

Program EVALPLOT  
(Version 2021-1)

by

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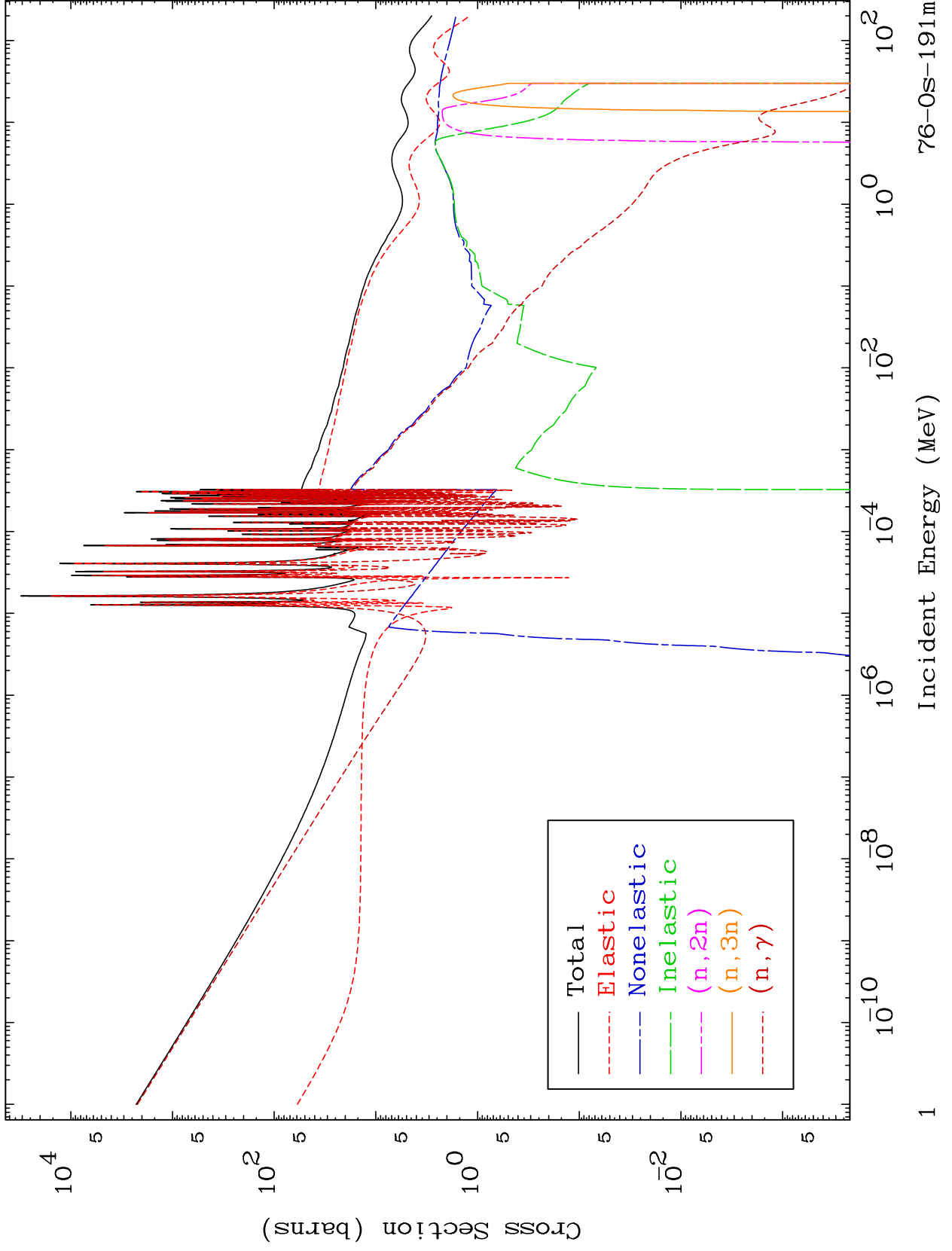
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7647

