

Program EVALPLOT
(Version 2017-1)

by

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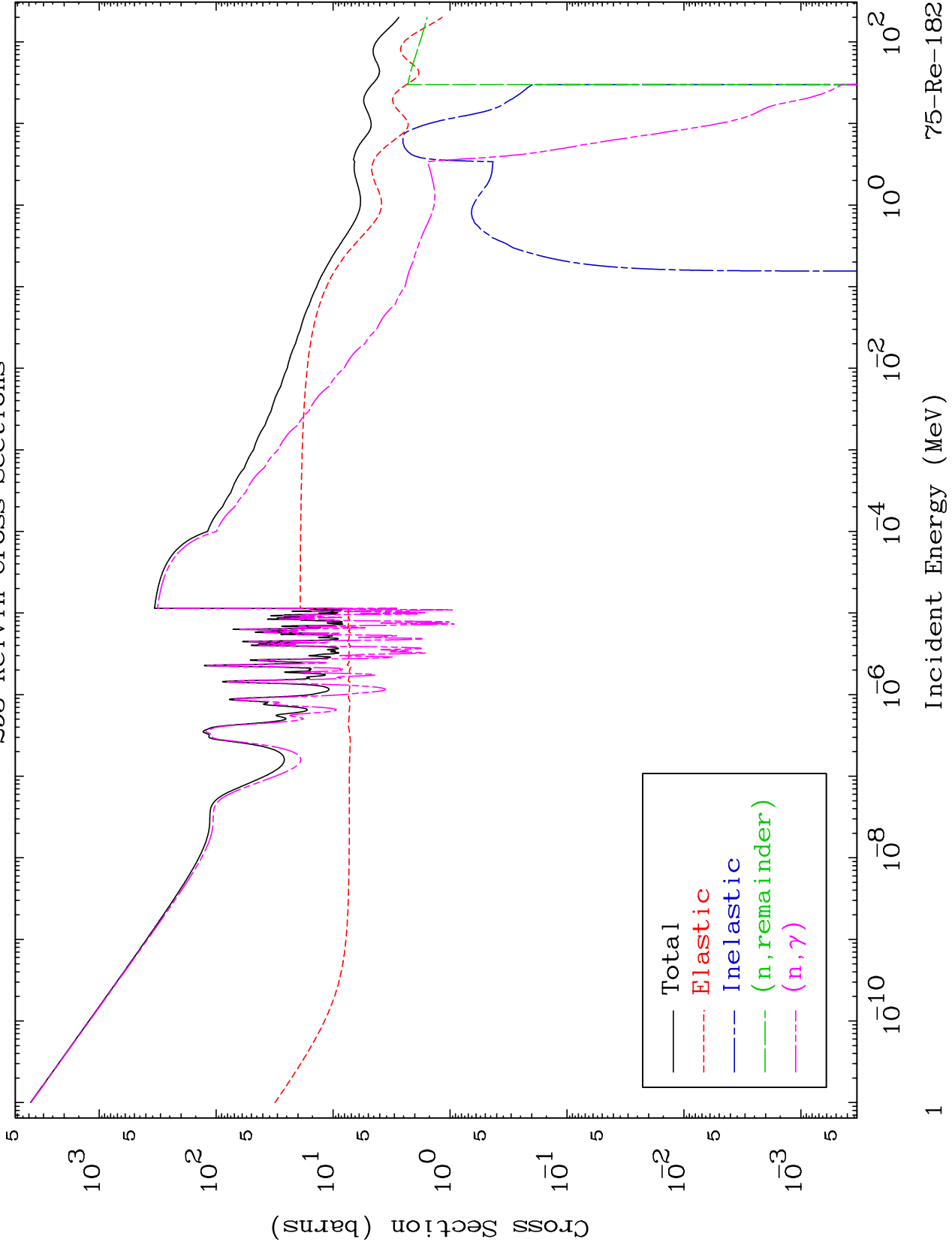
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7516

