

Program EVALPLOT
(Version 2021-1)

by

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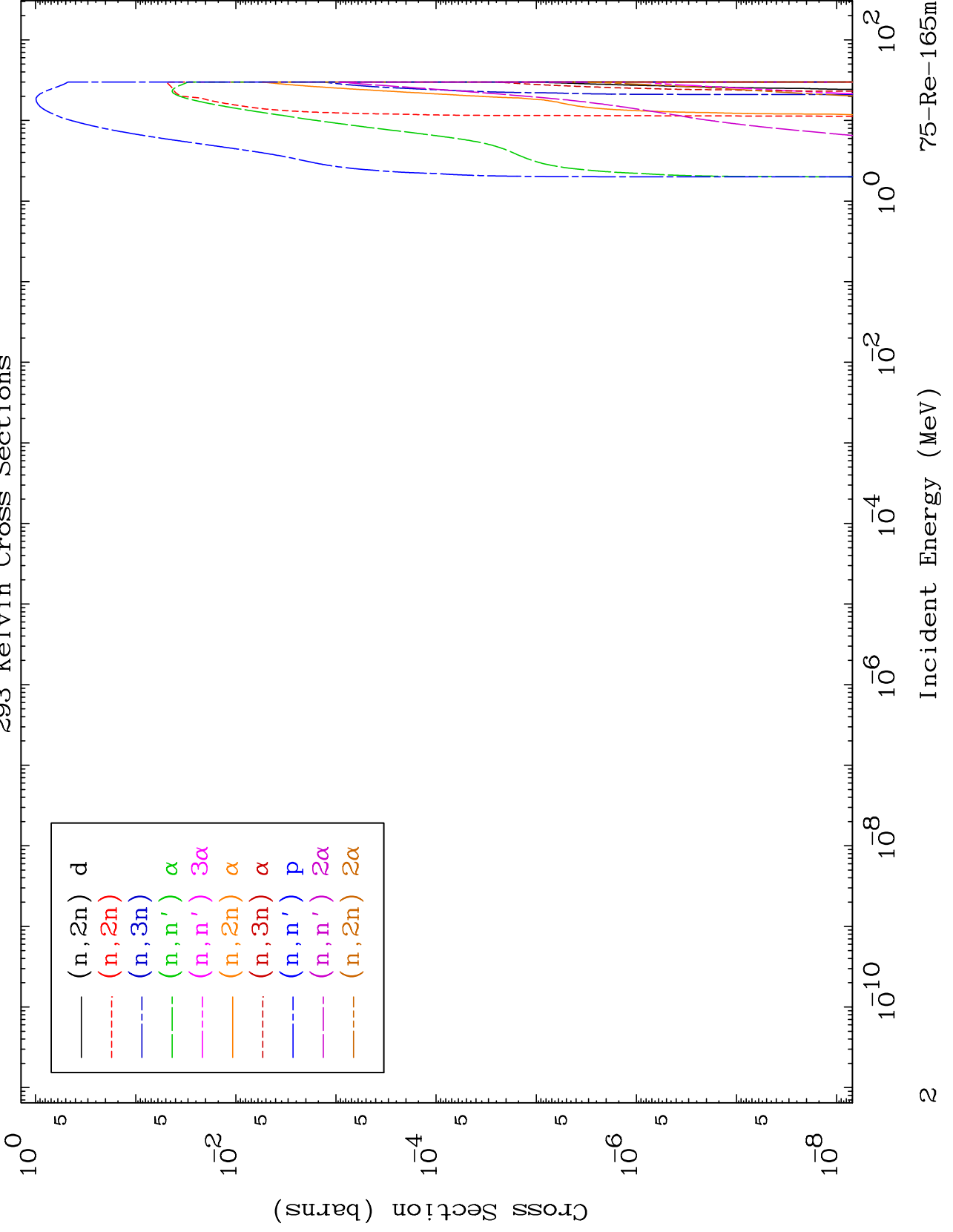
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Press Mouse Button to Start

