

Program EVALPLOT
(Version 2021-1)

by

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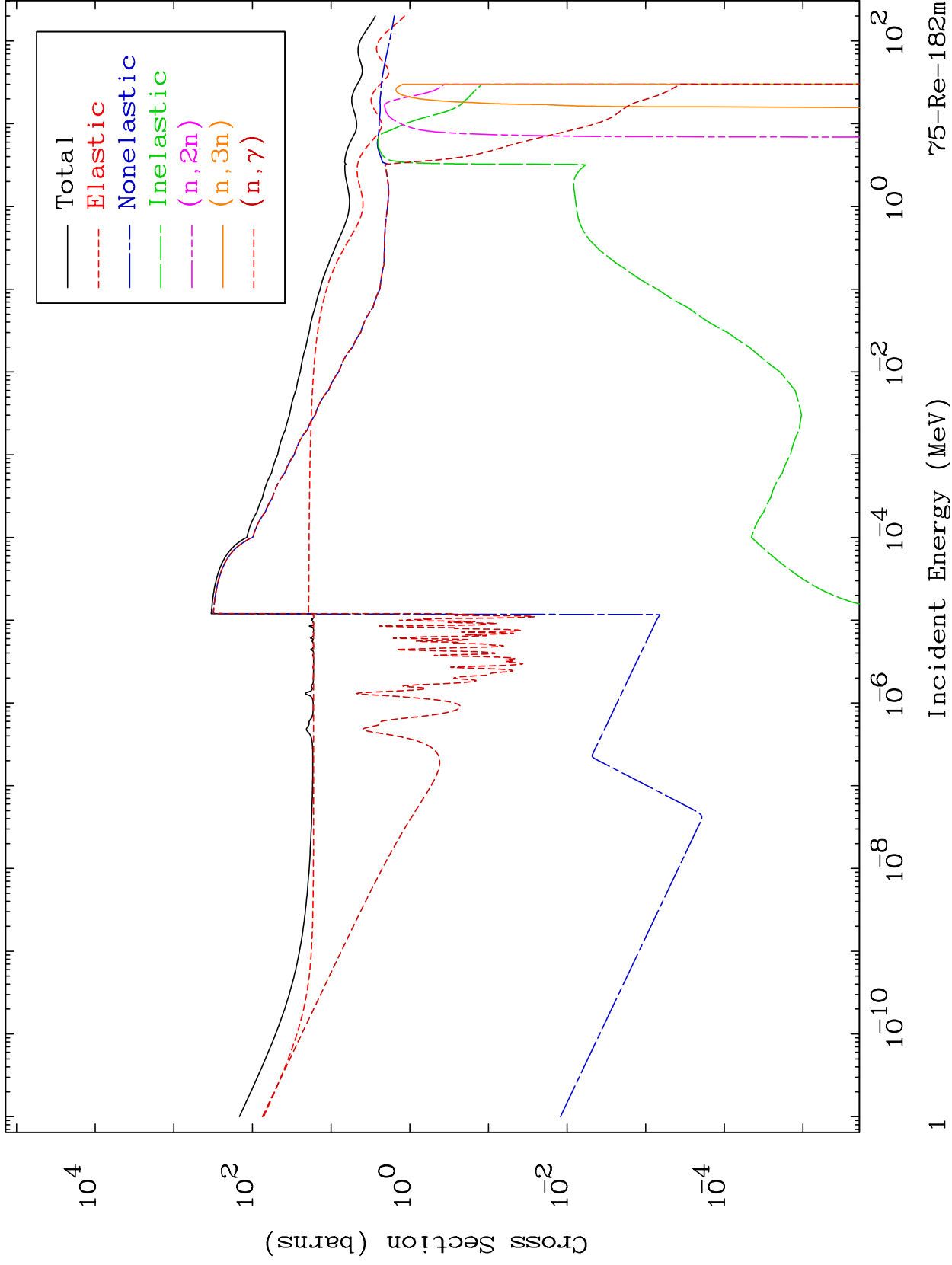
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Press Mouse Button to Start

