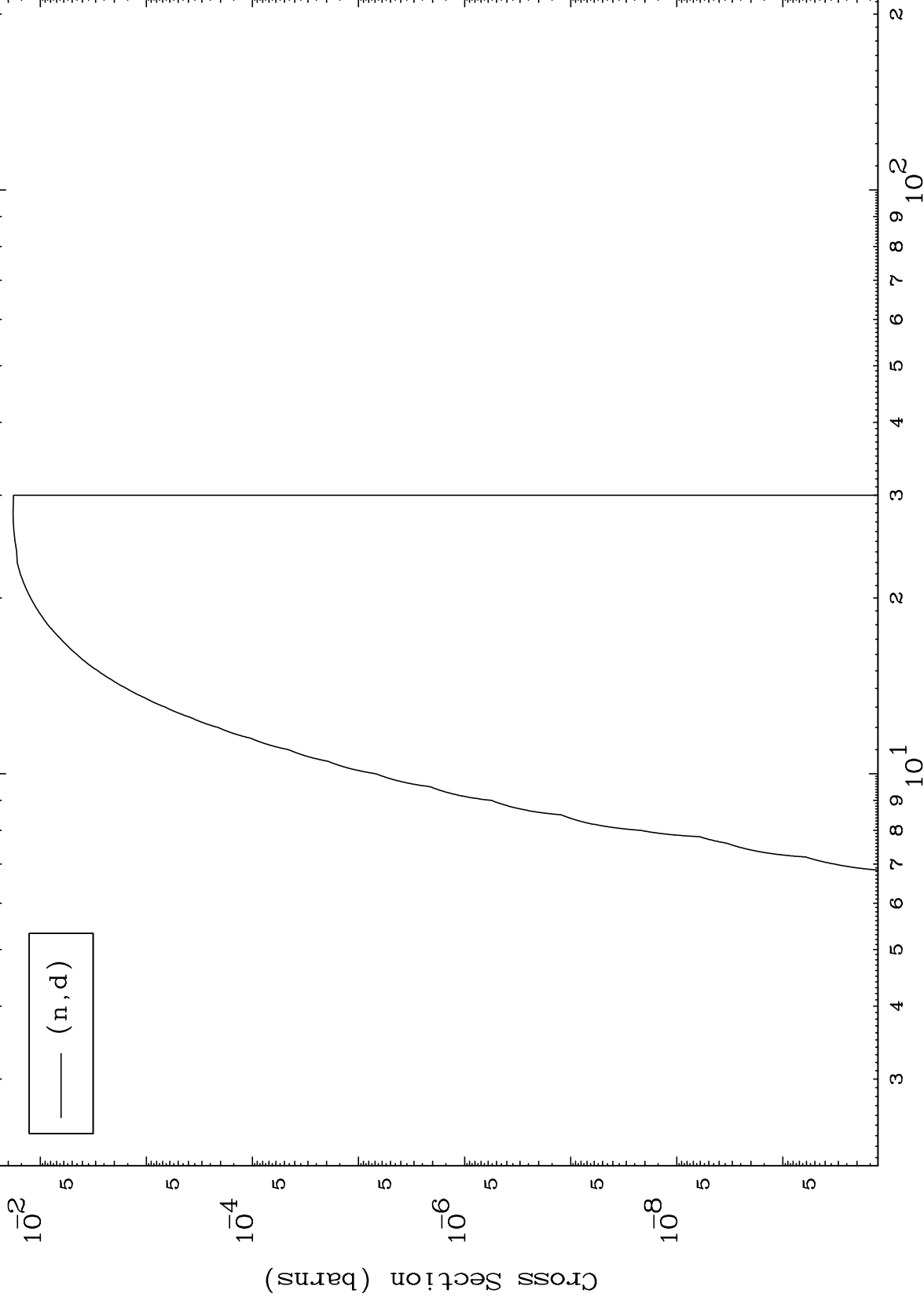
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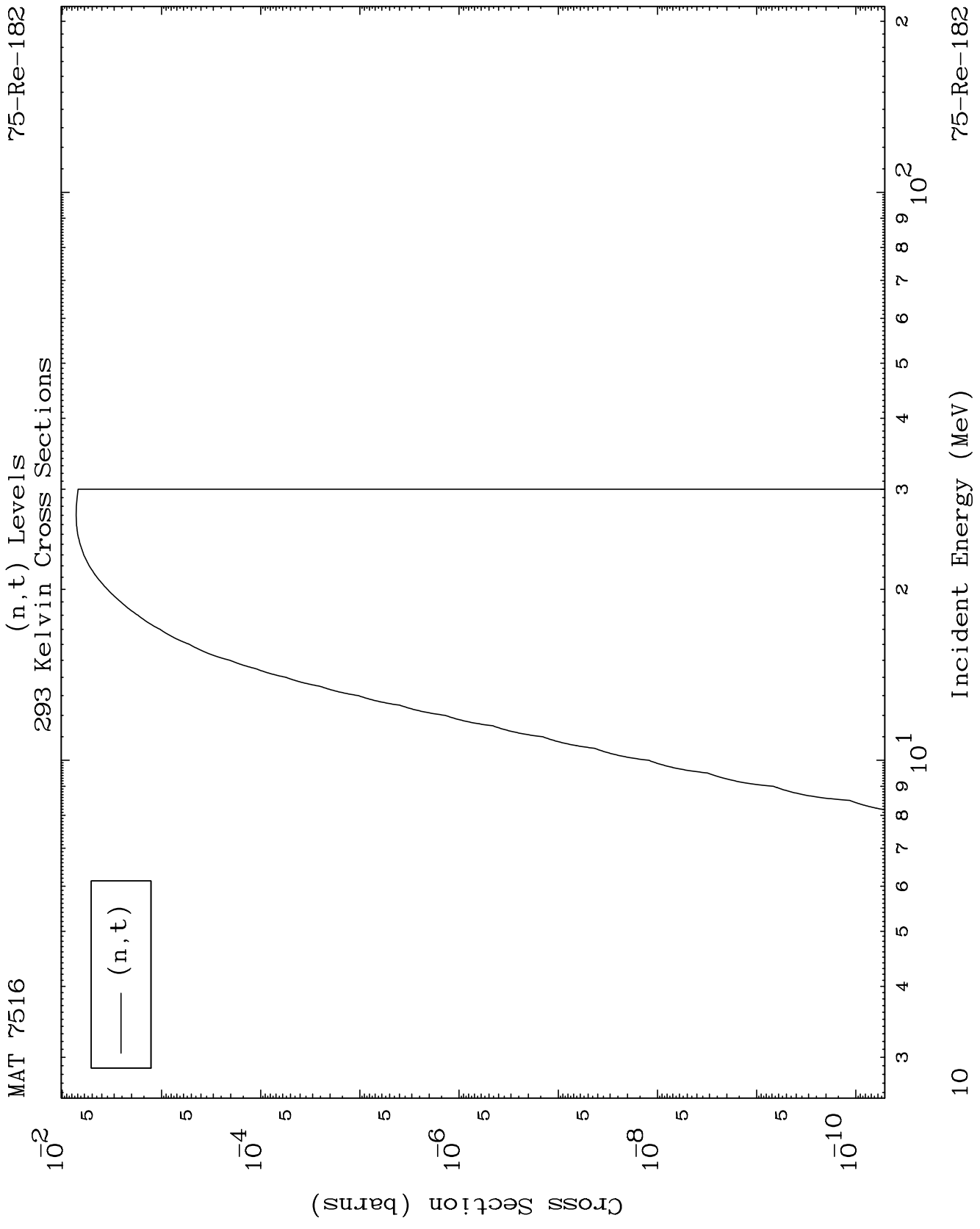


MAT 7516

(n,d) Levels
293 Kelvin Cross Sections

75-Re-182

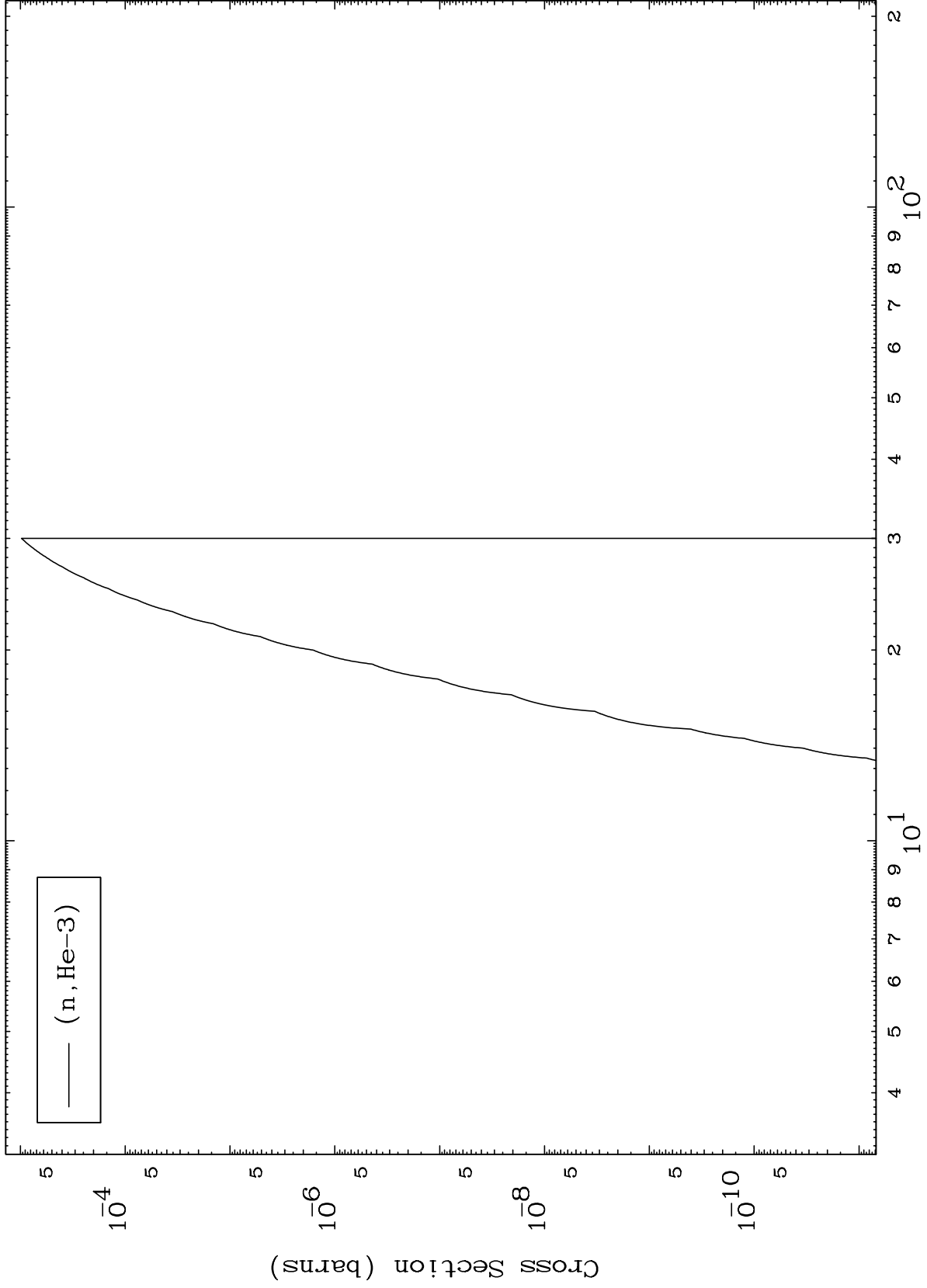




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(n,He3) Levels
293 Kelvin Cross Sections

75-Re-182



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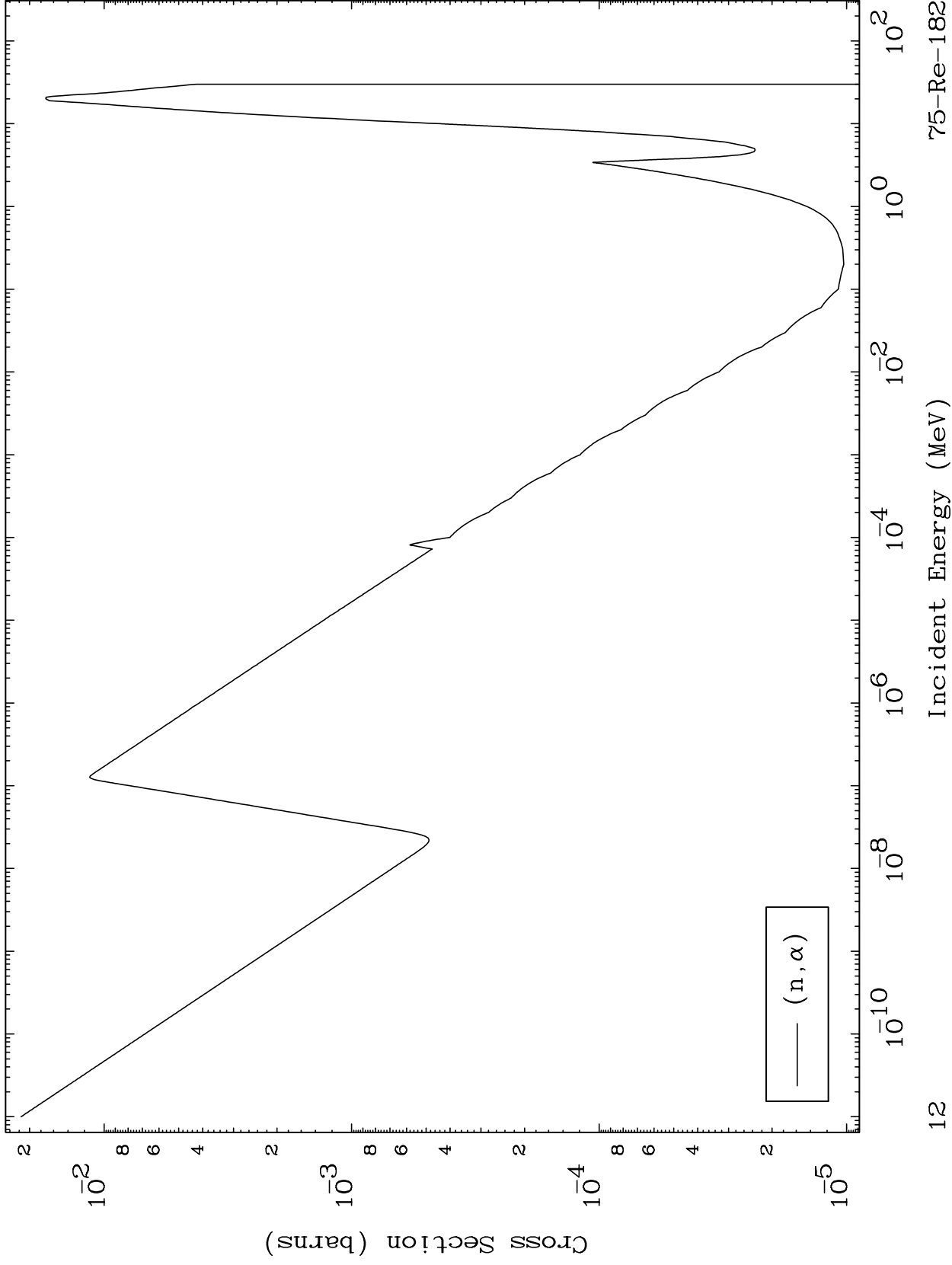
Incident Energy (MeV)