MAT 7466

Neutron Absorption
293 Kelvin Cross Sections

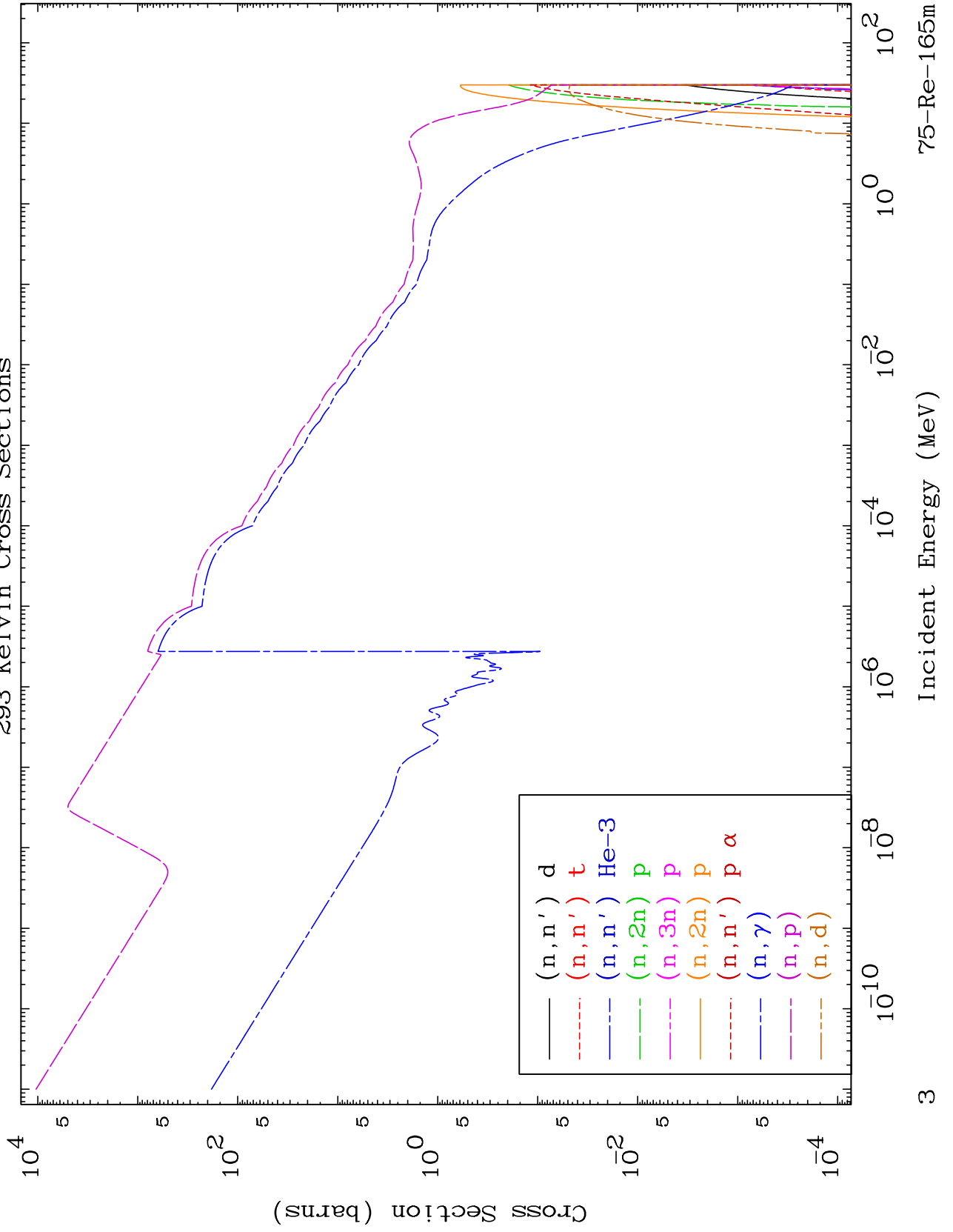
75-Re-165m



MAT 7466

Neutron Absorption
293 Kelvin Cross Sections

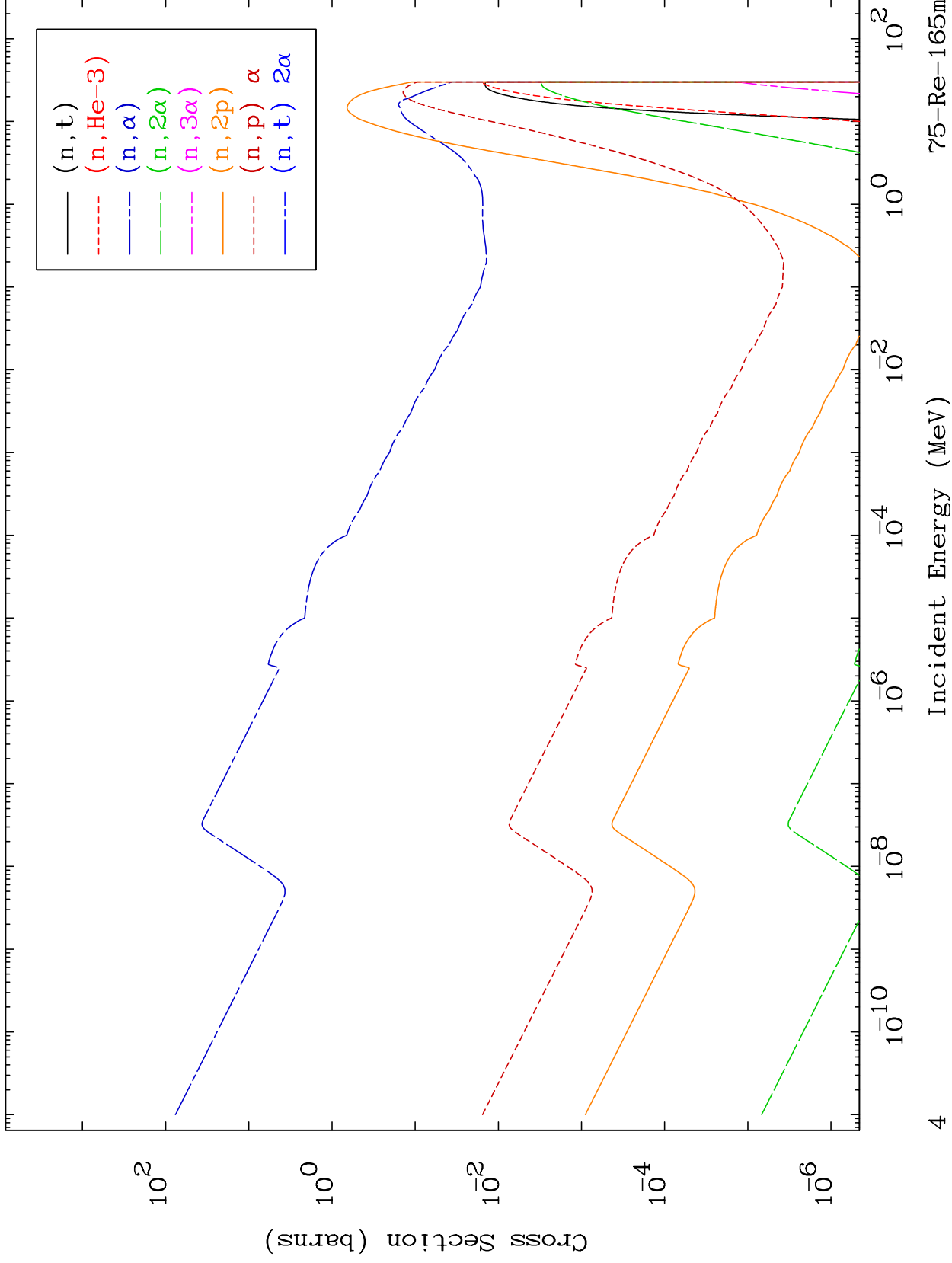
75-Re-165m



MAT 7466

Neutron Absorption
293 Kelvin Cross Sections

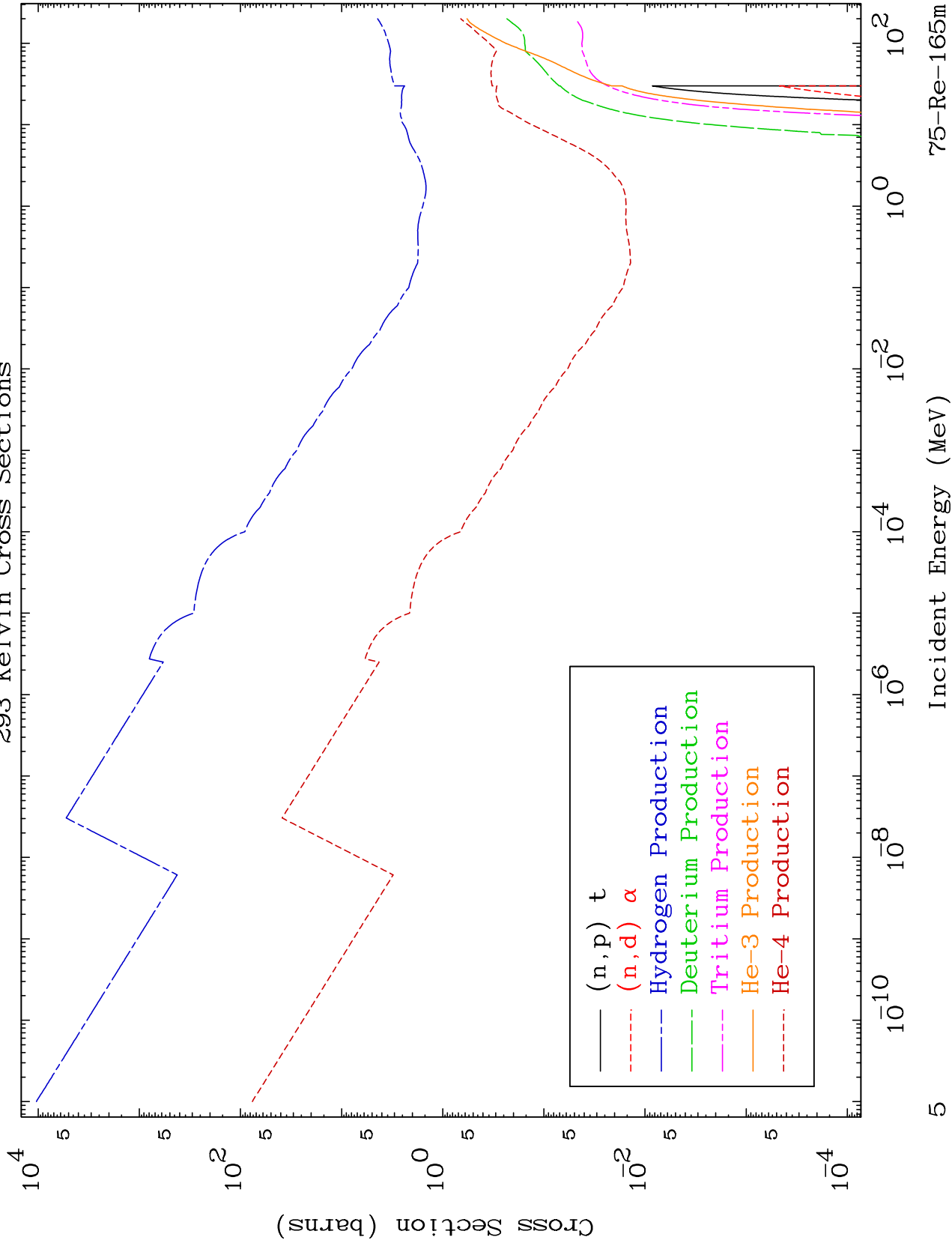
75-Re-165m



MAT 7466

Neutron Absorption
293 Kelvin Cross Sections

