

Program EVALPLOT
(Version 2021-1)

by

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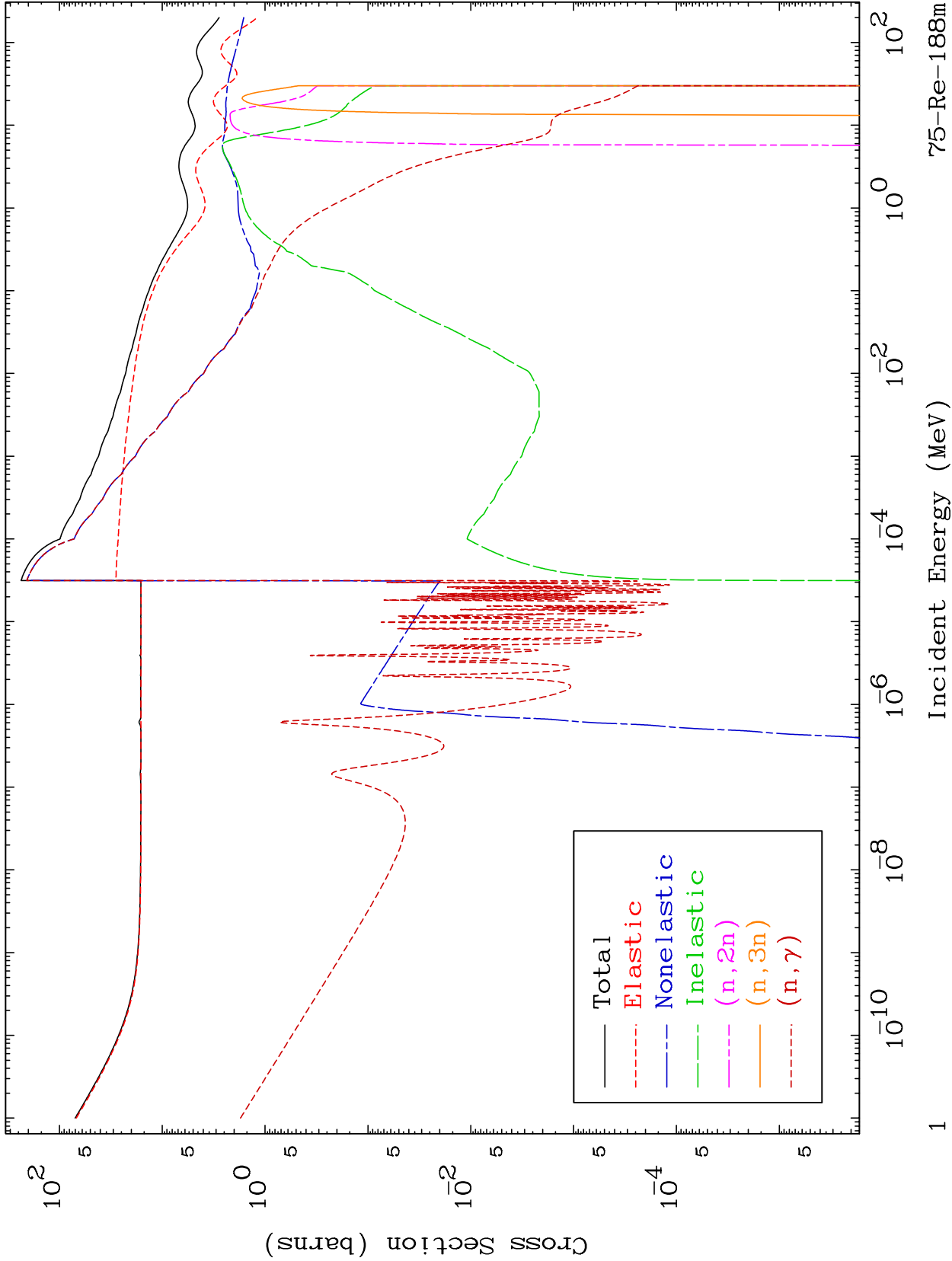
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7535

Neutron Major
293 Kelvin Cross Sections

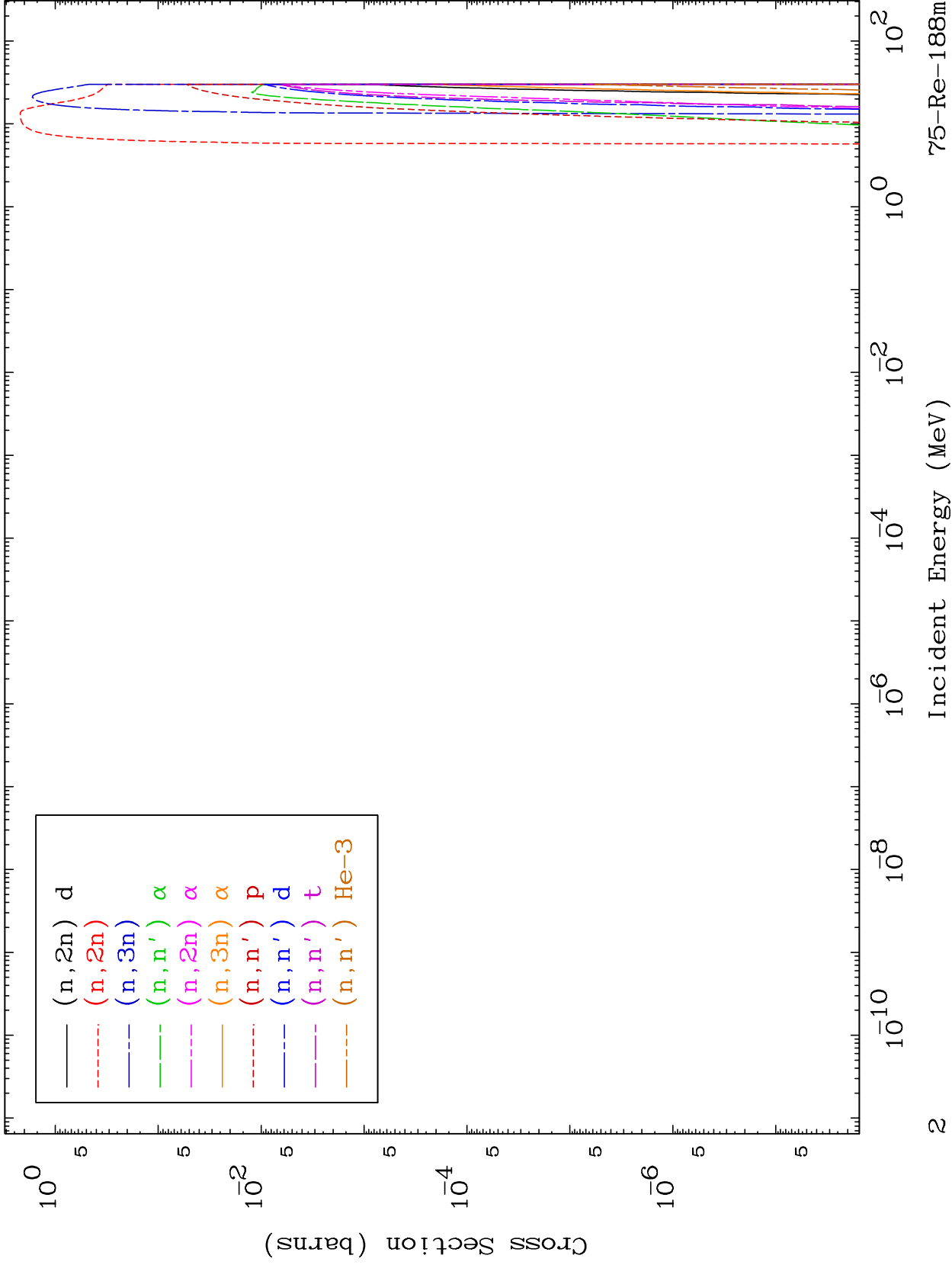
75-Re-188m



MAT 7535

Neutron Absorption
293 Kelvin Cross Sections

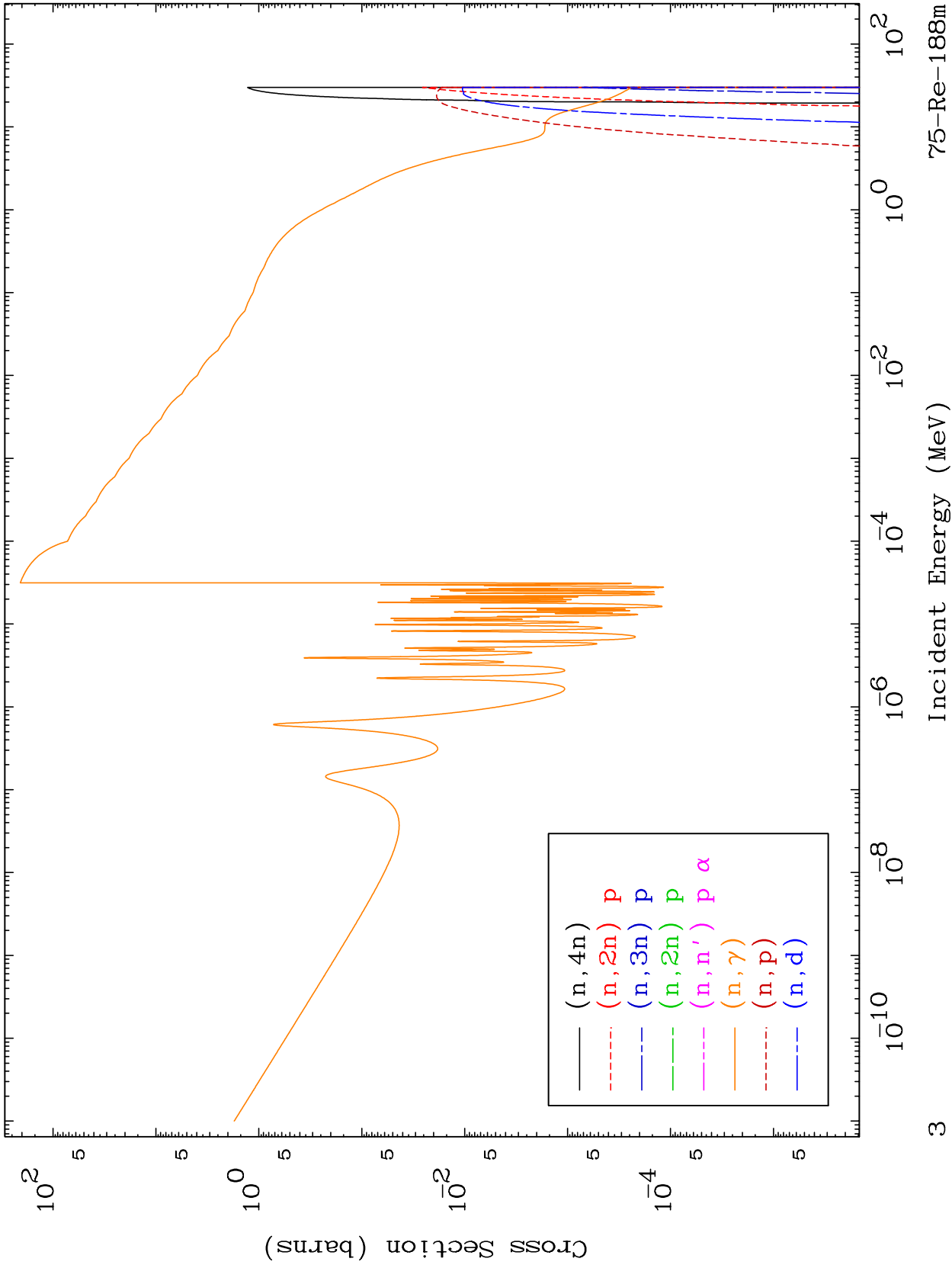
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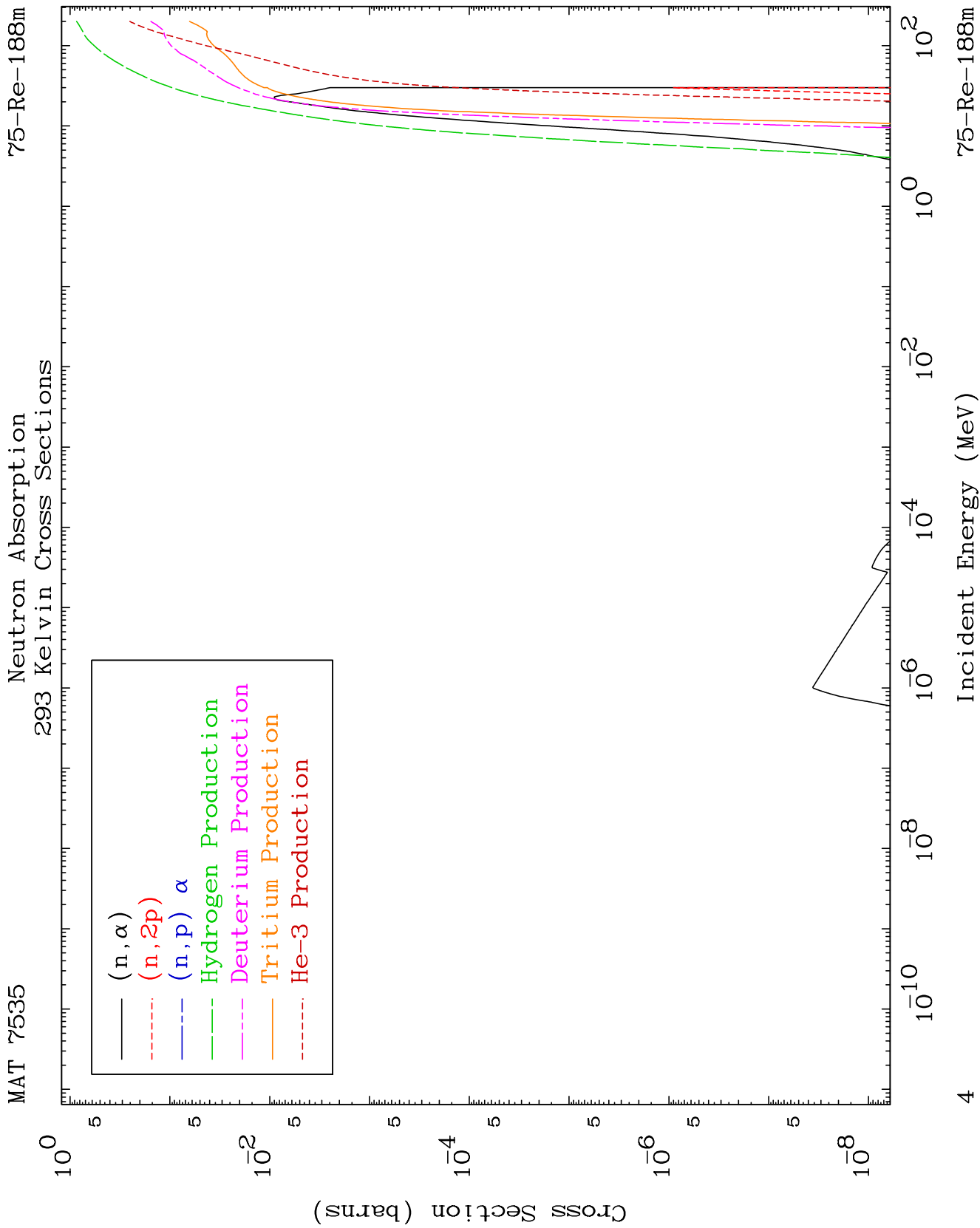


