

Program EVALPLOT  
(Version 2021-1)

by

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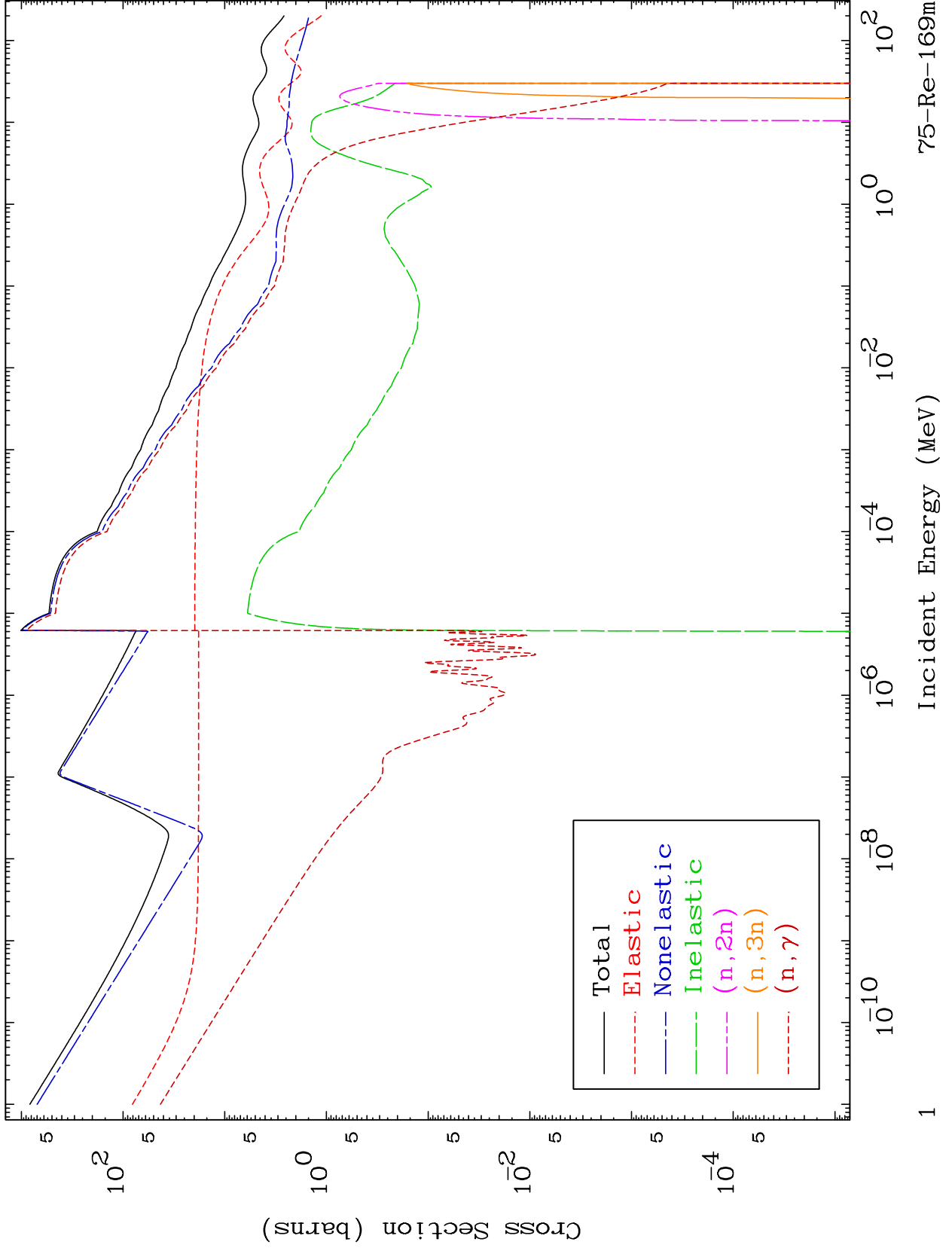
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7478