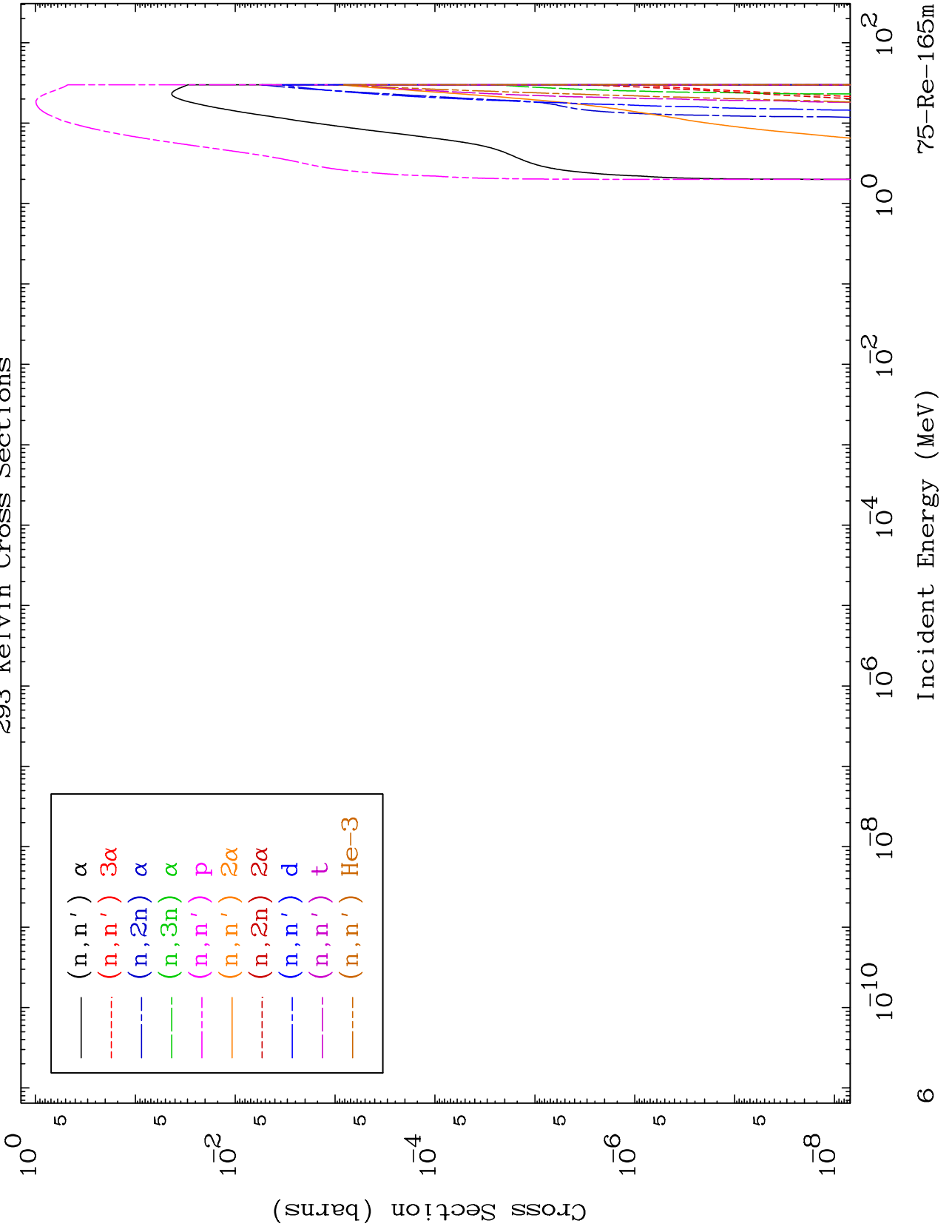
75-Re-165m



MAT 7466

Charged Particle
293 Kelvin Cross Sections

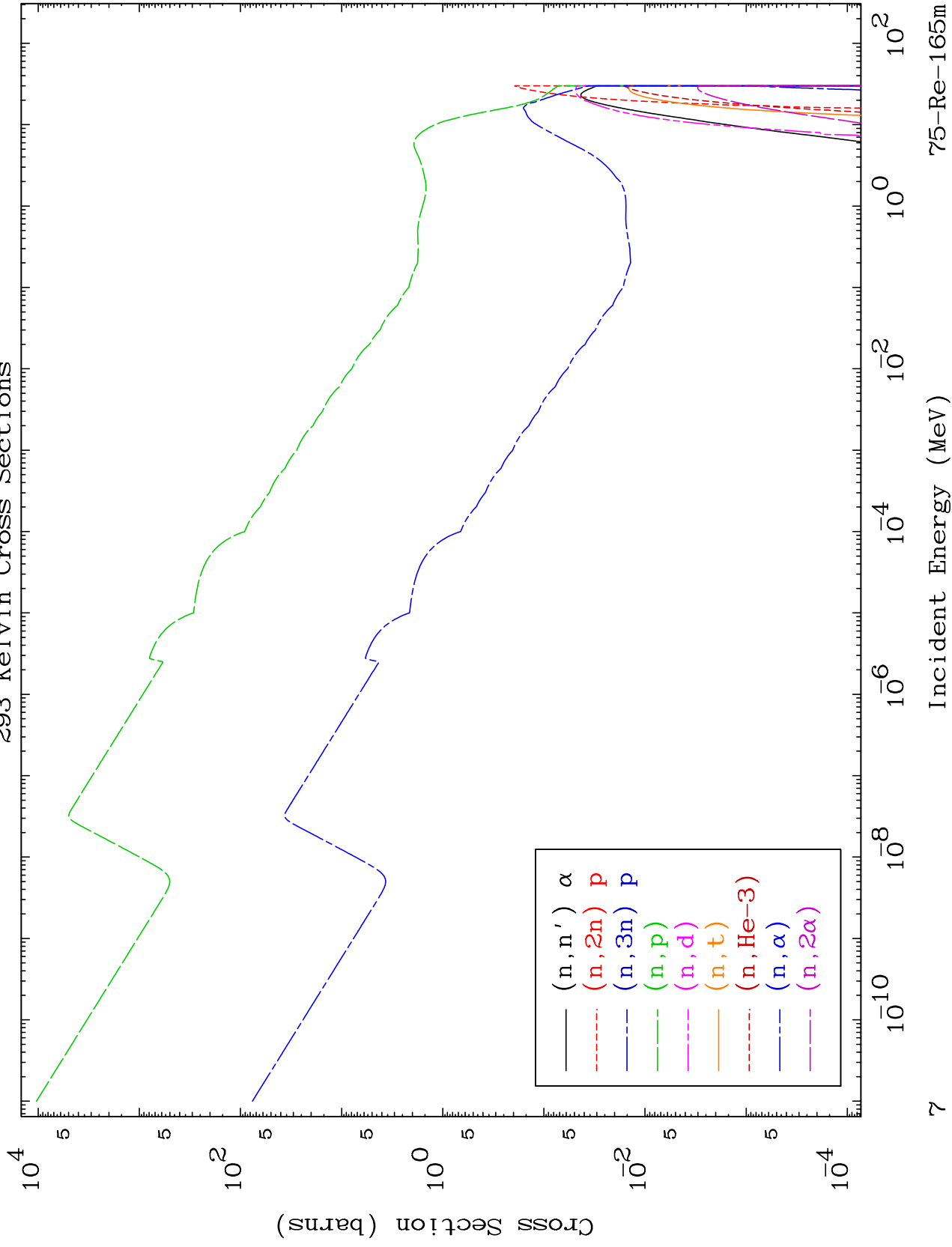
75-Re-165m



MAT 7466

Charged Particle
293 Kelvin Cross Sections

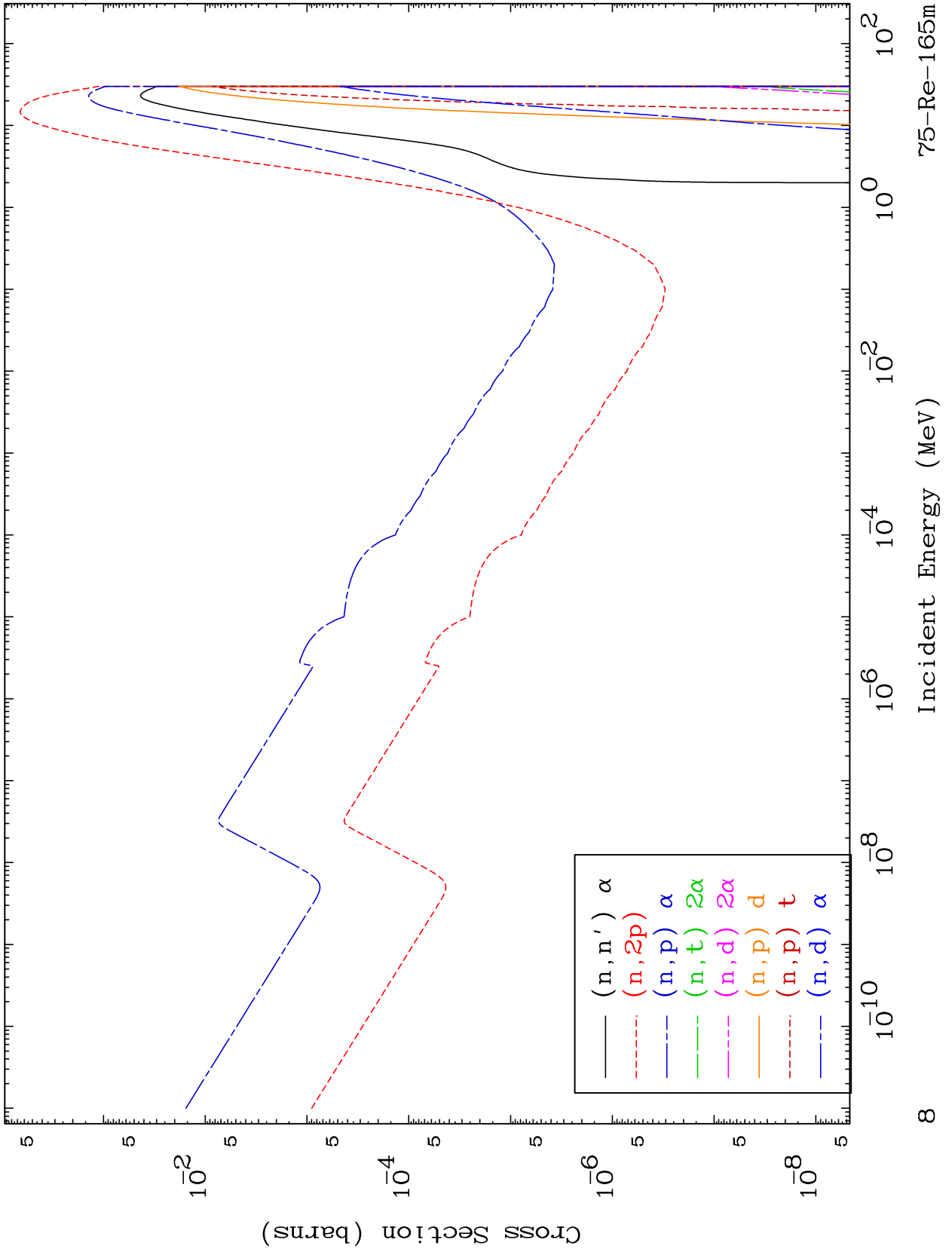
75-Re-165m



MAT 7466

Charged Particle
293 Kelvin Cross Sections

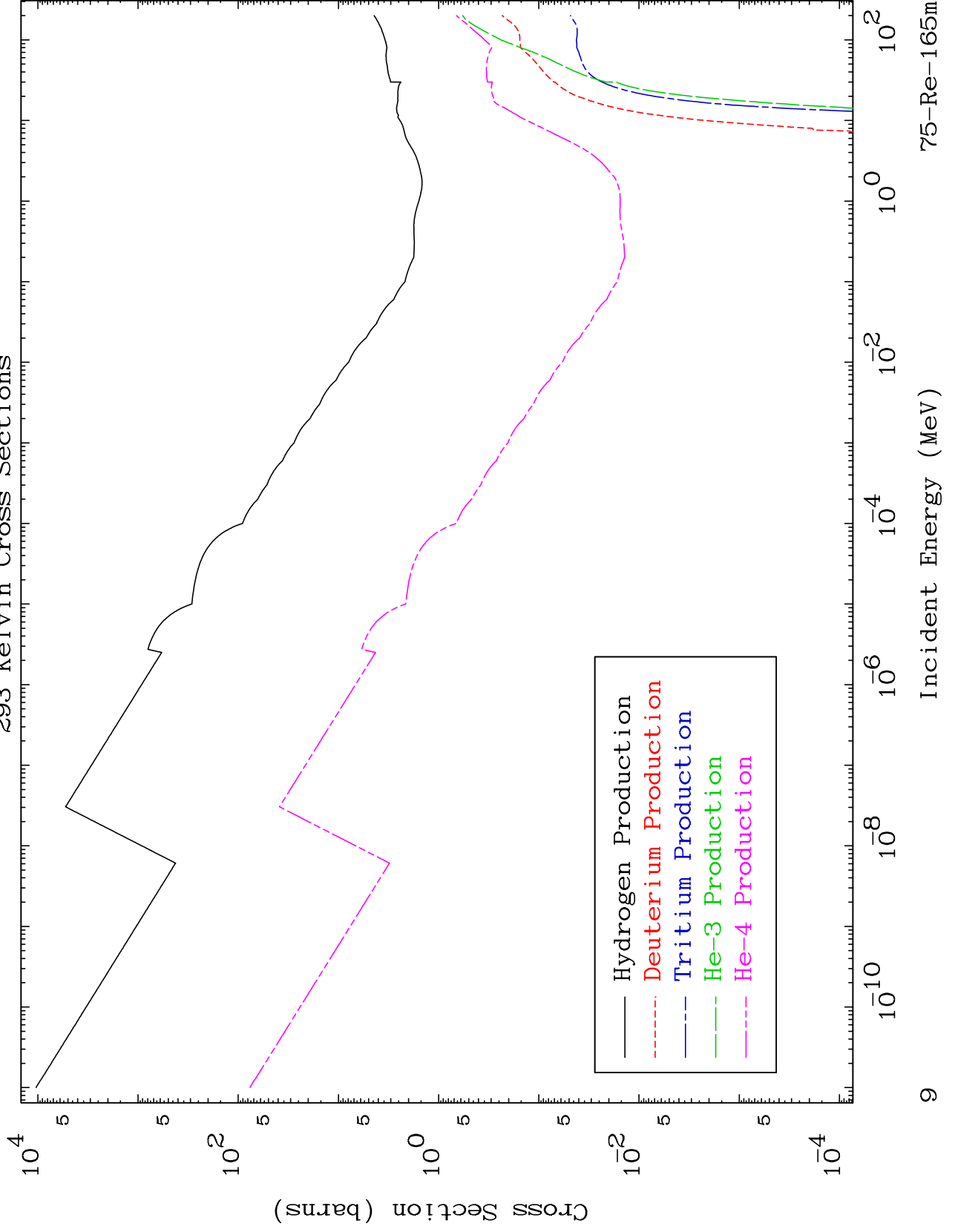
75-Re-165m



MAT 7466

