

Program EVALPLOT  
(Version 2018-1)

by

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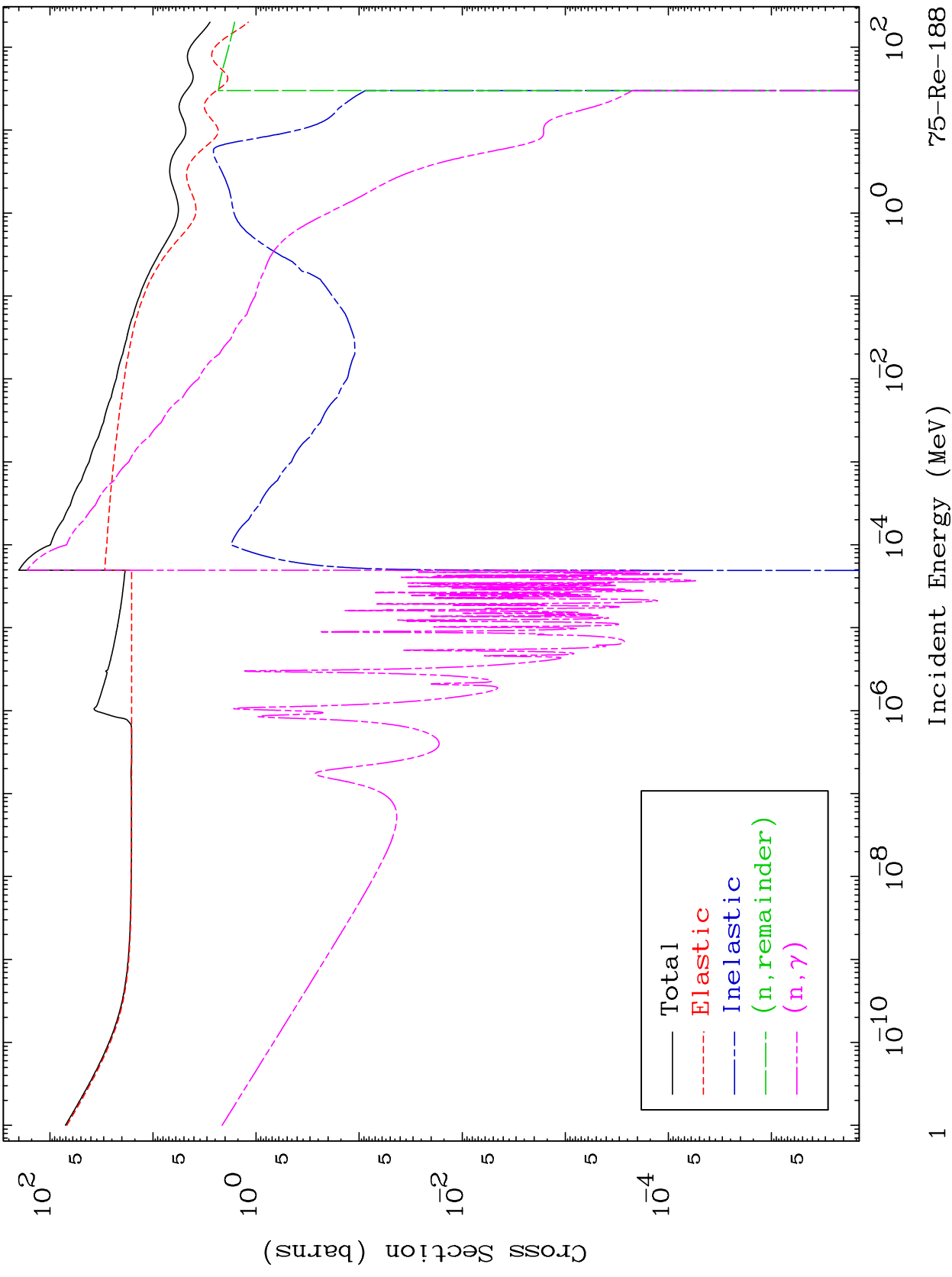
Press Mouse Button to Start