MAT 7517

Neutron Major
293 Kelvin Cross Sections

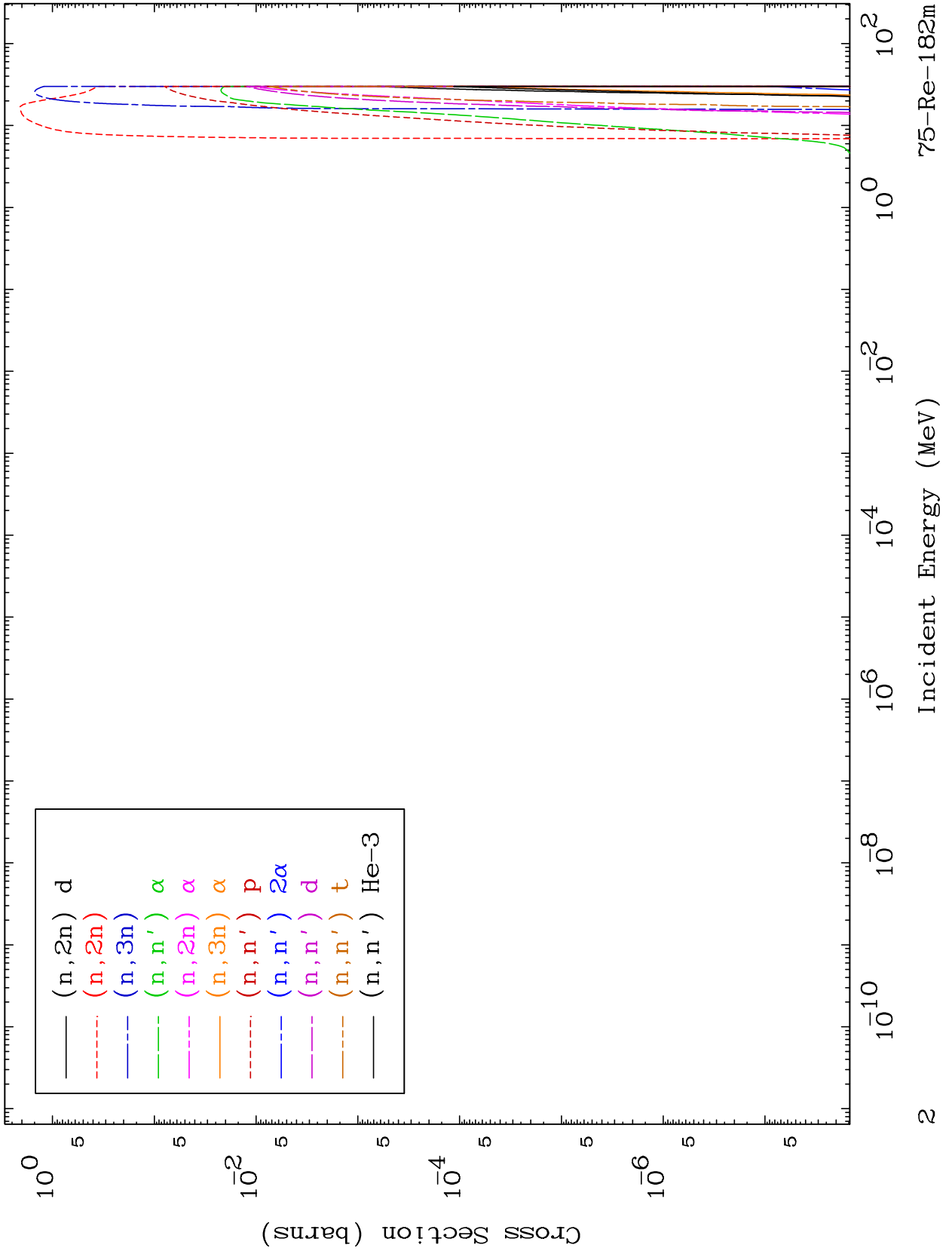
75-Re-182m

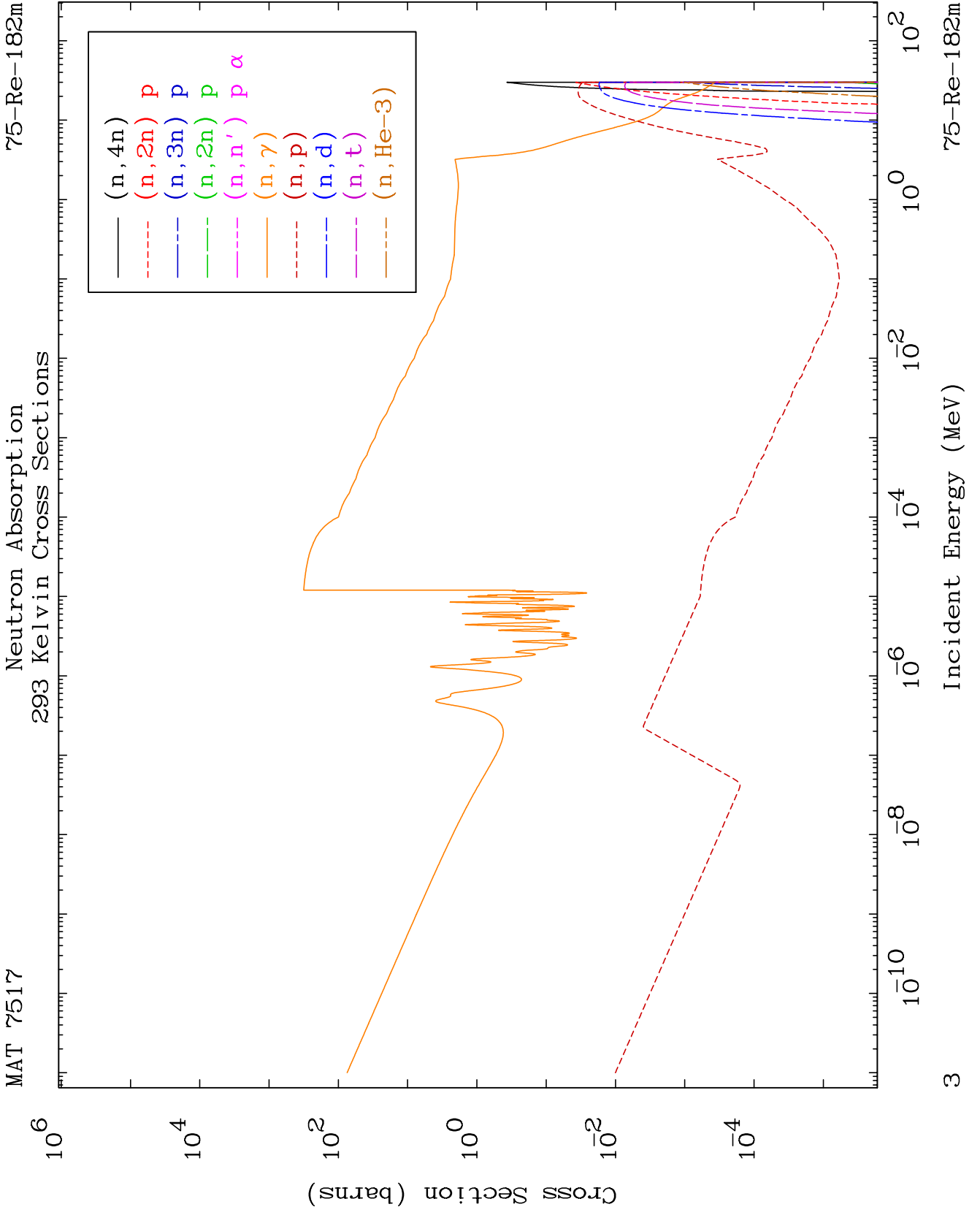


MAT 7517

Neutron Absorption
293 Kelvin Cross Sections

75-Re-182m

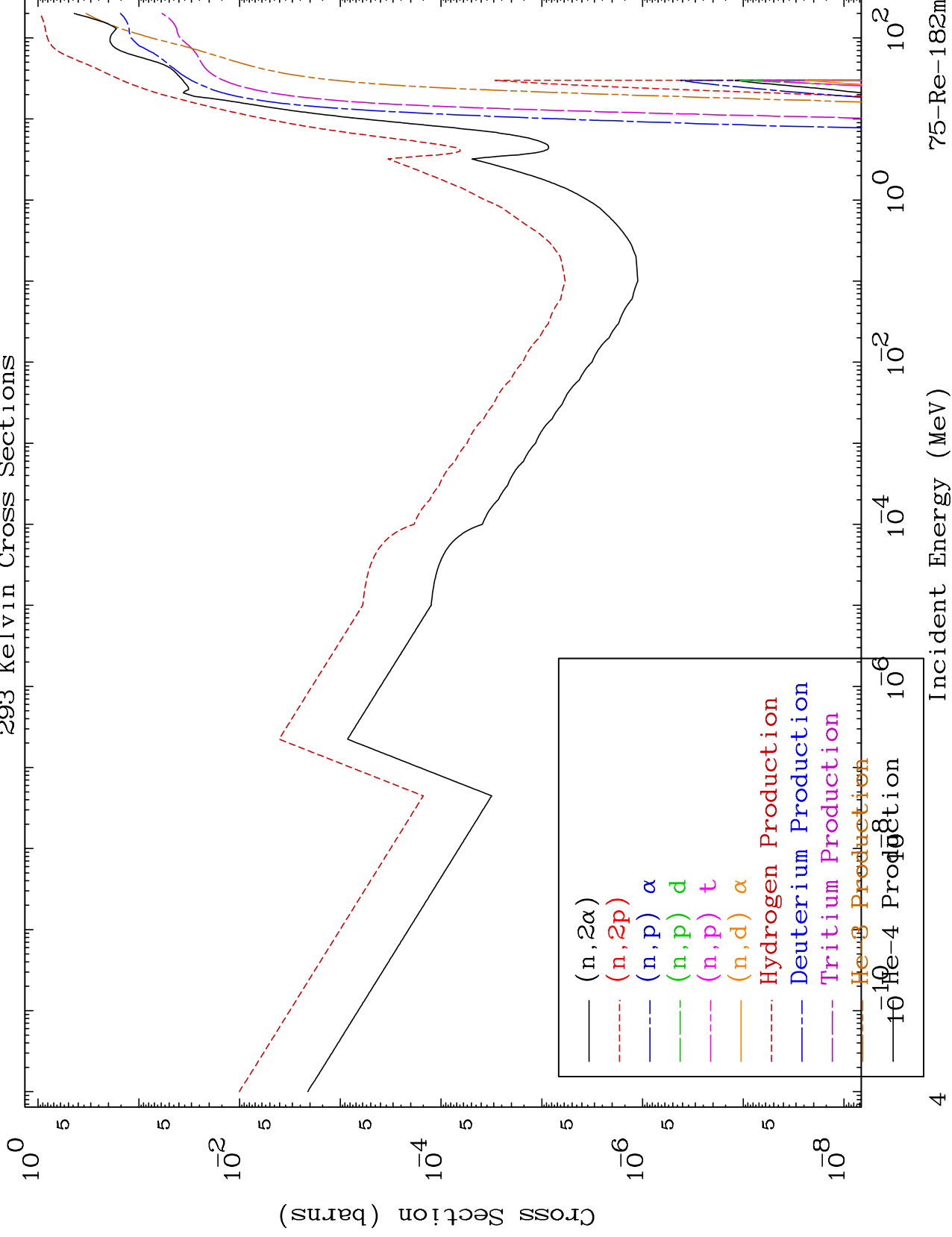




MAT 7517

Neutron Absorption
293 Kelvin Cross Sections

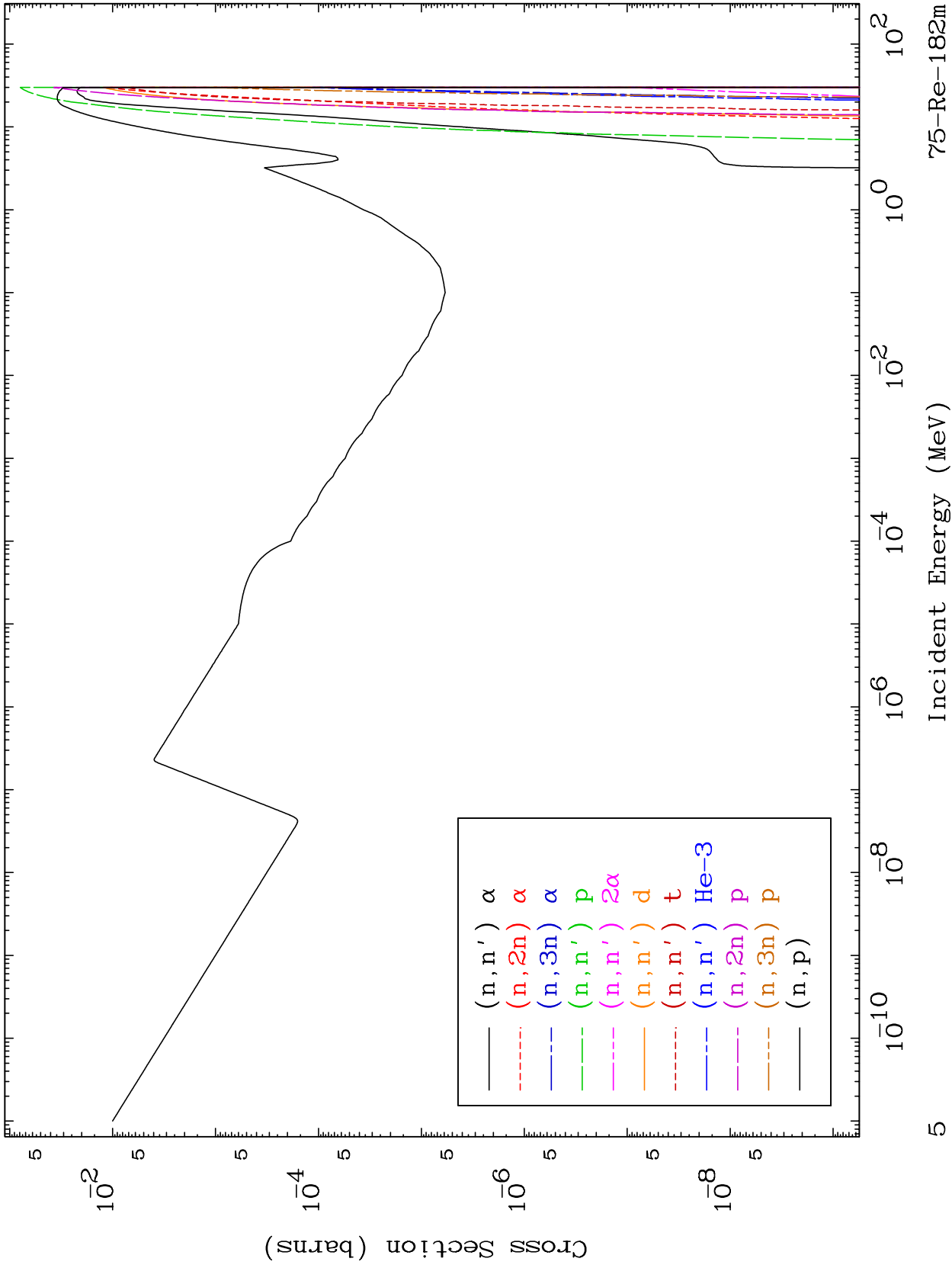
75-Re-182m



MAT 7517

Charged Particle
293 Kelvin Cross Sections