MAT 7535

Neutron Absorption
293 Kelvin Cross Sections

75-Re-188m

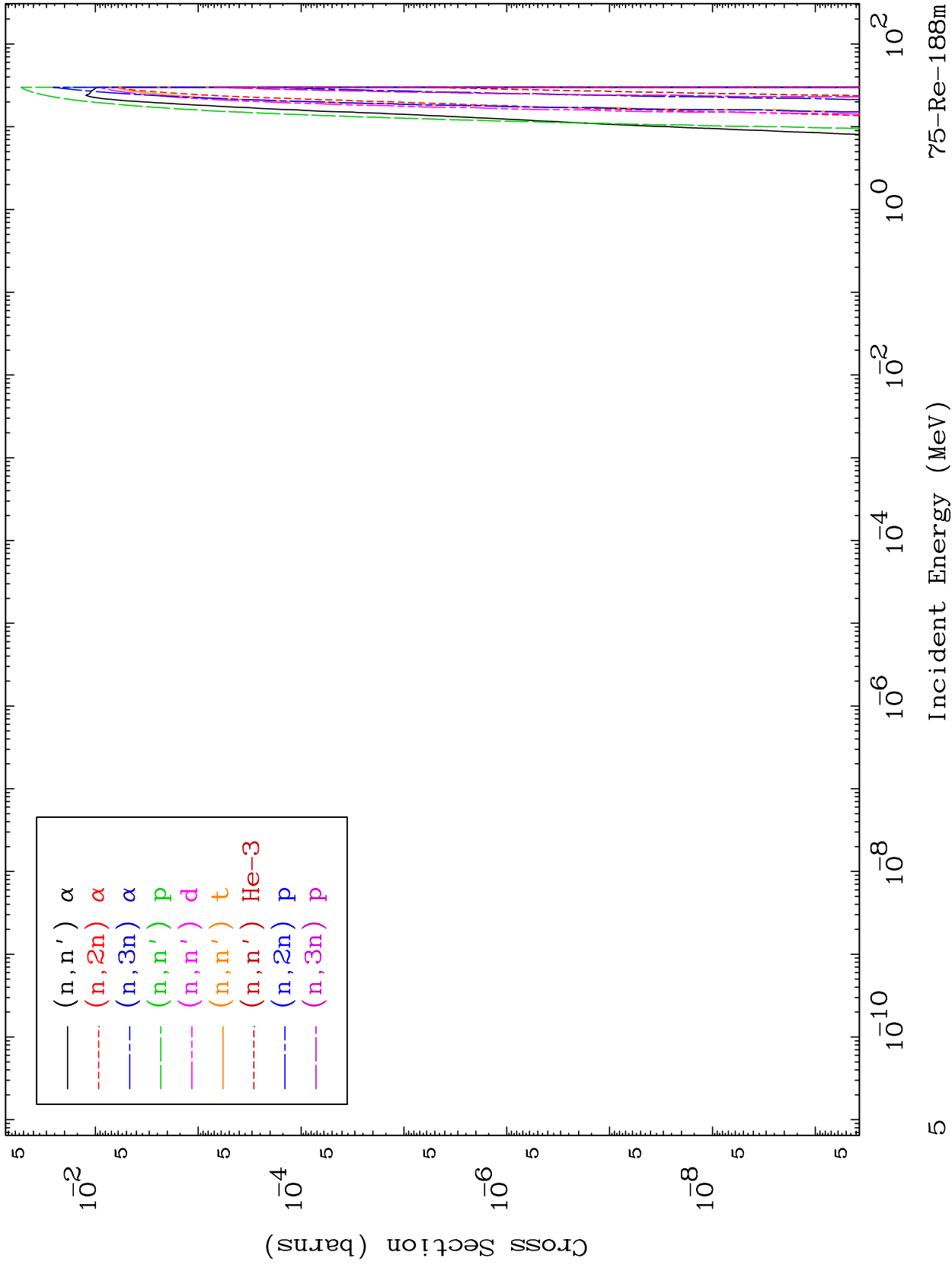




MAT 7535

Charged Particle
293 Kelvin Cross Sections

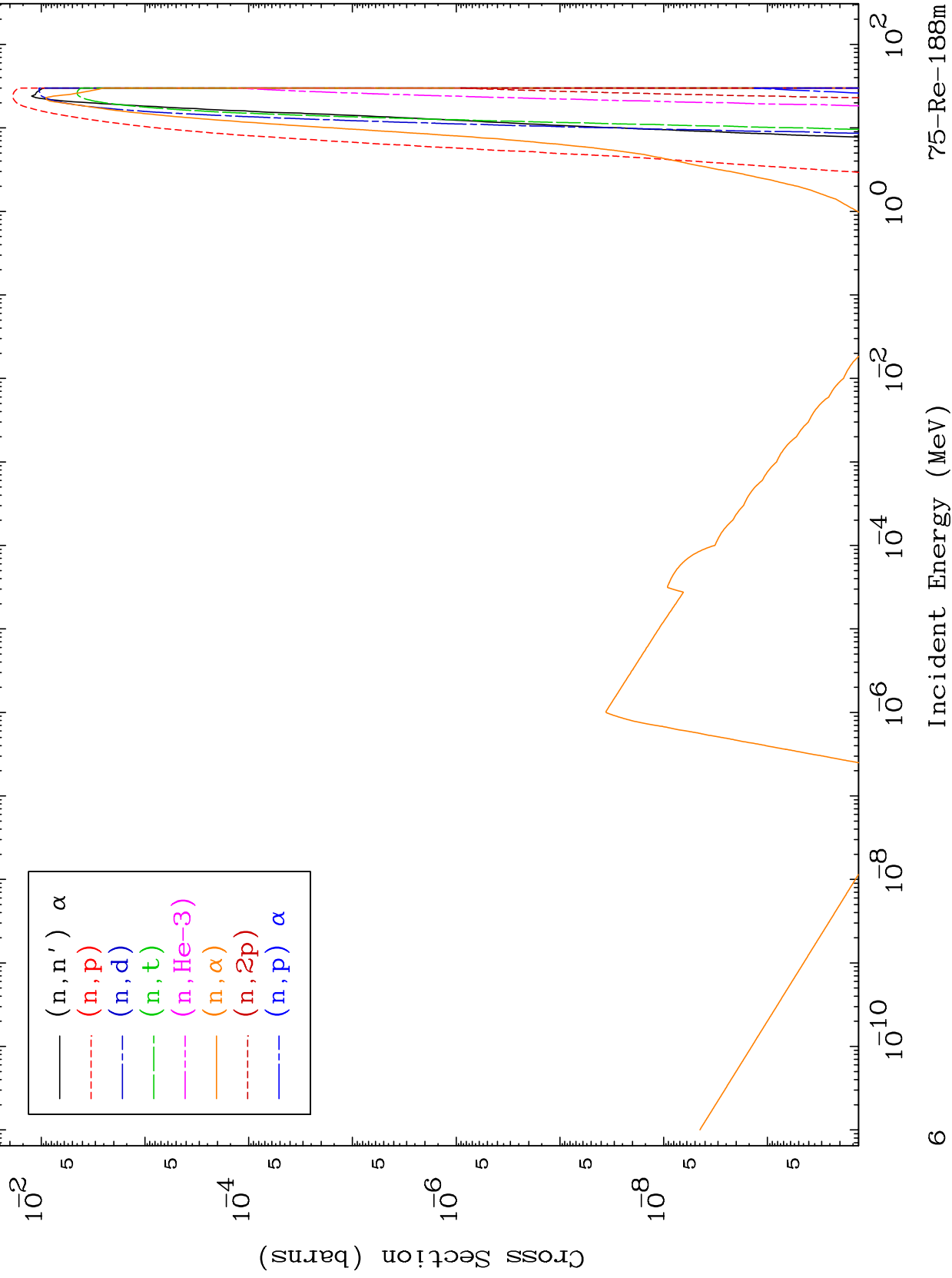
75-Re-188m



MAT 7535

Charged Particle
293 Kelvin Cross Sections

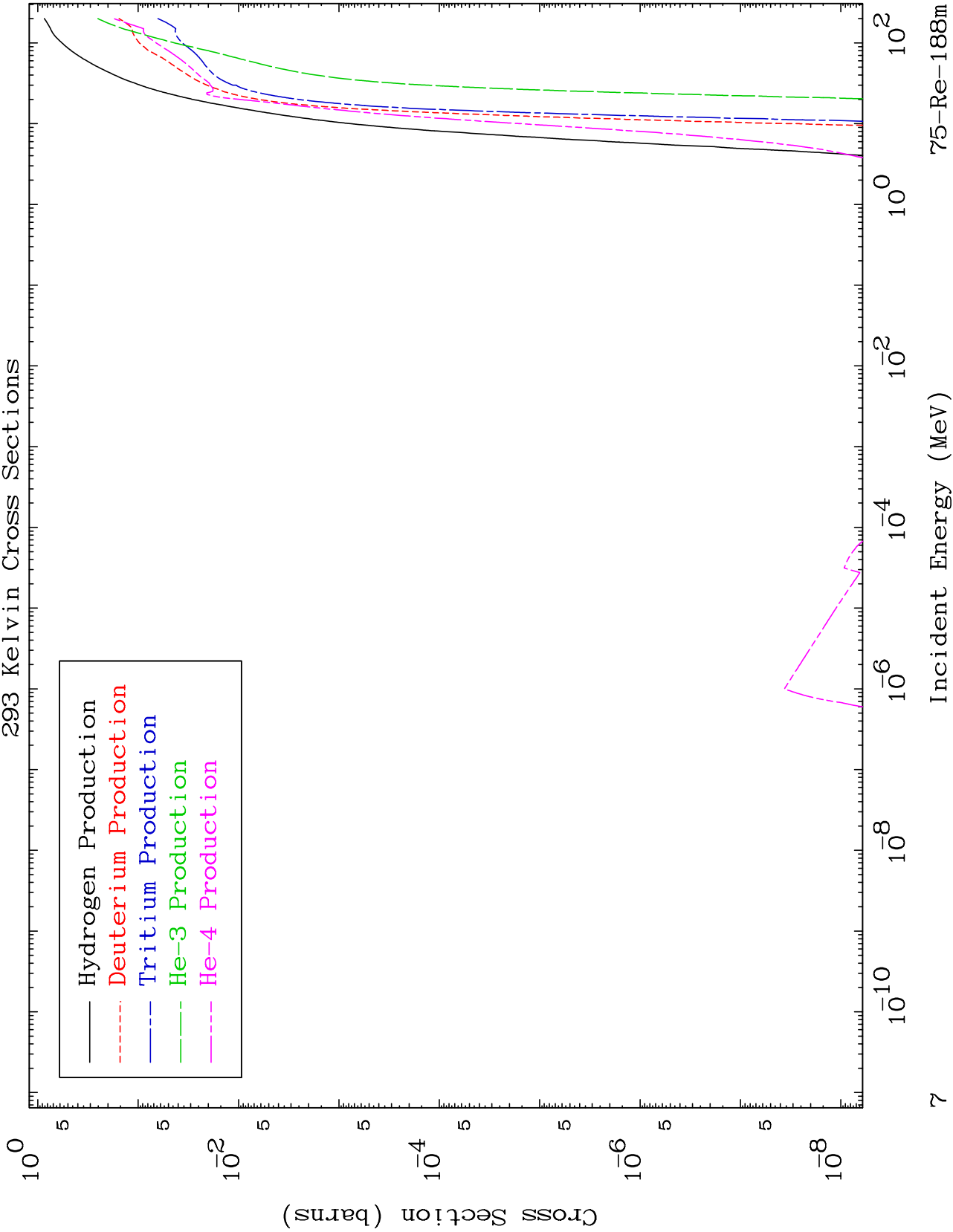
75-Re-188m



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Particle Production
293 Kelvin Cross Sections