MAT 7535

Major

293 Kelvin Cross Sections

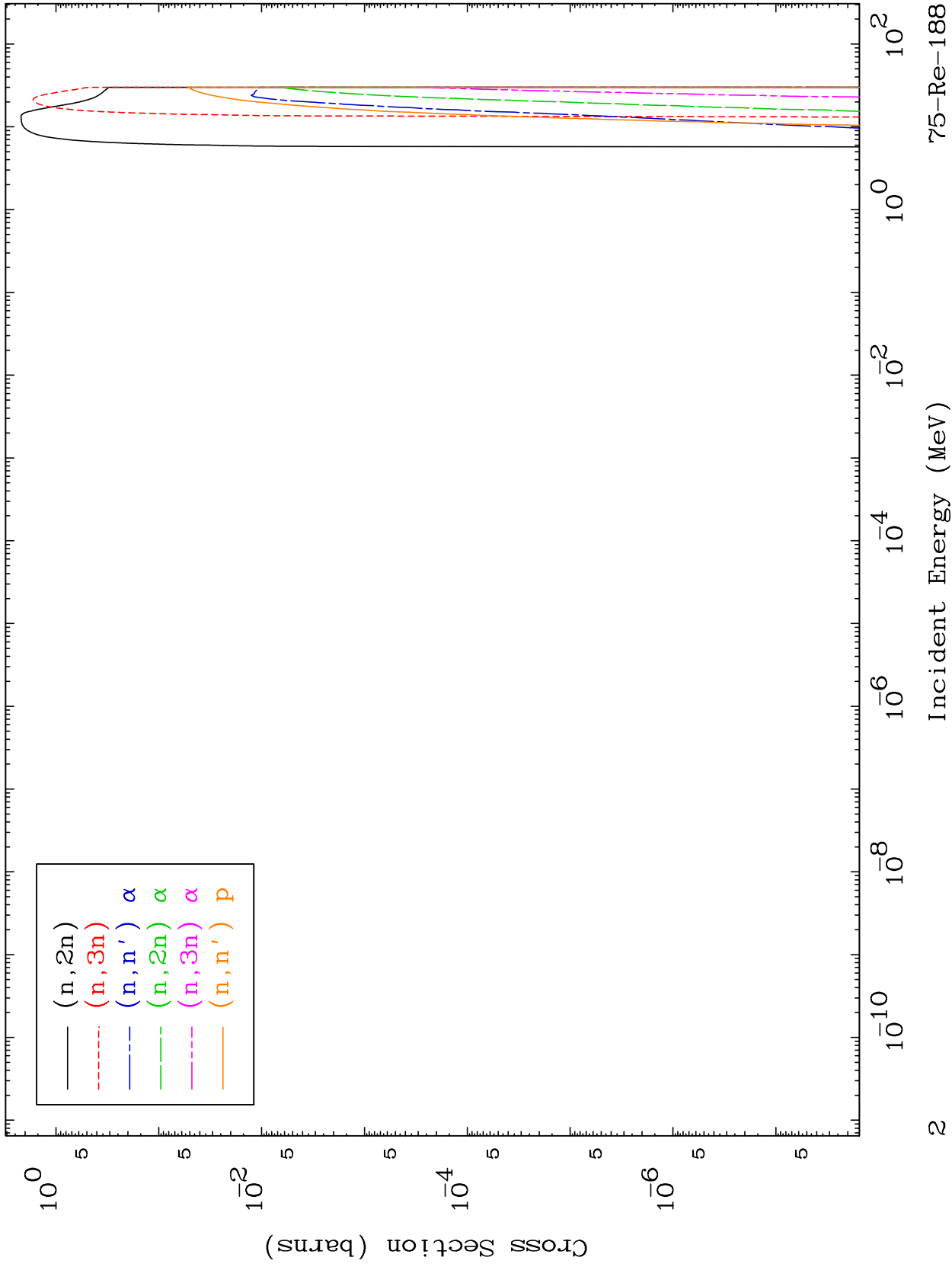
75-Re-188



MAT 7535

Neutron Production  
293 Kelvin Cross Sections

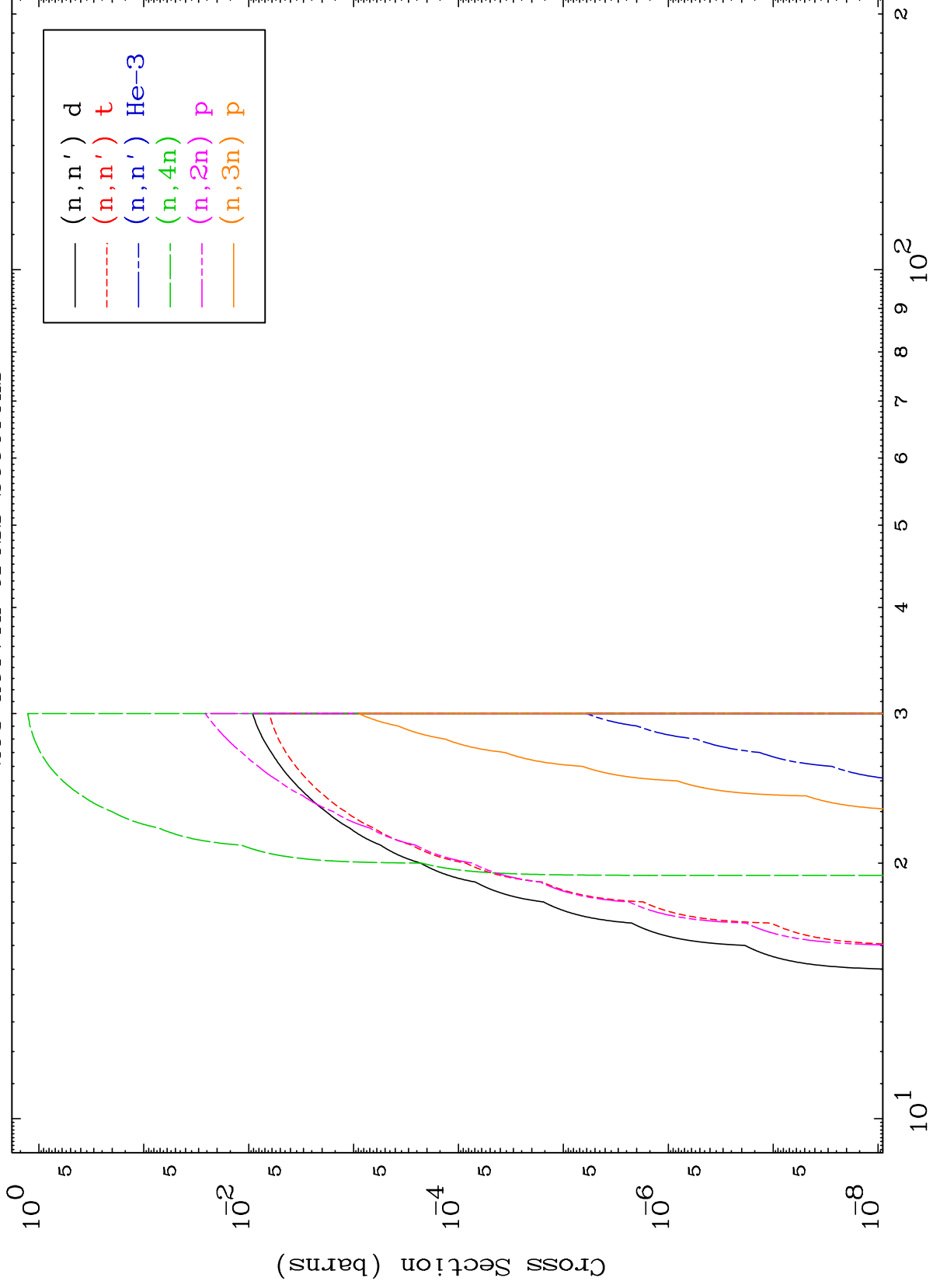
75-Re-188



MAT 7535

Neutron Production  
293 Kelvin Cross Sections

75-Re-188



75-Re-188

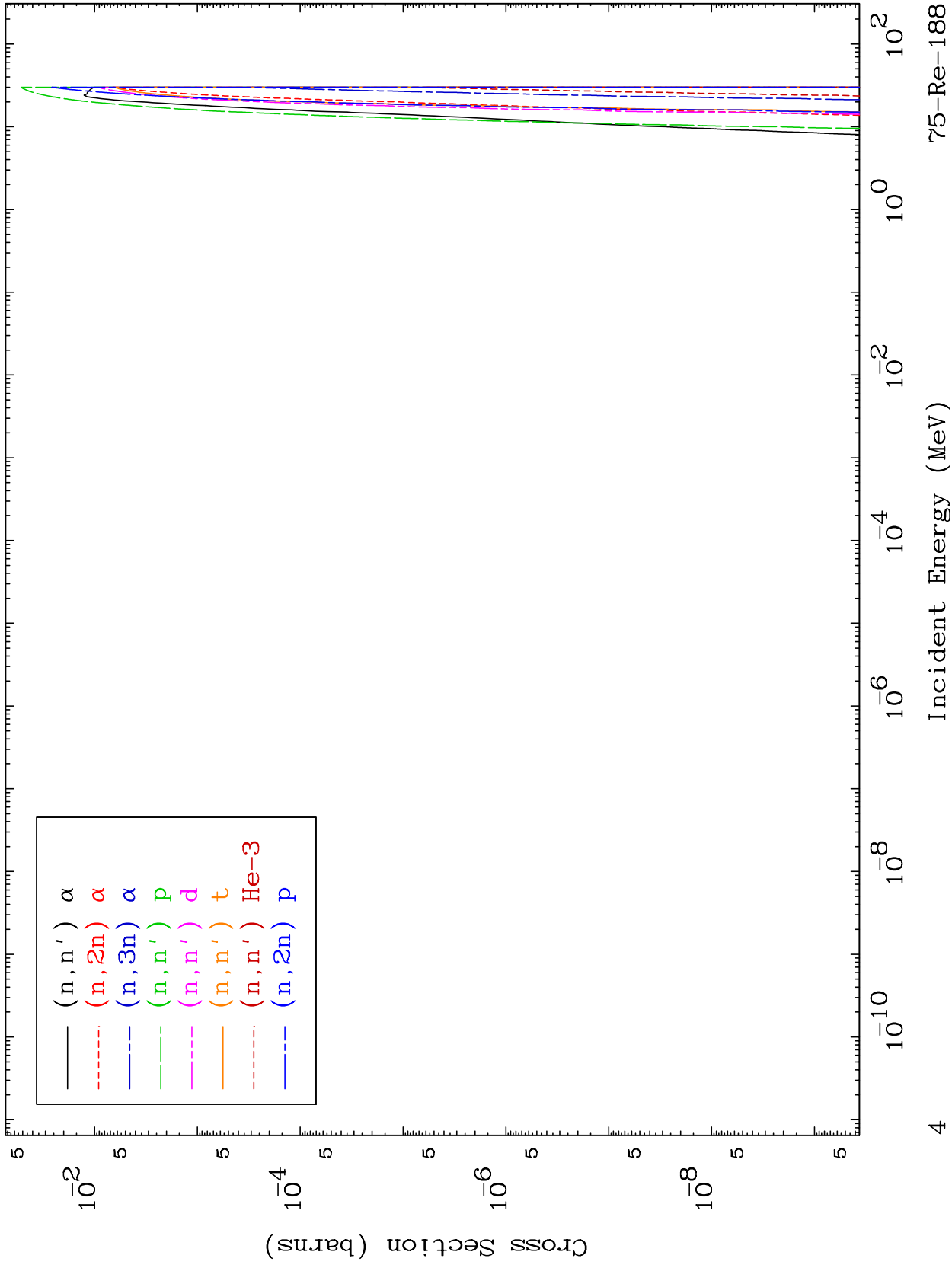
Incident Energy (MeV)

3

MAT 7535

Charged Particle  
293 Kelvin Cross Sections

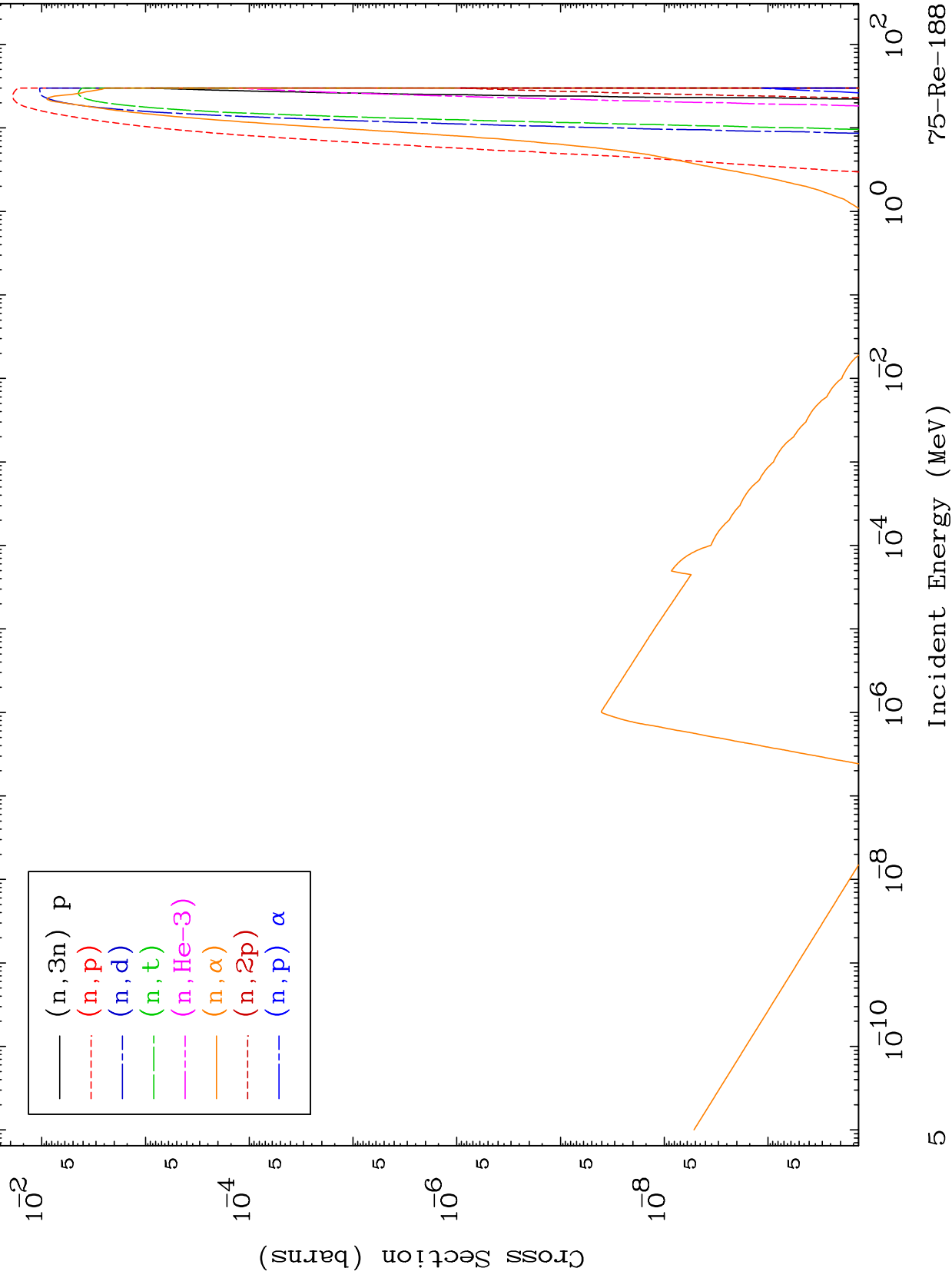
75-Re-188

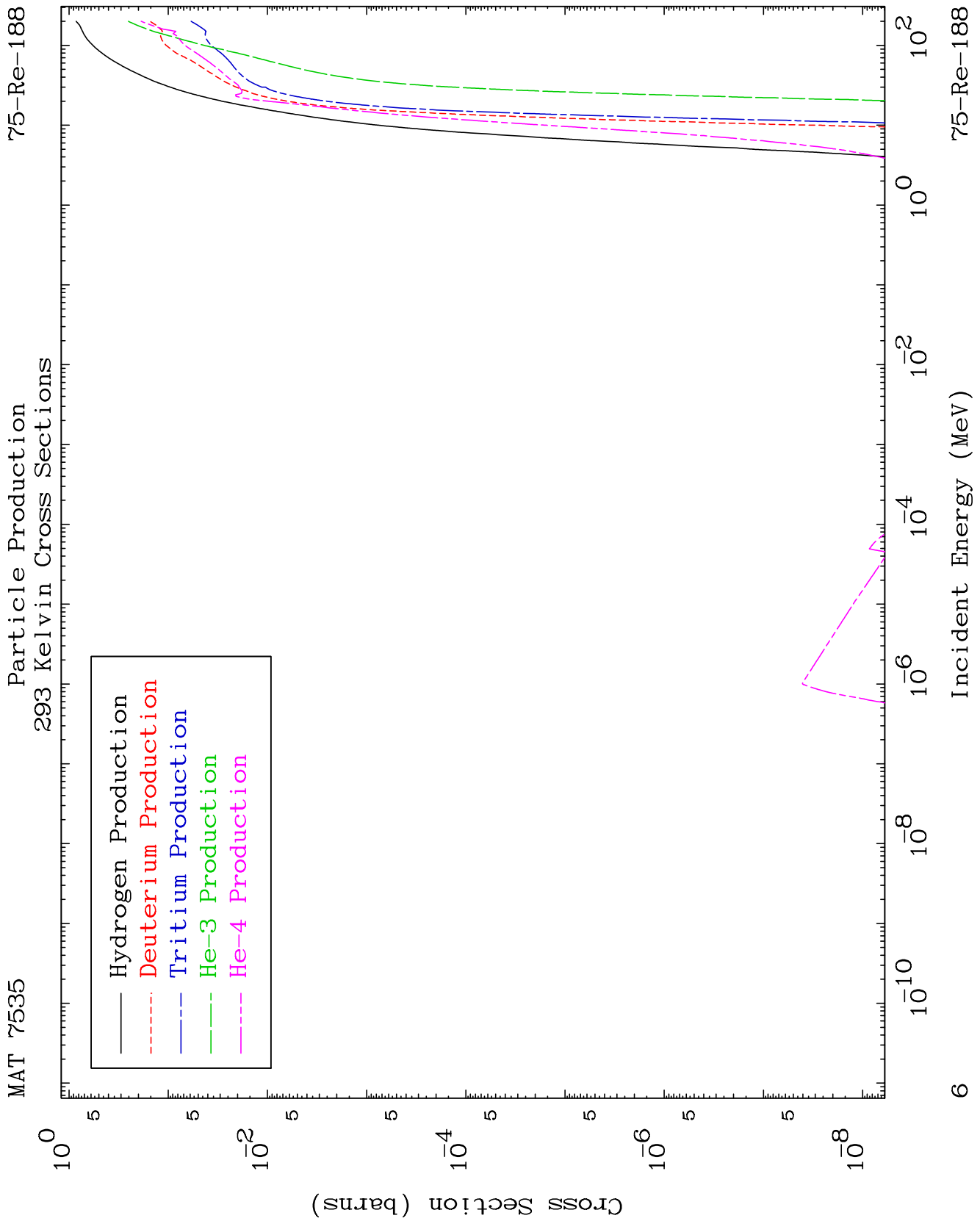


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Charged Particle  
293 Kelvin Cross Sections