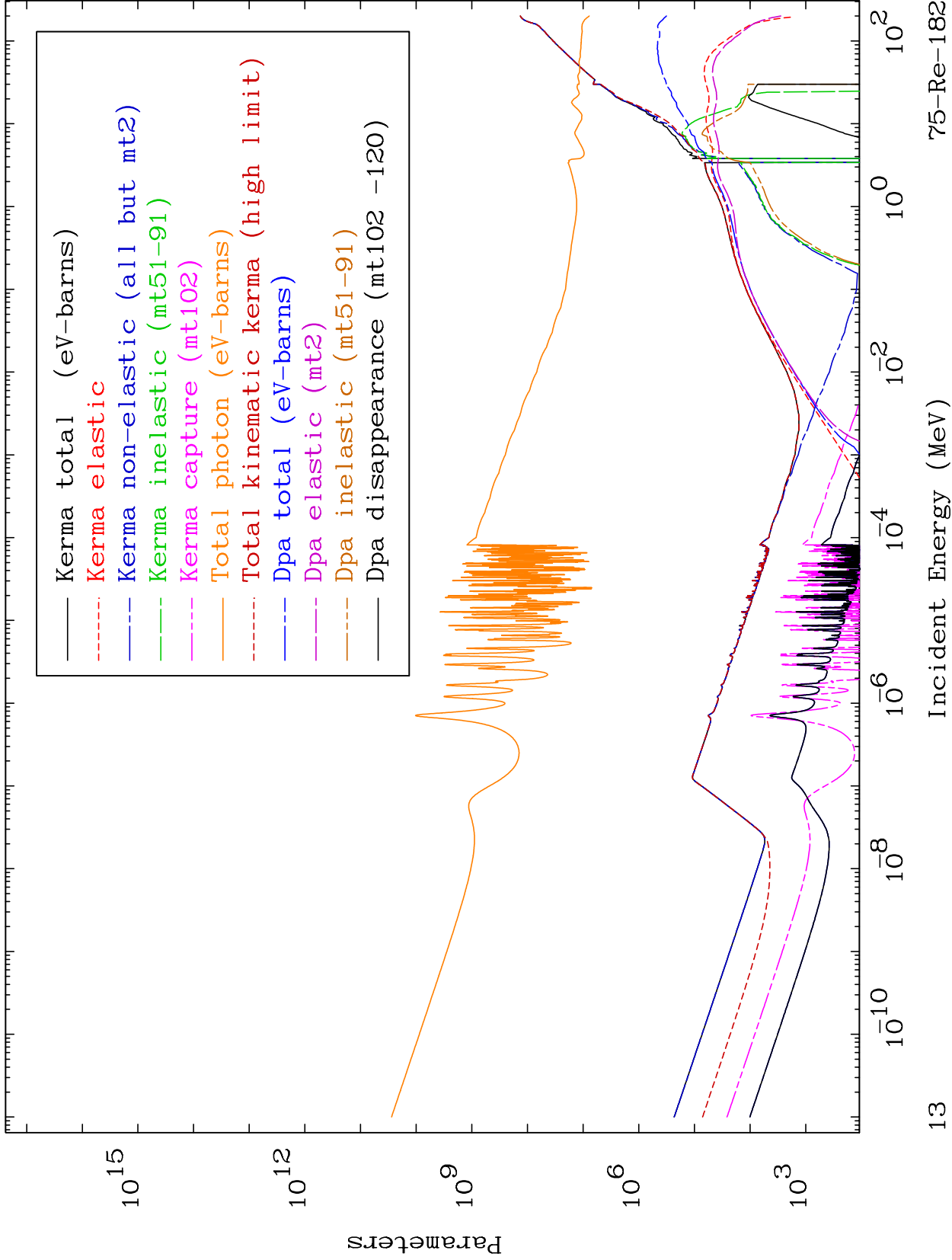
75-Re-182

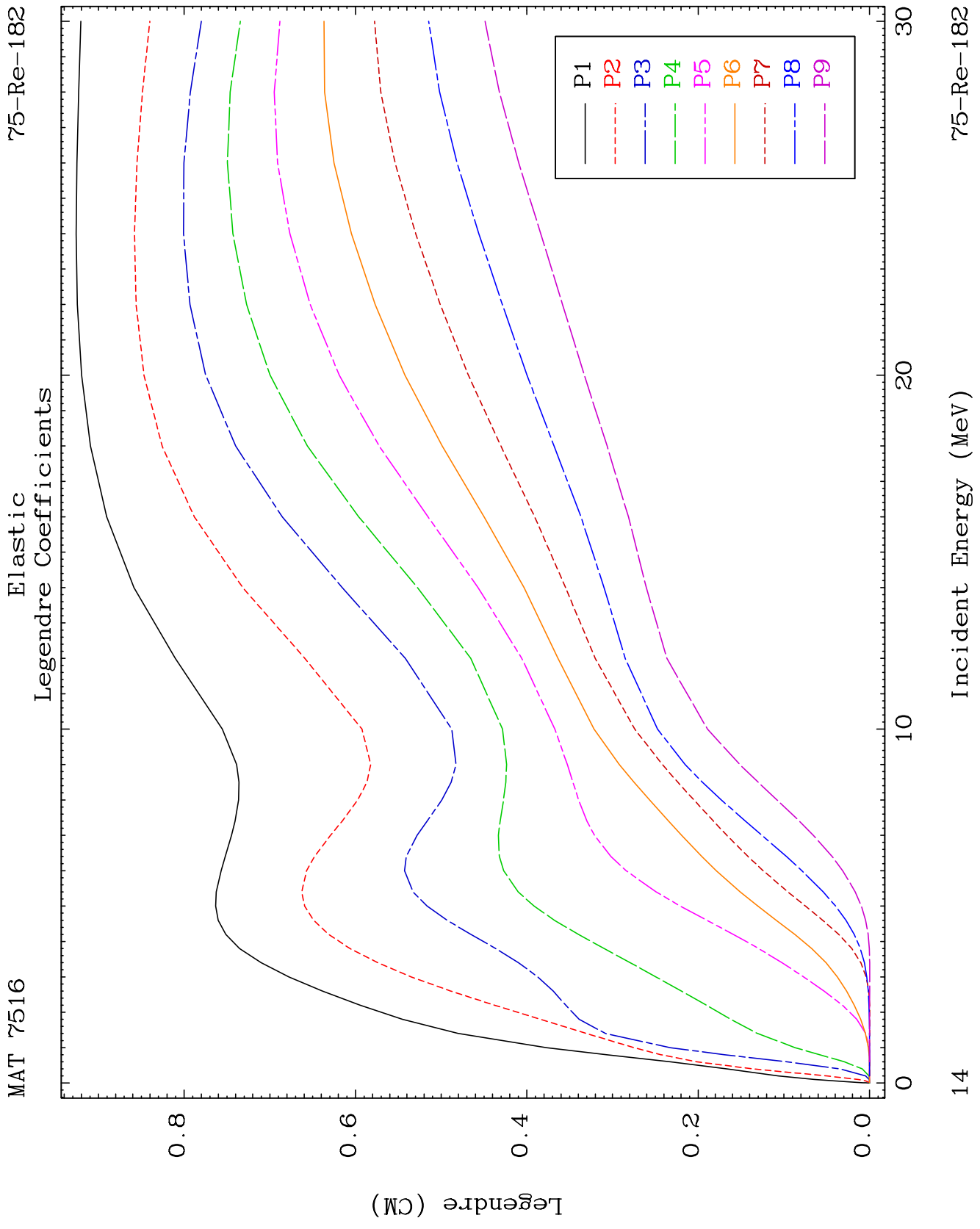
MAT 7516

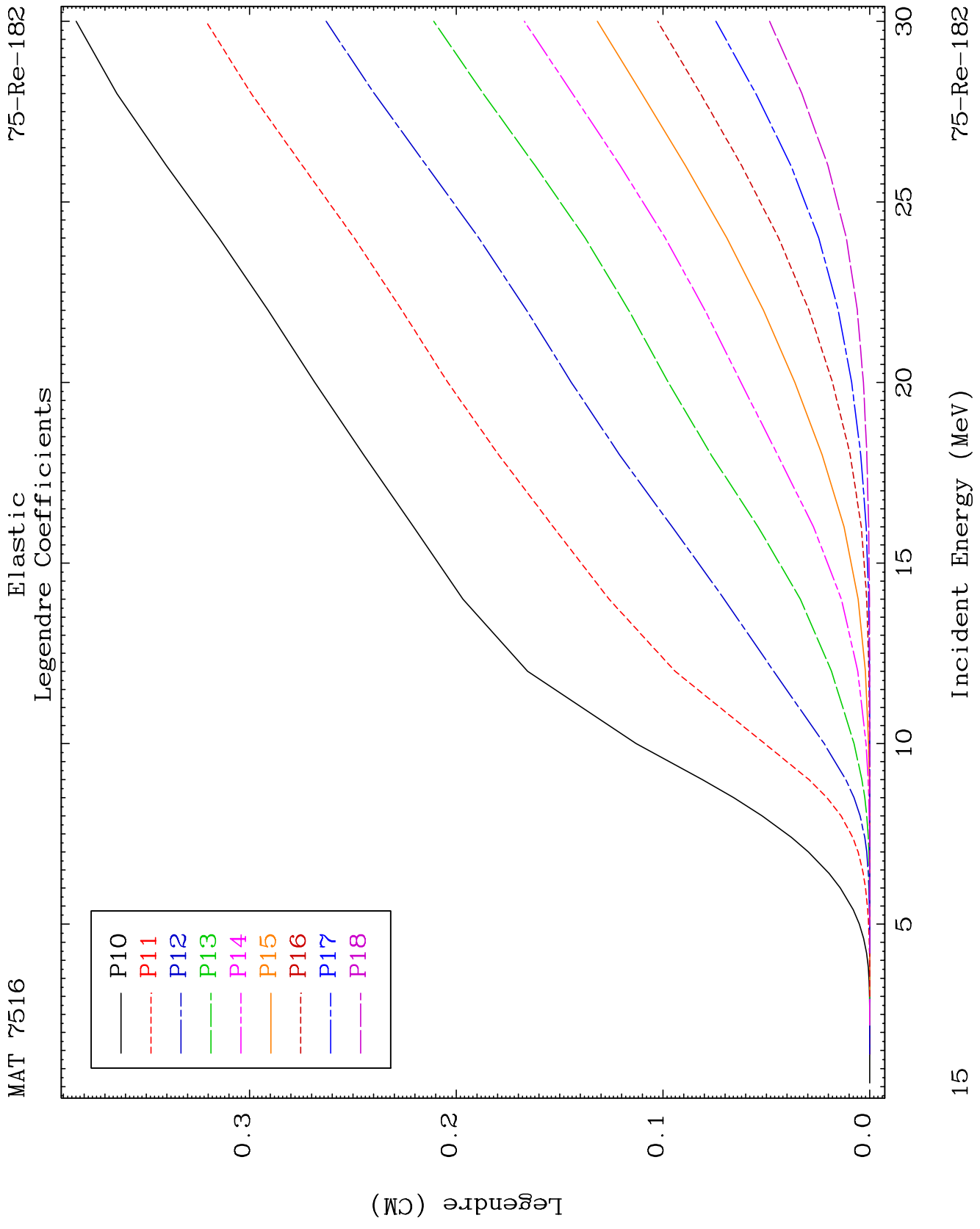
(n,α) Levels
293 Kelvin Cross Sections

75-Re-182





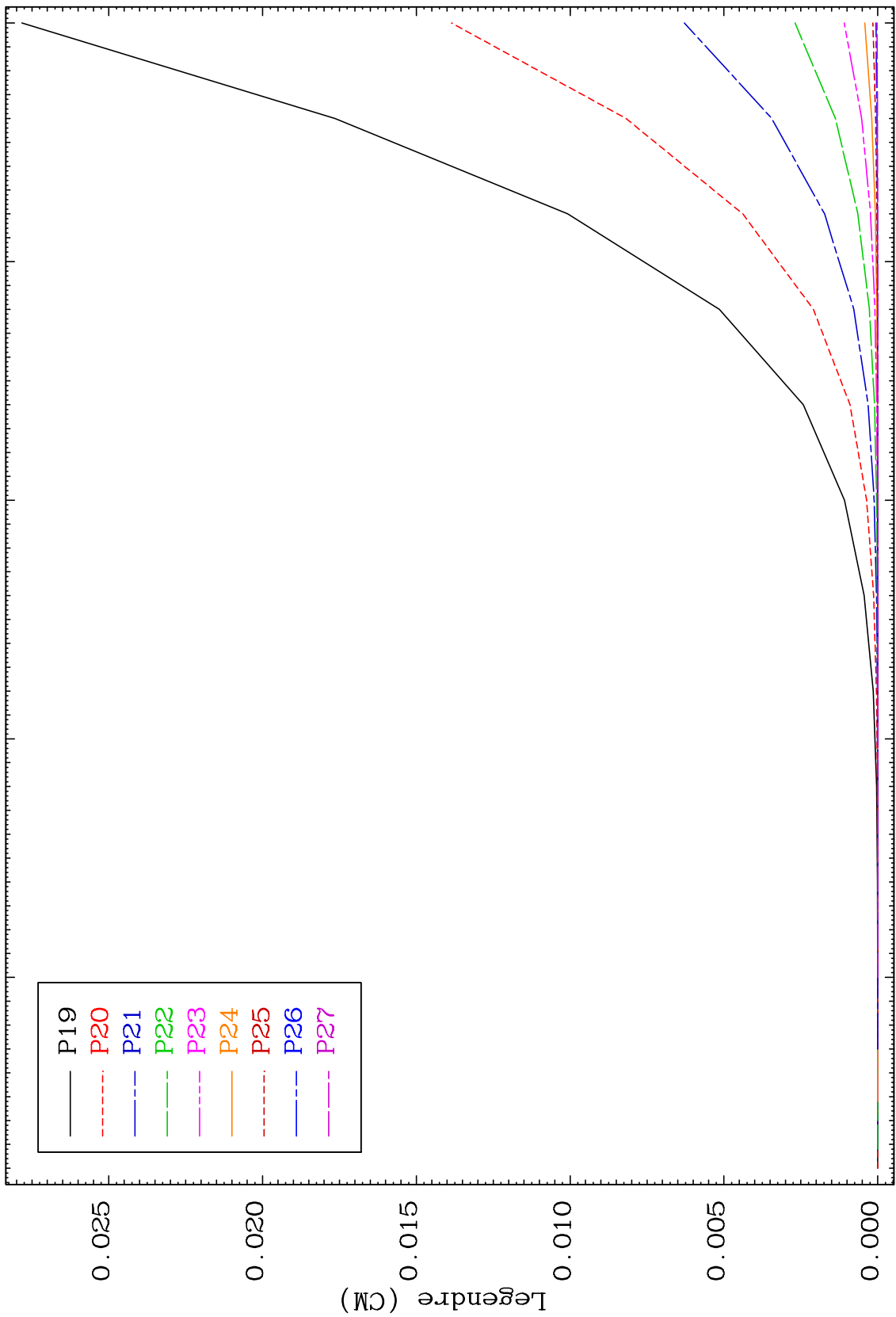




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Elastic Legendre Coefficients

75-Re-182



16

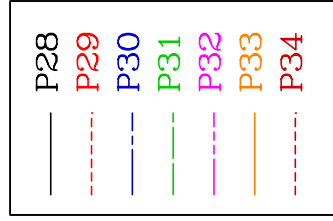
Incident Energy (MeV)