Neutron Major  
293 Kelvin Cross Sections

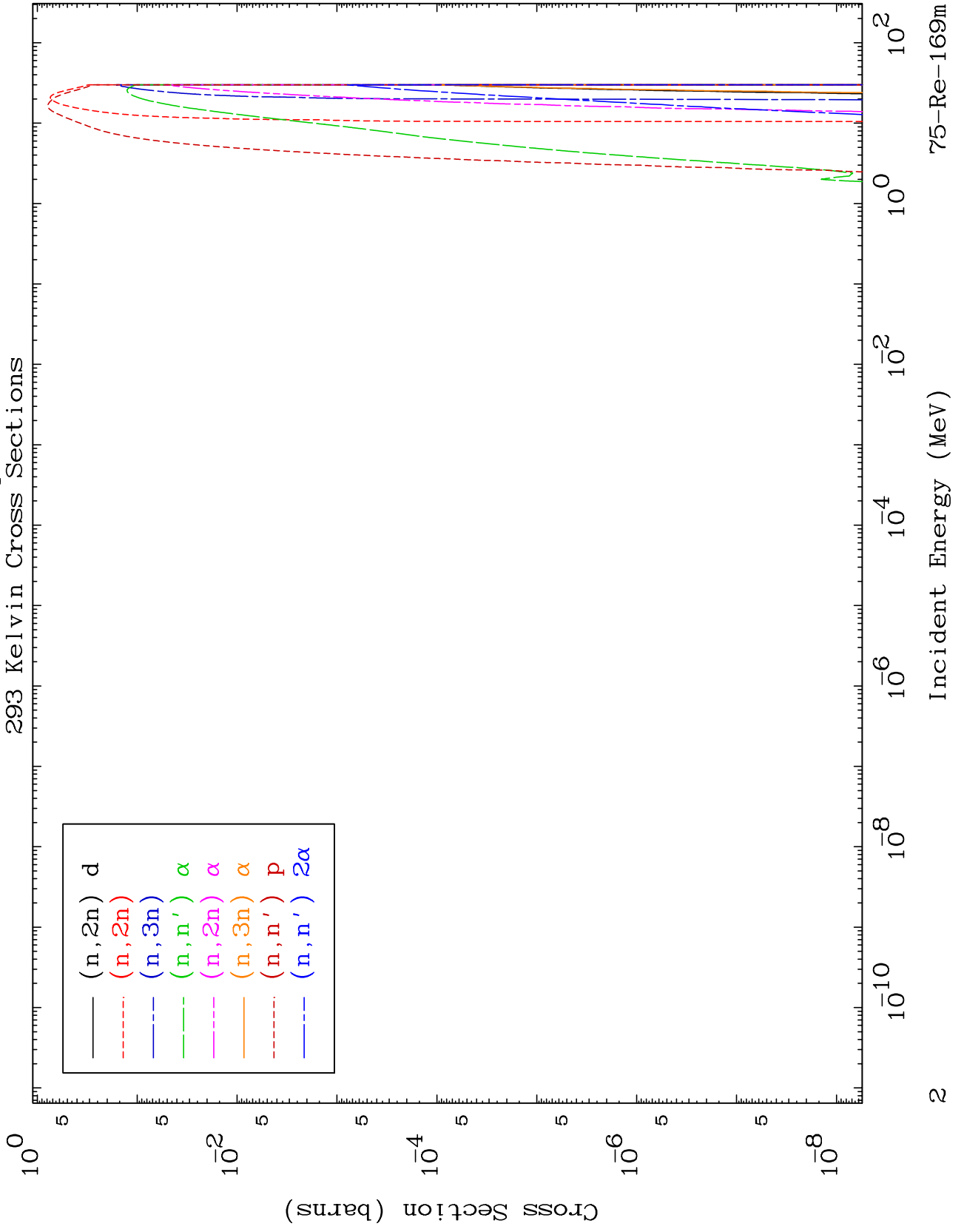
75-Re-169m



MAT 7478

Neutron Absorption  
293 Kelvin Cross Sections

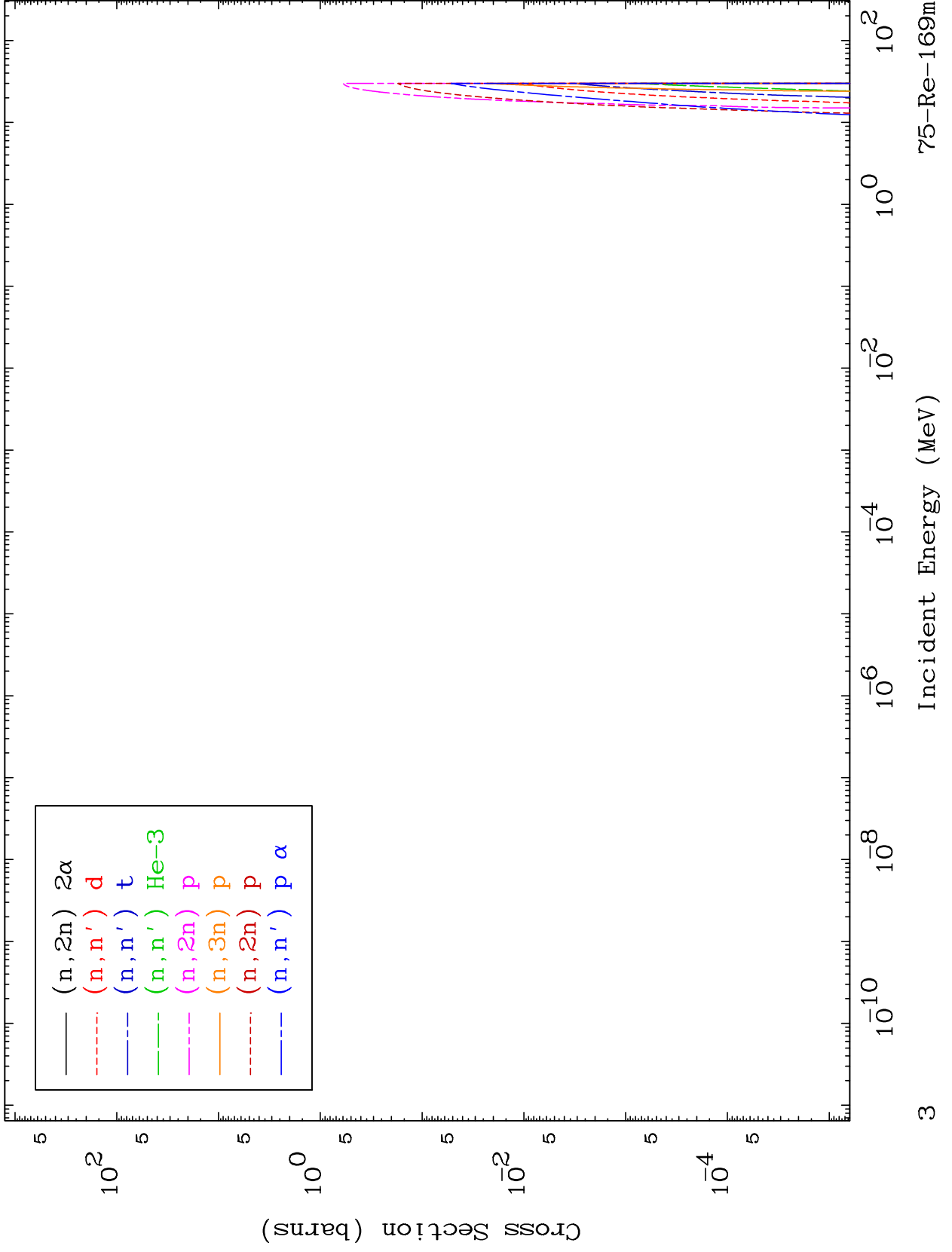
75-Re-169m



MAT 7478

Neutron Absorption  
293 Kelvin Cross Sections

