

Program EVALPLOT  
(Version 2021-1)

by

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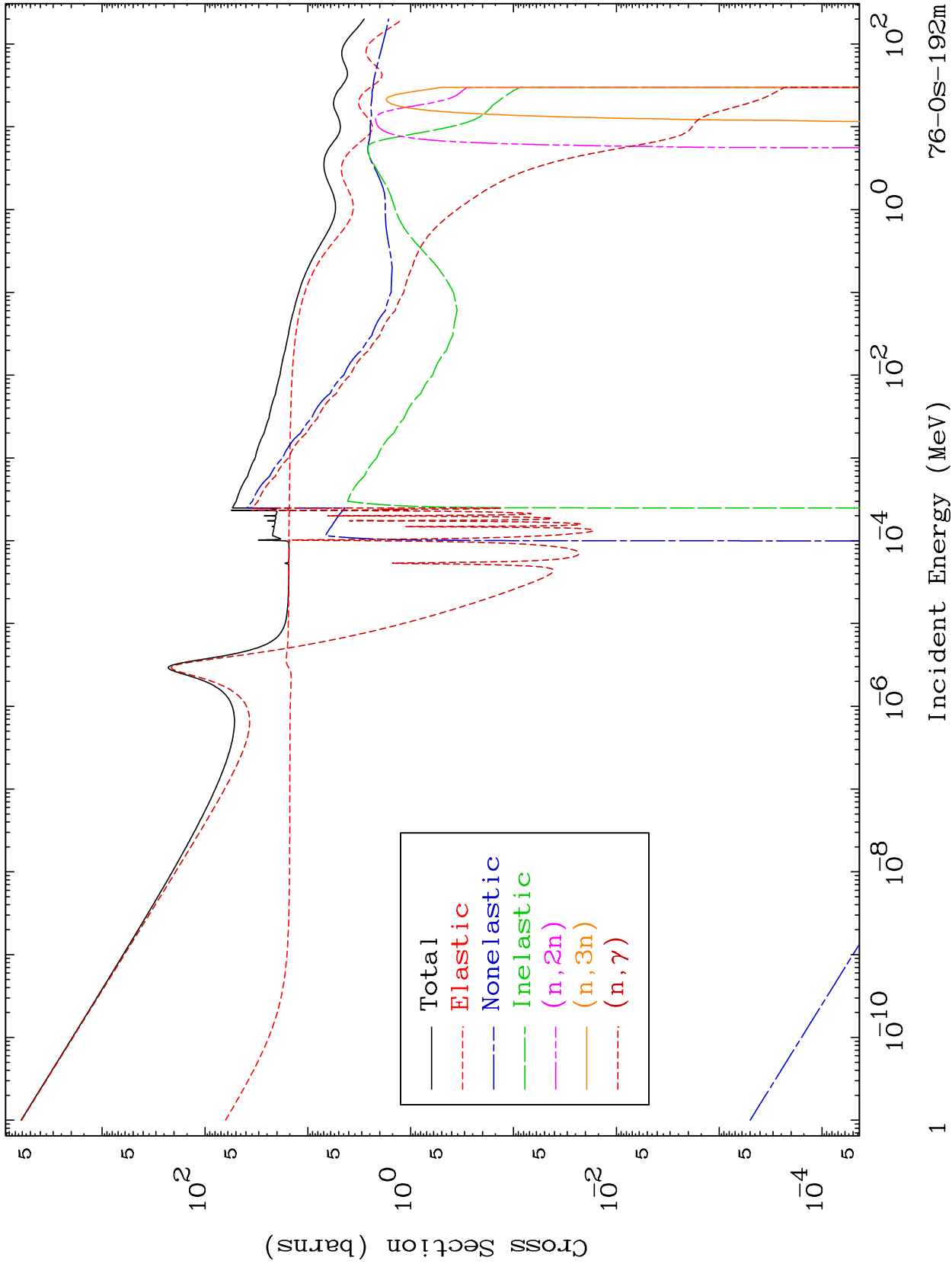
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7650