75-Re-182

MAT 7516

Elastic
Legendre Coefficients

75-Re-182



$\times 10^{-6}$

6

4

2

0

15

20

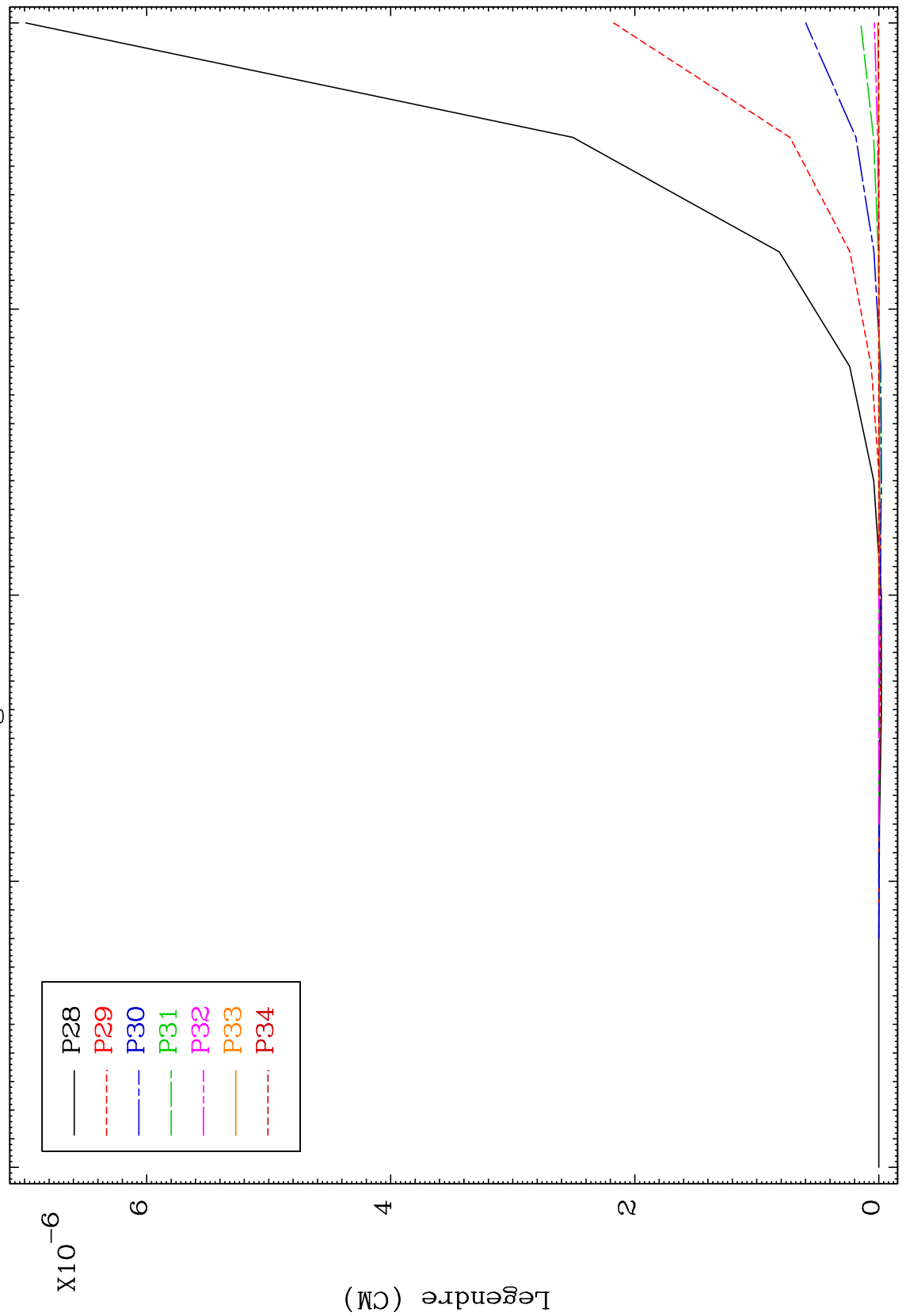
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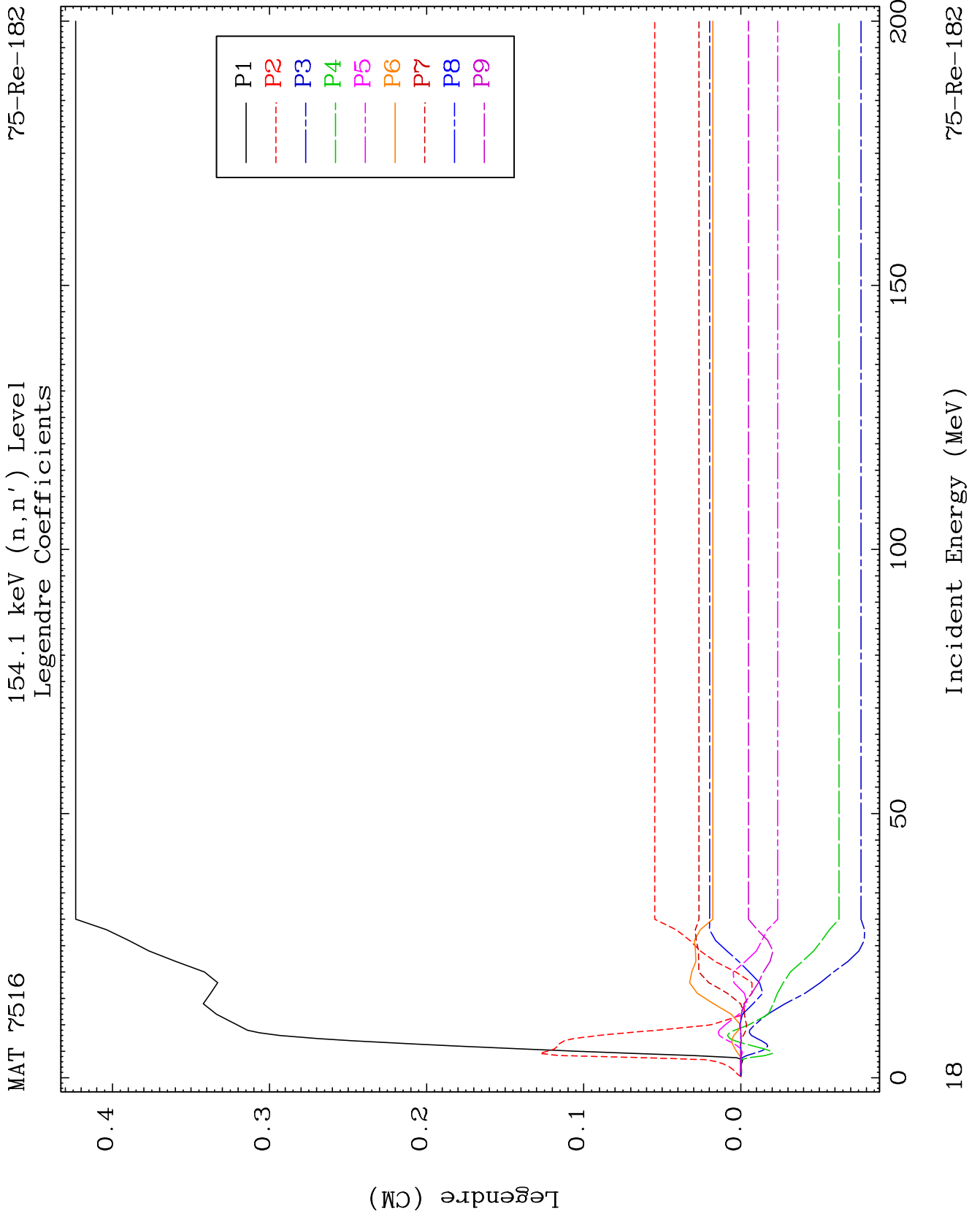
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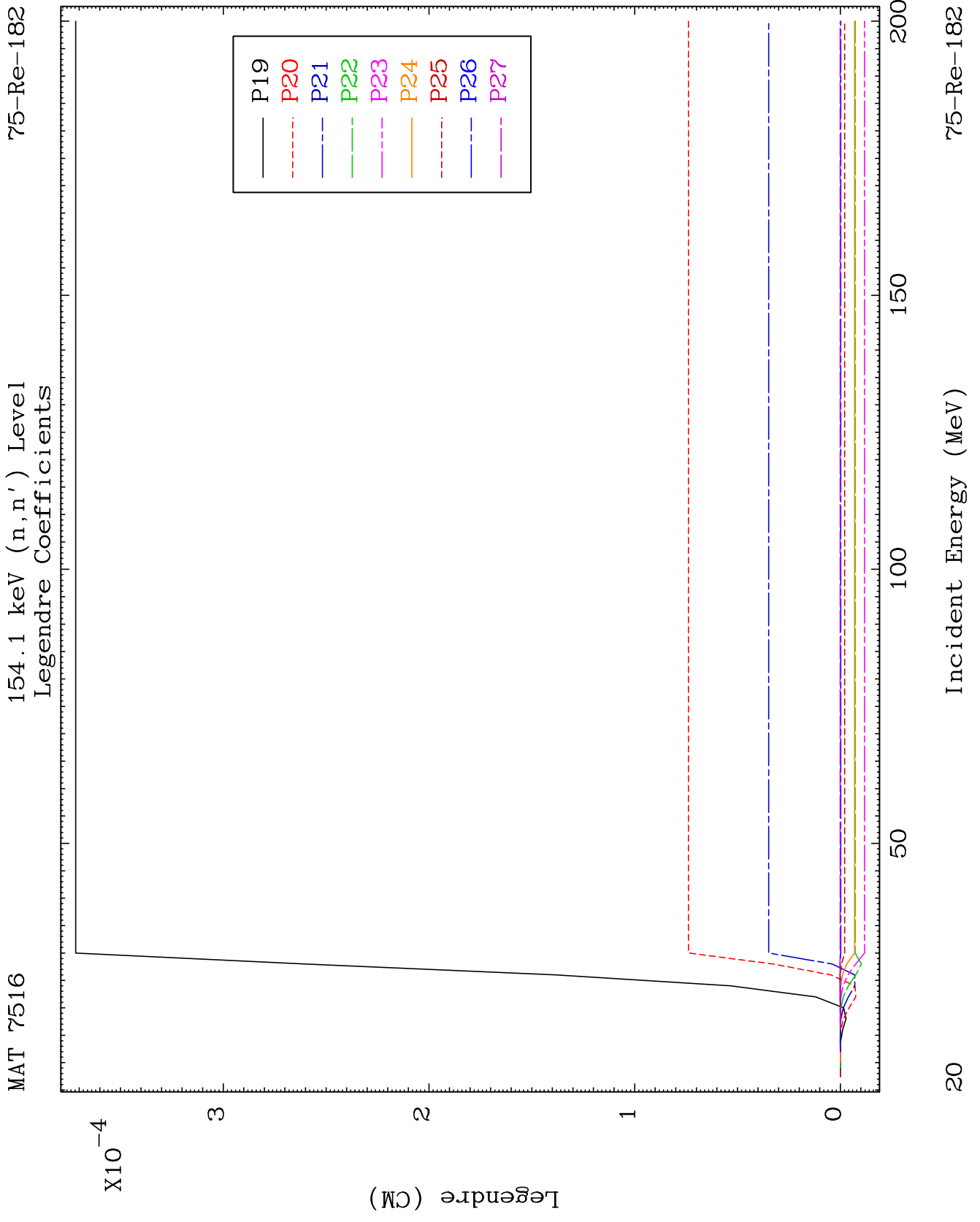
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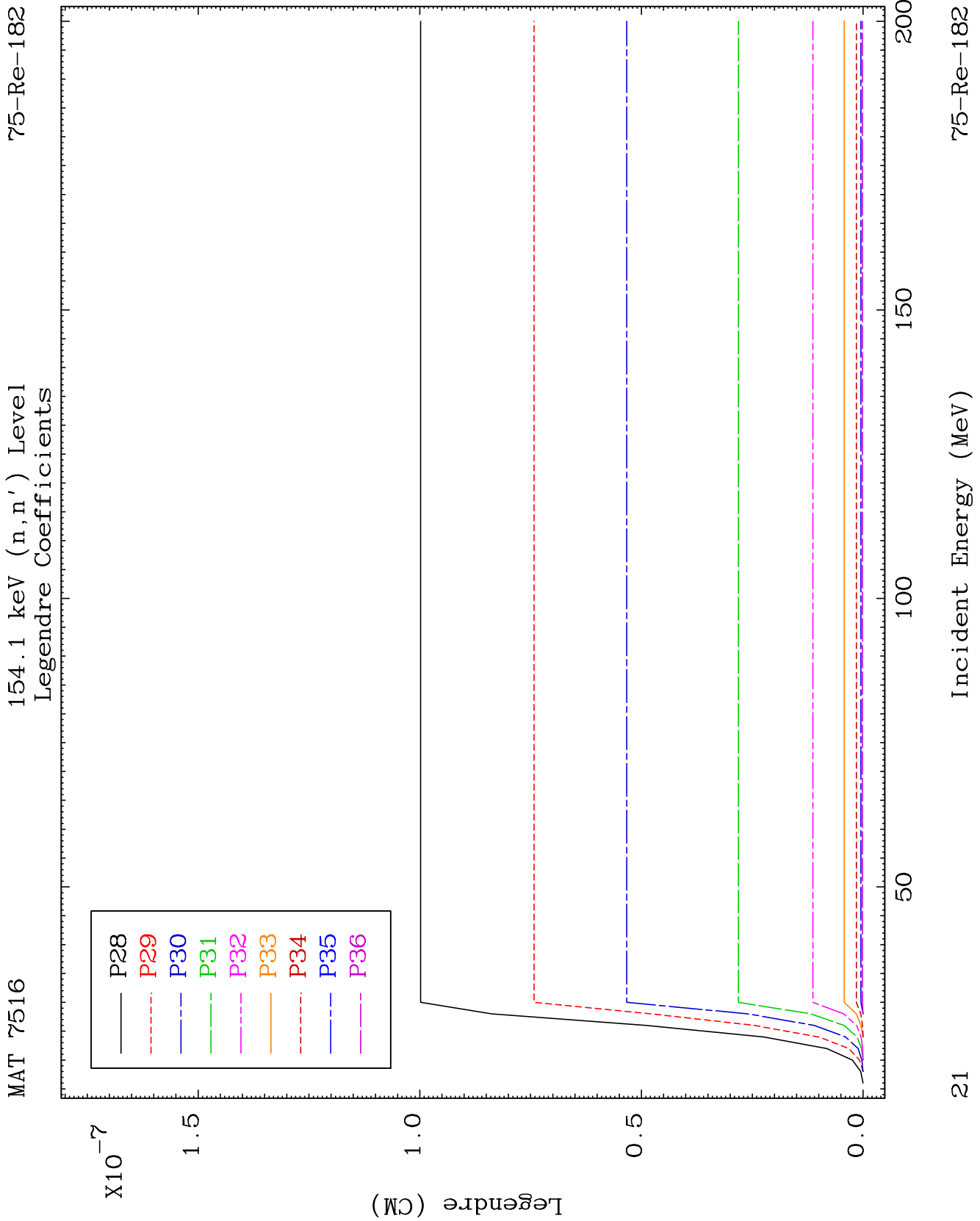
Incident Energy (MeV)

75-Re-182





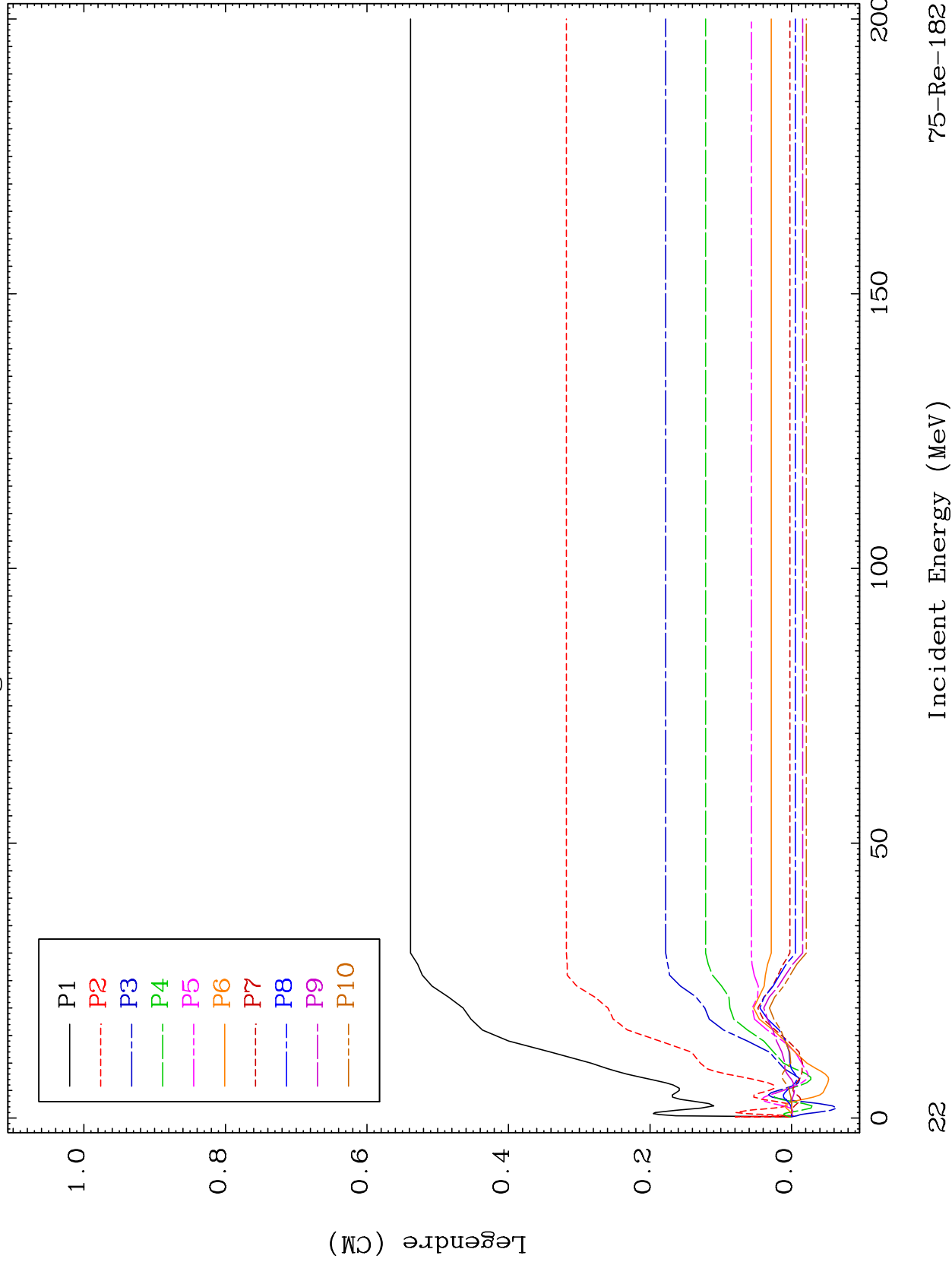




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160.0 keV (n, n') Level Legendre Coefficients