Neutron Major  
293 Kelvin Cross Sections

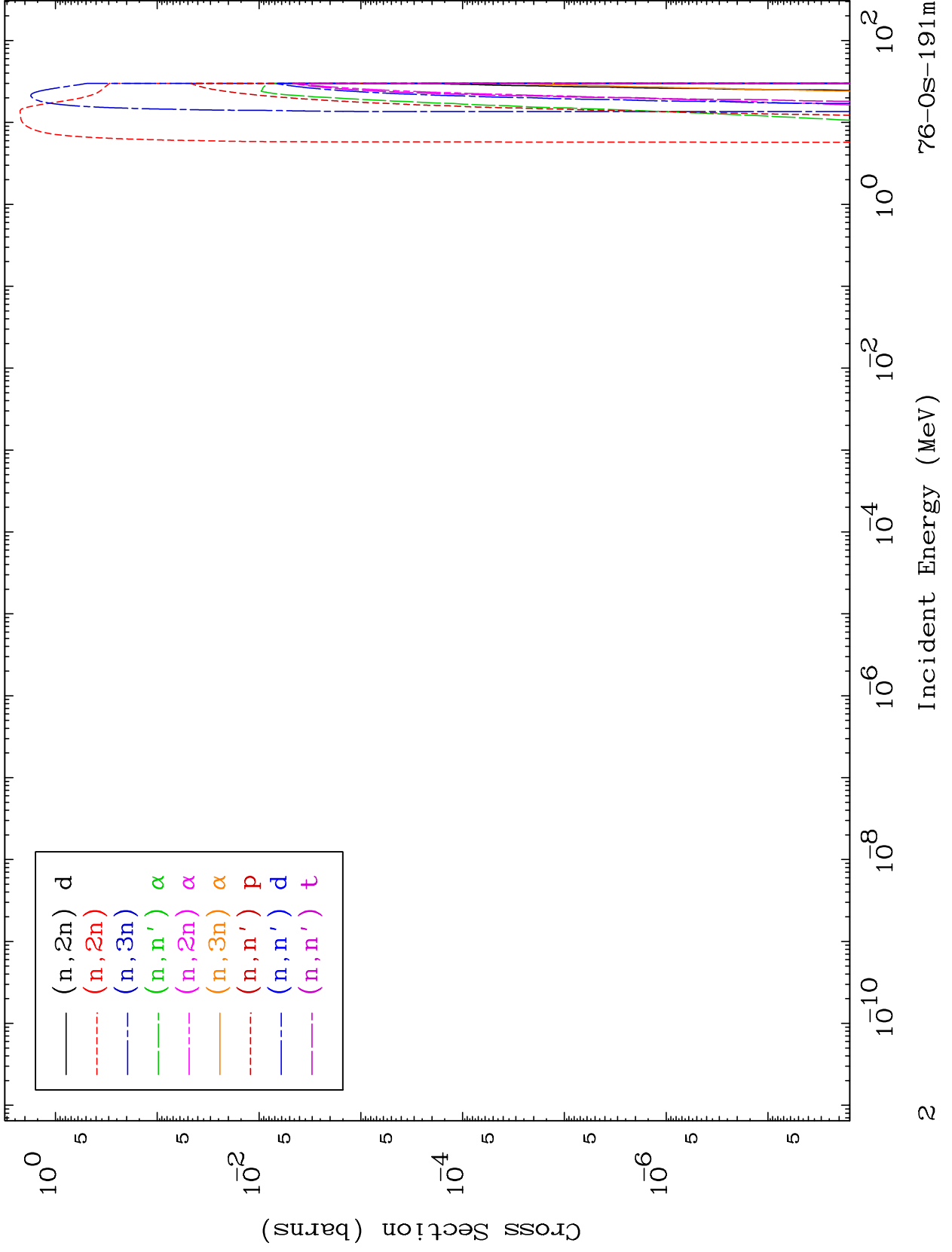
76-0s-191m



MAT 7647

Neutron Absorption  
293 Kelvin Cross Sections