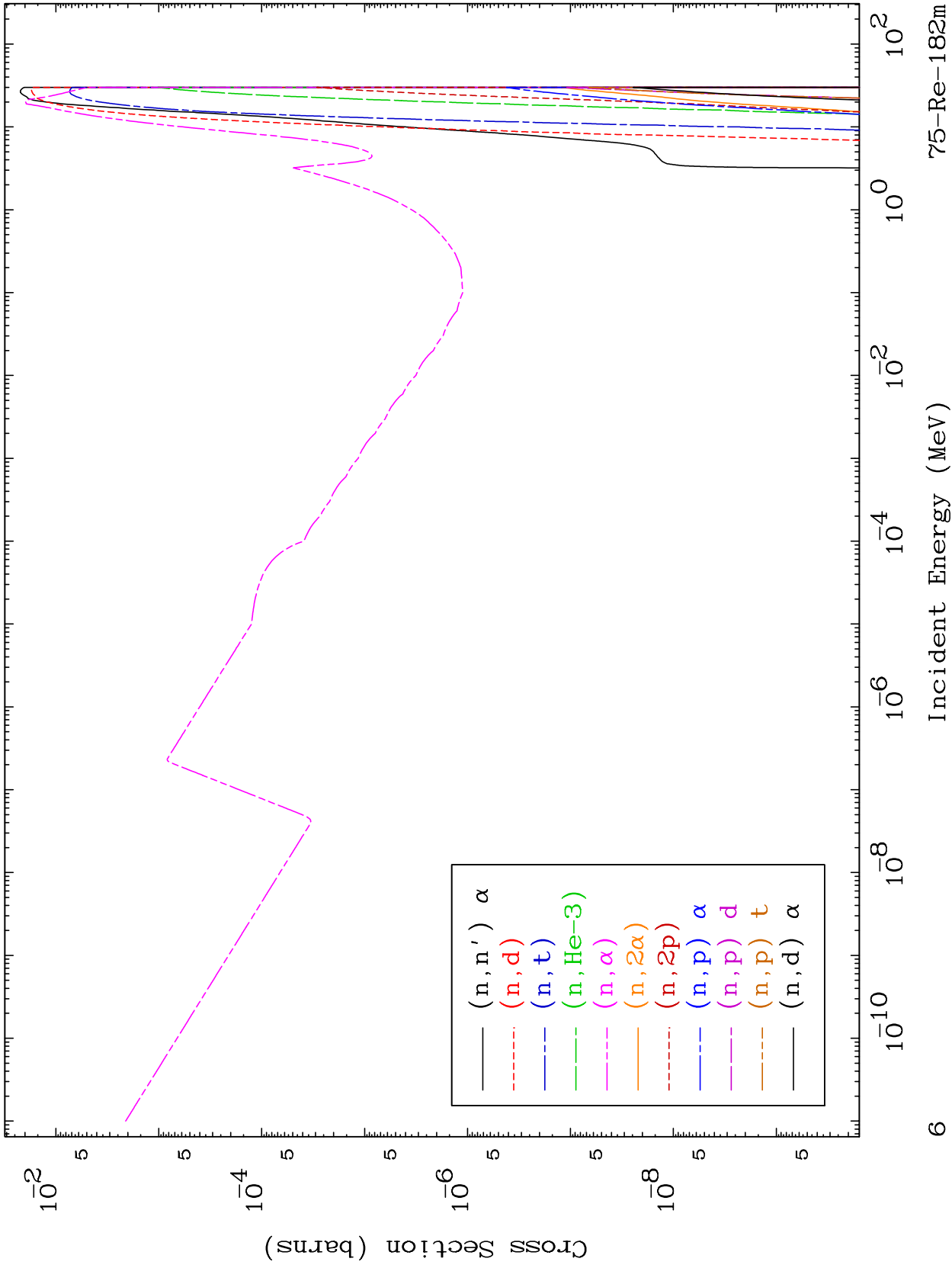
75-Re-182m



MAT 7517

Charged Particle
293 Kelvin Cross Sections

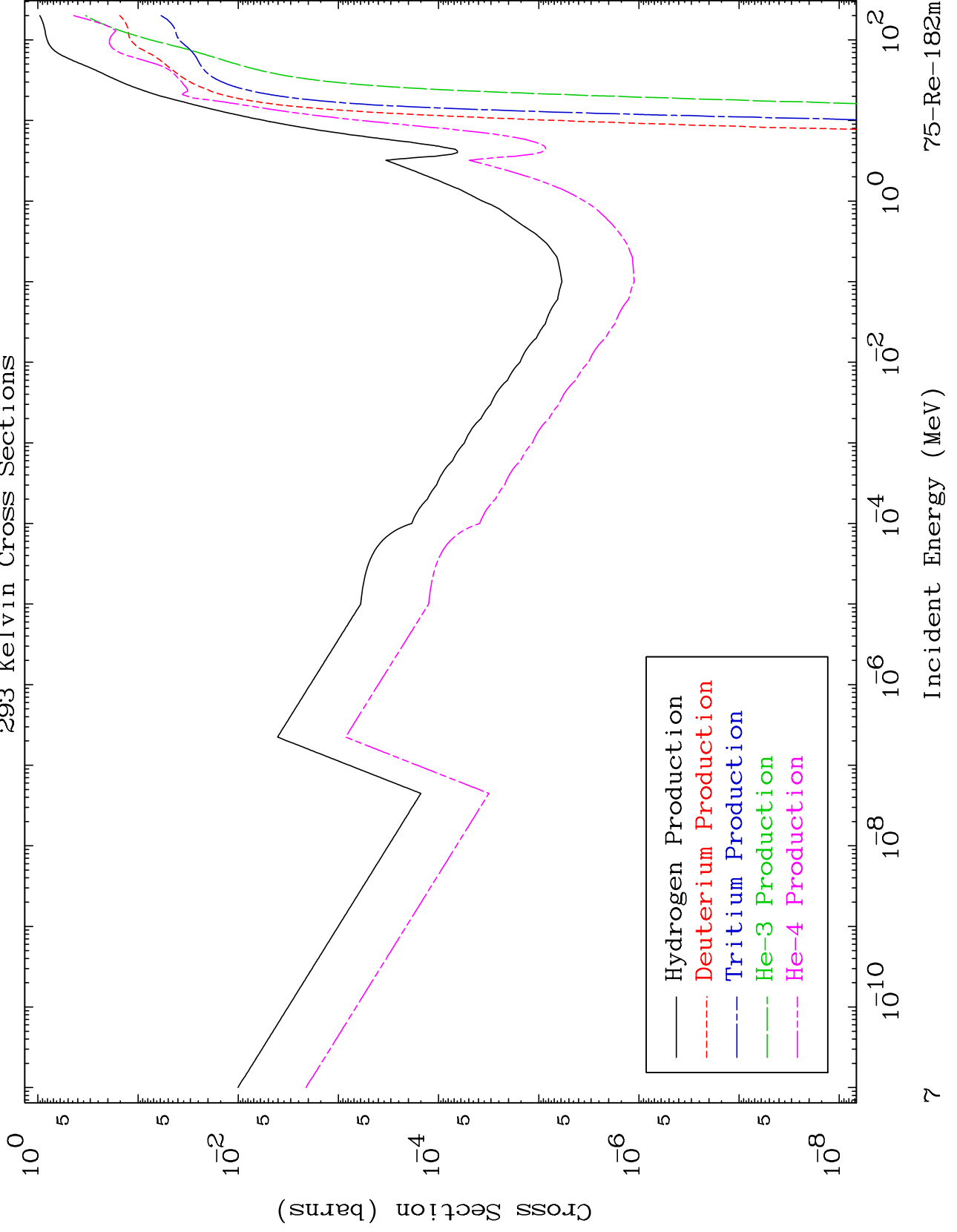
75-Re-182m



MAT 7517

Particle Production
293 Kelvin Cross Sections

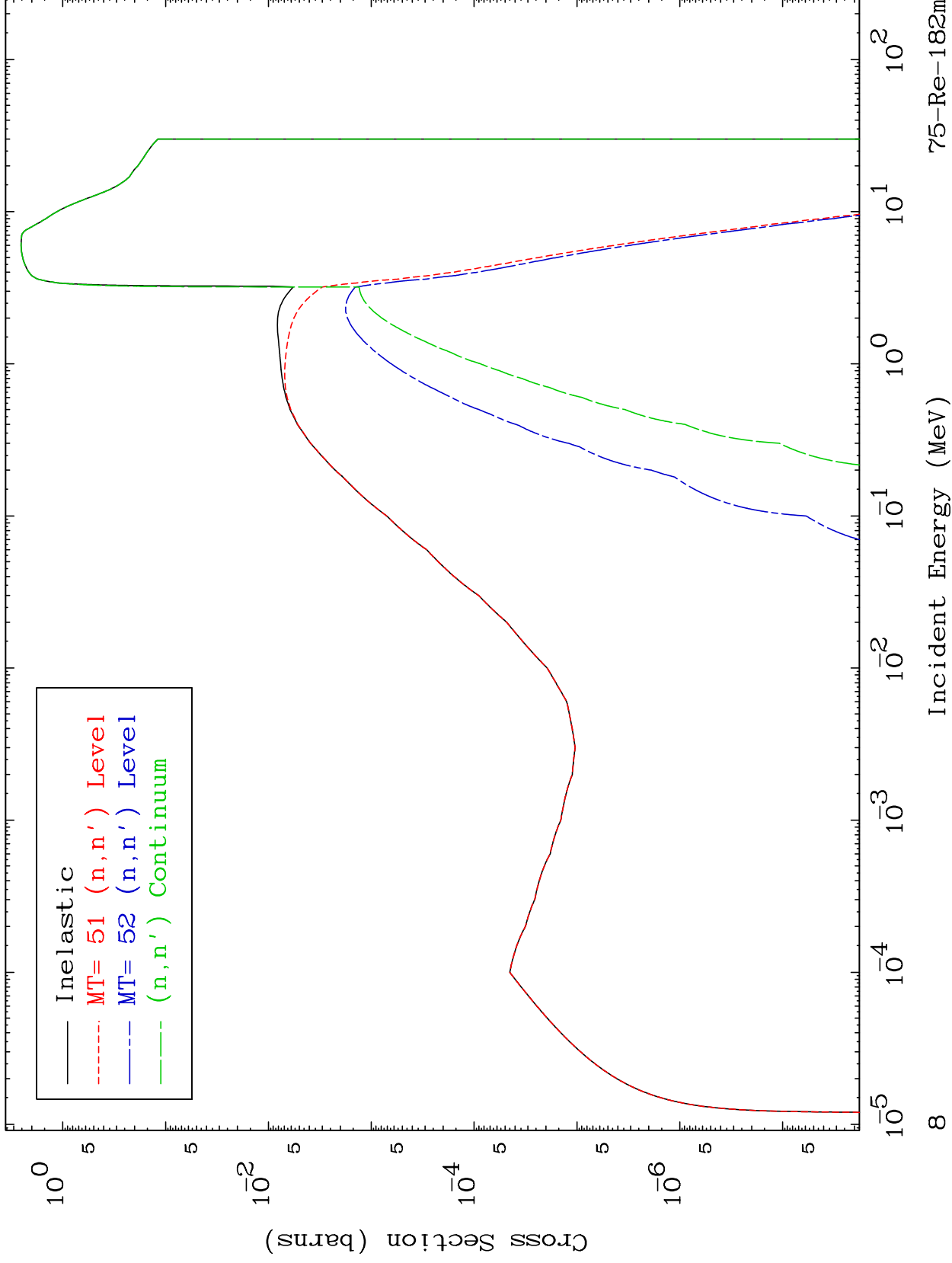
75-Re-182m



MAT 7517

(n,n') Levels
293 Kelvin Cross Sections

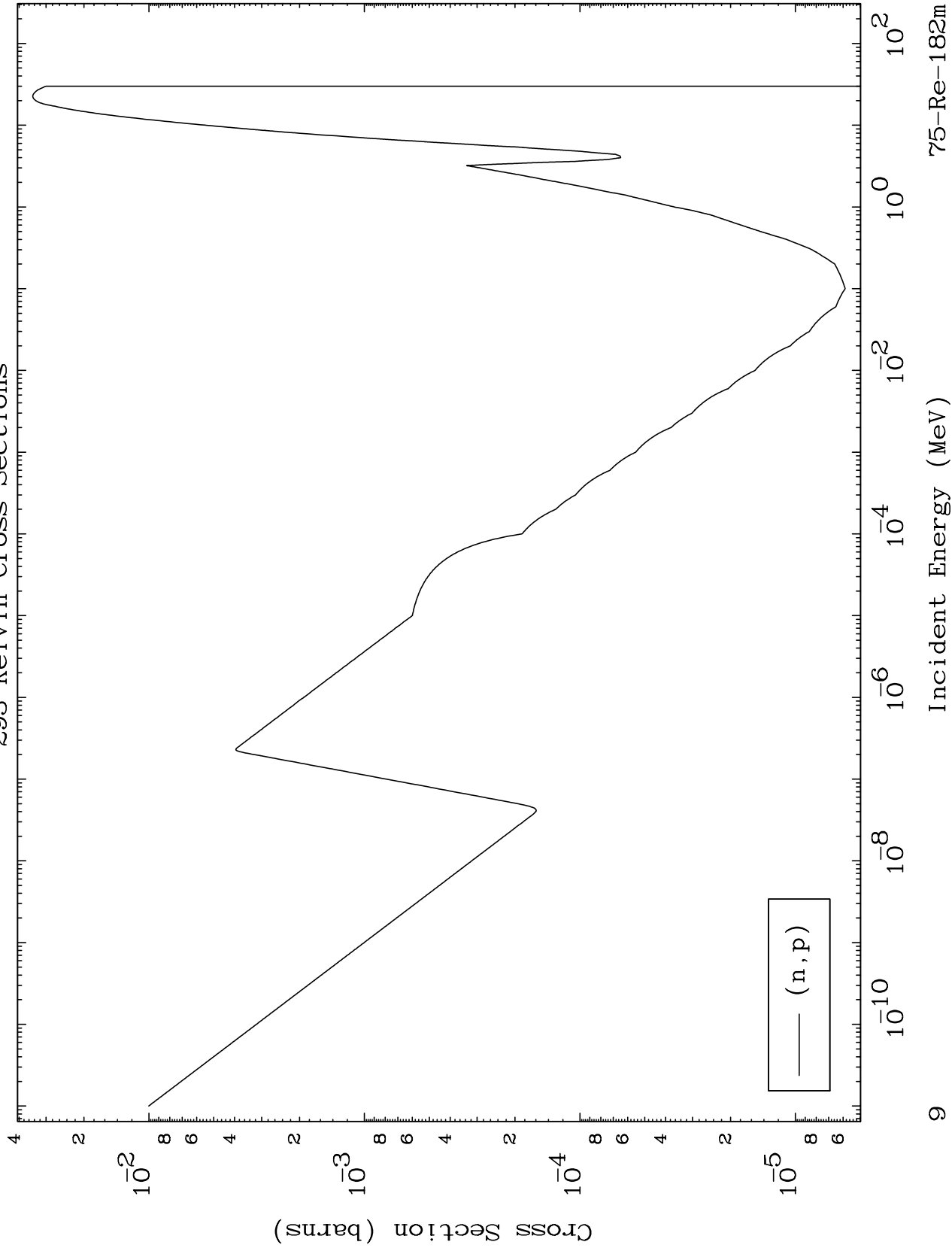
75-Re-182m



MAT 7517

(n,p) Levels
293 Kelvin Cross Sections

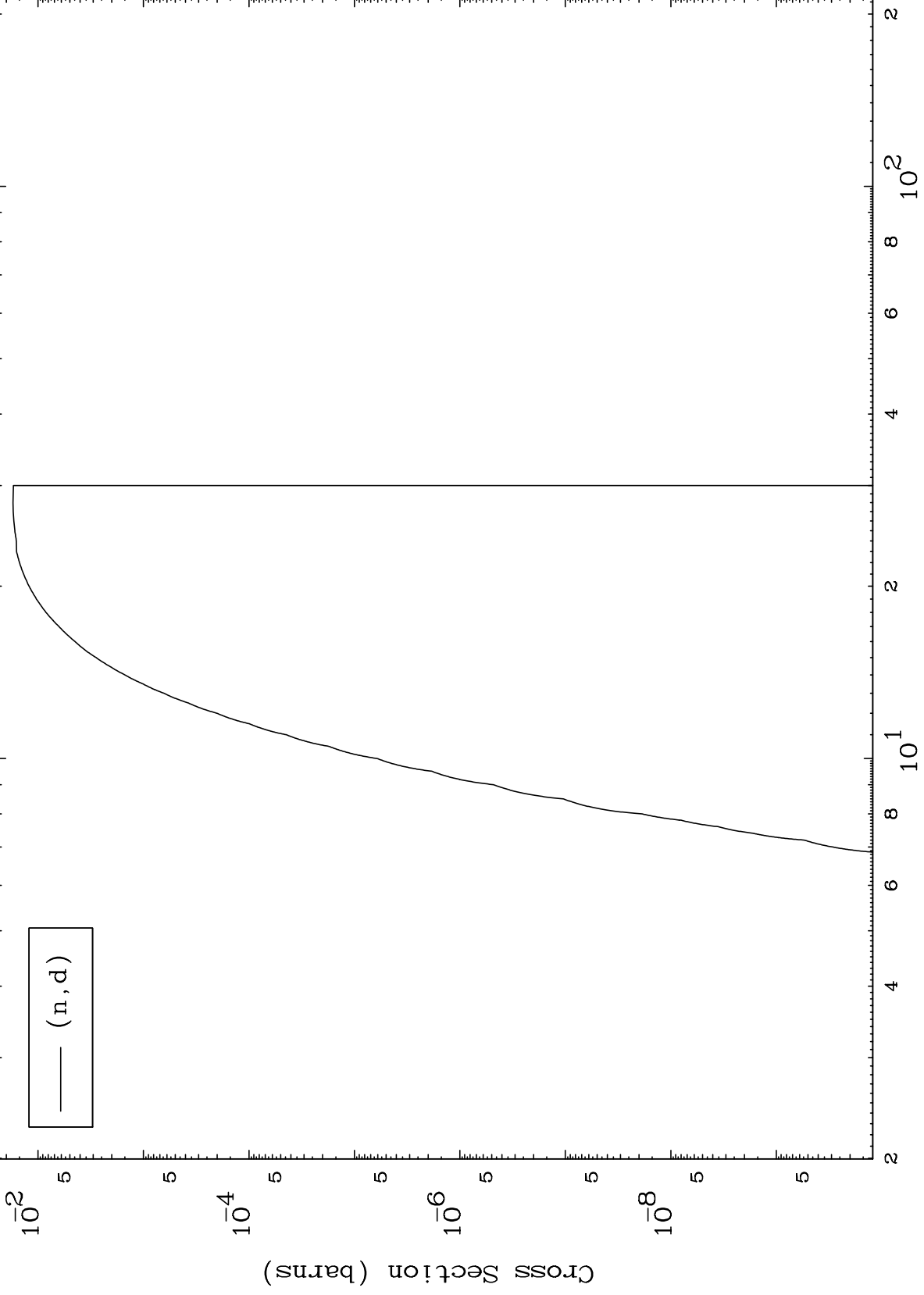