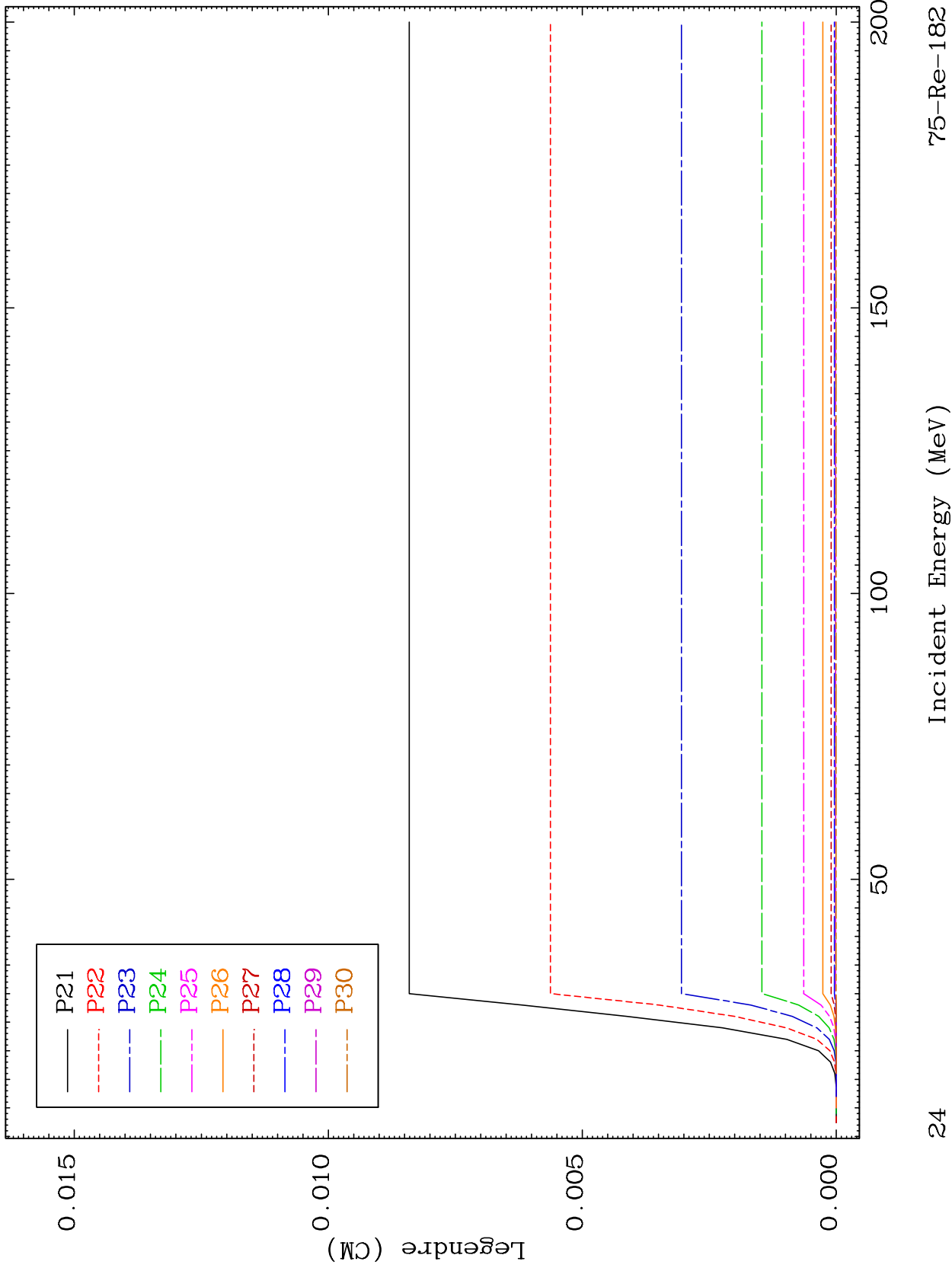
75-Re-182

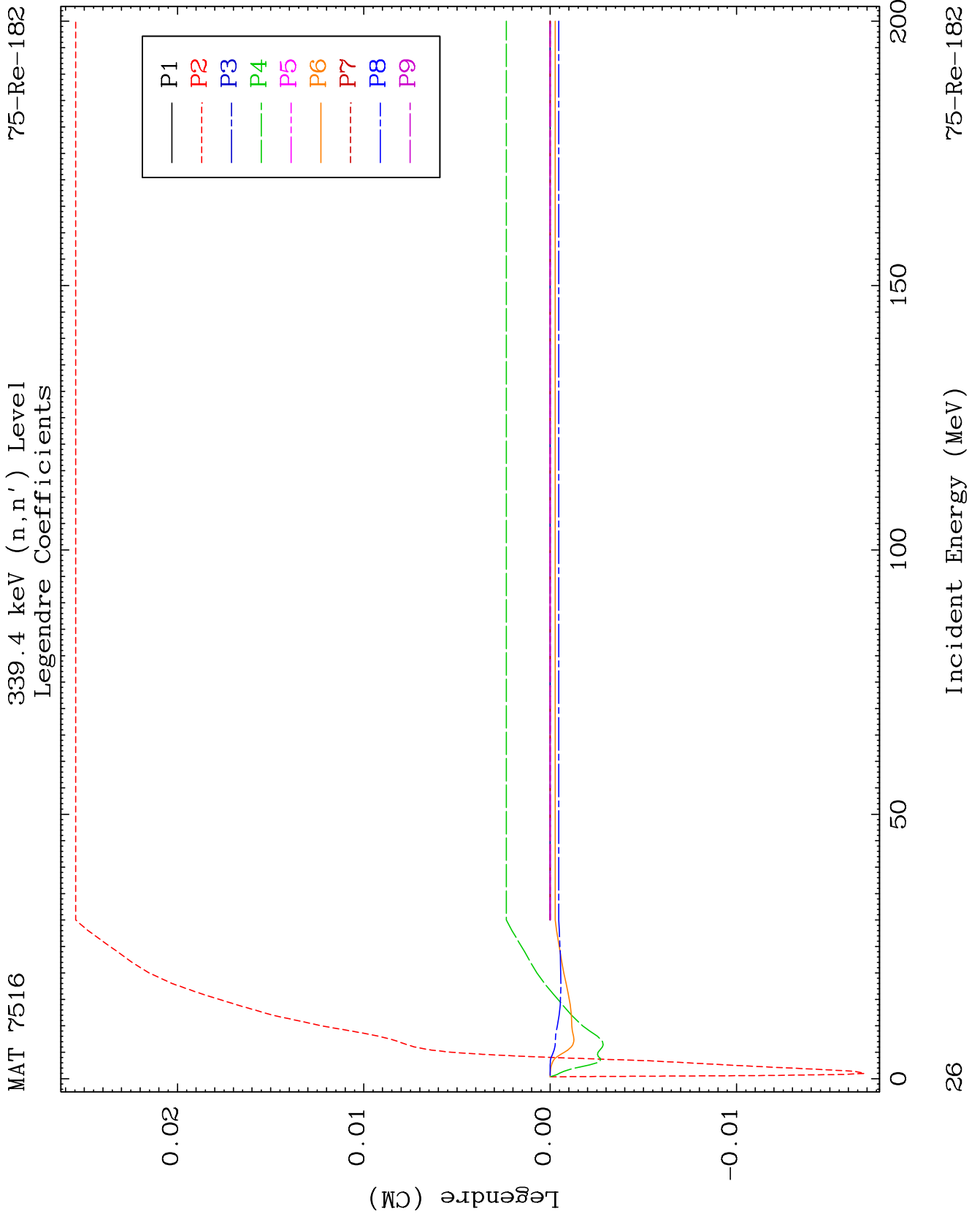


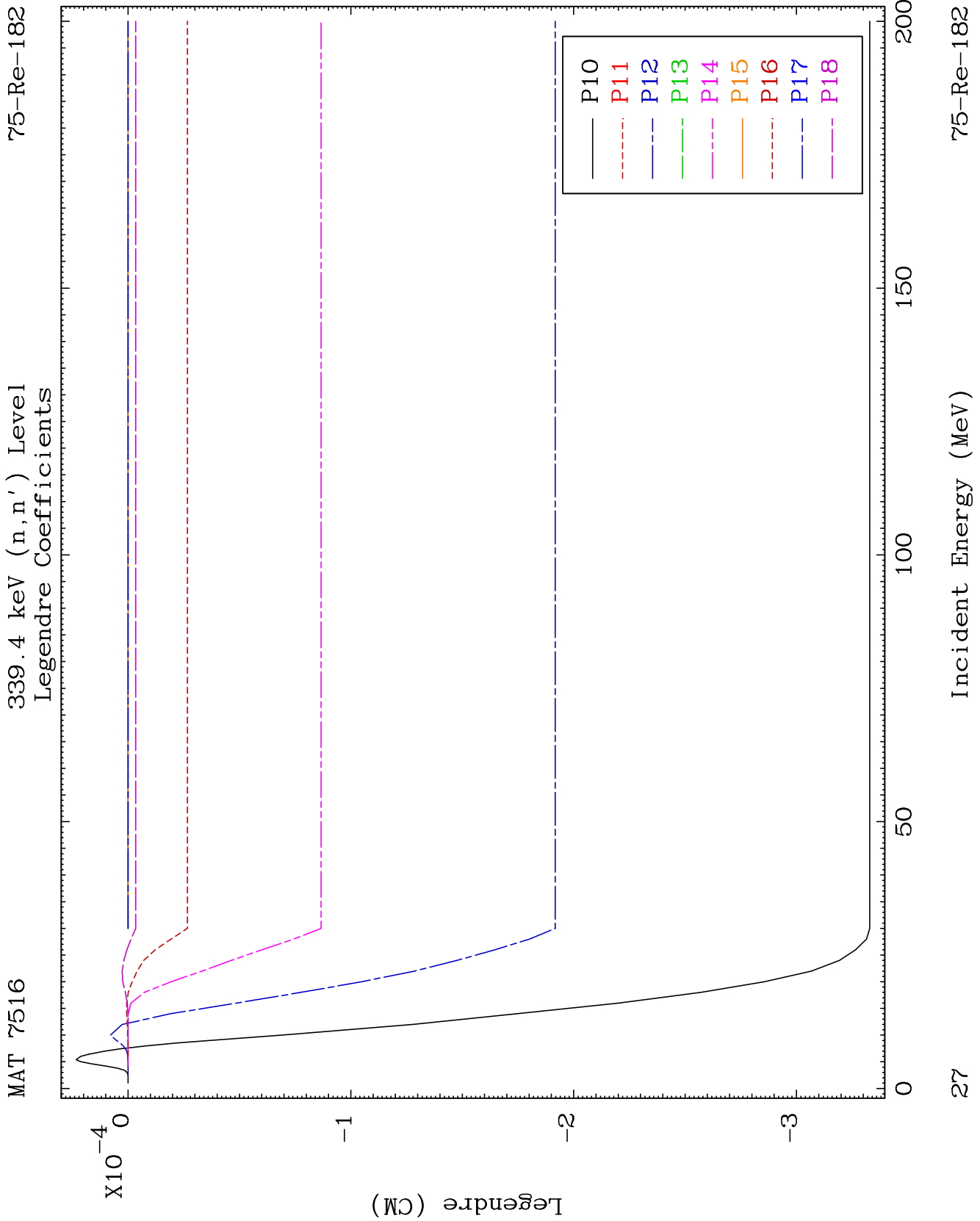
MAT 7516

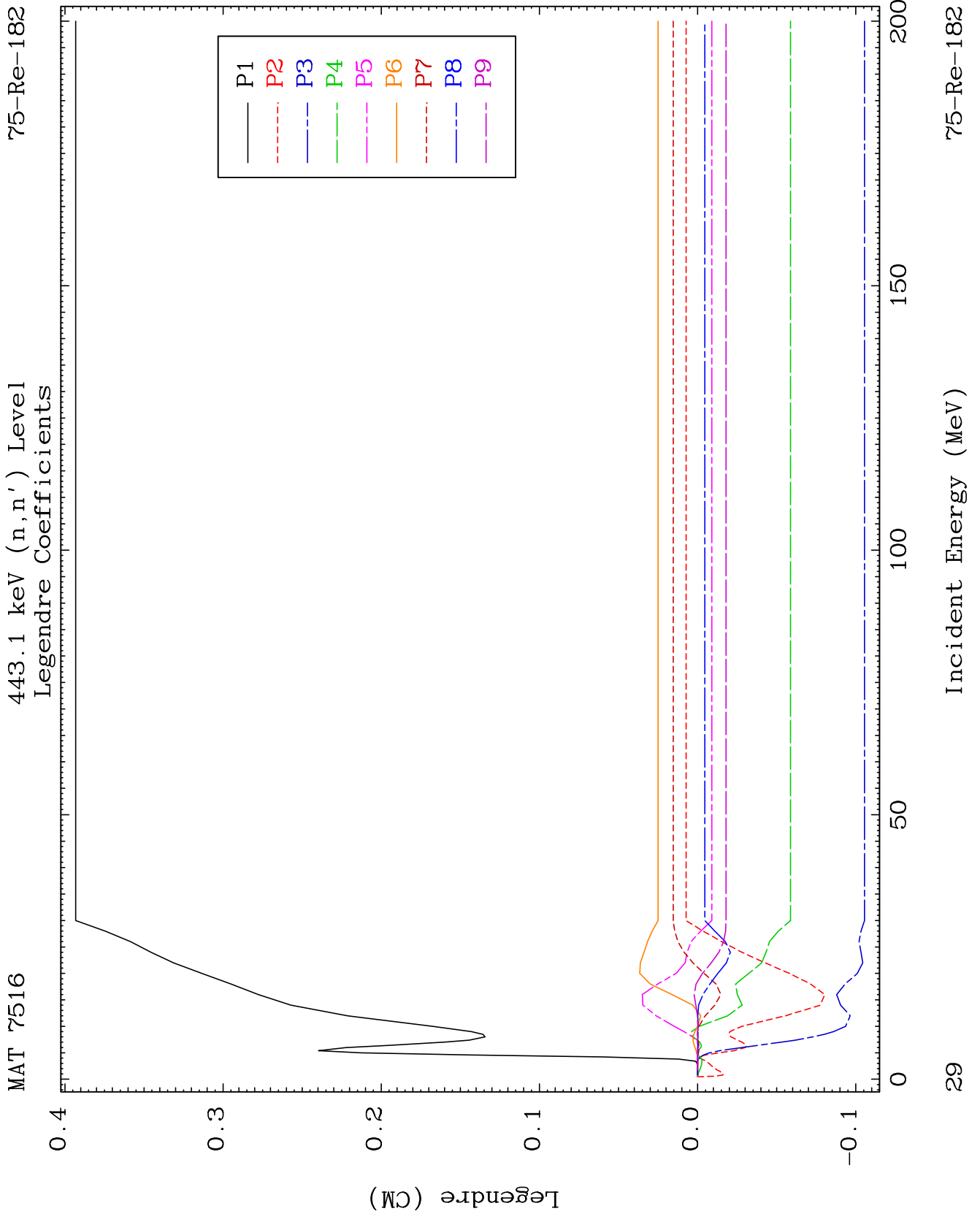
160.0 keV (n,n') Level
Legendre Coefficients