Major
293 Kelvin Cross Sections

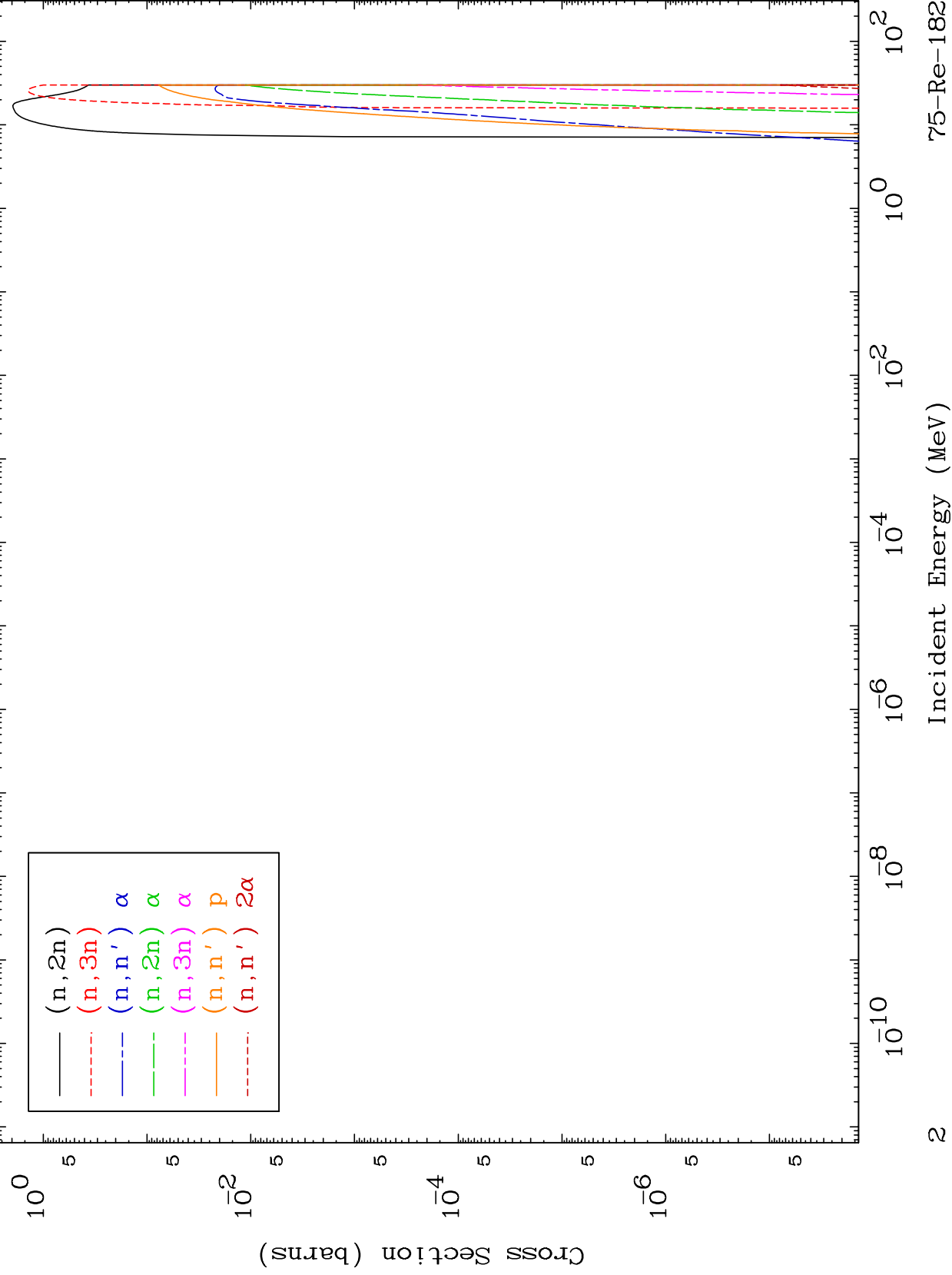
75-Re-182

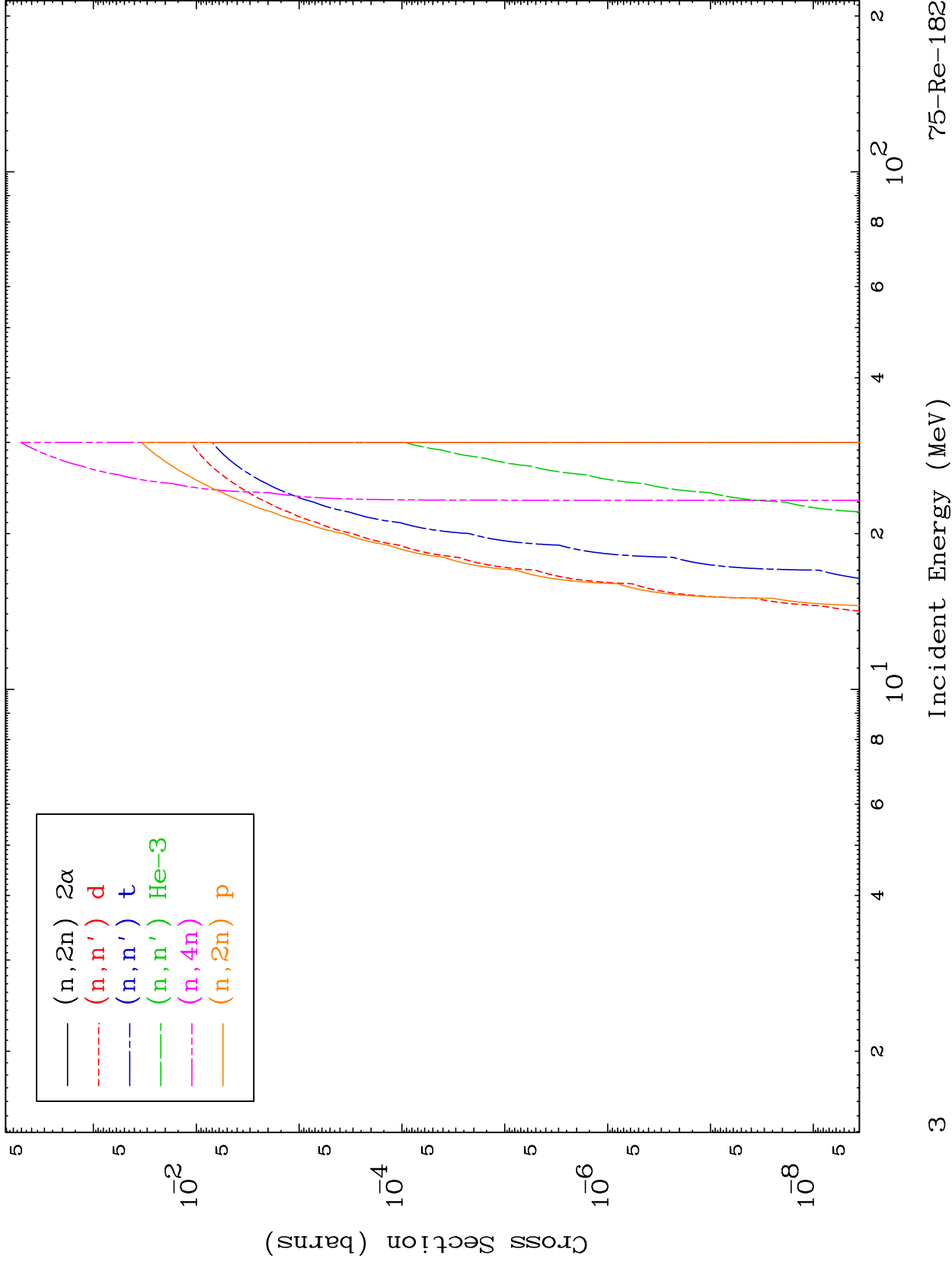


MAT 7516

Neutron Production
293 Kelvin Cross Sections

75-Re-182

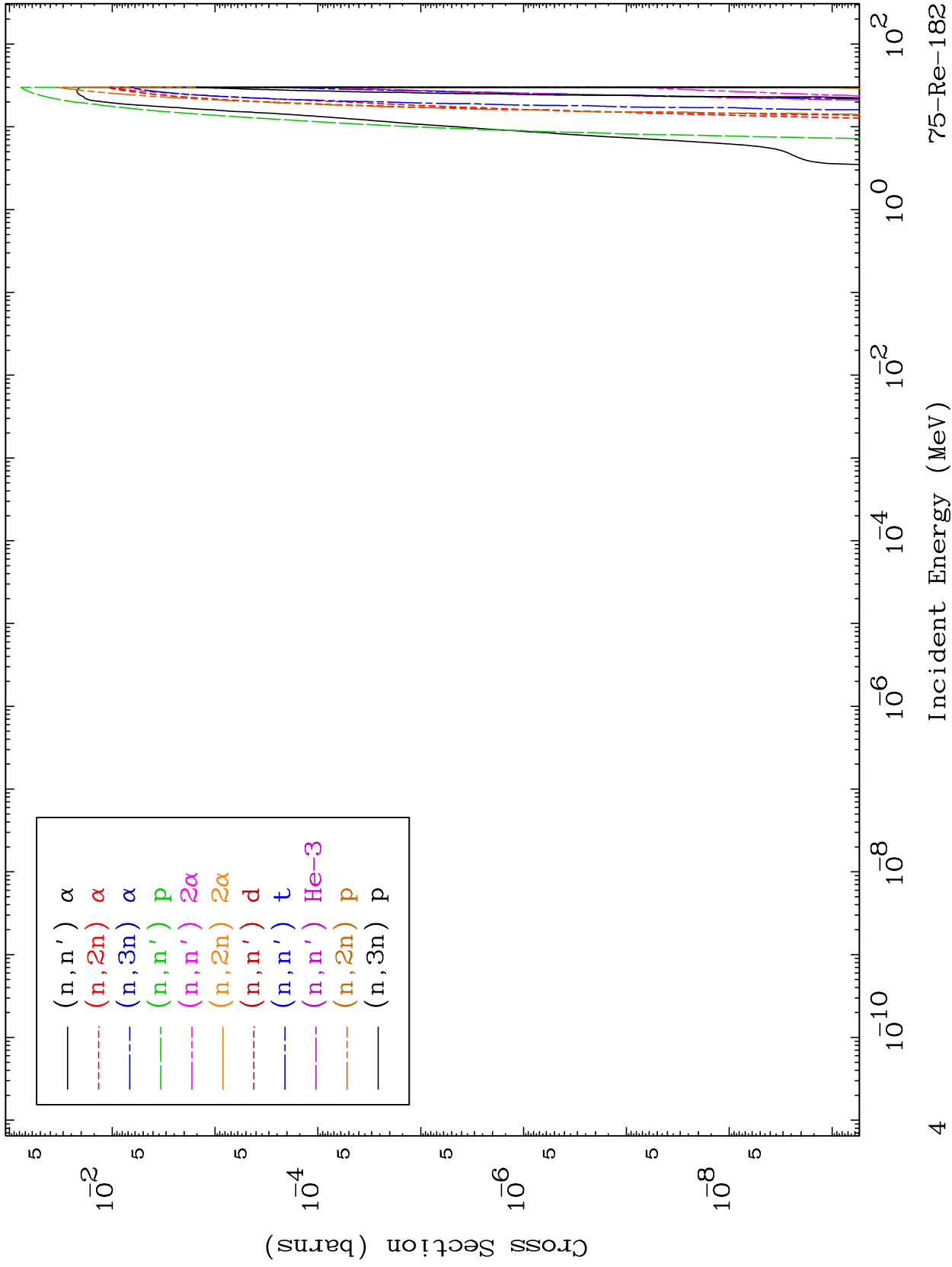




MAT 7516

Charged Particle
293 Kelvin Cross Sections

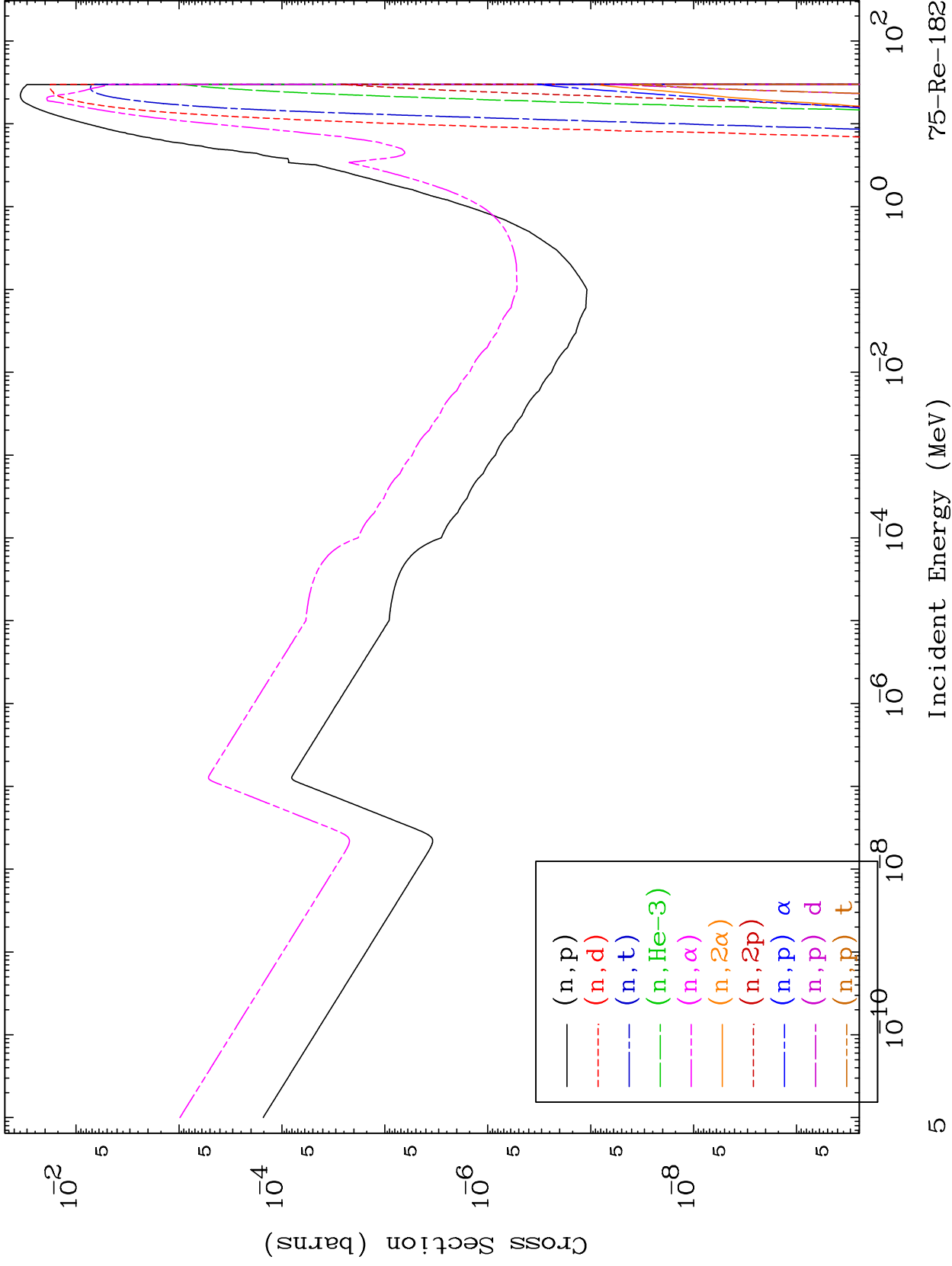
75-Re-182



MAT 7516

Charged Particle
293 Kelvin Cross Sections

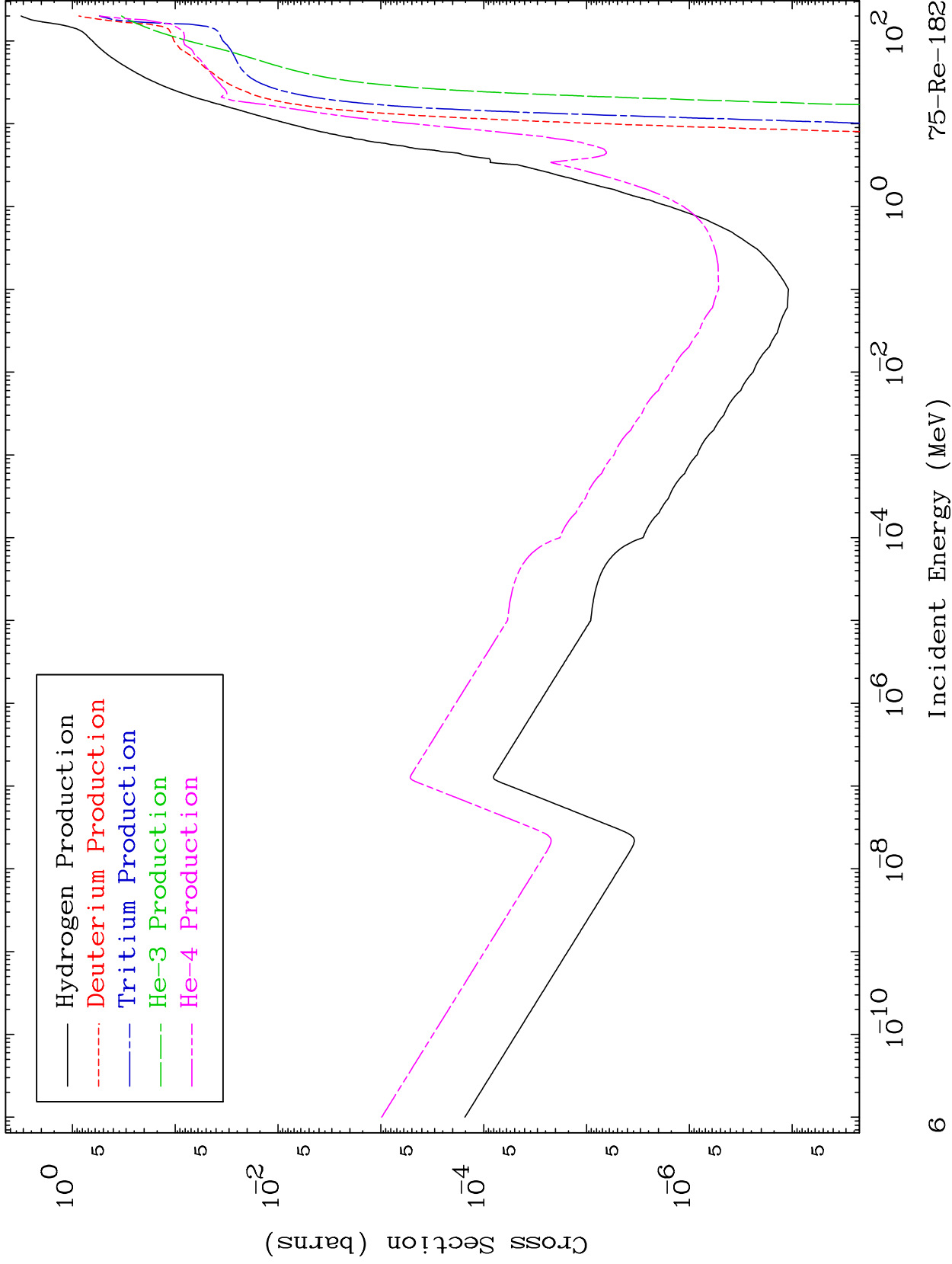
75-Re-182



MAT 7516

Particle Production
293 Kelvin Cross Sections

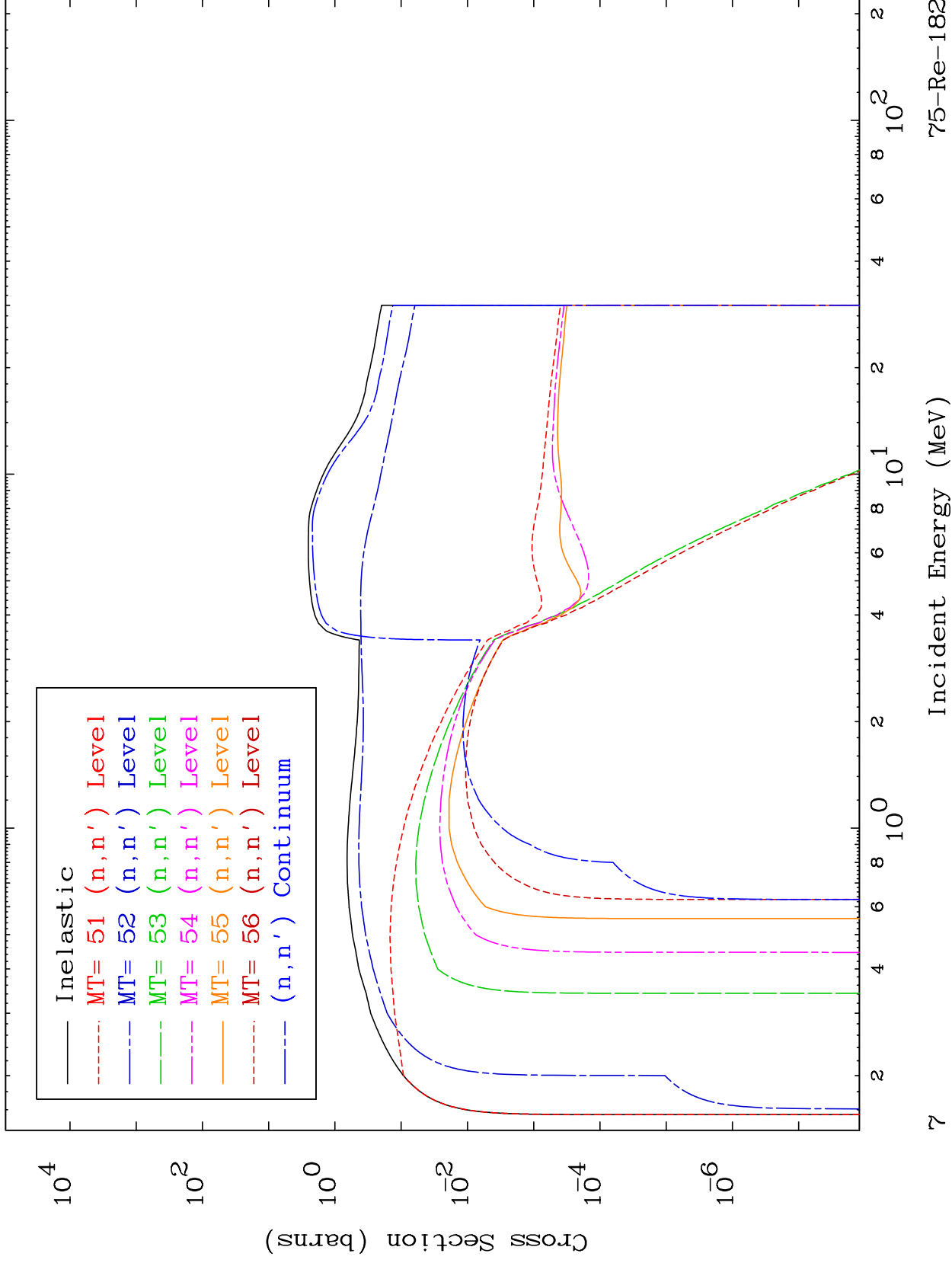
75-Re-182



MAT 7516

293 Kelvin Cross Sections

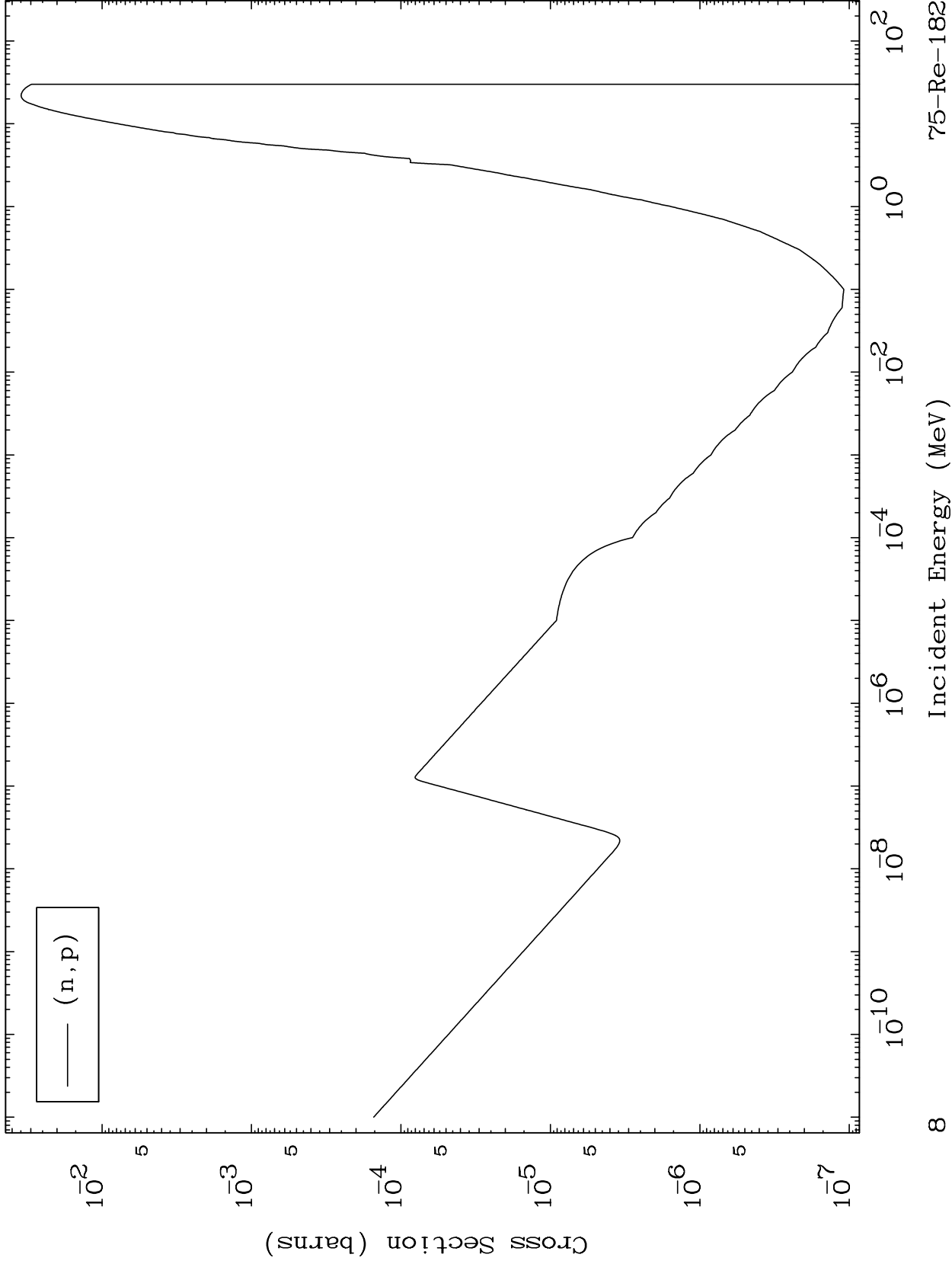
75-Re-182



MAT 7516

(n,p) Levels
293 Kelvin Cross Sections

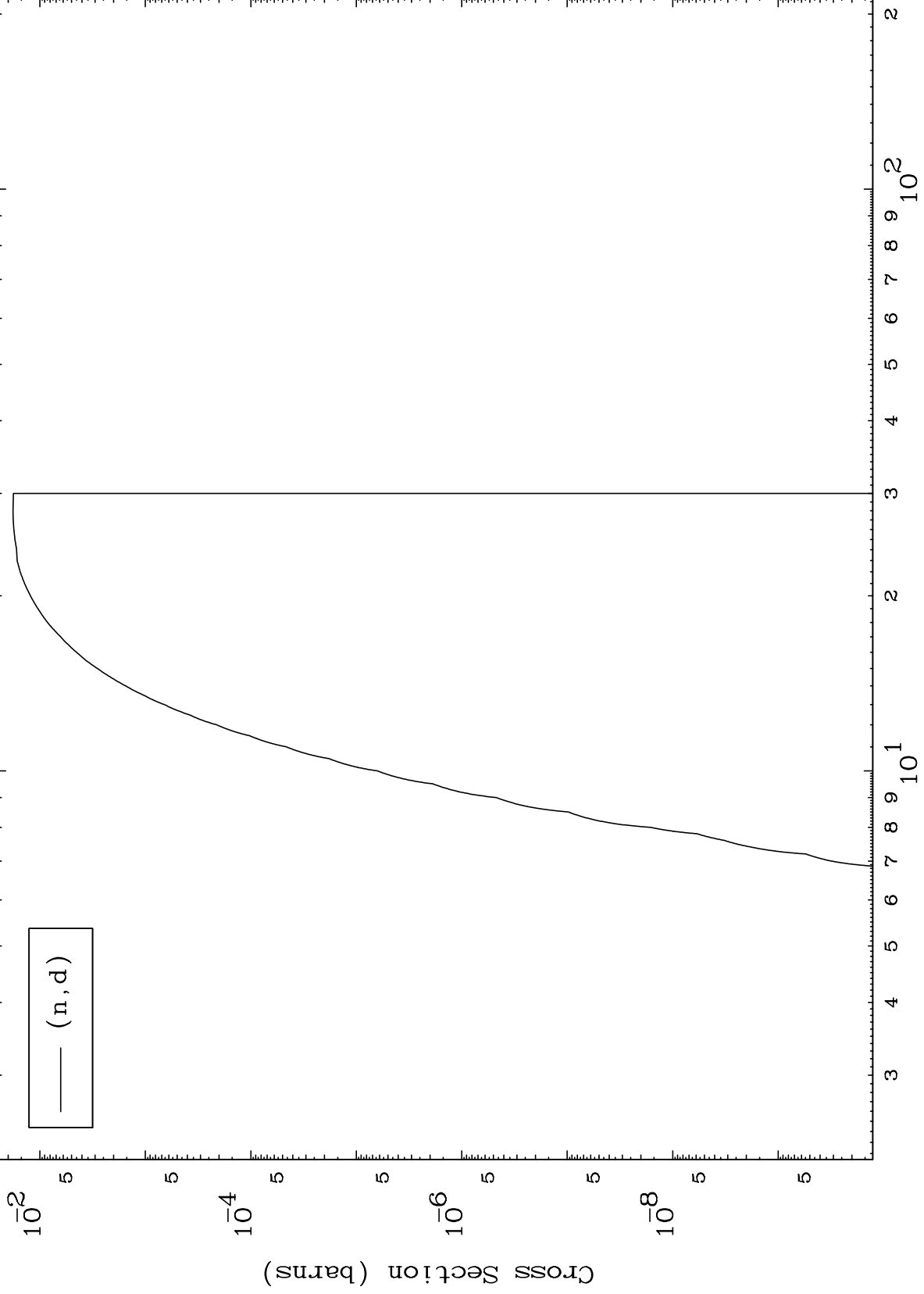
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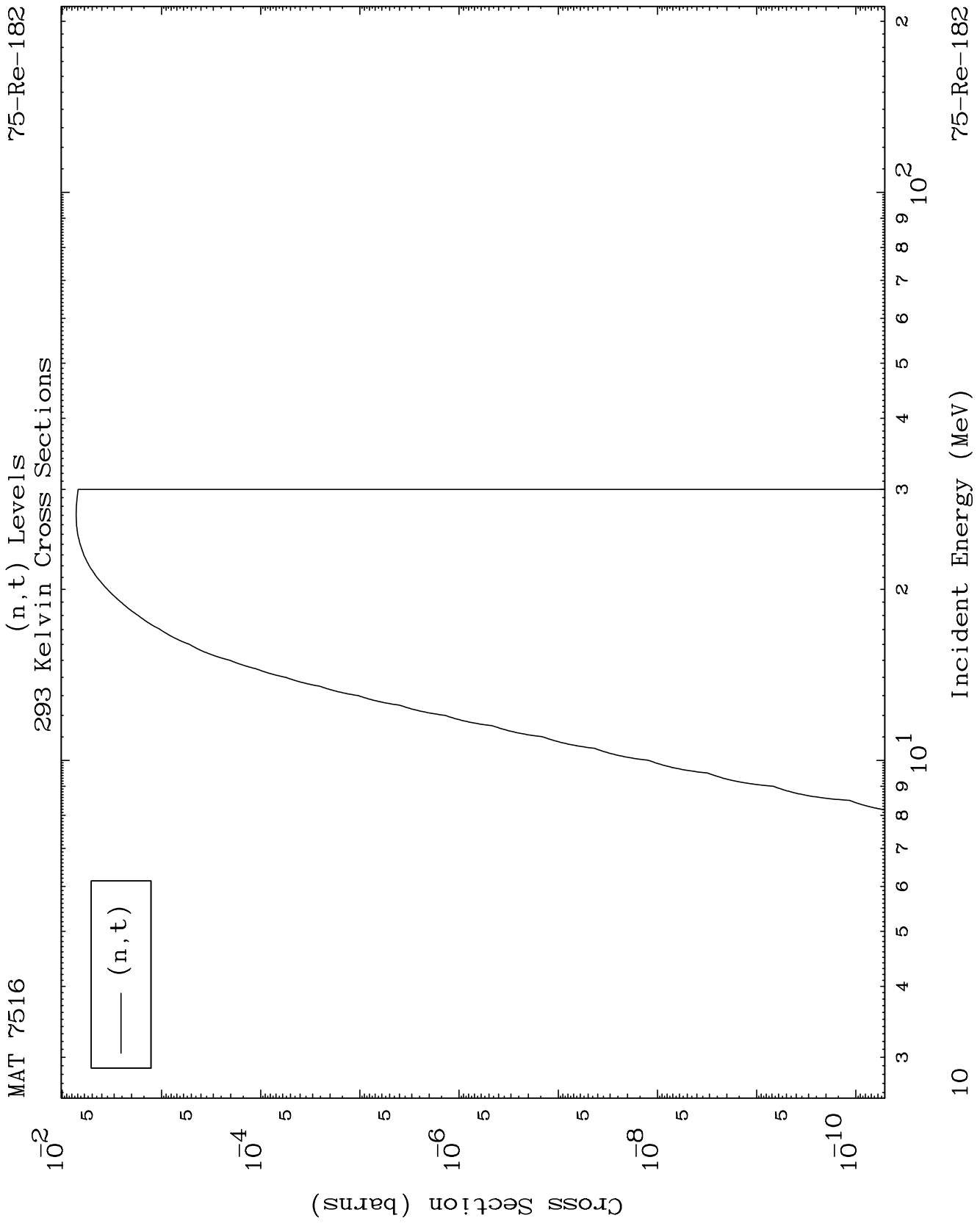


MAT 7516

(n,d) Levels
293 Kelvin Cross Sections

75-Re-182

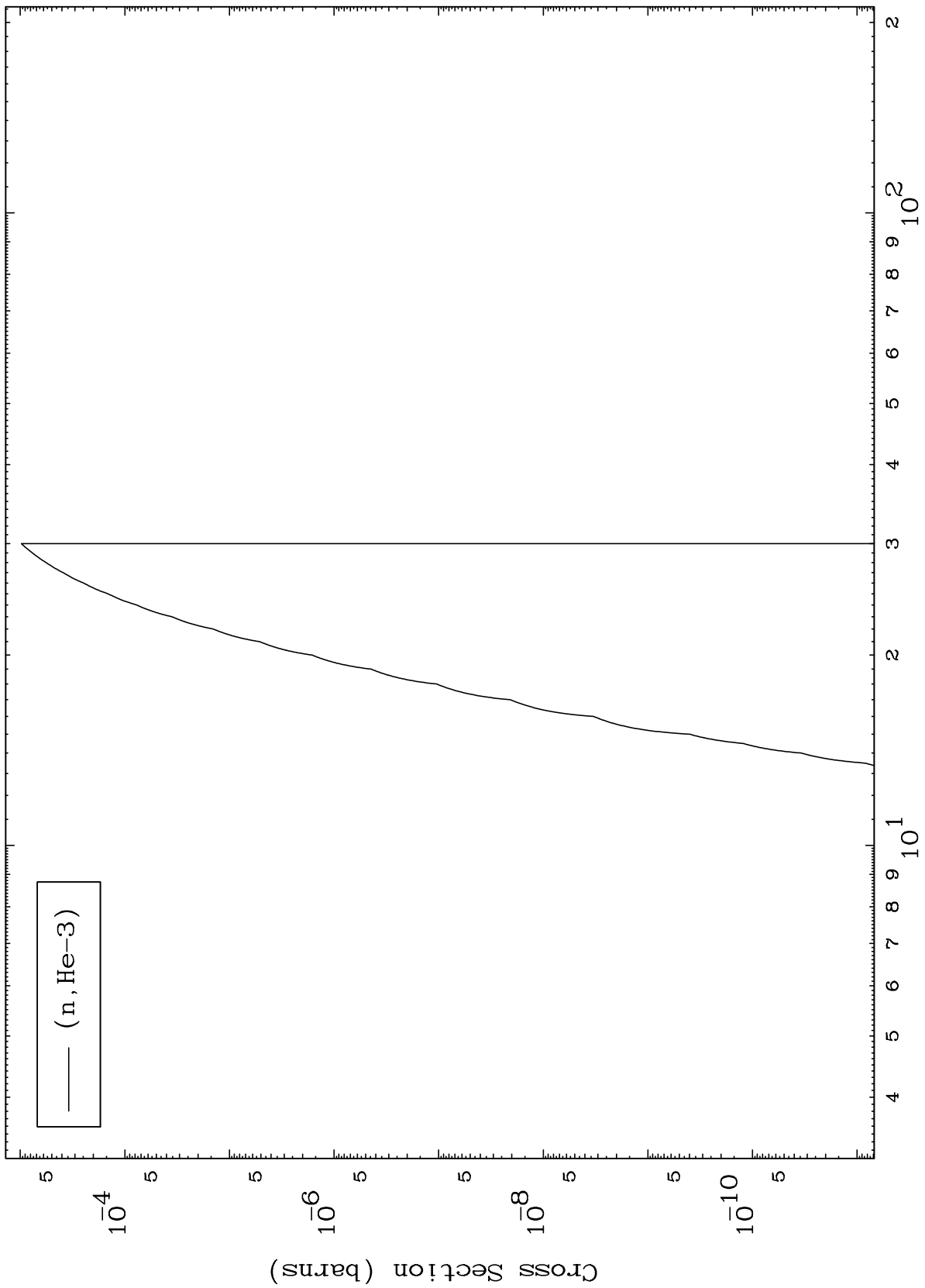




MAT 7516

(n,He3) Levels
293 Kelvin Cross Sections

75-Re-182



11

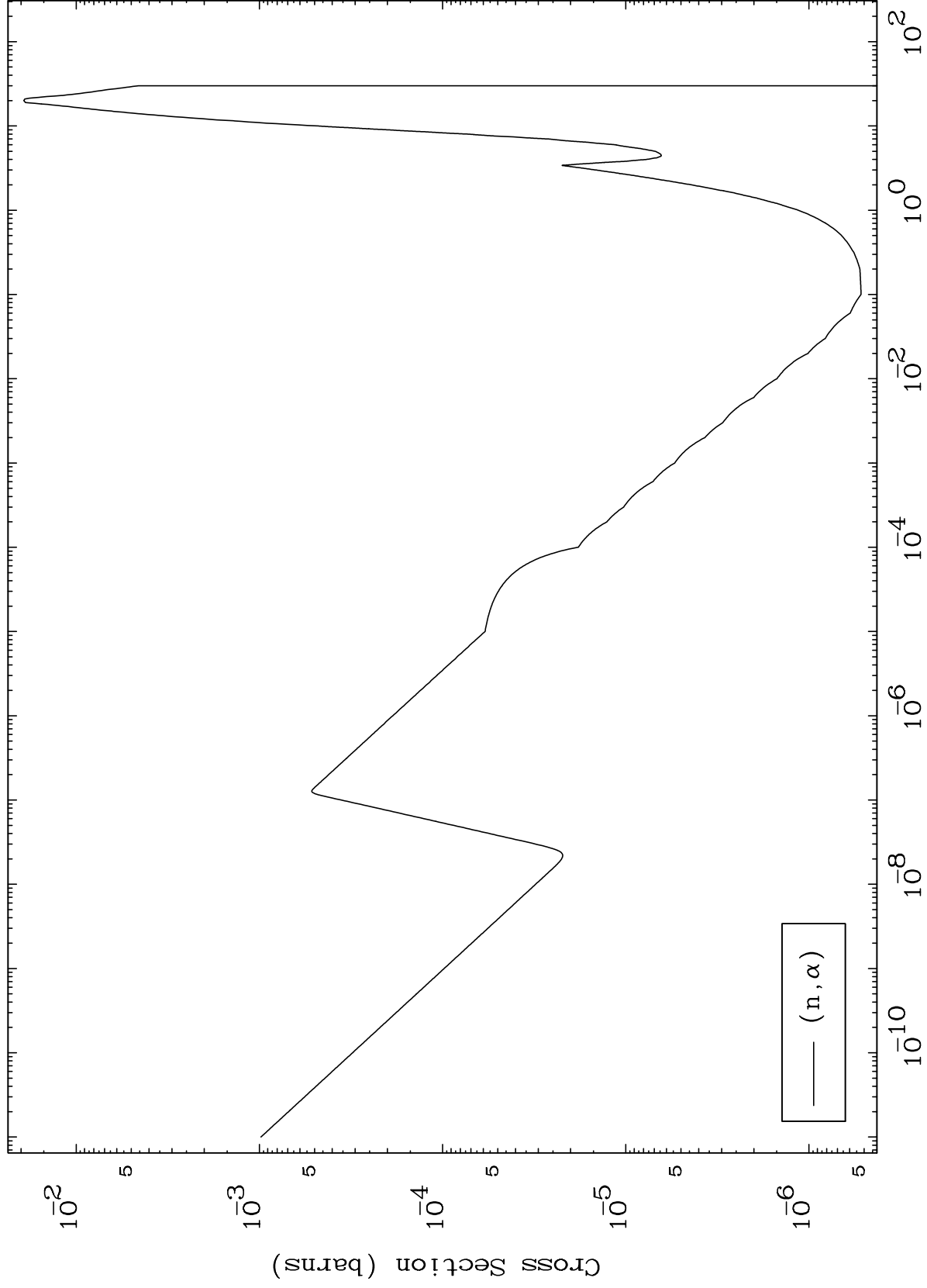
Incident Energy (MeV)