Particle Production
293 Kelvin Cross Sections

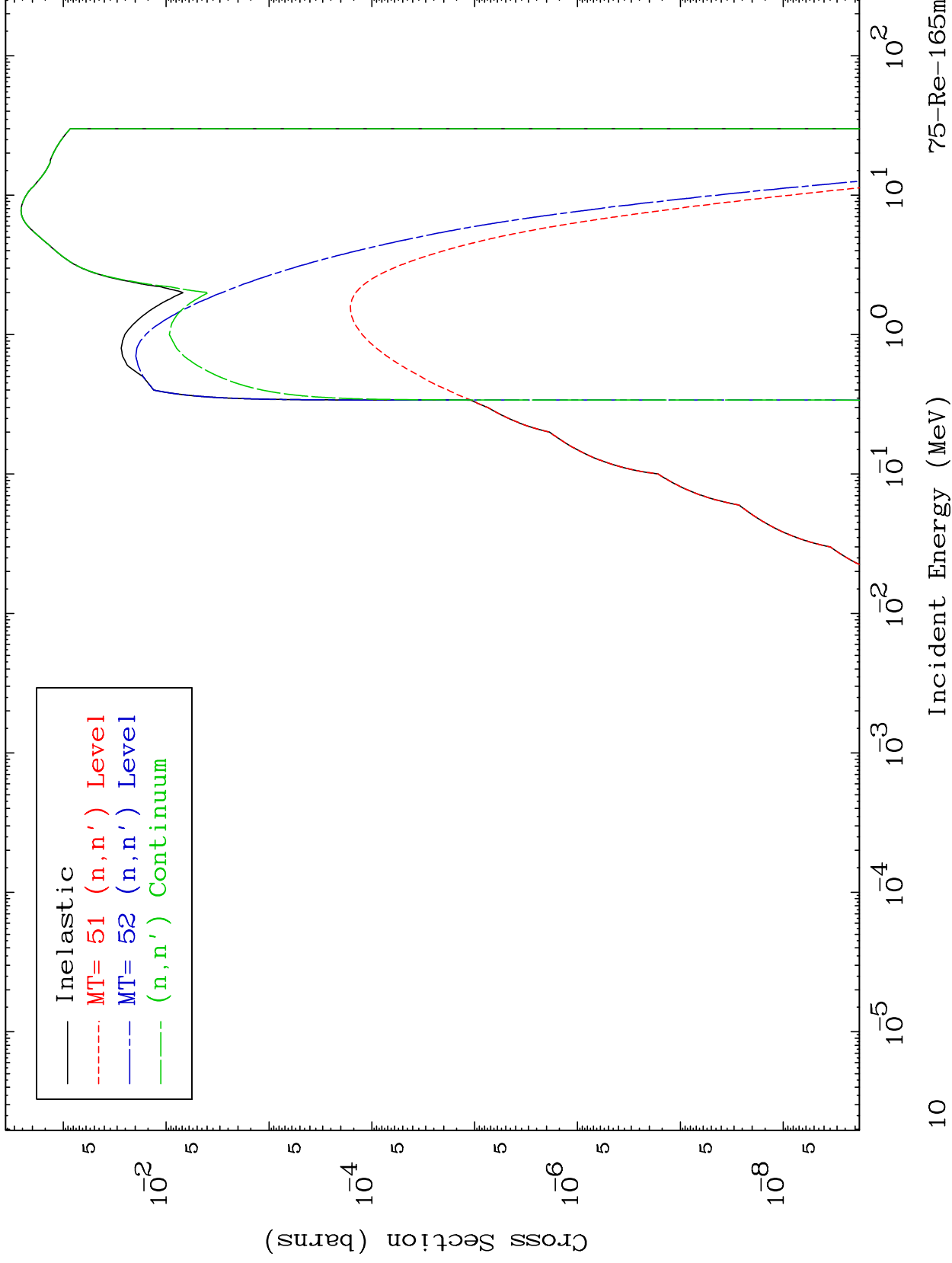
75-Re-165m

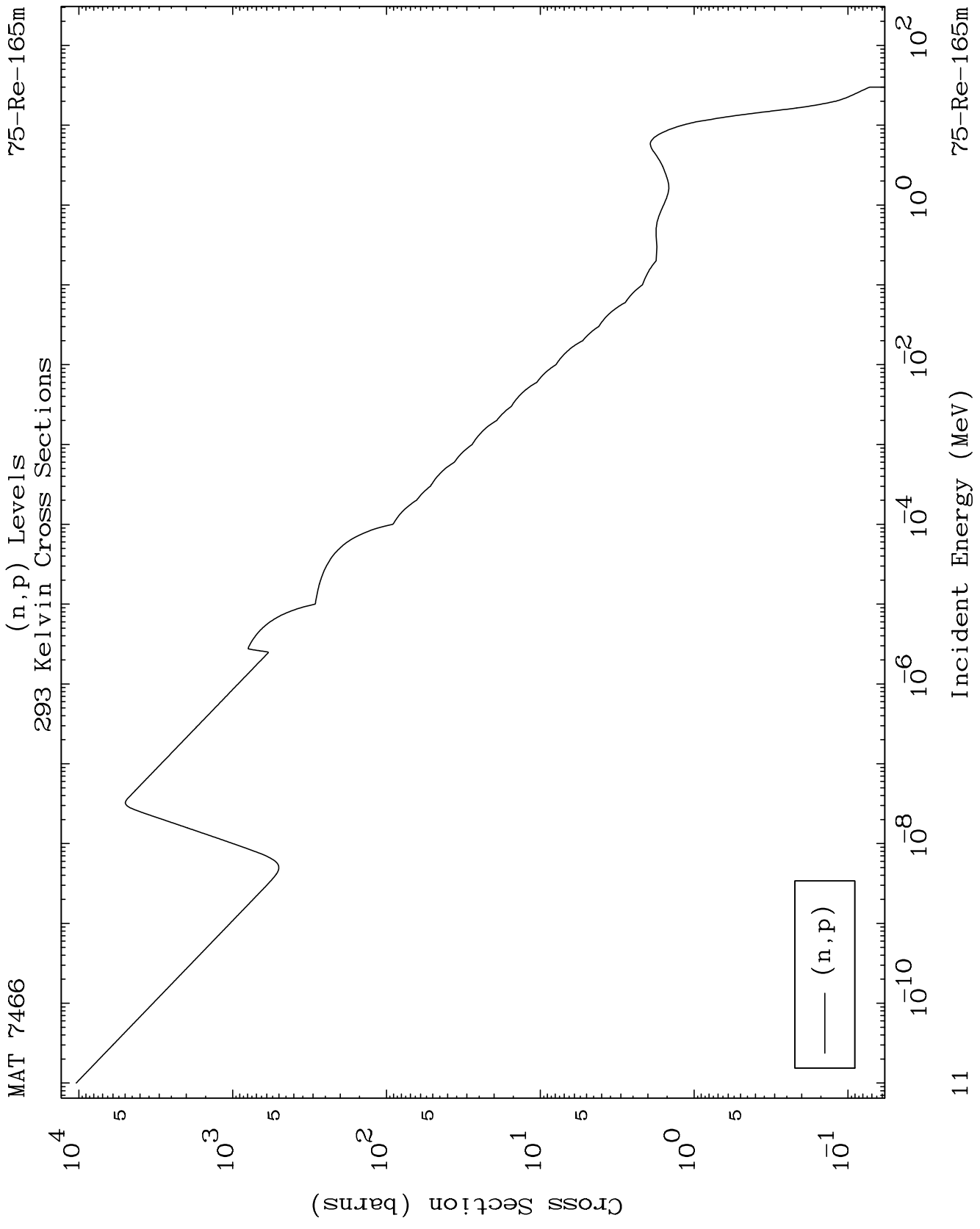


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(n,n') Levels
293 Kelvin Cross Sections

⁷⁵Re-165m

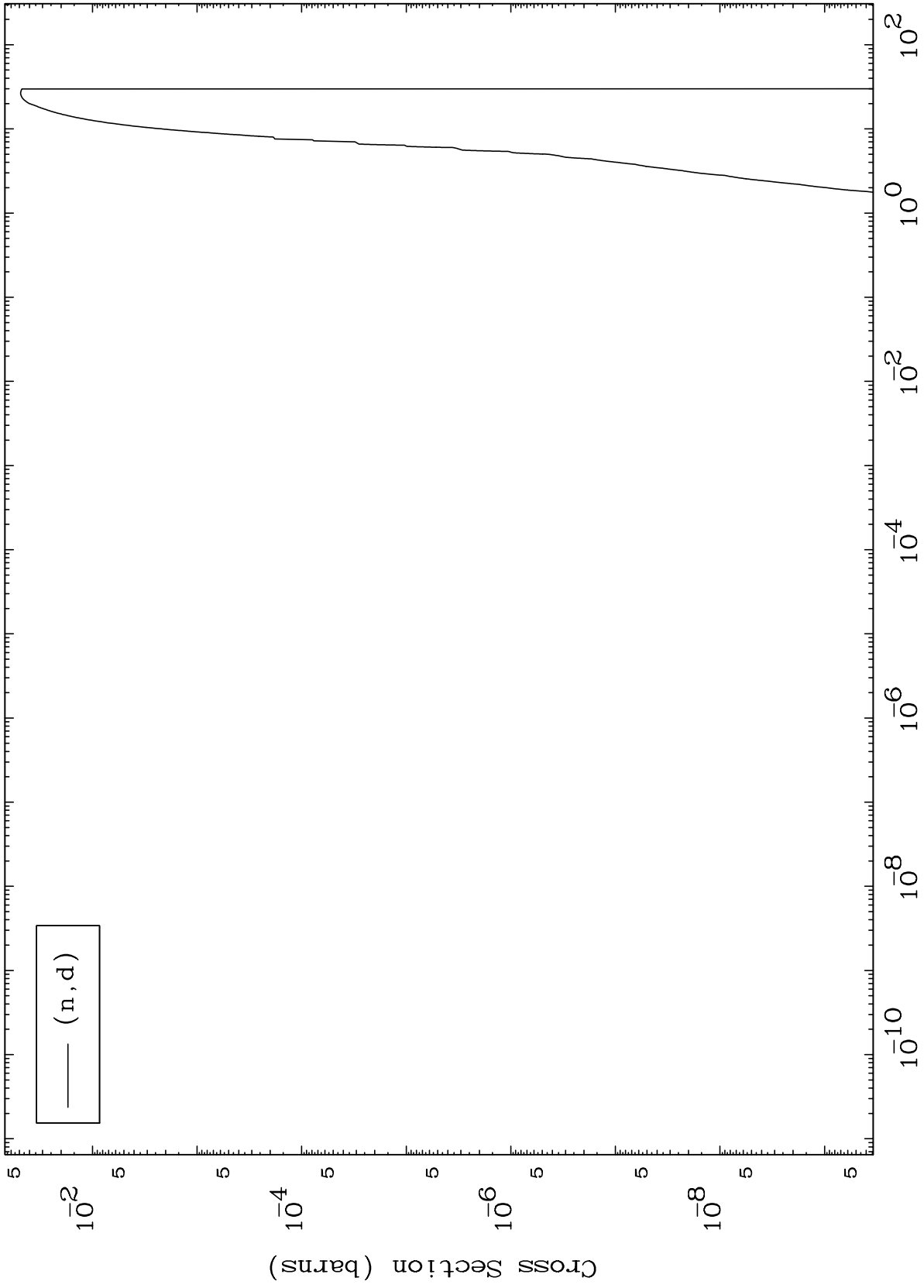




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(n,d) Levels
293 Kelvin Cross Sections