75-Re-188

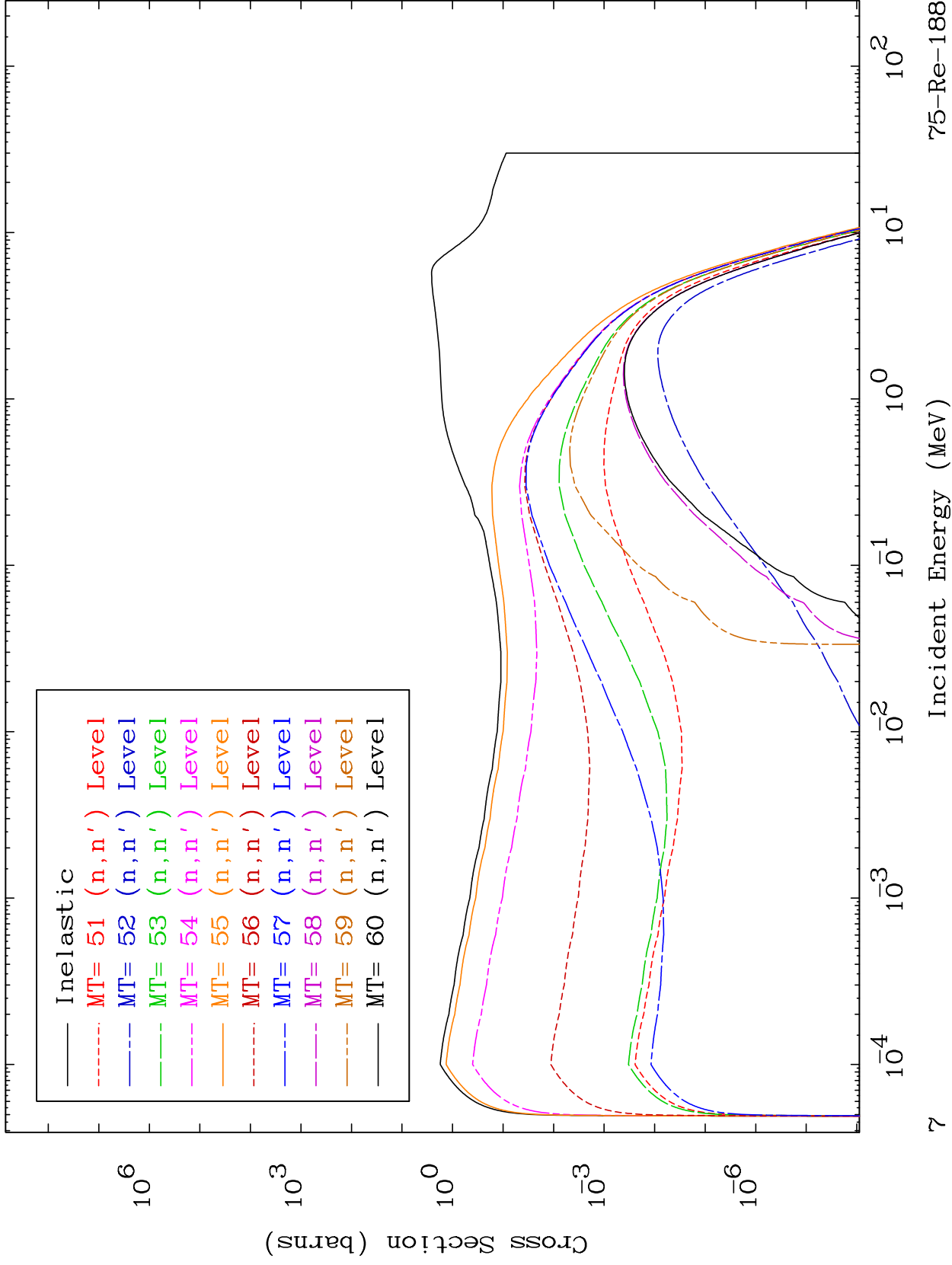




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(n,n') Level  
293 Kelvin Cross Sections

75-Re-188



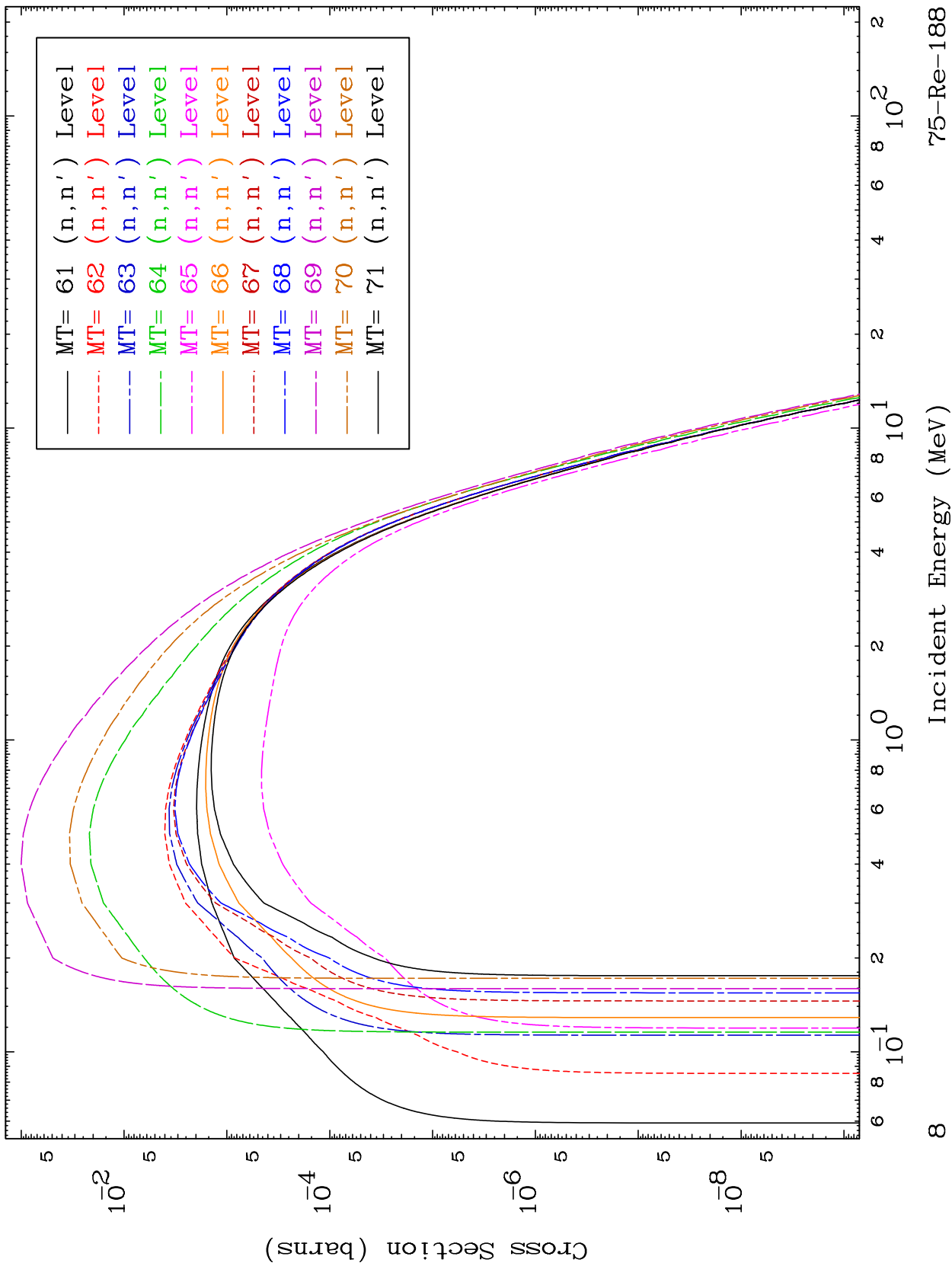


MAT 7535

(n,n') Level

75-Re-188

293 Kelvin Cross Sections



8

Incident Energy (MeV)