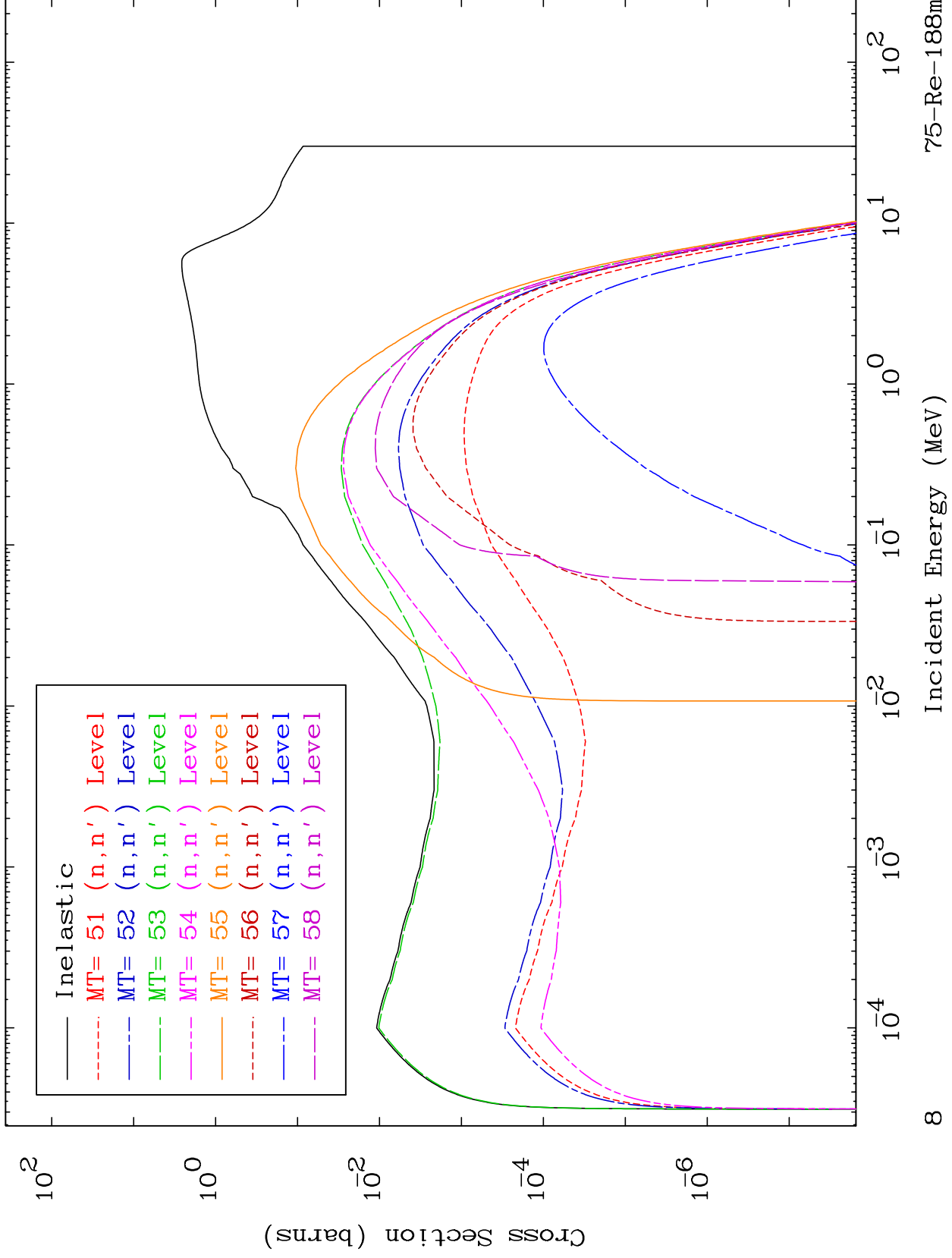
75-Re-188m



MAT 7535

(n,n') Levels
293 Kelvin Cross Sections

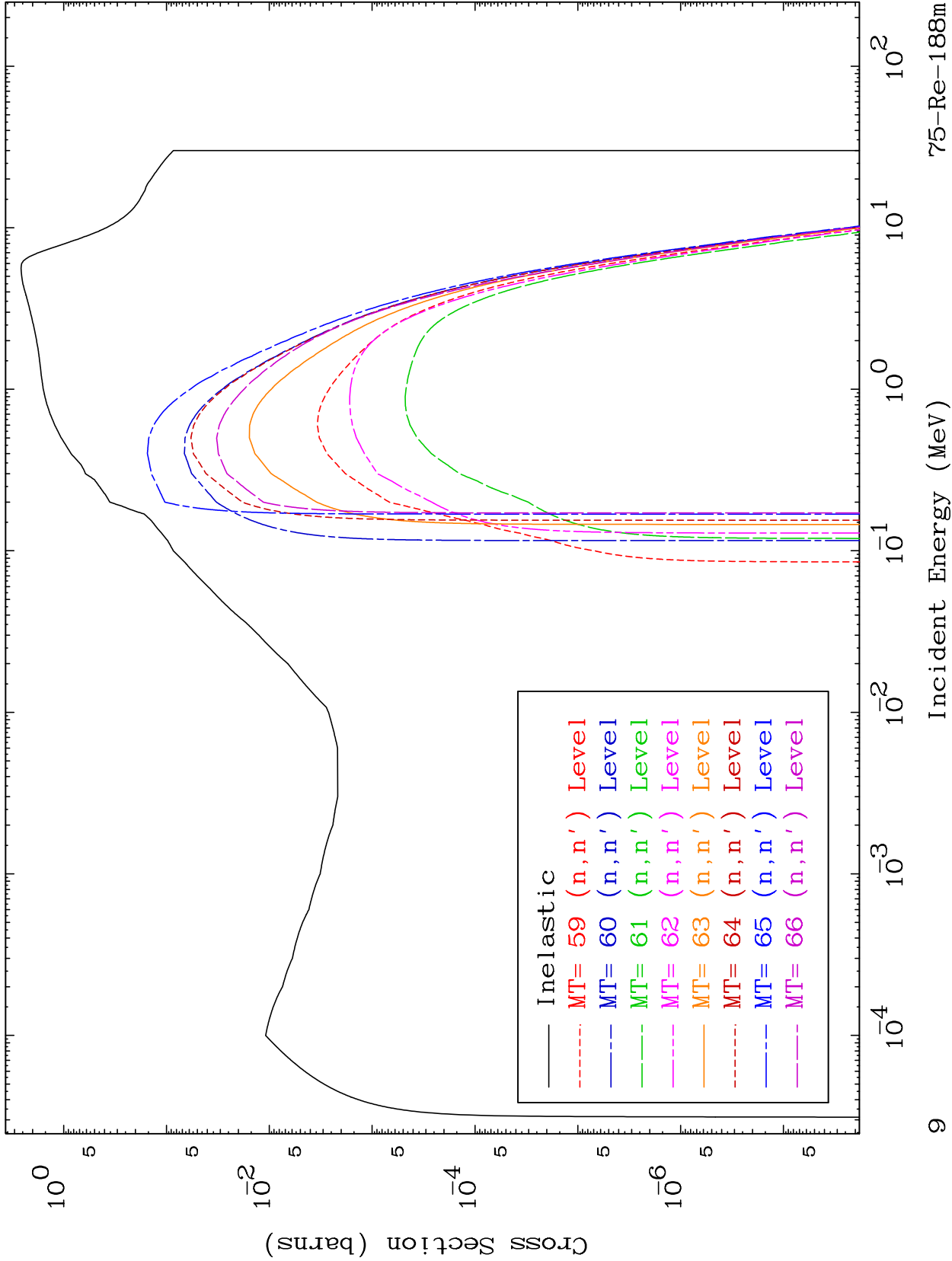
⁷⁵Re-188m



MAT 7535

(n,n') Levels
293 Kelvin Cross Sections

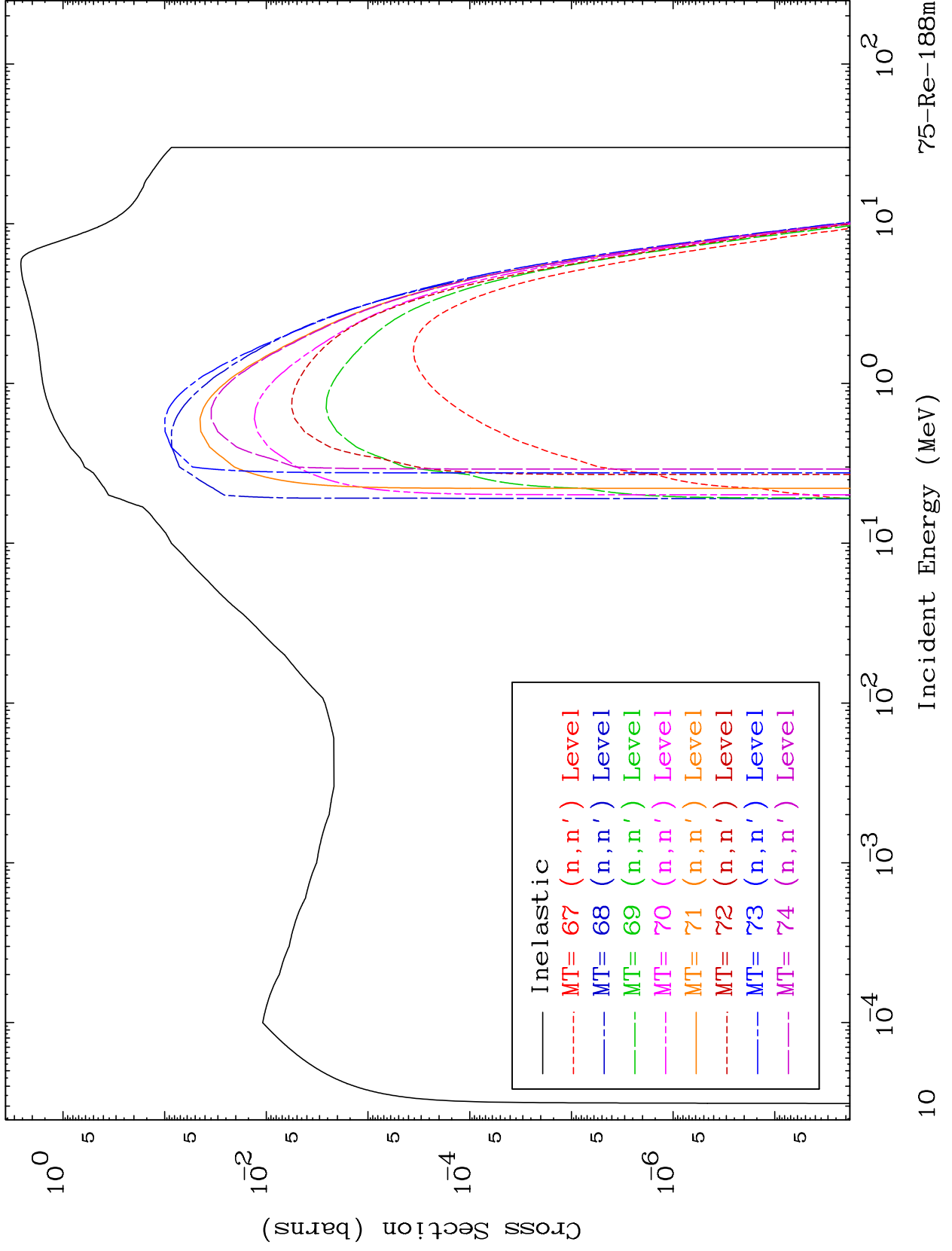
75-Re-188m



MAT 7535

(n,n') Levels
293 Kelvin Cross Sections