75-Re-182





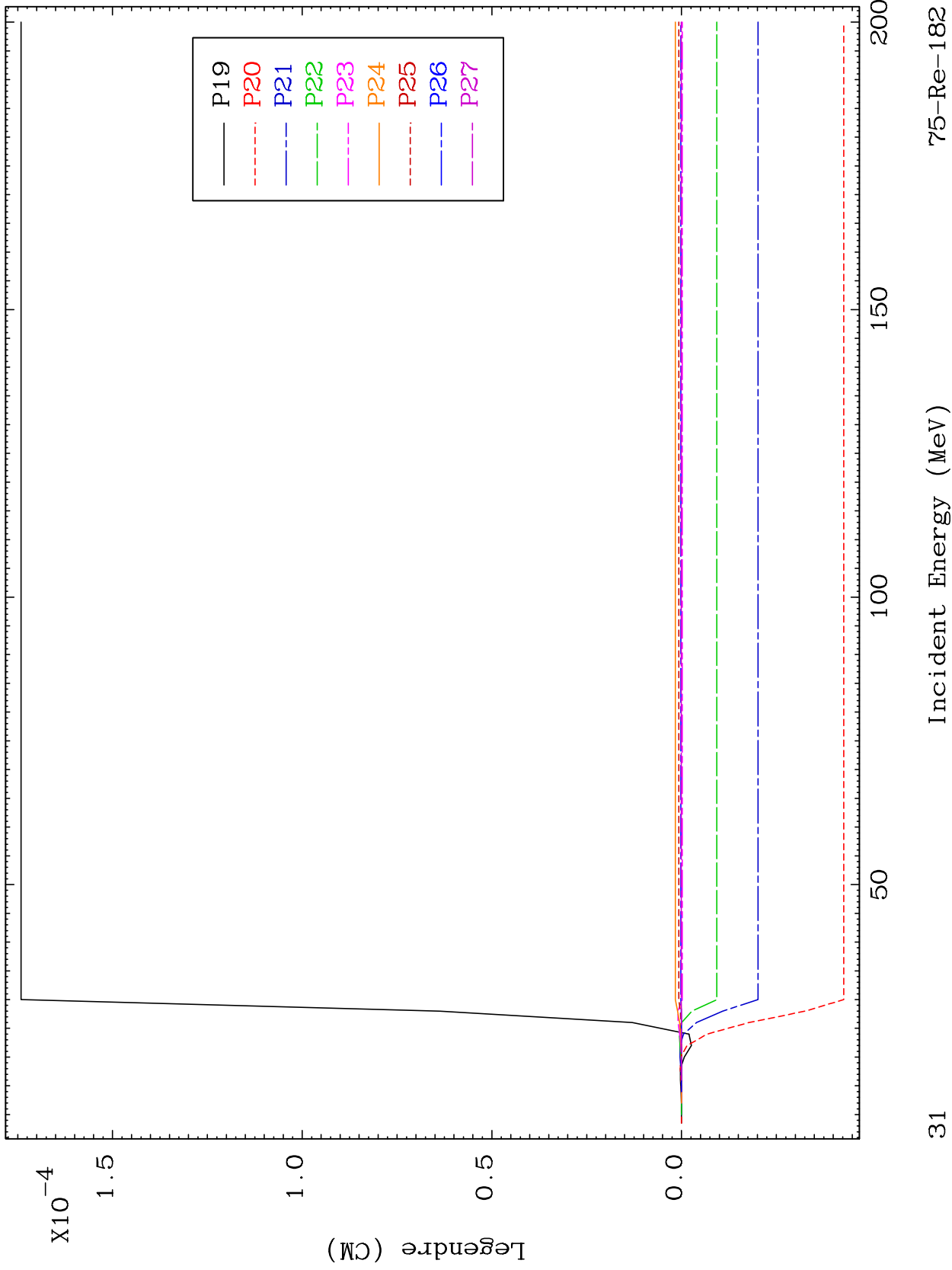




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443.1 keV (n,n') Level
Legendre Coefficients

75-Re-182



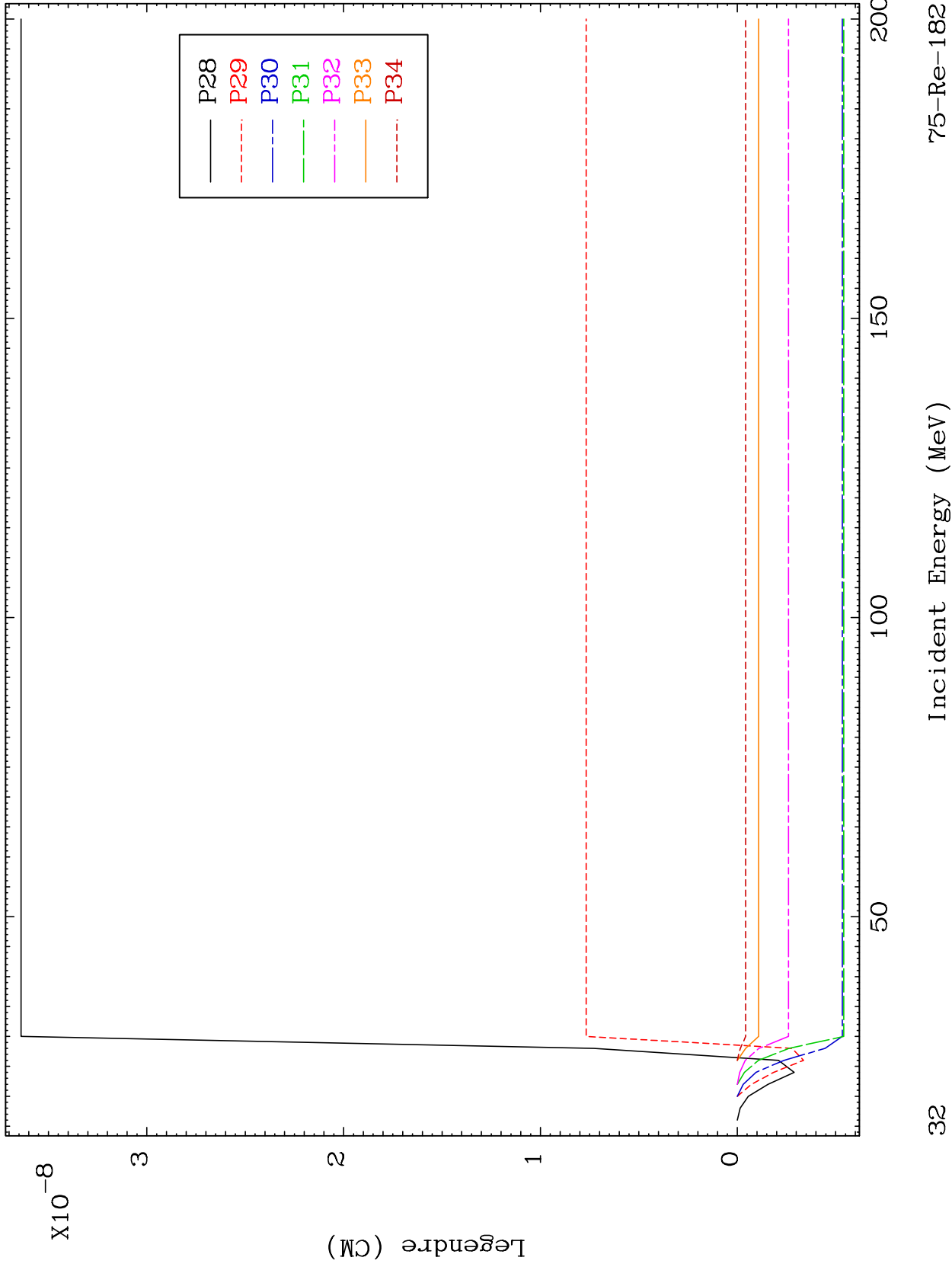
31

75-Re-182

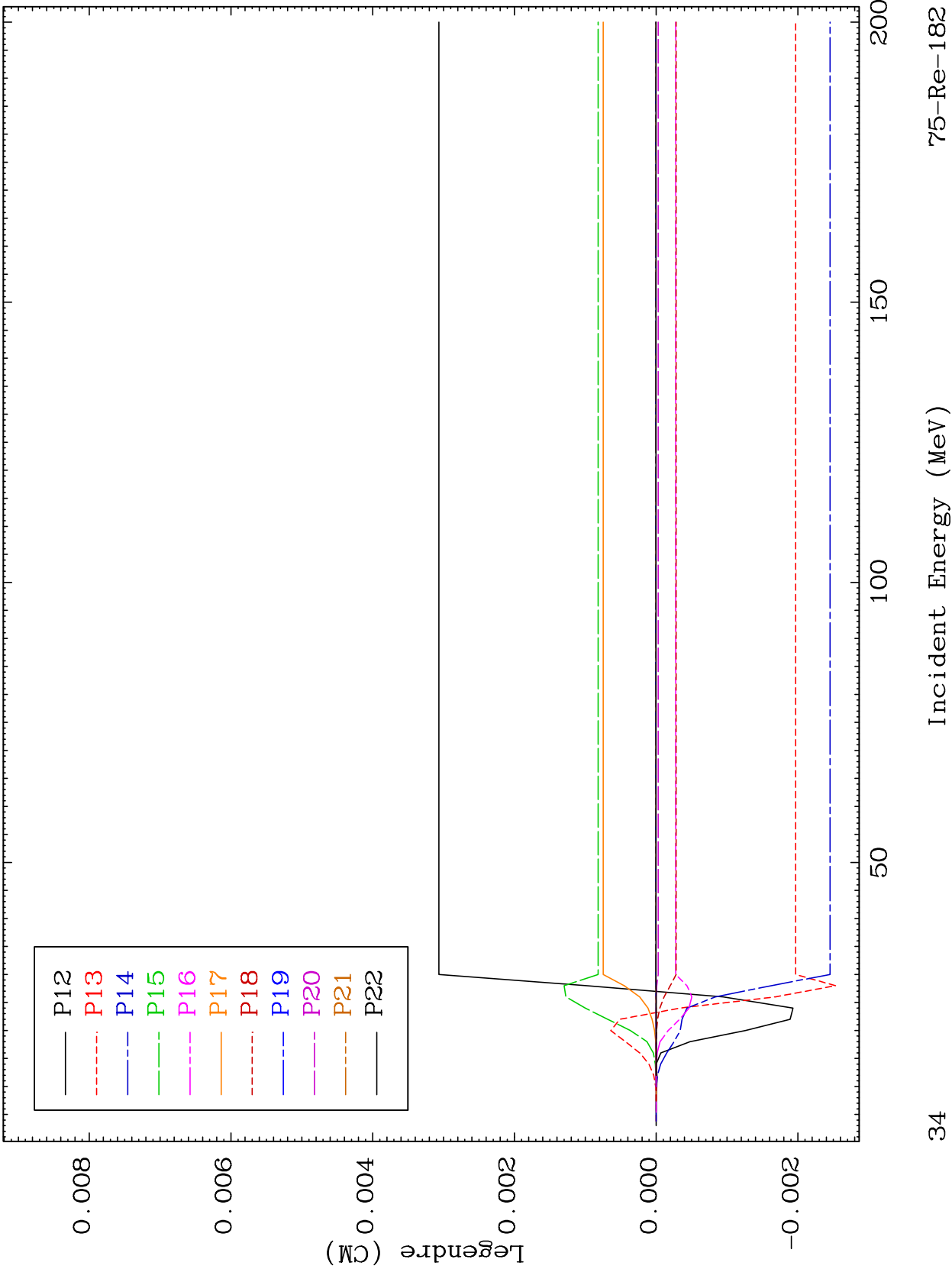
MAT 7516

443.1 keV (n,n') Level
Legendre Coefficients

75-Re-182



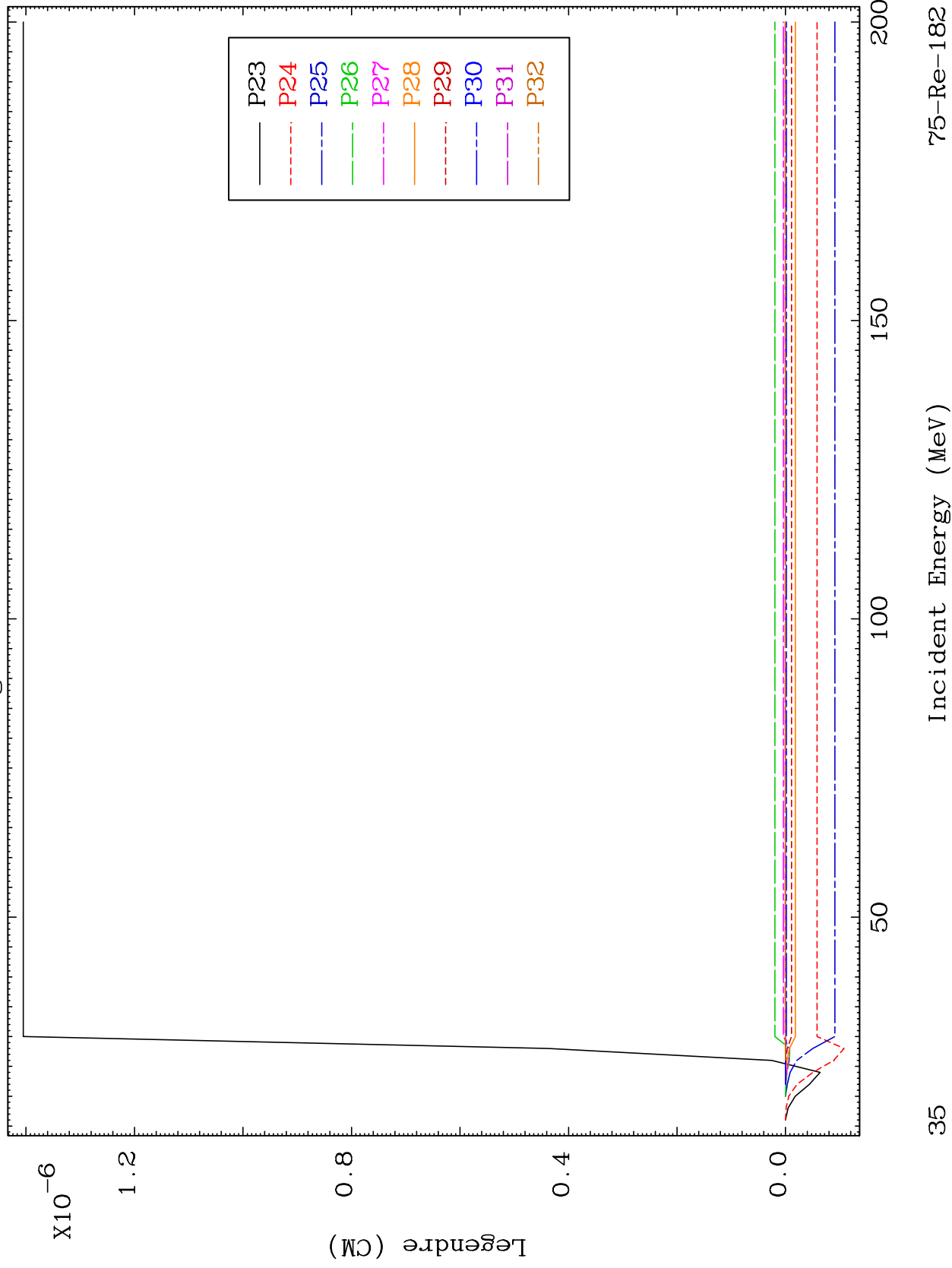
32



MAT 7516

552.0 keV (n,n') Level
Legendre Coefficients

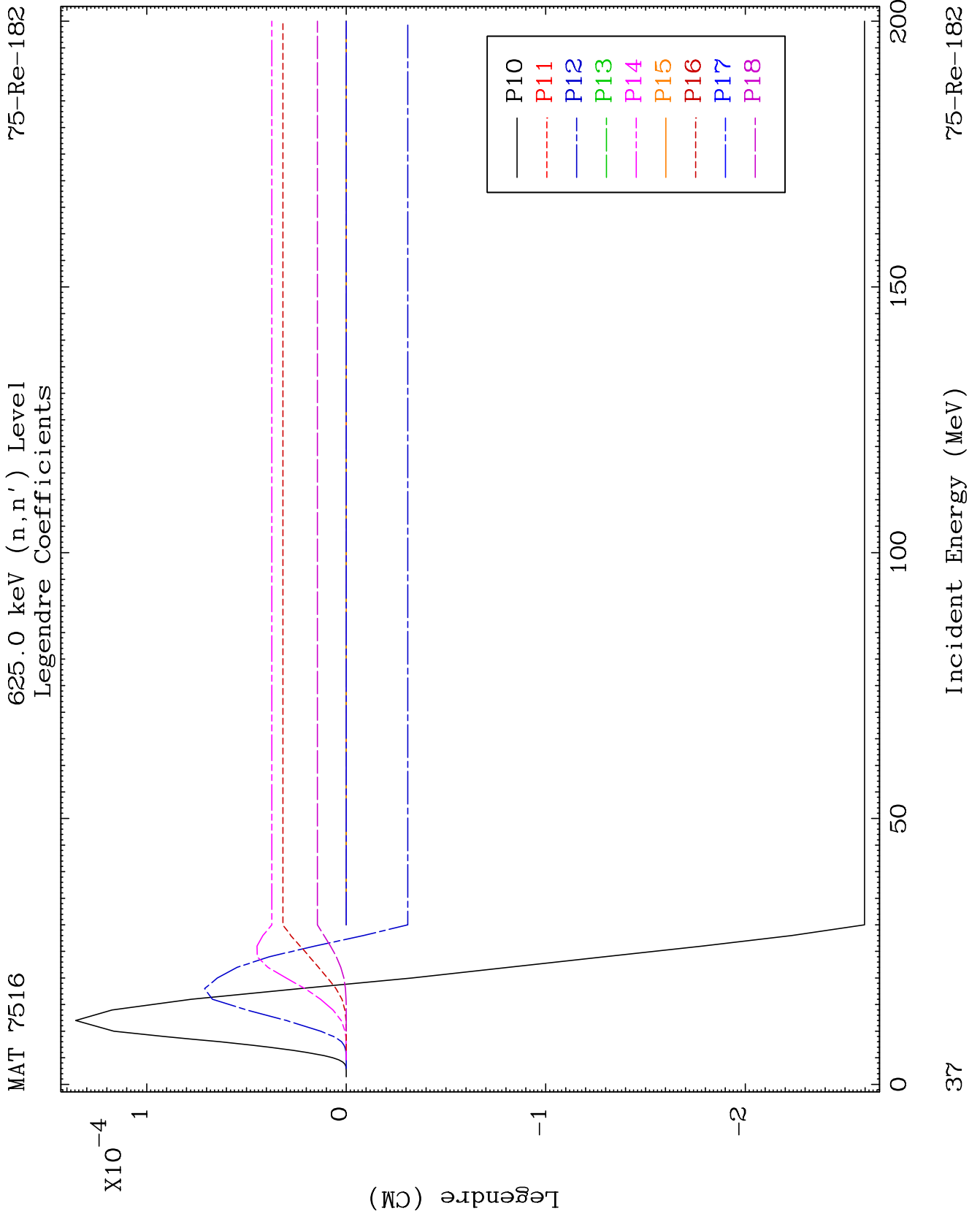
75-Re-182



75-Re-182

Incident Energy (MeV)