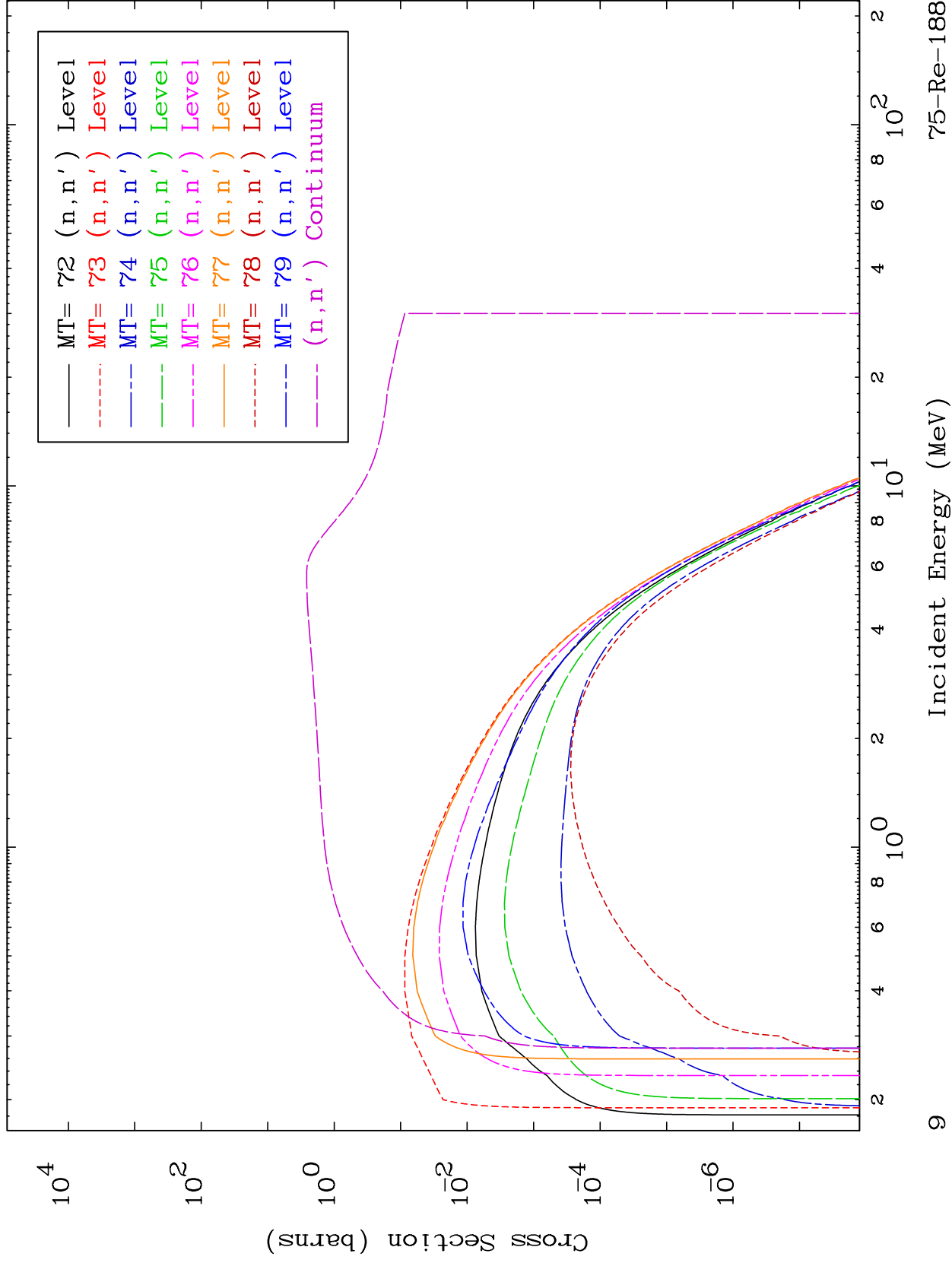
75-Re-188

MAT 7535

(n,n') Level

293 Kelvin Cross Sections

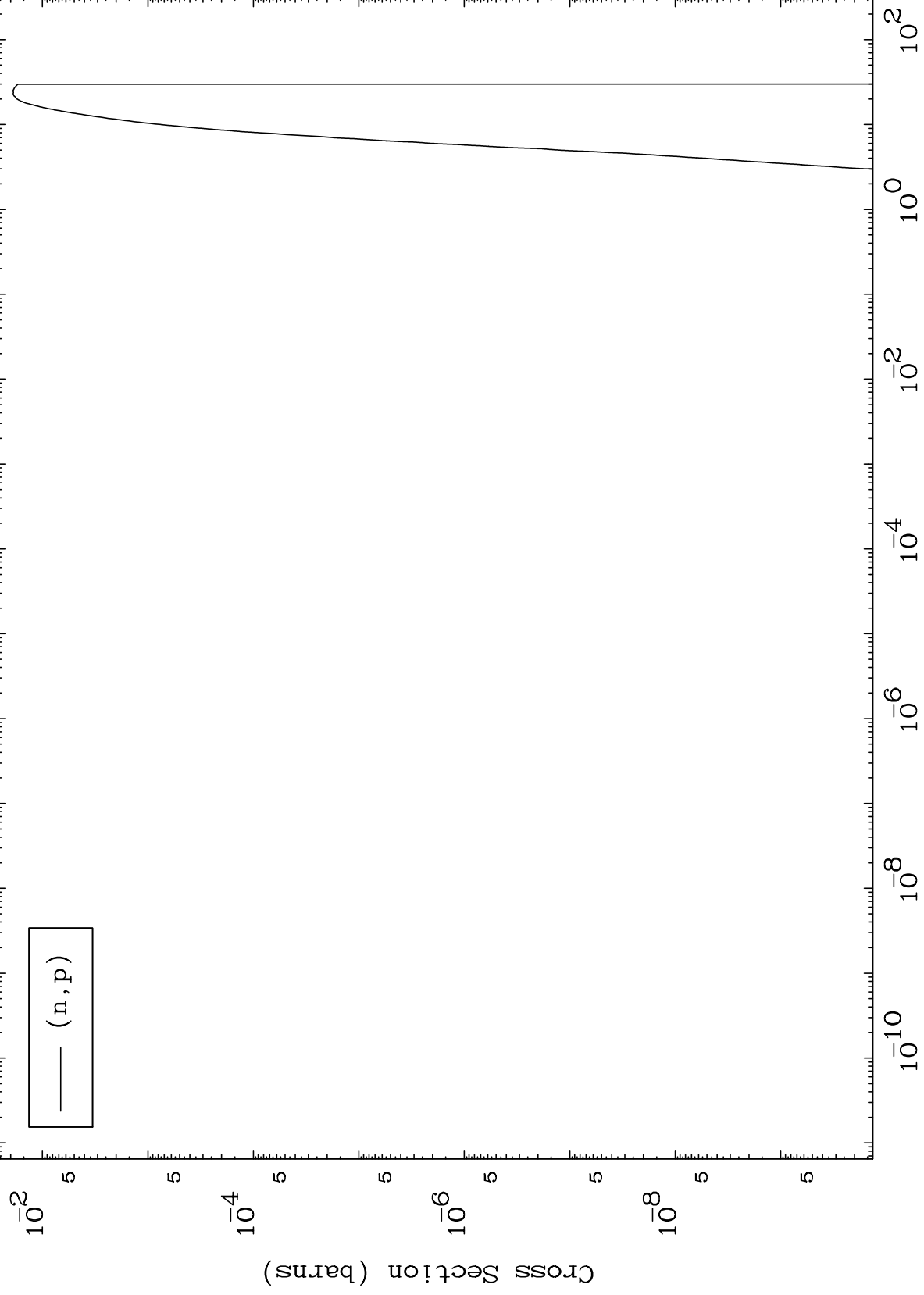
75-Re-188



MAT 7535

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-188



10

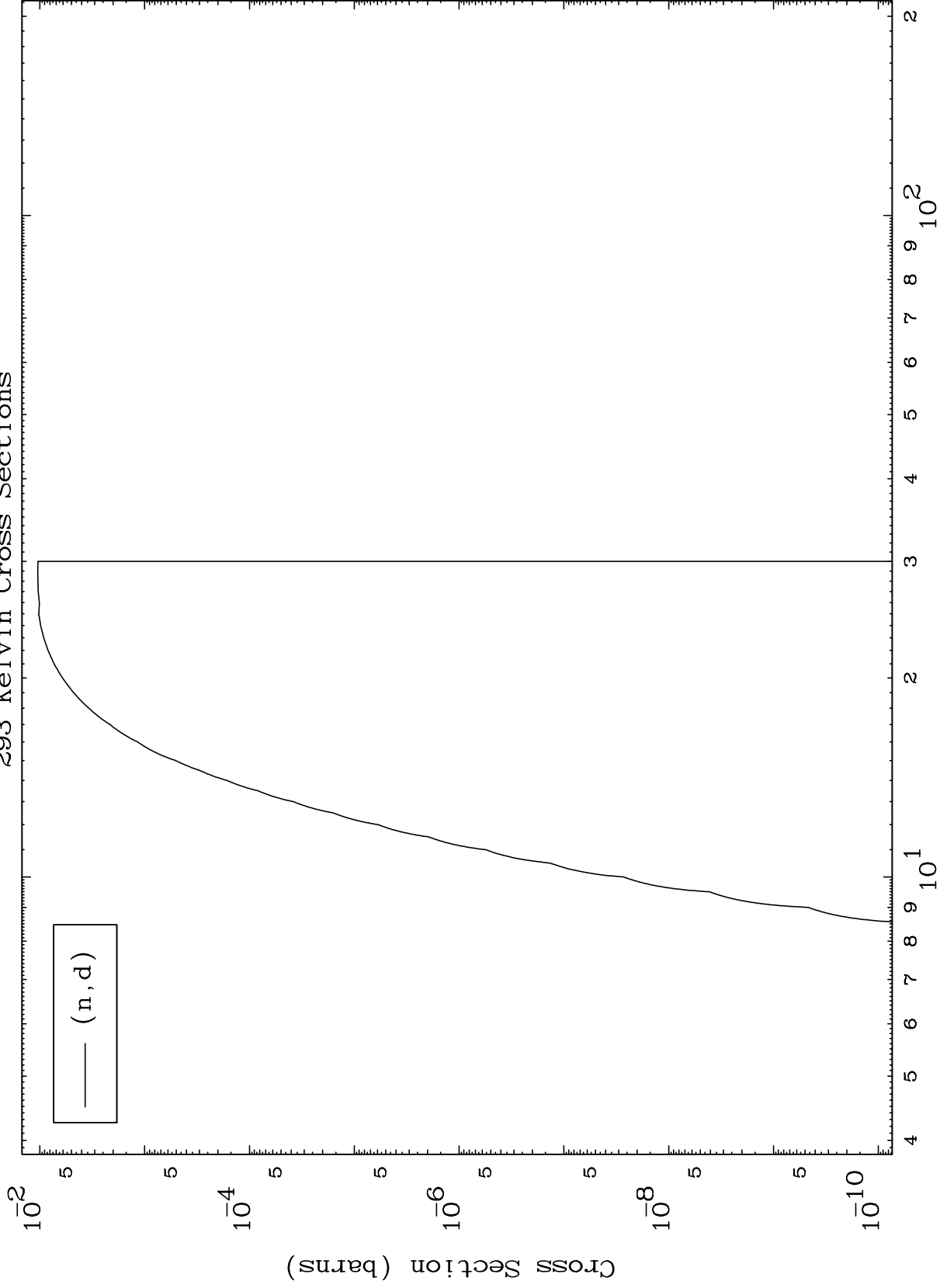
Incident Energy (MeV)

75-Re-188

MAT 7535

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-188



11

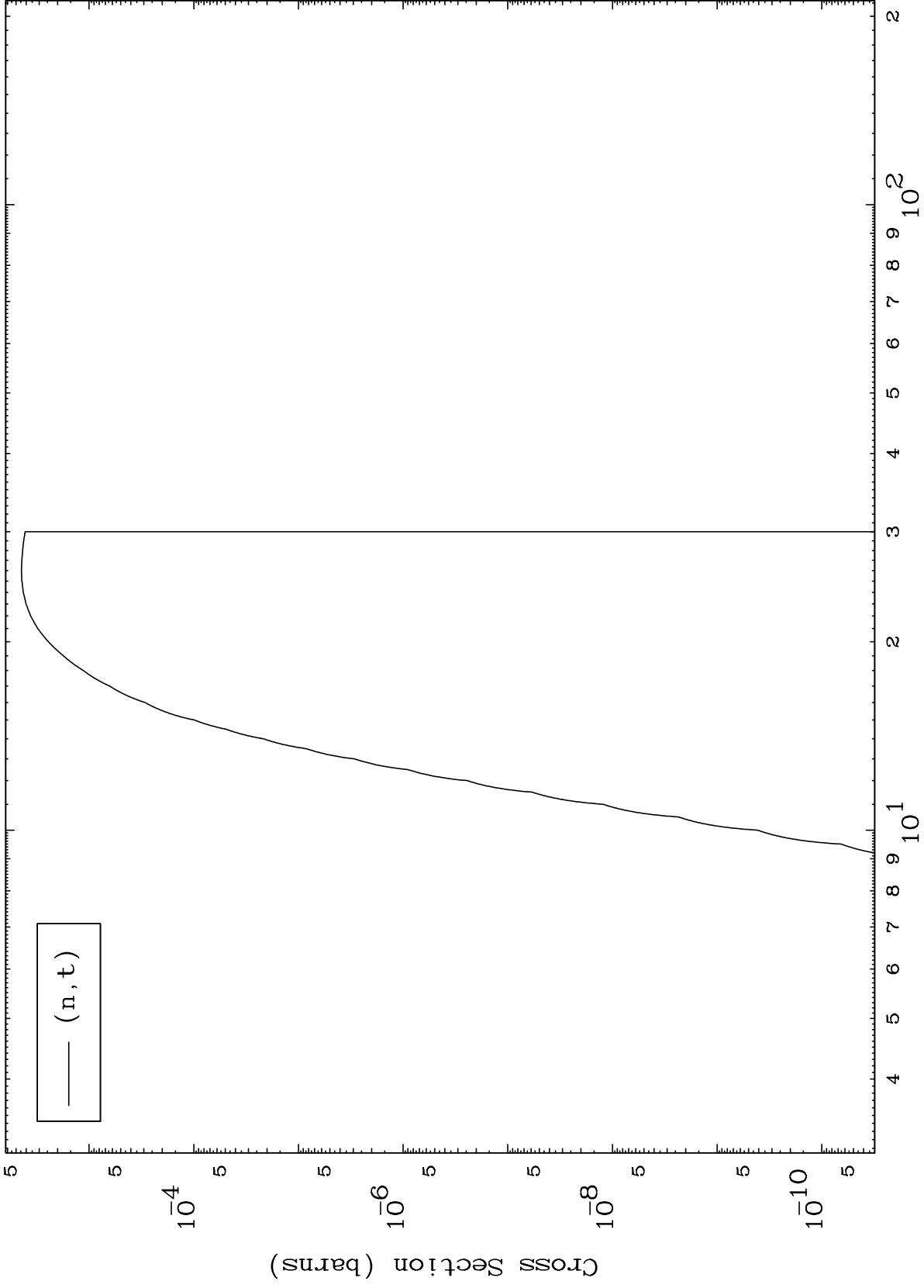
Incident Energy (MeV)