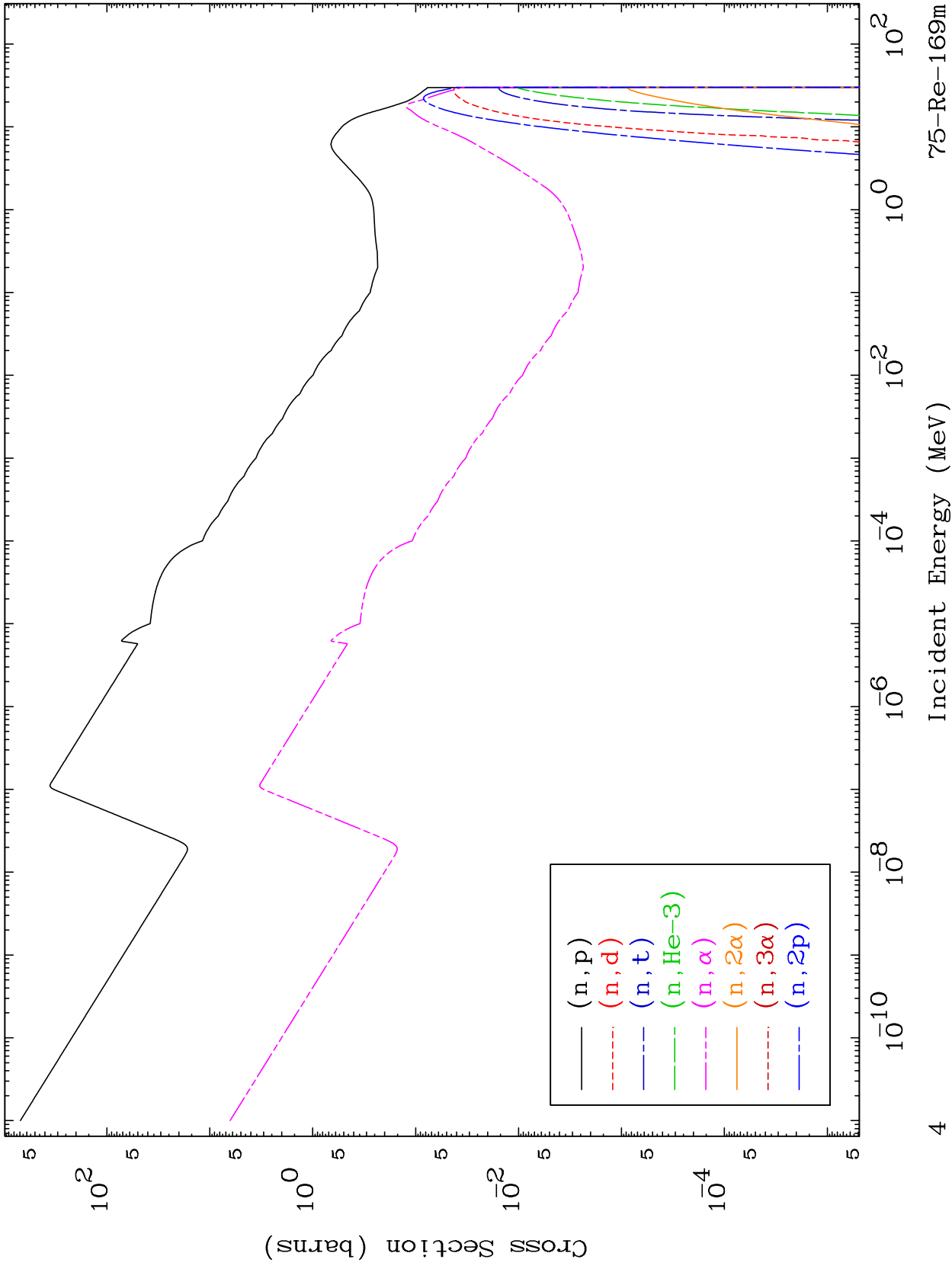
<sup>75</sup>Re-169m



MAT 7478

Neutron Absorption  
293 Kelvin Cross Sections

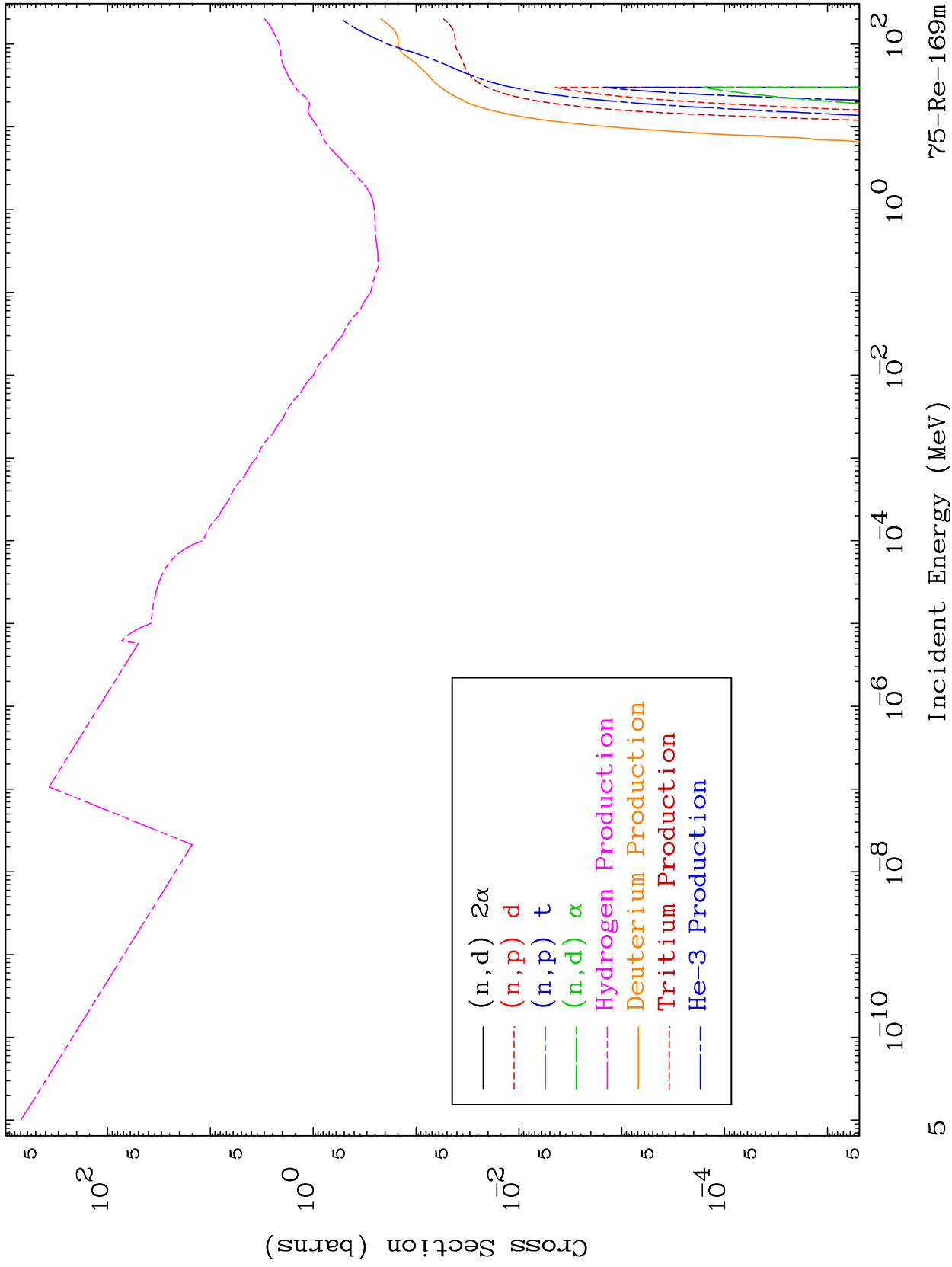
75-Re-169m



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Neutron Absorption  
293 Kelvin Cross Sections