⁷⁵Re-165m



12

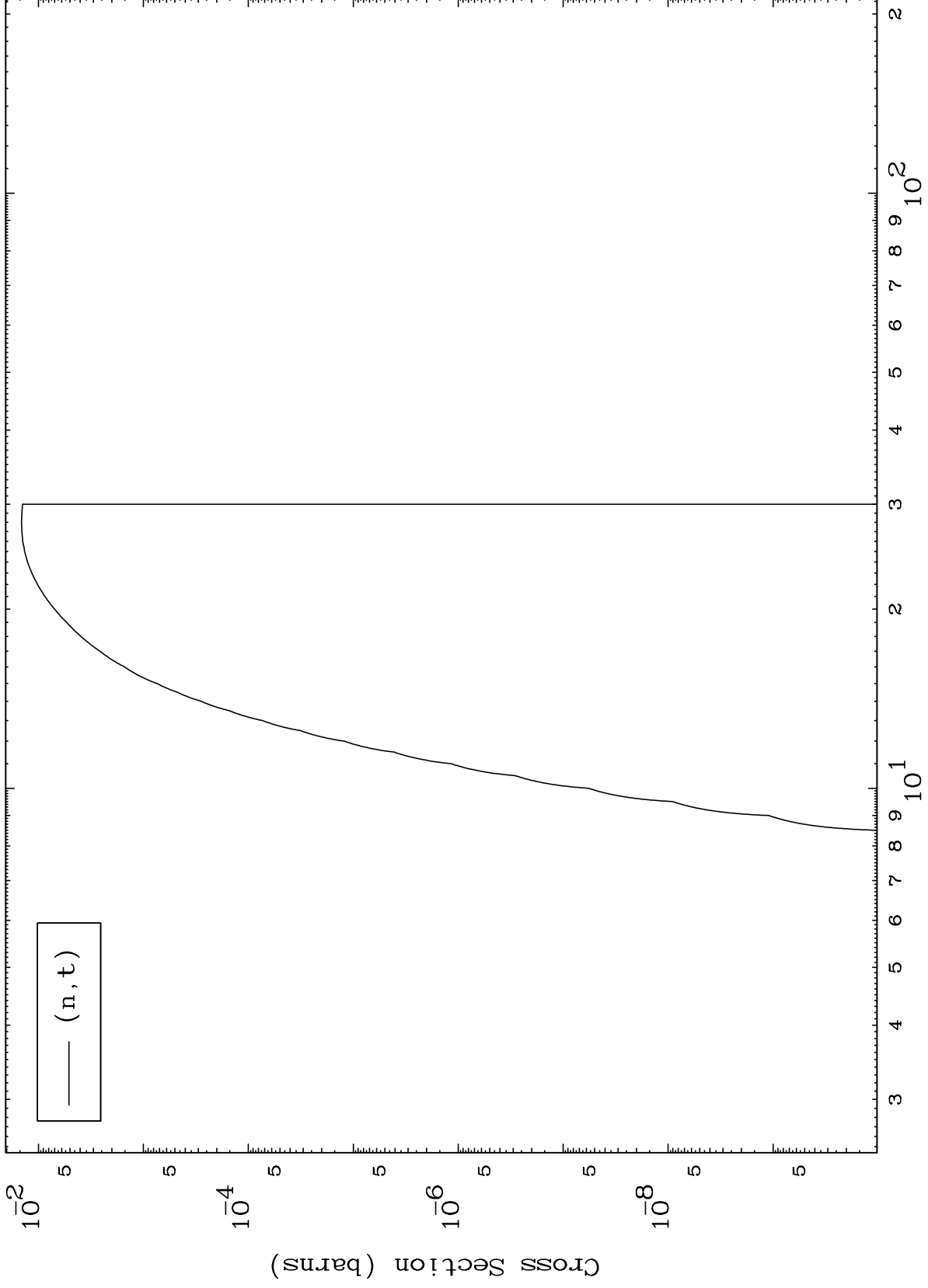
Incident Energy (MeV)

⁷⁵Re-165m

MAT 7466

(n,t) Levels
293 Kelvin Cross Sections

75-Re-165m



13

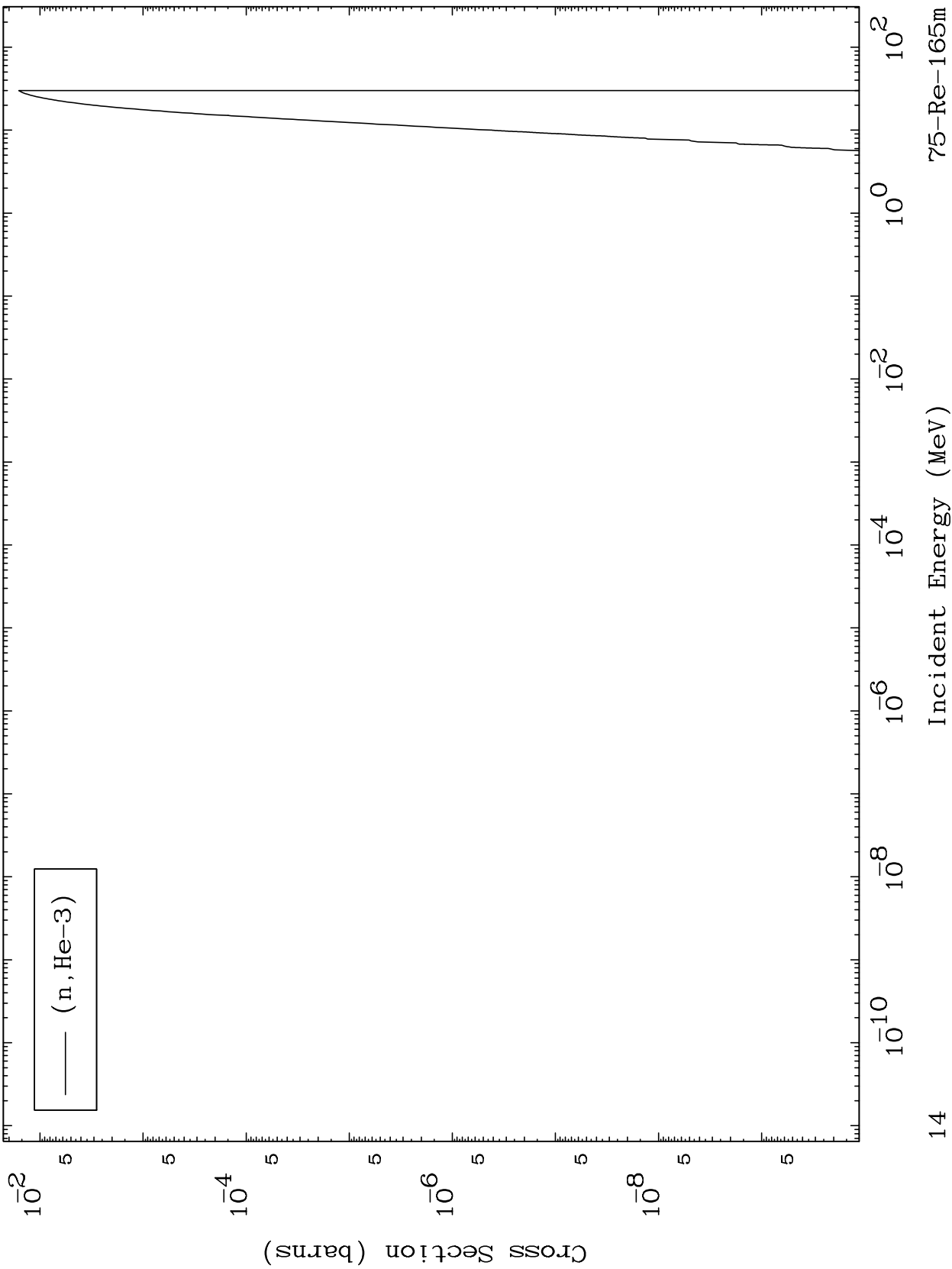
Incident Energy (MeV)