75-Re-188

MAT 7535

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-188



12

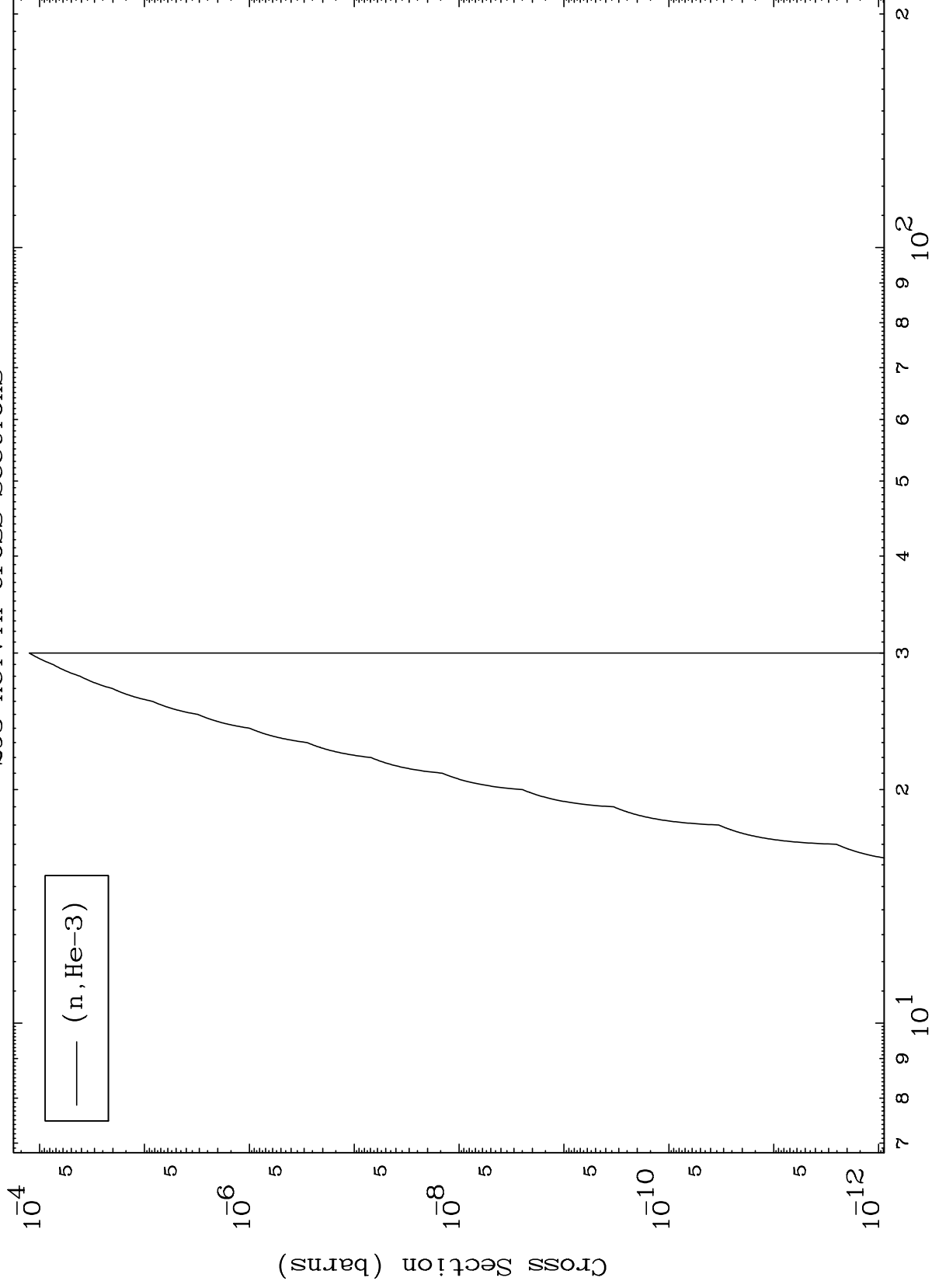
Incident Energy (MeV)