75-Re-182m



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(n,d) Levels
293 Kelvin Cross Sections

⁷⁵Re-182m

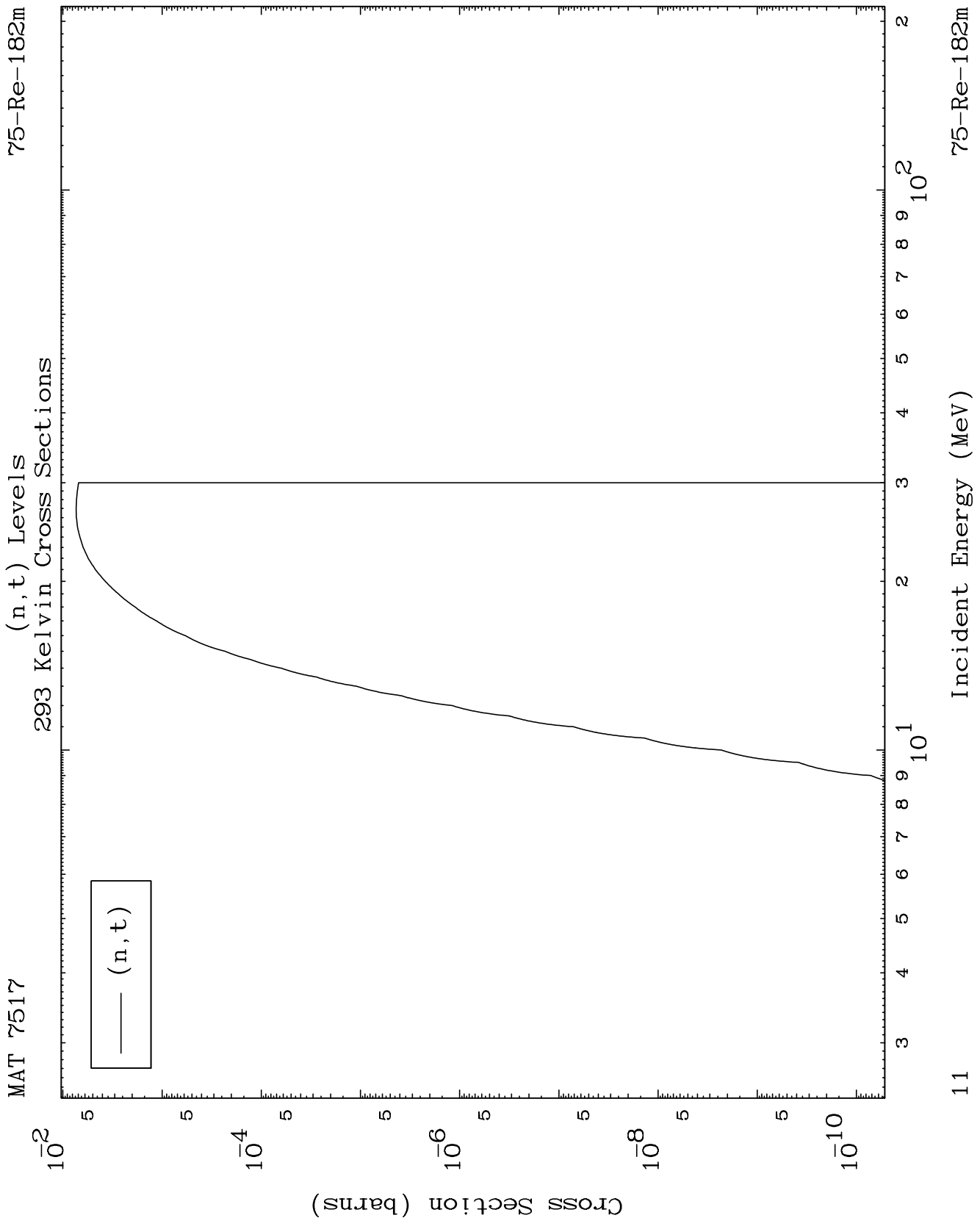


(n,d)

10

Incident Energy (MeV)

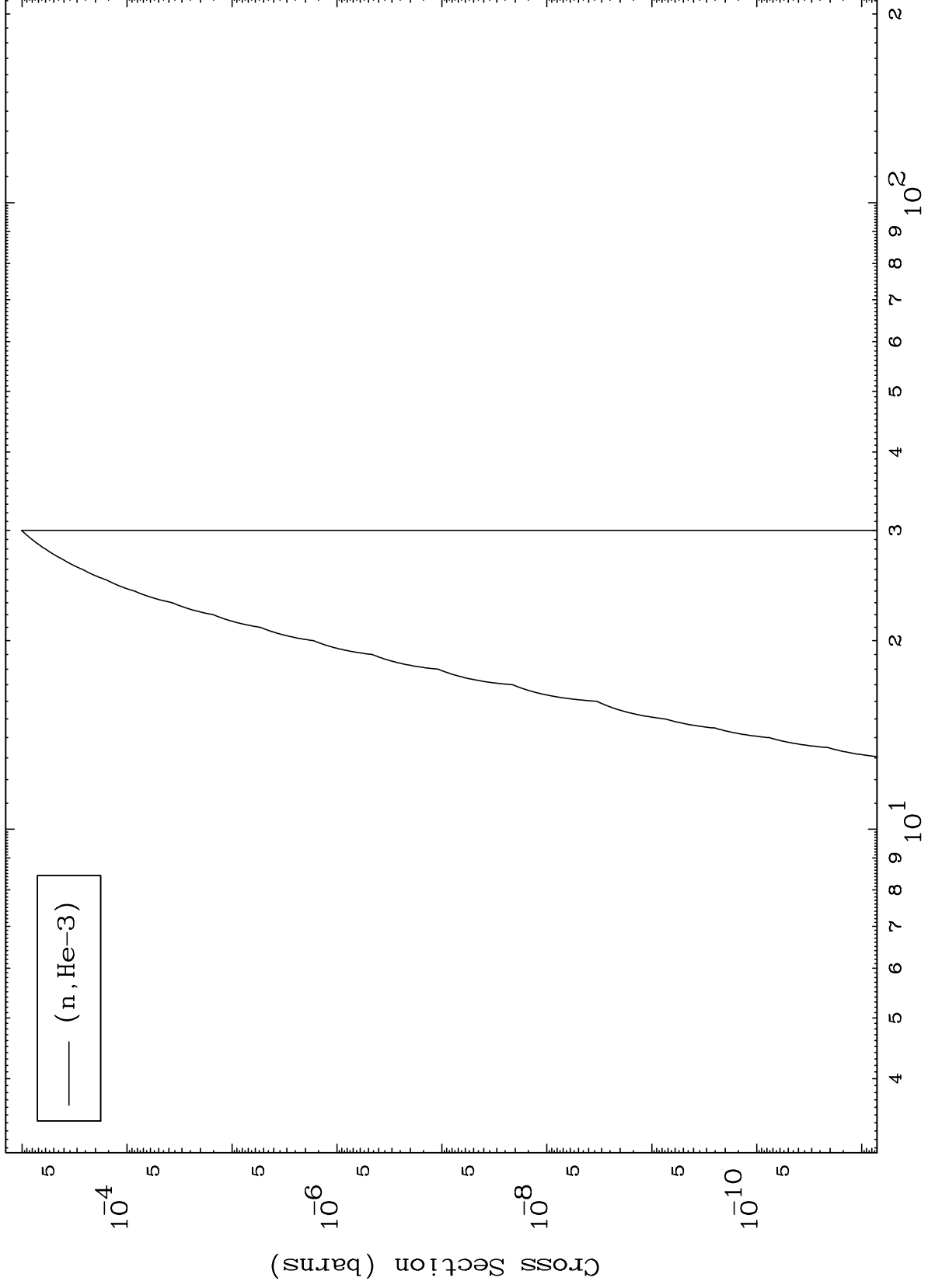
⁷⁵Re-182m



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(n,He3) Levels
293 Kelvin Cross Sections

75-Re-182m



12

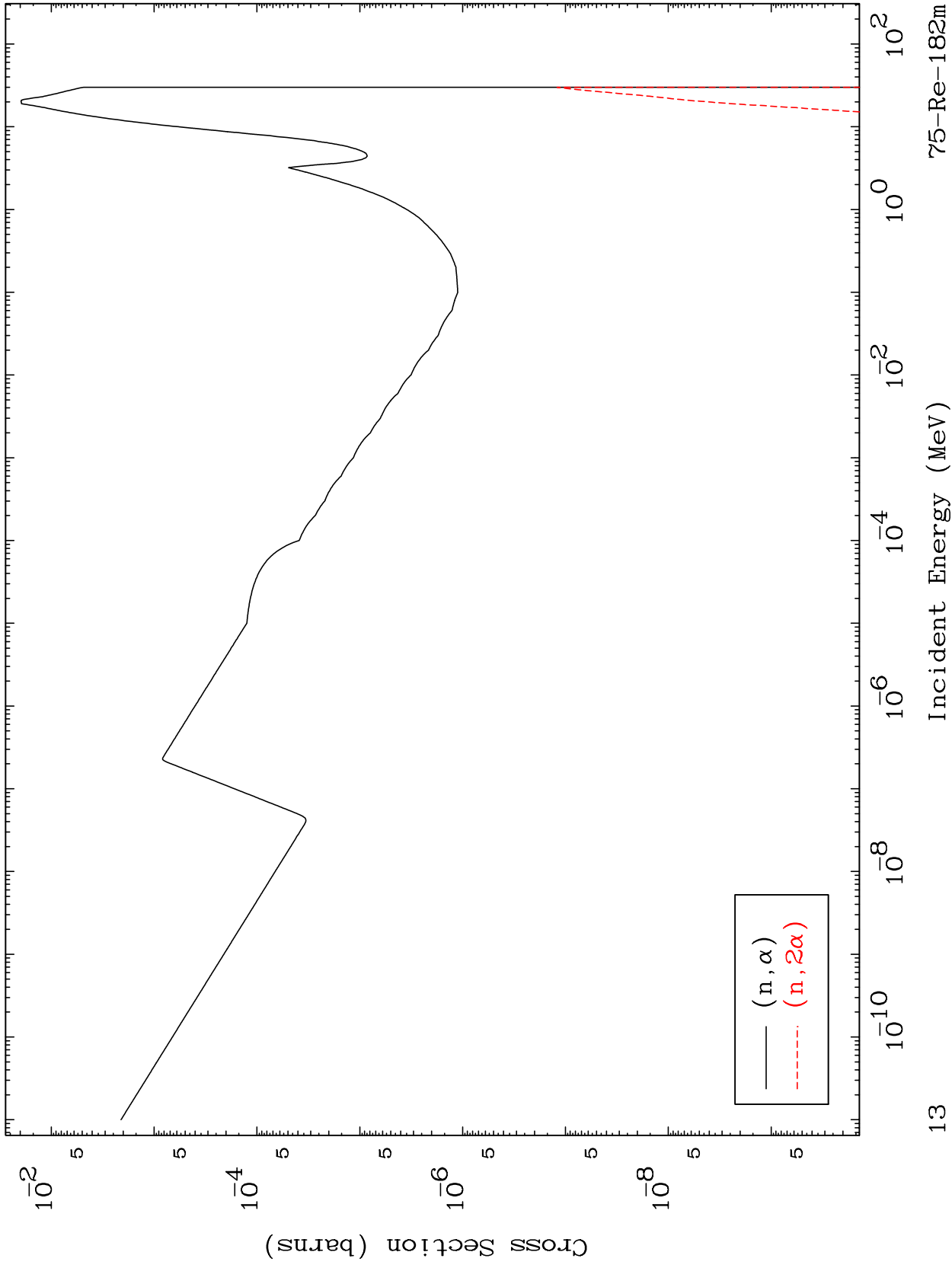
Incident Energy (MeV)