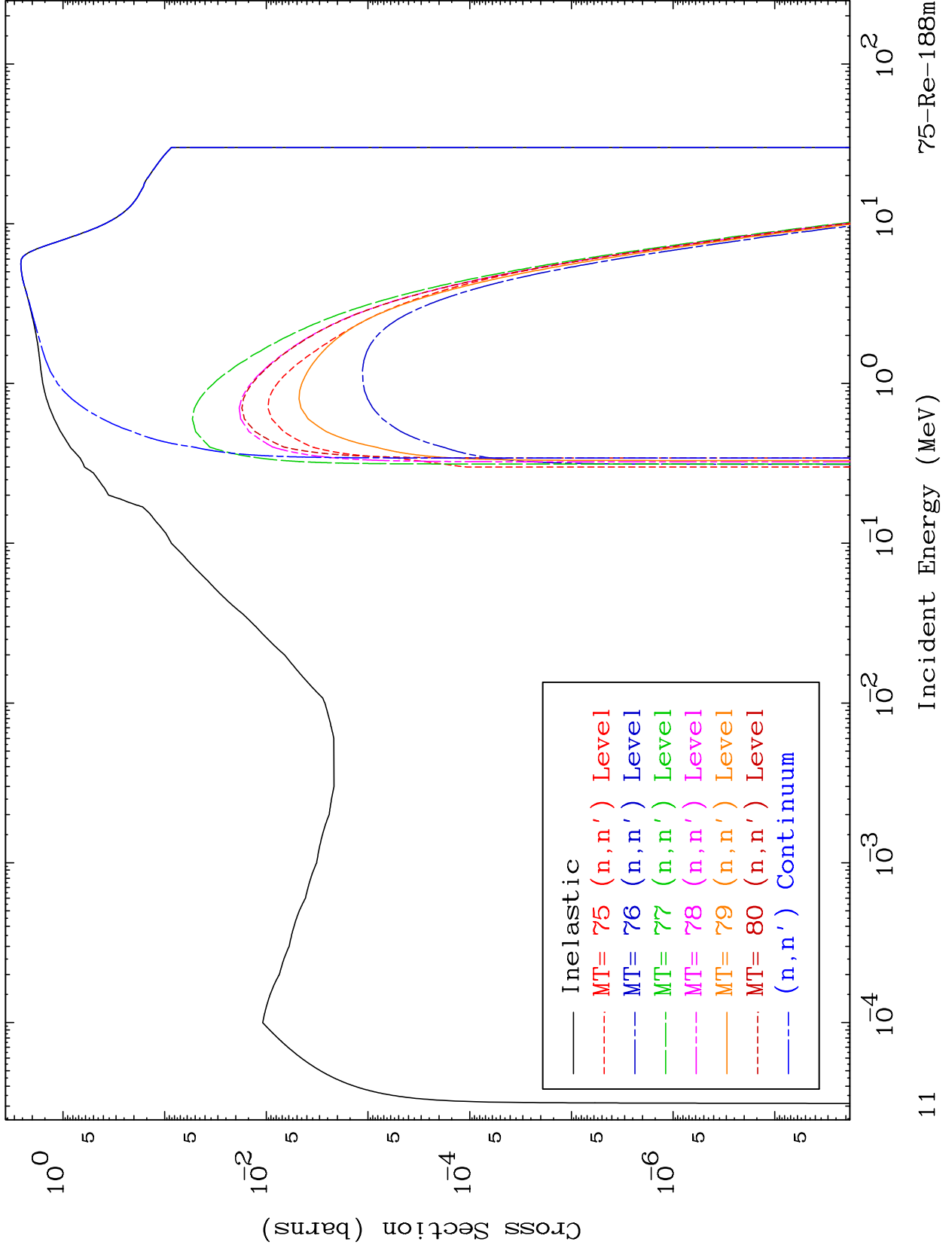
75-Re-188m



MAT 7535

(n,n') Levels
293 Kelvin Cross Sections

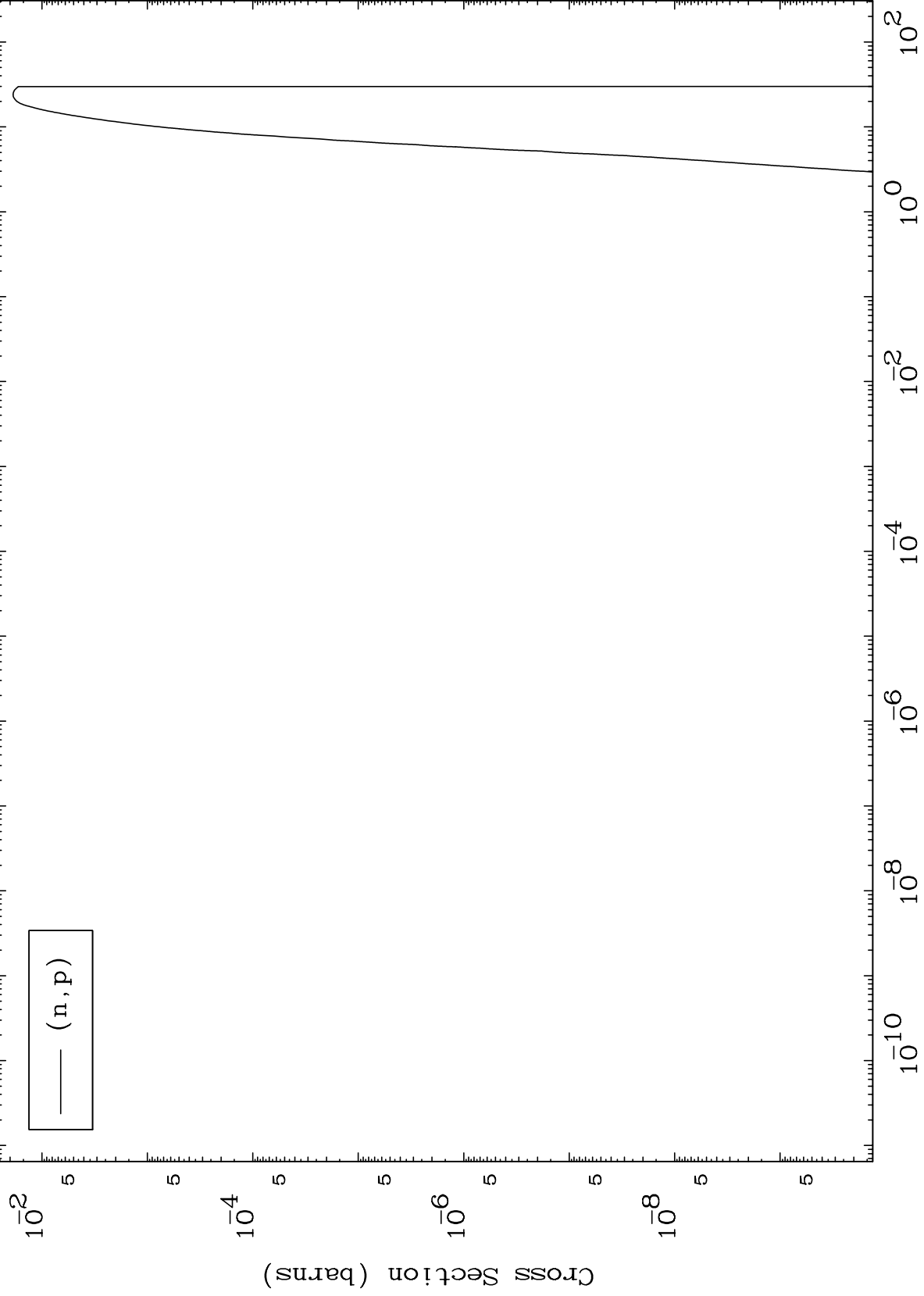
75-Re-188m



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(n,p) Levels
293 Kelvin Cross Sections

⁷⁵Re-188m



(n,p)

⁷⁵Re-188m

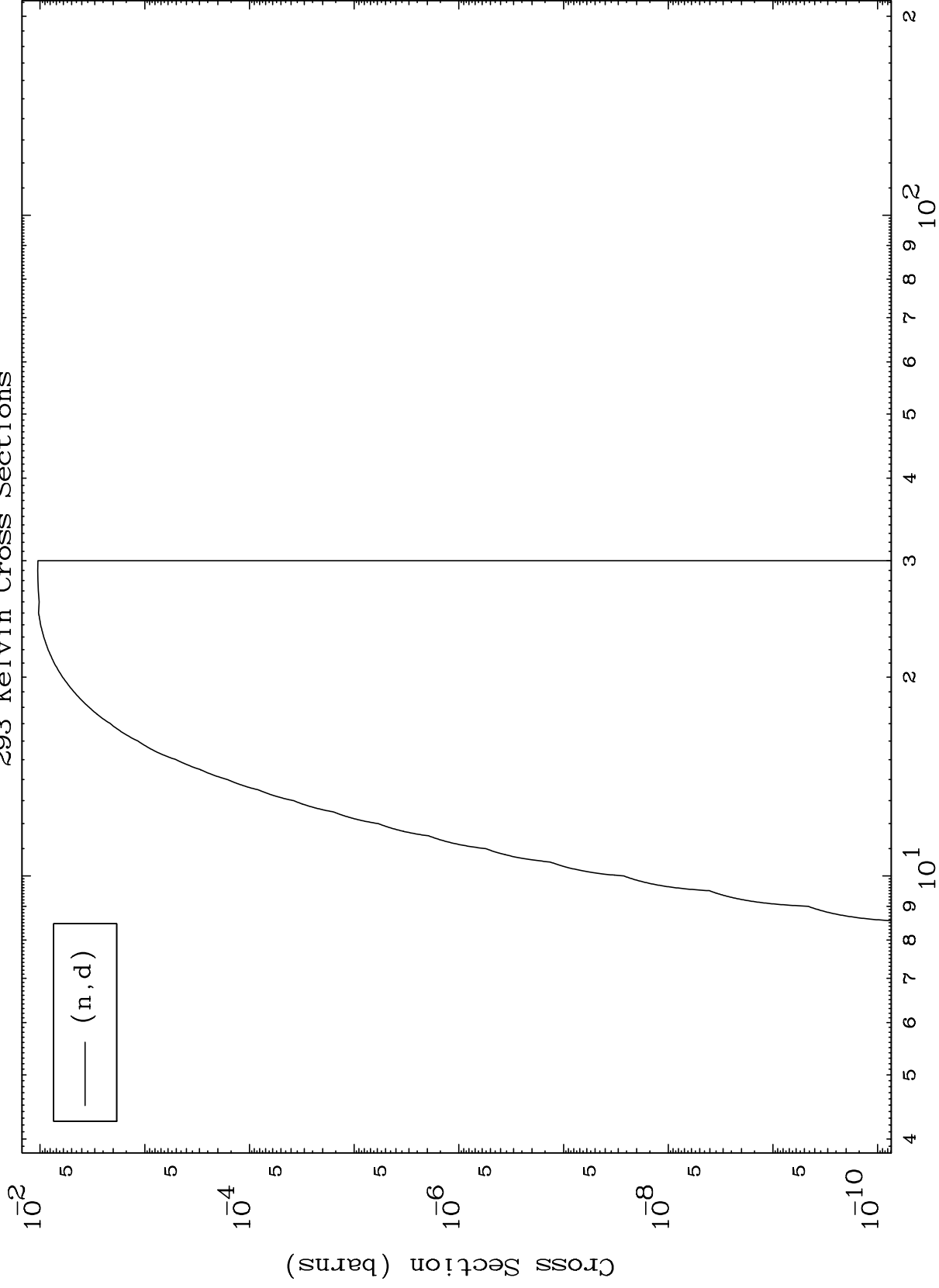
Incident Energy (MeV)