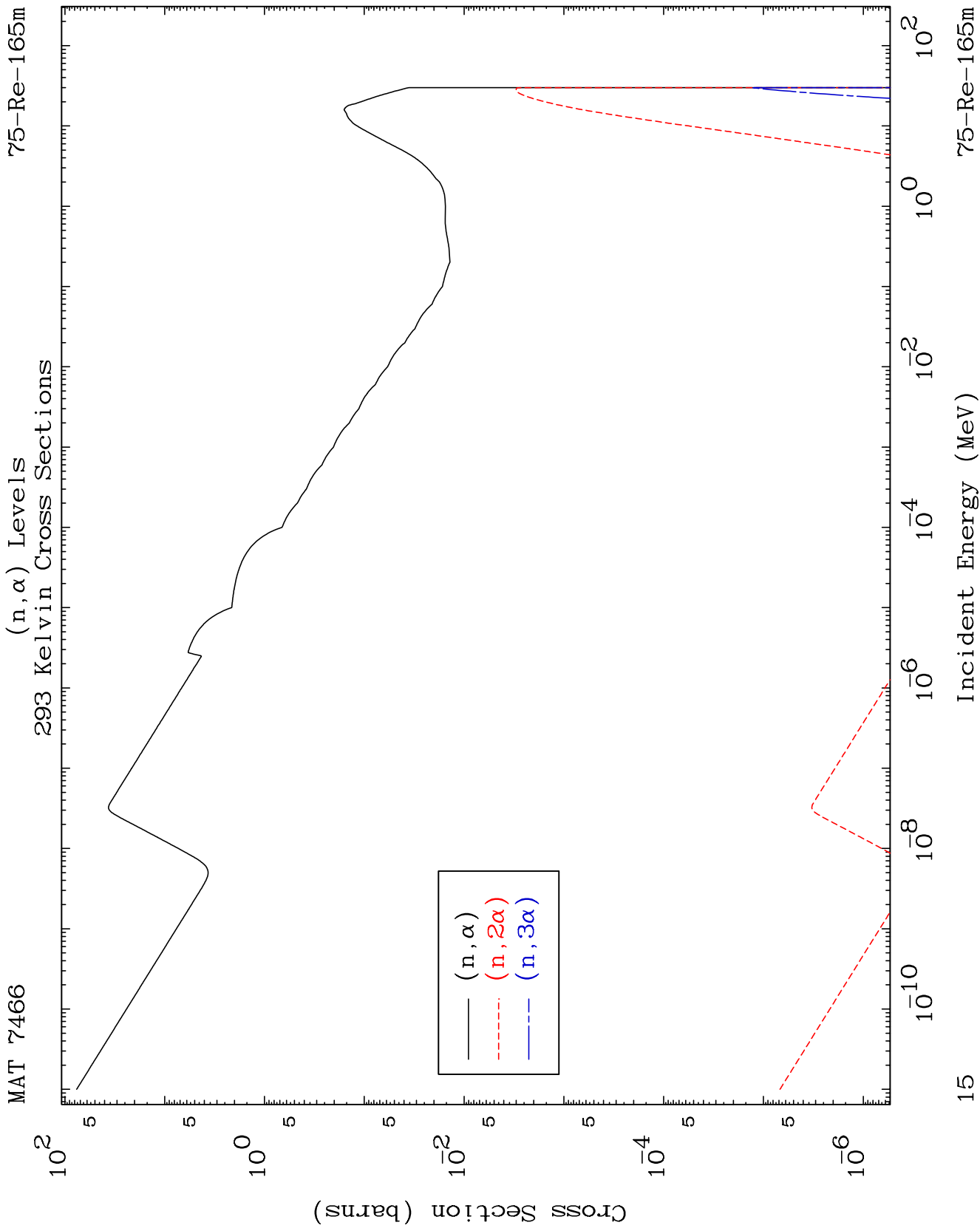
75-Re-165m

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(n,He3) Levels
293 Kelvin Cross Sections

75-Re-165m

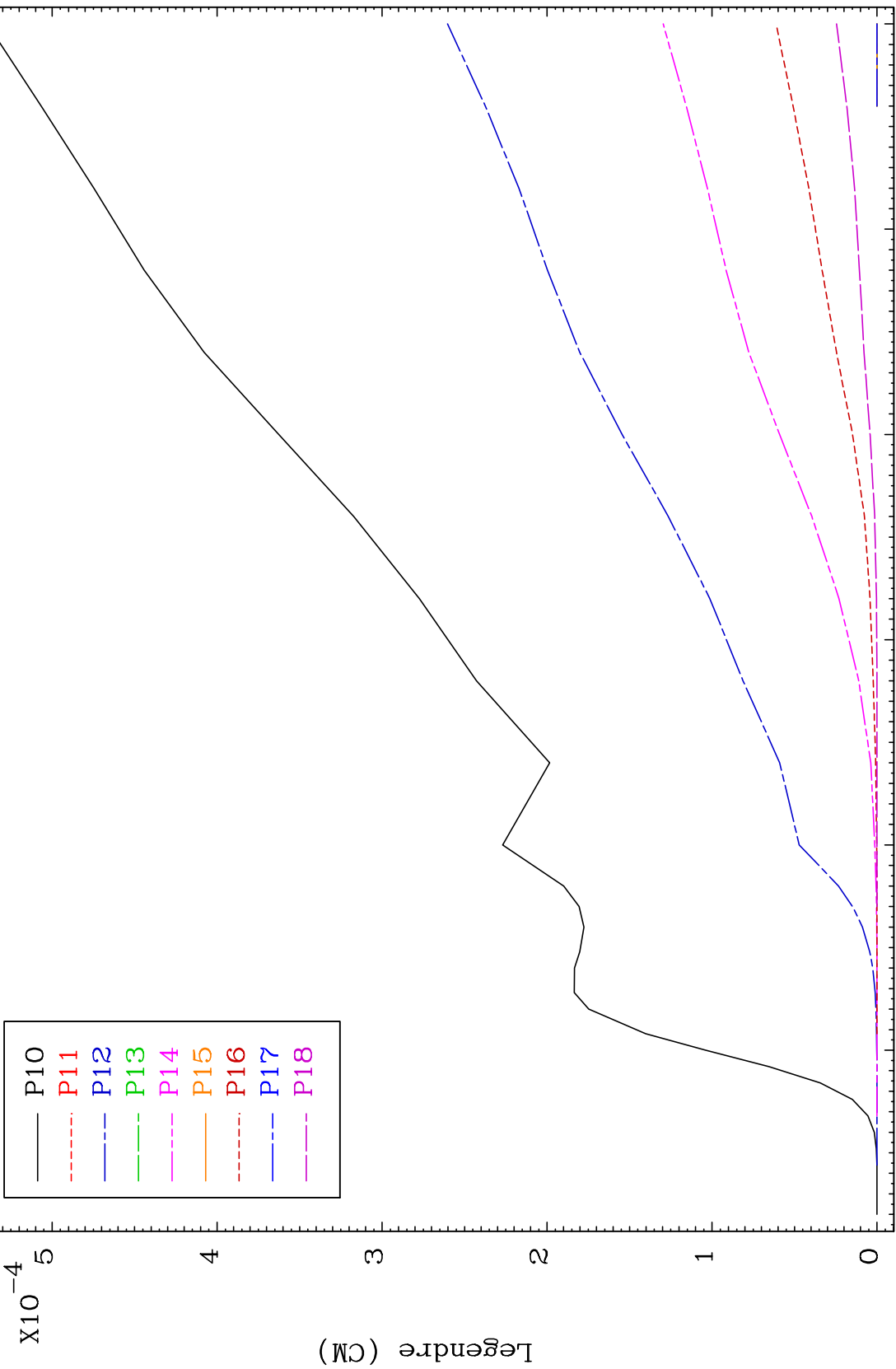
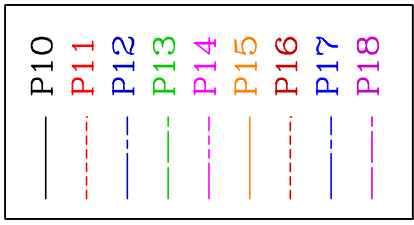




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Elastic Legendre Coefficients

75-Re-165m



30

25

20

15

10

5

0

17

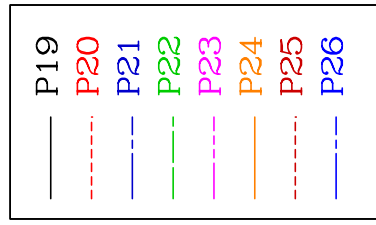
Incident Energy (MeV)

75-Re-165m

MAT 7466

Elastic
Legendre Coefficients

75-Re-165m



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

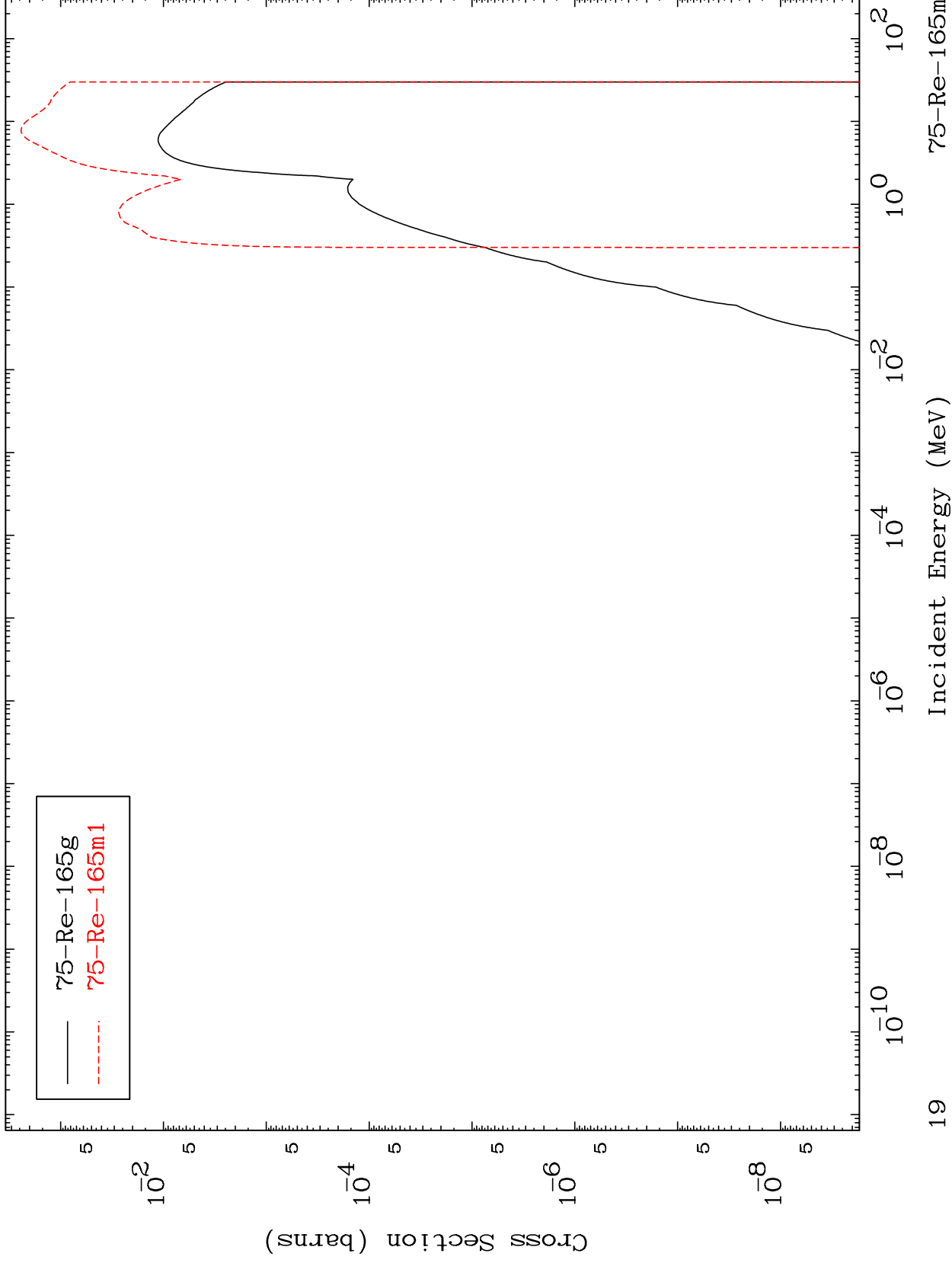
75-Re-165m



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Radionuclide Production Cross Section