75-Re-188

MAT 7535

(n,He3) Levels  
293 Kelvin Cross Sections

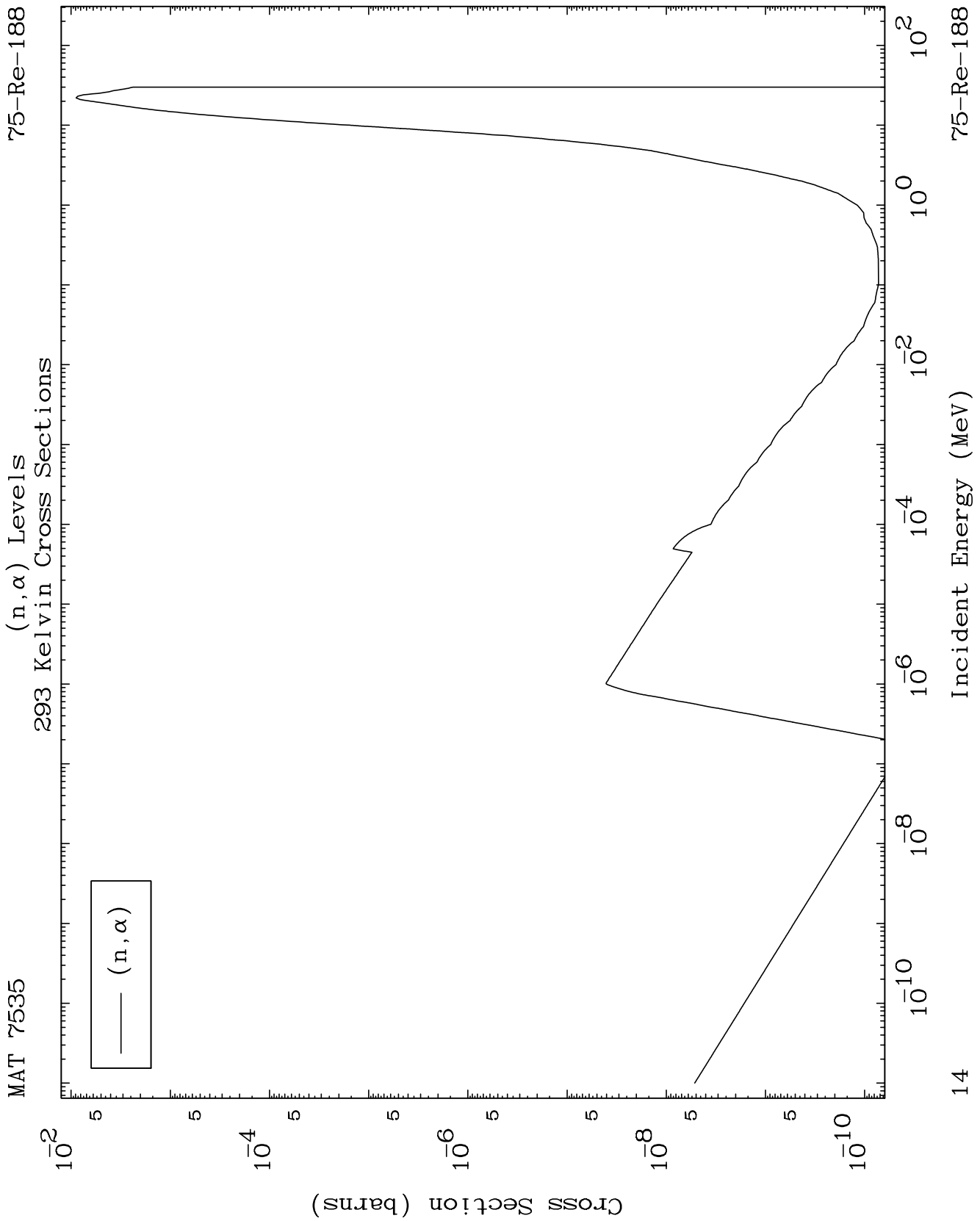
75-Re-188

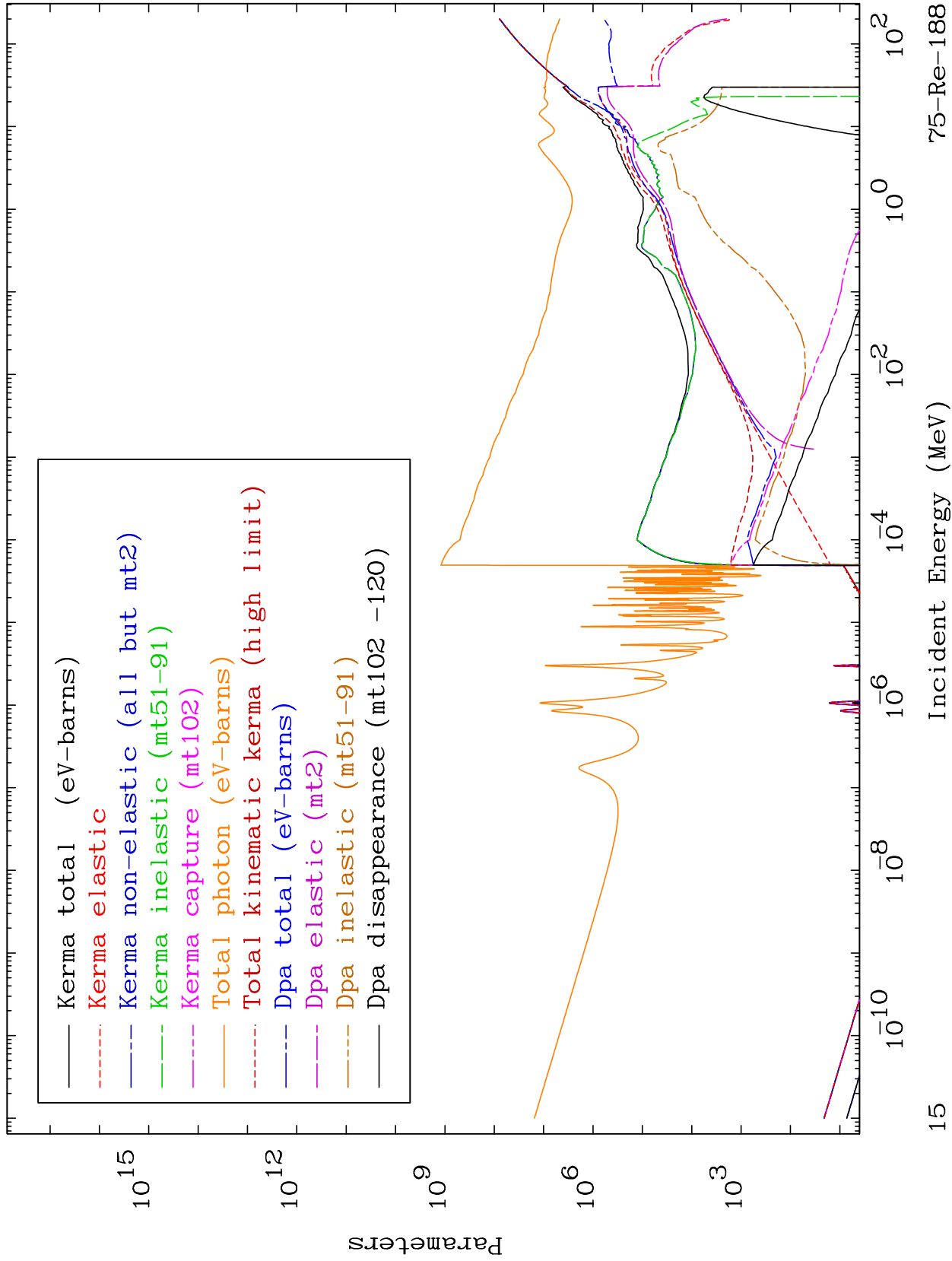


13

Incident Energy (MeV)

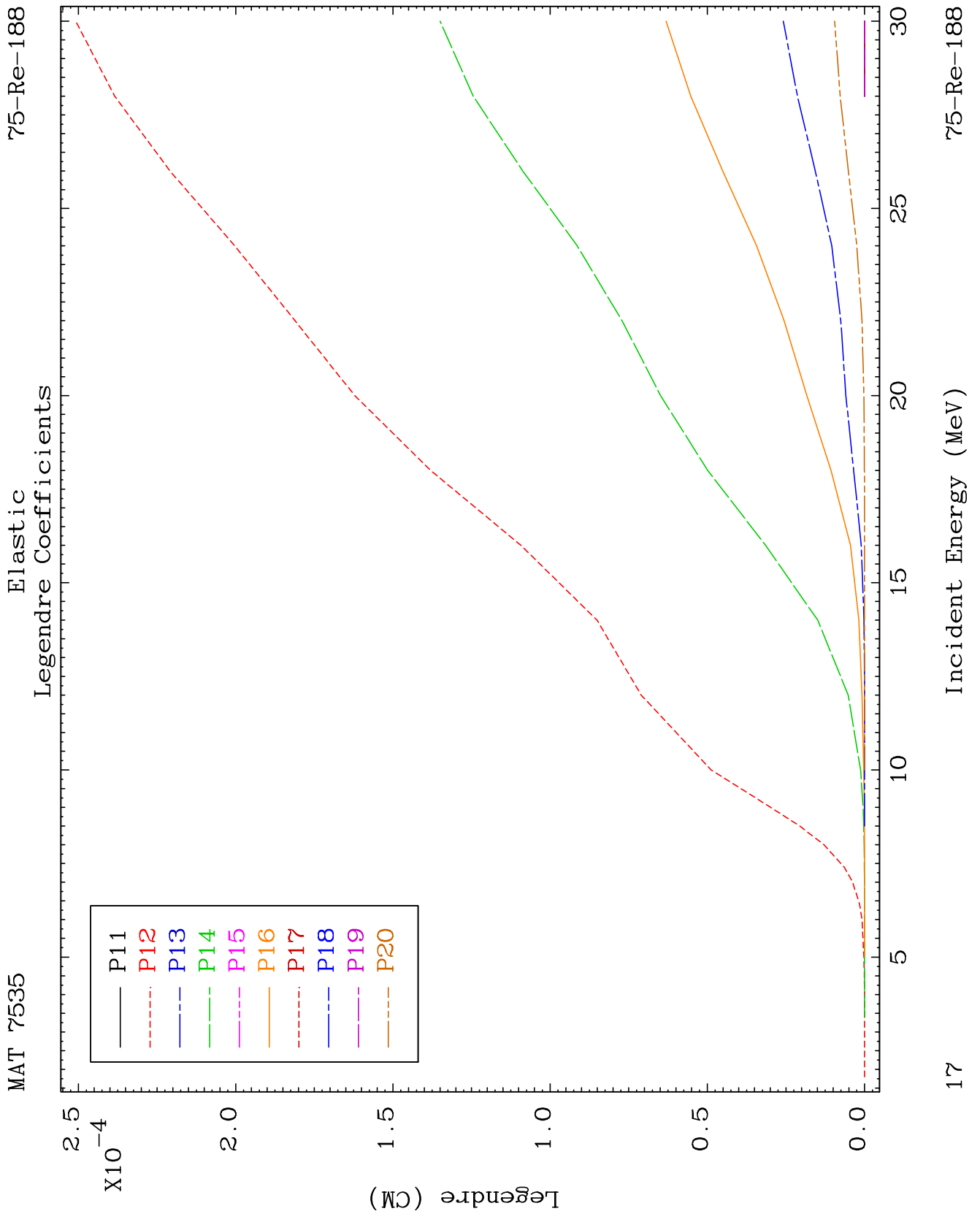
75-Re-188







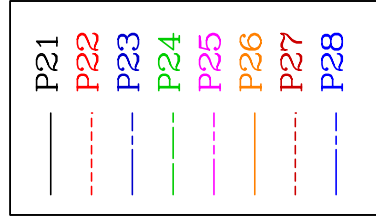




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Elastic Legendre Coefficients