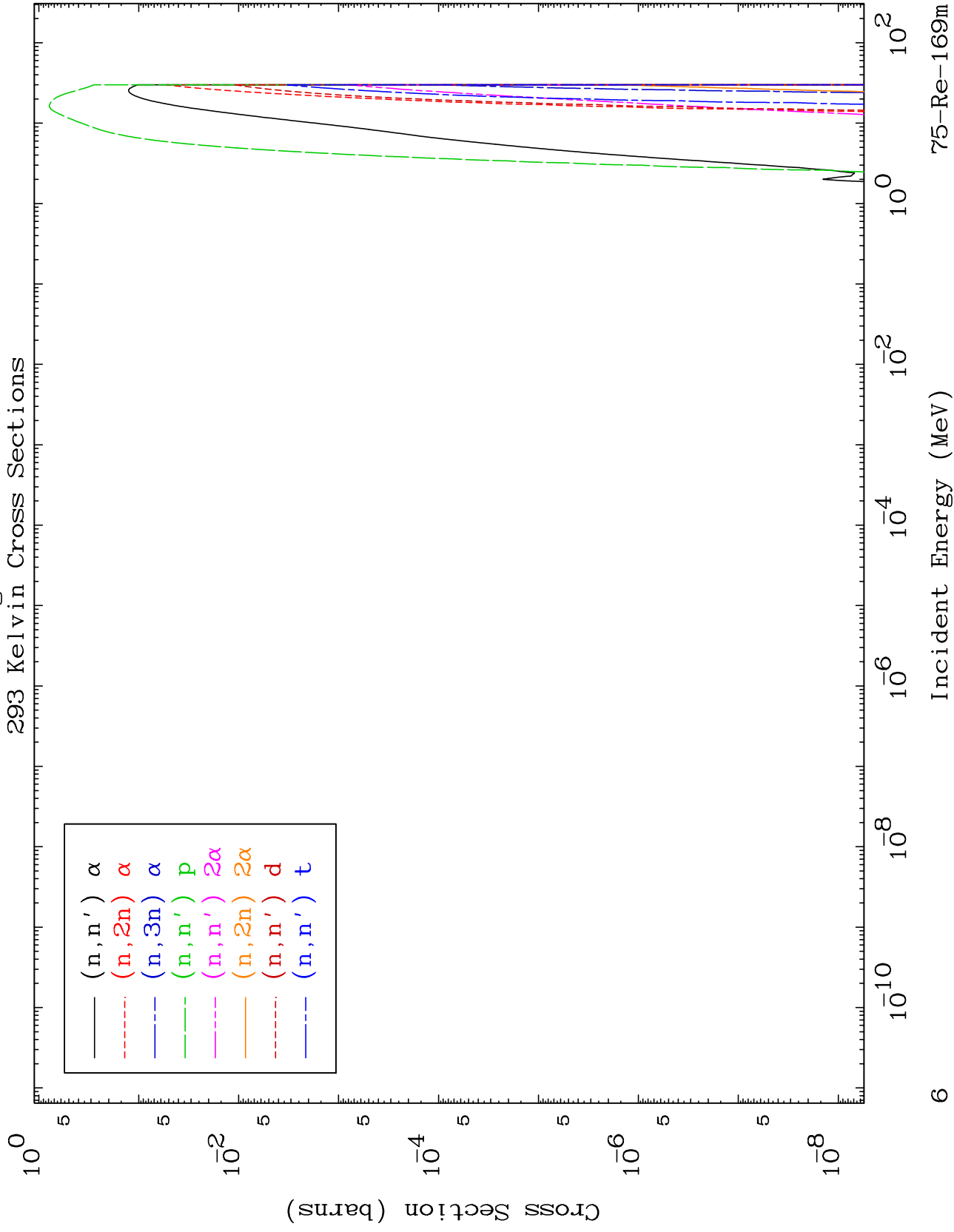
75-Re-169m



MAT 7478

Charged Particle  
293 Kelvin Cross Sections

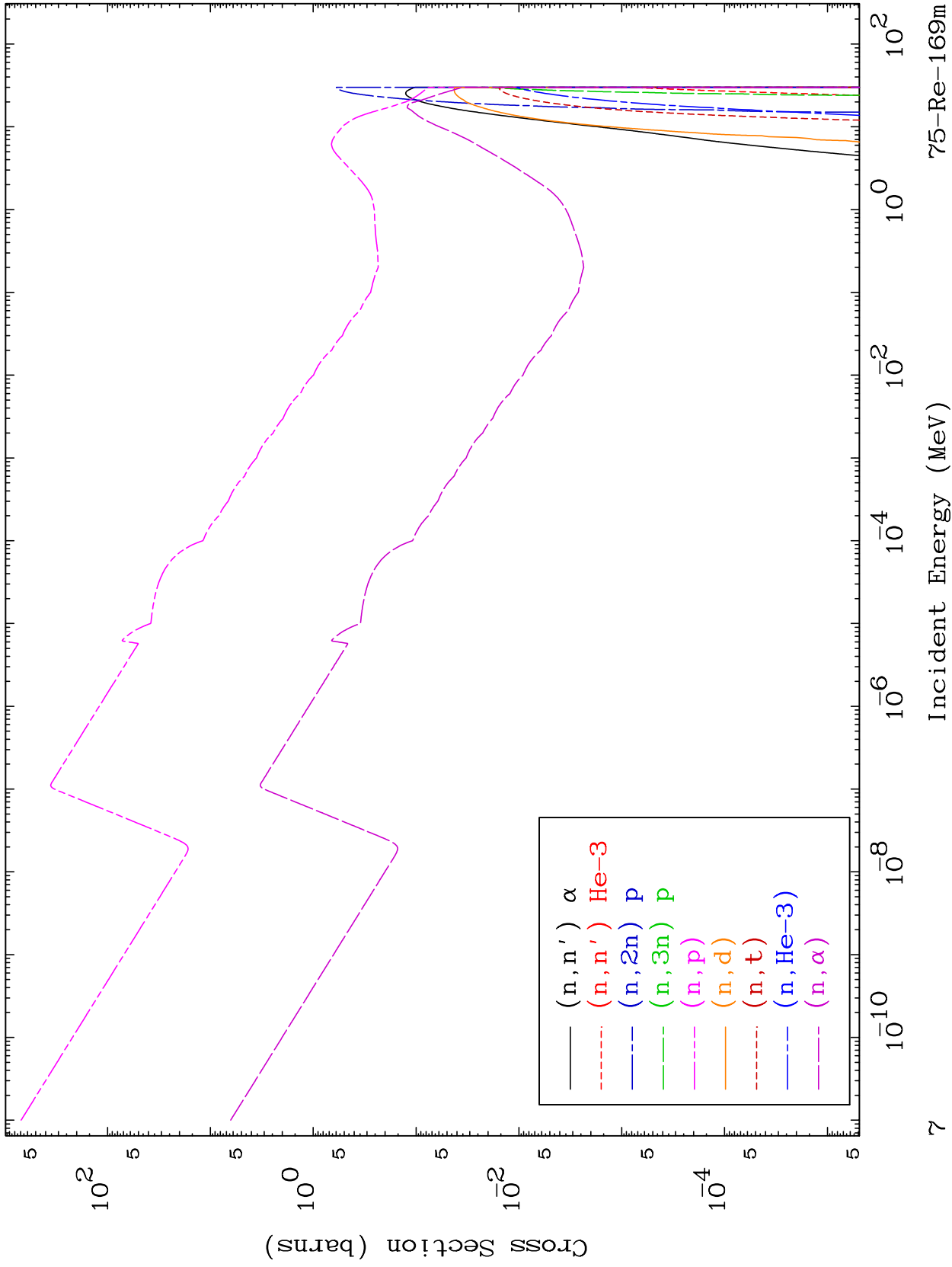
75-Re-169m



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Charged Particle  
293 Kelvin Cross Sections

75-Re-169m

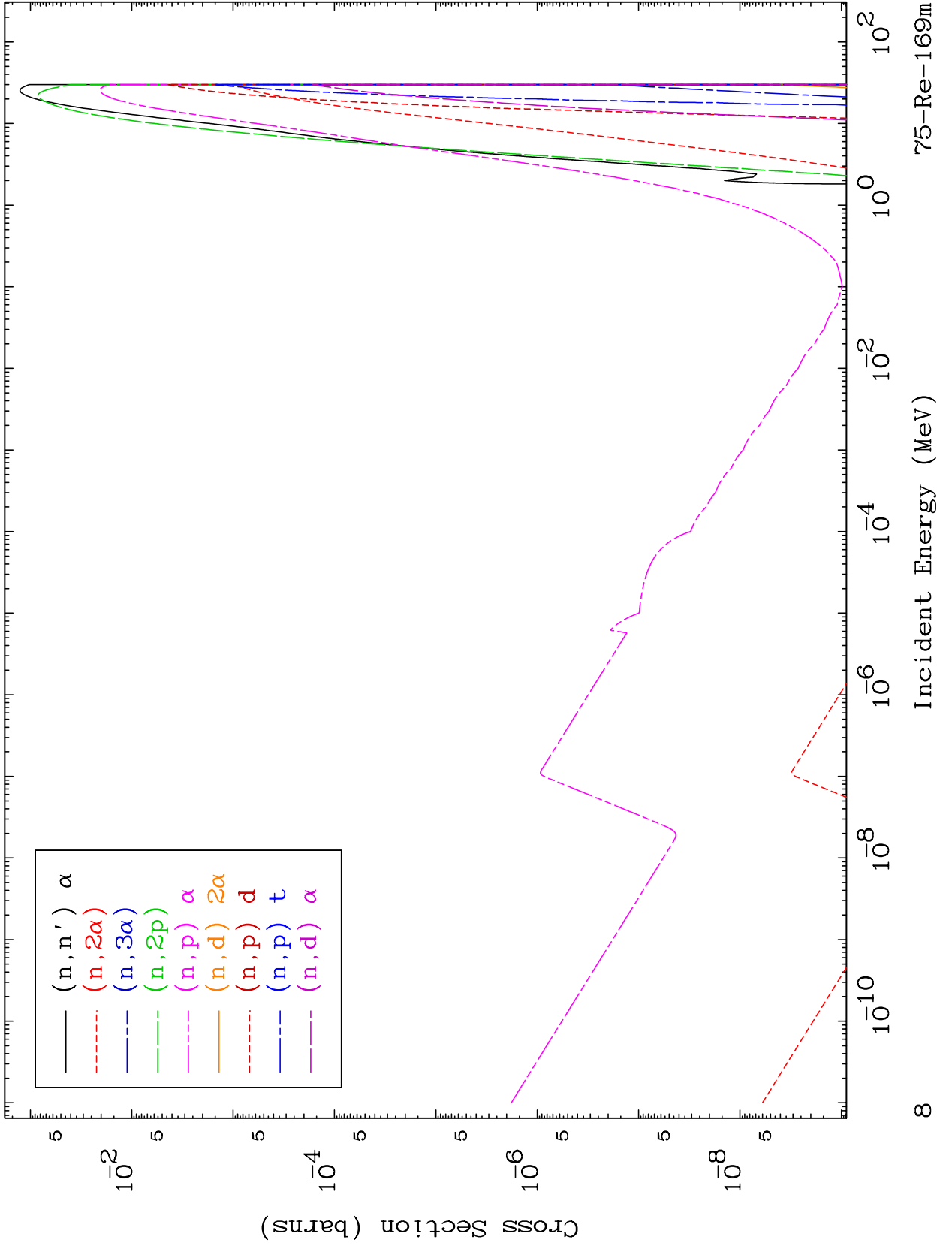




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Charged Particle  
293 Kelvin Cross Sections