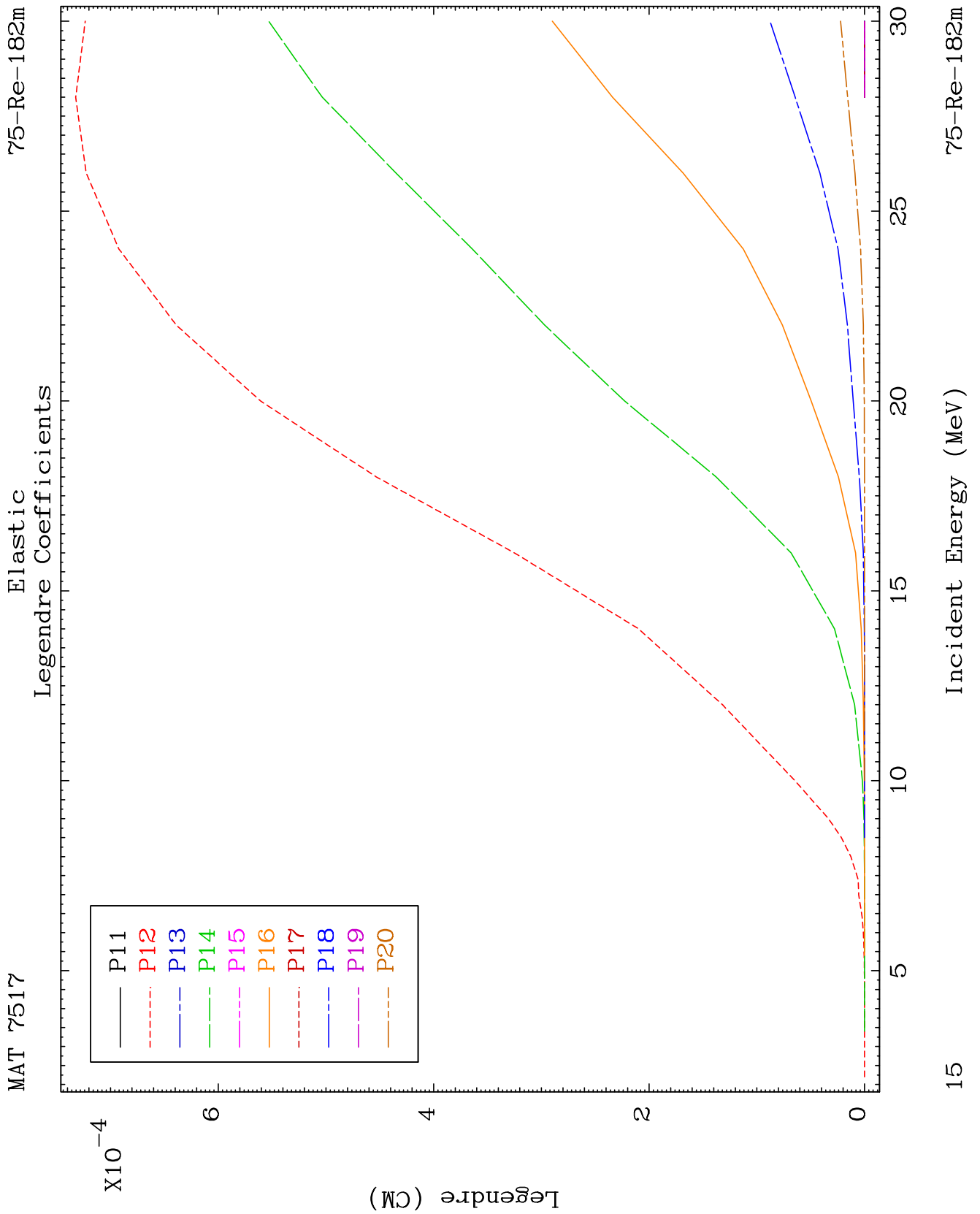
75-Re-182m

MAT 7517

(n,α) Levels
293 Kelvin Cross Sections

75-Re-182m

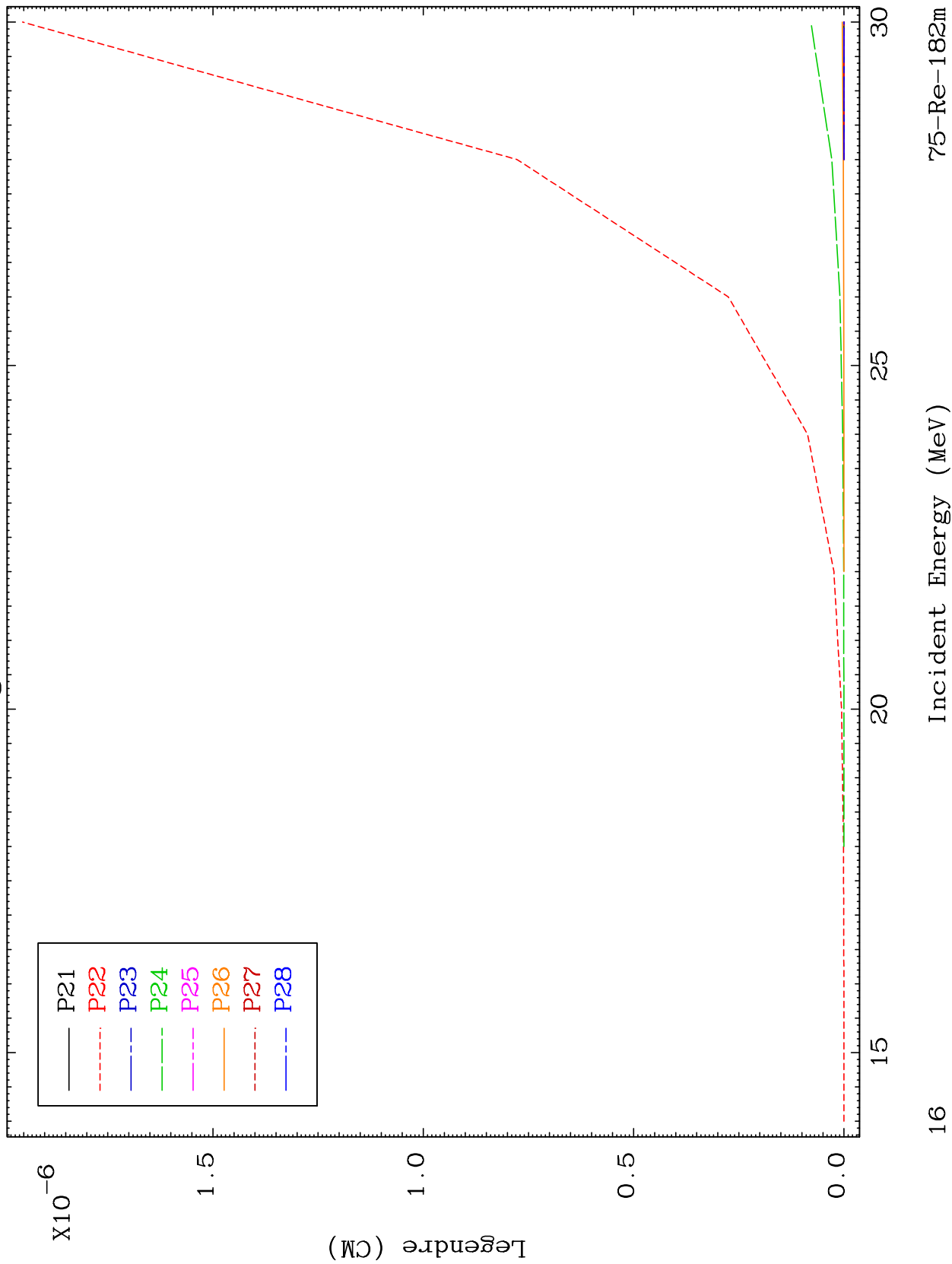




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Elastic
Legendre Coefficients

75-Re-182m



16

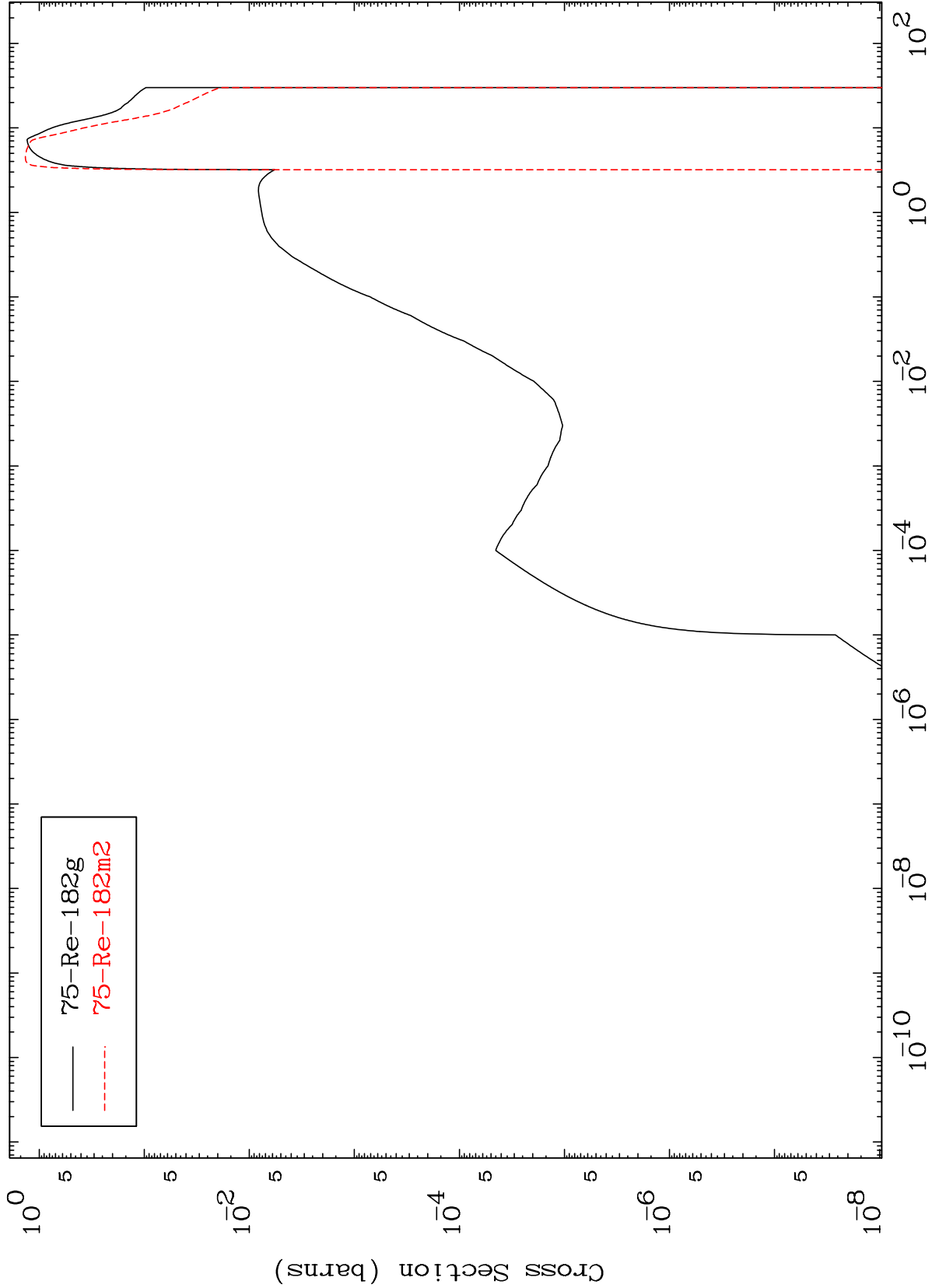
Incident Energy (MeV)