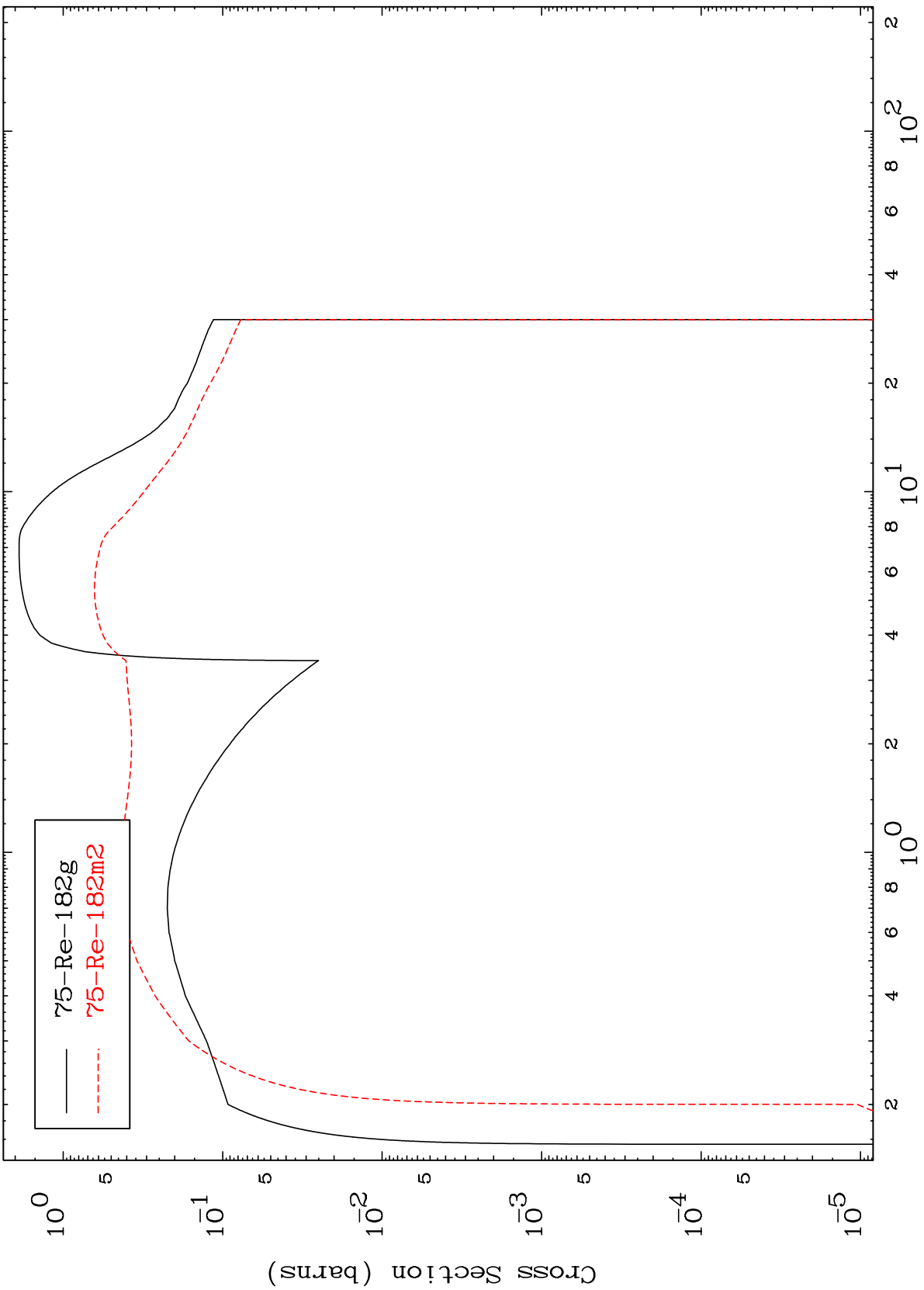
35



MAT 7516

Radionuclide Production Cross Section

75-Re-182

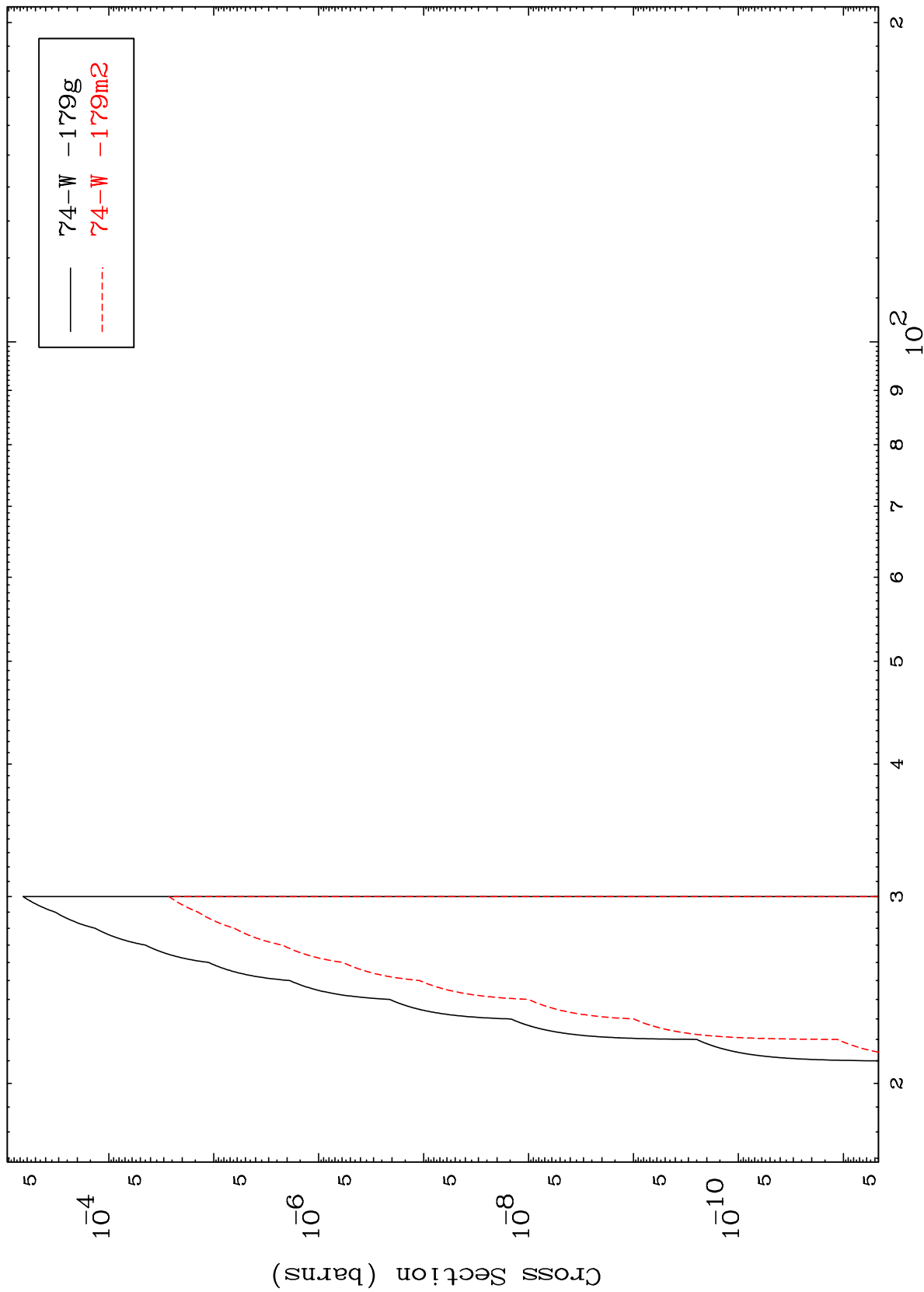


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(n,2n) d

75-Re-182

Radionuclide Production Cross Section



40

Incident Energy (MeV)

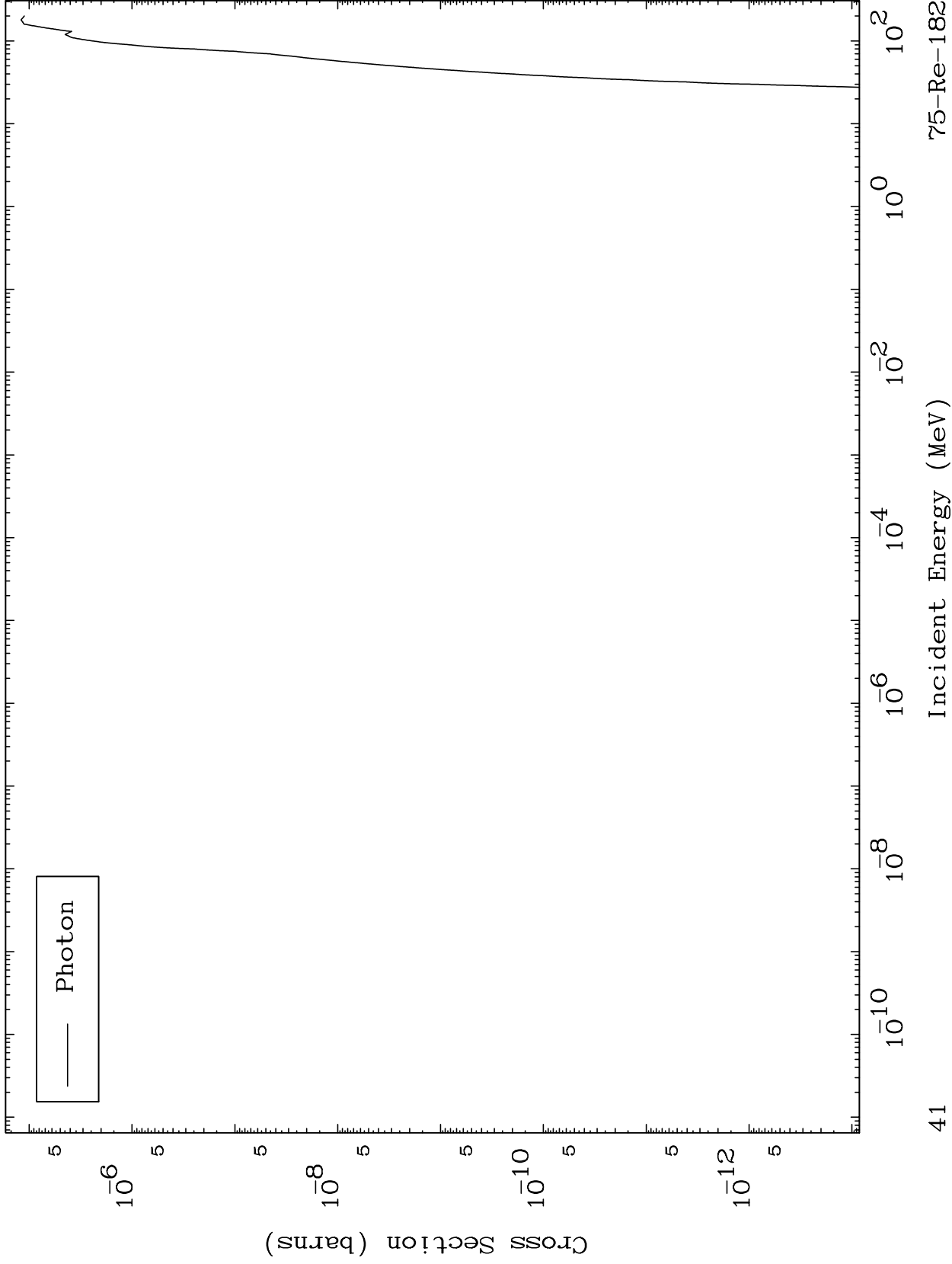
75-Re-182

MAT 7516

Fission

75-Re-182

Radionuclide Production Cross Section

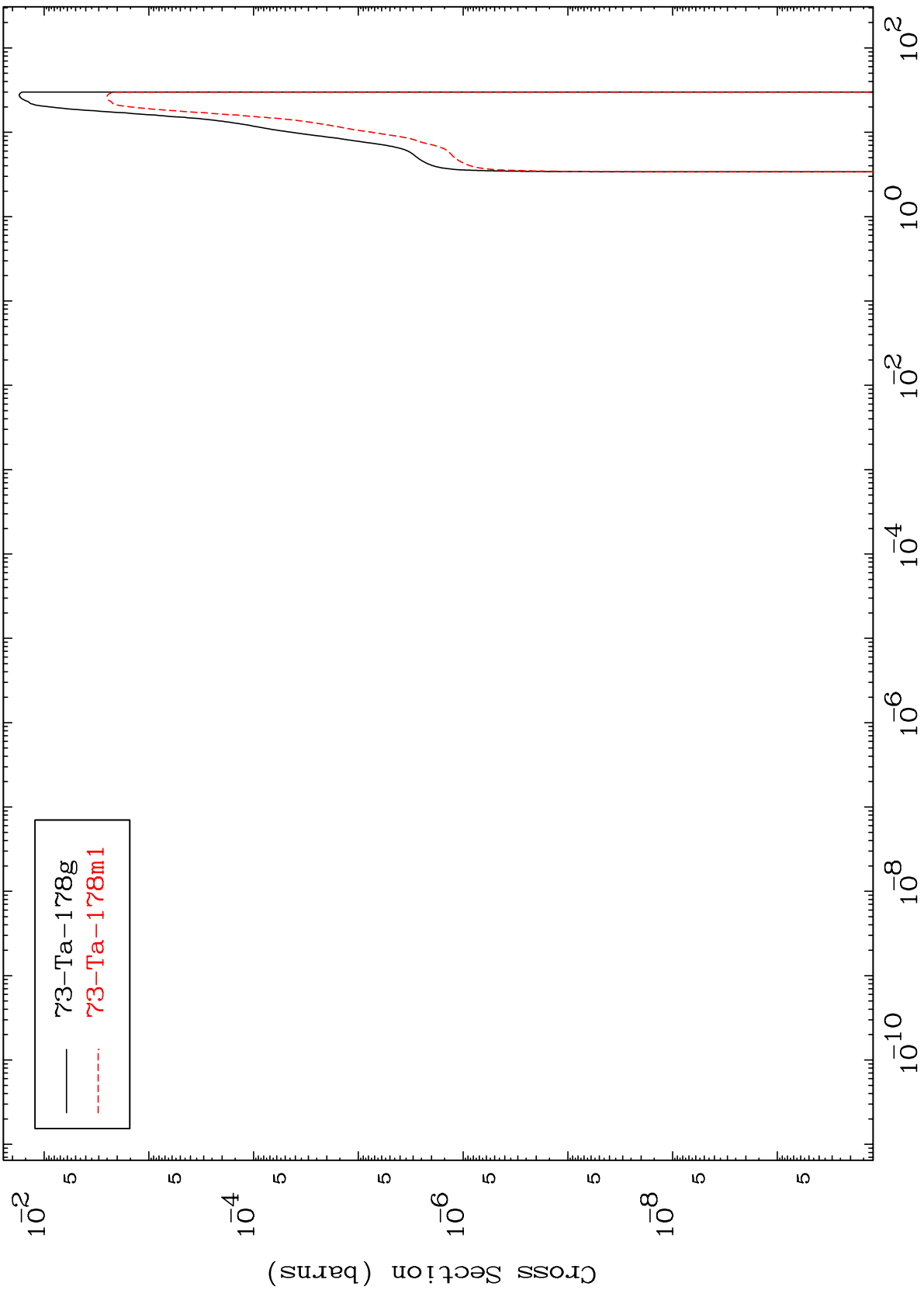


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(n, n') α

75-Re-182

Radionuclide Production Cross Section



73-Ta-178g
73-Ta-178m1

Incident Energy (MeV)