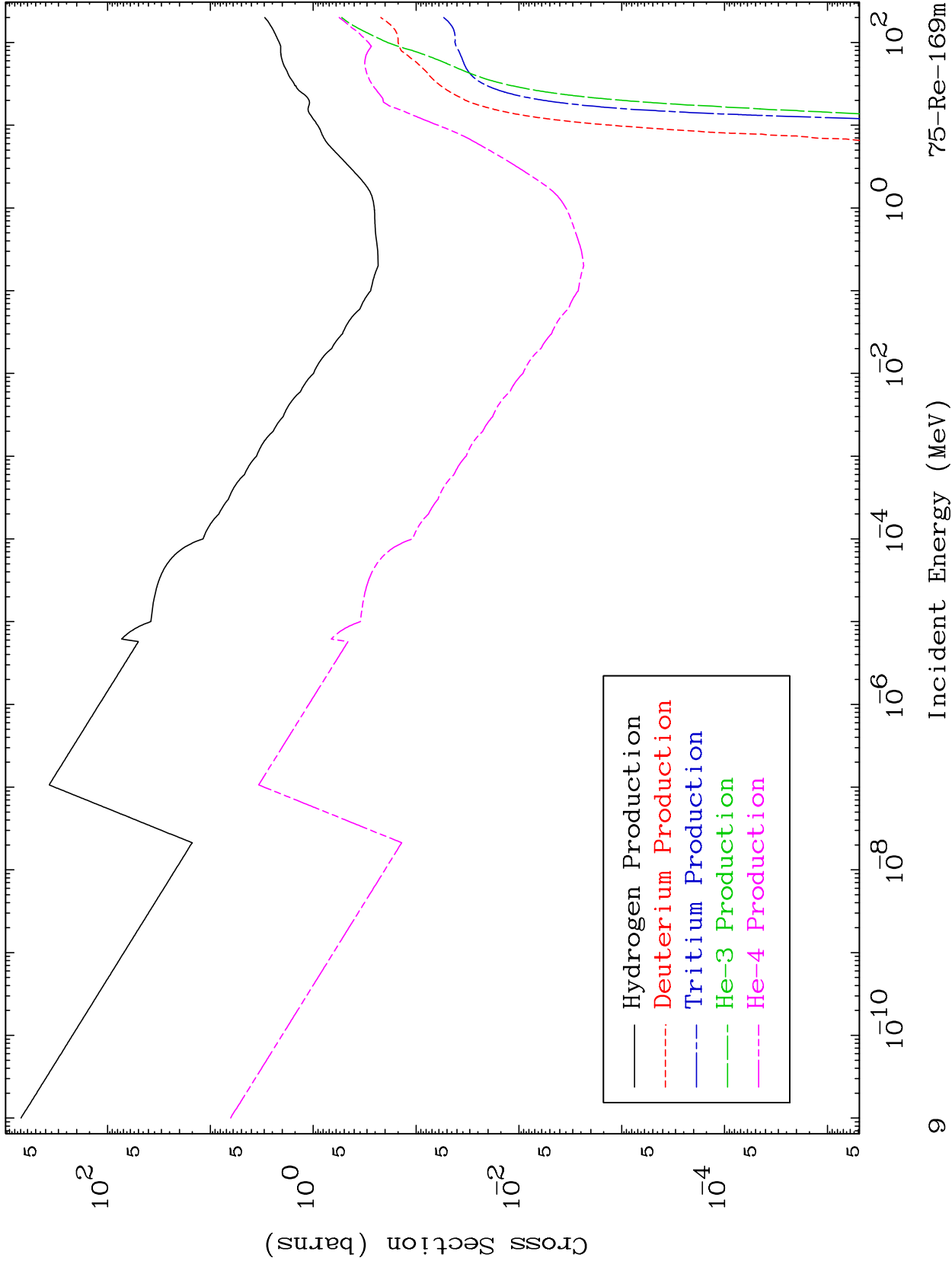
75-Re-169m



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Particle Production  
293 Kelvin Cross Sections

75-Re-169m

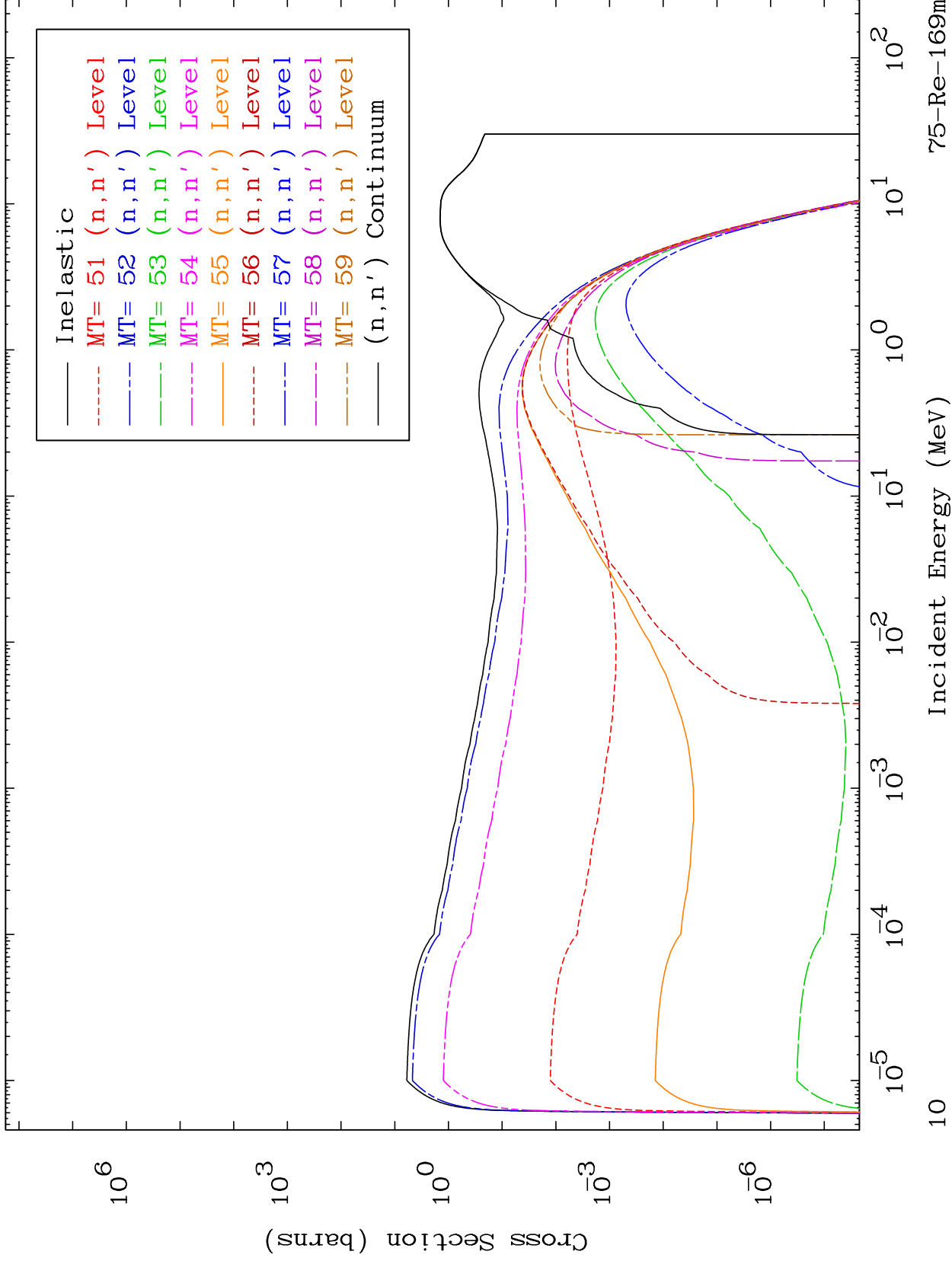


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(n,n') Levels

293 Kelvin Cross Sections

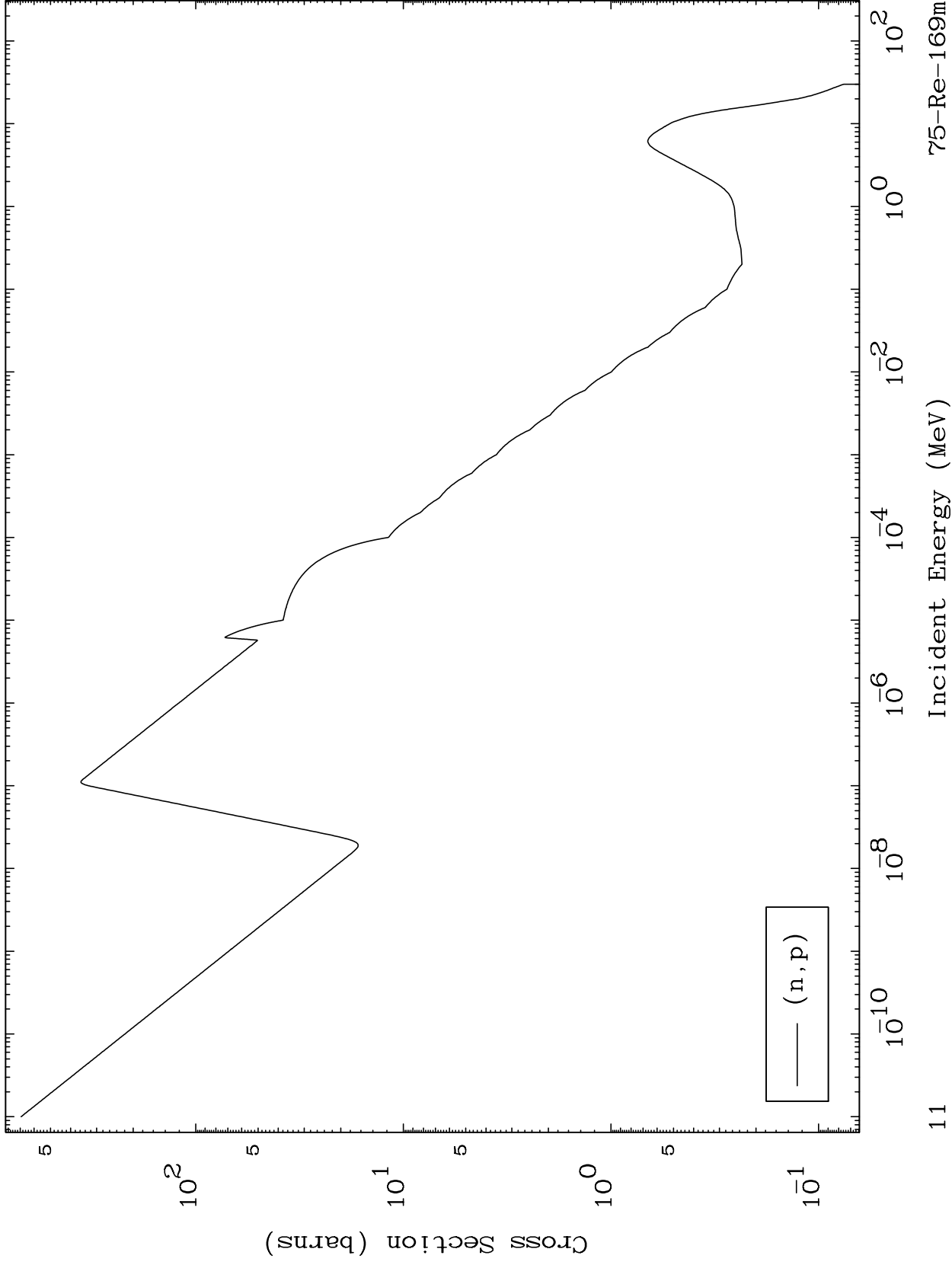
75-Re-169m



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(n,p) Levels  
293 Kelvin Cross Sections