⁷⁵Re-165m

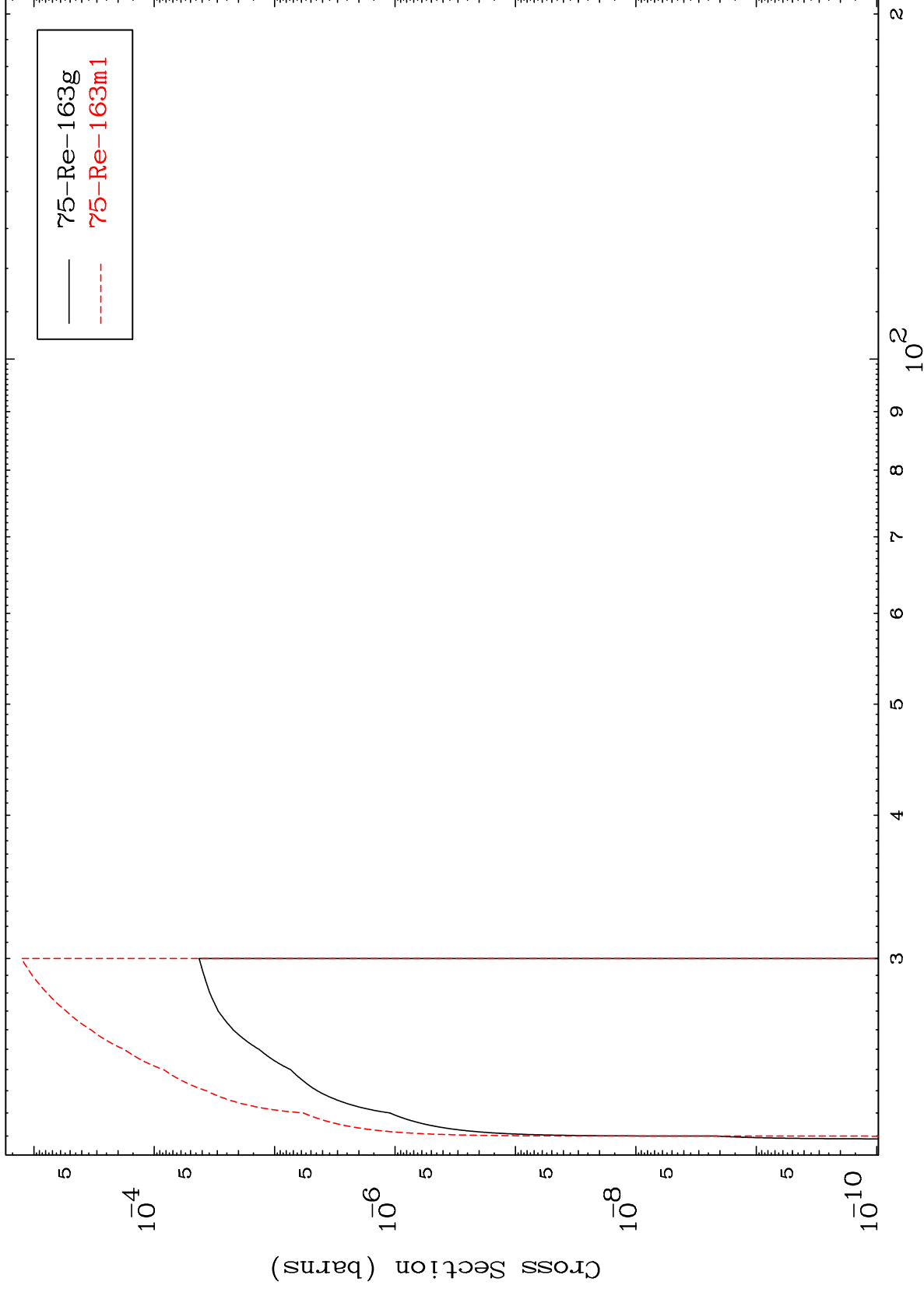


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(n,3n)