75-Re-188



$\times 10^{-6}$   
1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

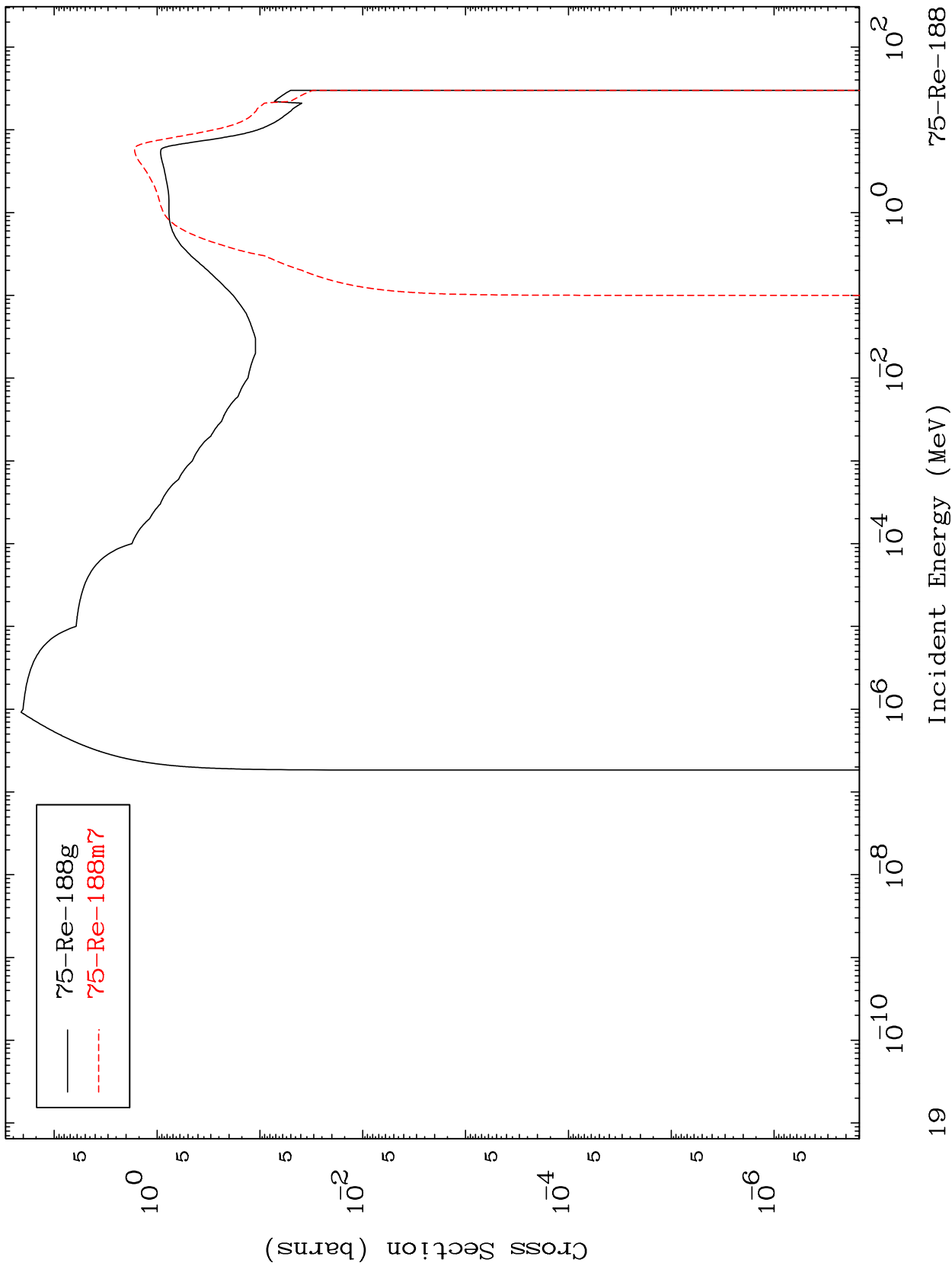
75-Re-188



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75-Re-188

Inelastic  
Radionuclide Production Cross Section

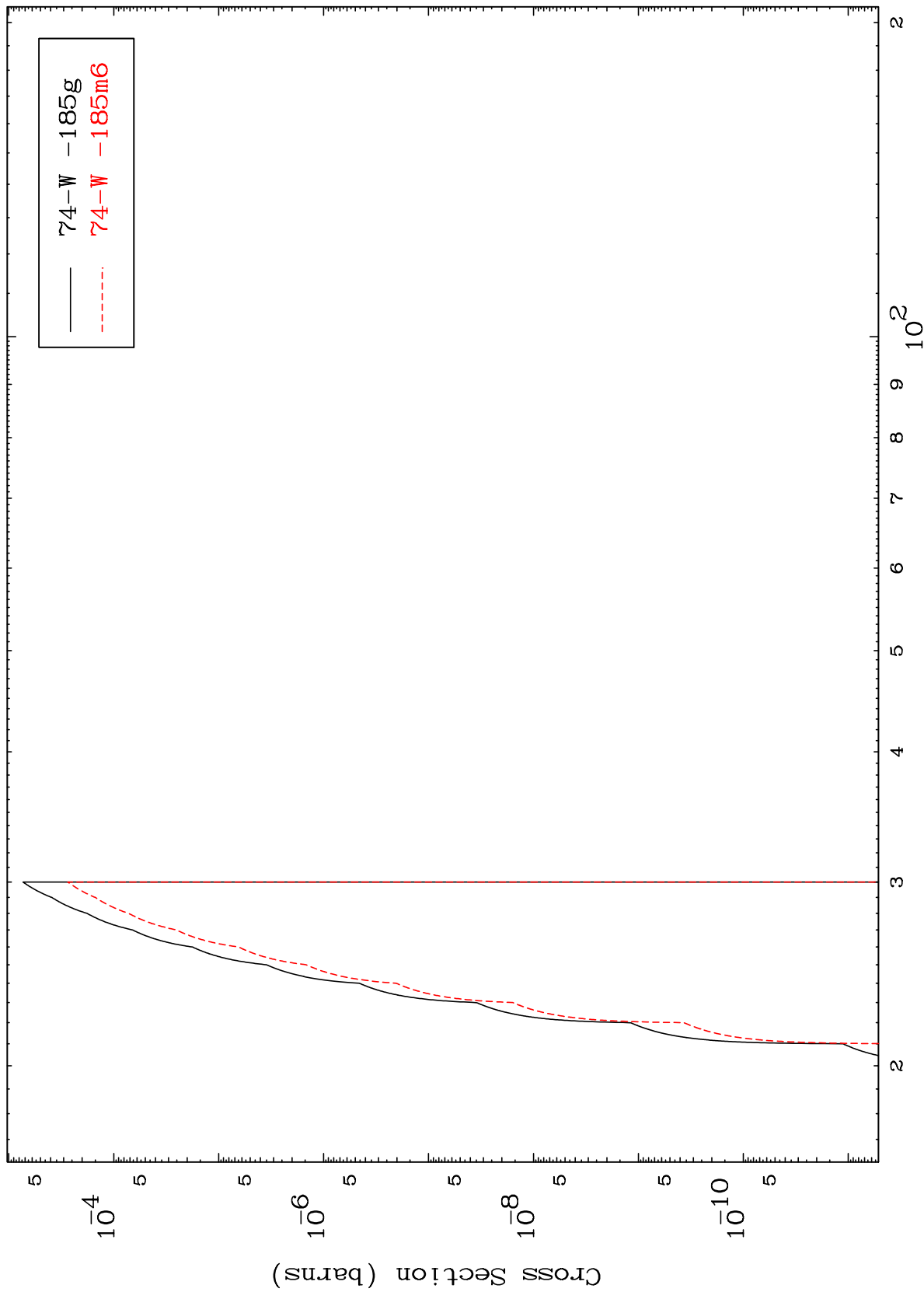


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75-Re-188

(n,2n) d

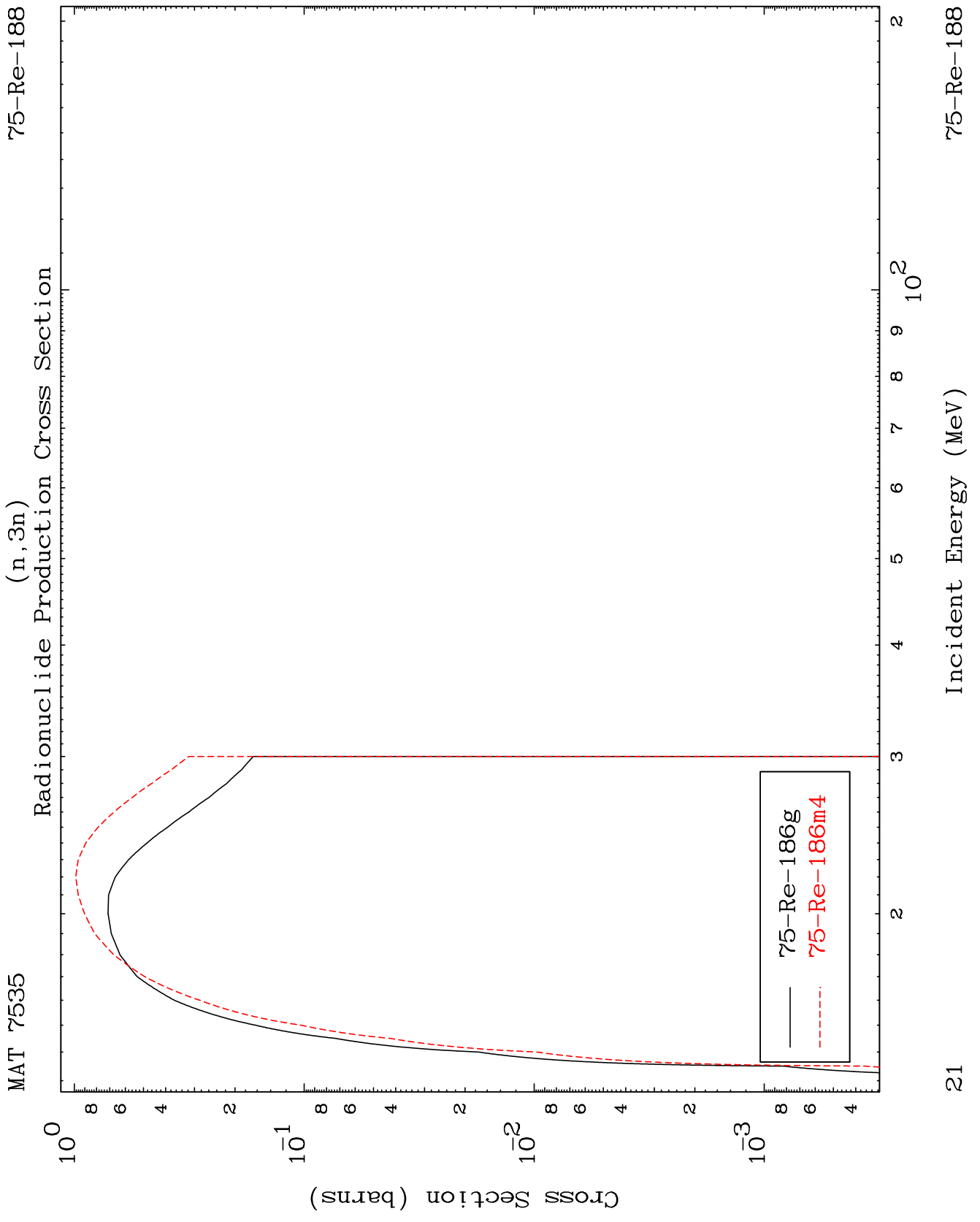
Radionuclide Production Cross Section



20

Incident Energy (MeV)