75-Re-182

MAT 7516

(n, α) Levels
293 Kelvin Cross Sections

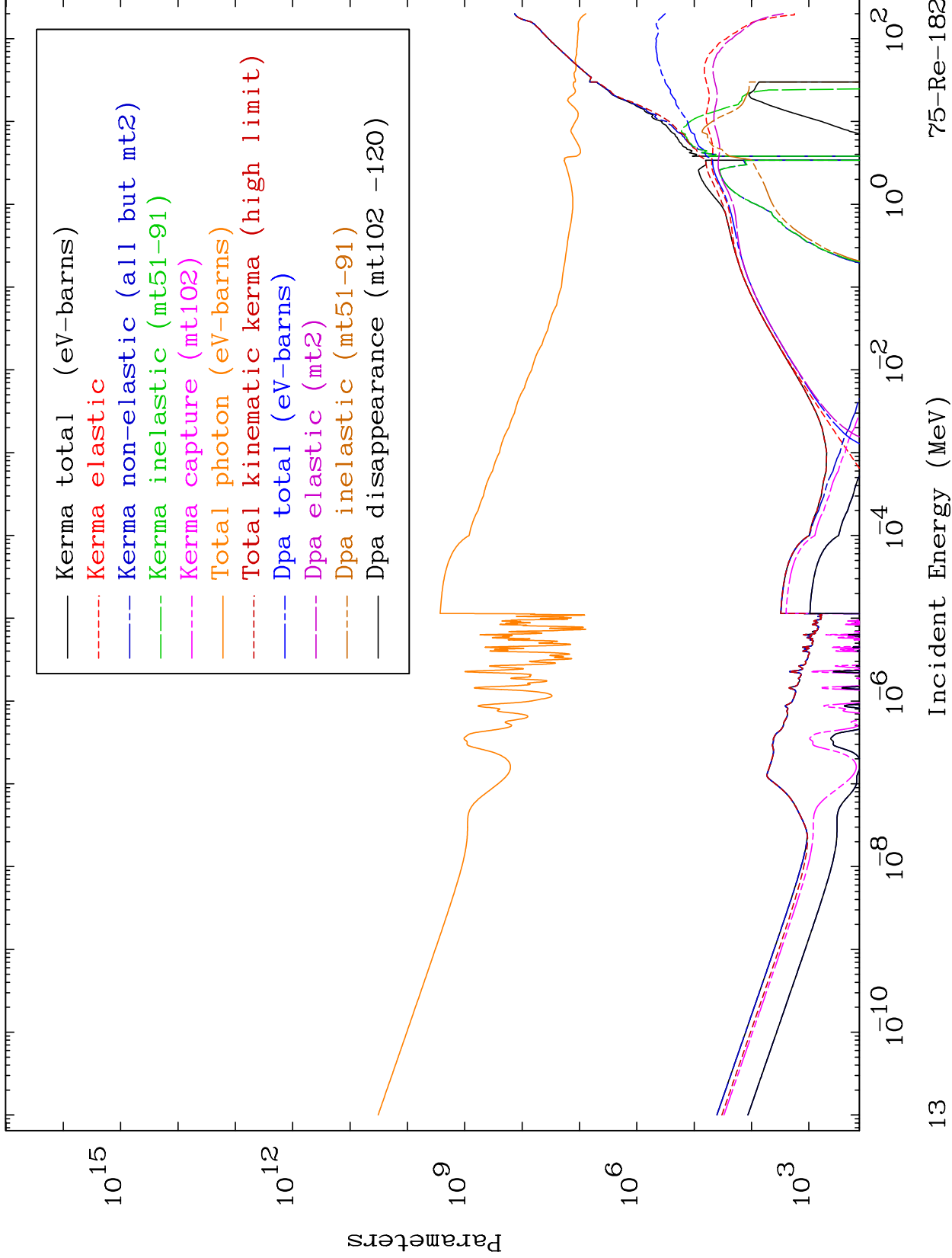
75-Re-182

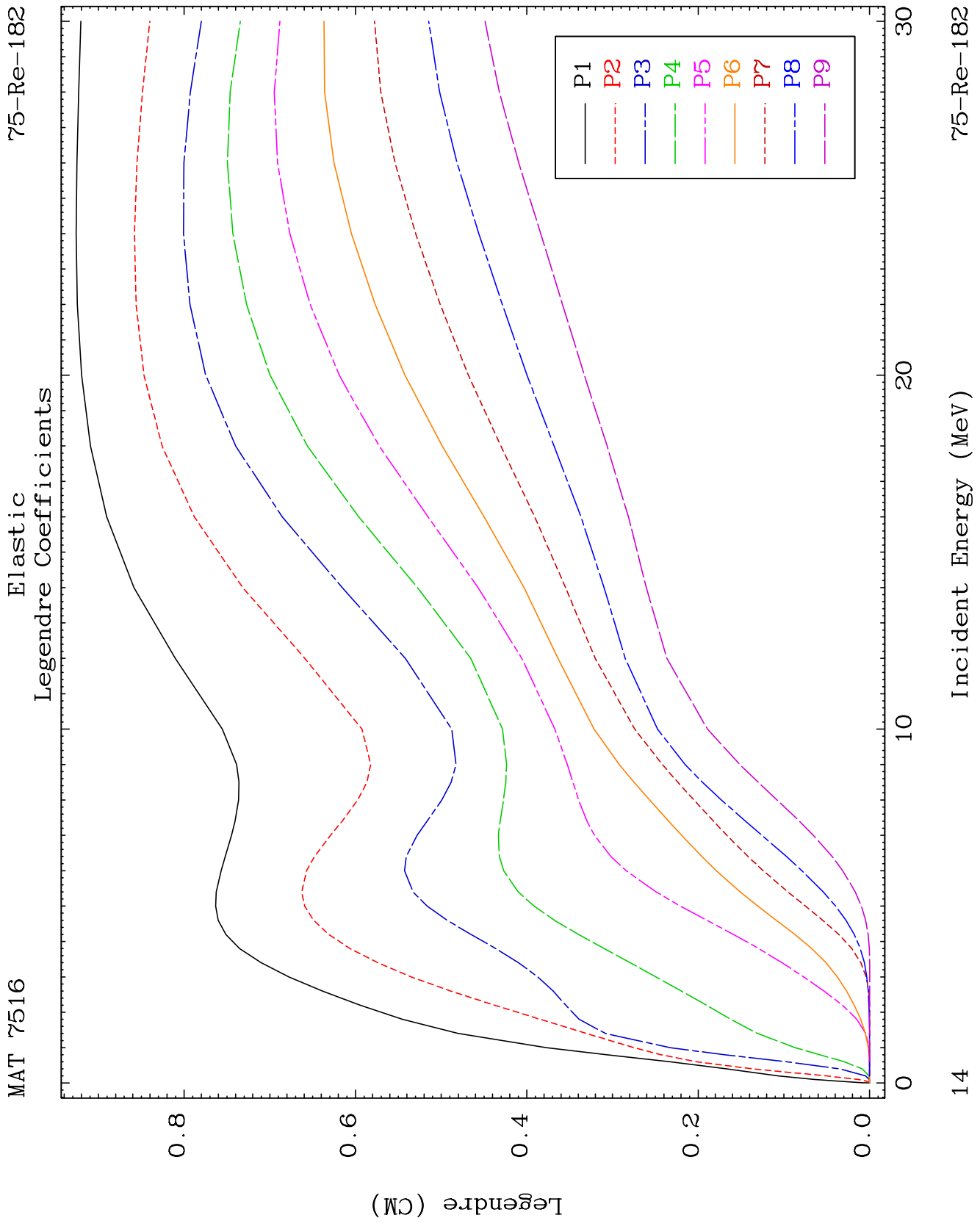


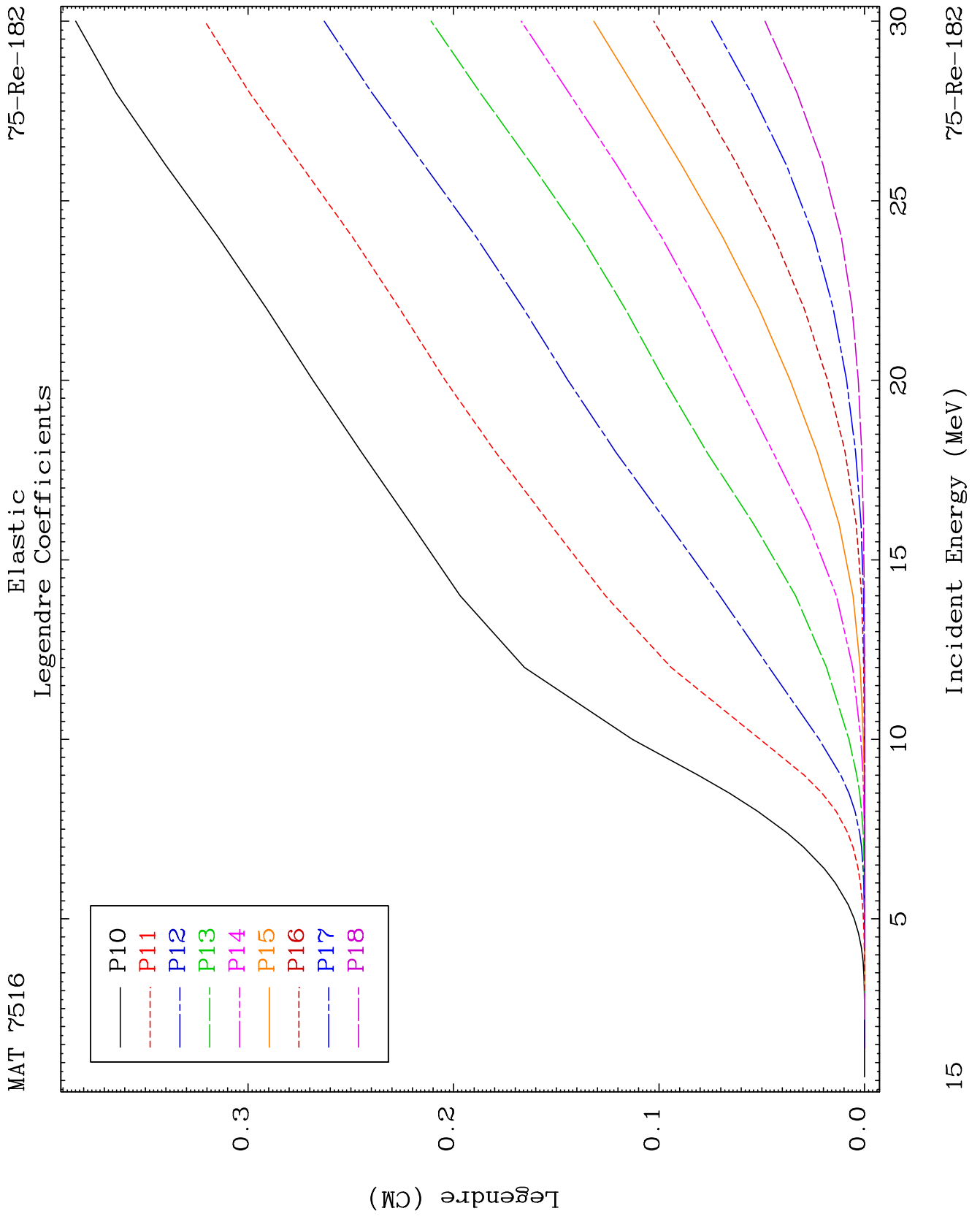
12

Incident Energy (MeV)

75-Re-182



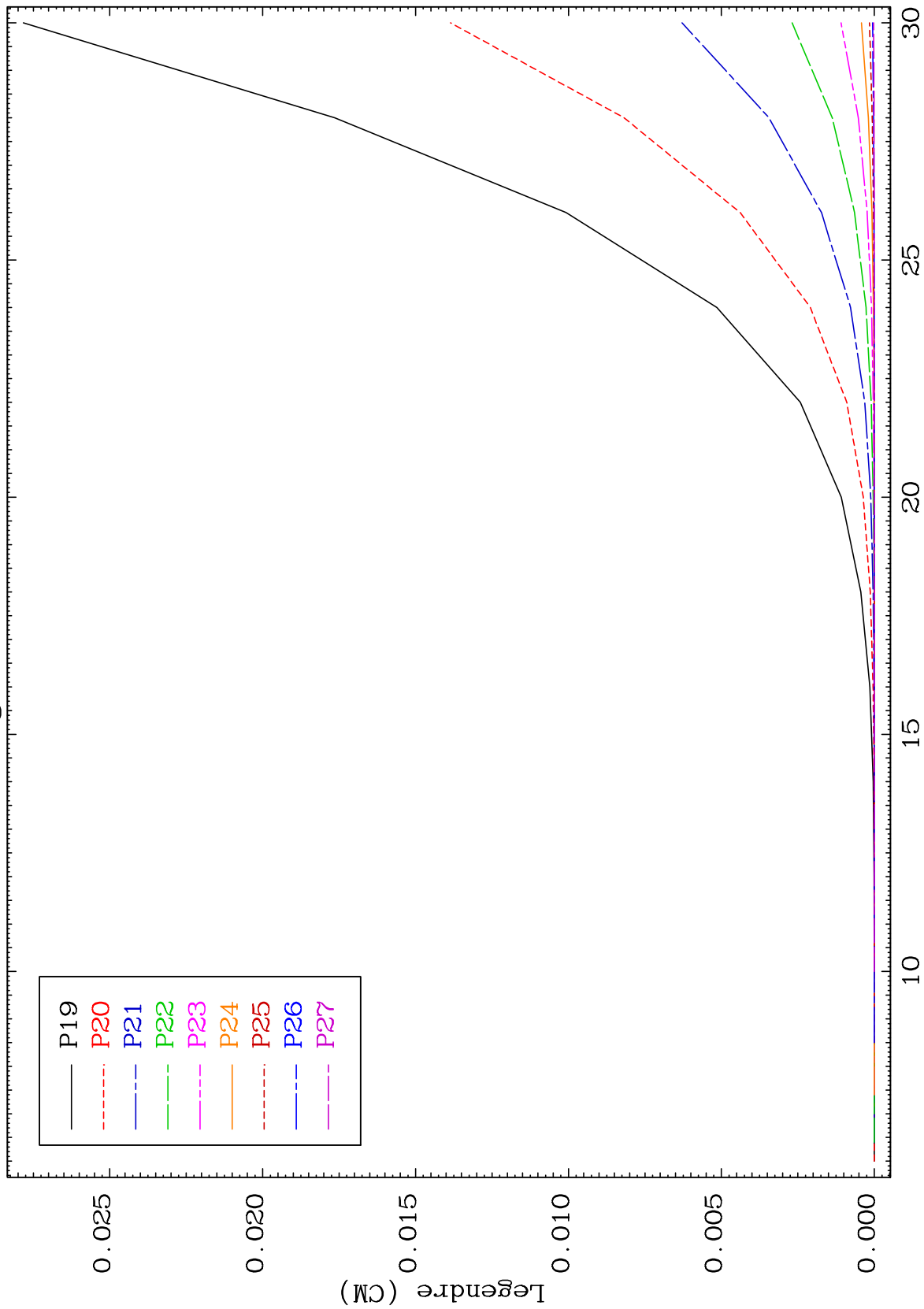




MAT 7516

Elastic Legendre Coefficients

75-Re-182



16

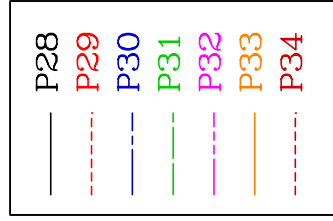
Incident Energy (MeV)