⁷⁵Re-165m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

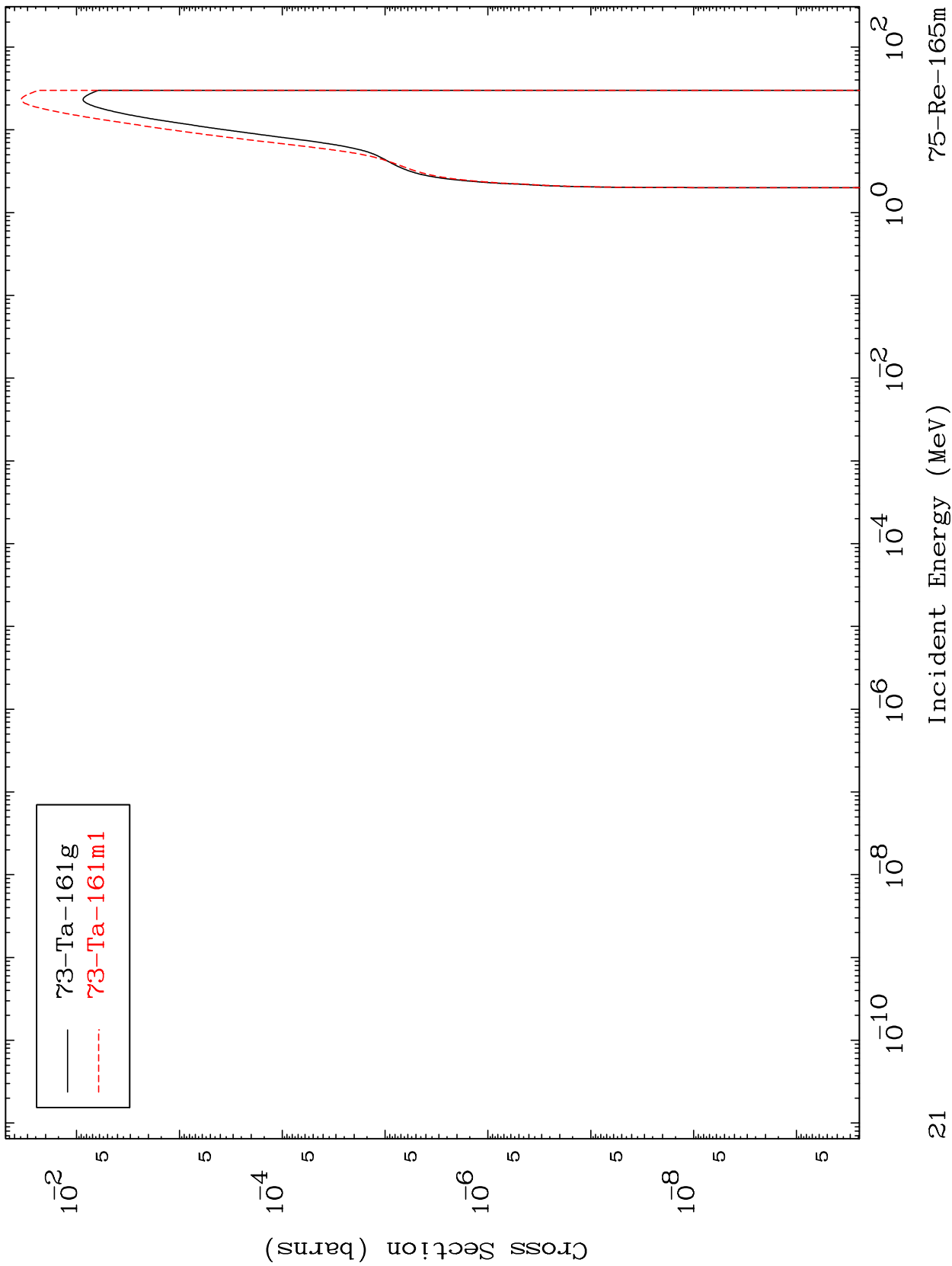
⁷⁵Re-165m

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$(n, n') \alpha$

75-Re-165m

Radionuclide Production Cross Section

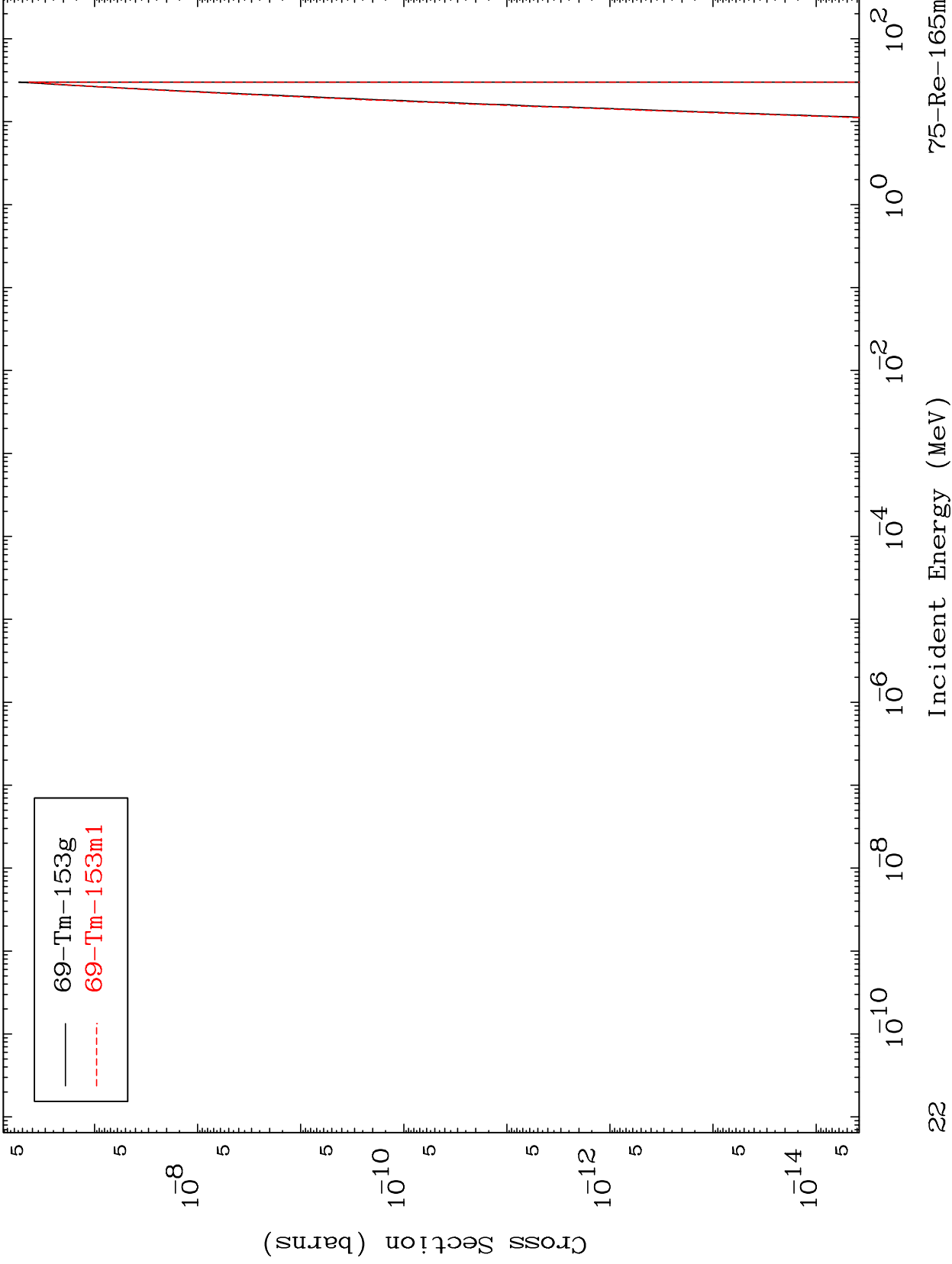


MAT 7466

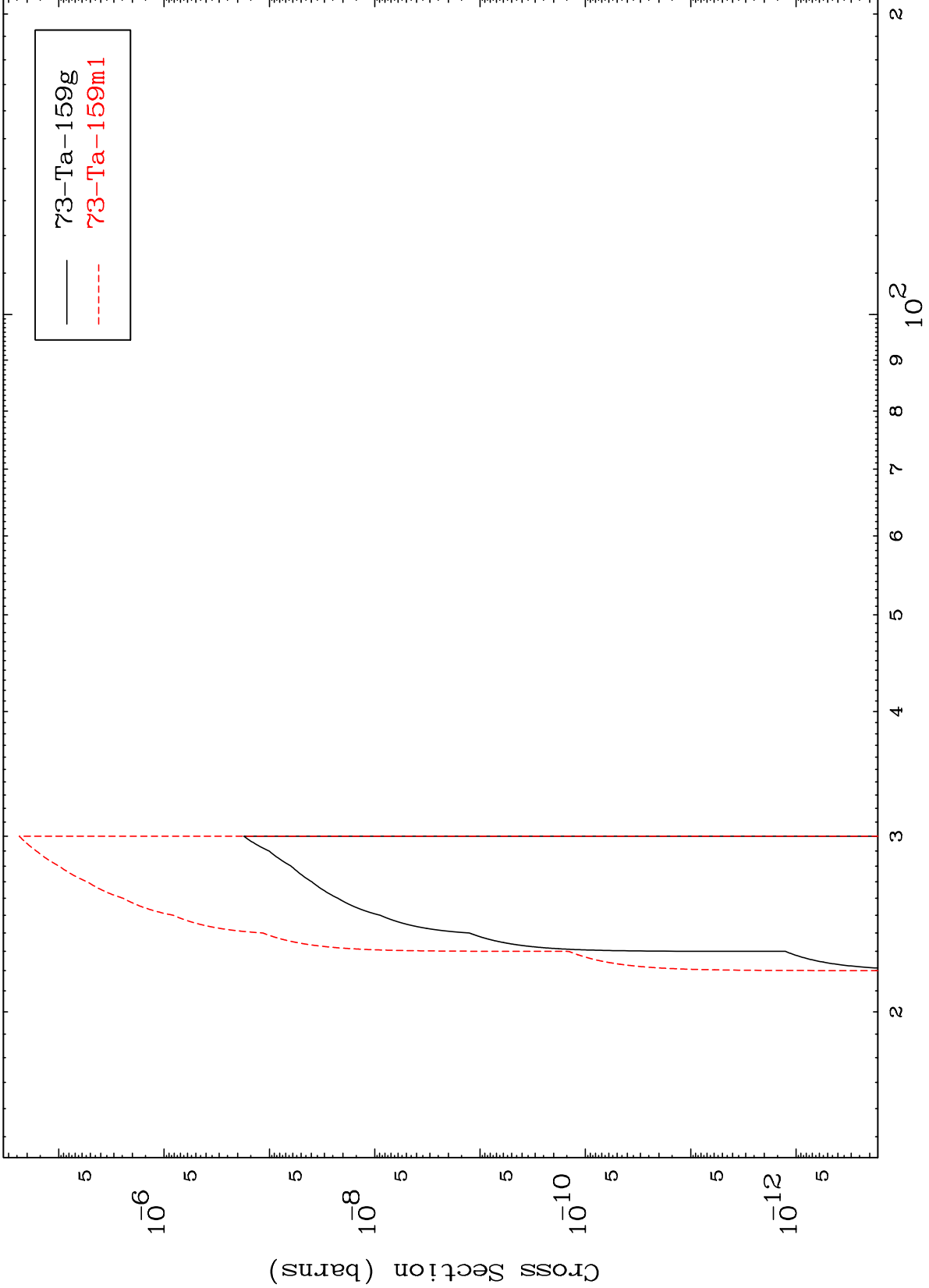
(n,n') 3 α

75-Re-165m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

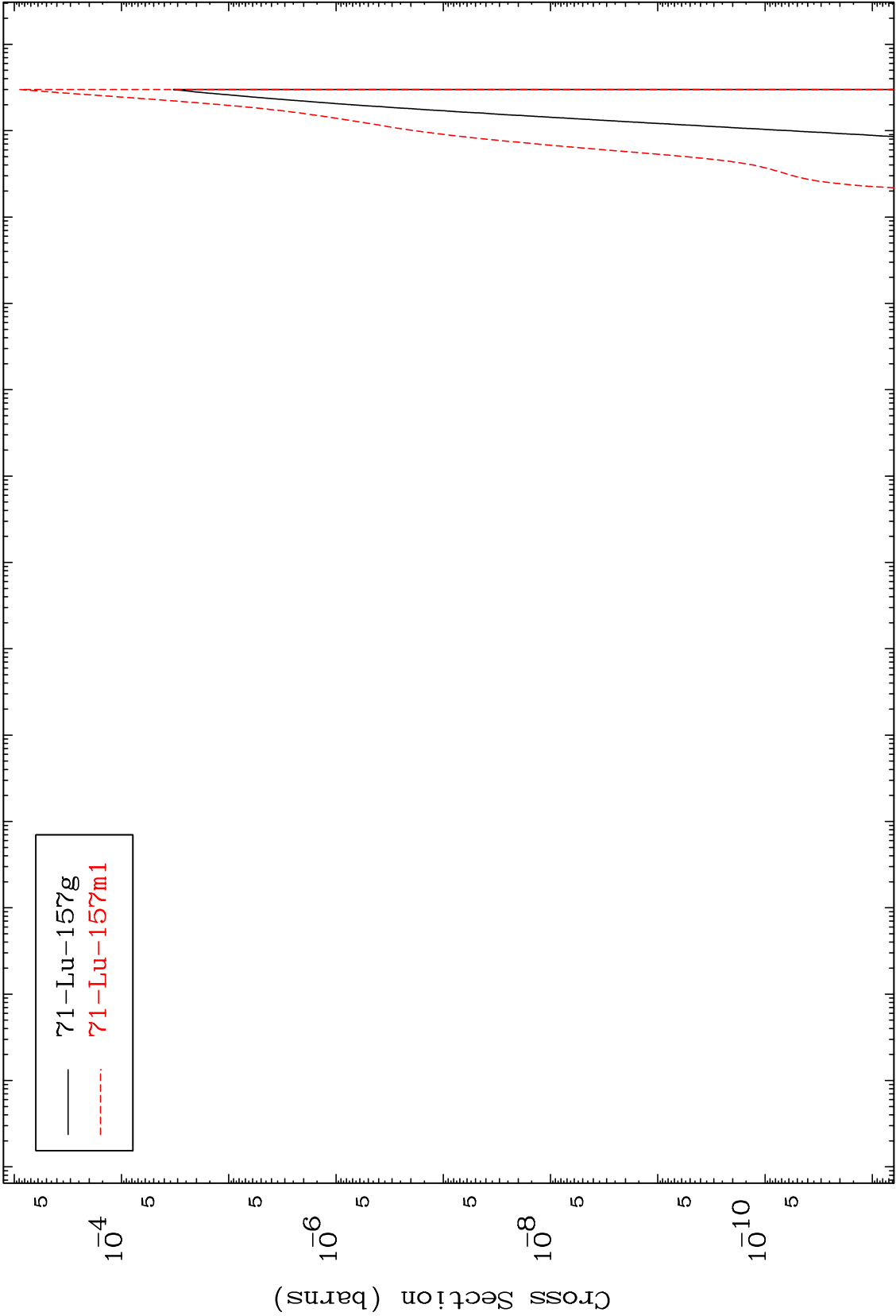
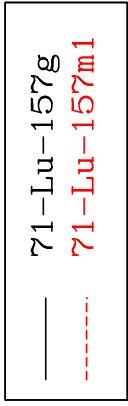


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(n,n') 2α

75-Re-165m

Radionuclide Production Cross Section



75-Re-165m

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁰

10²

Incident Energy (MeV)

75-Re-165m

24

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(n, 3α)

75-Re-165m

Radionuclide Production Cross Section