Neutron Major  
293 Kelvin Cross Sections

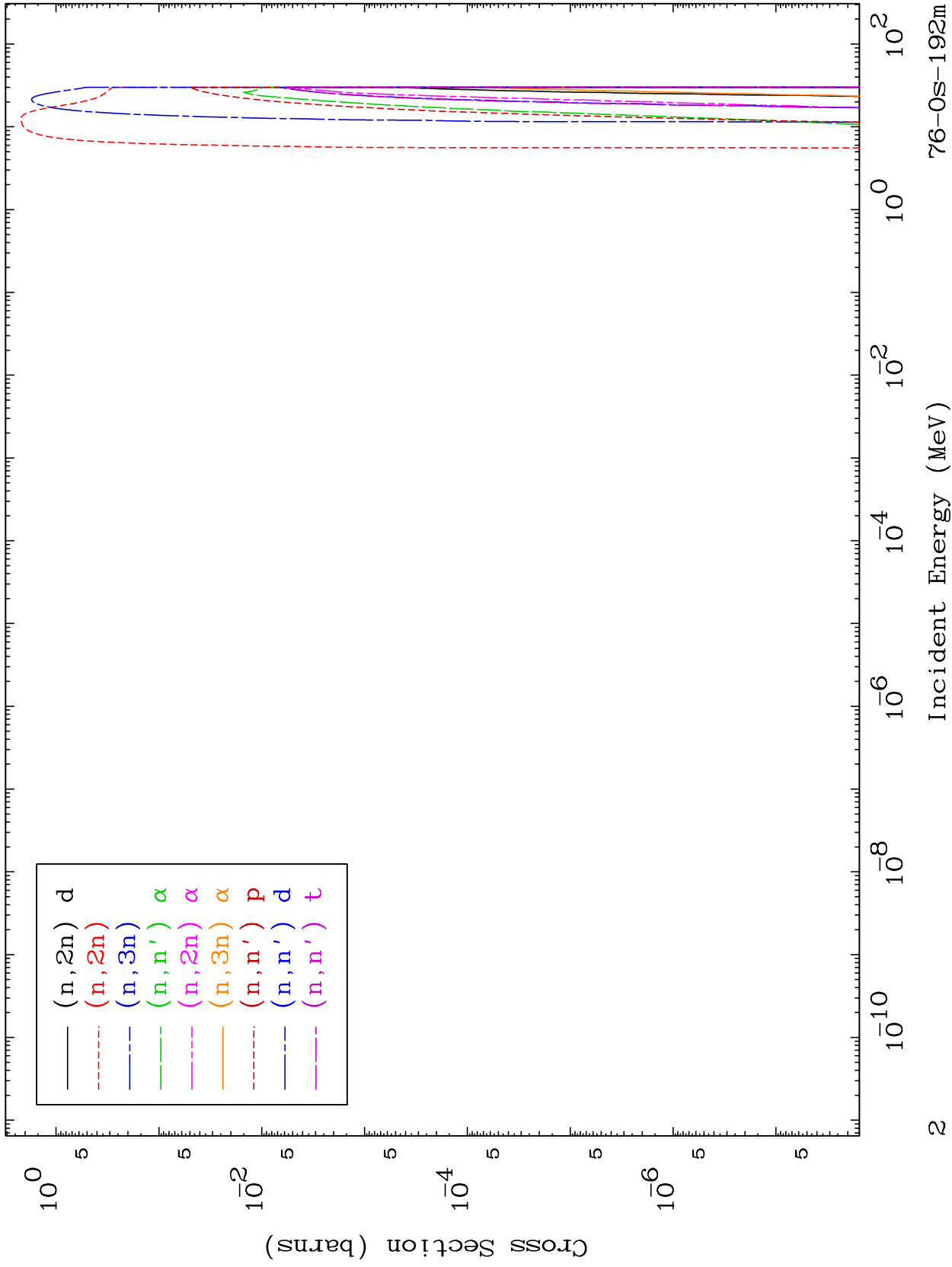
76-0s-192m



MAT 7650

Neutron Absorption  
293 Kelvin Cross Sections

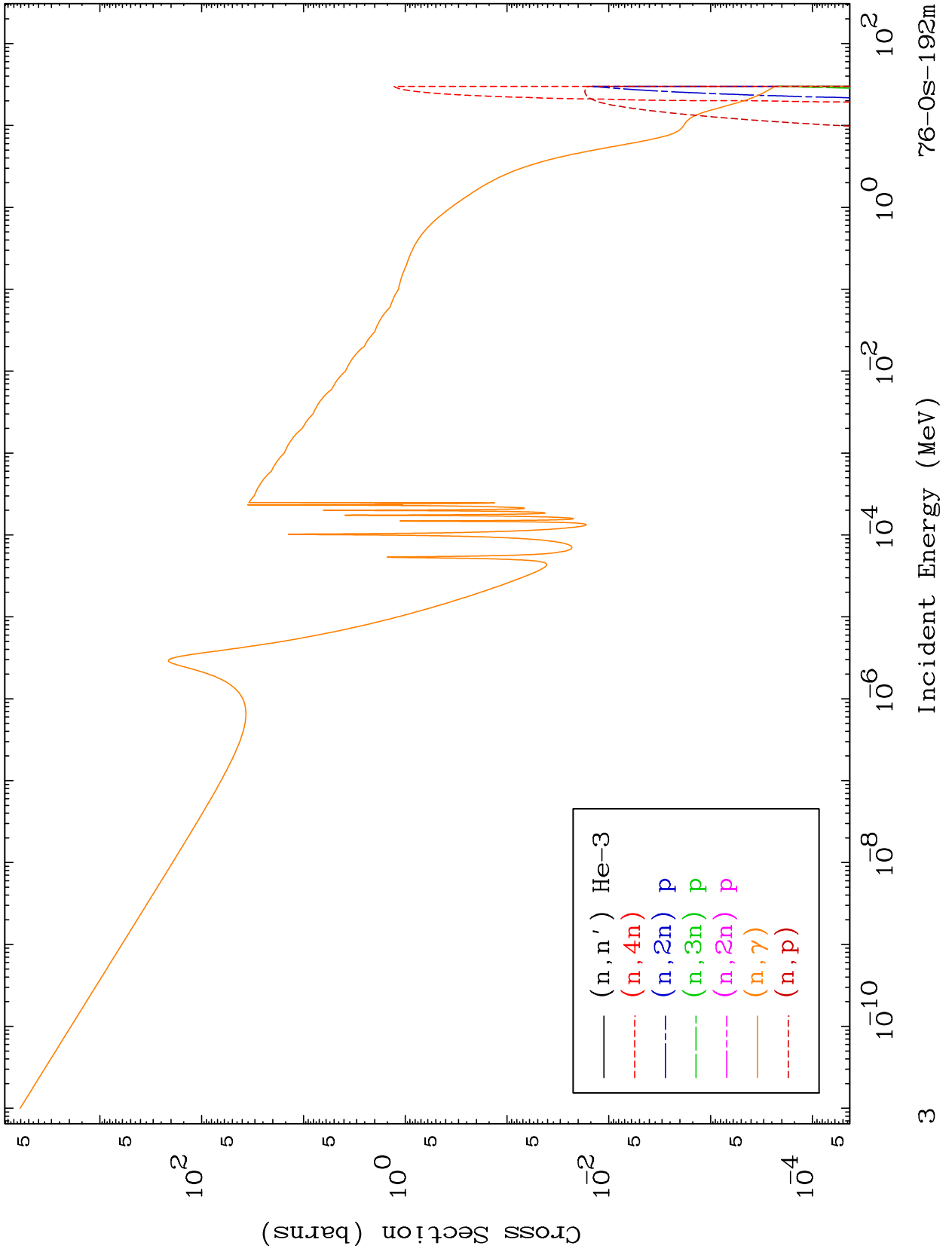
76-0s-192m

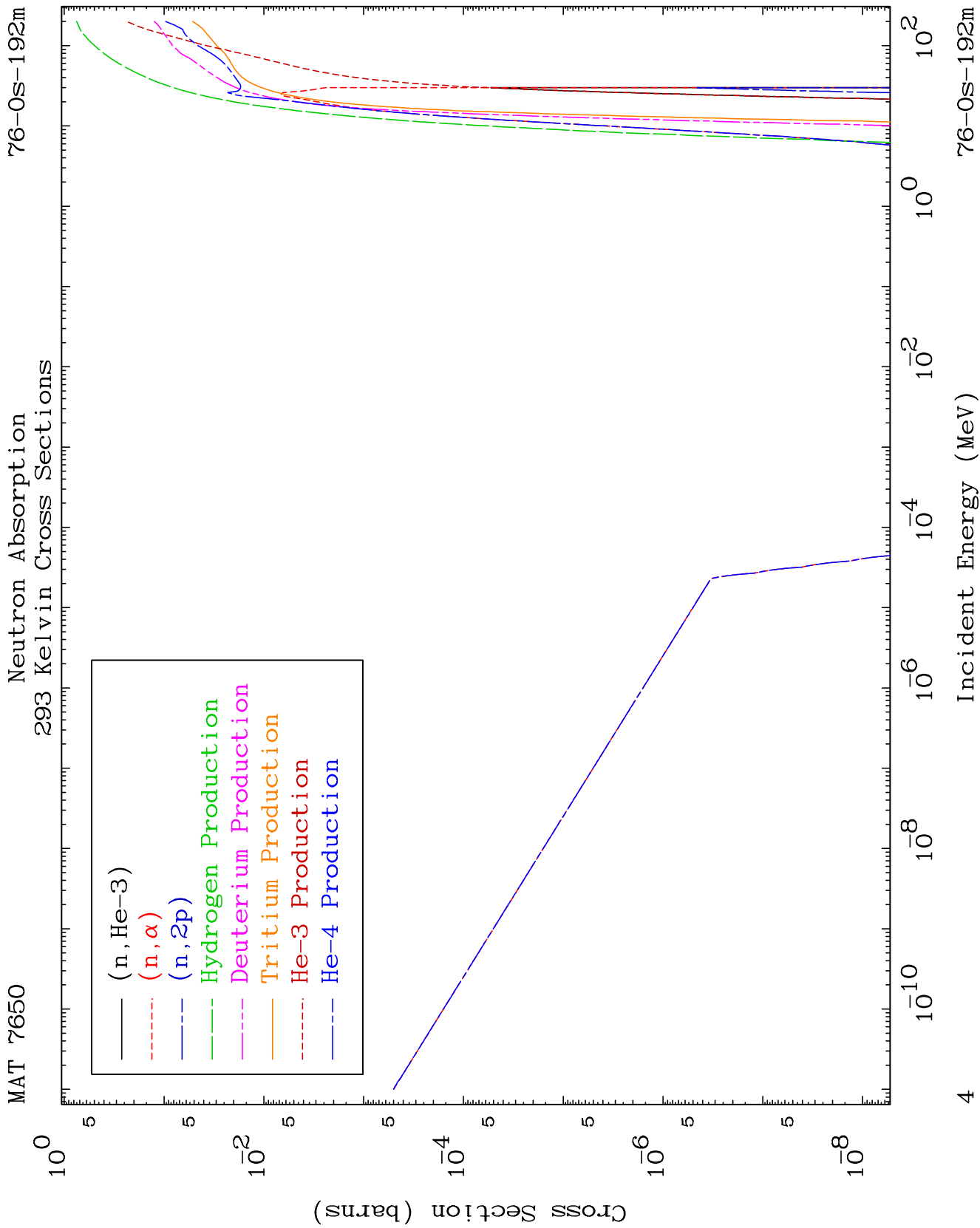


MAT 7650

Neutron Absorption  