75-Re-182

MAT 7516

Elastic
Legendre Coefficients

75-Re-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

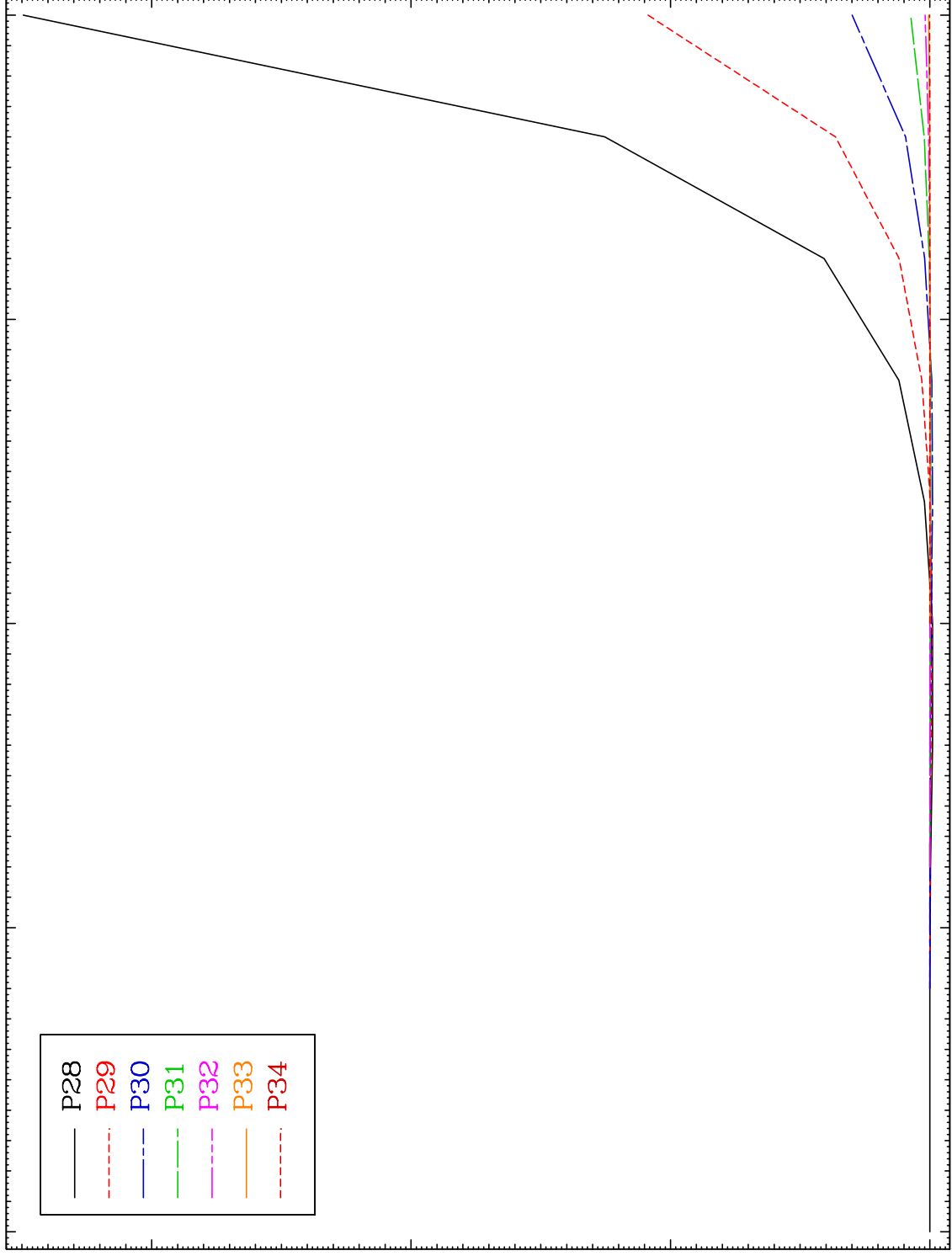
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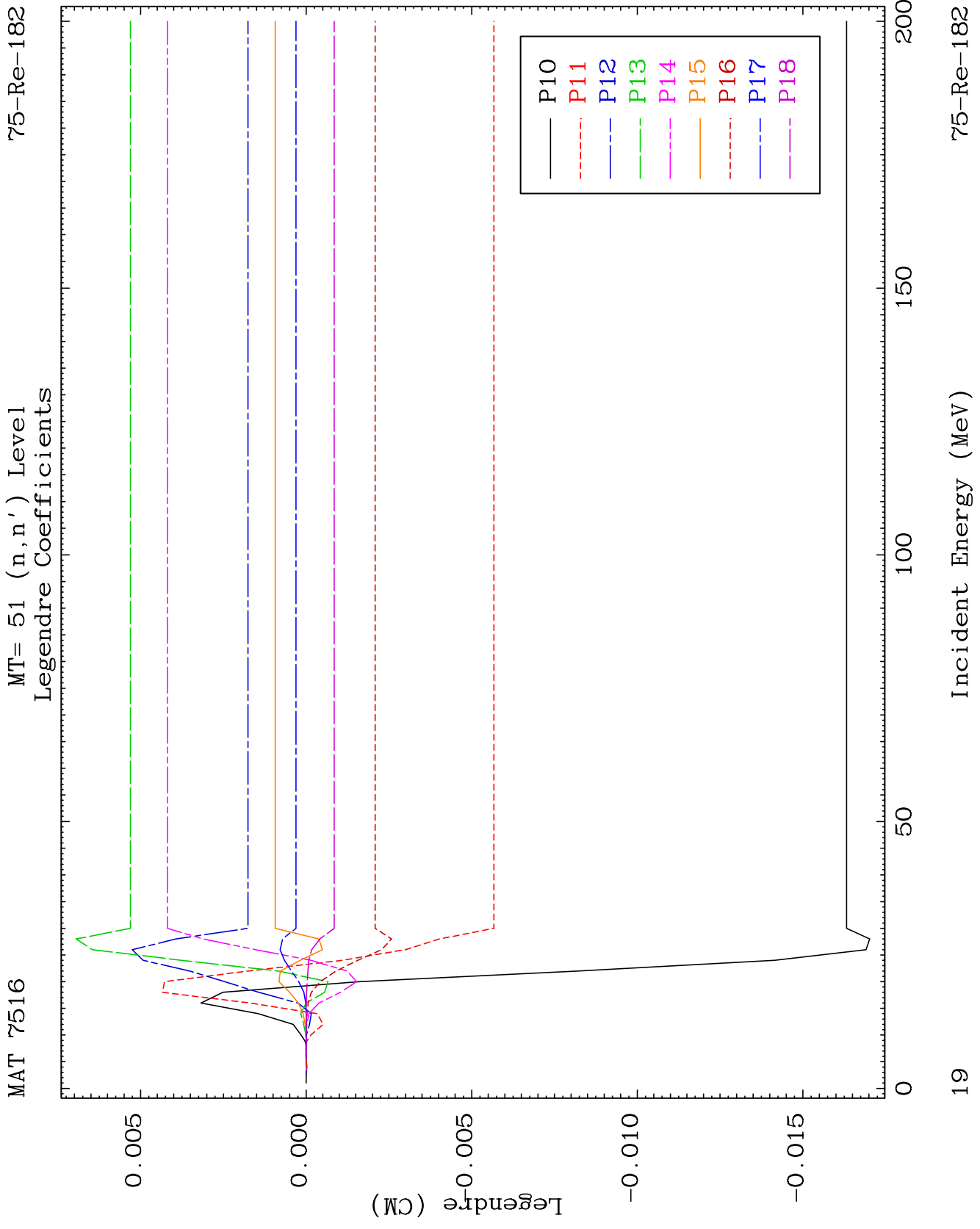
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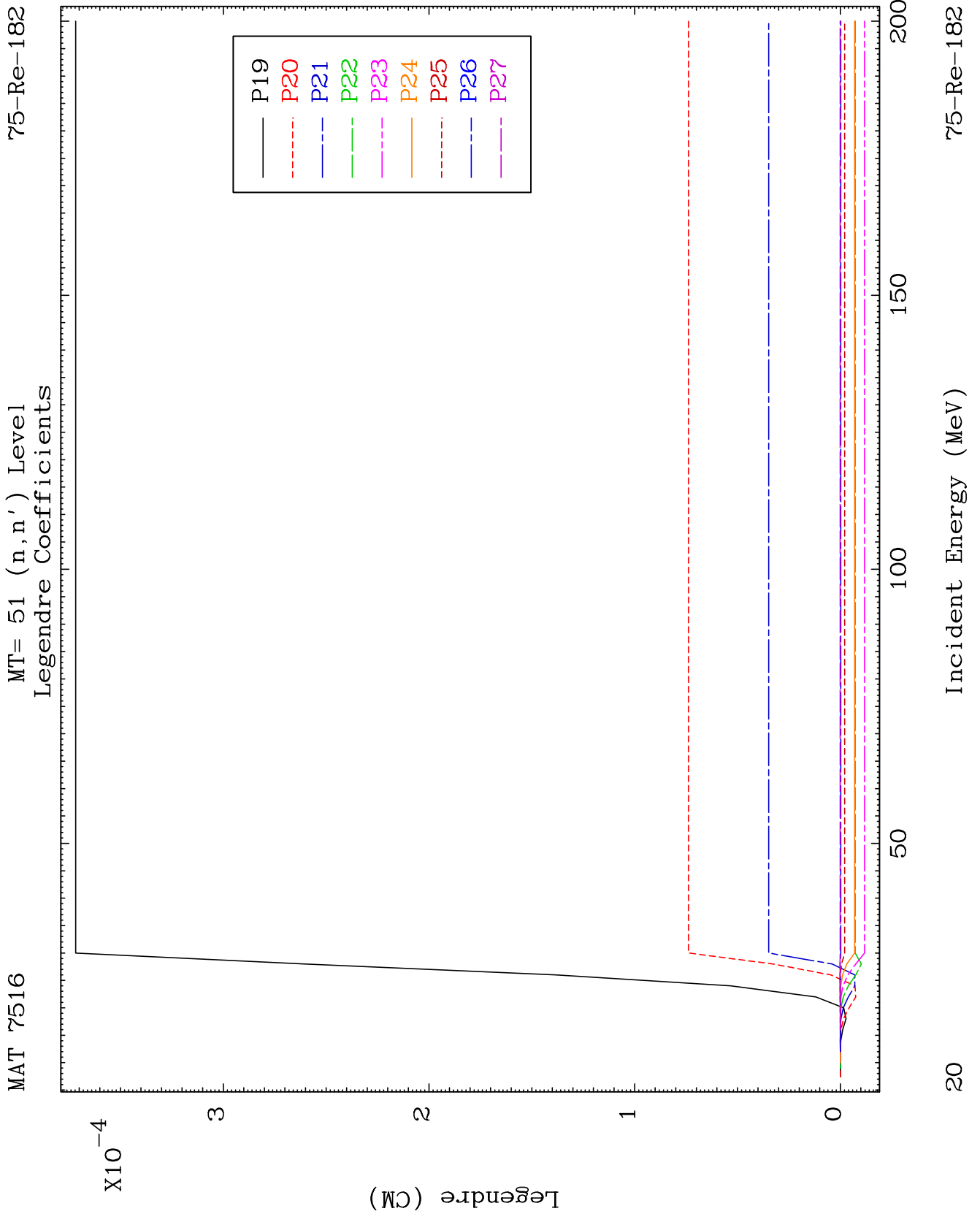
17

Incident Energy (MeV)

75-Re-182



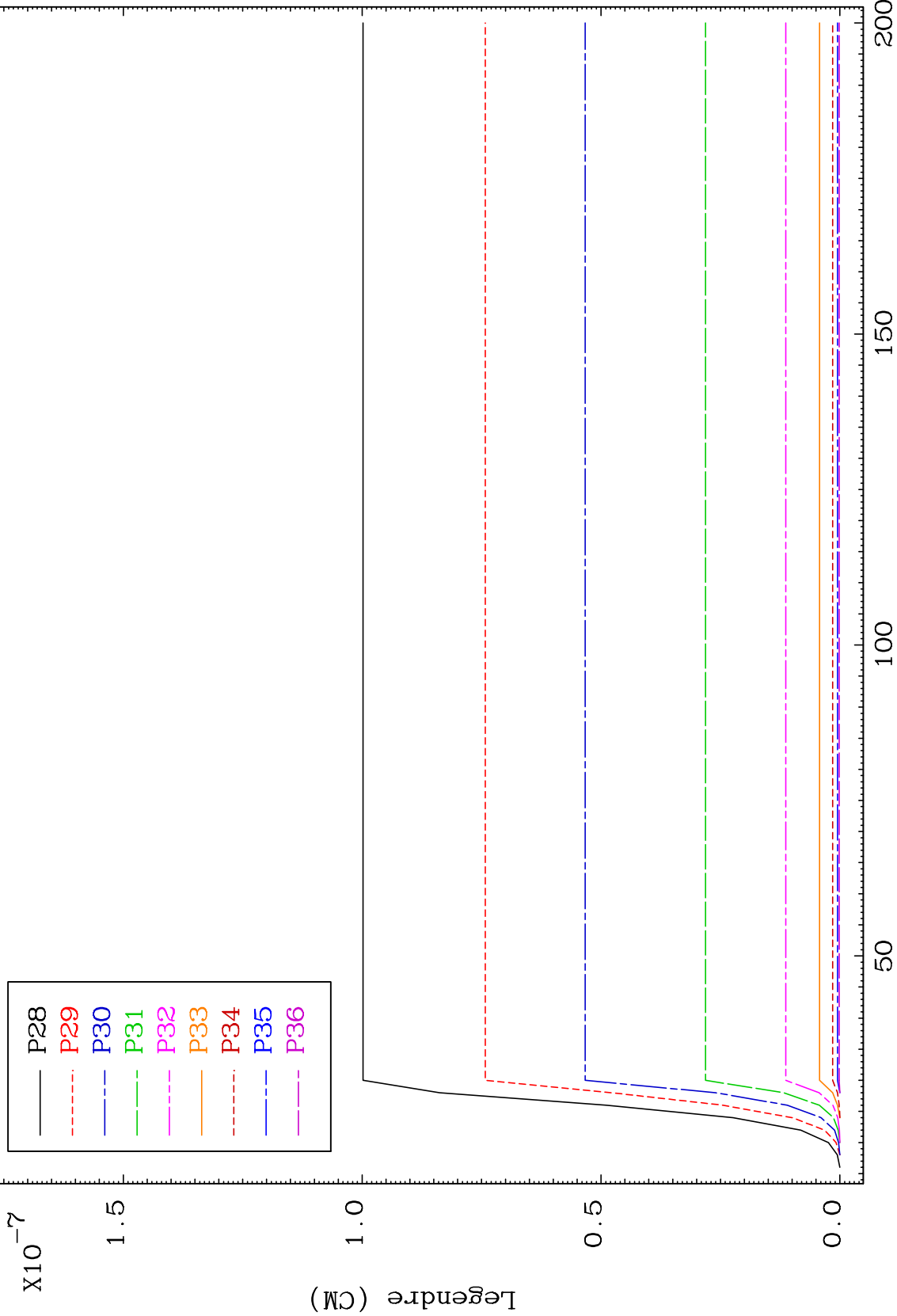
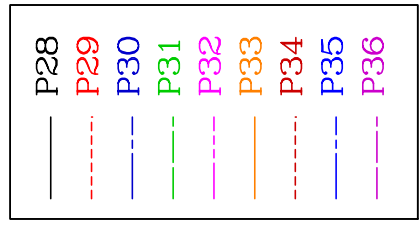