12

MAT 7535

(n,d) Levels
293 Kelvin Cross Sections

75-Re-188m



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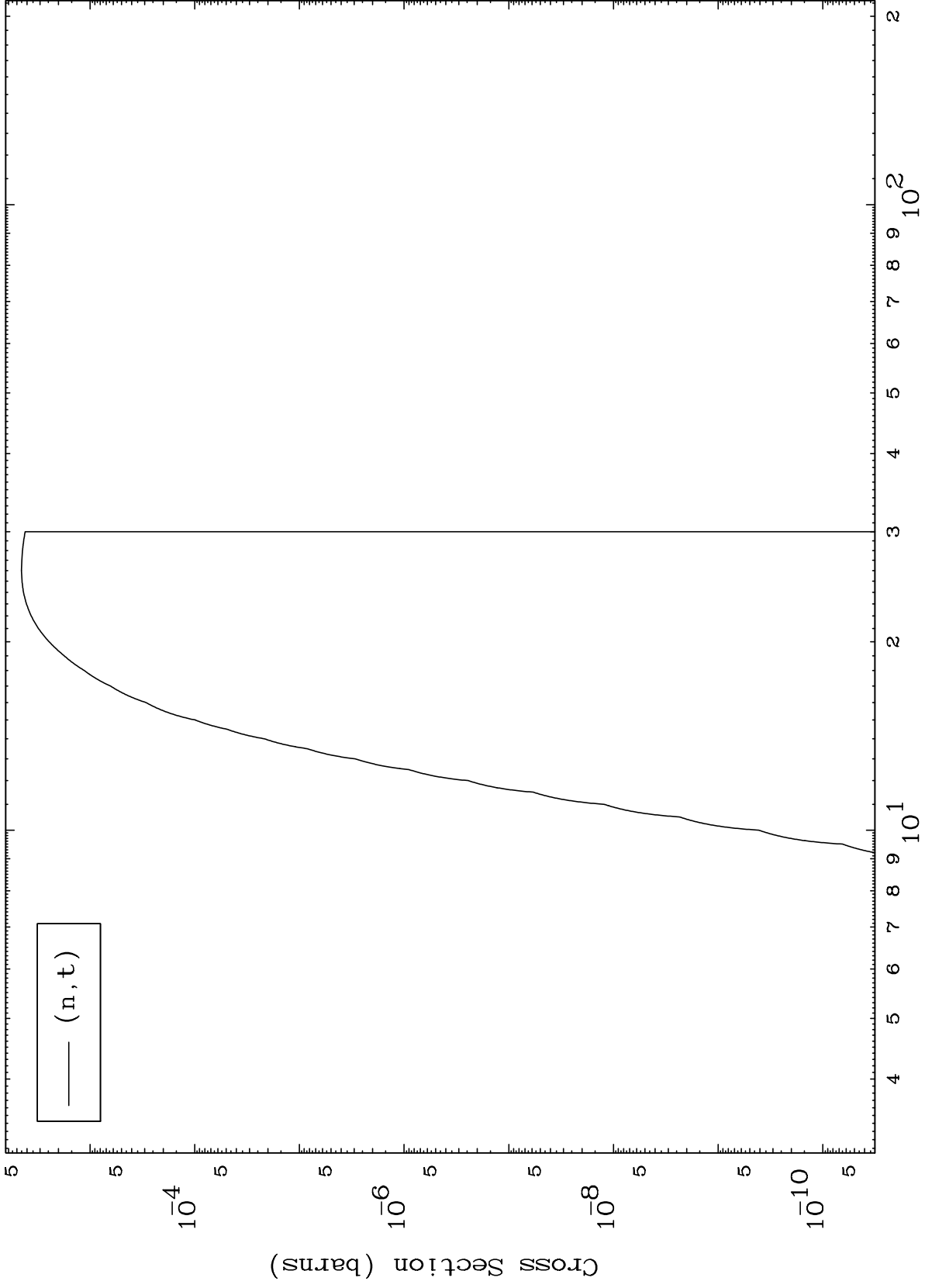
Incident Energy (MeV)

75-Re-188m

MAT 7535

(n,t) Levels
293 Kelvin Cross Sections

75-Re-188m



14

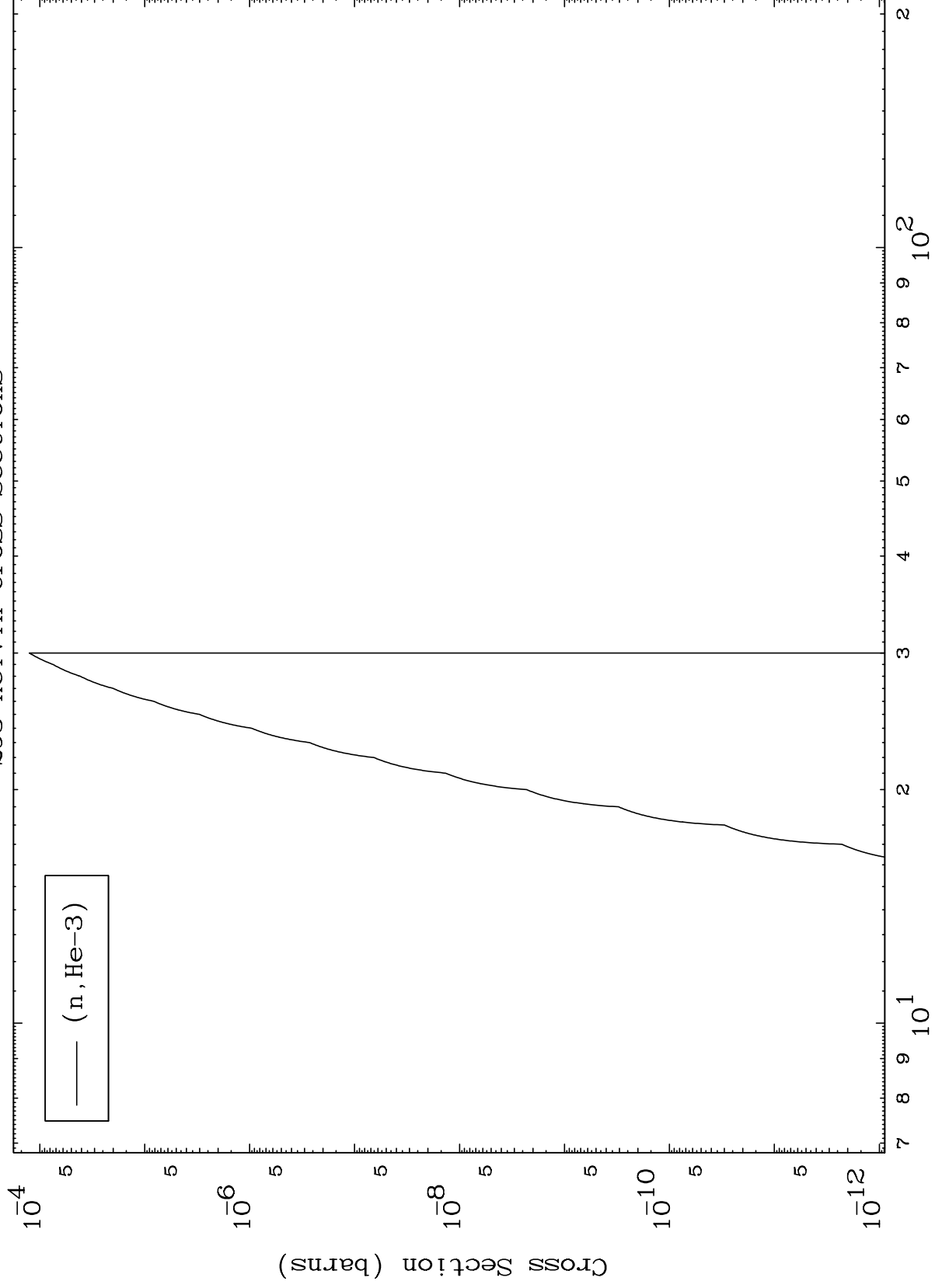
Incident Energy (MeV)