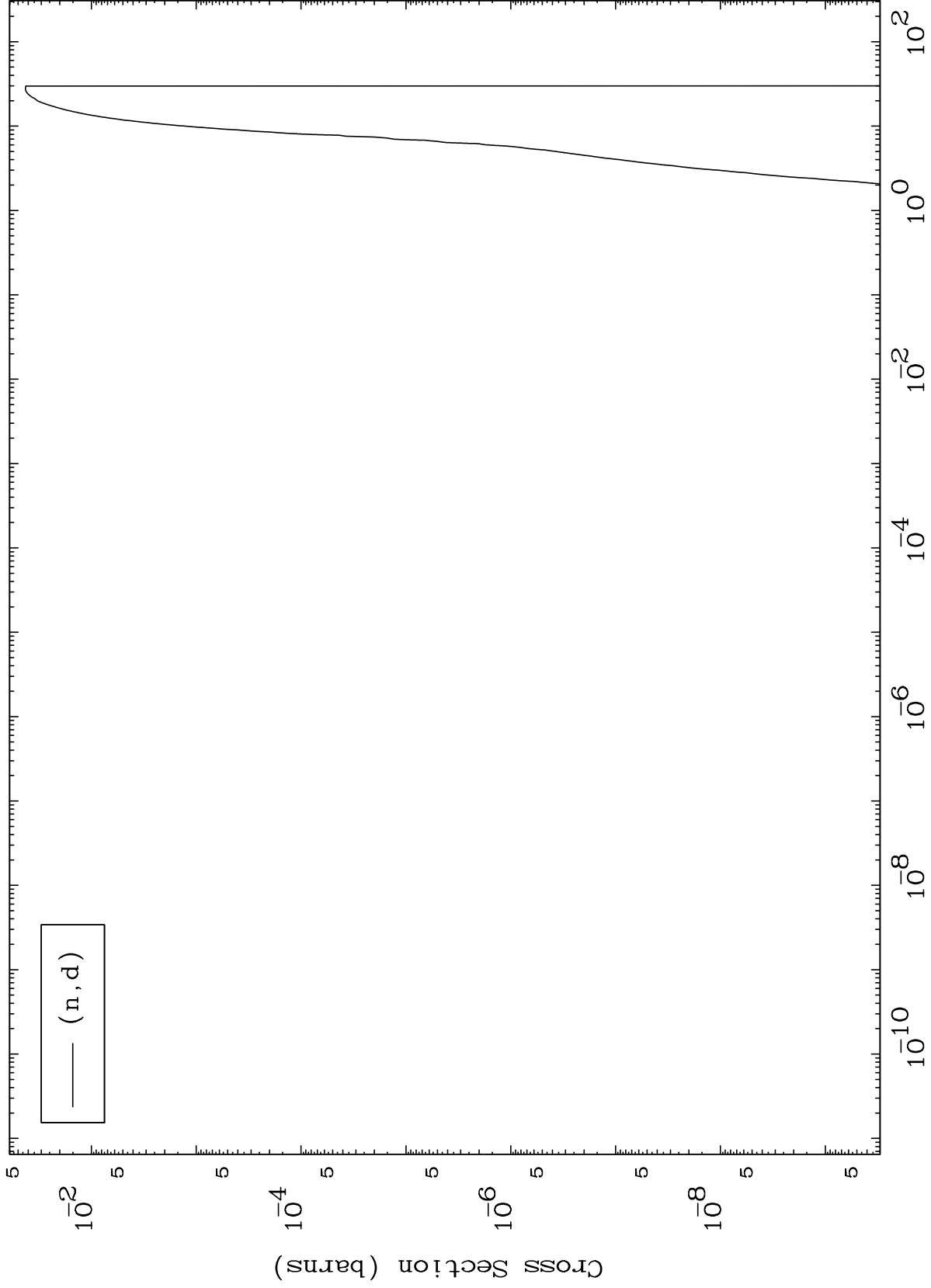
<sup>75</sup>Re-169m



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(n,d) Levels  
293 Kelvin Cross Sections

75-Re-169m



12

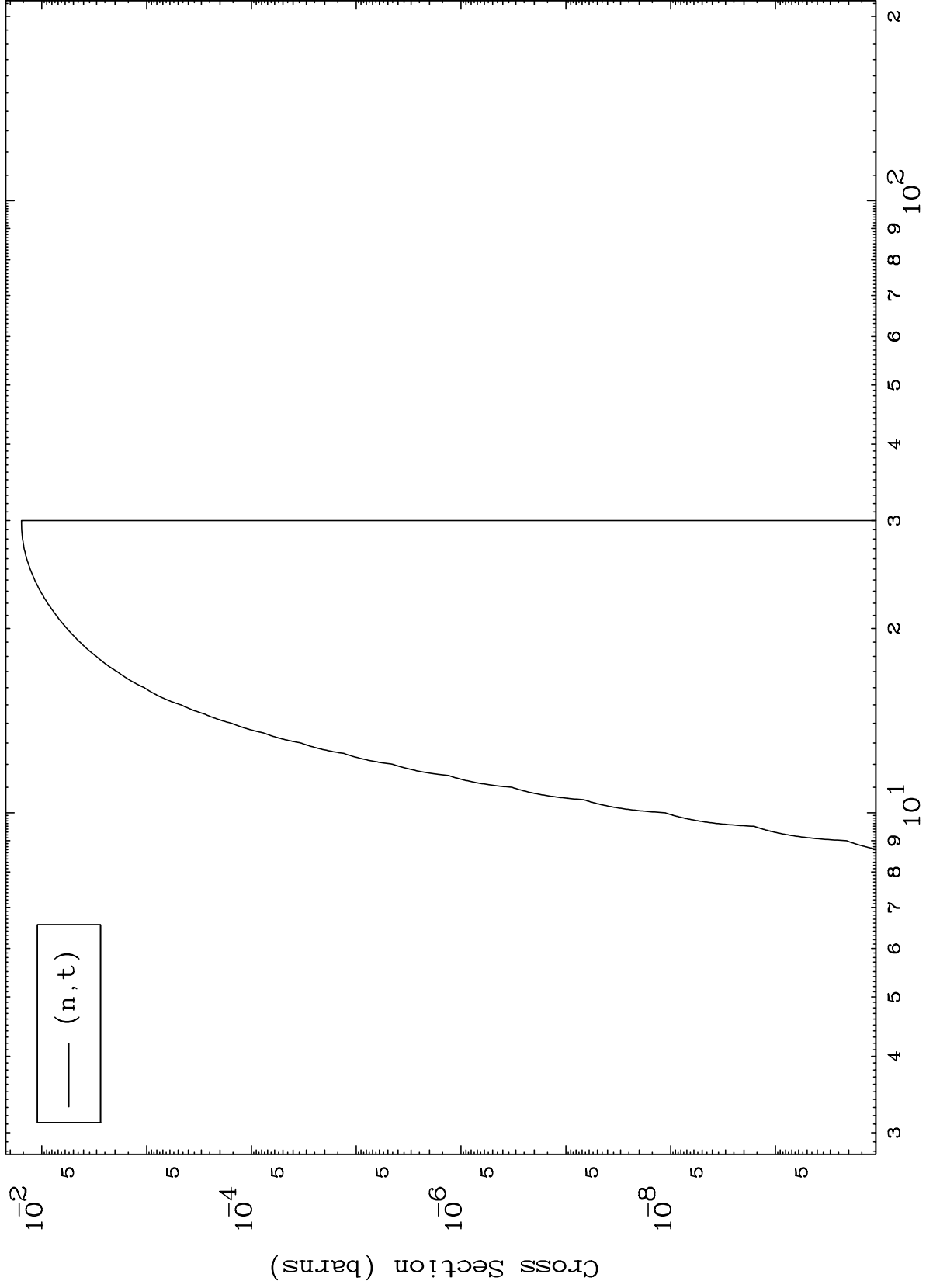
Incident Energy (MeV)