293 Kelvin Cross Sections

76-0s-192m

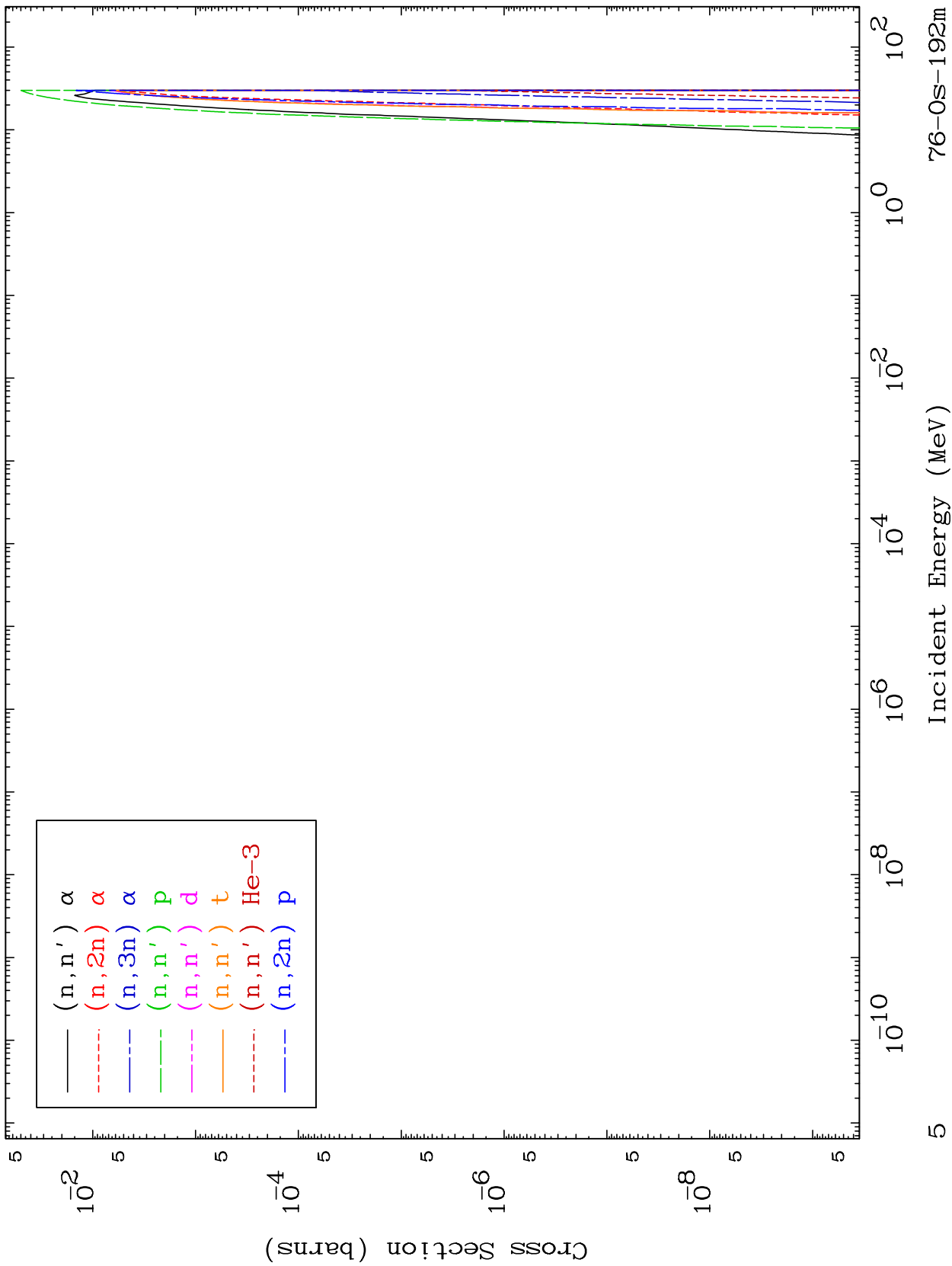




MAT 7650

Charged Particle  
293 Kelvin Cross Sections

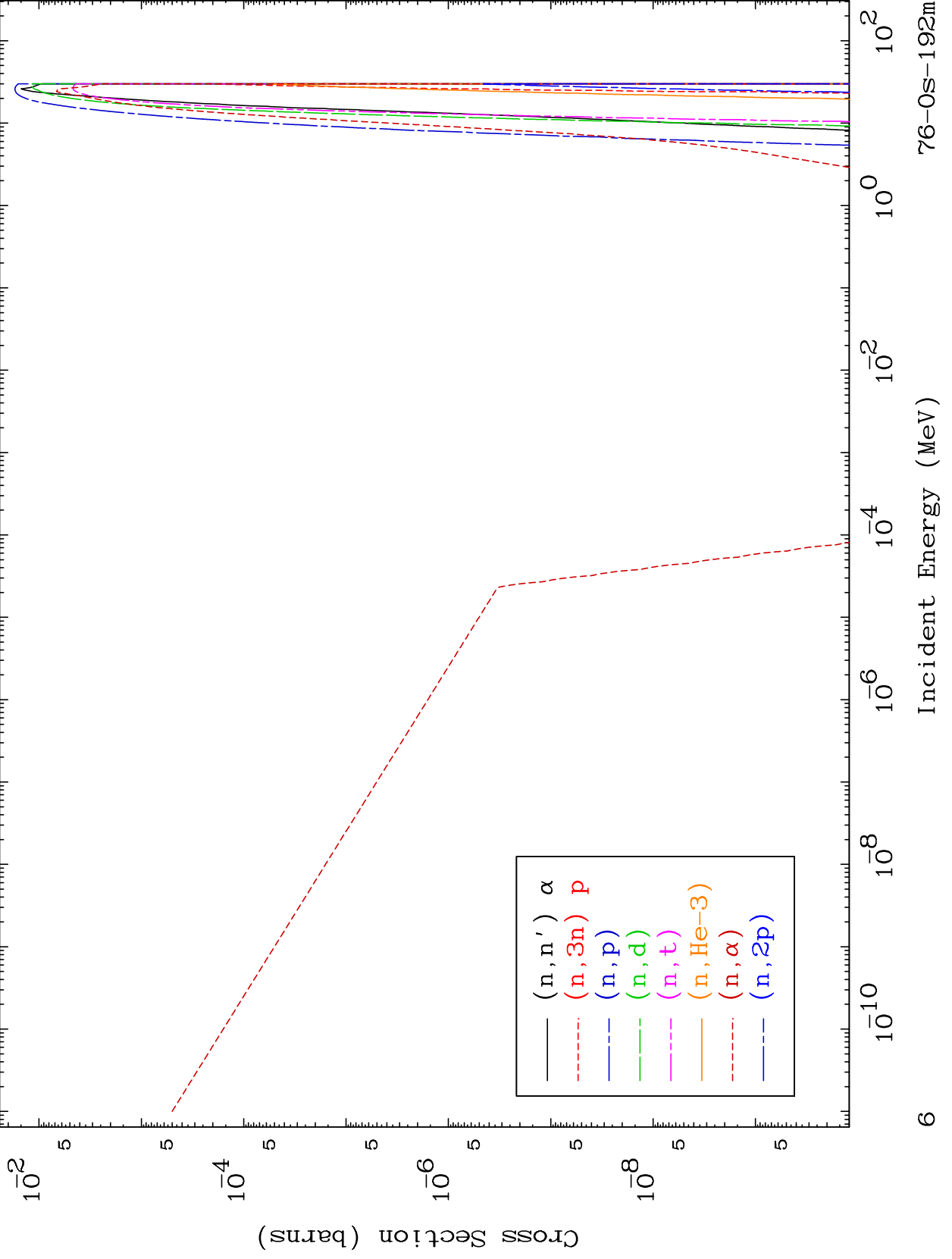
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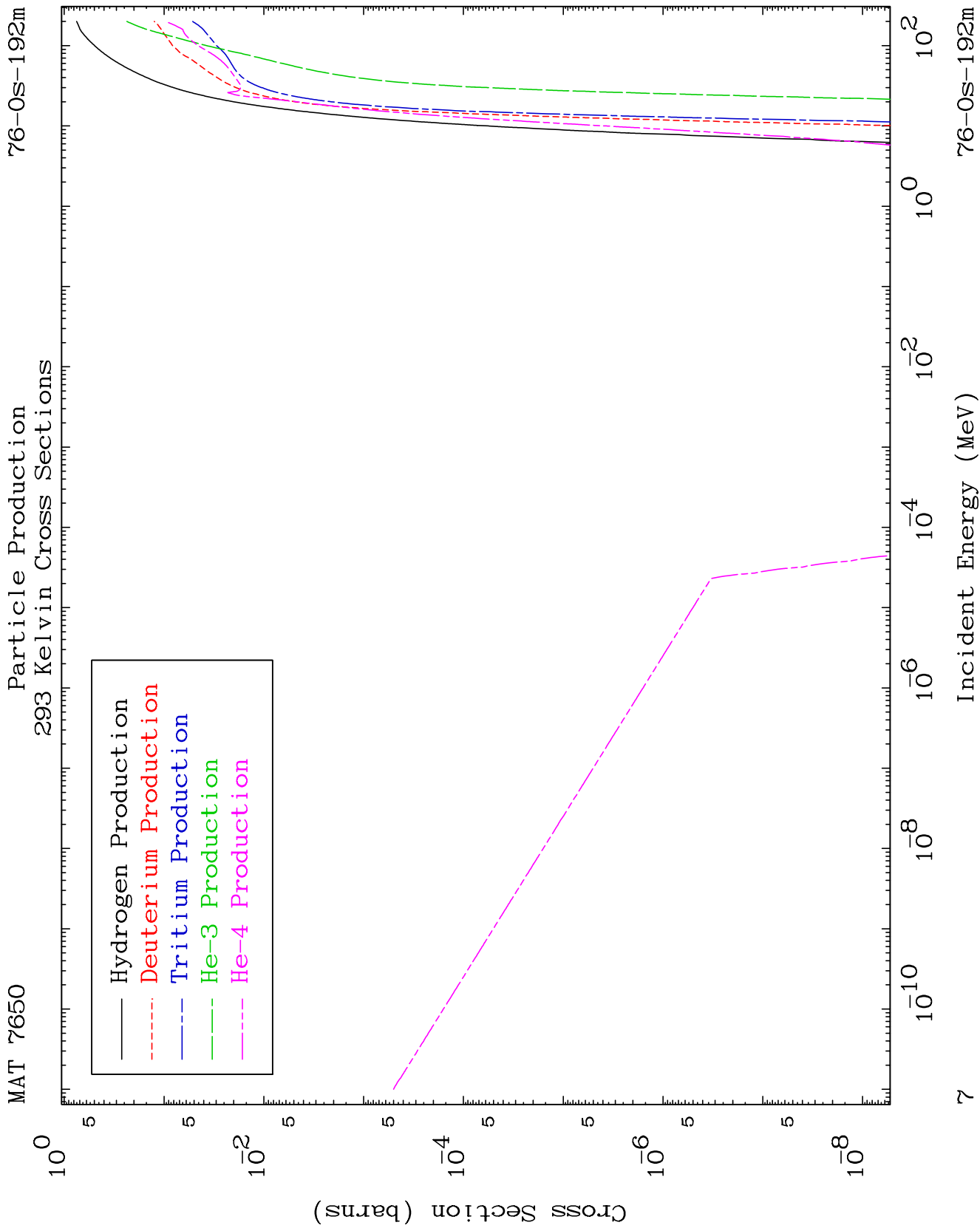