75-Re-182m

MAT 7517

Inelastic
Radionuclide Production Cross Section

75-Re-182m

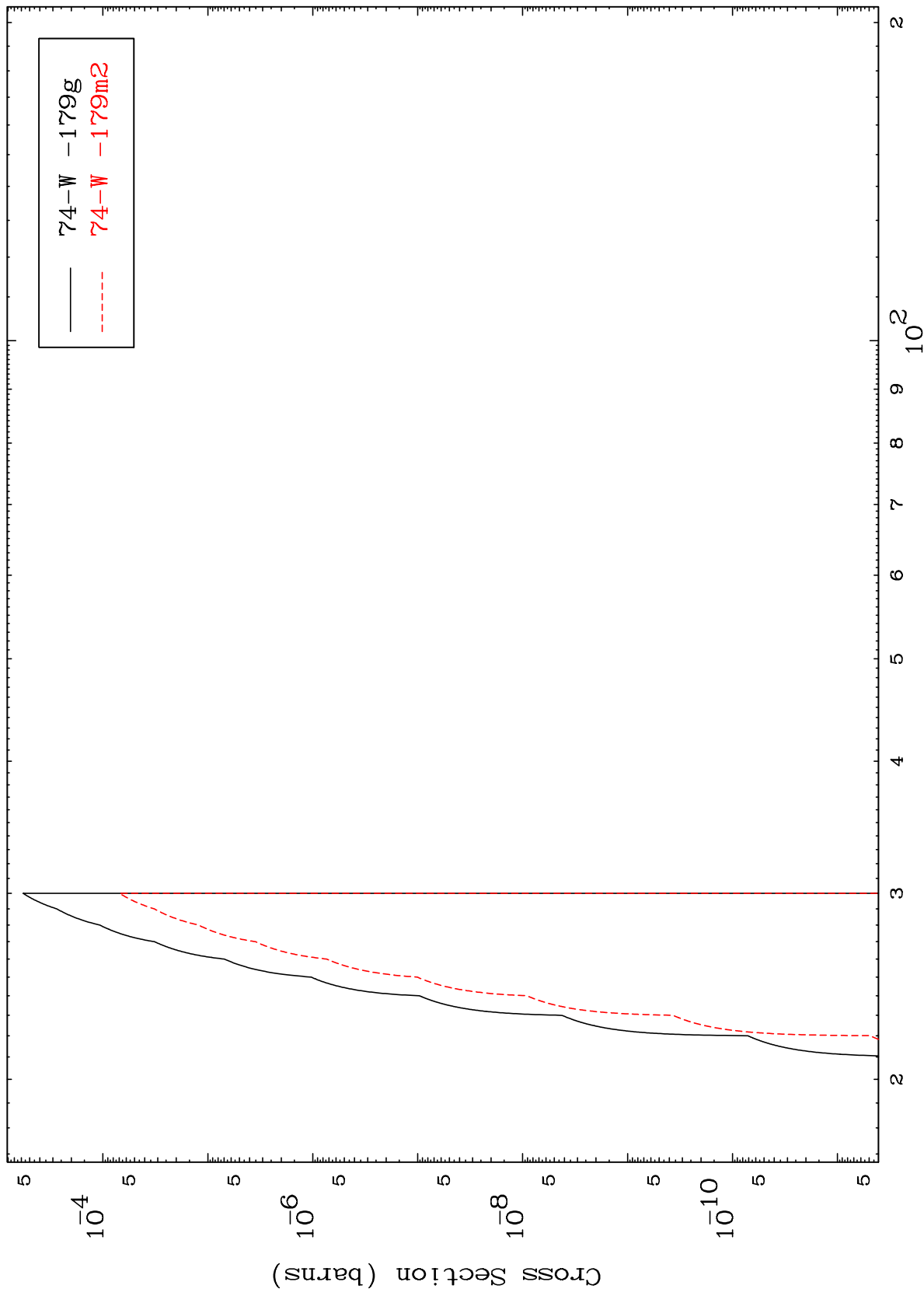


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(n,2n) d

75-Re-182m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

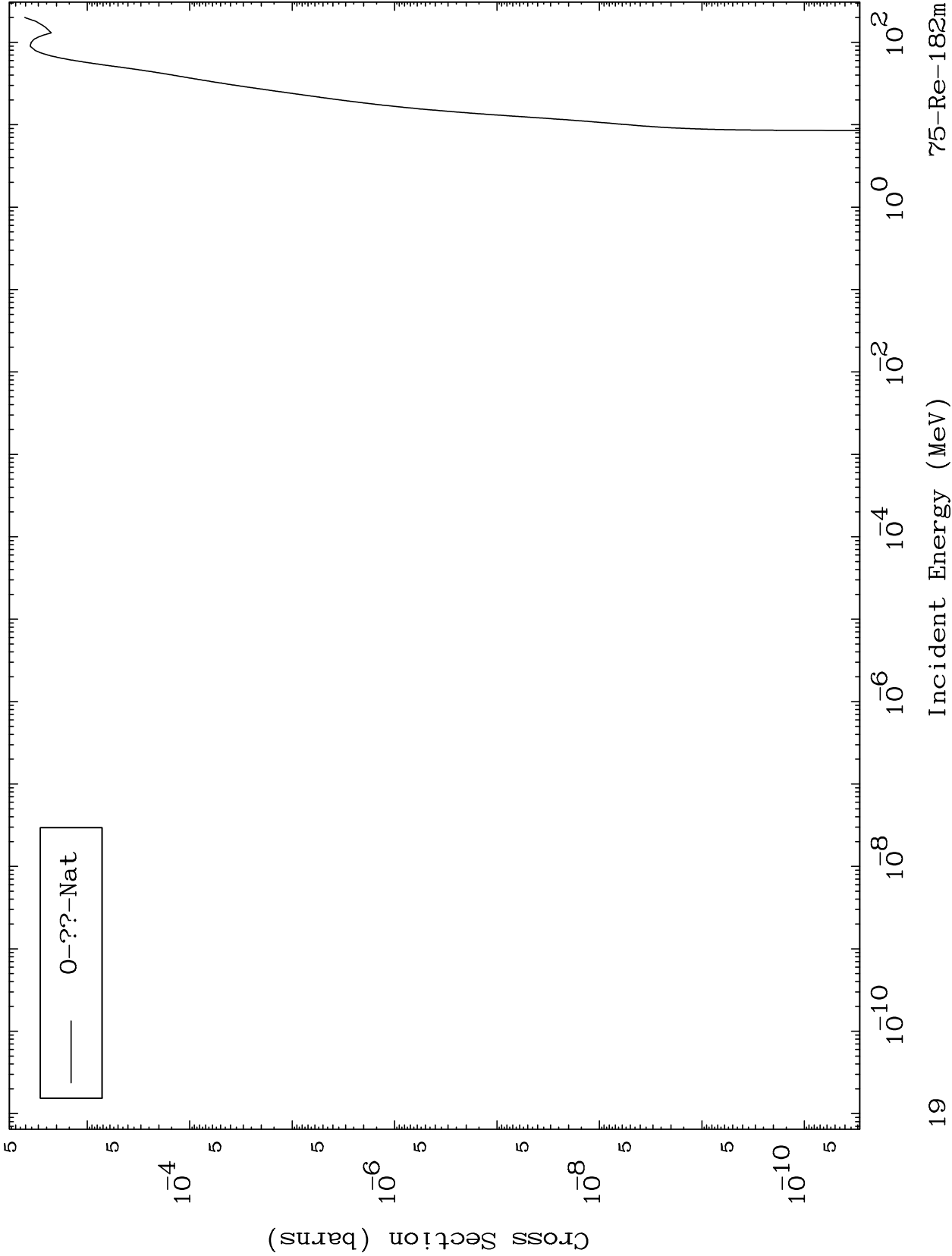
75-Re-182m

MAT 7517

Fission

⁷⁵Re-182m

Radionuclide Production Cross Section