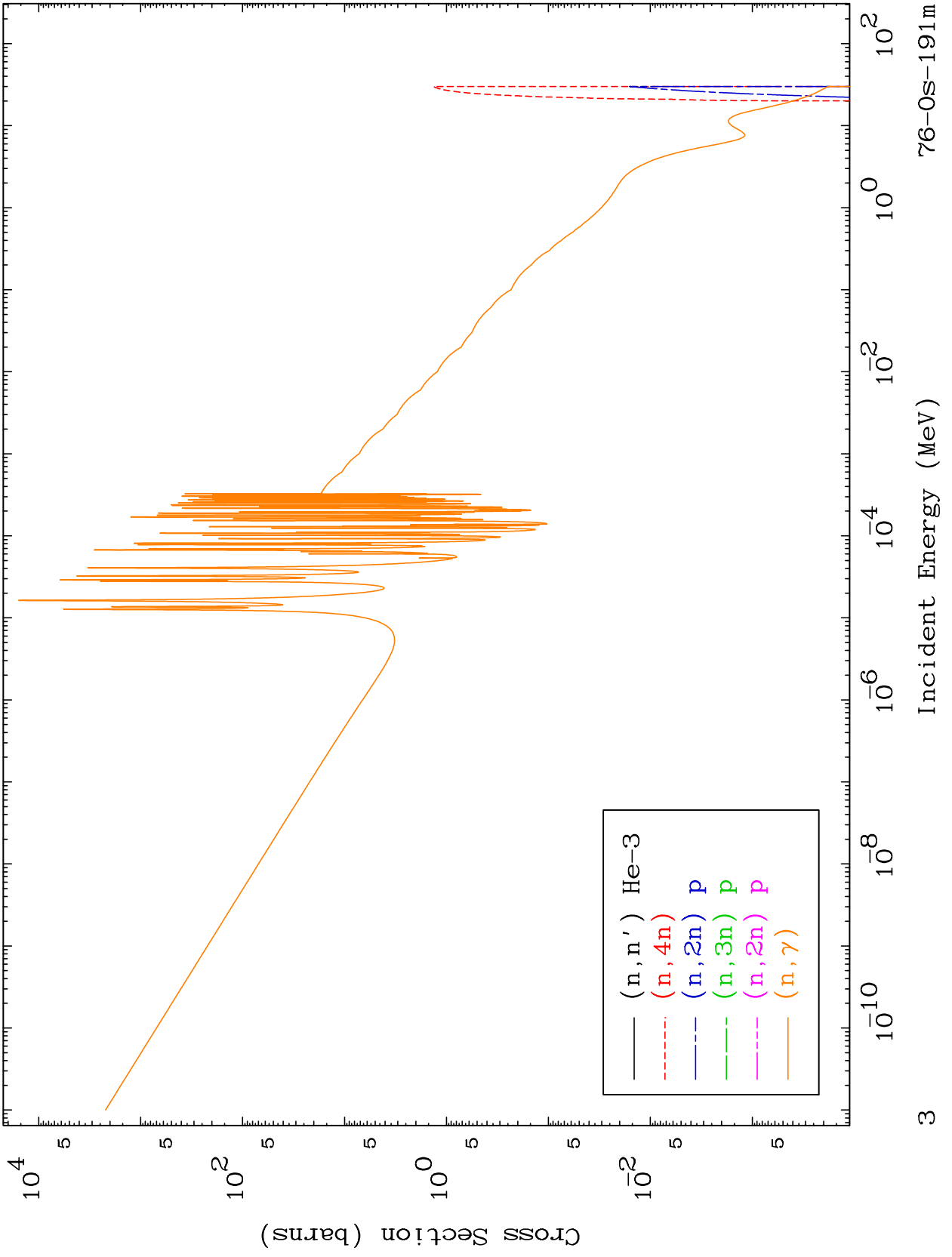
76-Os-191m

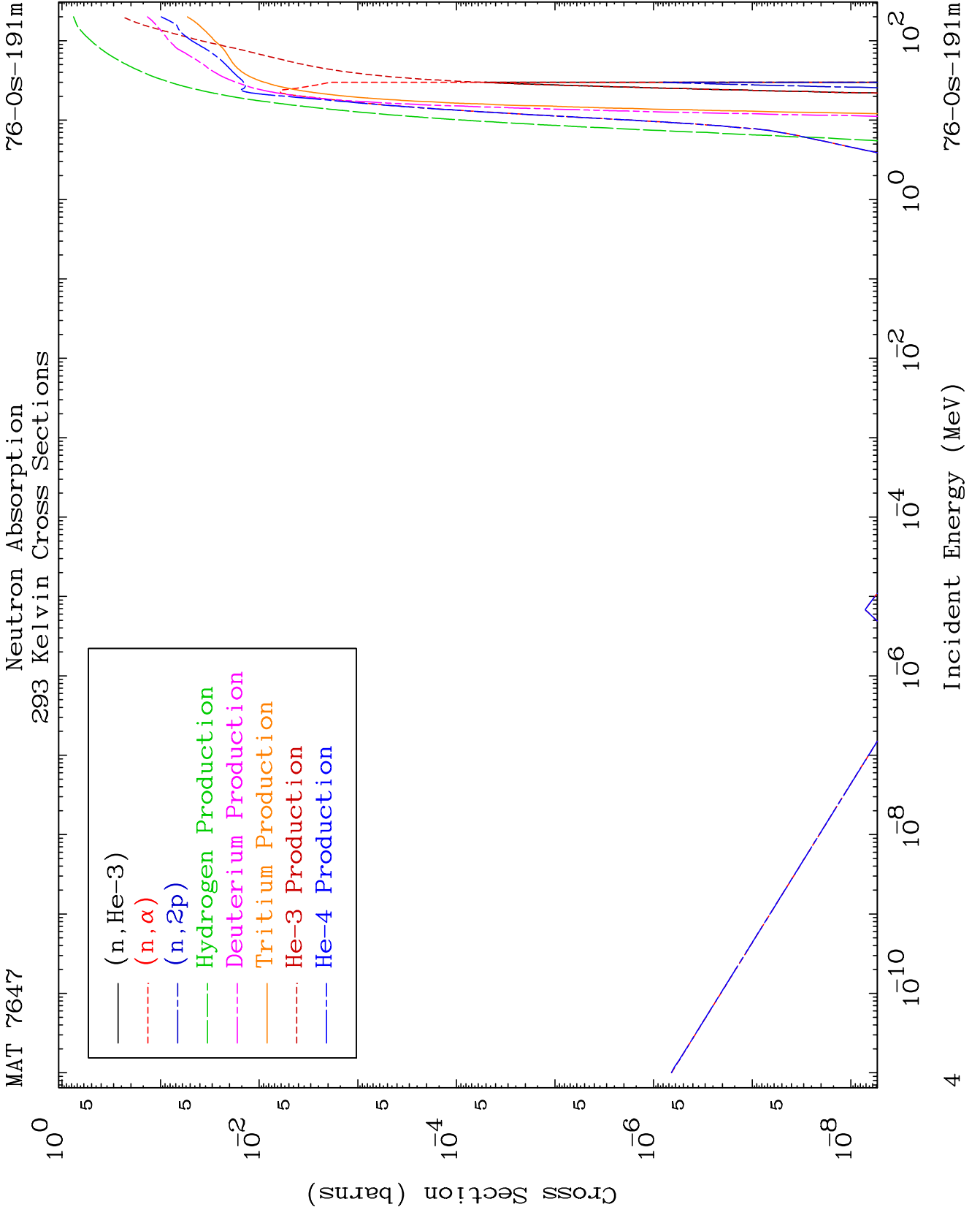


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Neutron Absorption  
293 Kelvin Cross Sections