MAT 7650

Charged Particle  
293 Kelvin Cross Sections

76-0s-192m

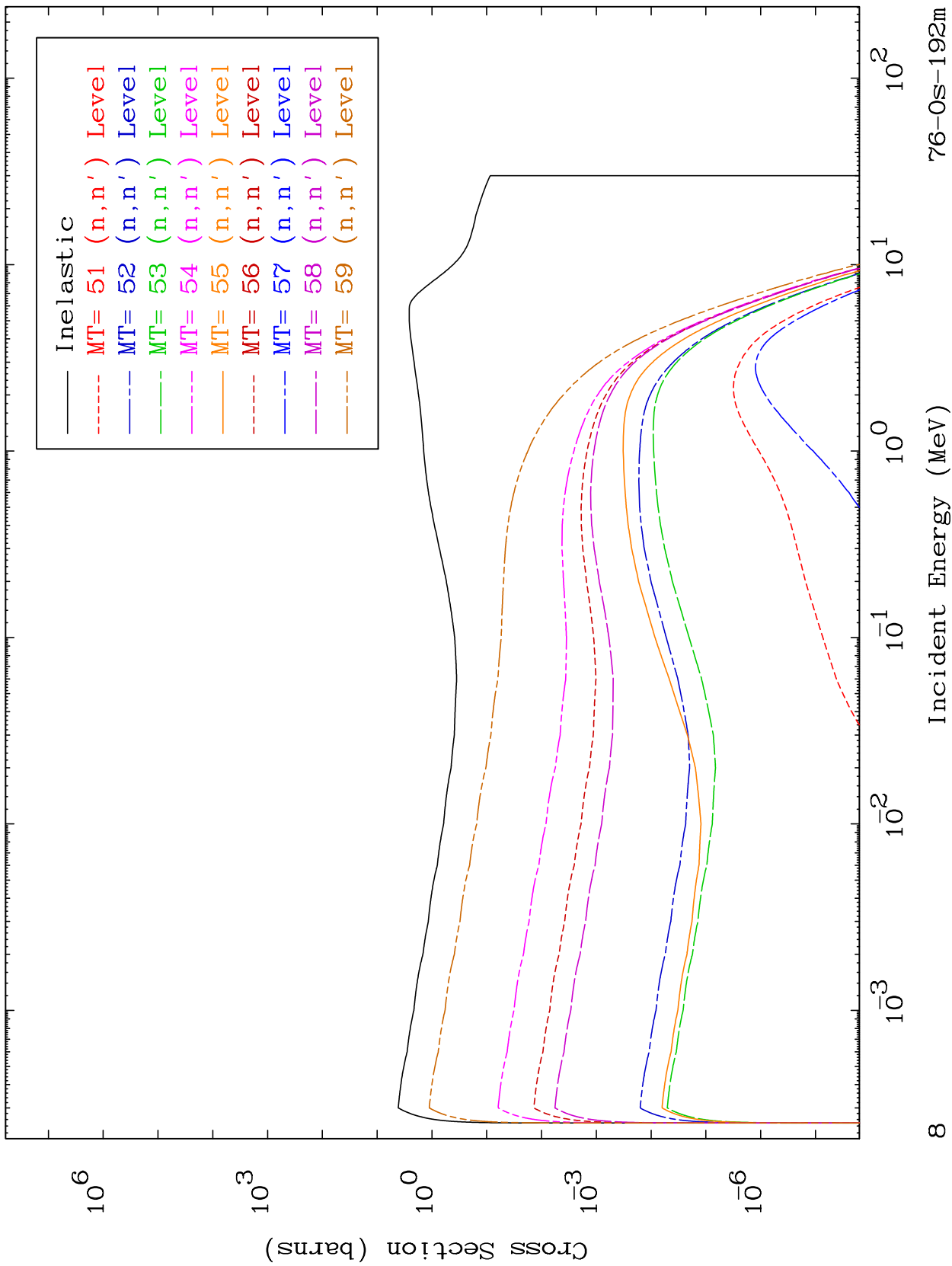




MAT 7650

(n,n') Levels  
293 Kelvin Cross Sections

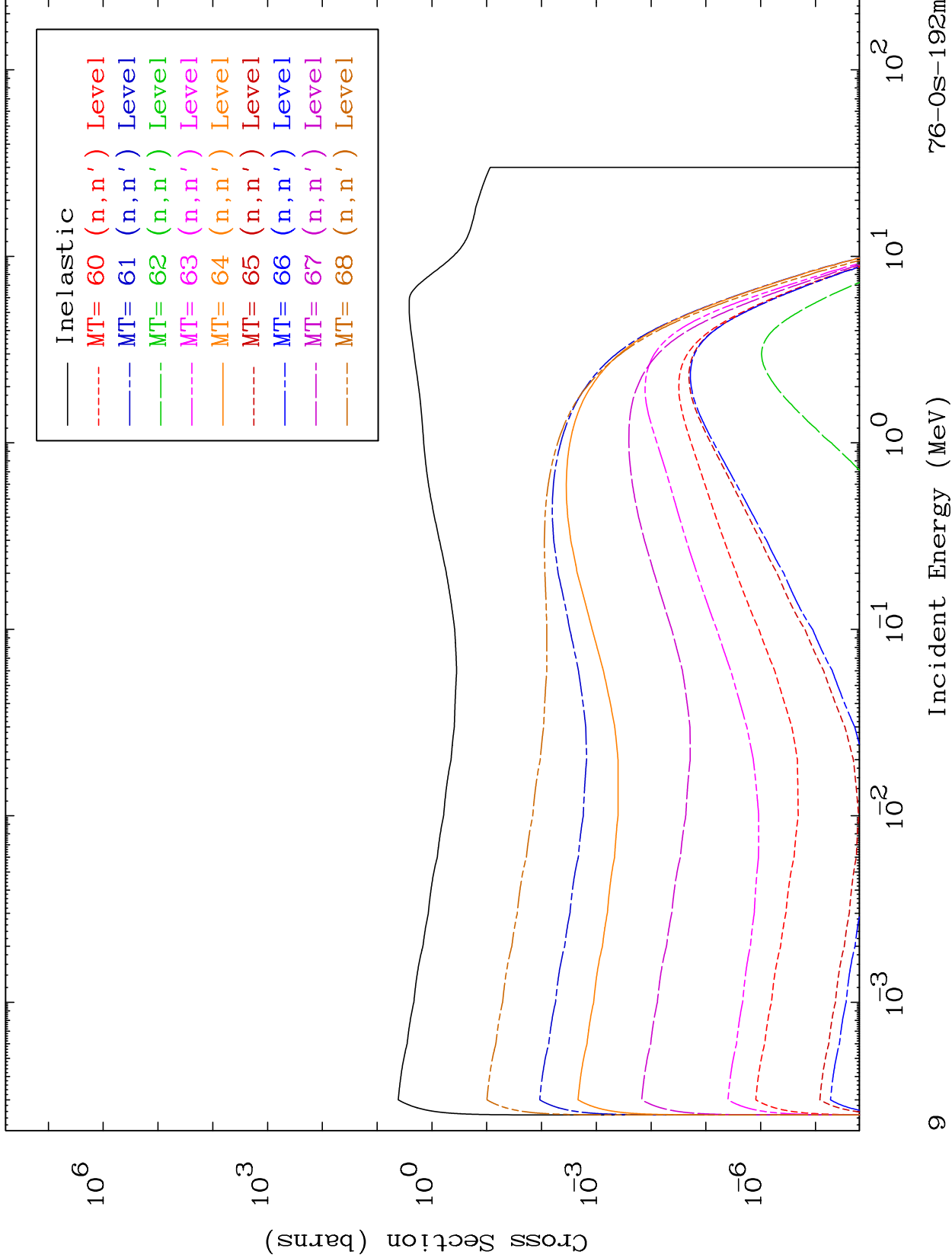
76-0s-192m



MAT 7650

(n,n') Levels  
293 Kelvin Cross Sections

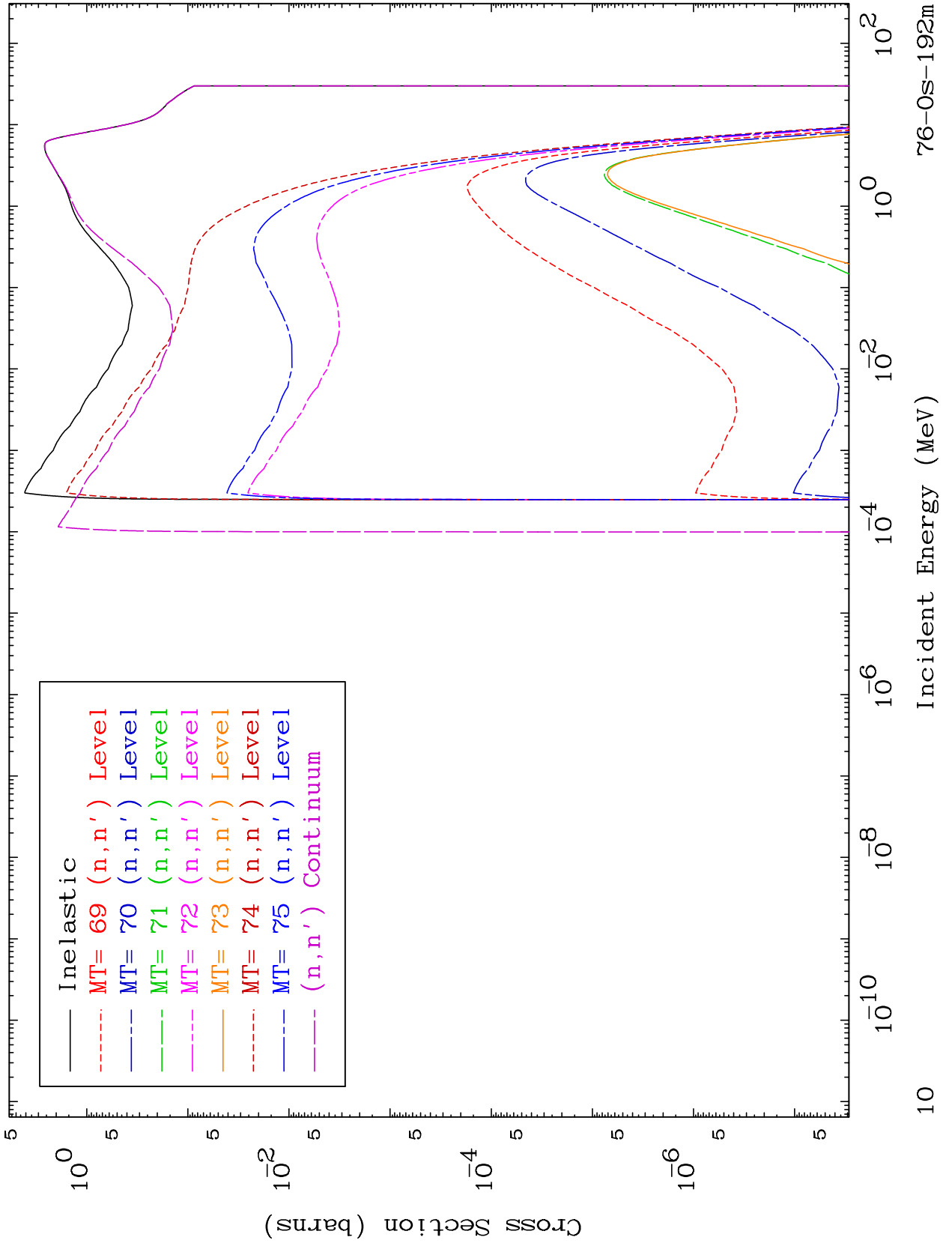
76-0s-192m



MAT 7650

293 Kelvin Cross Sections  
(n,n') Levels

76-0s-192m

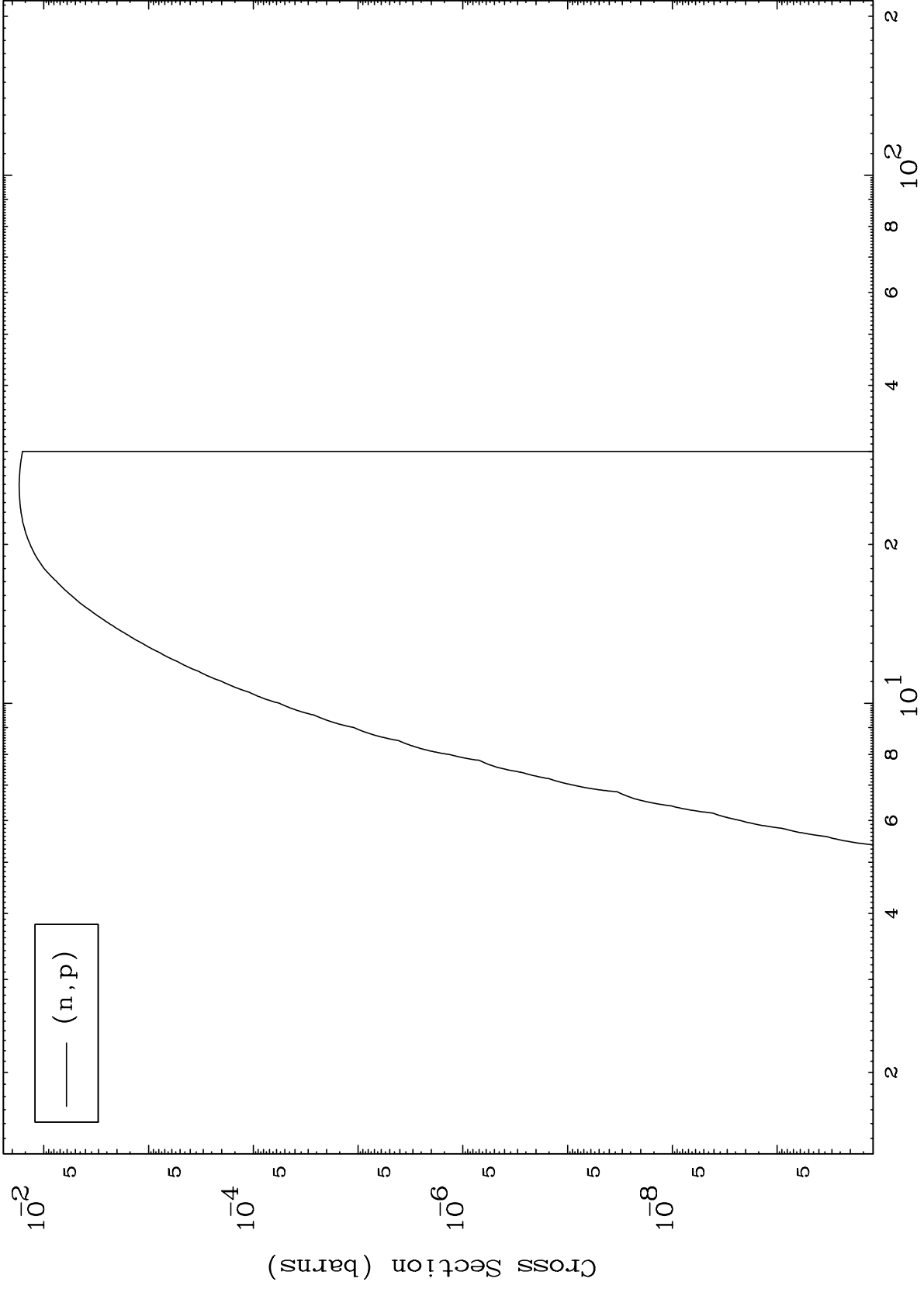


10

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(n,p) Levels  
293 Kelvin Cross Sections