75-Re-188m

MAT 7535

(n,He3) Levels
293 Kelvin Cross Sections

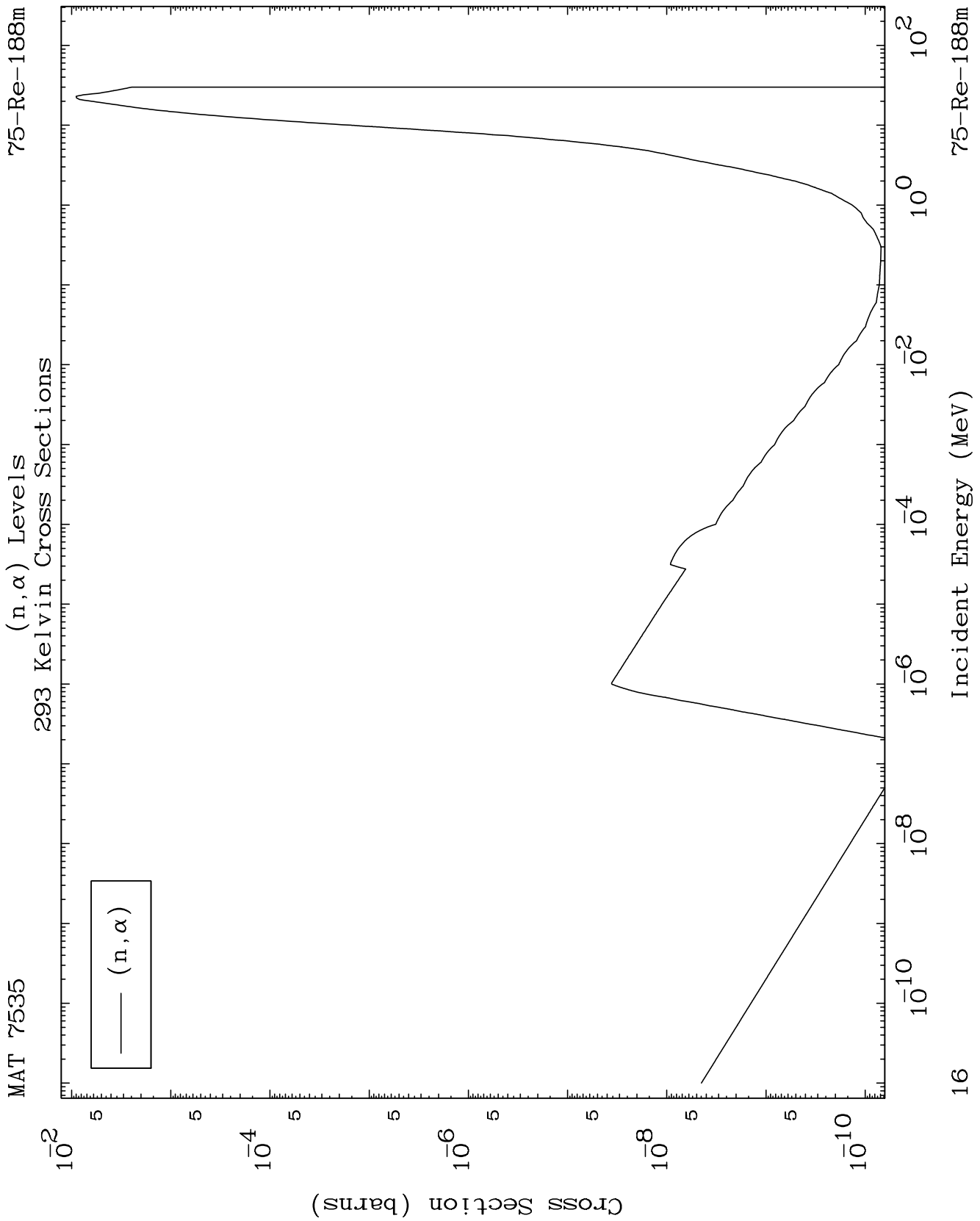
75-Re-188m

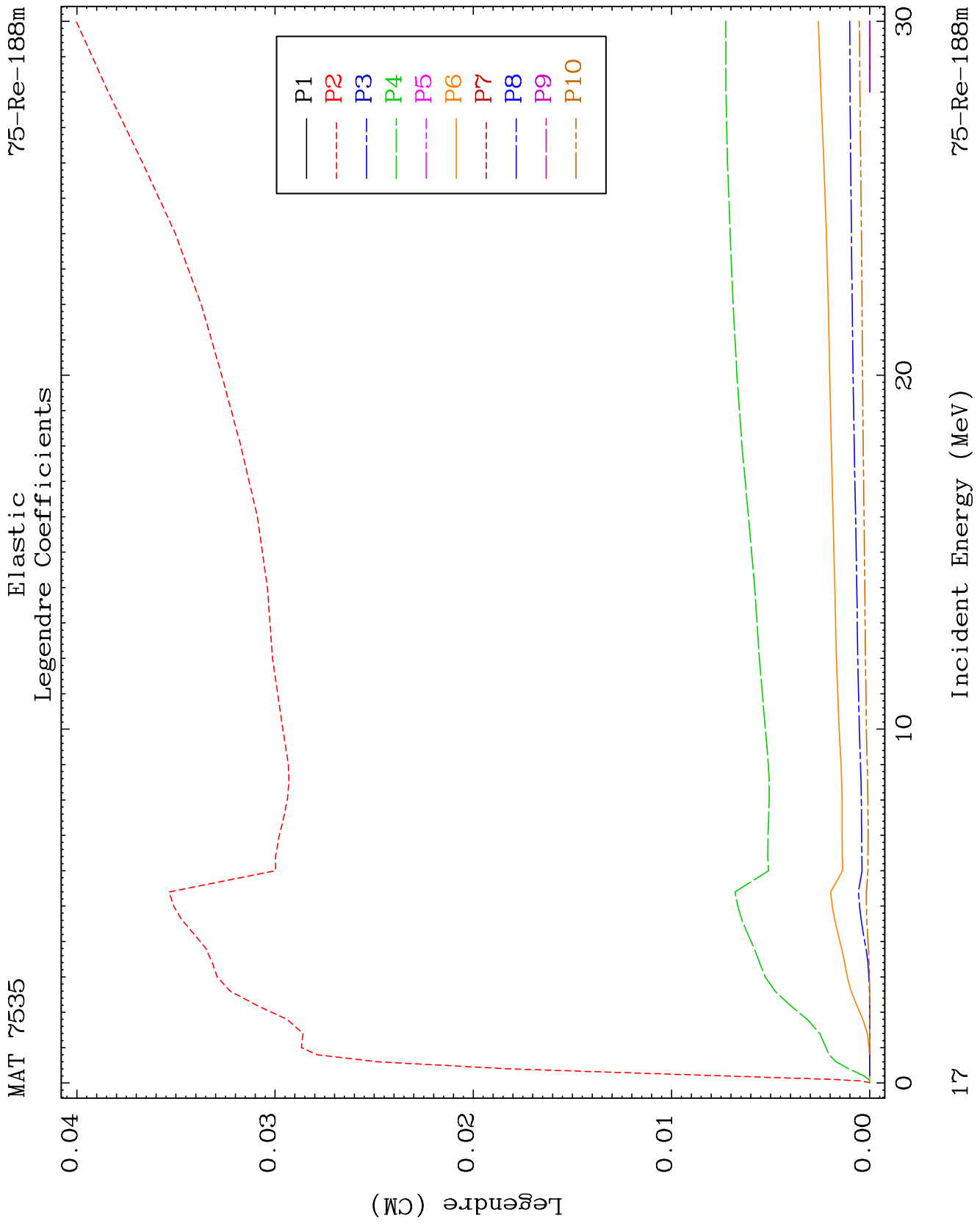


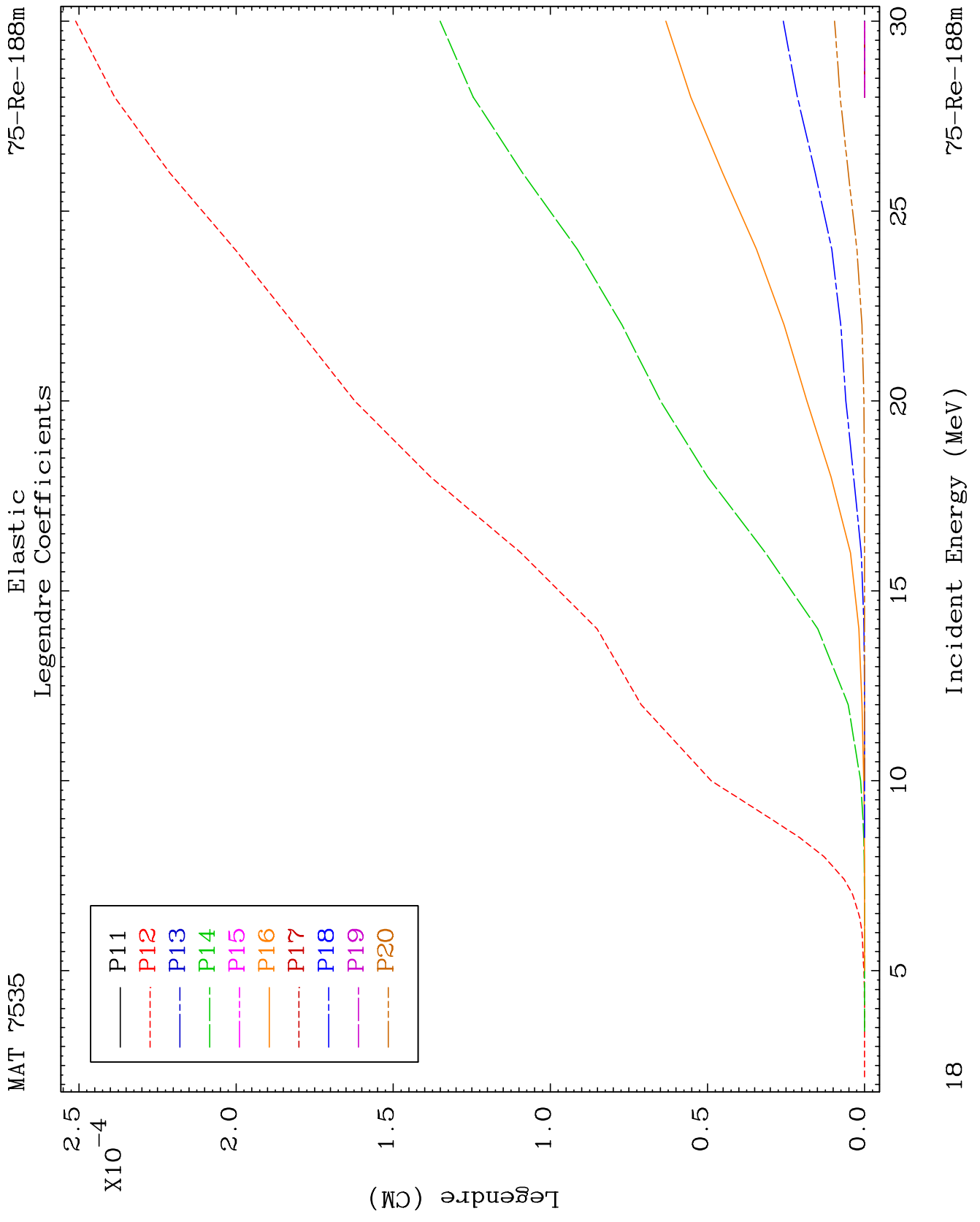
15

Incident Energy (MeV)

75-Re-188m



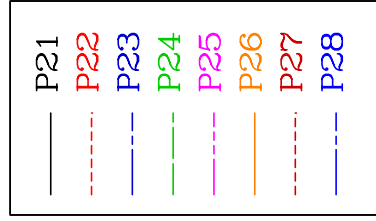




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Elastic Legendre Coefficients

75-Re-188m



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)



19

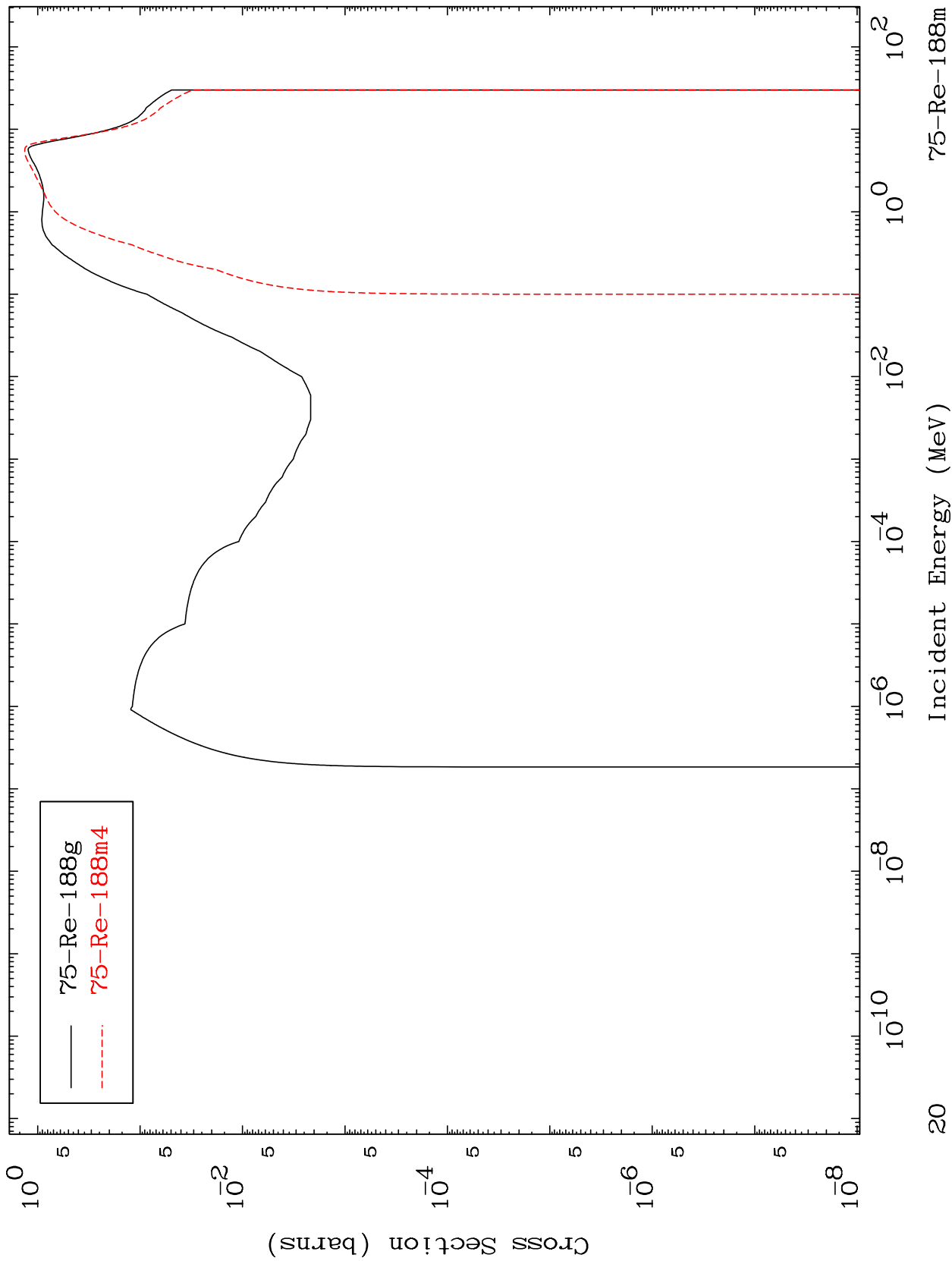
Incident Energy (MeV)