76-Os-191m

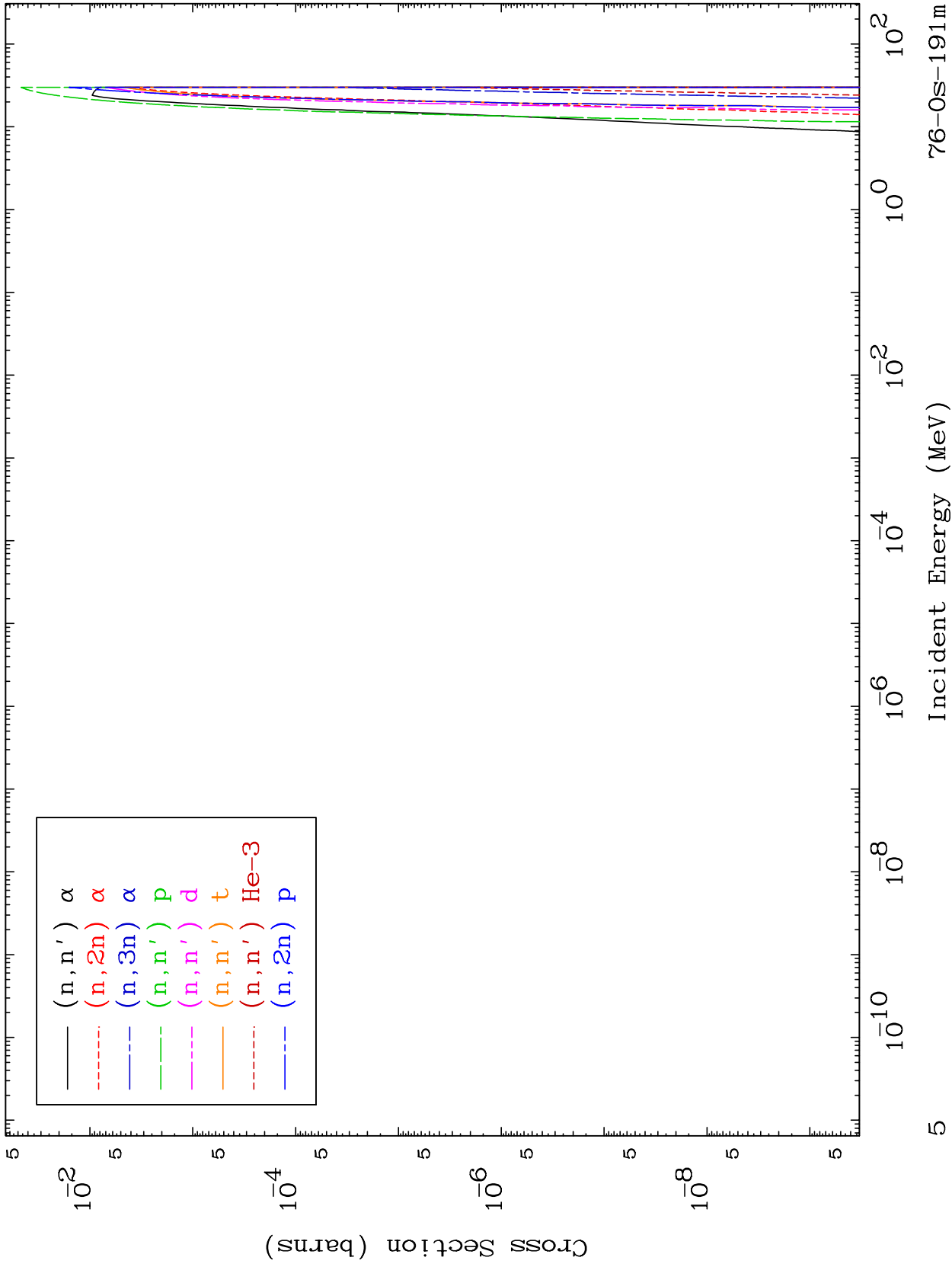




MAT 7647

Charged Particle  
293 Kelvin Cross Sections

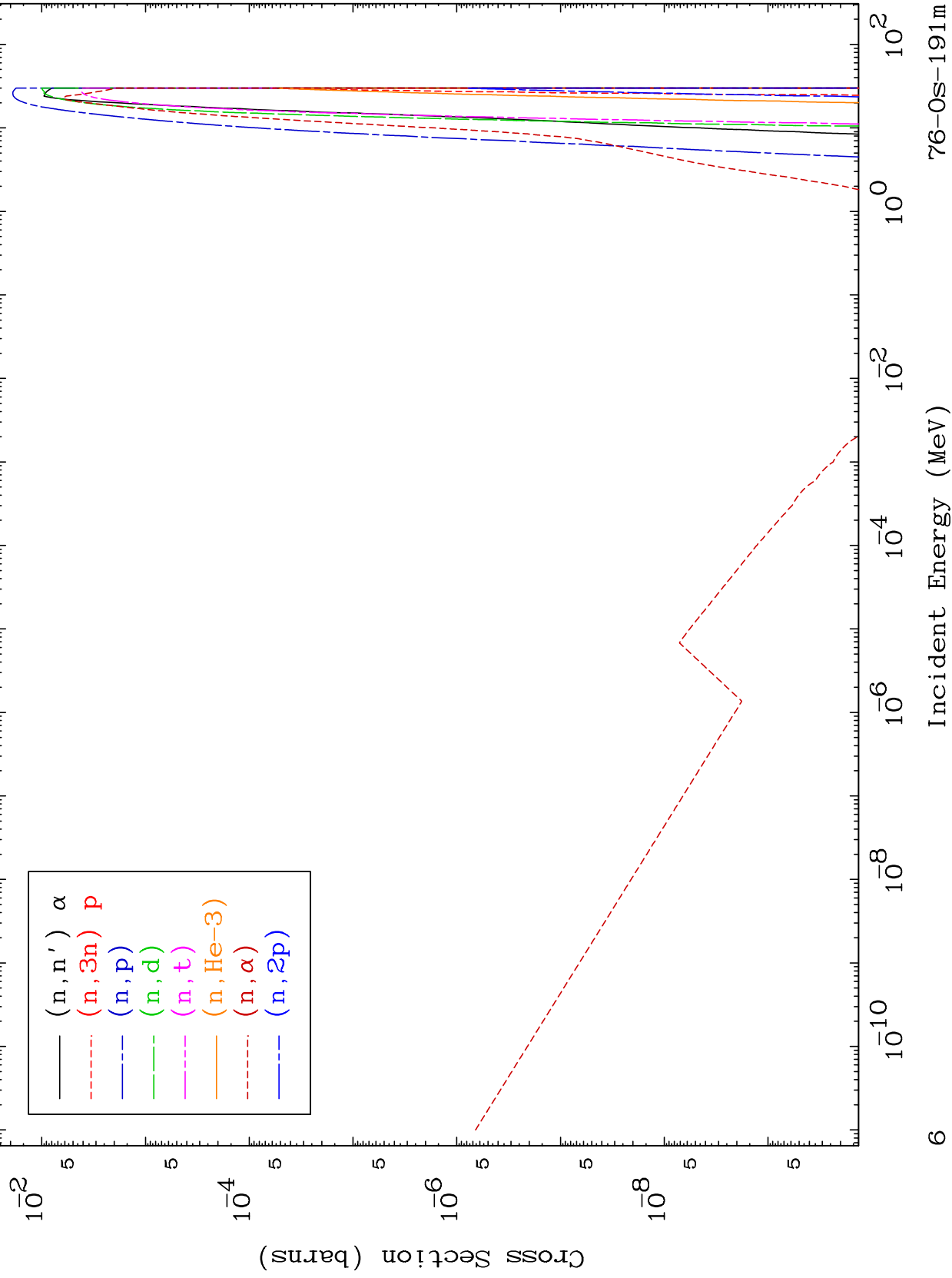
76-Os-191m

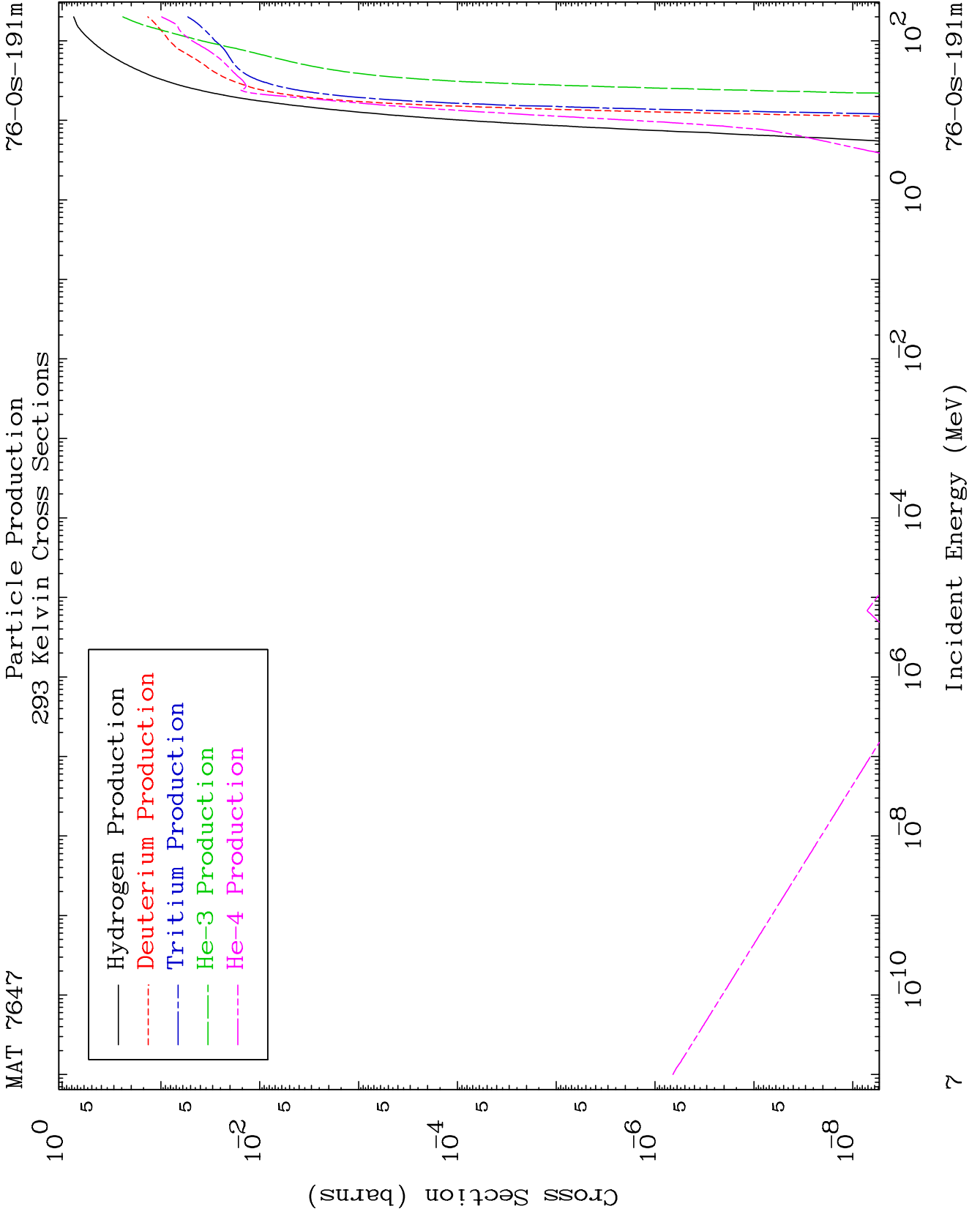