MAT 7516

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

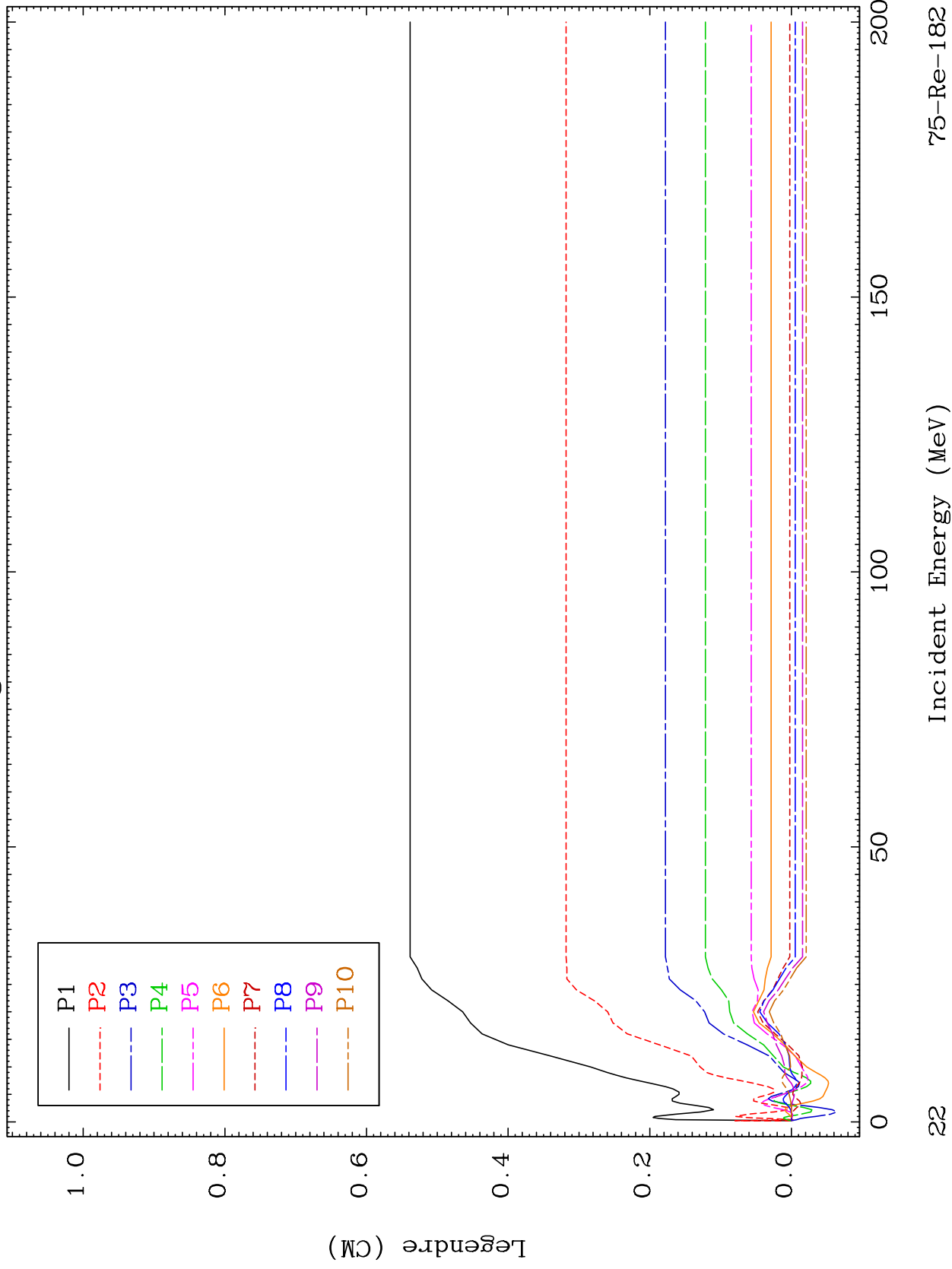
75-Re-182



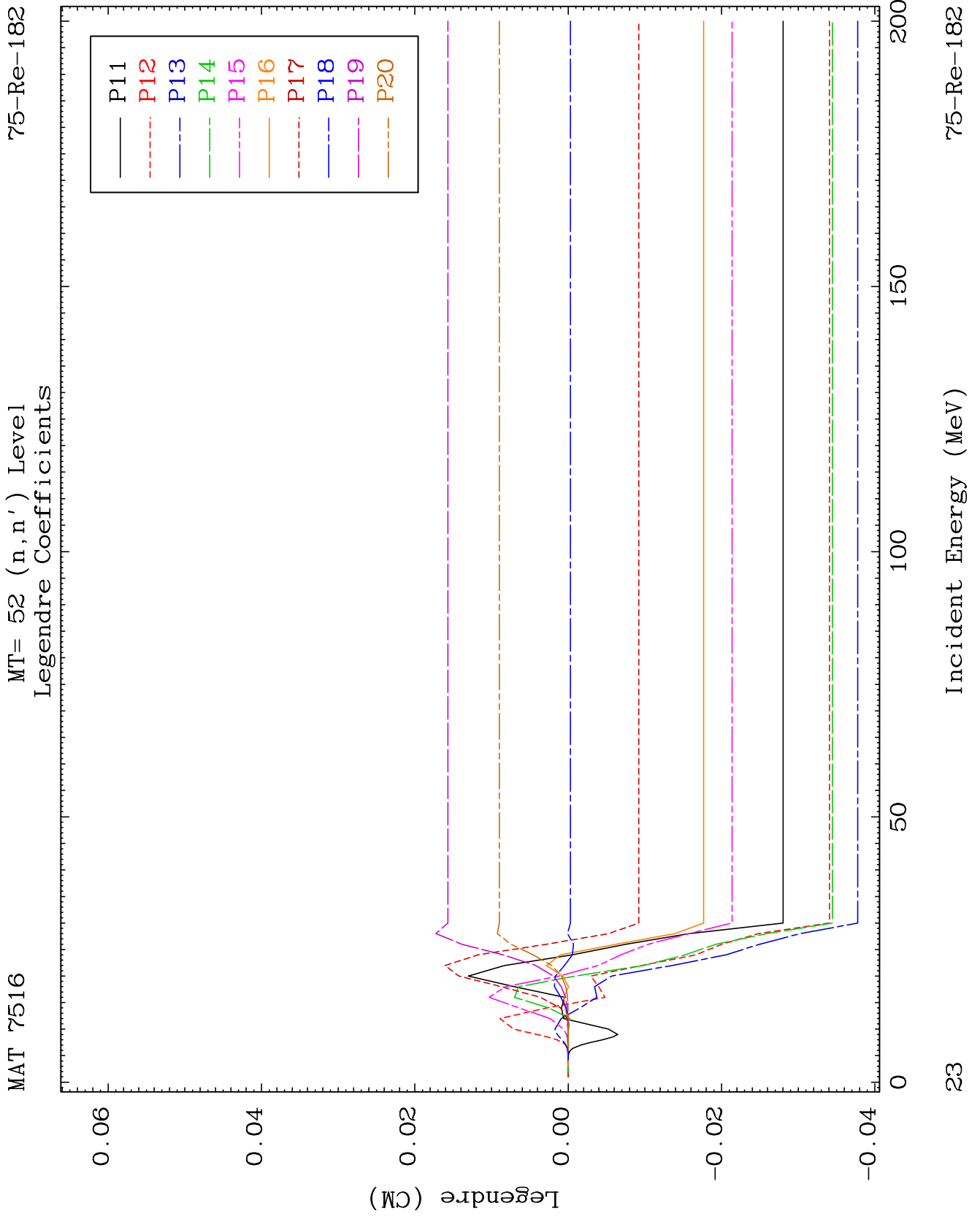
MAT 7516

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

75-Re-182



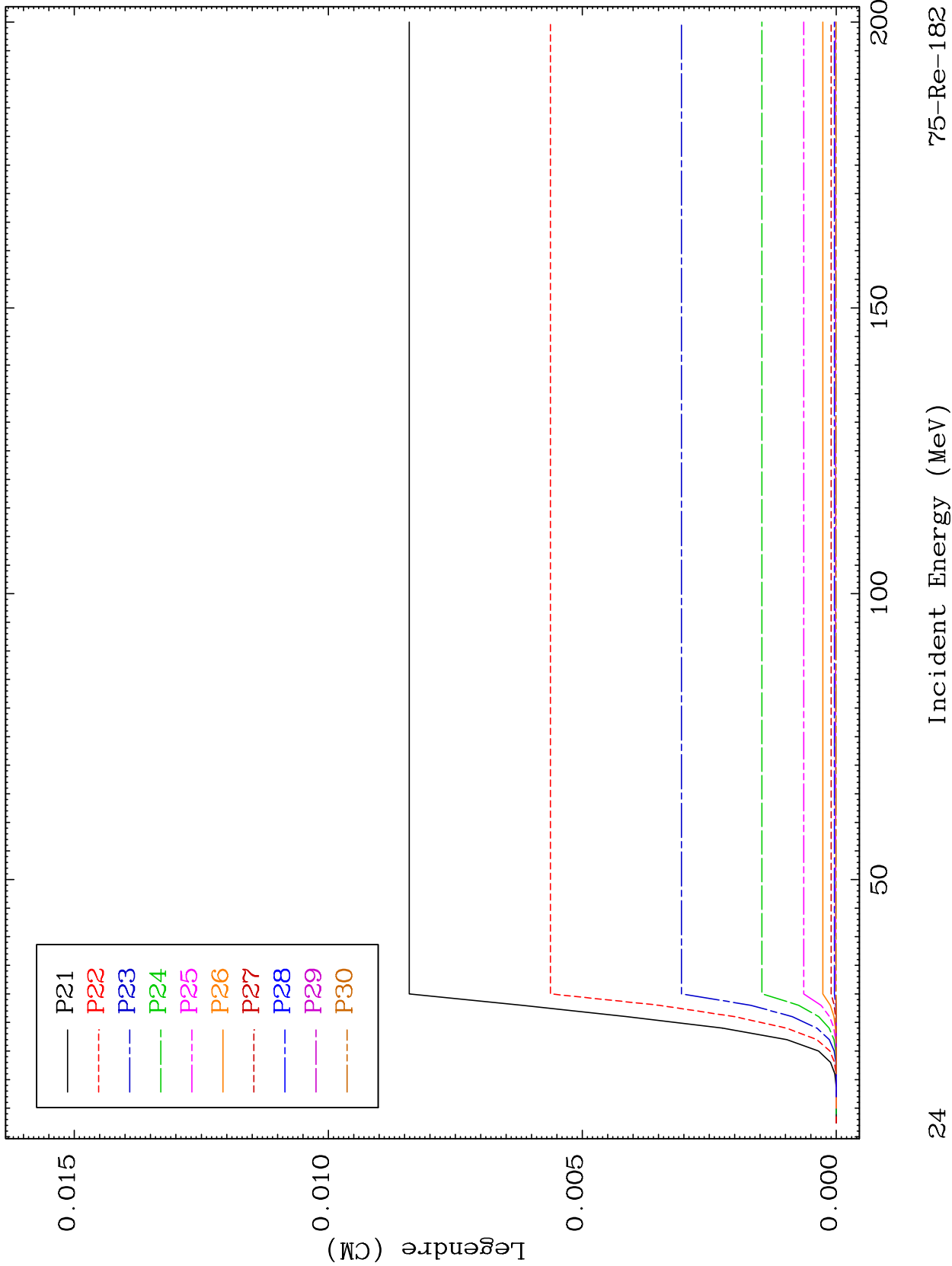
22



MAT 7516

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

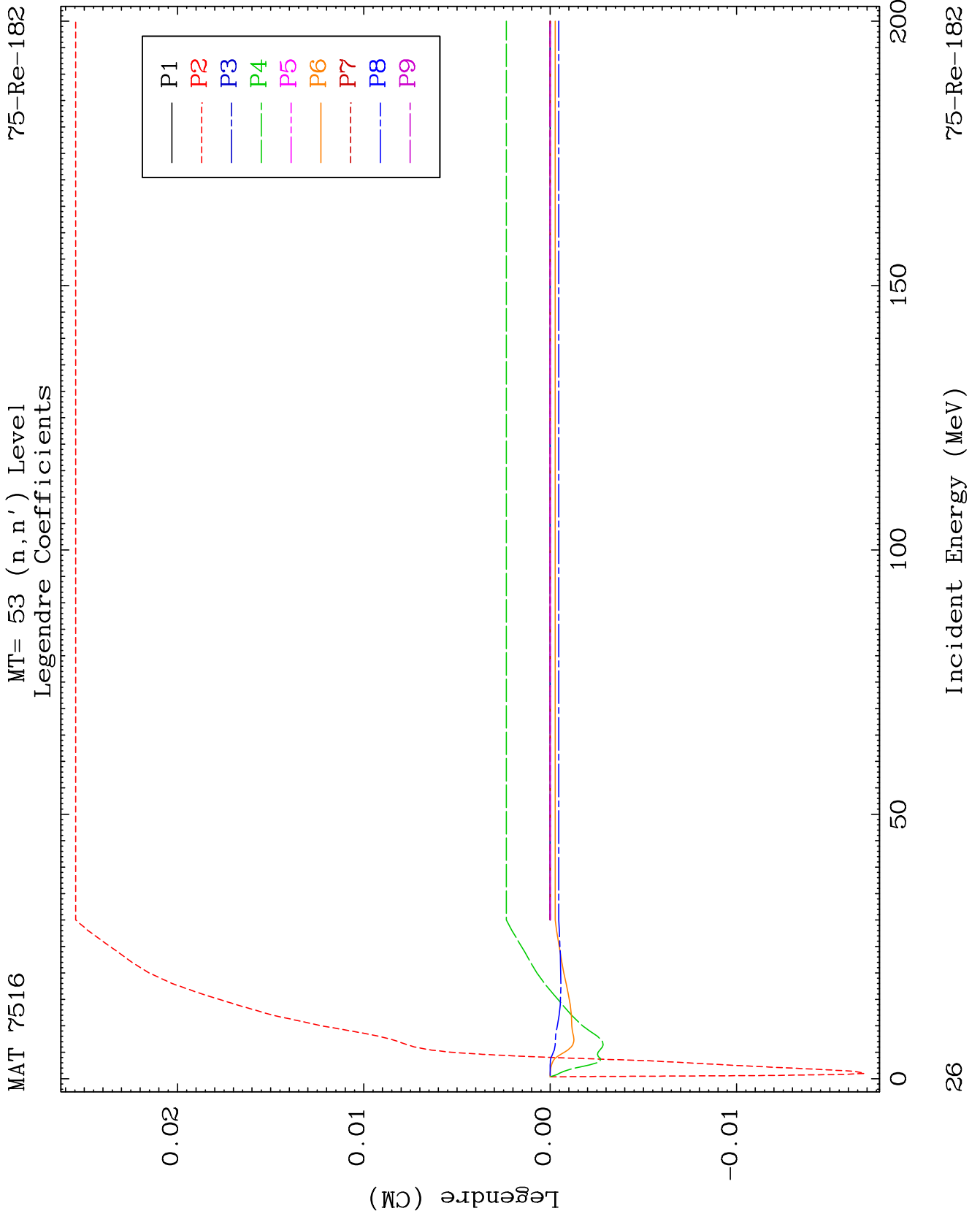
75-Re-182



24

Incident Energy (MeV)

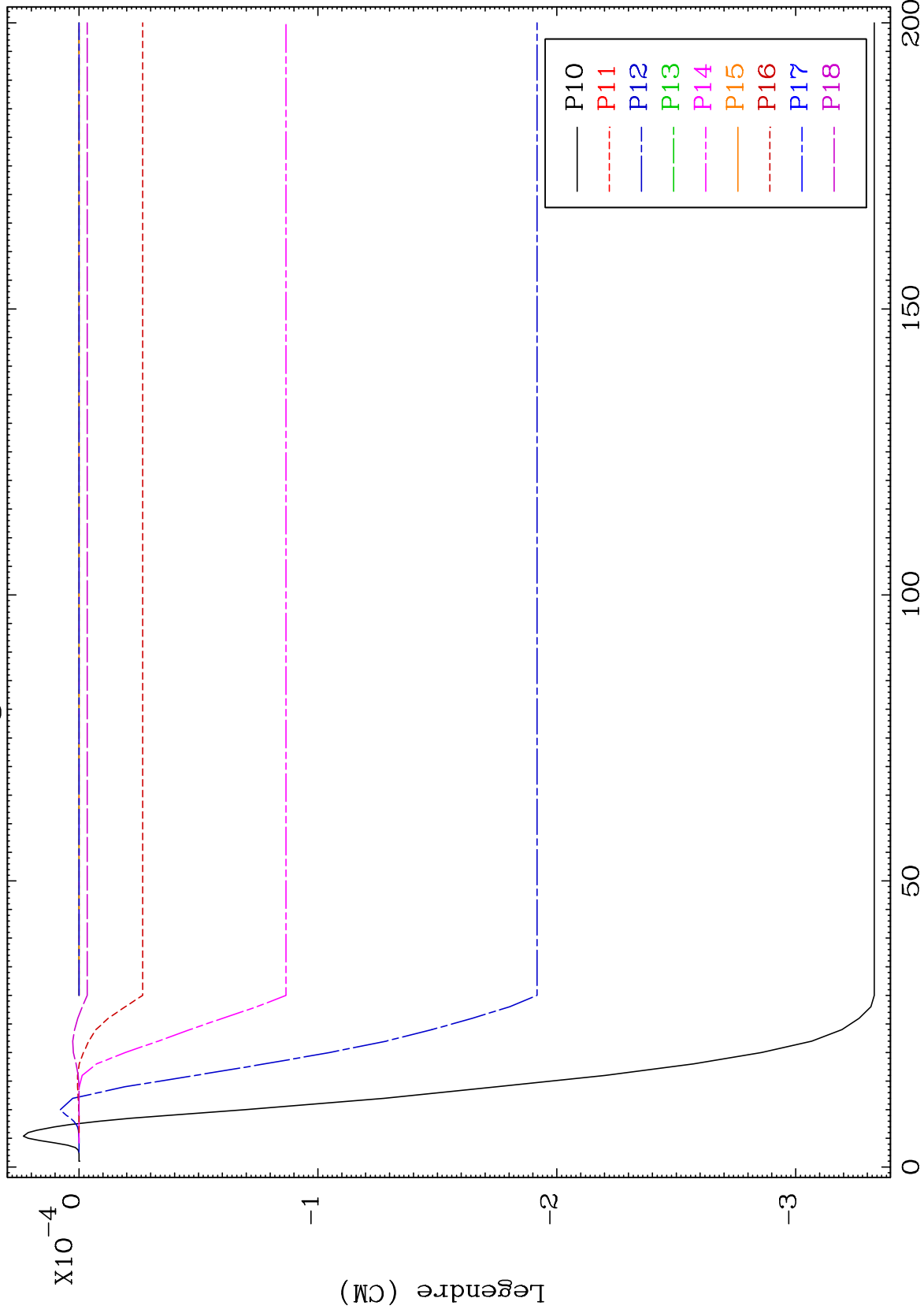
75-Re-182



MAT 7516

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

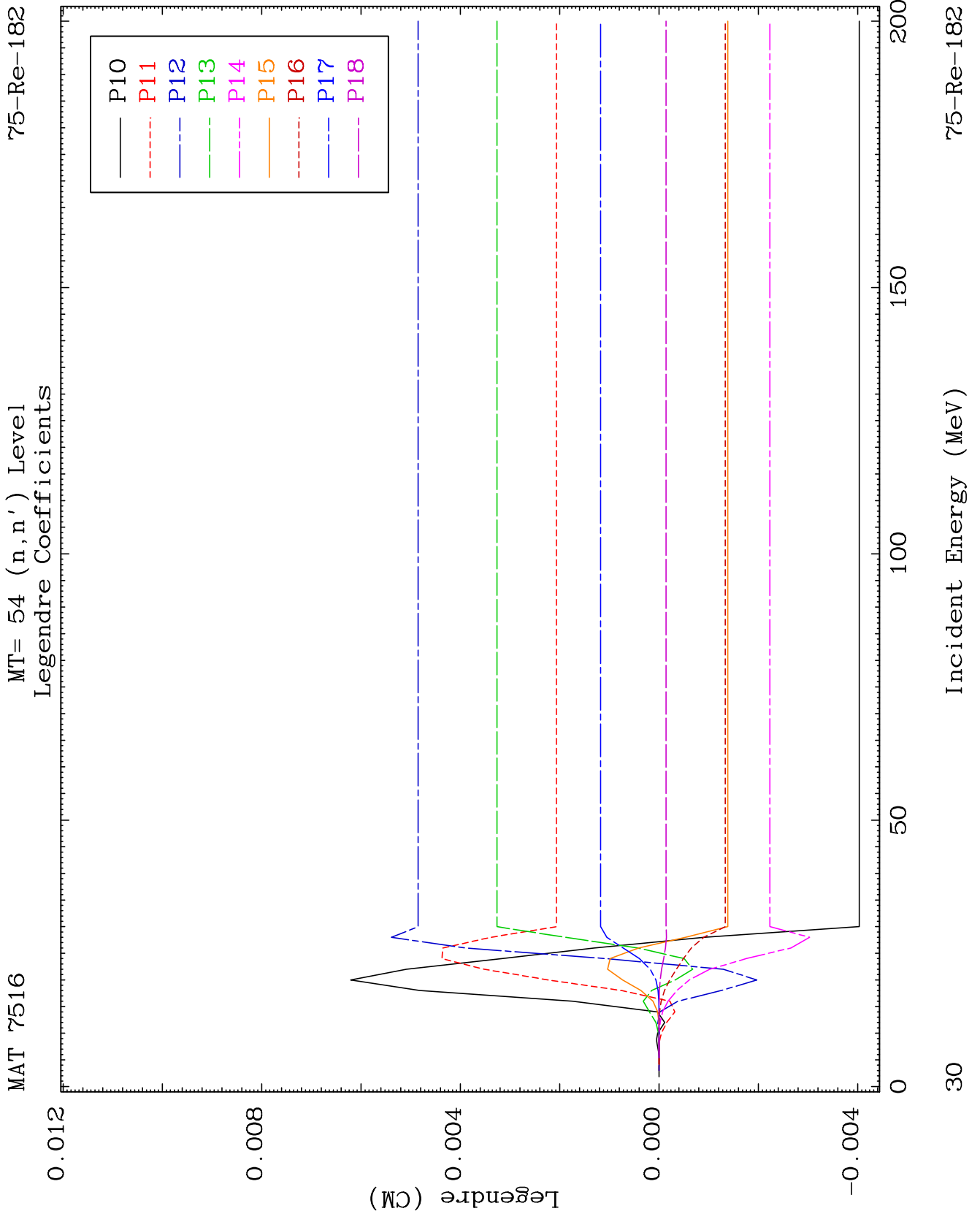
75-Re-182



27

Incident Energy (MeV)

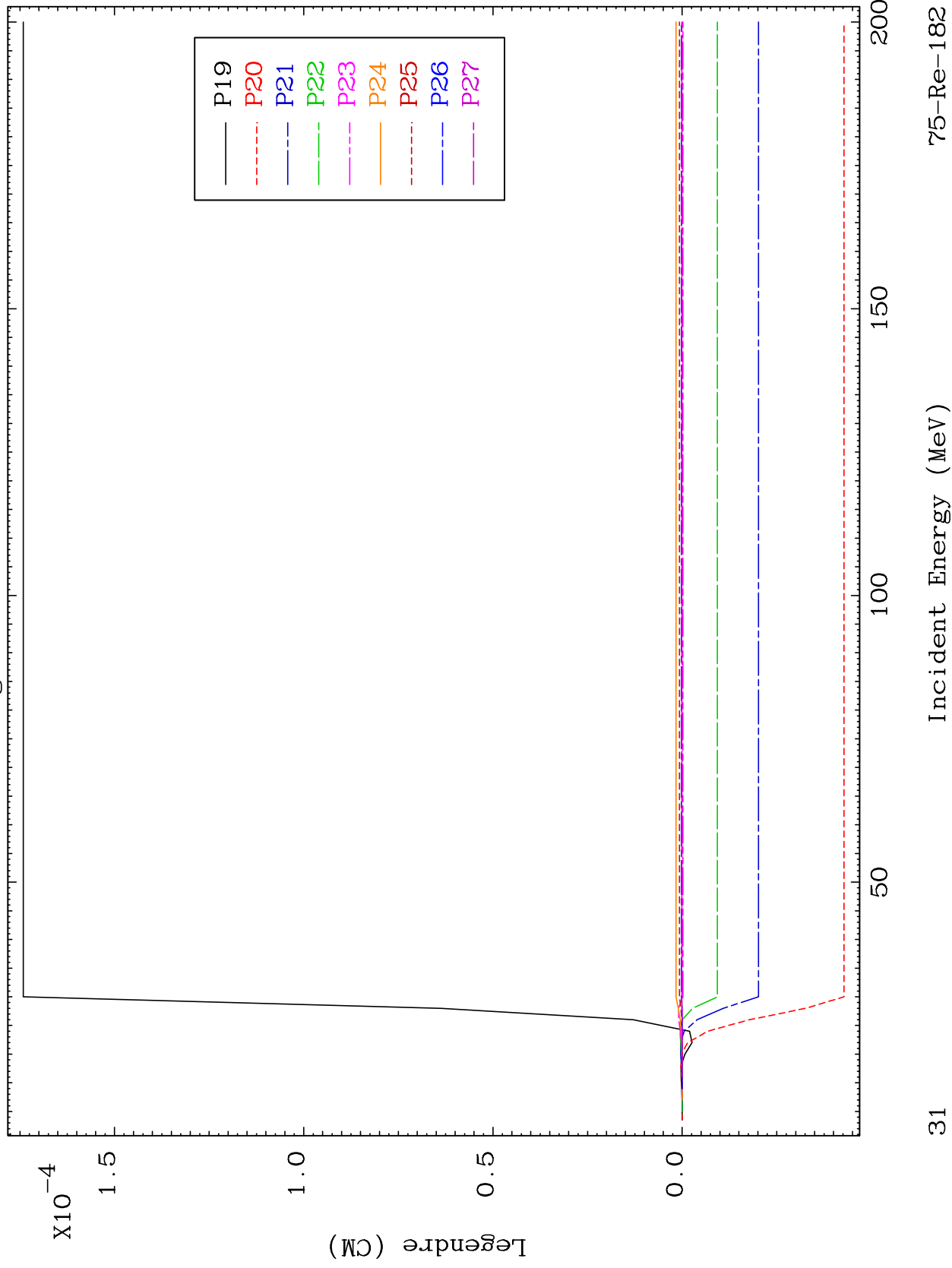
75-Re-182



MAT 7516

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

75-Re-182



31

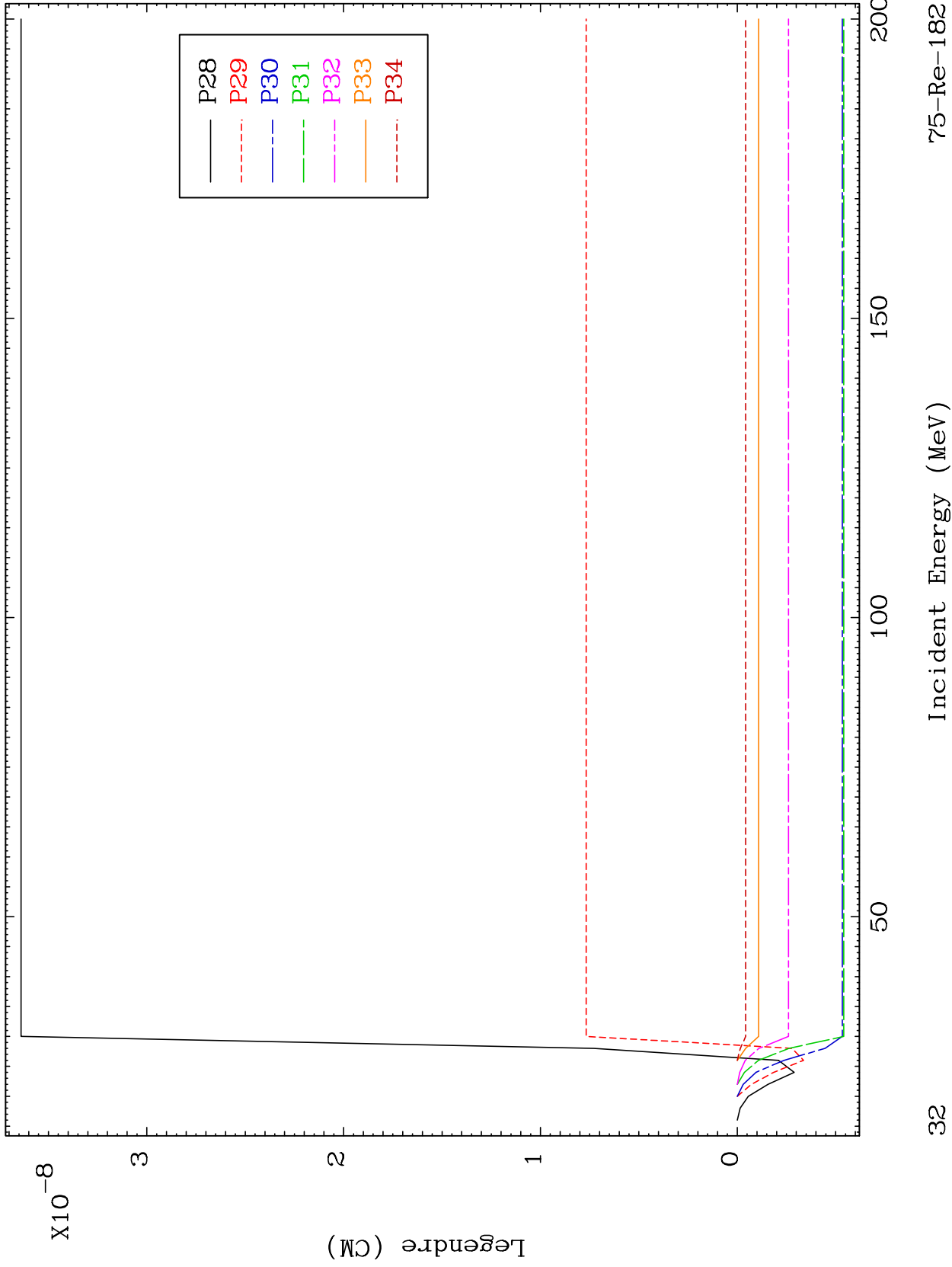
Incident Energy (MeV)