75-Re-188

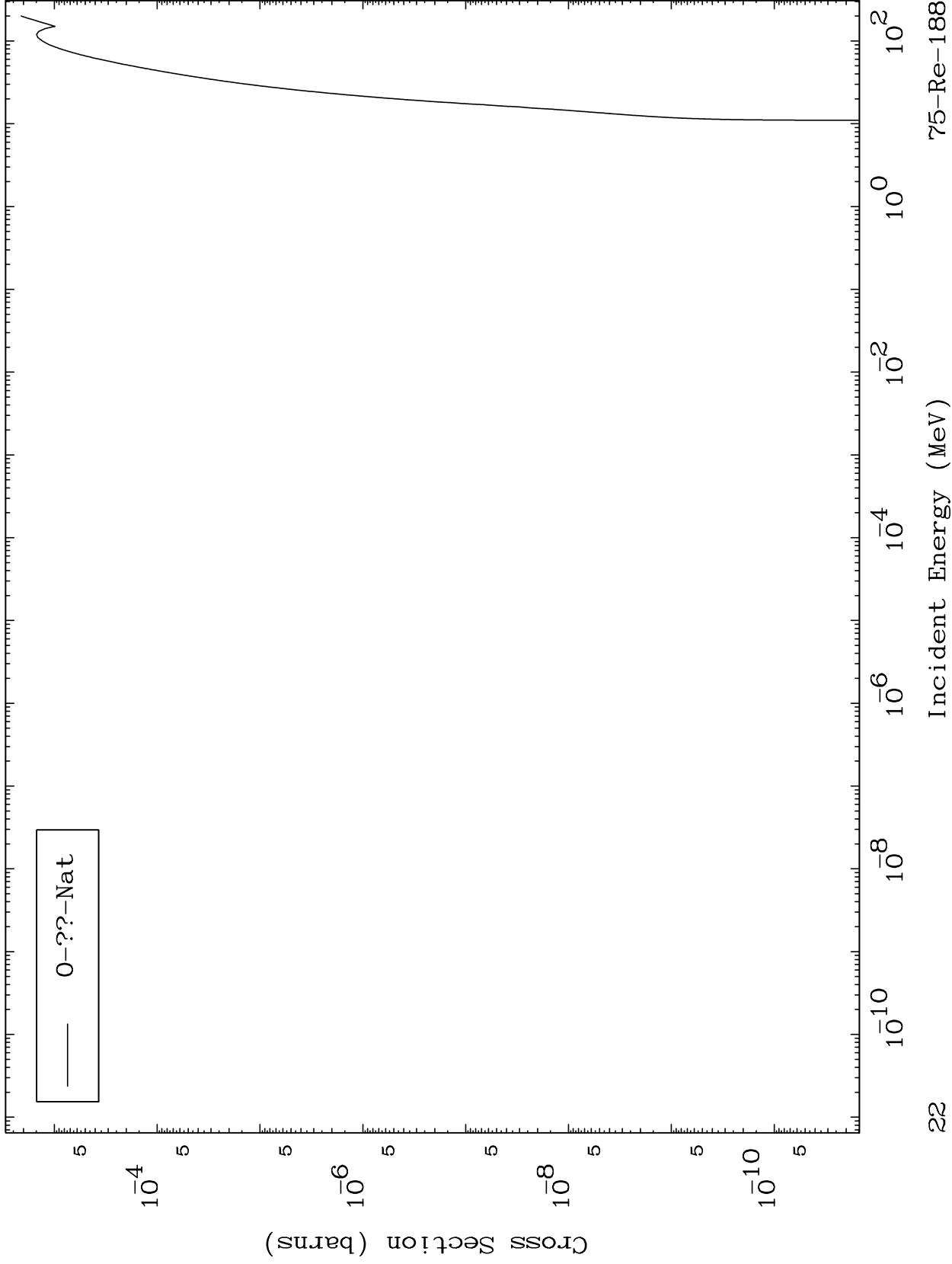


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Fission

<sup>75</sup>Re-188

Radionuclide Production Cross Section

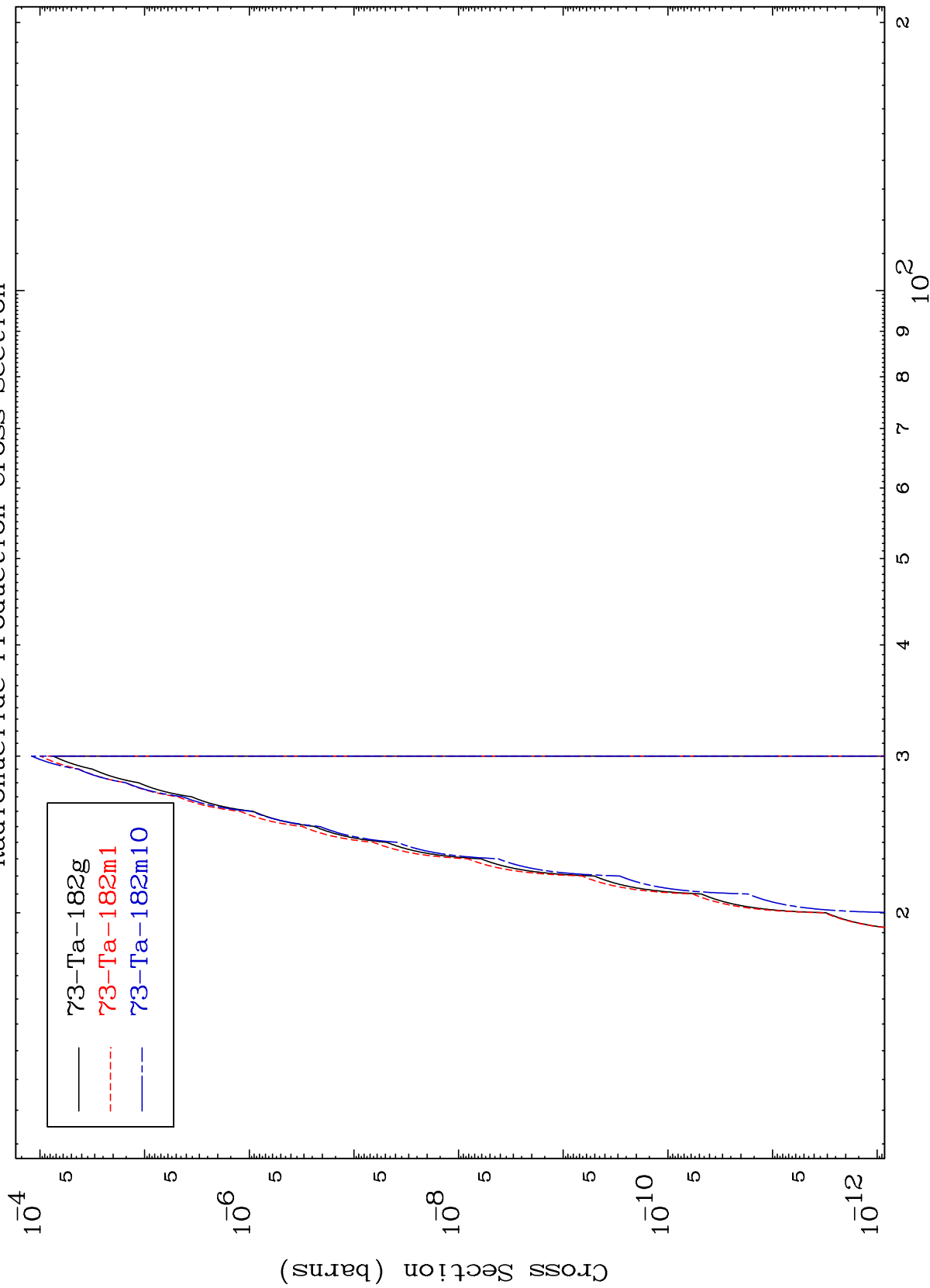


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(n,3n)  $\alpha$

75-Re-188

Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-188

23

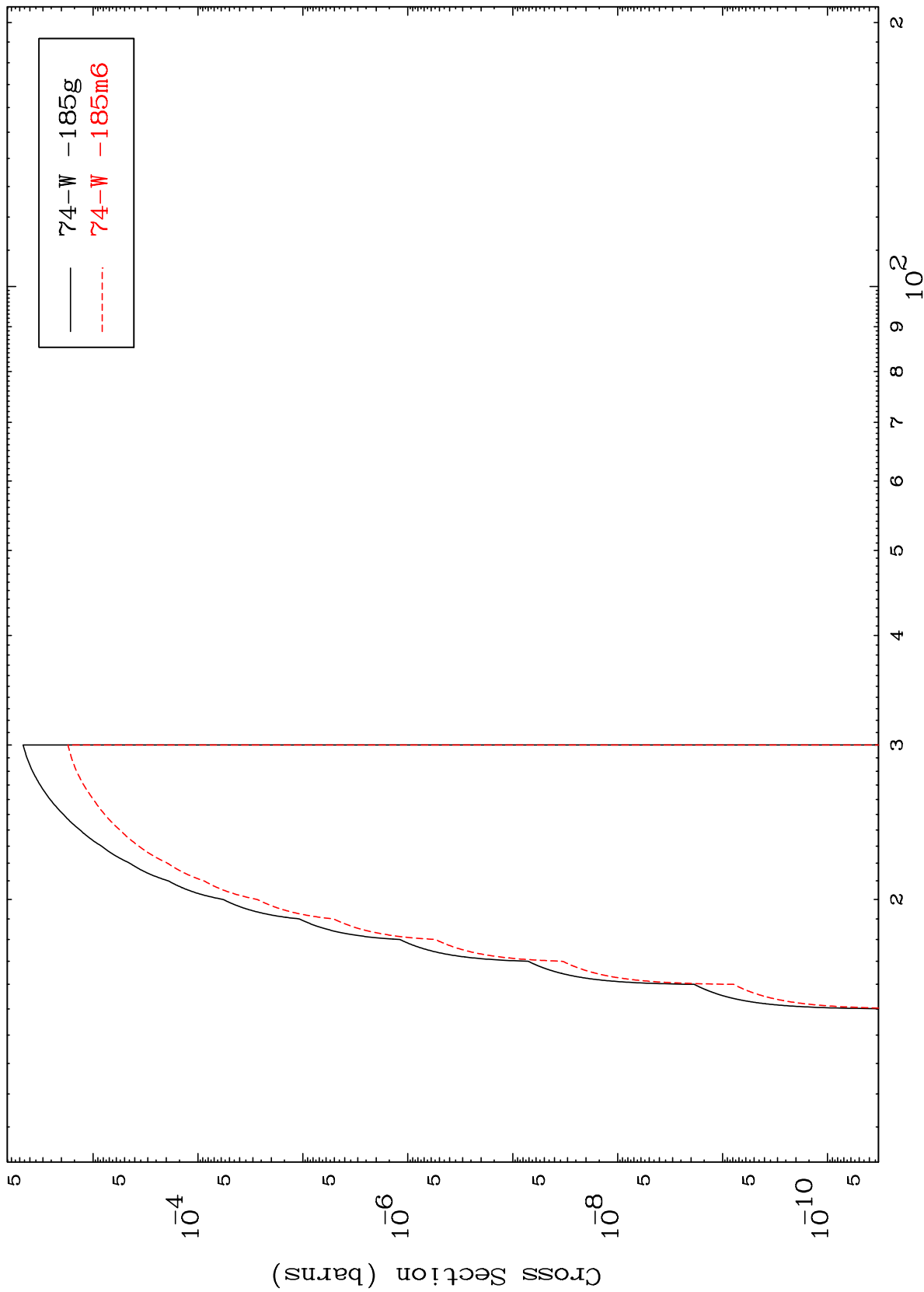


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(n,n') t

75-Re-188

Radionuclide Production Cross Section



24

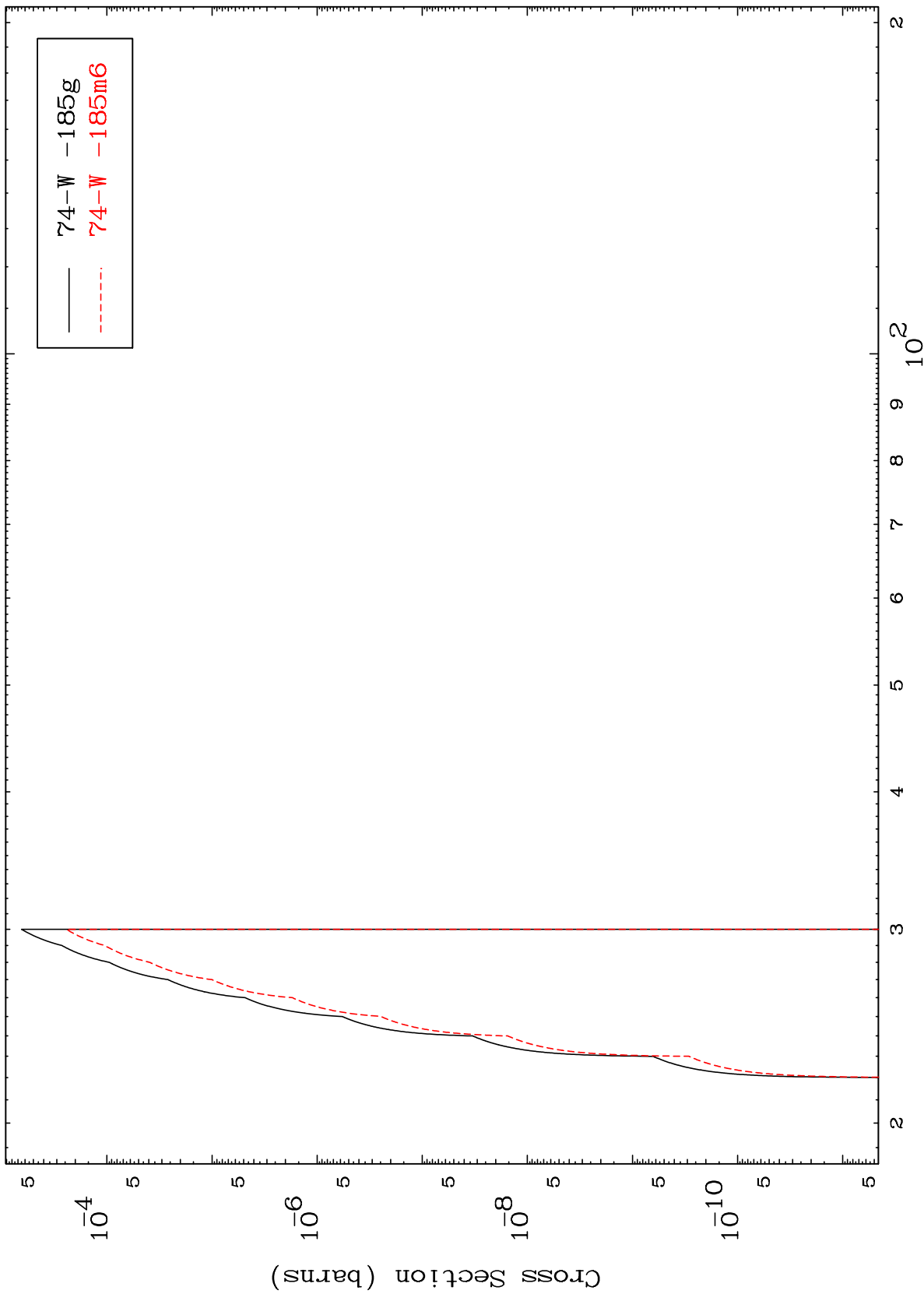
Incident Energy (MeV)

75-Re-188

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75-Re-188

(n,3n) p  
Radionuclide Production Cross Section



75-Re-188

Incident Energy (MeV)

25

MAT 7535

(n,p)  $\alpha$

<sup>75</sup>Re-188

Radionuclide Production Cross Section