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Charged Particle  
293 Kelvin Cross Sections

76-Os-191m



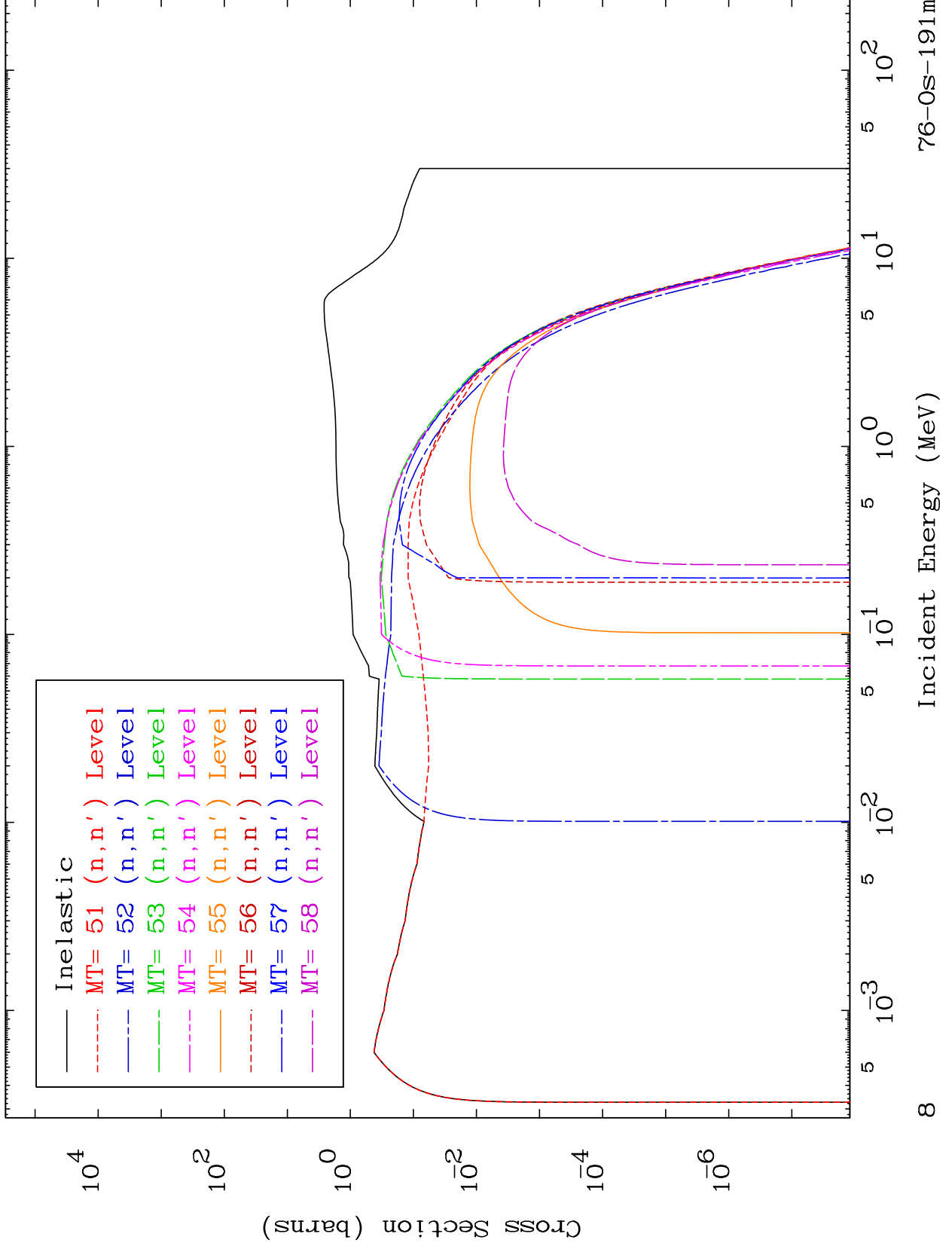




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(n,n') Levels  
293 Kelvin Cross Sections