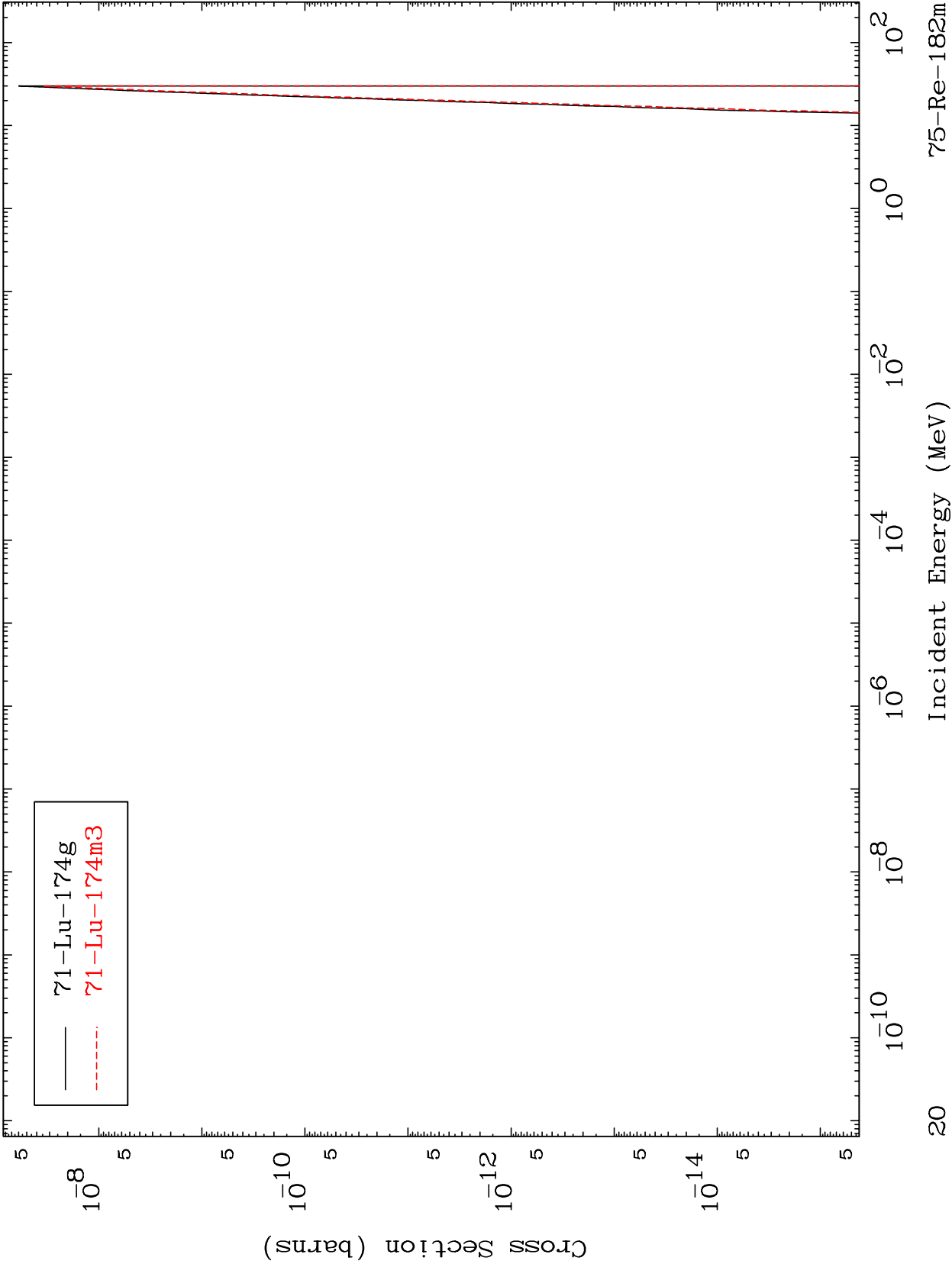


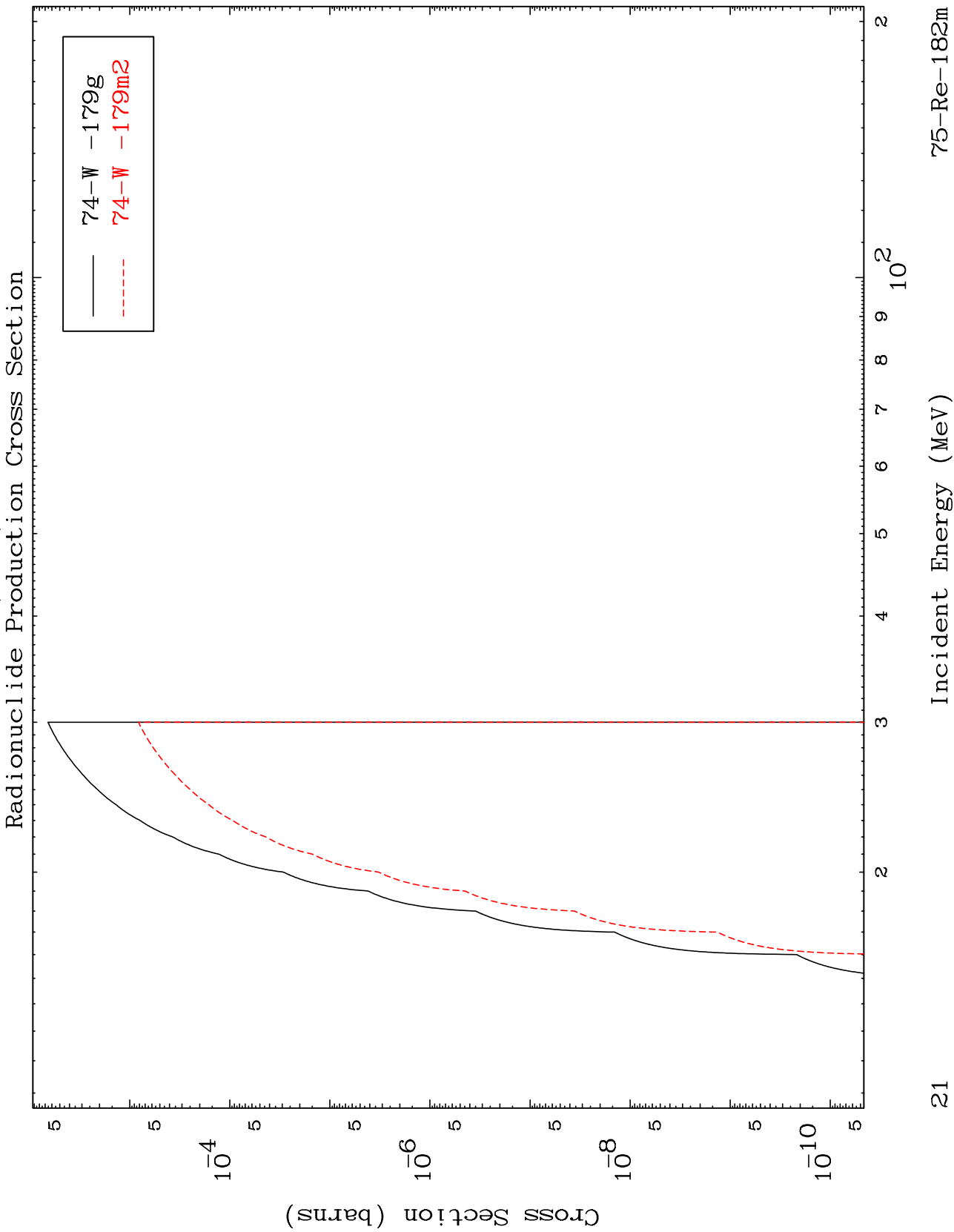
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(n,n') 2α

75-Re-182m

Radionuclide Production Cross Section



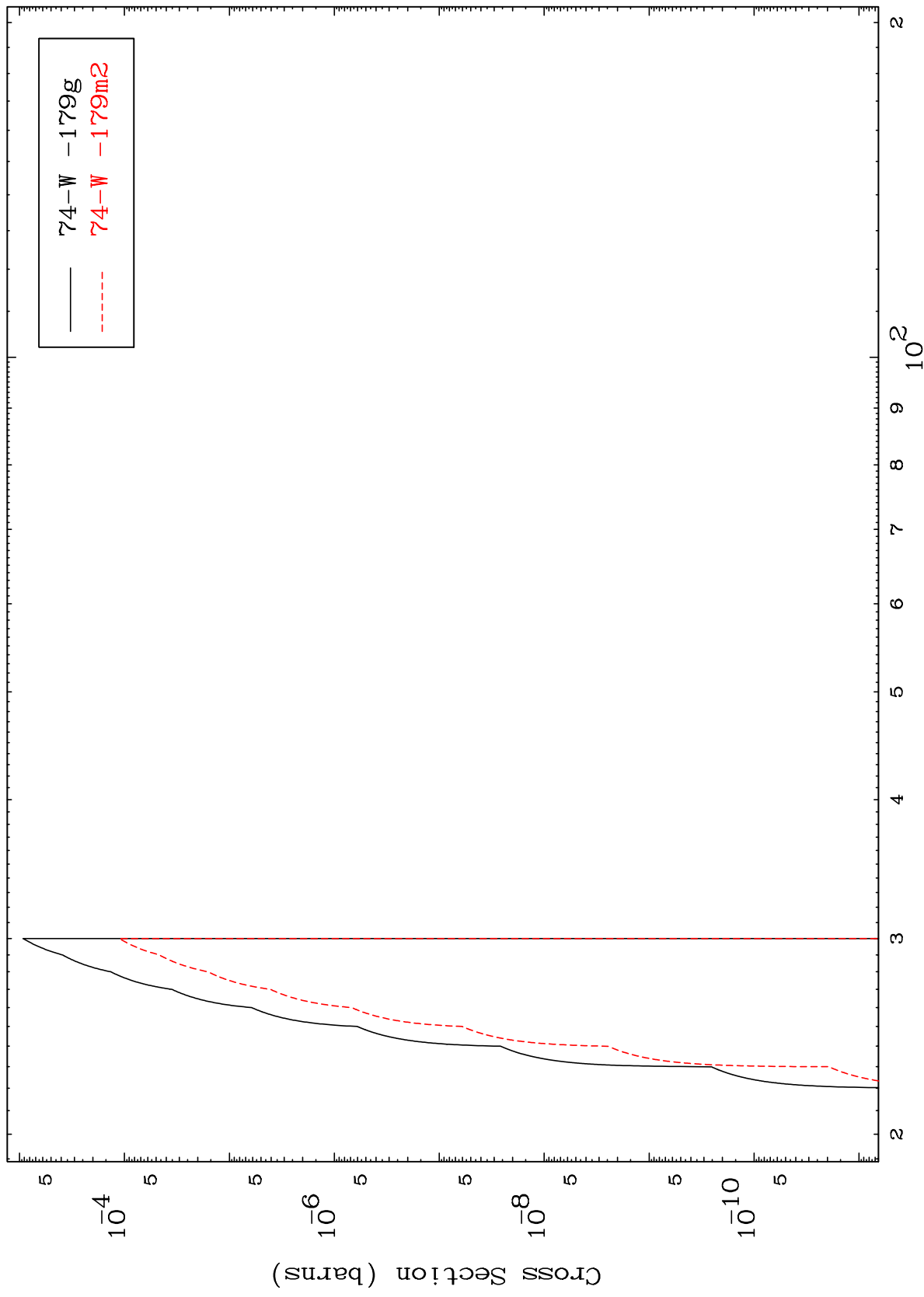


MAT 7517

(n,3n) p

75-Re-182m

Radionuclide Production Cross Section



22

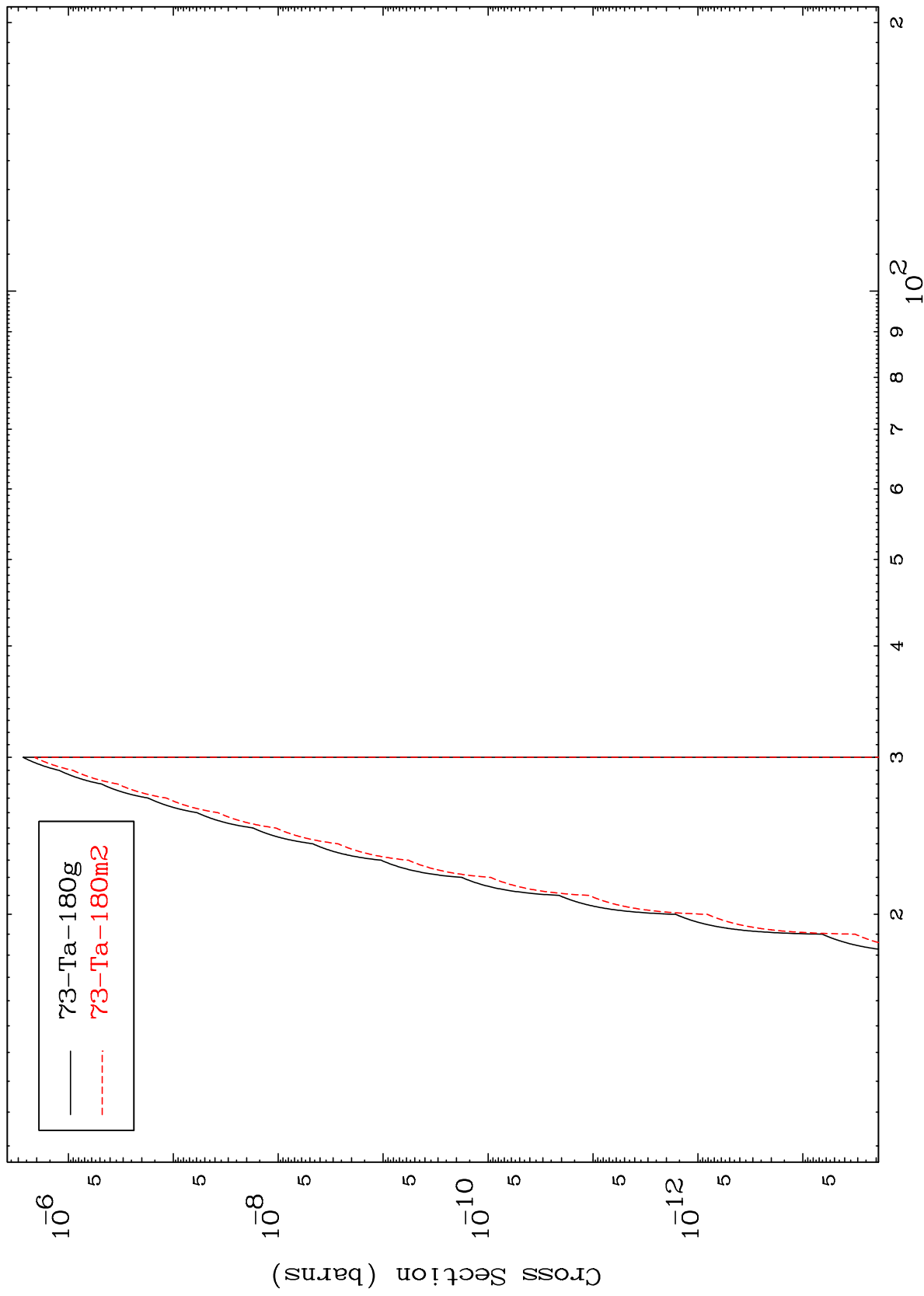
Incident Energy (MeV)