75-Re-182

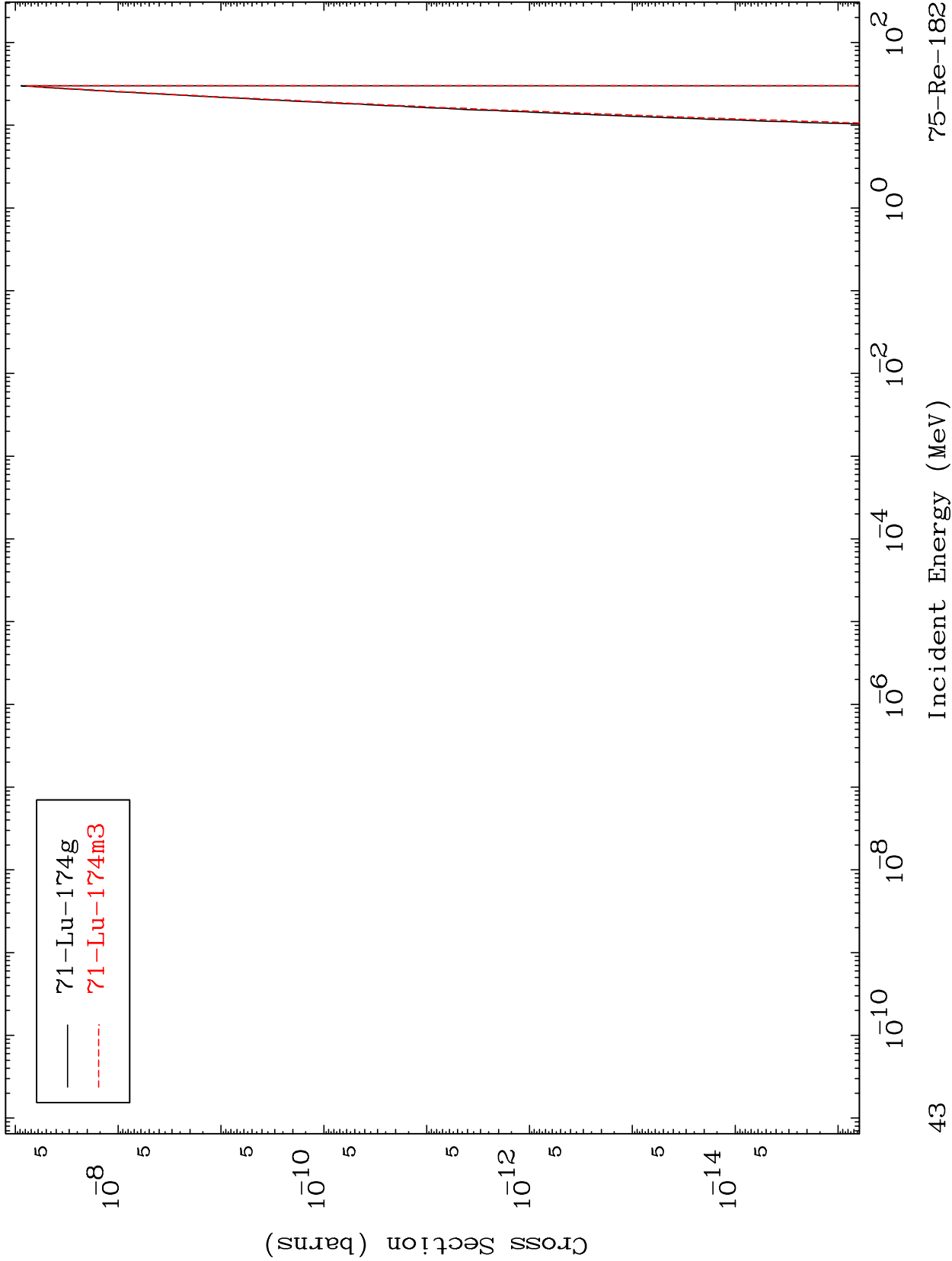
42

MAT 7516

(n,n') 2α

75-Re-182

Radionuclide Production Cross Section

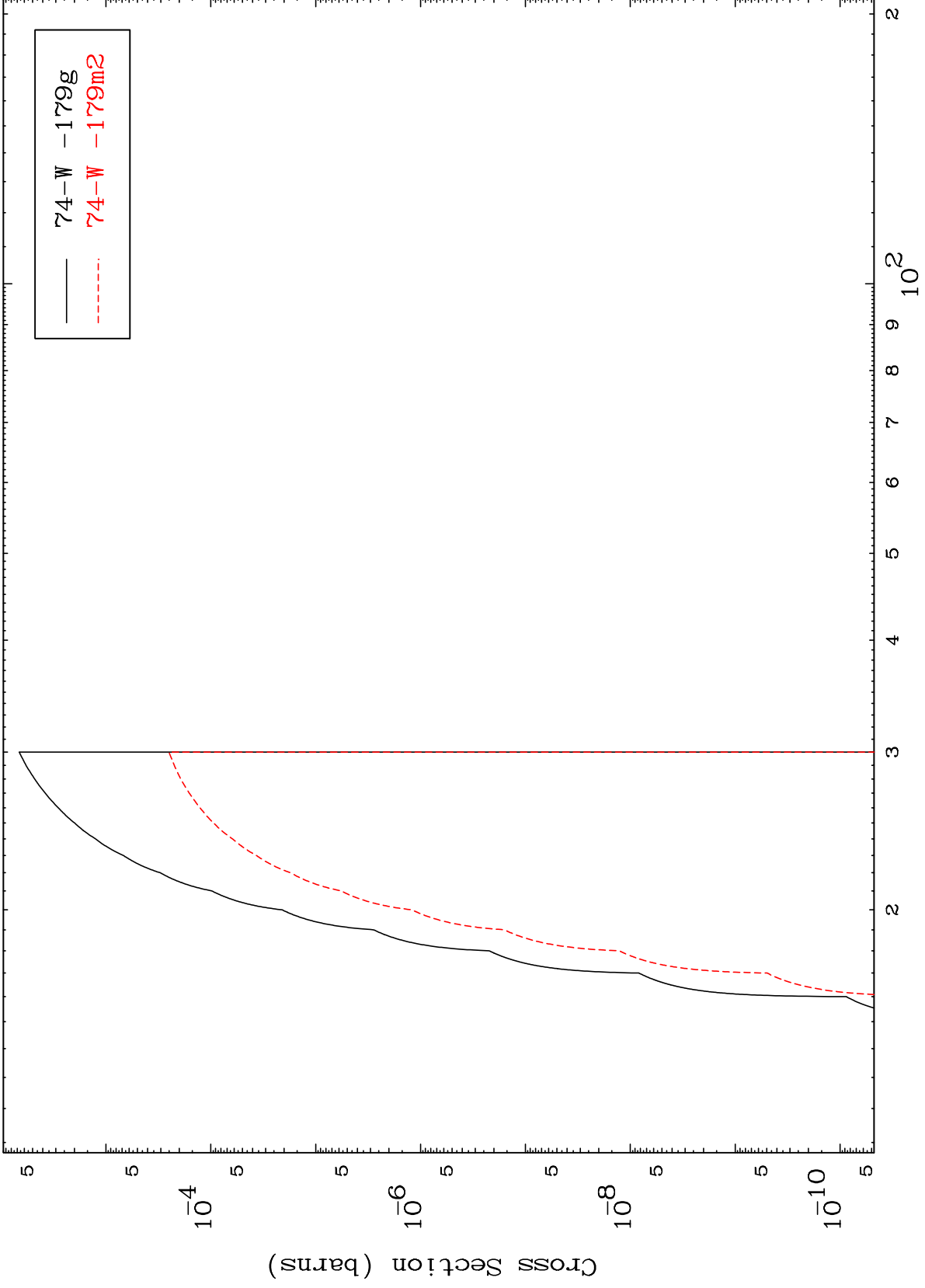


MAT 7516

(n,n') t

75-Re-182

Radionuclide Production Cross Section



44

Incident Energy (MeV)

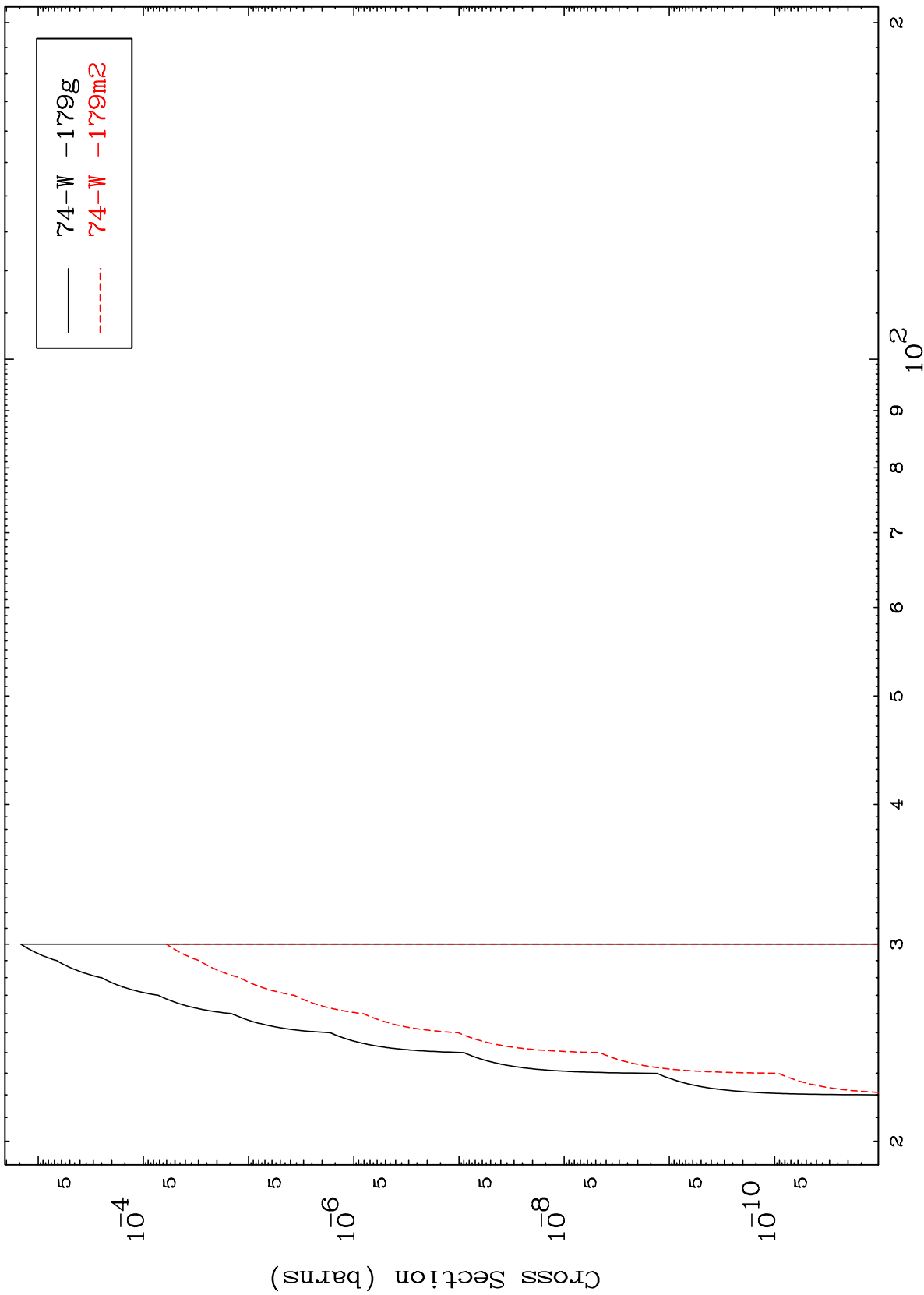
75-Re-182

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(n,3n) p

75-Re-182

Radionuclide Production Cross Section

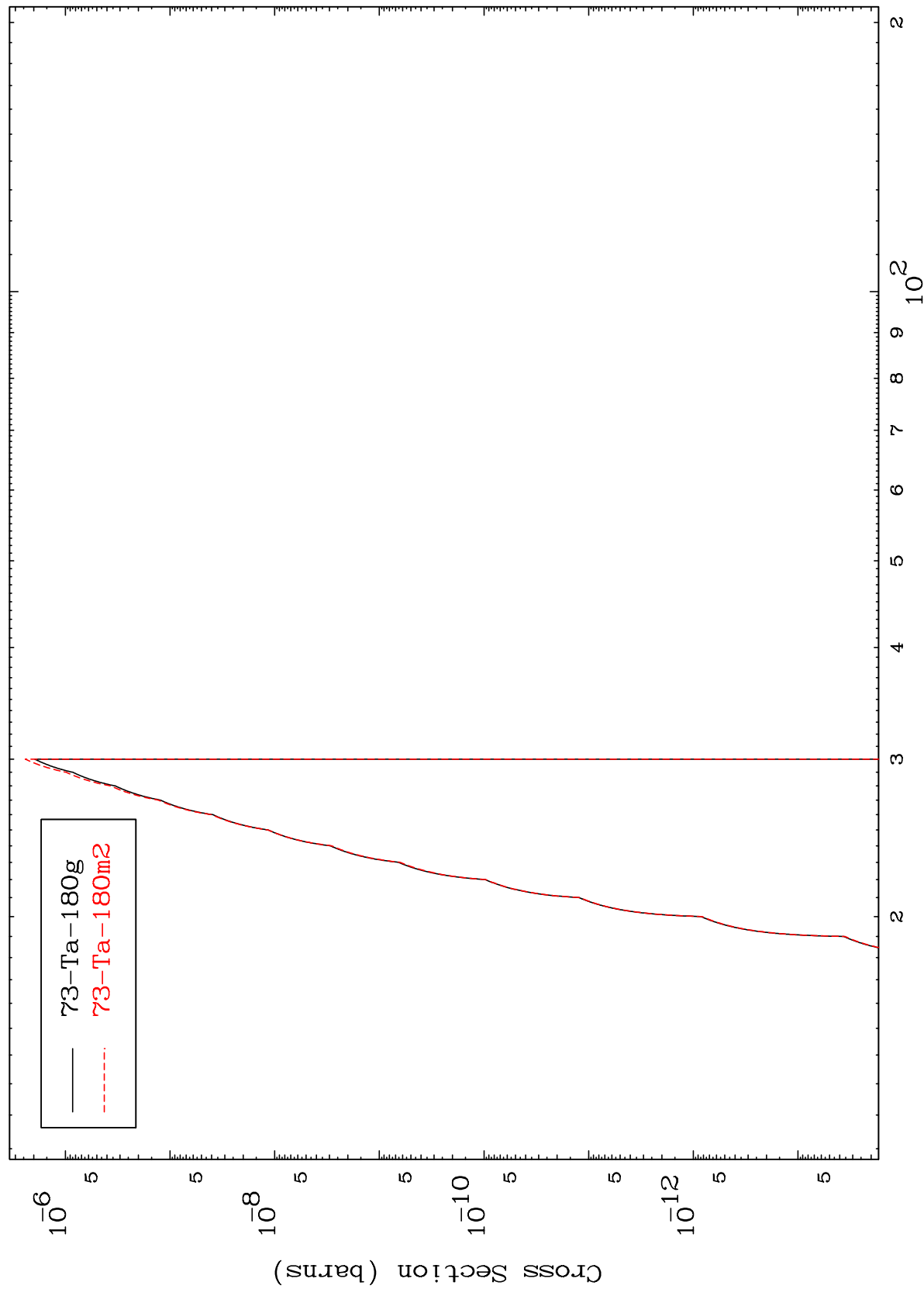


45

Incident Energy (MeV)