75-Re-188m

MAT 7535

75-Re-188m

Inelastic
Radionuclide Production Cross Section

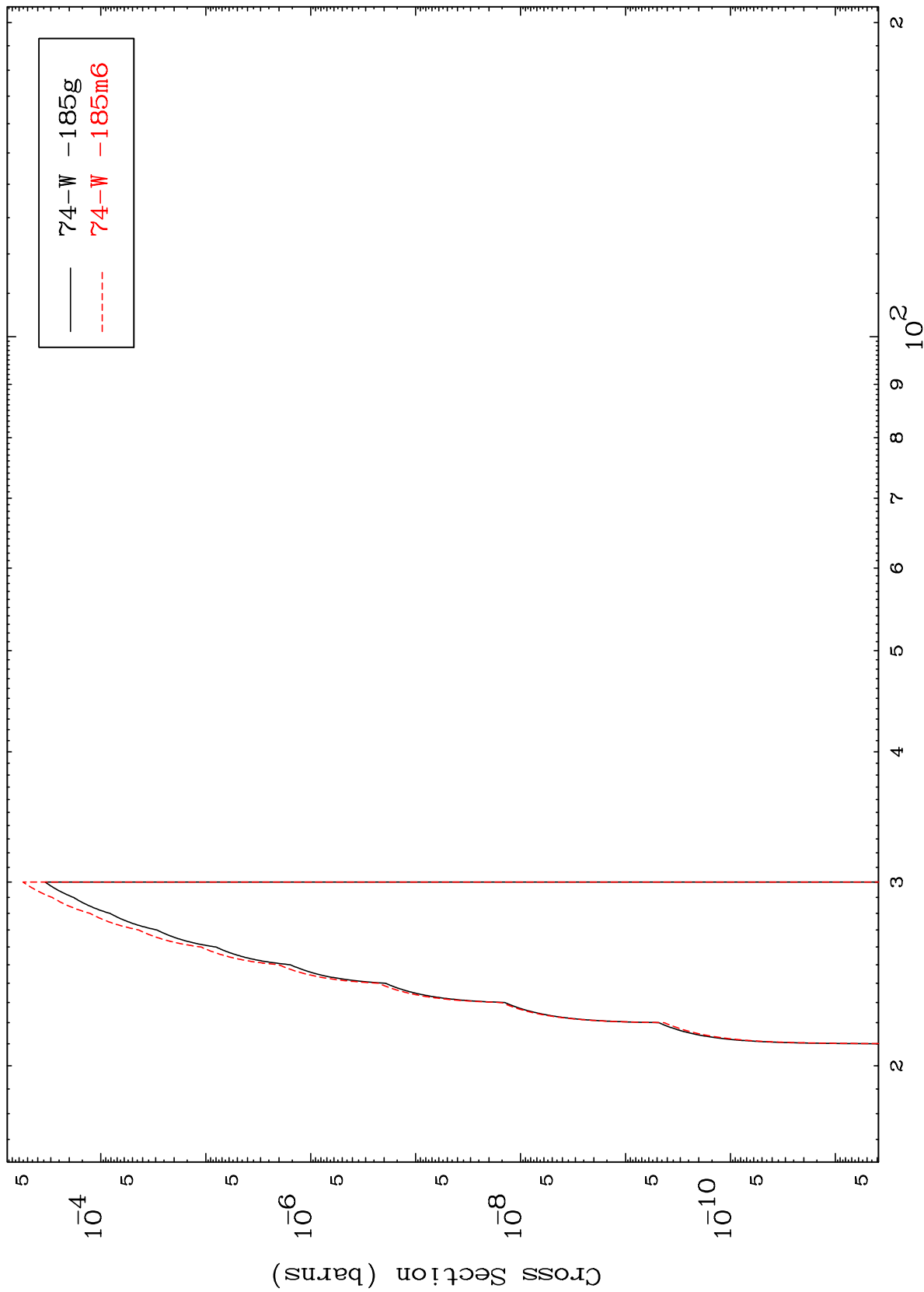


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(n,2n) d

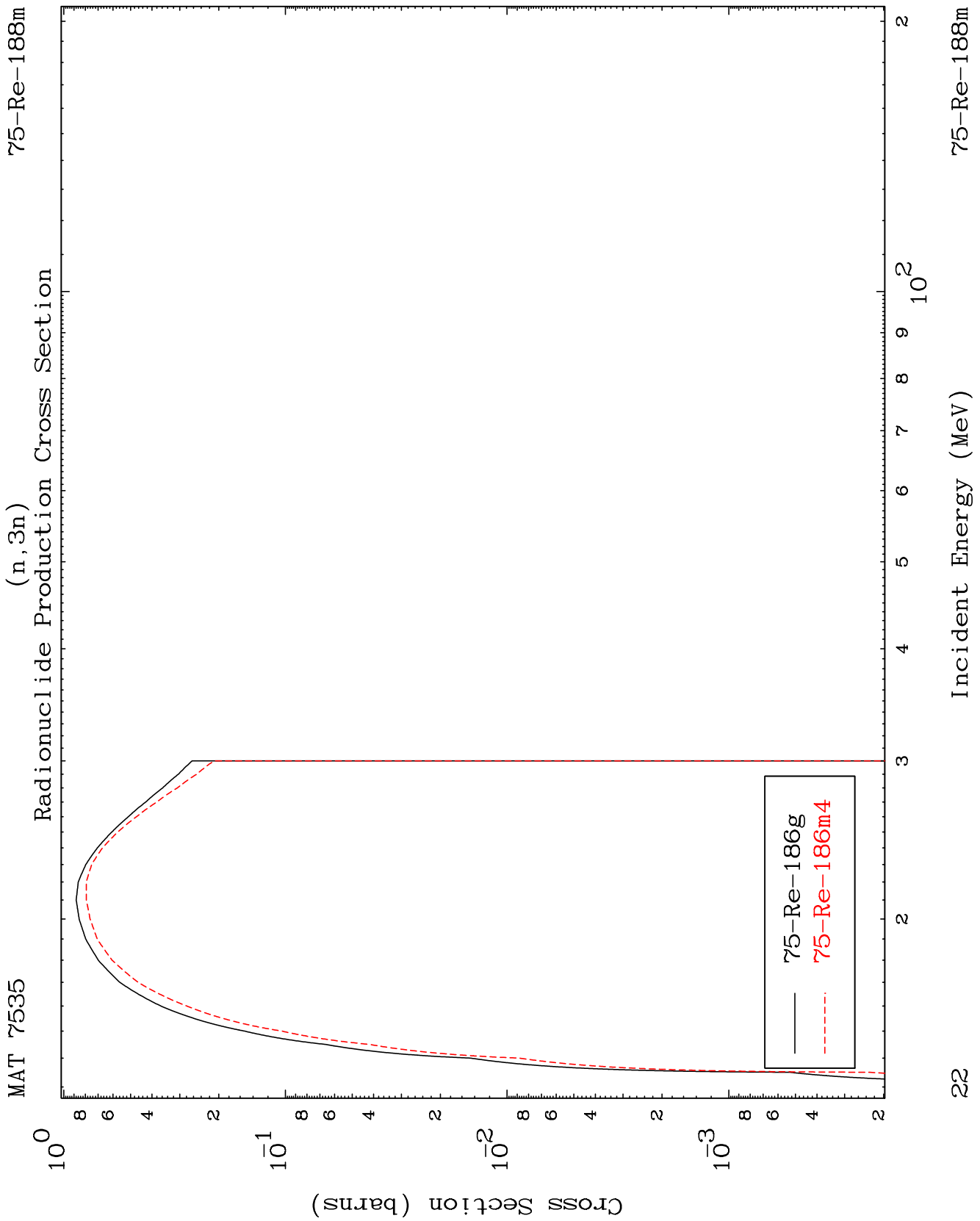
⁷⁵Re-188m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁵Re-188m