75-Re-169m

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(n,t) Levels  
293 Kelvin Cross Sections

75-Re-169m



13

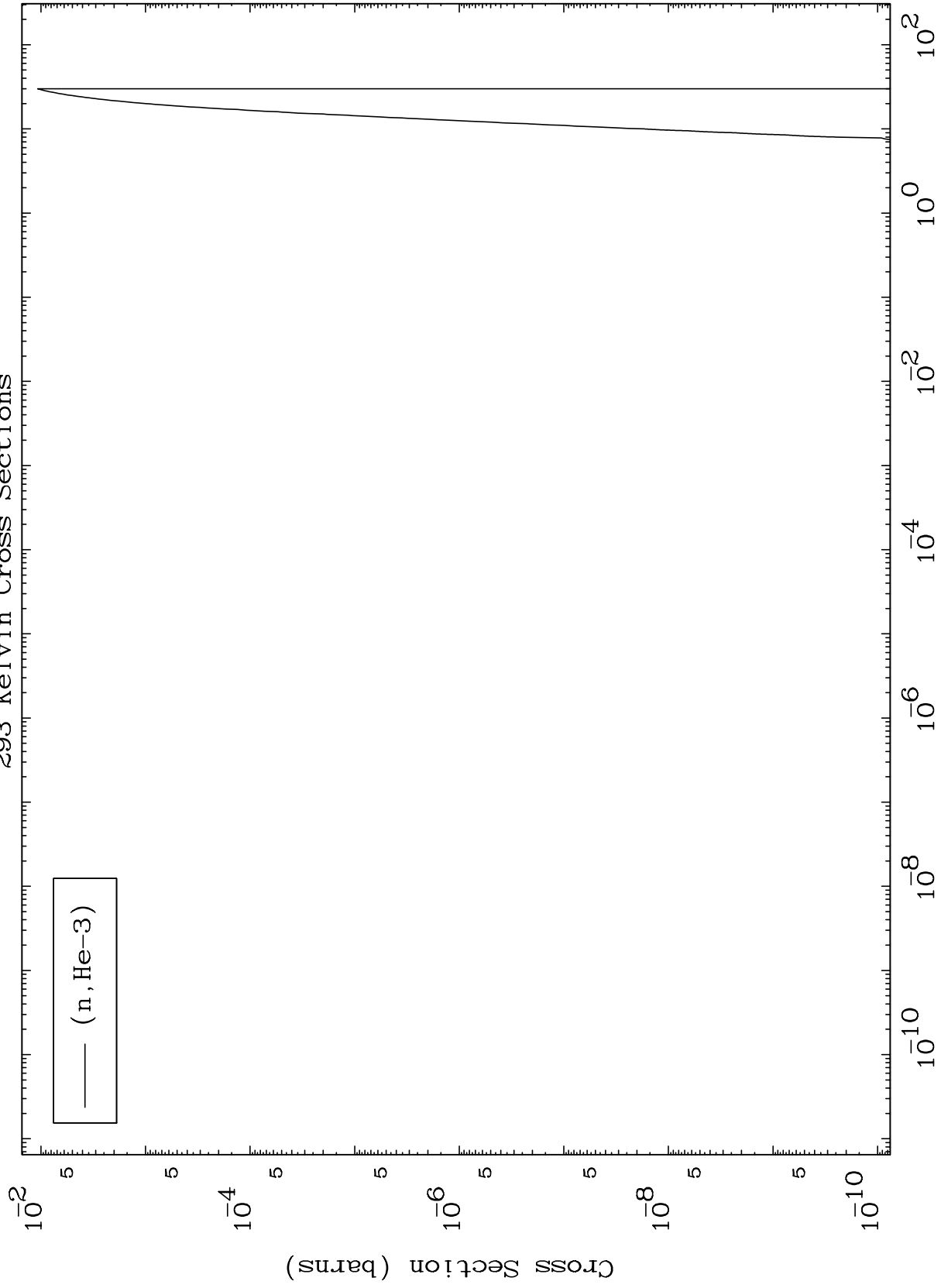
Incident Energy (MeV)

75-Re-169m

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(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-169m



(n, He-3)

75-Re-169m

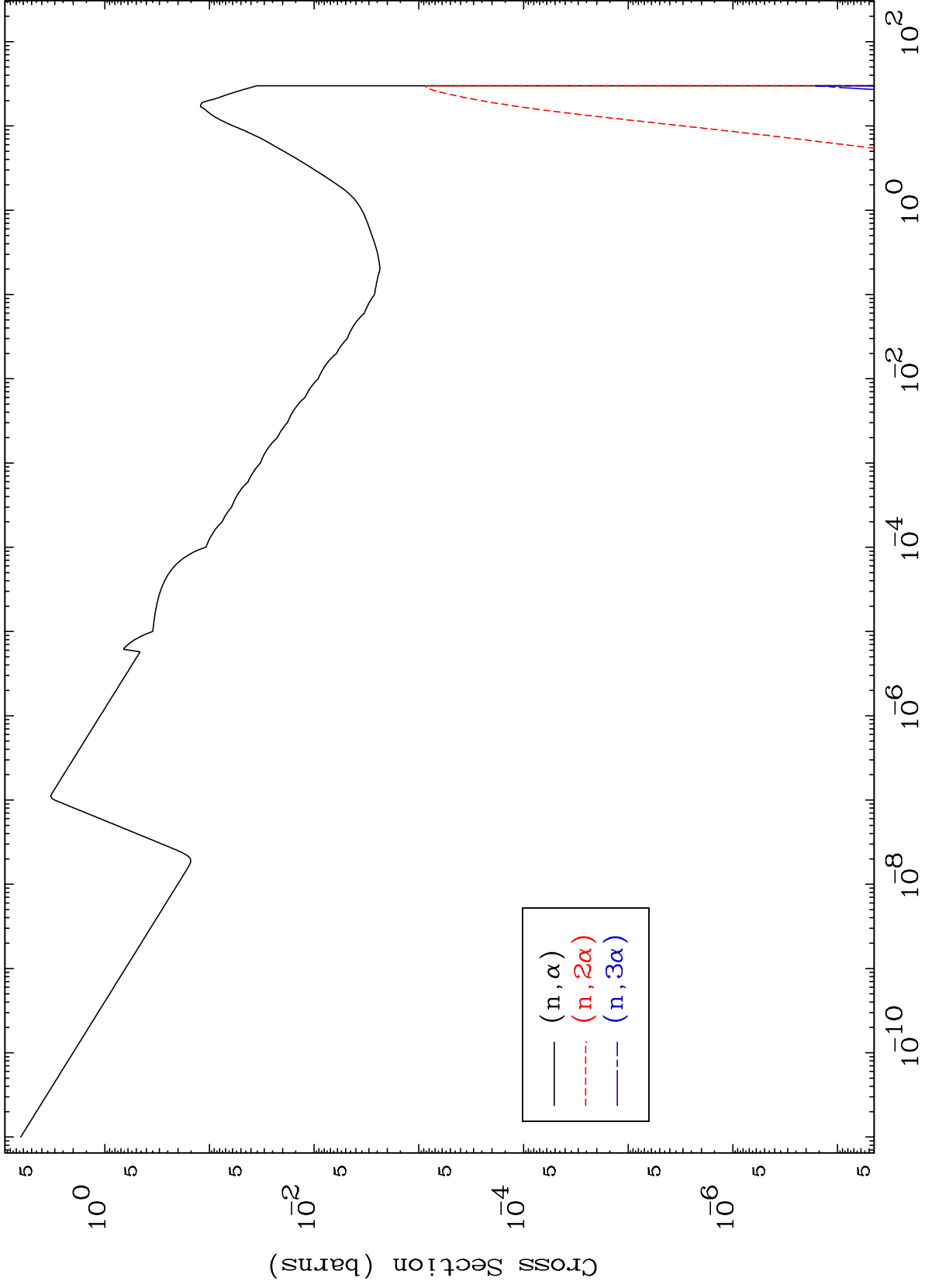
Incident Energy (MeV)