75-Re-182

MAT 7516

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

75-Re-182

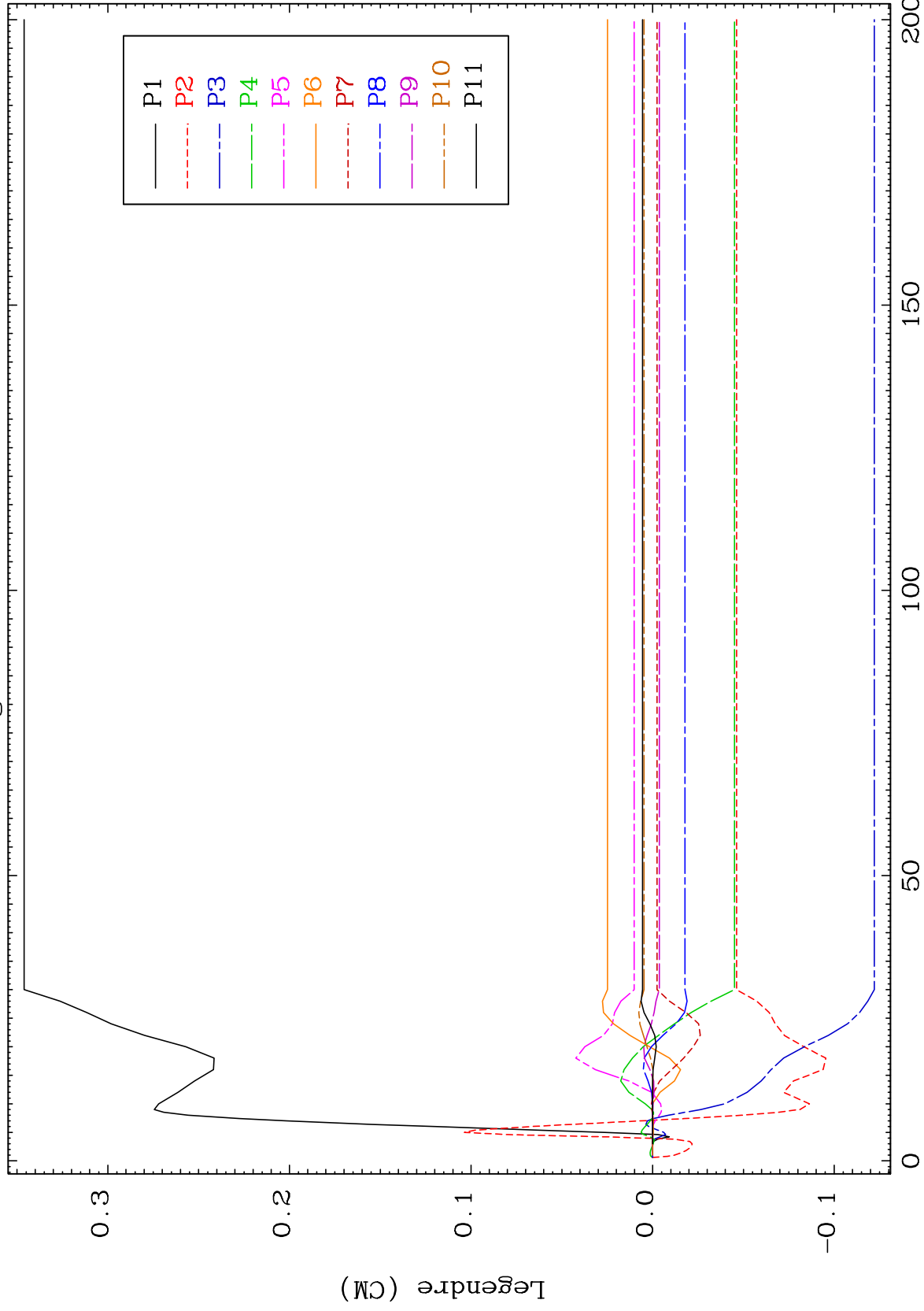


32

MAT 7516

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

75-Re-182



33

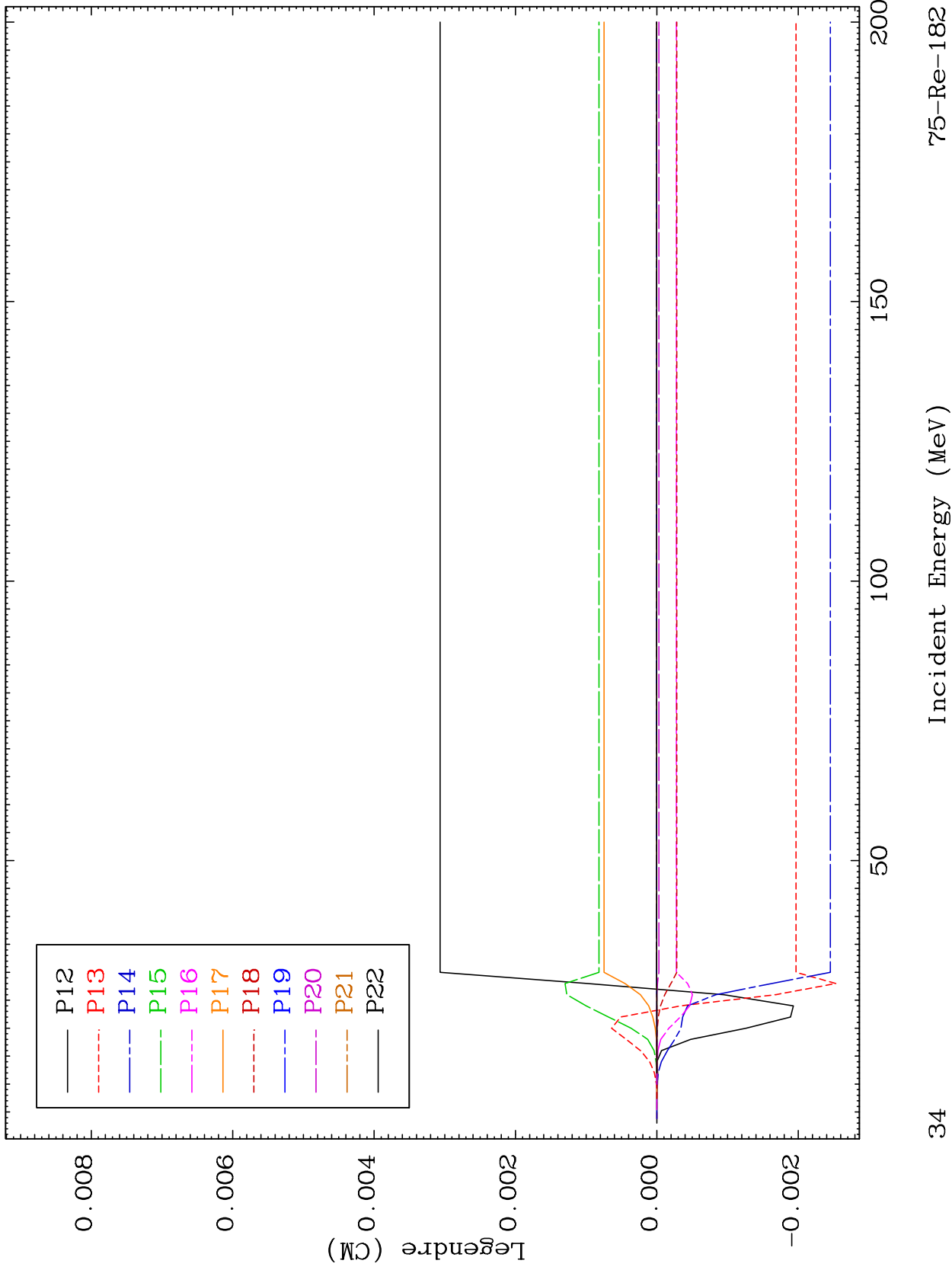
Incident Energy (MeV)

75-Re-182

MAT 7516

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

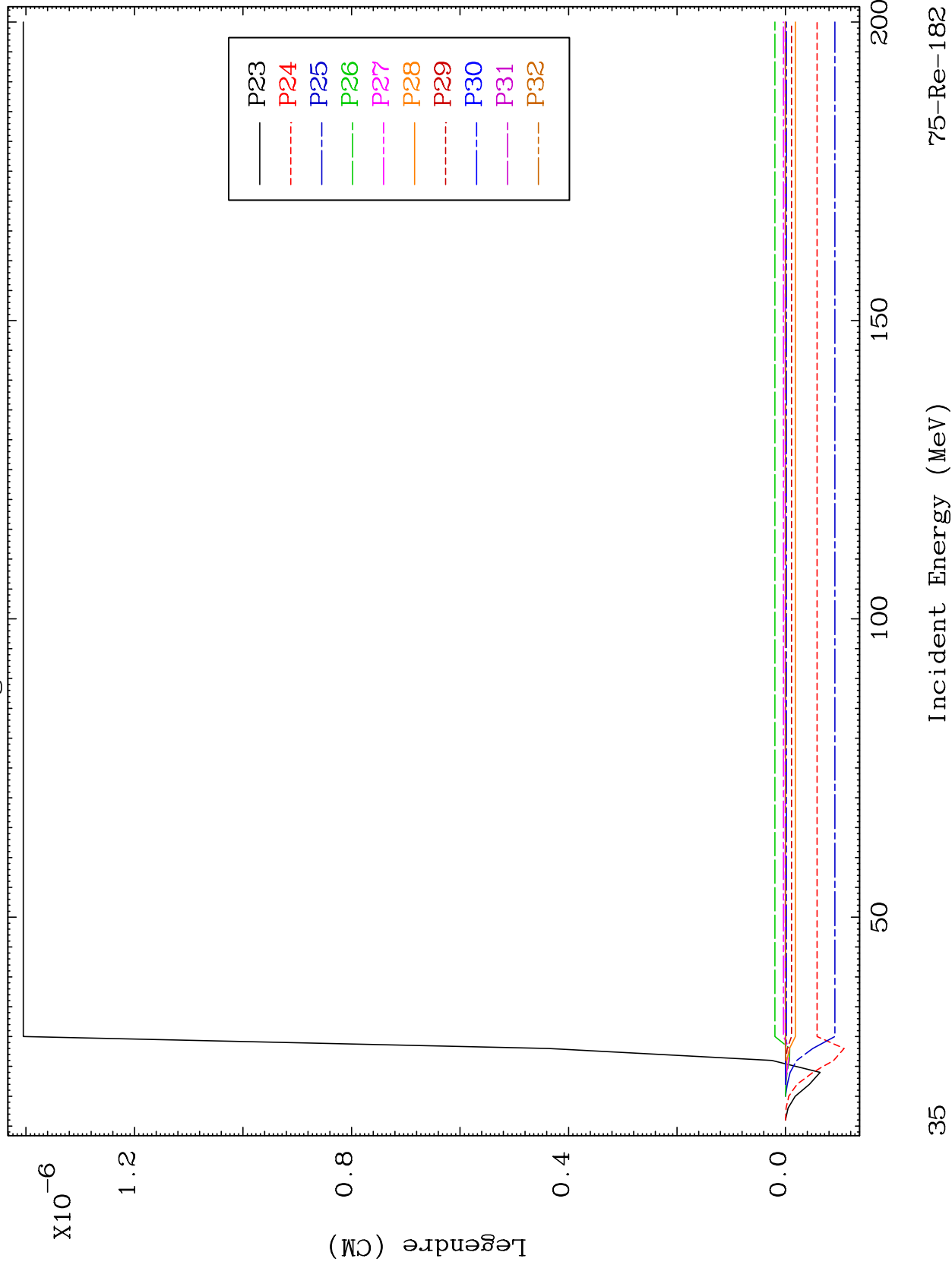
75-Re-182



MAT 7516

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

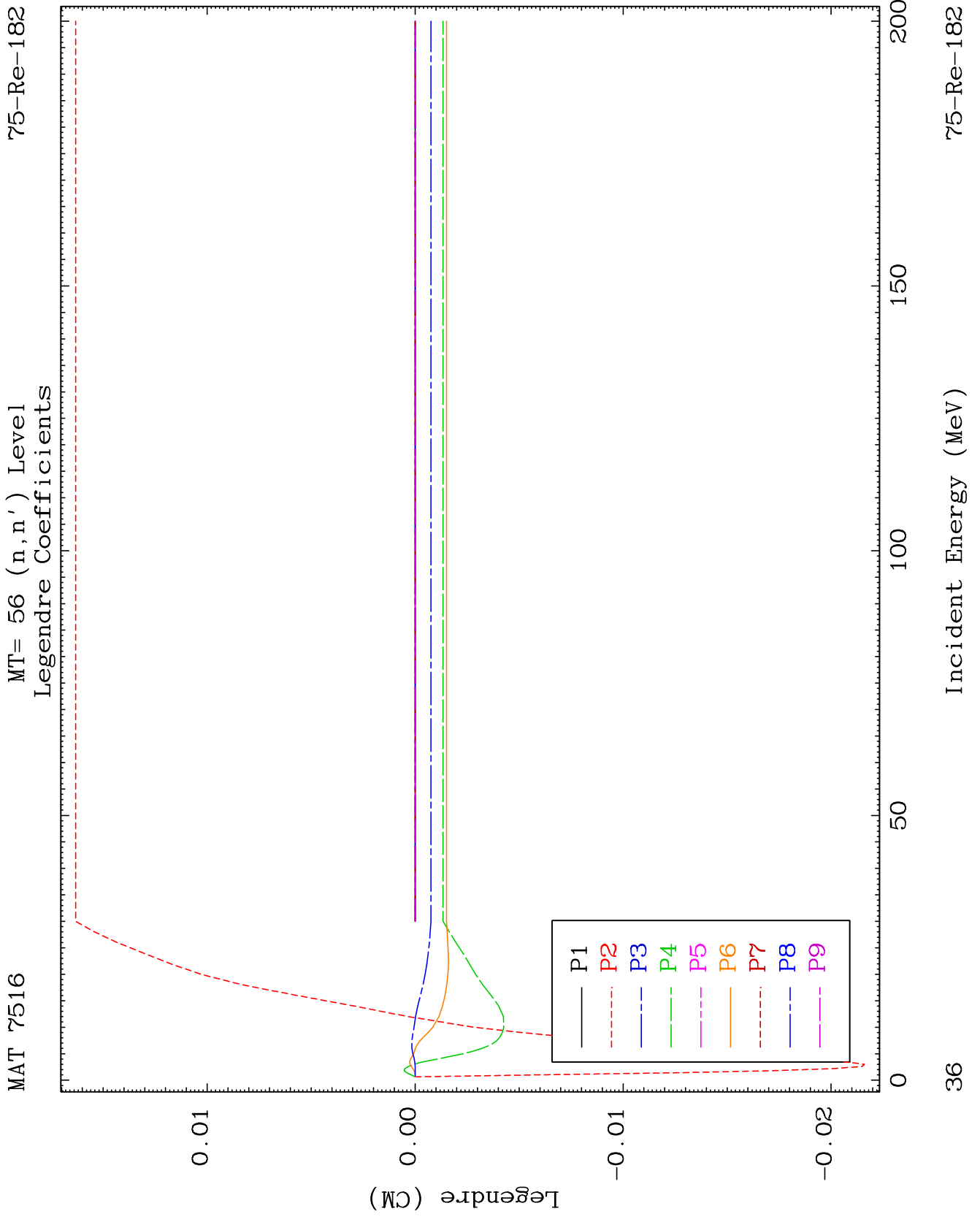
75-Re-182



75-Re-182

Incident Energy (MeV)

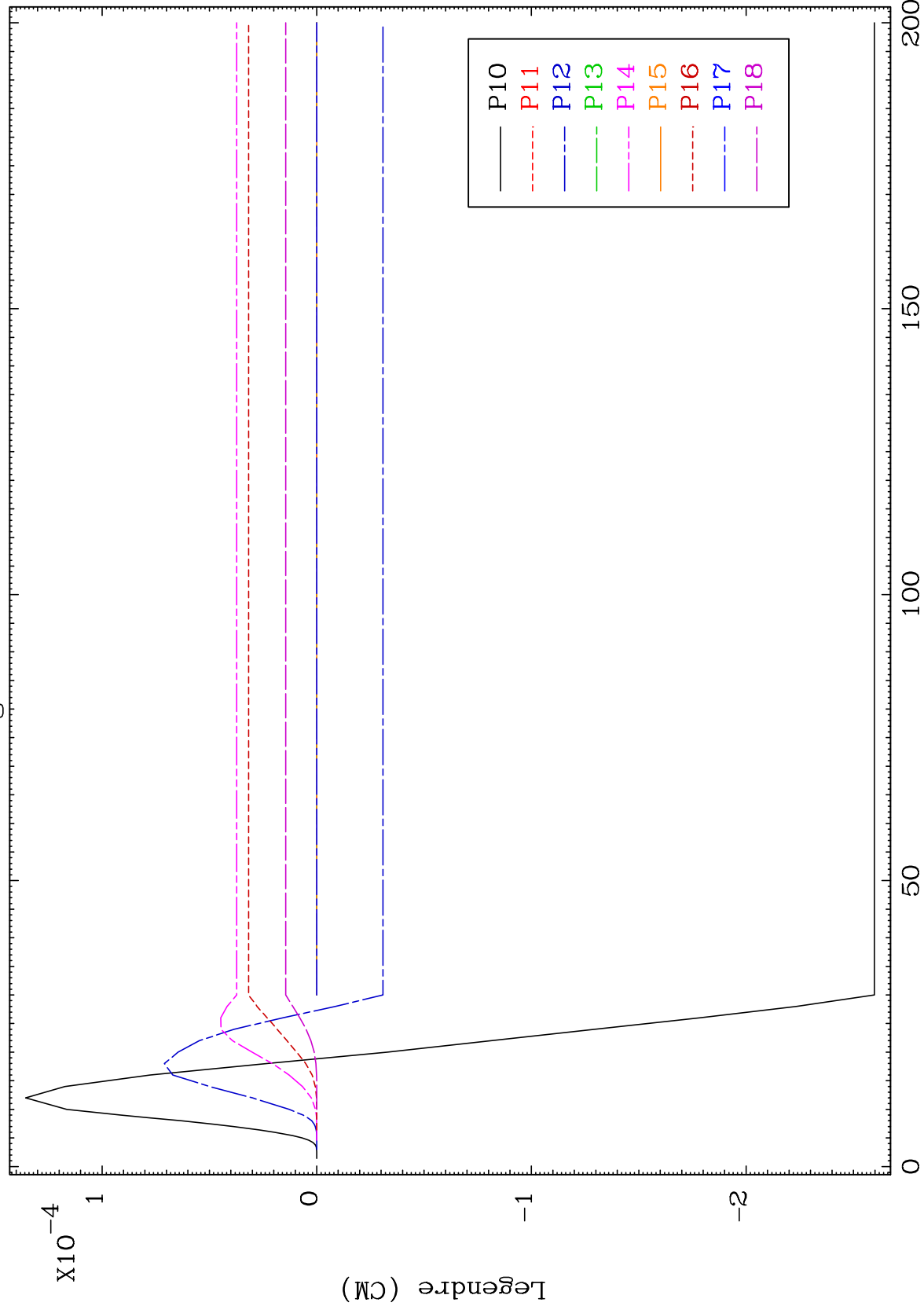
35



MAT 7516

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

75-Re-182



37

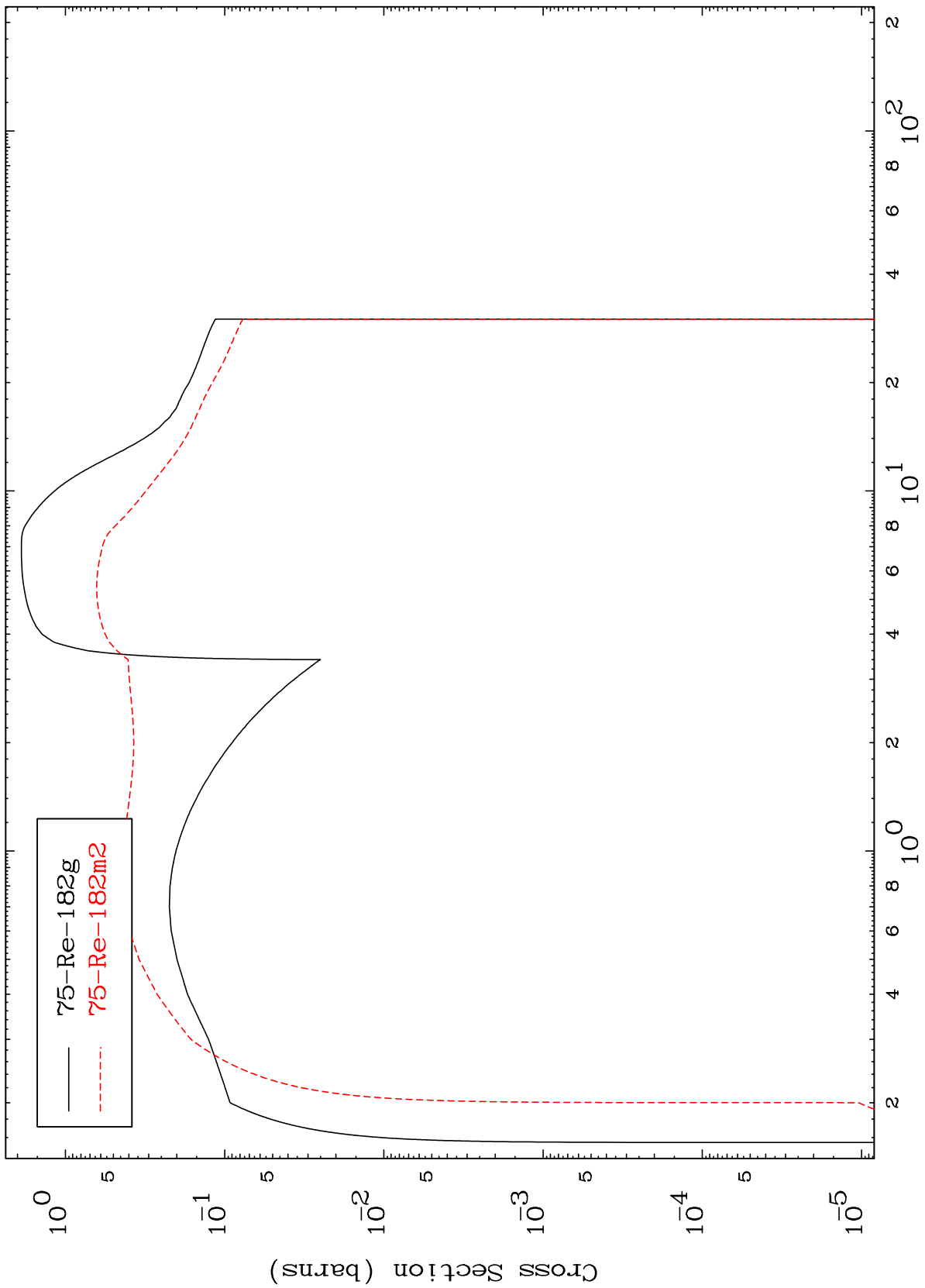
Incident Energy (MeV)