75-Re-182m

MAT 7517

75-Re-182m

(n,2n) p
Radionuclide Production Cross Section



75-Re-182m

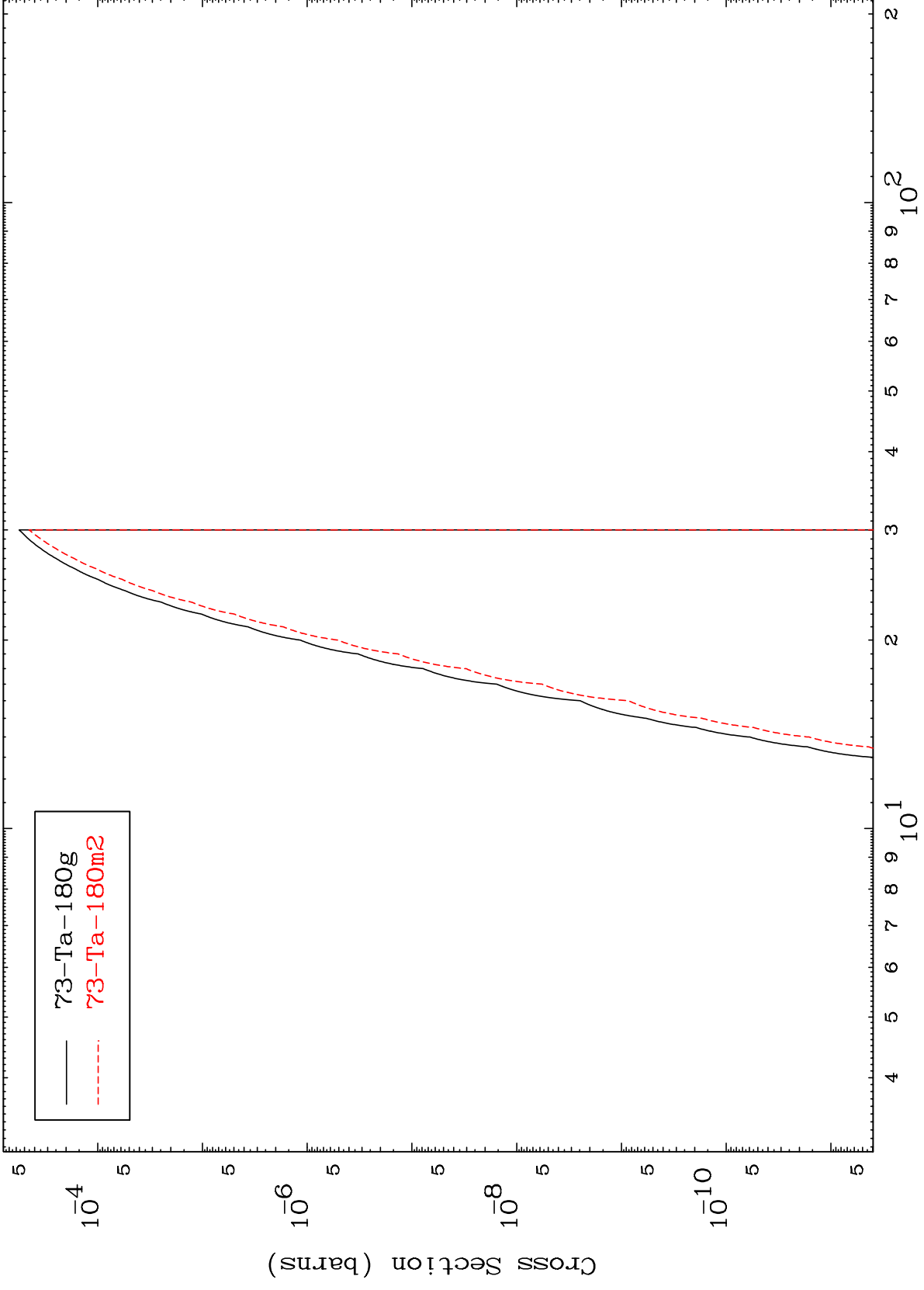
Incident Energy (MeV)

MAT 7517

(n,He-3)

75-Re-182m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

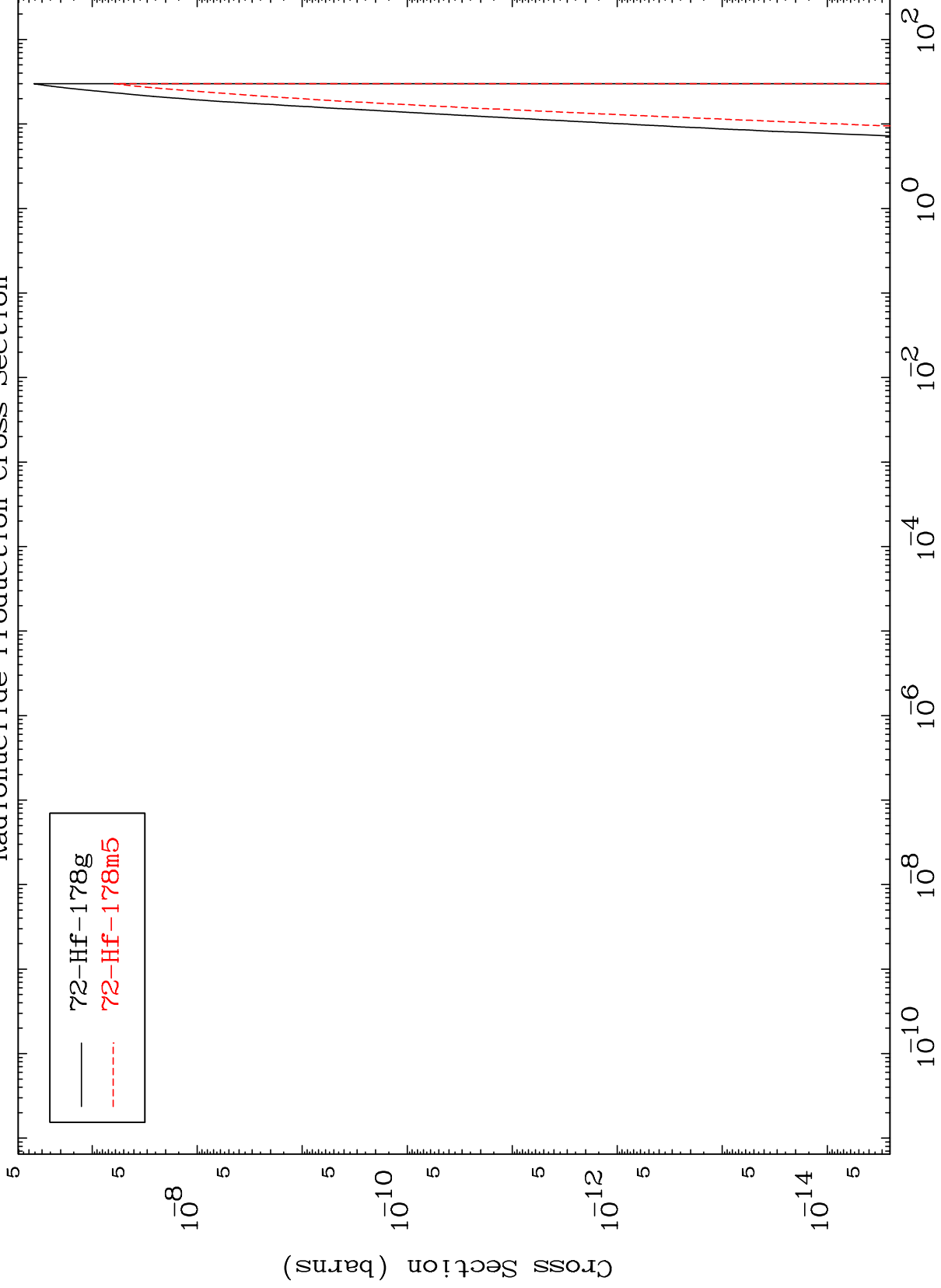
75-Re-182m

MAT 7517

(n,p) α

75-Re-182m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

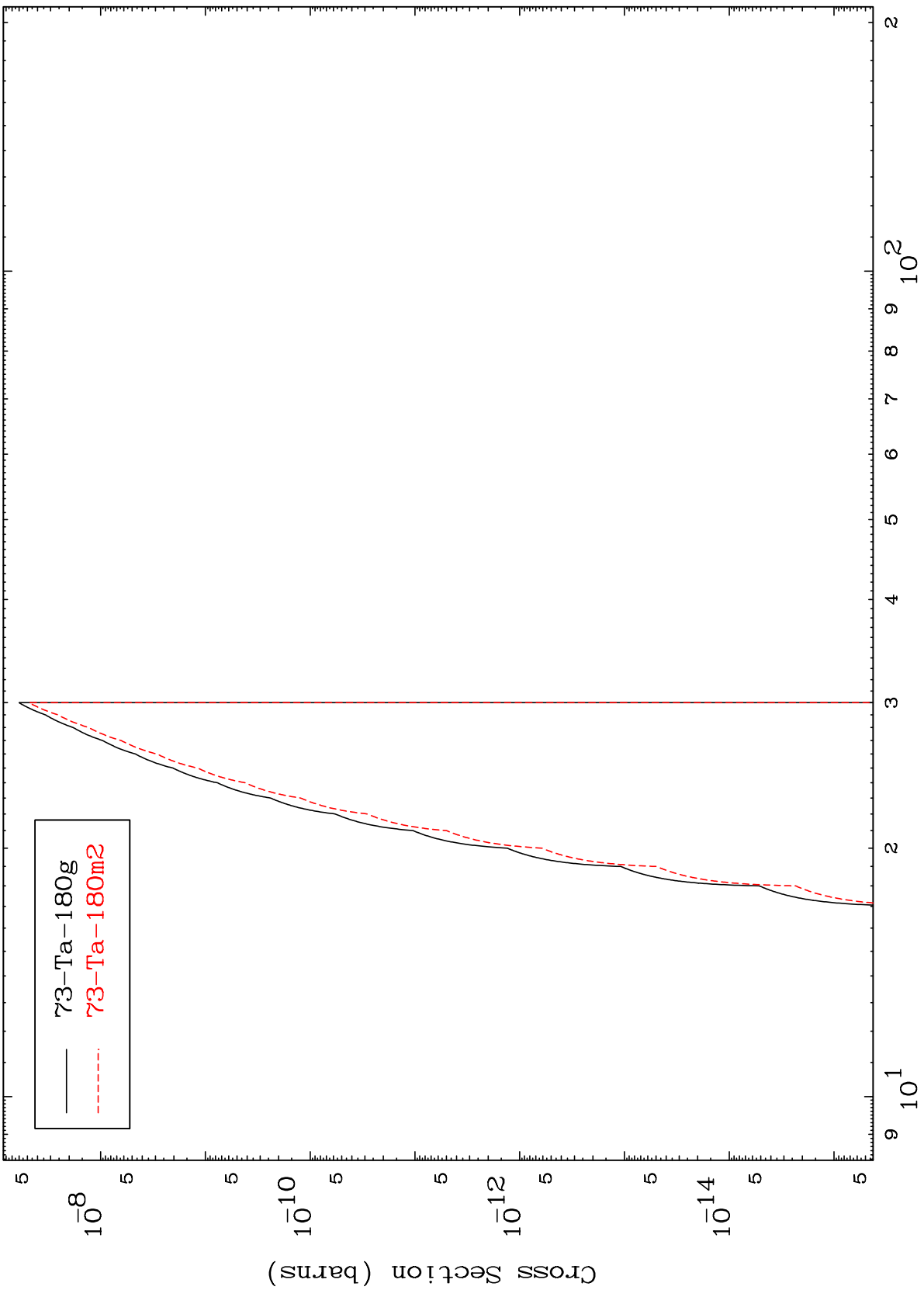
75-Re-182m

MAT 7517

(n,p) d

⁷⁵Re-182m

Radionuclide Production Cross Section



— ⁷³Ta-180g
- - - ⁷³Ta-180m2

26

Incident Energy (MeV)

⁷⁵Re-182m