76-0s-192m

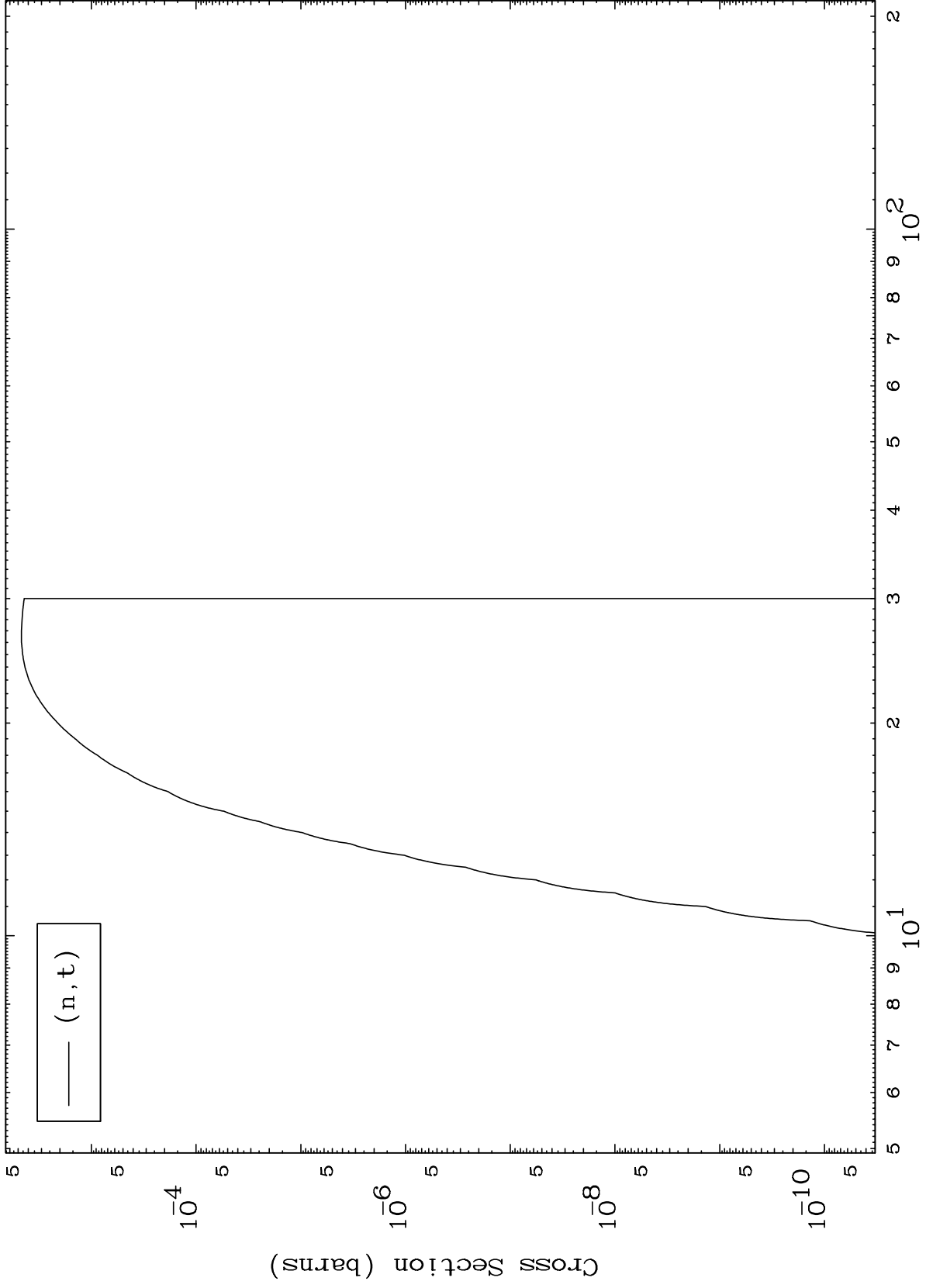




MAT 7650

(n,t) Levels  
293 Kelvin Cross Sections

76-0s-192m



13

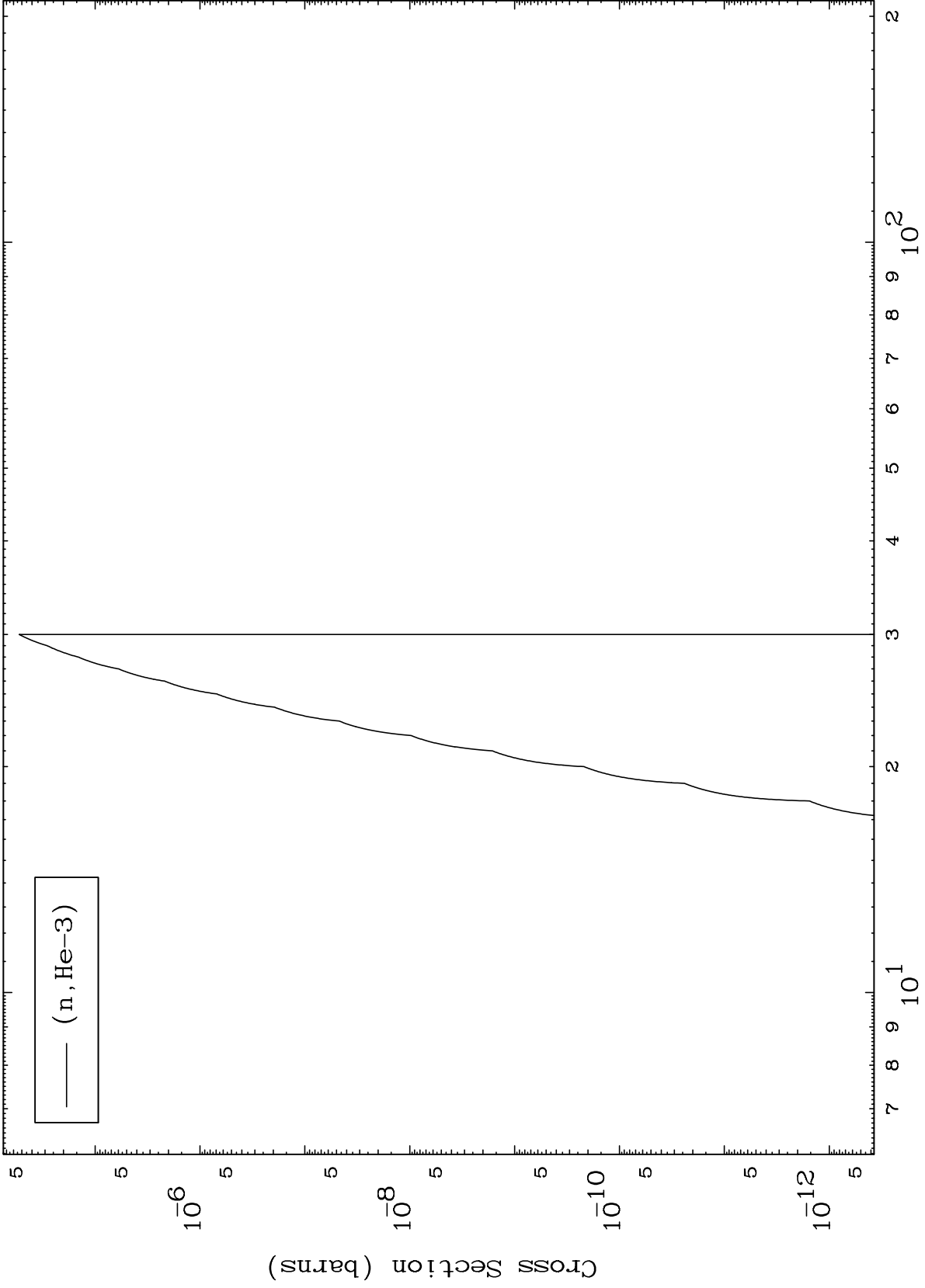
Incident Energy (MeV)

76-0s-192m

MAT 7650

(n,He3) Levels  
293 Kelvin Cross Sections

76-0s-192m



14

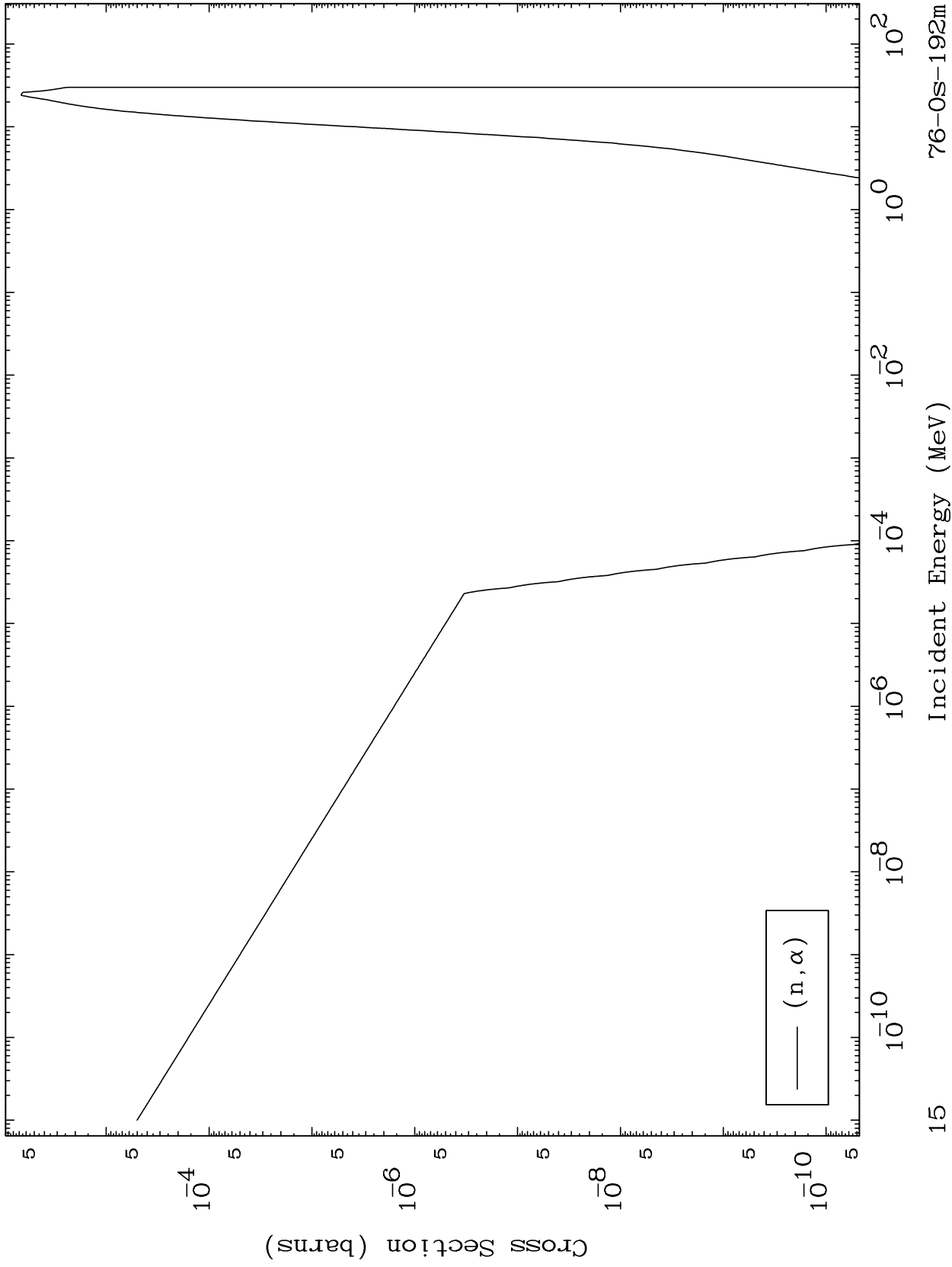
Incident Energy (MeV)