75-Re-182

MAT 7516

75-Re-182

Inelastic
Radionuclide Production Cross Section



39

Incident Energy (MeV)

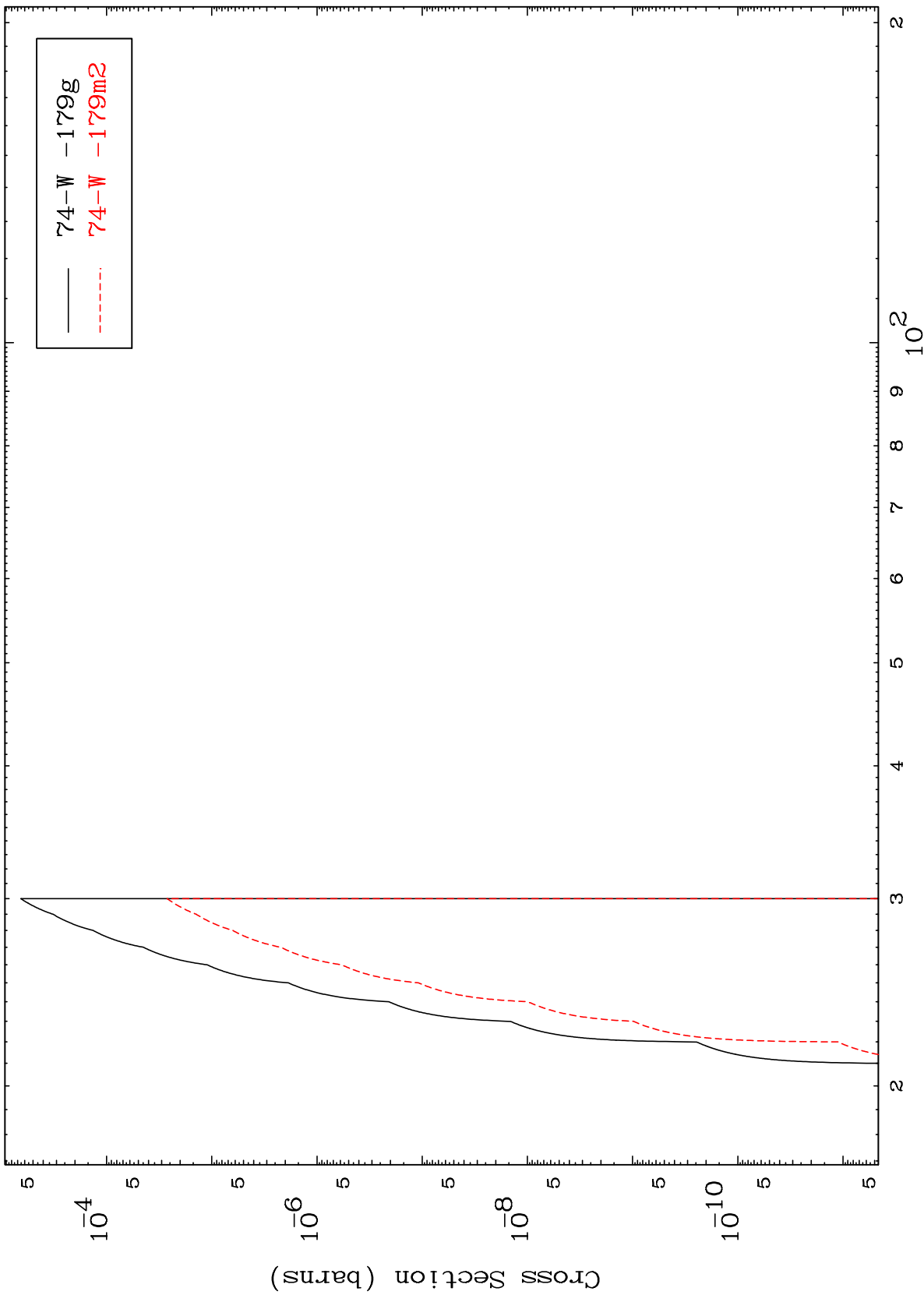
75-Re-182

MAT 7516

(n,2n) d

75-Re-182

Radionuclide Production Cross Section



40

Incident Energy (MeV)