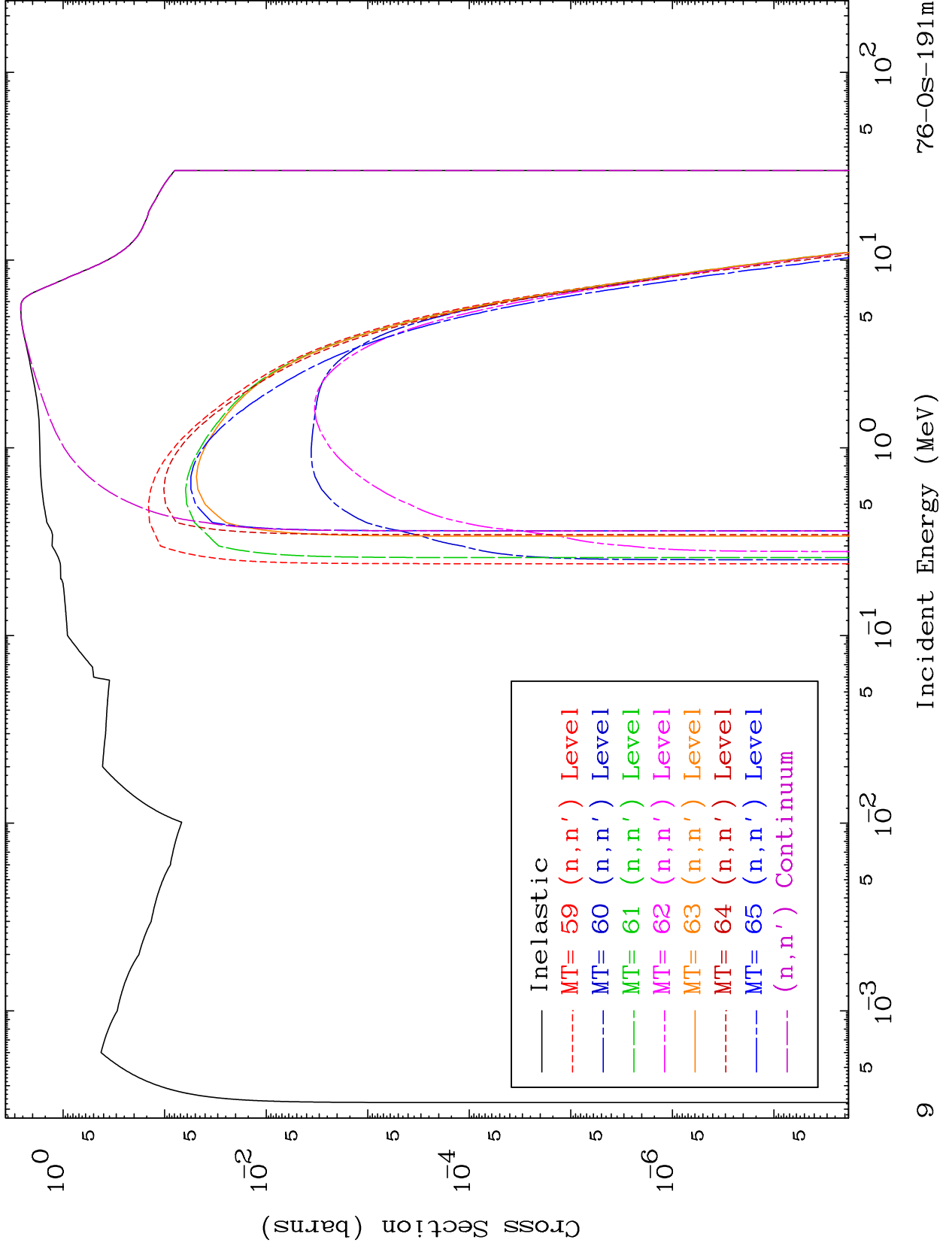
76-0s-191m



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293 Kelvin Cross Sections  
(n,n') Levels

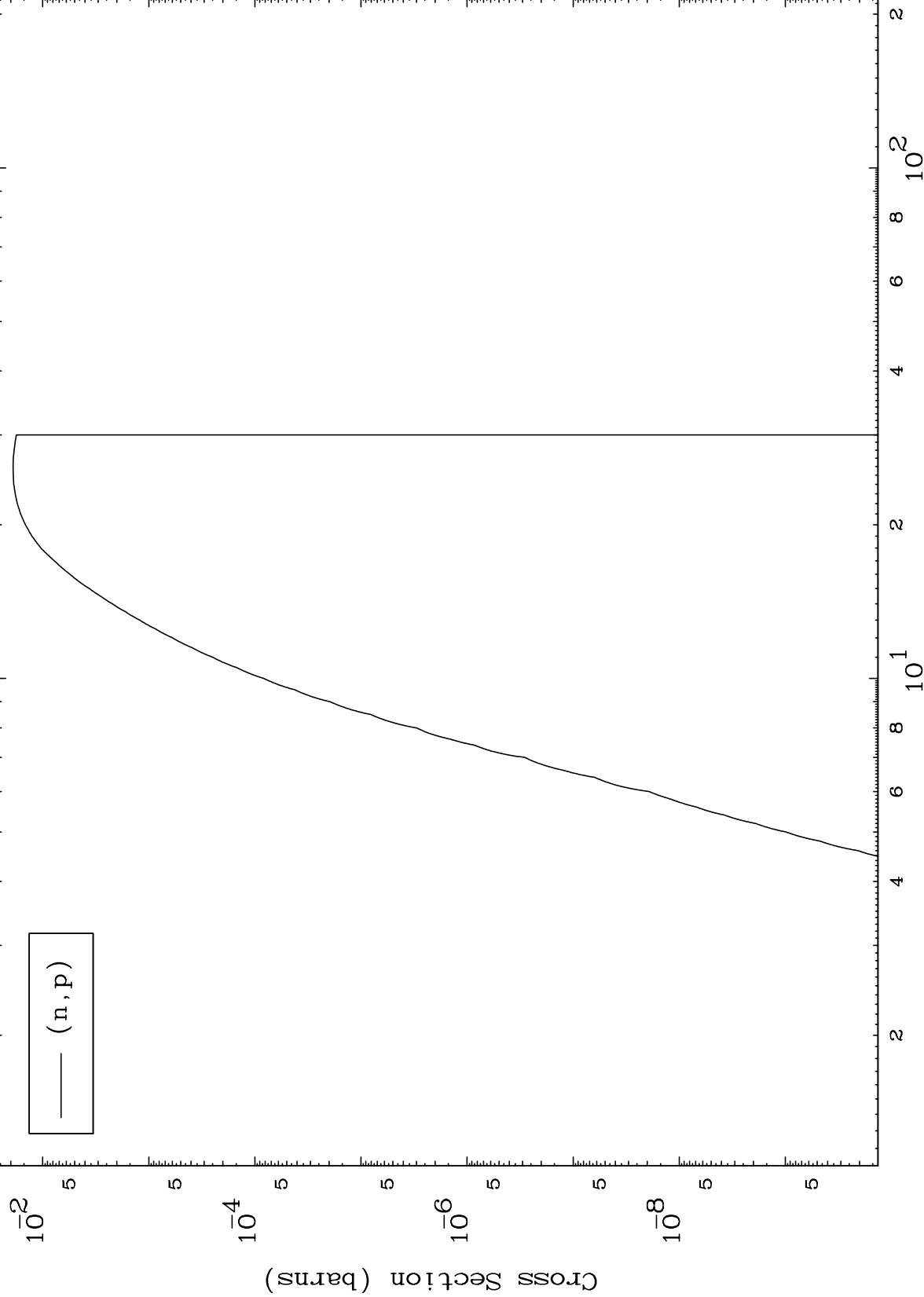
76-Os-191m



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(n,p) Levels  
293 Kelvin Cross Sections