75-Re-182

Radionuclide Production Cross Section

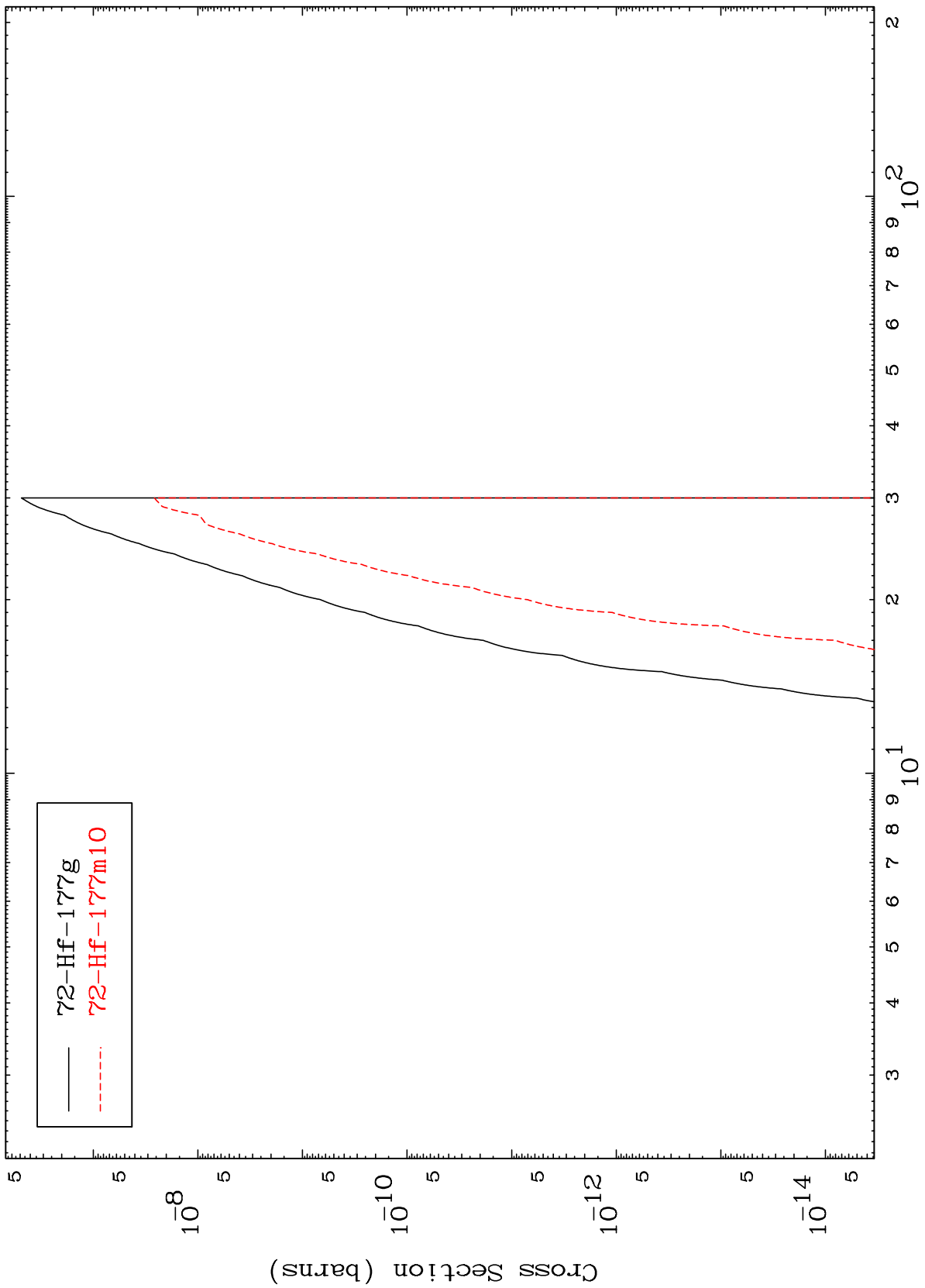


MAT 7516

(n,n') p α

75-Re-182

Radionuclide Production Cross Section



47

Incident Energy (MeV)

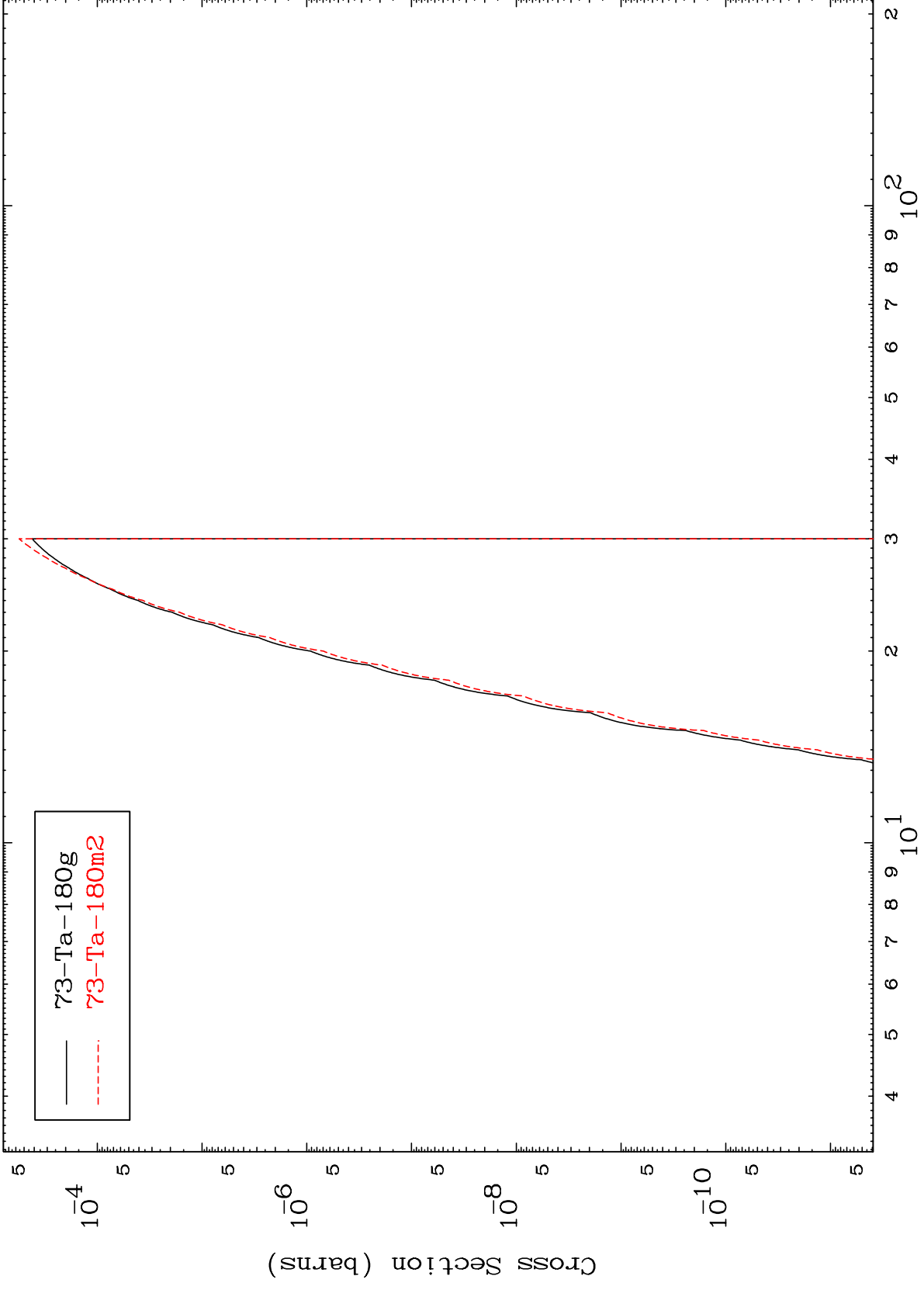
75-Re-182

MAT 7516

(n,He-3)

75-Re-182

Radionuclide Production Cross Section



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

48

Incident Energy (MeV)

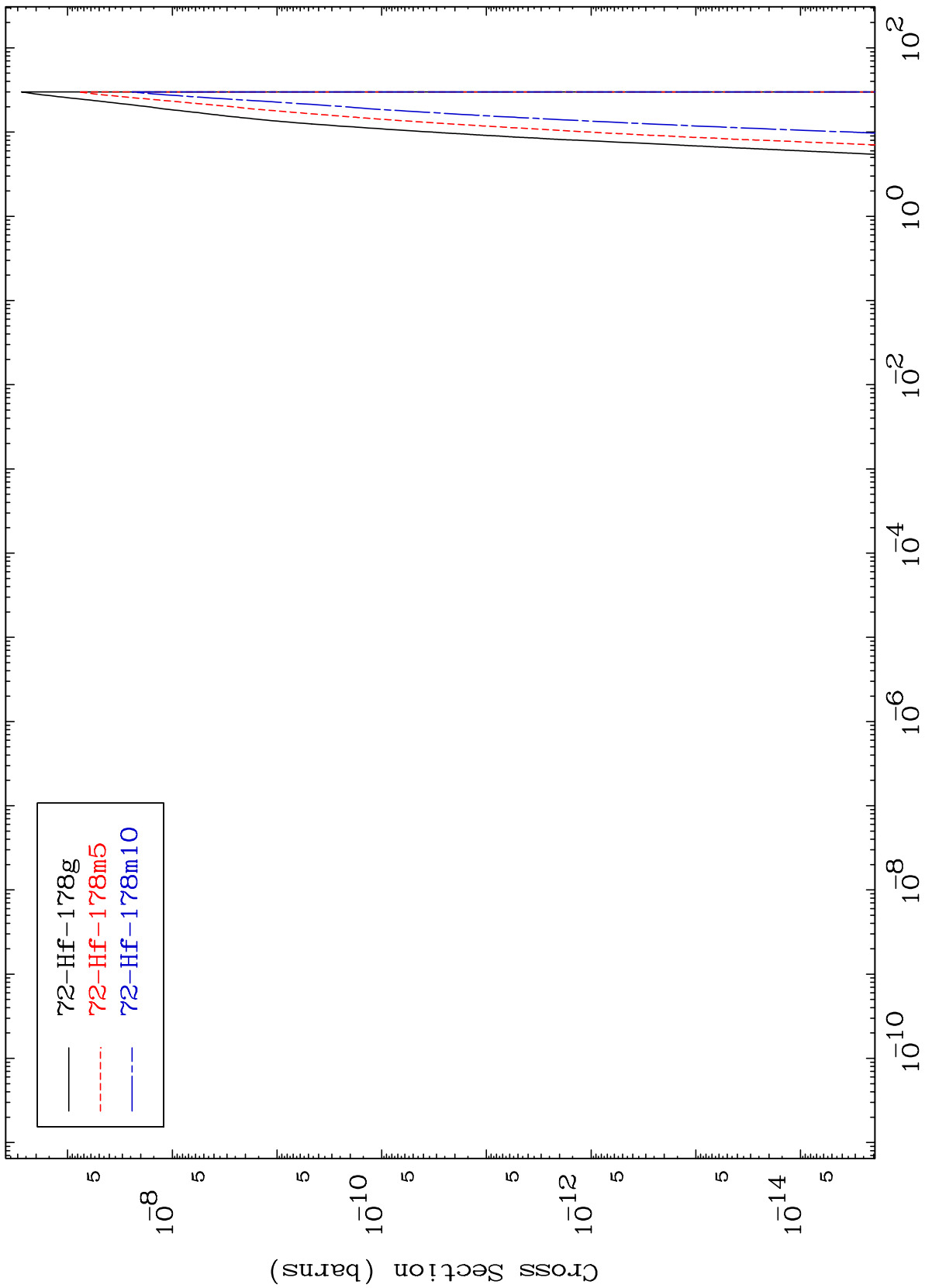
75-Re-182

MAT 7516

(n,p) α

⁷⁵Re-182

Radionuclide Production Cross Section

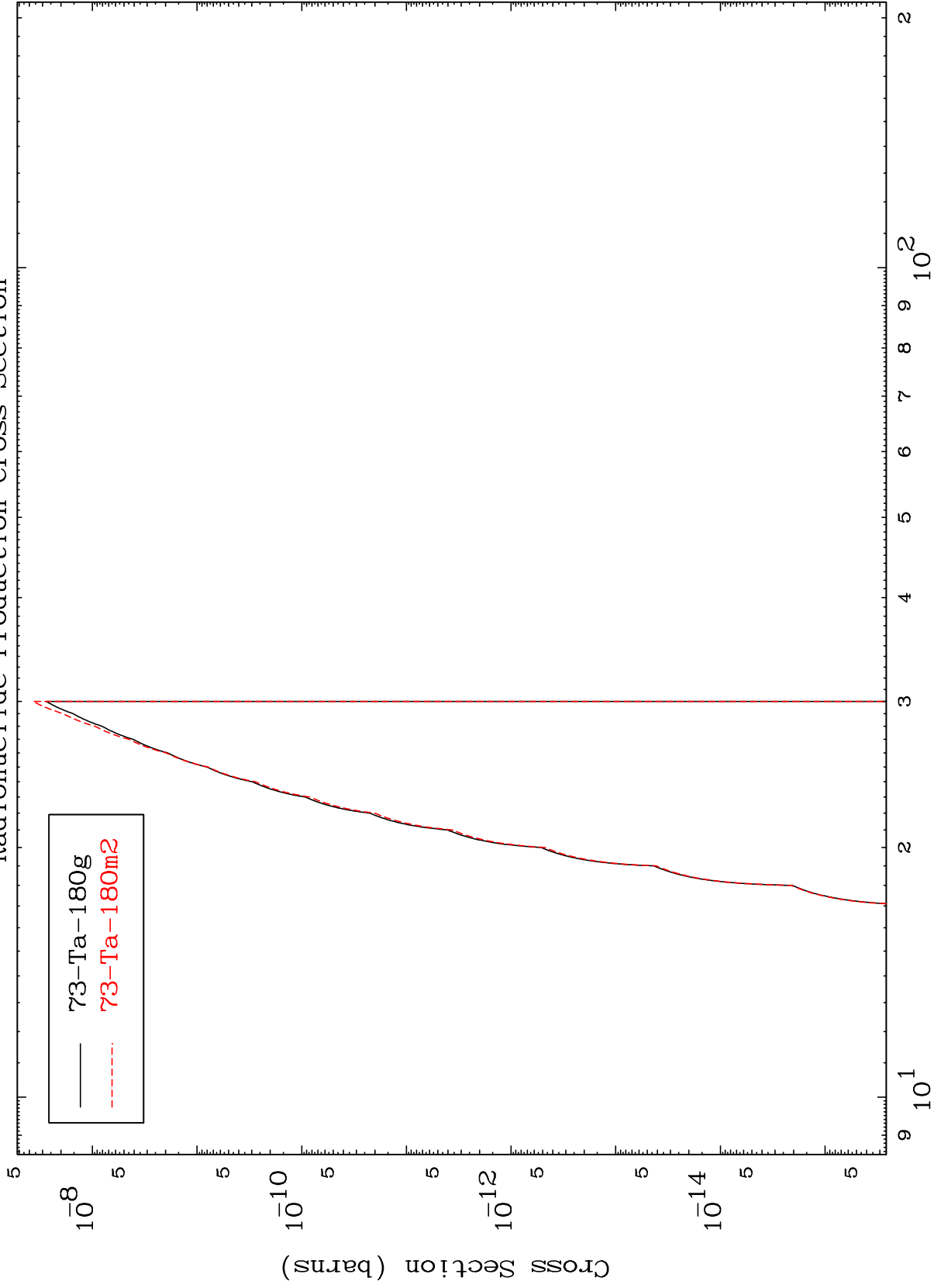


MAT 7516

(n,p) d

75-Re-182

Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-182

50

MAT 7516

(n,d) α

75-Re-182

Radionuclide Production Cross Section