14

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

75-Re-169m





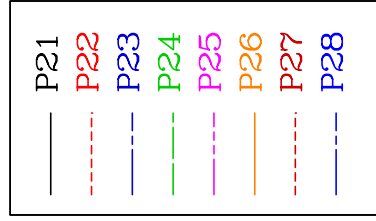




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Elastic  
Legendre Coefficients

75-Re-169m



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

25

30

18

Incident Energy (MeV)

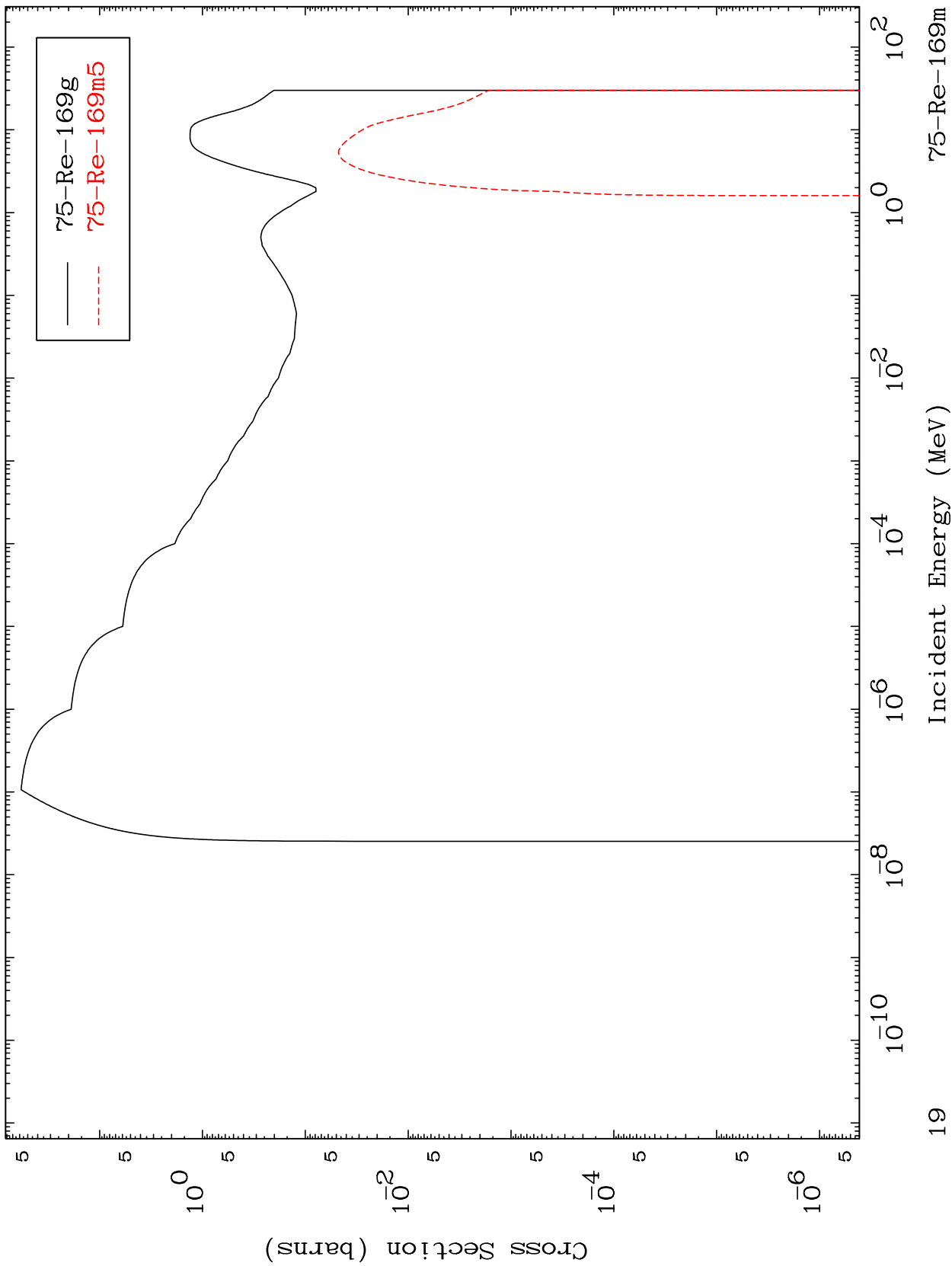
75-Re-169m



MAT 7478

75-Re-169m

Inelastic  
Radionuclide Production Cross Section

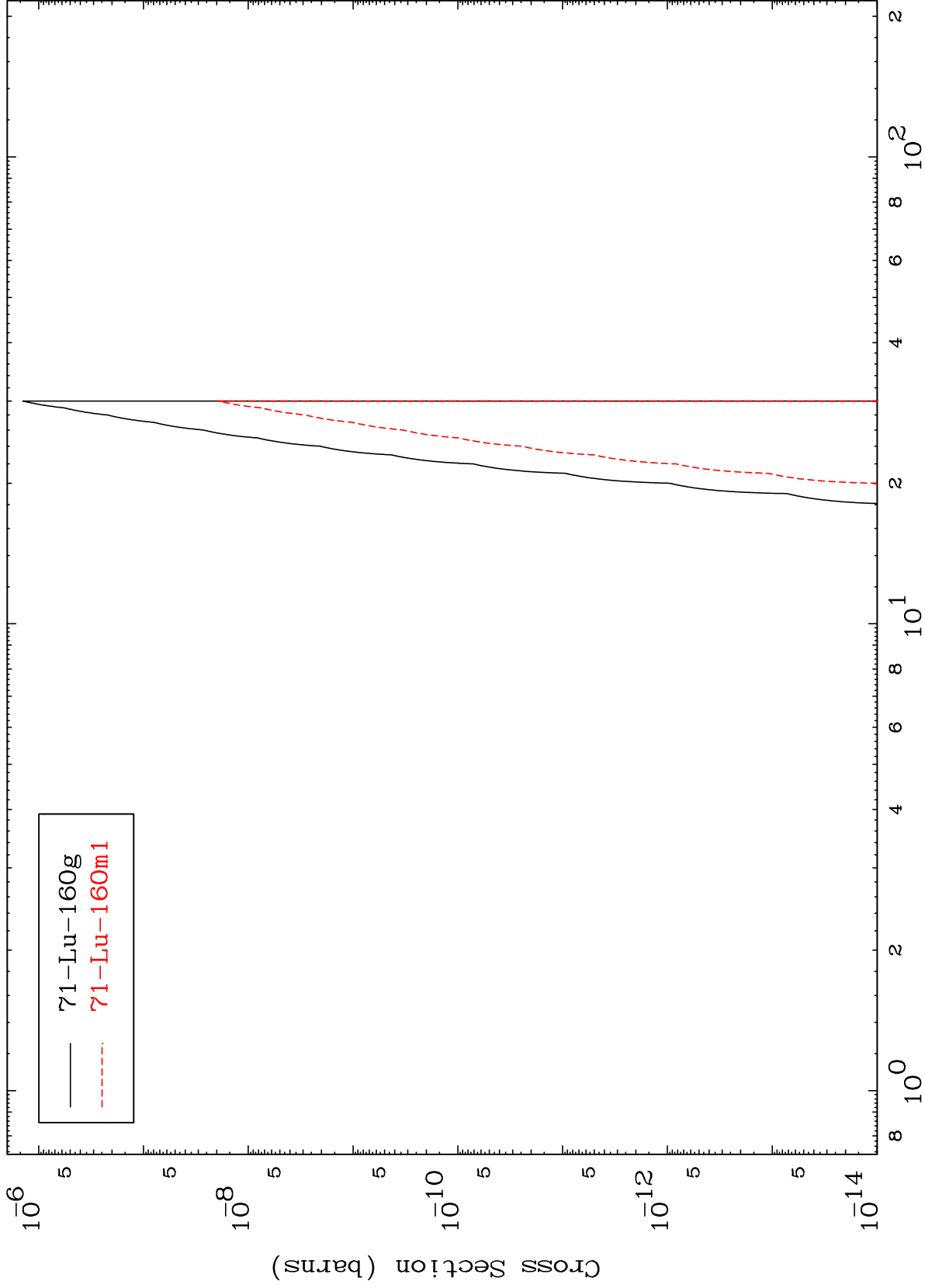


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(n,2n) 2α

75-Re-169m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

75-Re-169m

MAT 7478

(n,2α)

<sup>75</sup>Re-169m

Radionuclide Production Cross Section