76-0s-191m



76-0s-191m

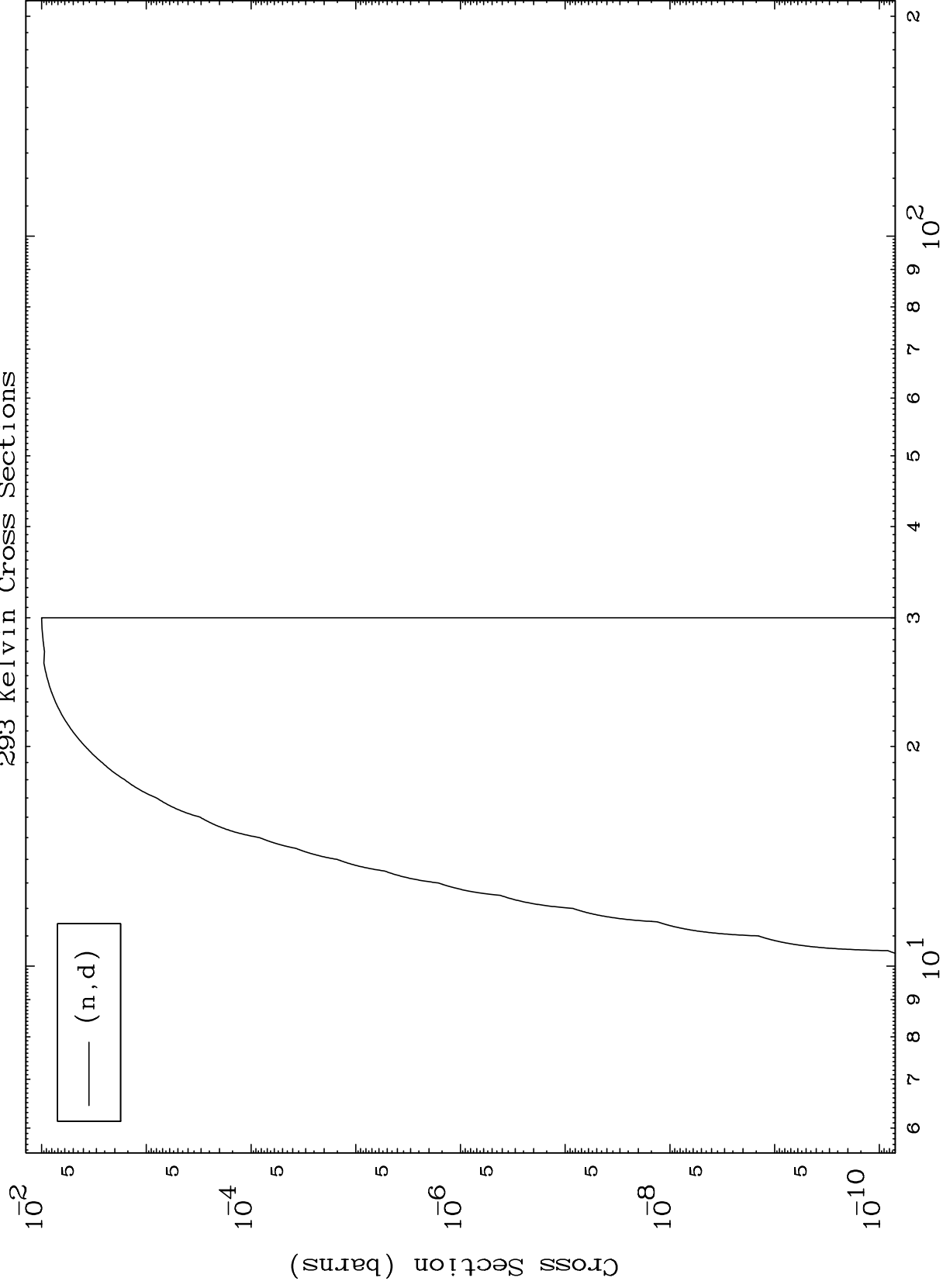
Incident Energy (MeV)