76-0s-192m

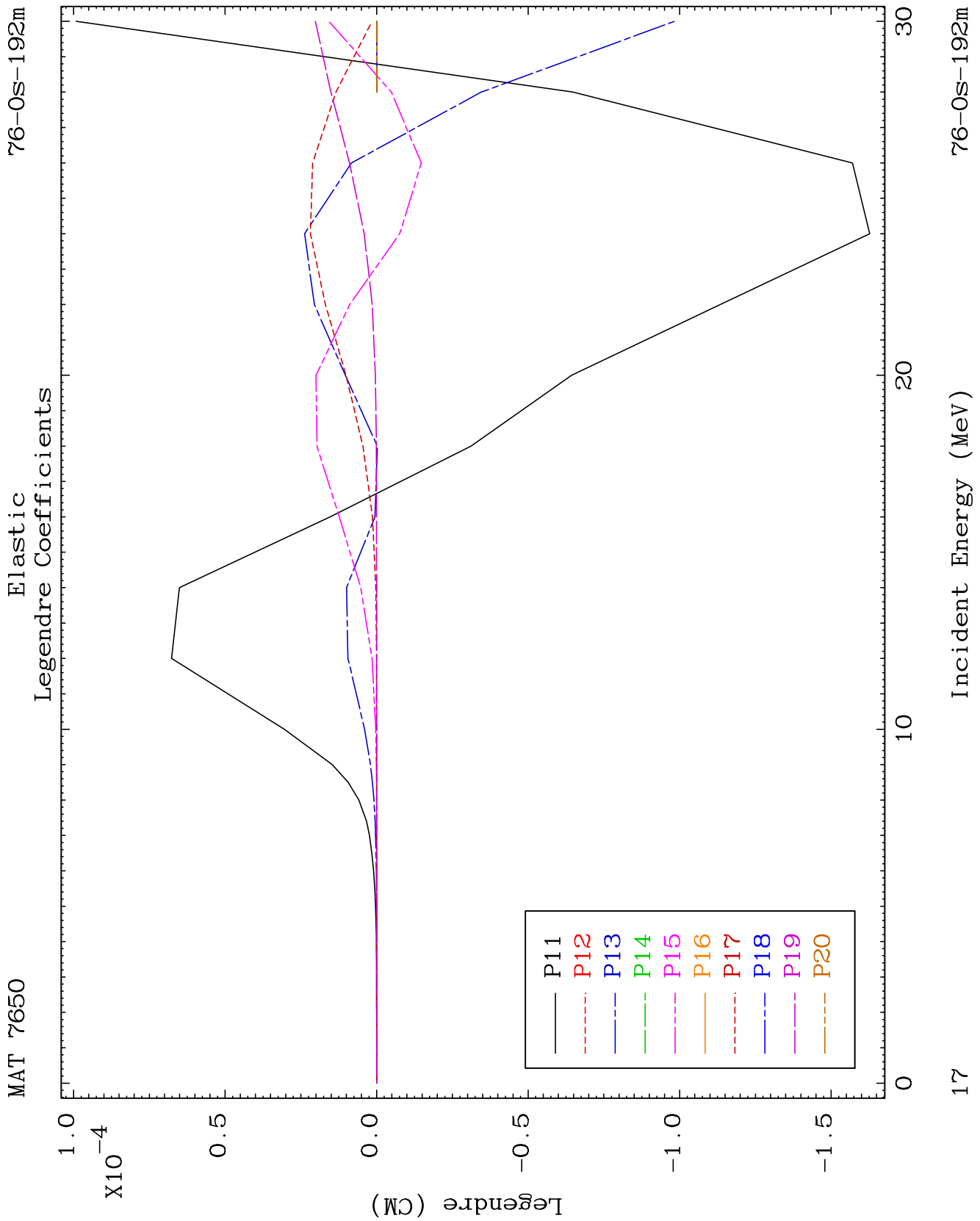
MAT 7650

(n,α) Levels  
293 Kelvin Cross Sections

76-0s-192m



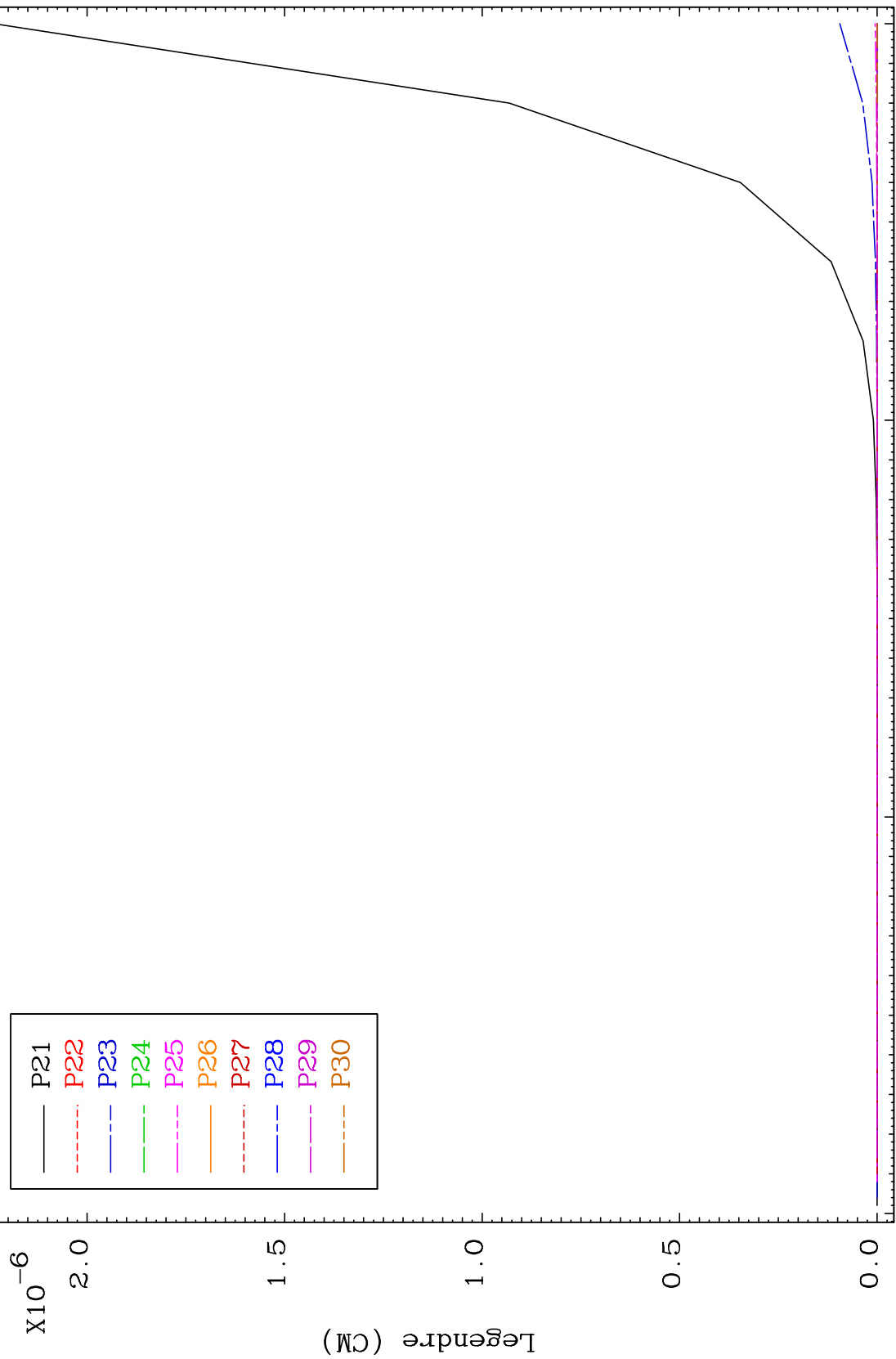
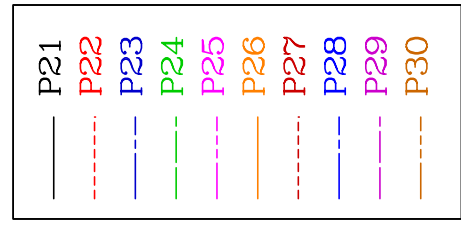




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Elastic Legendre Coefficients

76-0s-192m



18

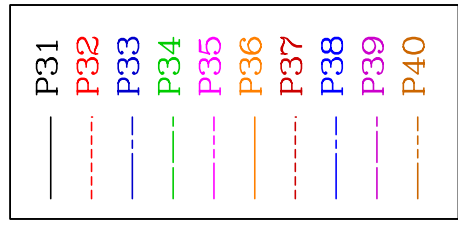
Incident Energy (MeV)

76-0s-192m

MAT 7650

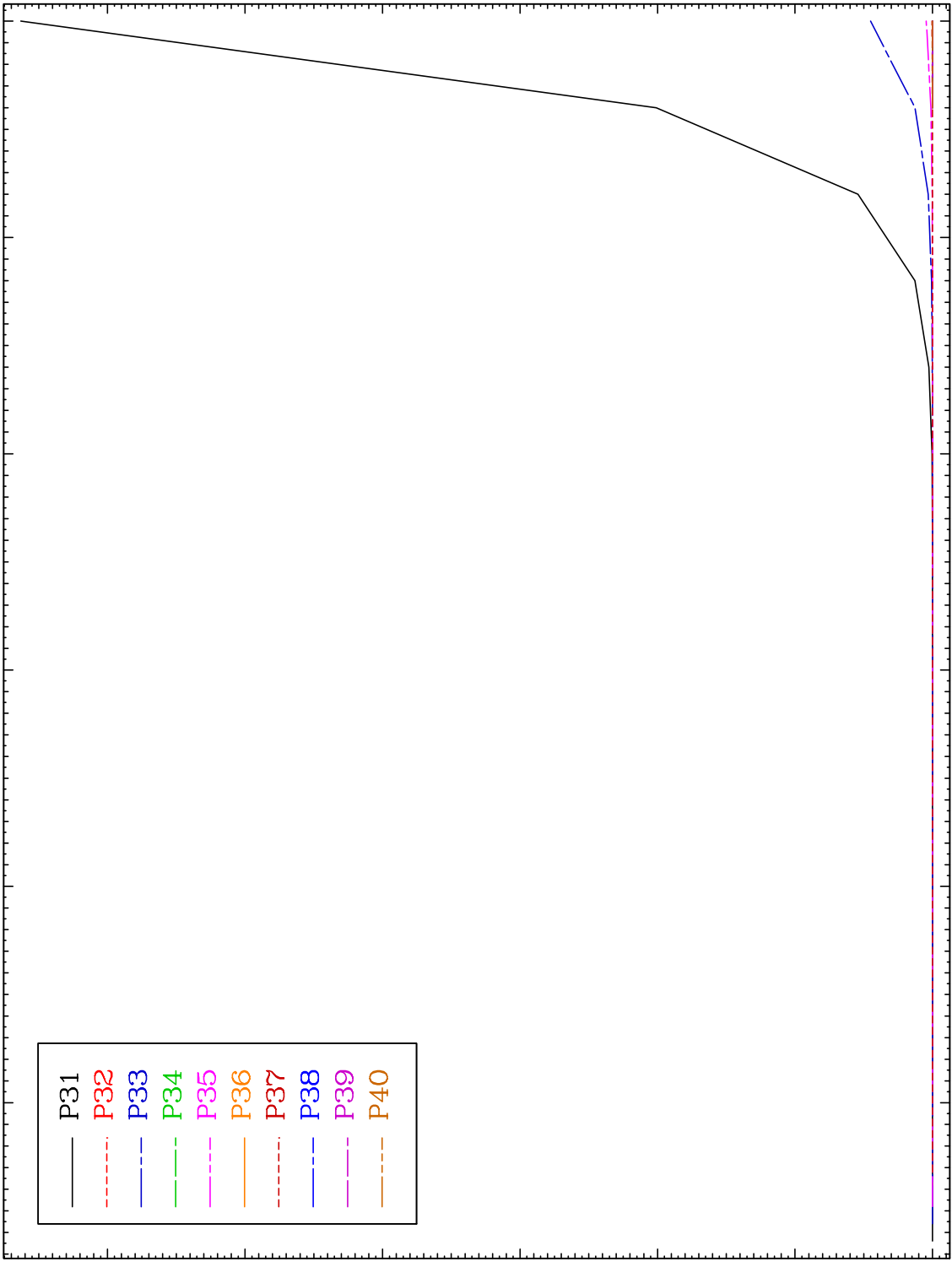
Elastic  
Legendre Coefficients

76-0s-192m



$\times 10^{-12}$   
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

Legendre (CM)



5 10 15 20 25 30

19

Incident Energy (MeV)

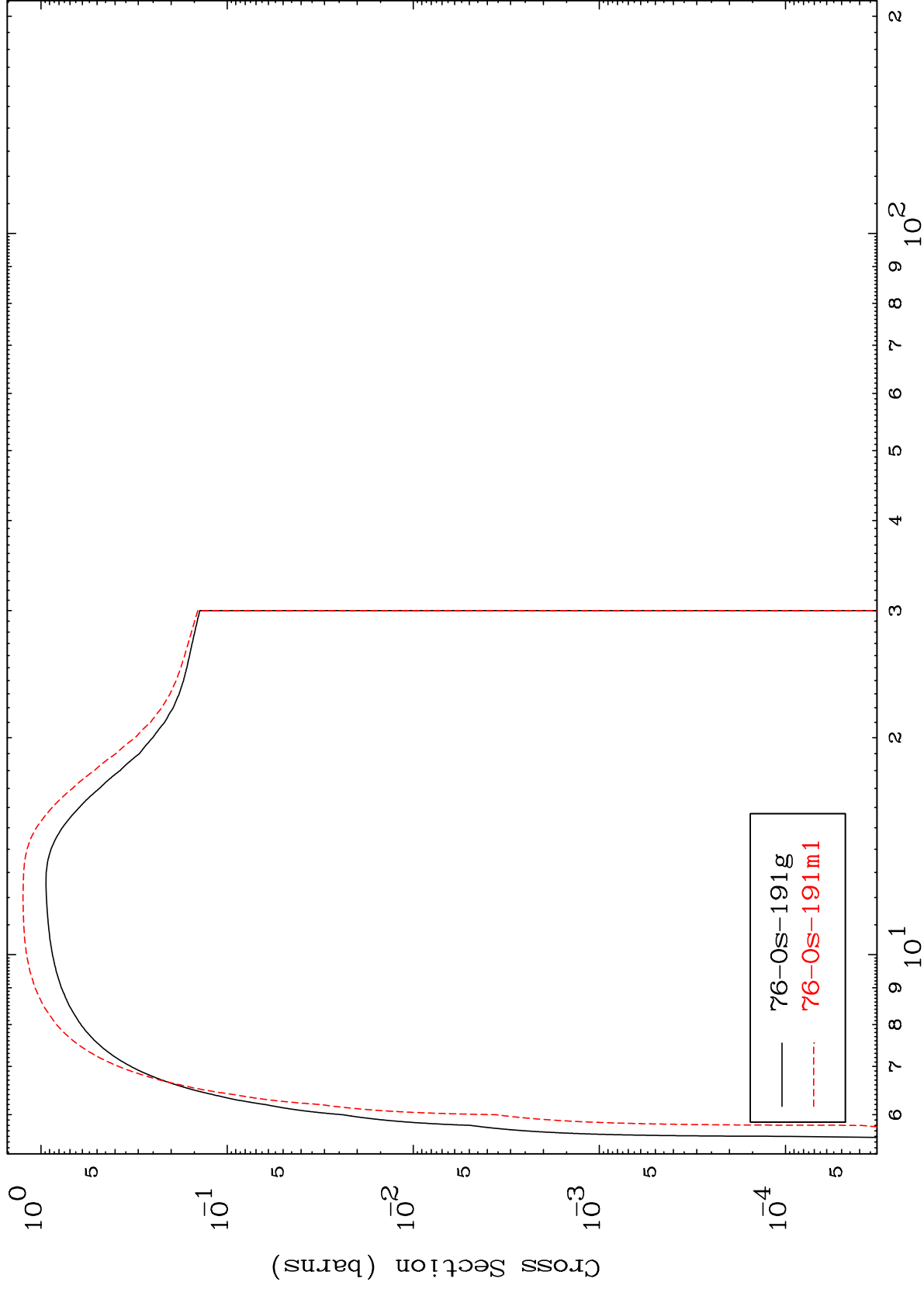
76-0s-192m

MAT 7650

(n,2n)