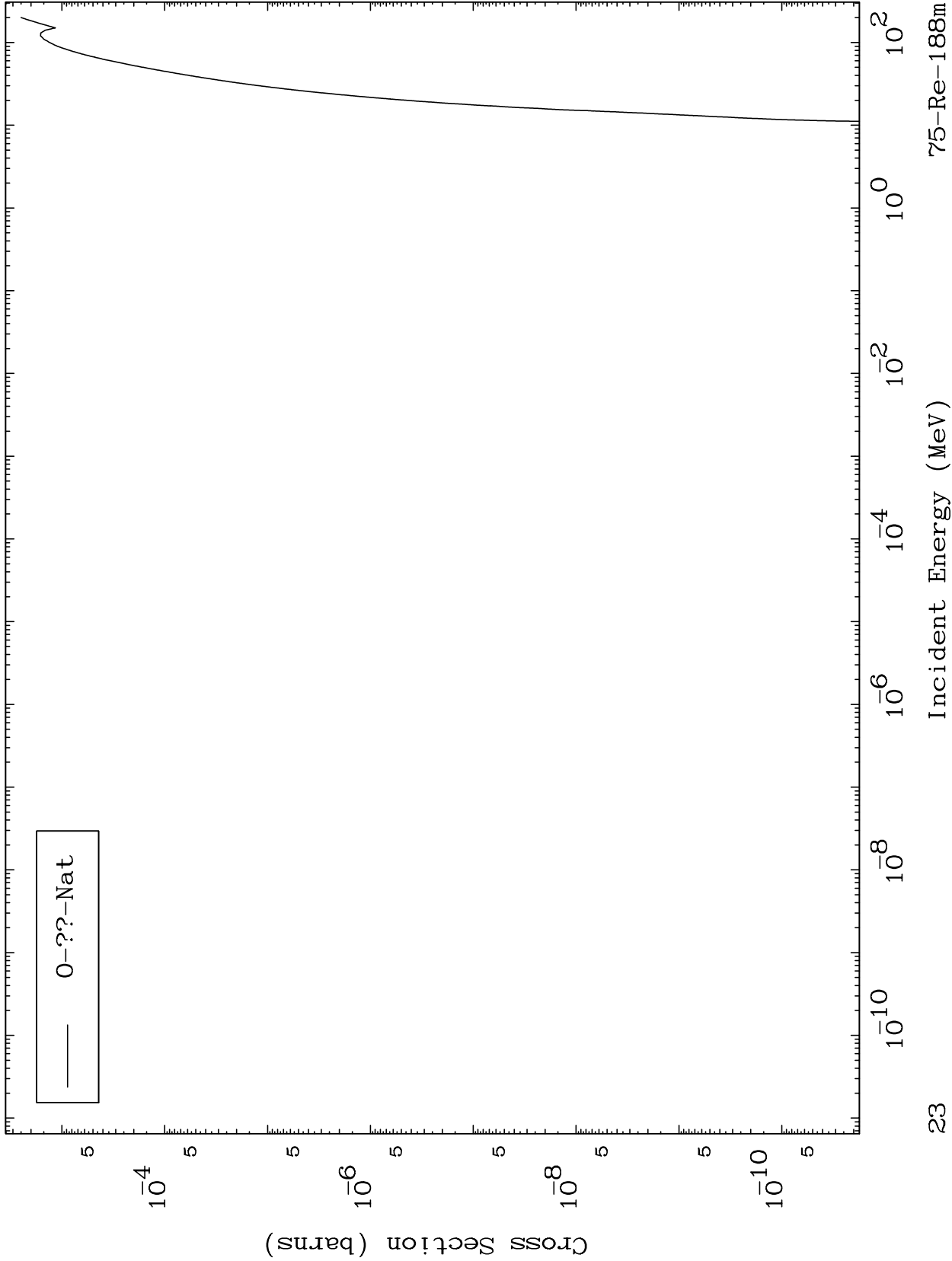


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Fission

⁷⁵Re-188m

Radionuclide Production Cross Section

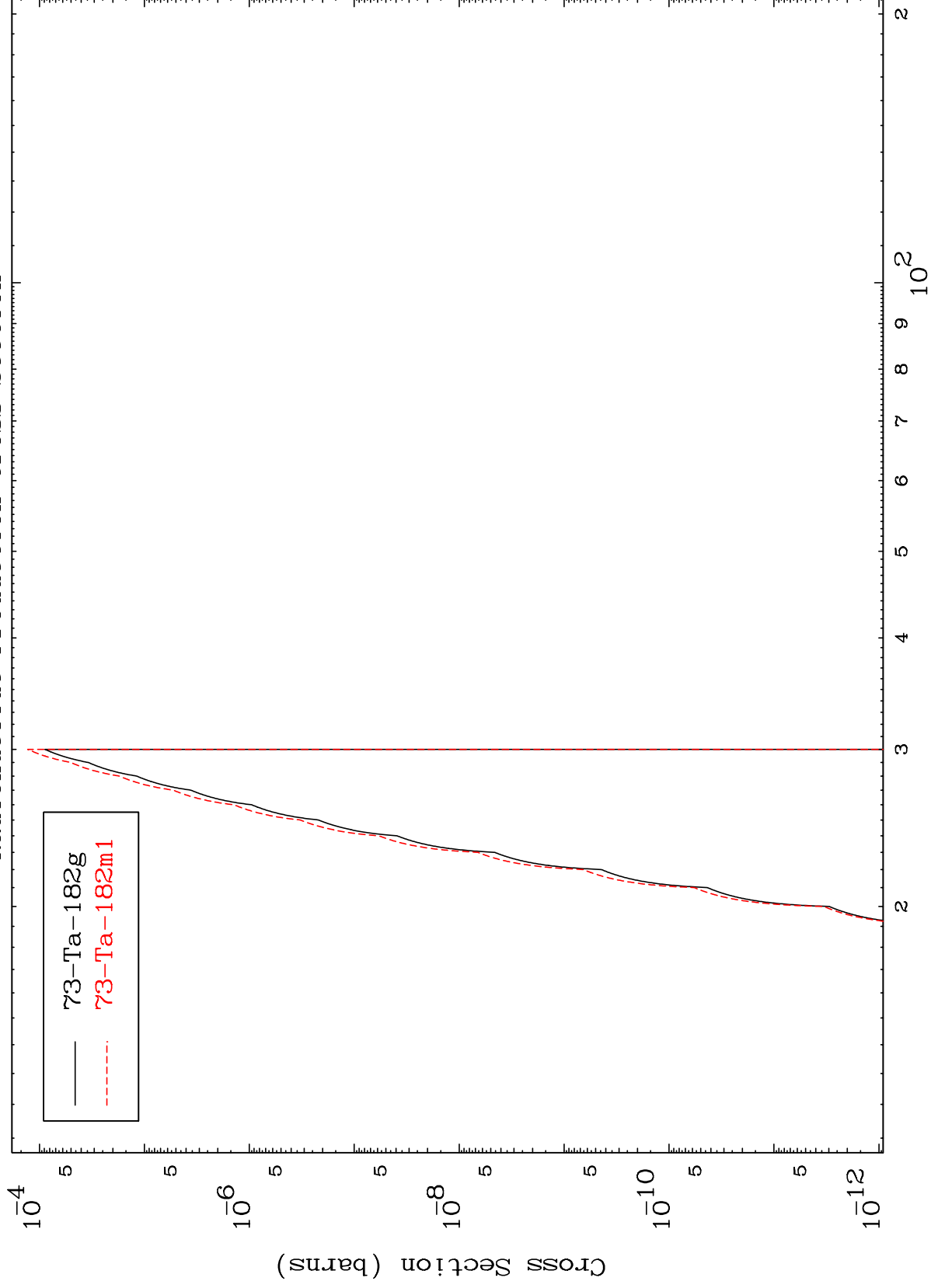


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(n,3n) α

⁷⁵Re-188m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁵Re-188m

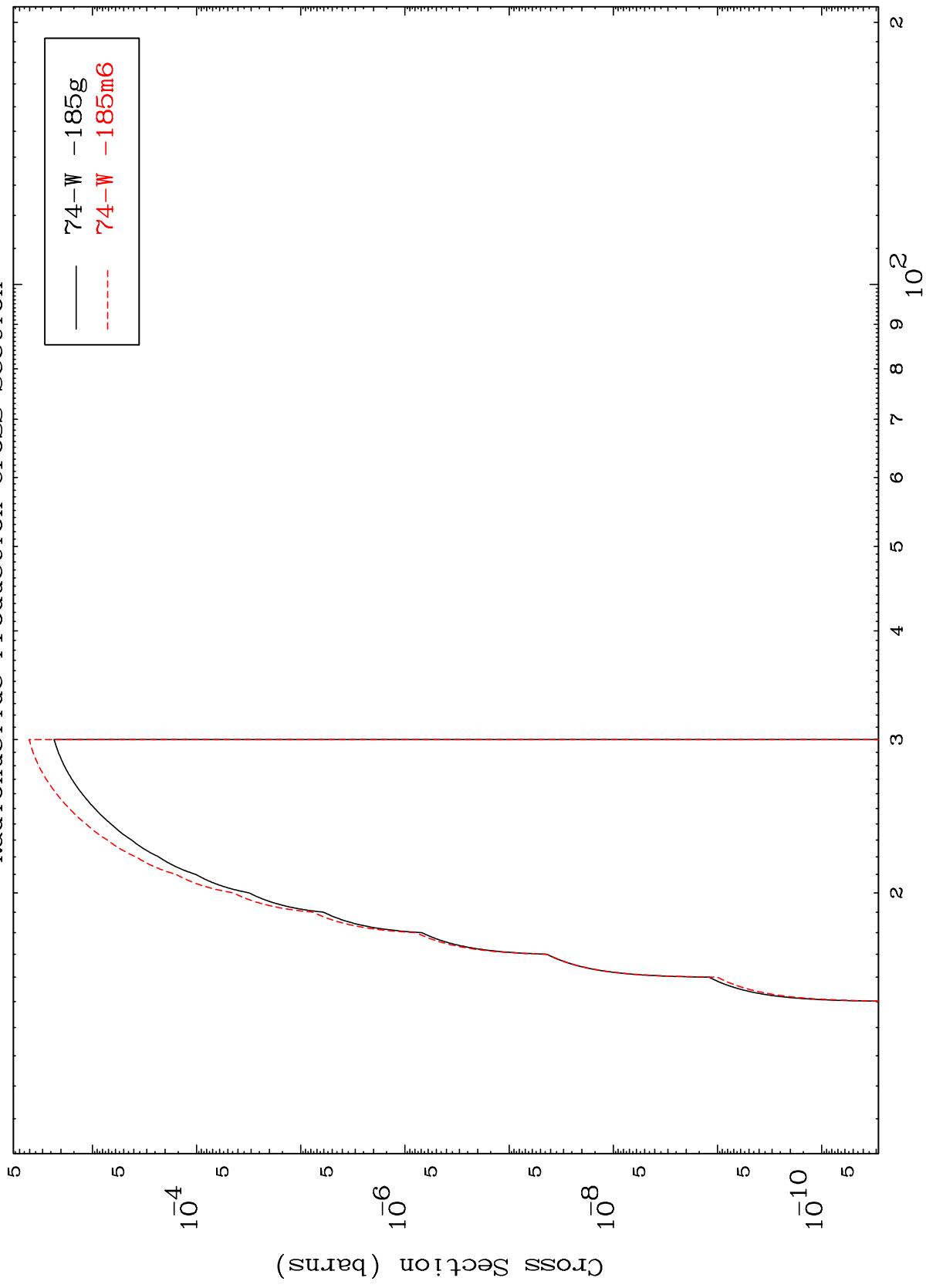
24

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(n,n') t

75-Re-188m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

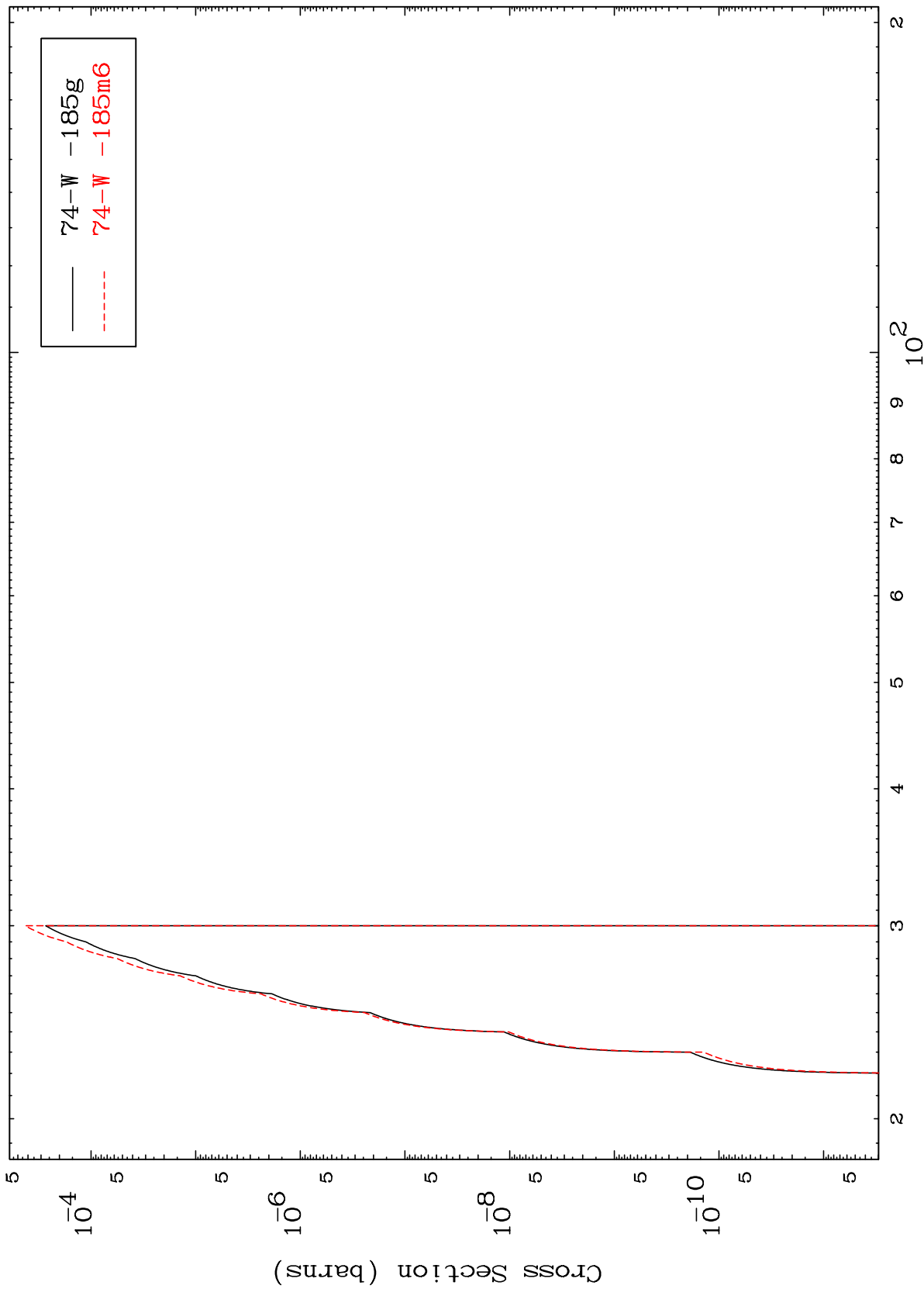
75-Re-188m

MAT 7535

(n,3n) p

⁷⁵Re-188m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

⁷⁵Re-188m

MAT 7535

(n,p) α

⁷⁵Re-188m

Radionuclide Production Cross Section