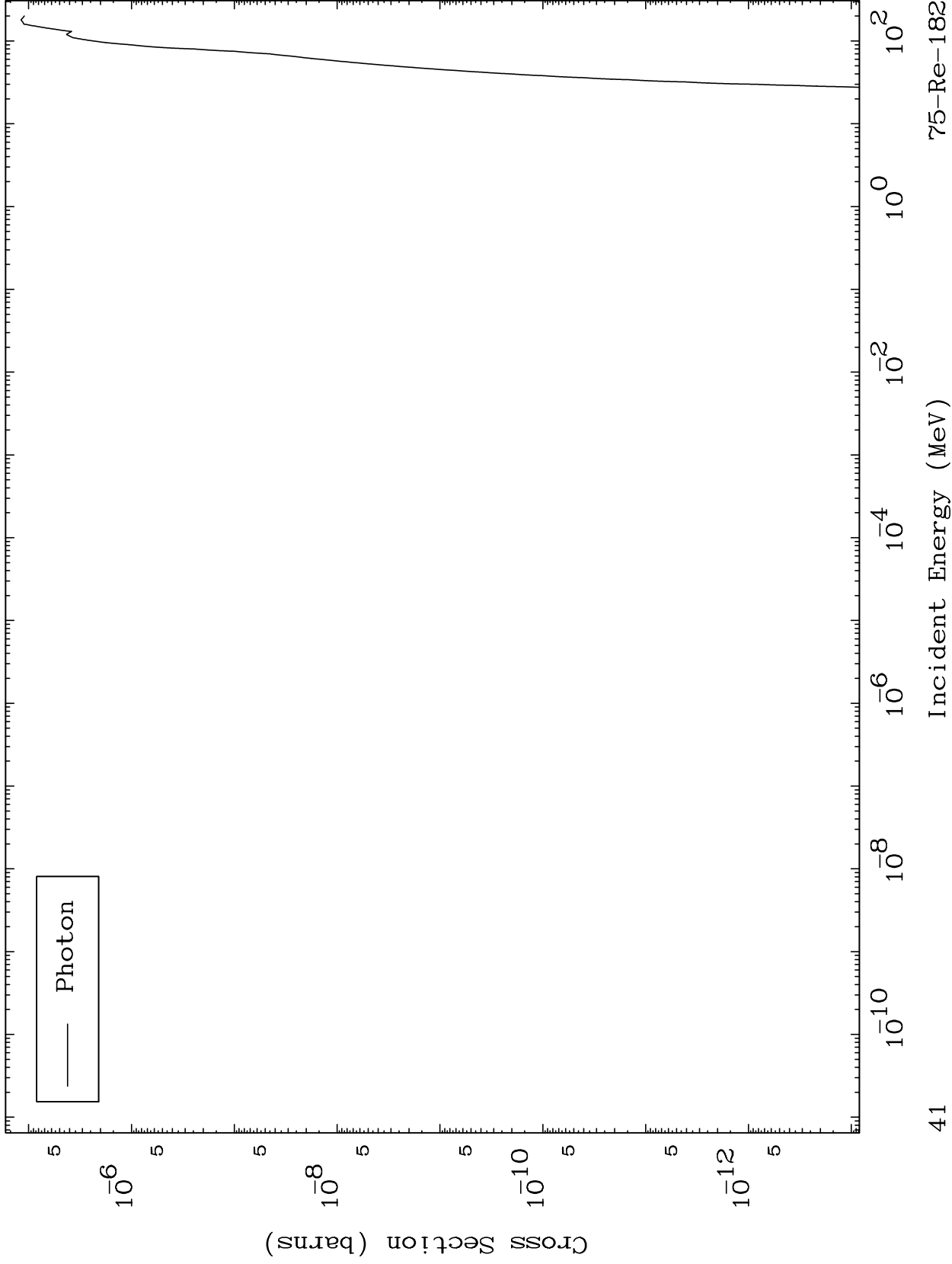
75-Re-182

MAT 7516

Fission

75-Re-182

Radionuclide Production Cross Section

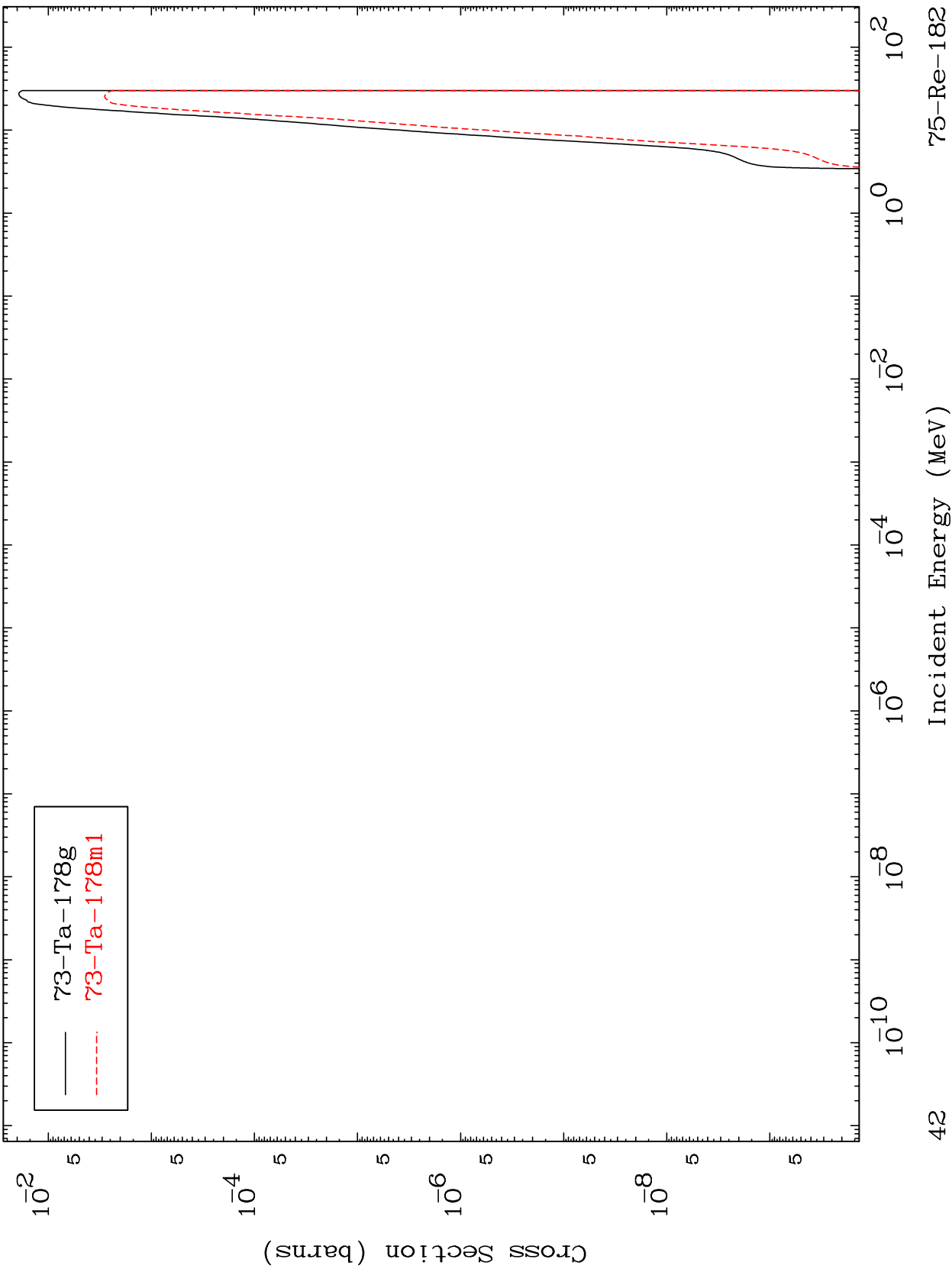


MAT 7516

$(n, n') \alpha$

⁷⁵Re-182

Radionuclide Production Cross Section

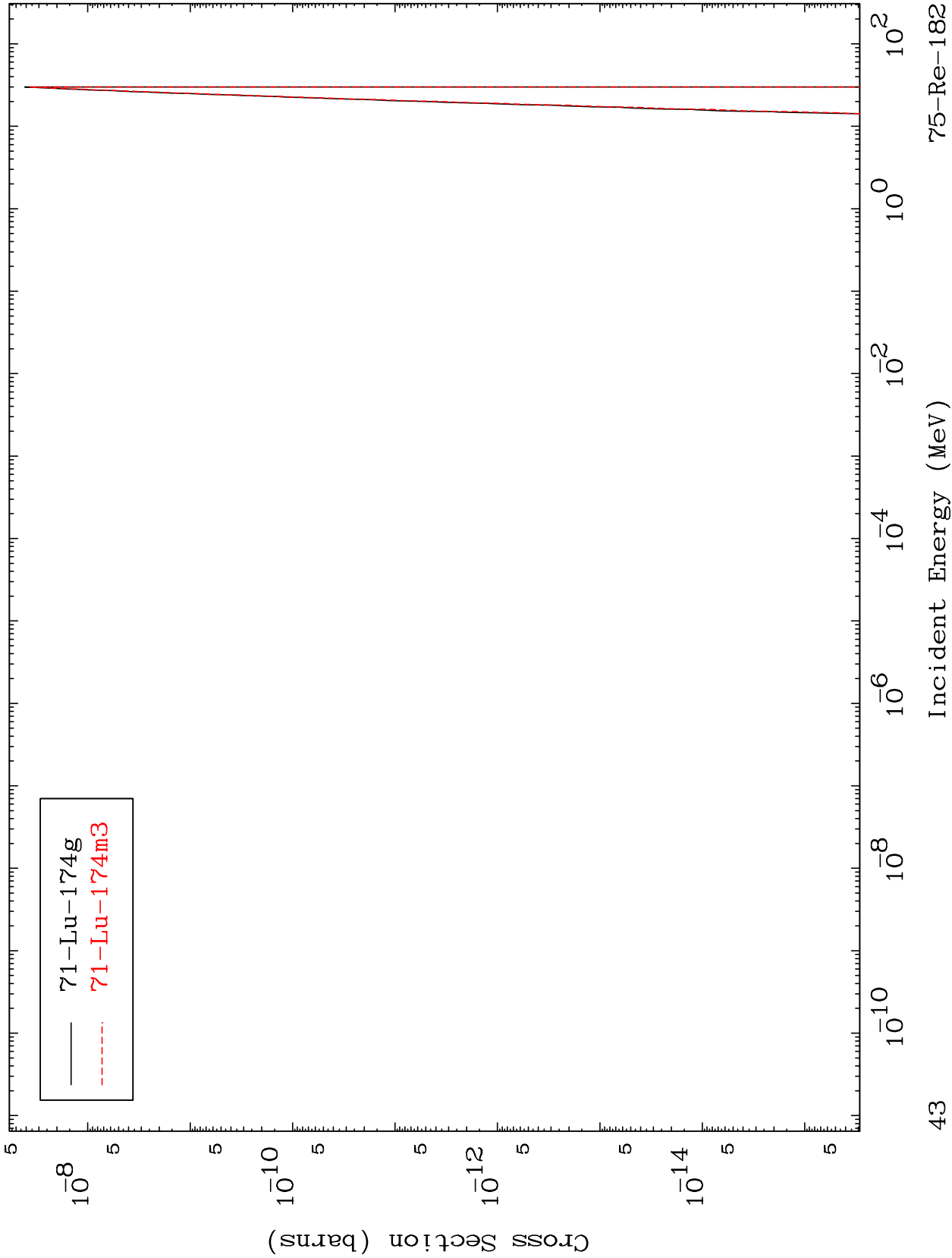


MAT 7516

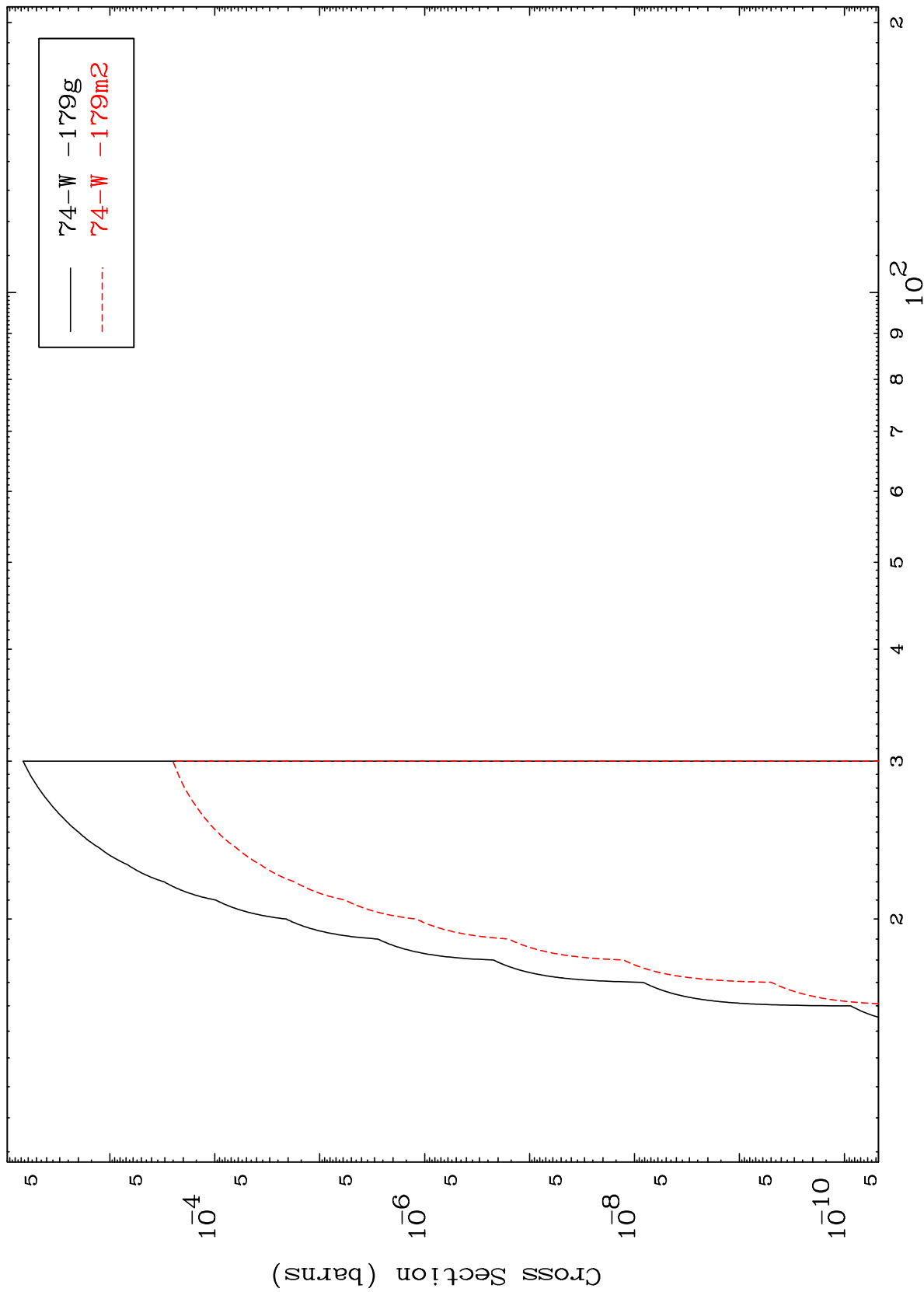
(n,n') 2α

75-Re-182

Radionuclide Production Cross Section



Radionuclide Production Cross Section

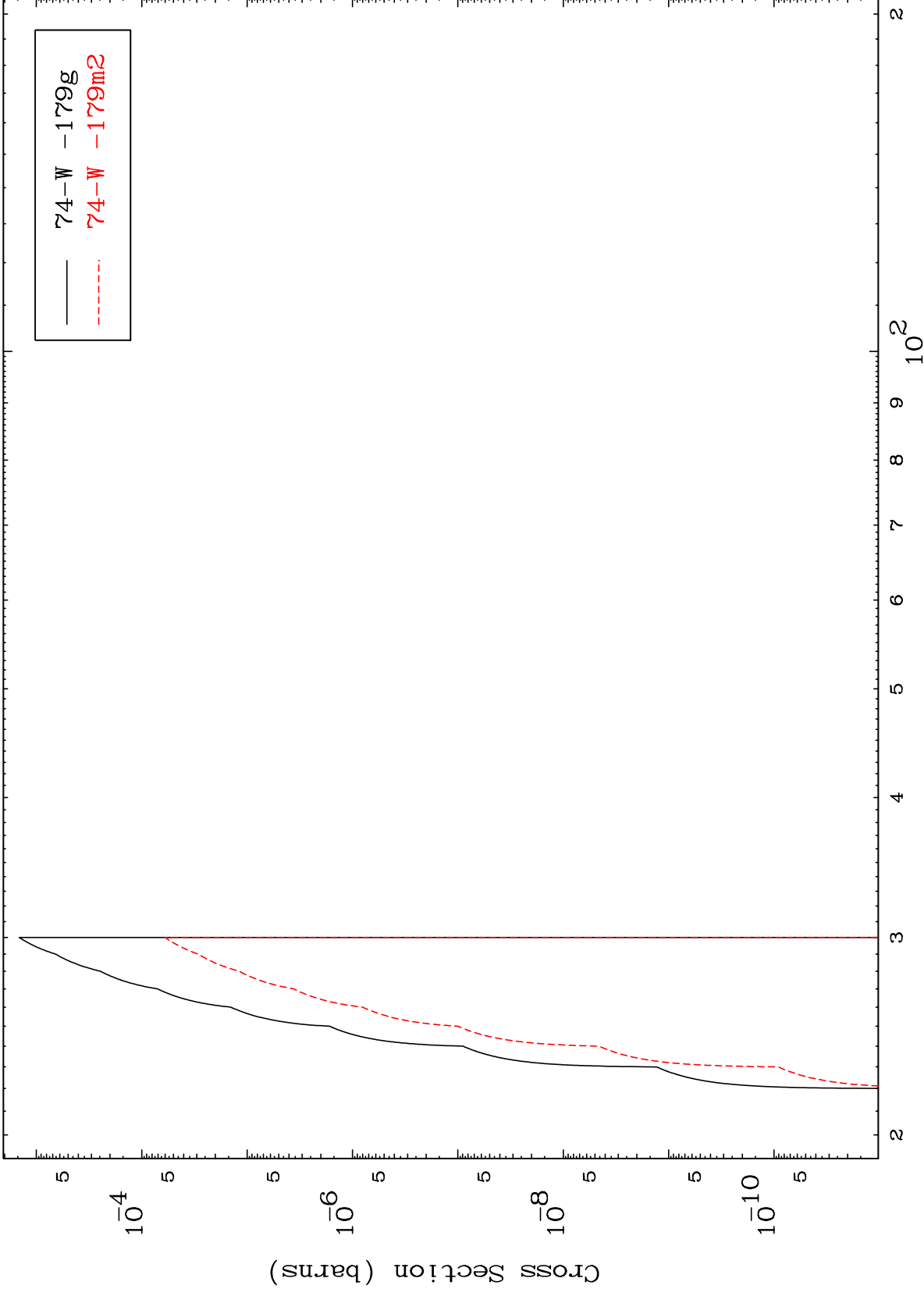


MAT 7516

(n,3n) p

75-Re-182

Radionuclide Production Cross Section

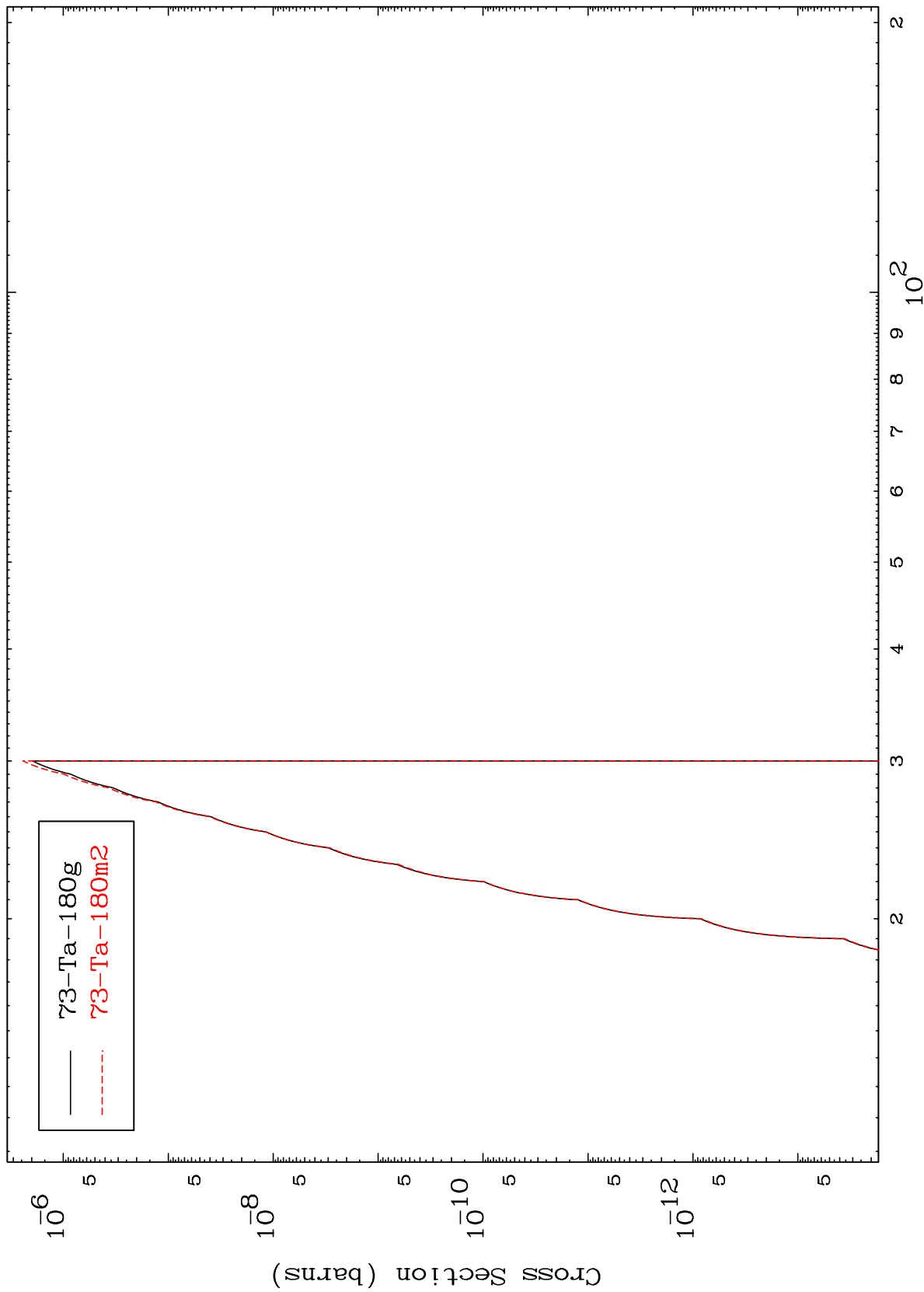


45

Incident Energy (MeV)

75-Re-182

Radionuclide Production Cross Section

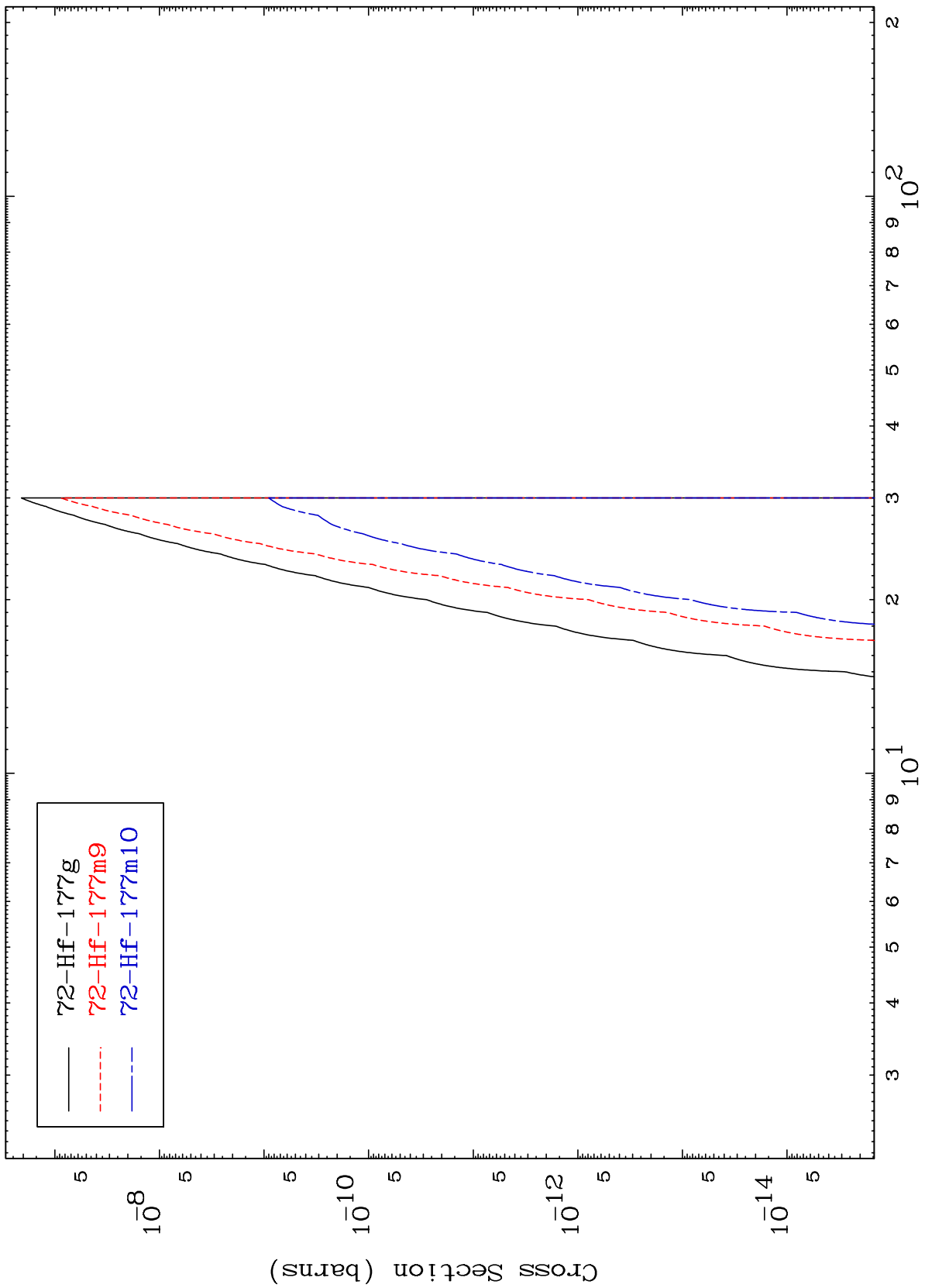


MAT 7516

(n,n') p α

75-Re-182

Radionuclide Production Cross Section



47

Incident Energy (MeV)

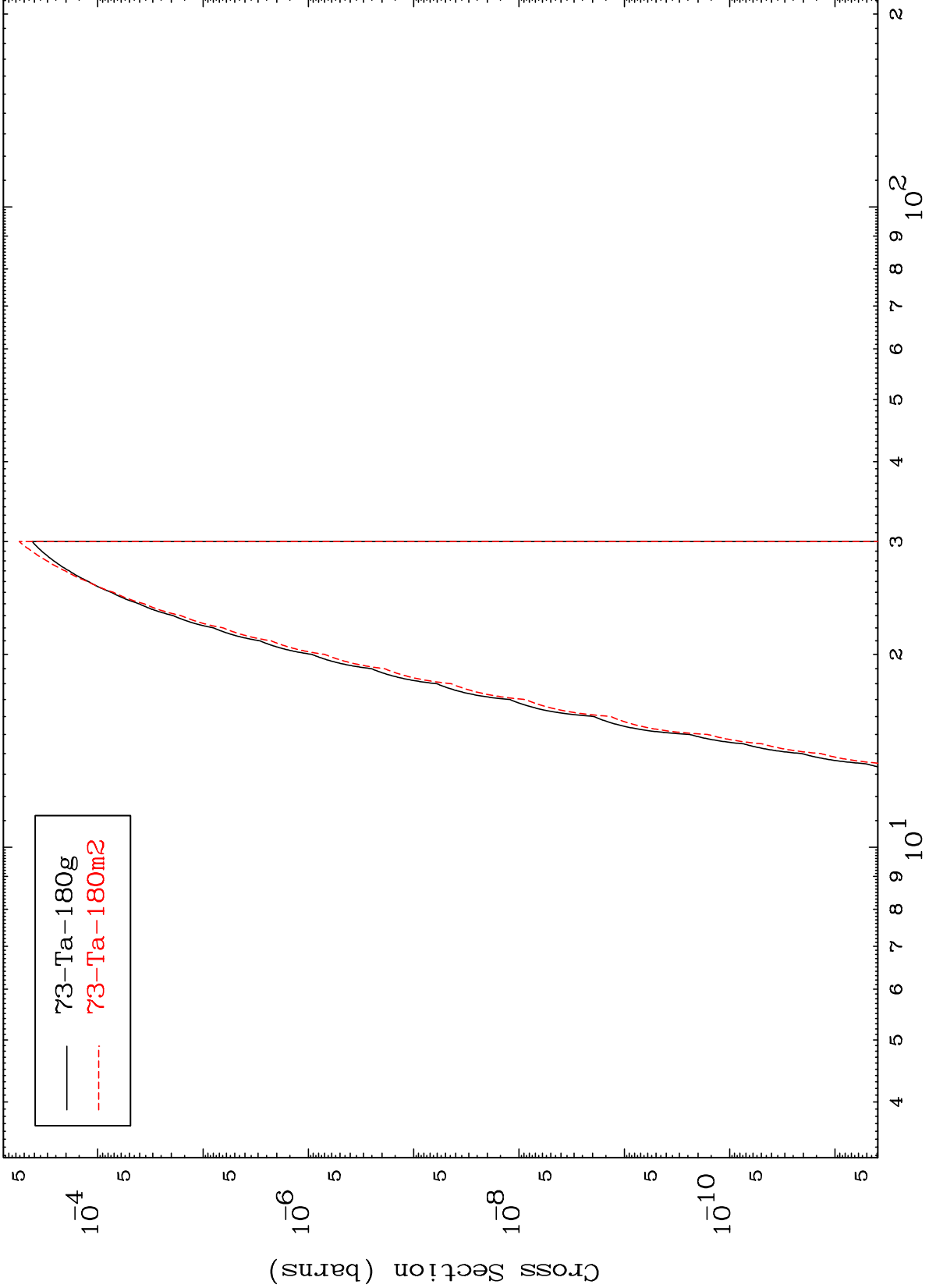
75-Re-182

MAT 7516

(n,He-3)

75-Re-182

Radionuclide Production Cross Section



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

48

Incident Energy (MeV)

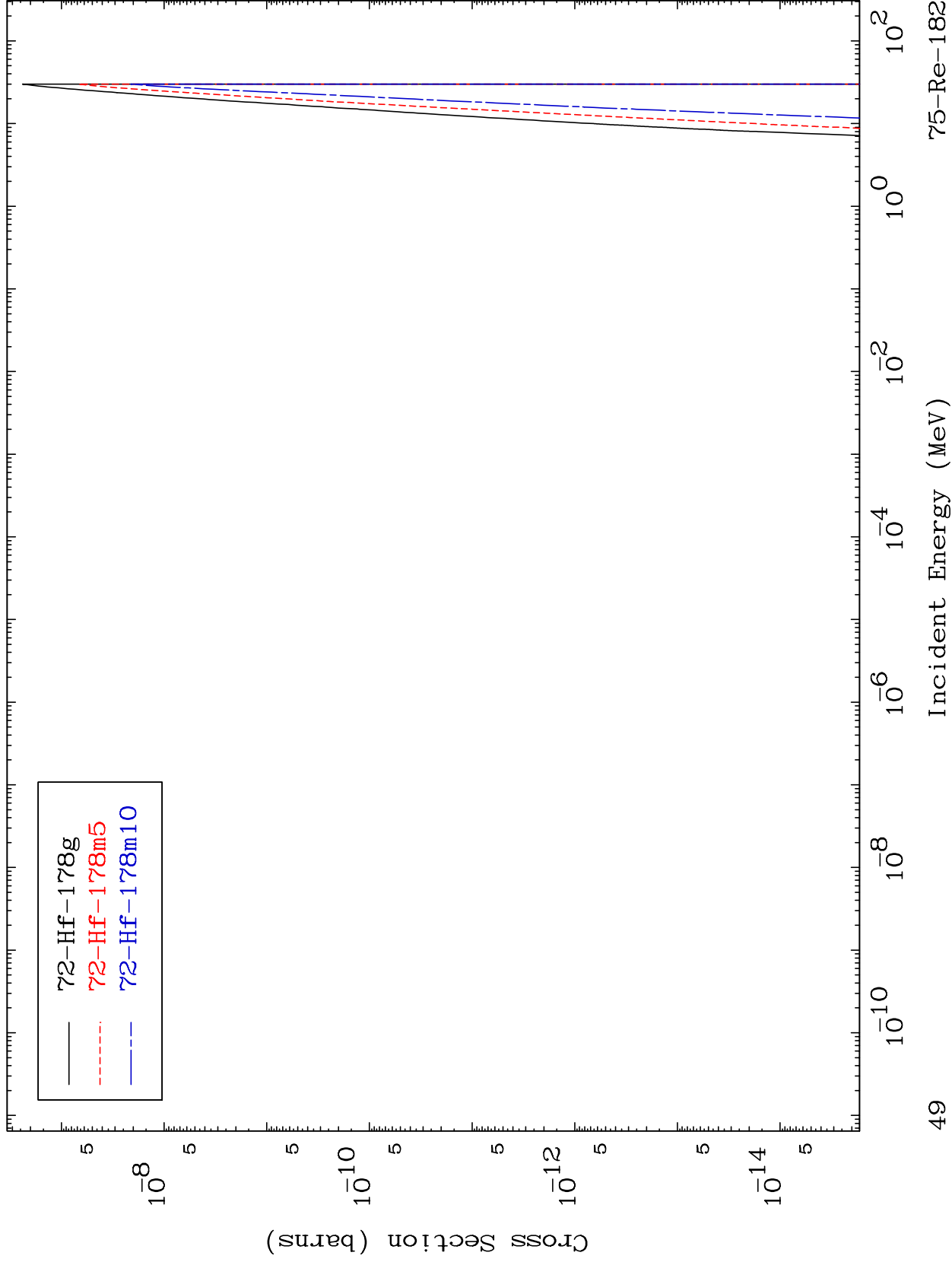
75-Re-182

MAT 7516

(n,p) α

75-Re-182

Radionuclide Production Cross Section

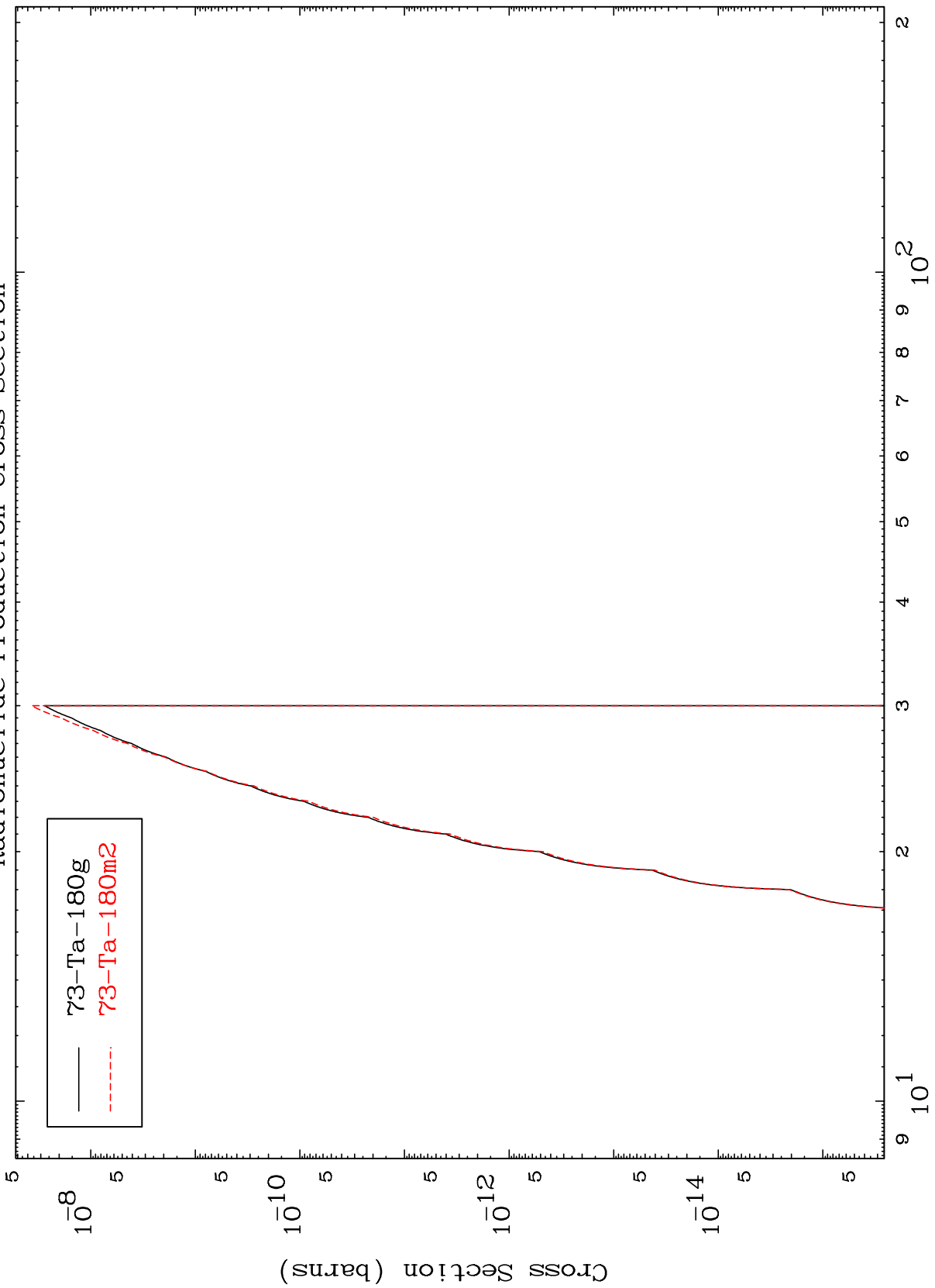


MAT 7516

(n,p) d

75-Re-182

Radionuclide Production Cross Section



50

Incident Energy (MeV)

75-Re-182

MAT 7516

(n,d) α

75-Re-182

Radionuclide Production Cross Section