76-0s-192m

Radionuclide Production Cross Section



Incident Energy (MeV)

76-0s-192m

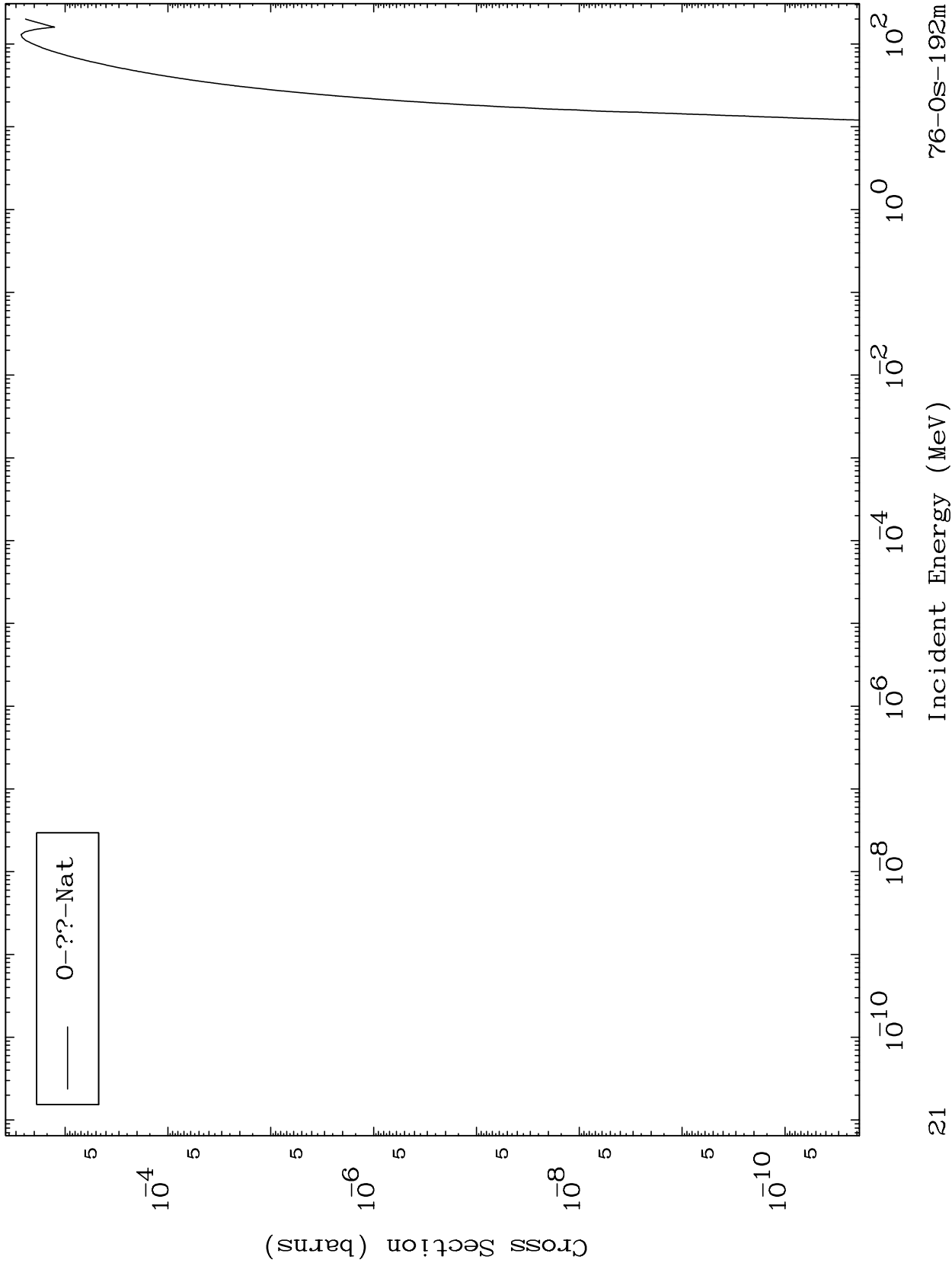
20

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Fission

76-0s-192m

Radionuclide Production Cross Section

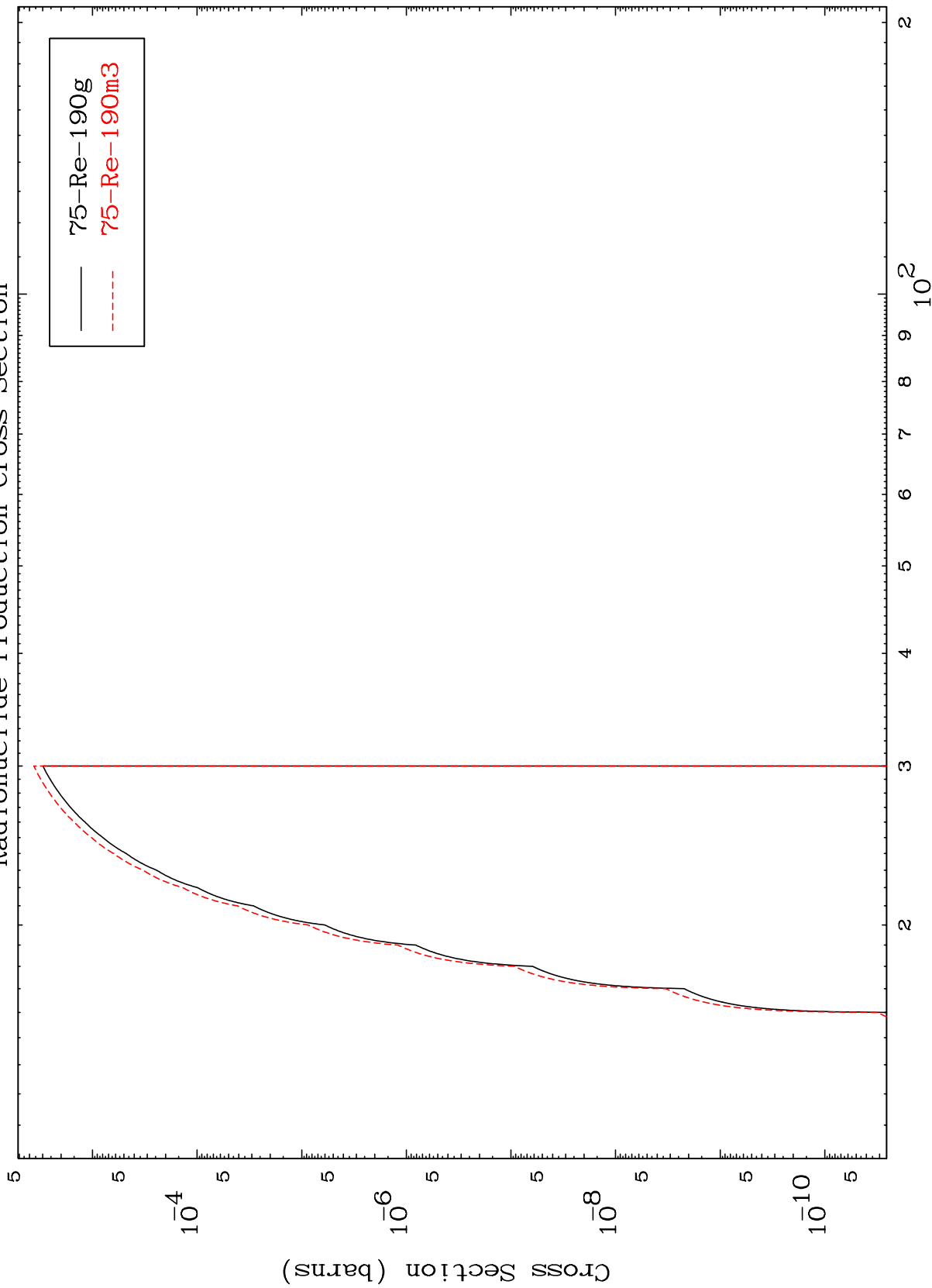


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(n,n') d

76-0s-192m

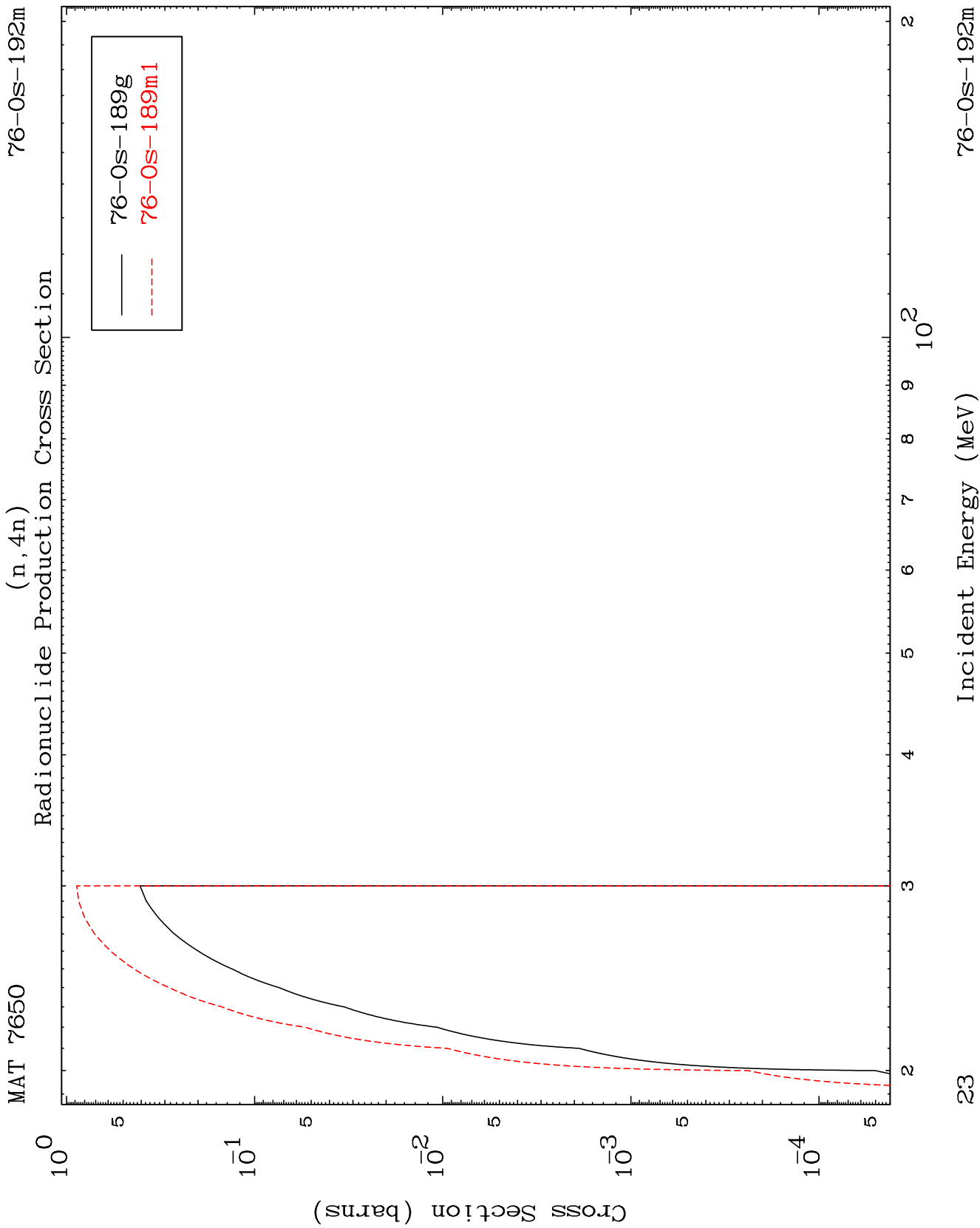
Radionuclide Production Cross Section

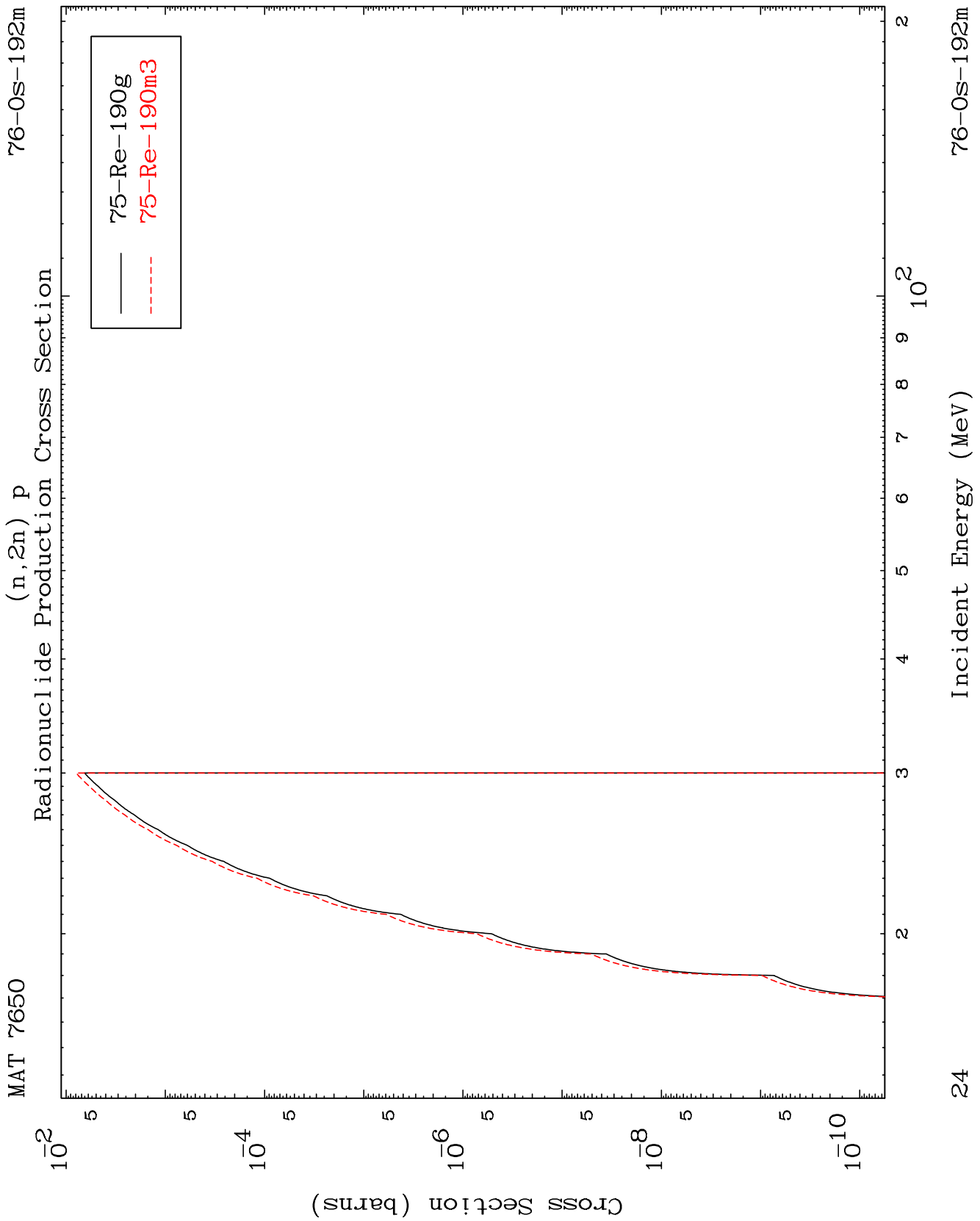


Incident Energy (MeV)

76-0s-192m

22

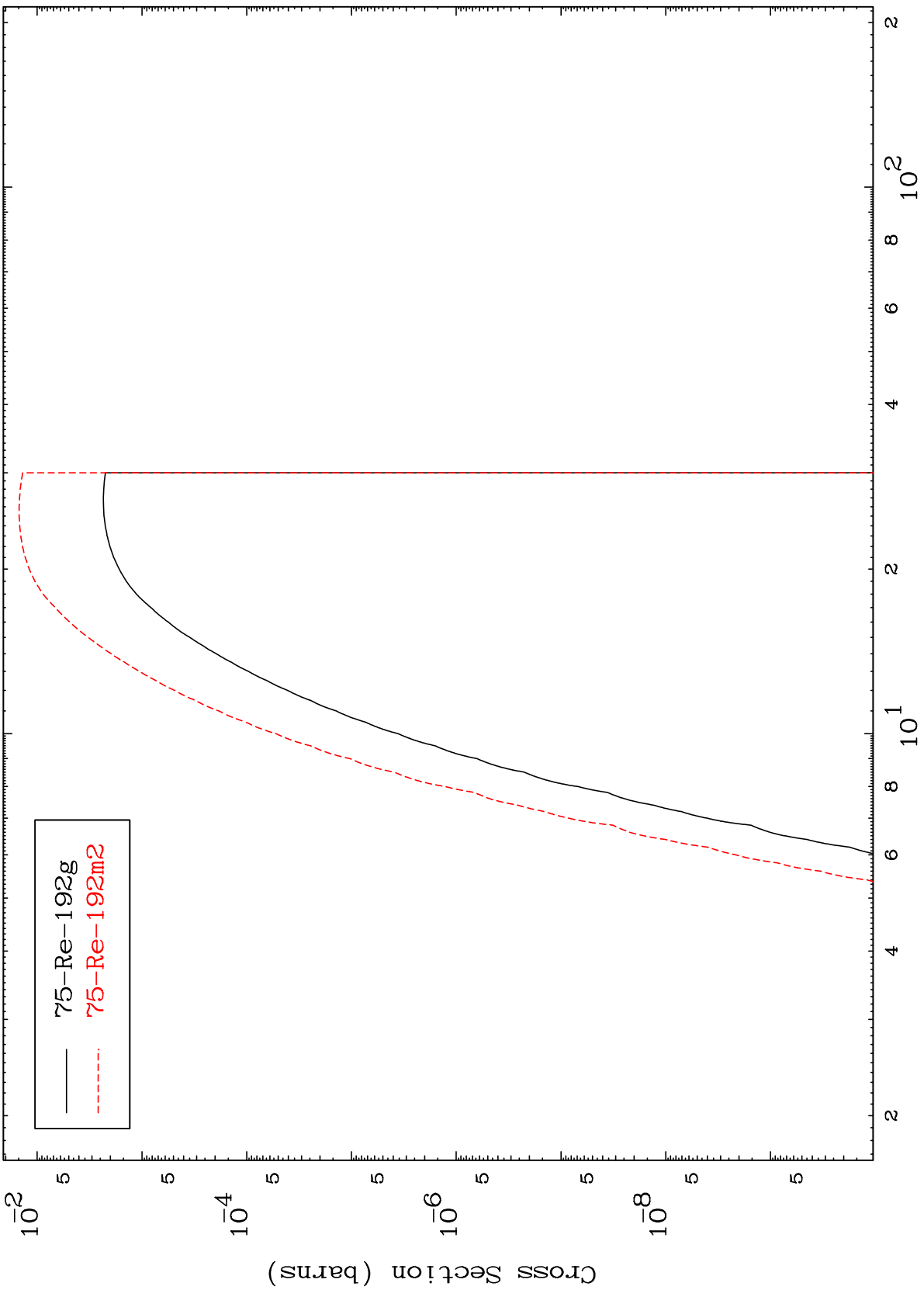




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76-0s-192m

Radionuclide Production Cross Section (n,p)



— 75-Re-192g  
- - - 75-Re-192m2

76-0s-192m

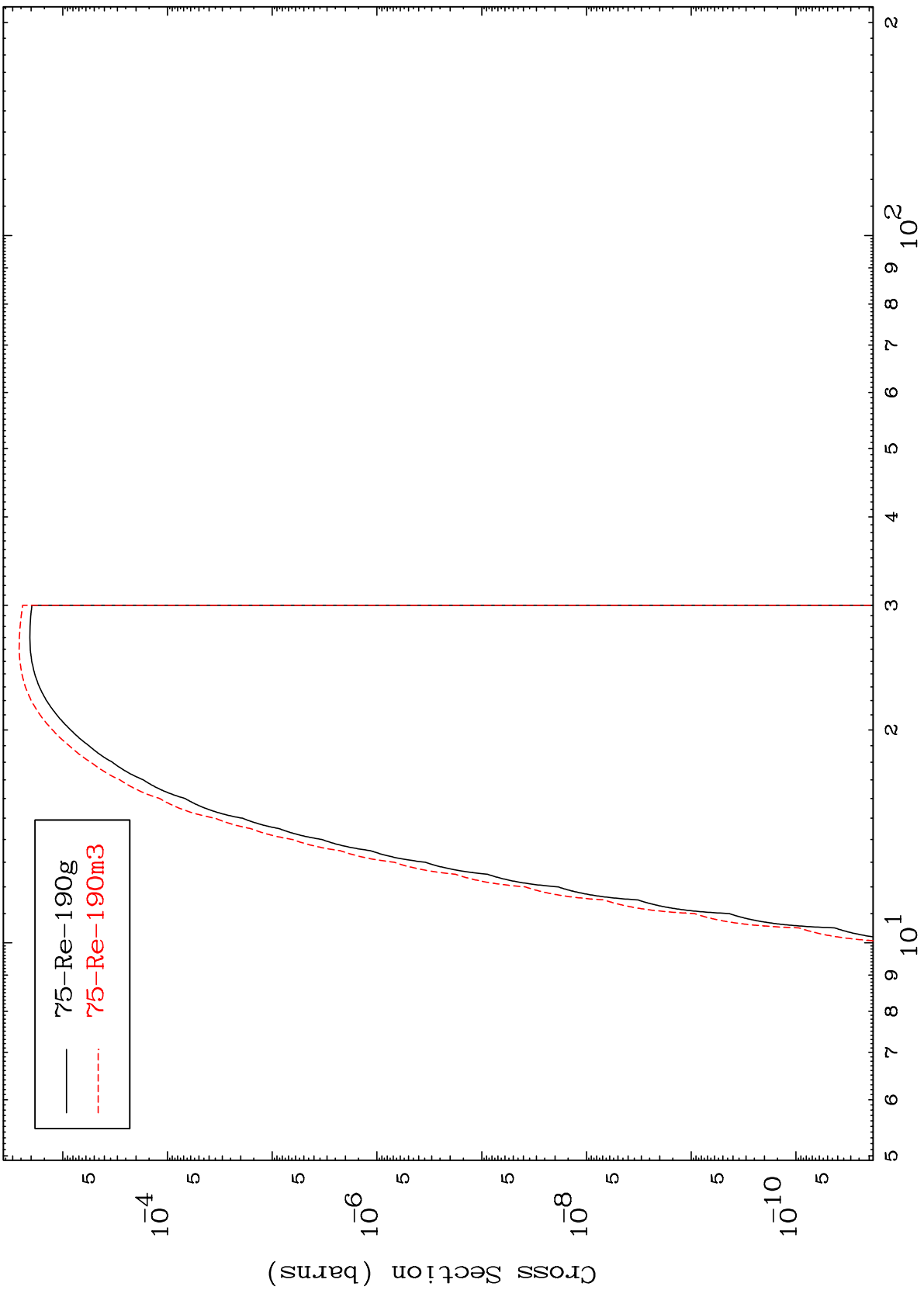
Incident Energy (MeV)

25

MAT 7650

76-0s-192m

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

76-0s-192m

26