10

MAT 7647

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-191m



11

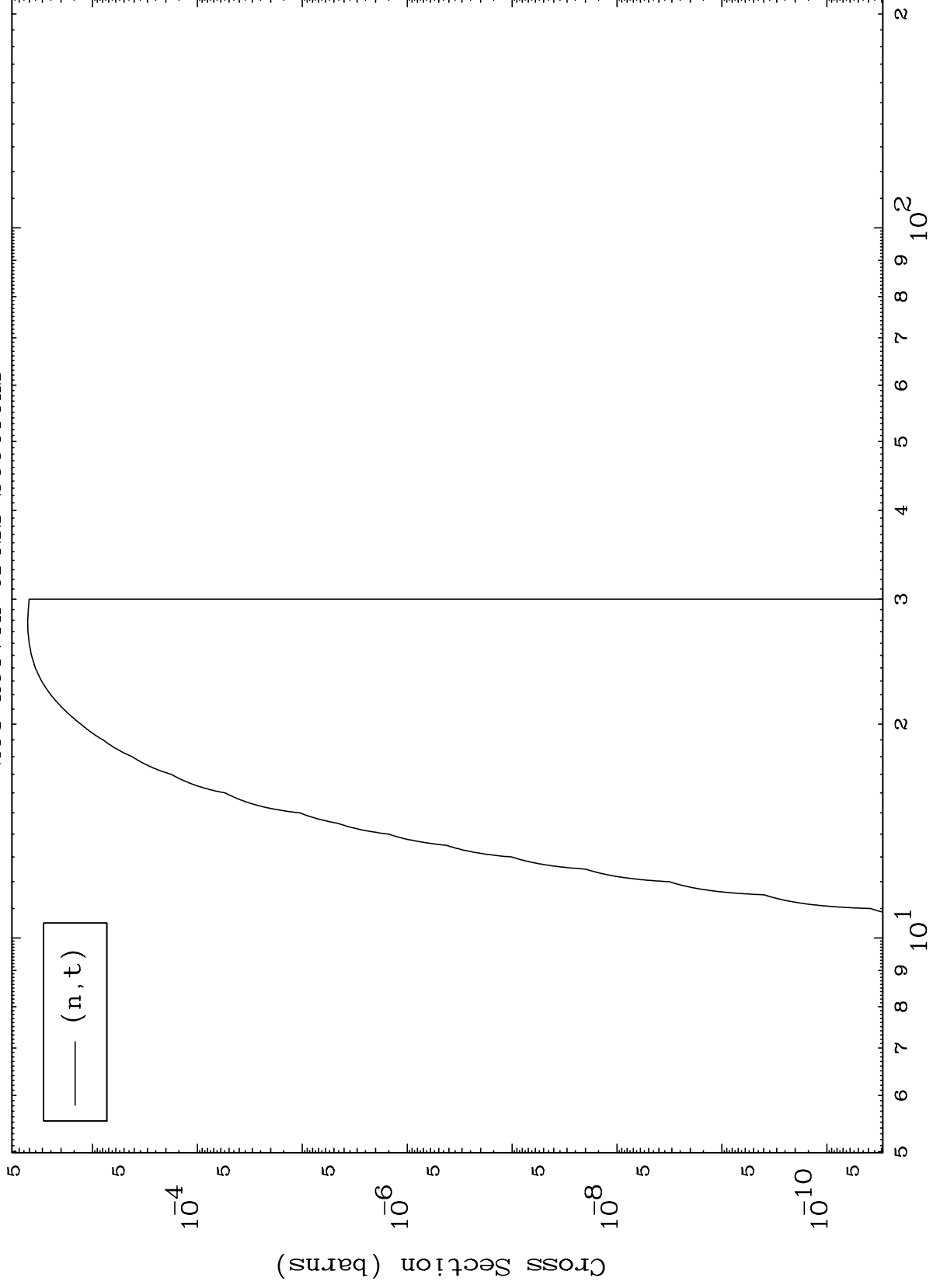
Incident Energy (MeV)

76-Os-191m

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(n,t) Levels  
293 Kelvin Cross Sections

76-0s-191m



12

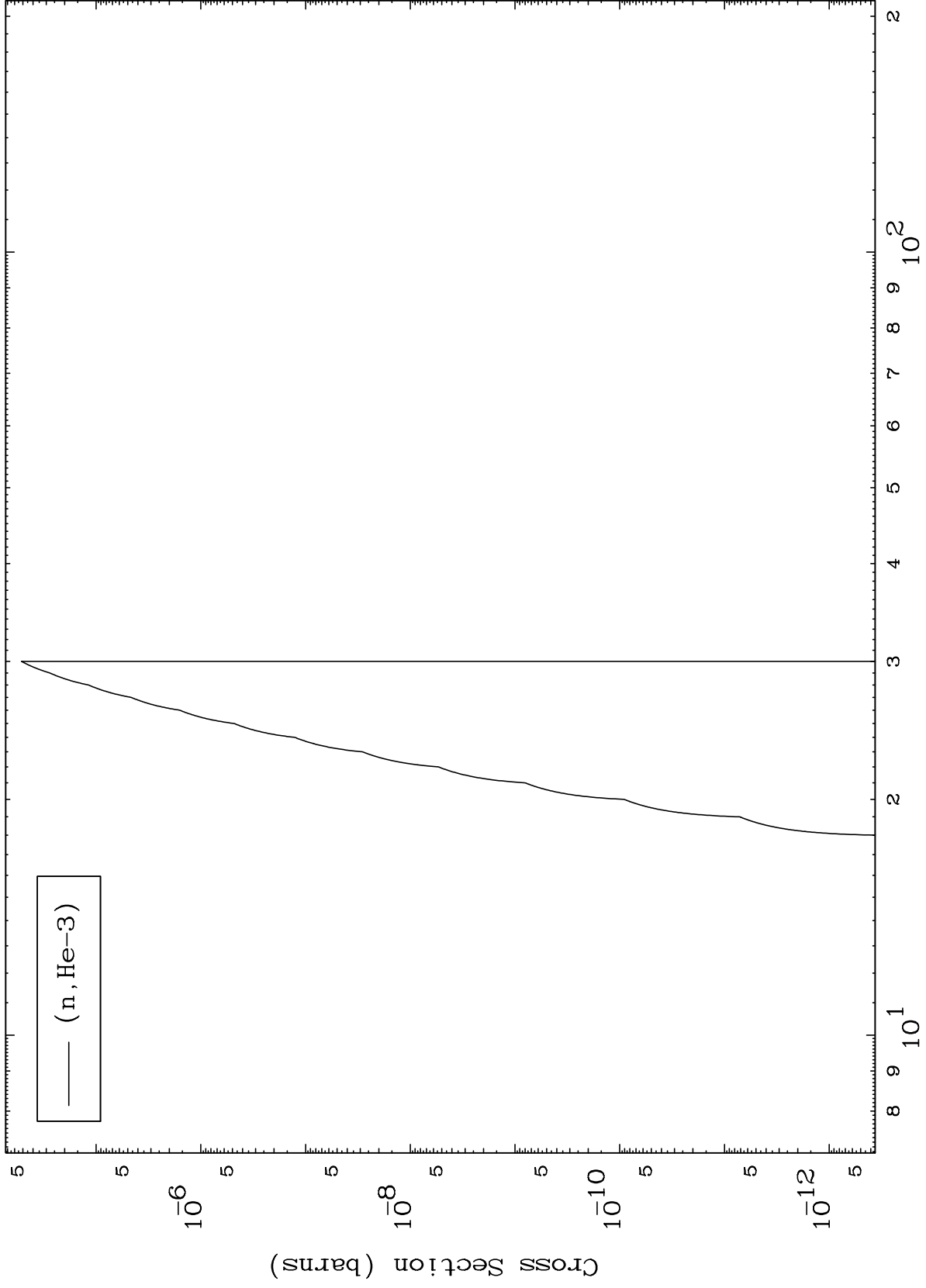
Incident Energy (MeV)

76-0s-191m

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(n,He3) Levels  
293 Kelvin Cross Sections

76-0s-191m



13

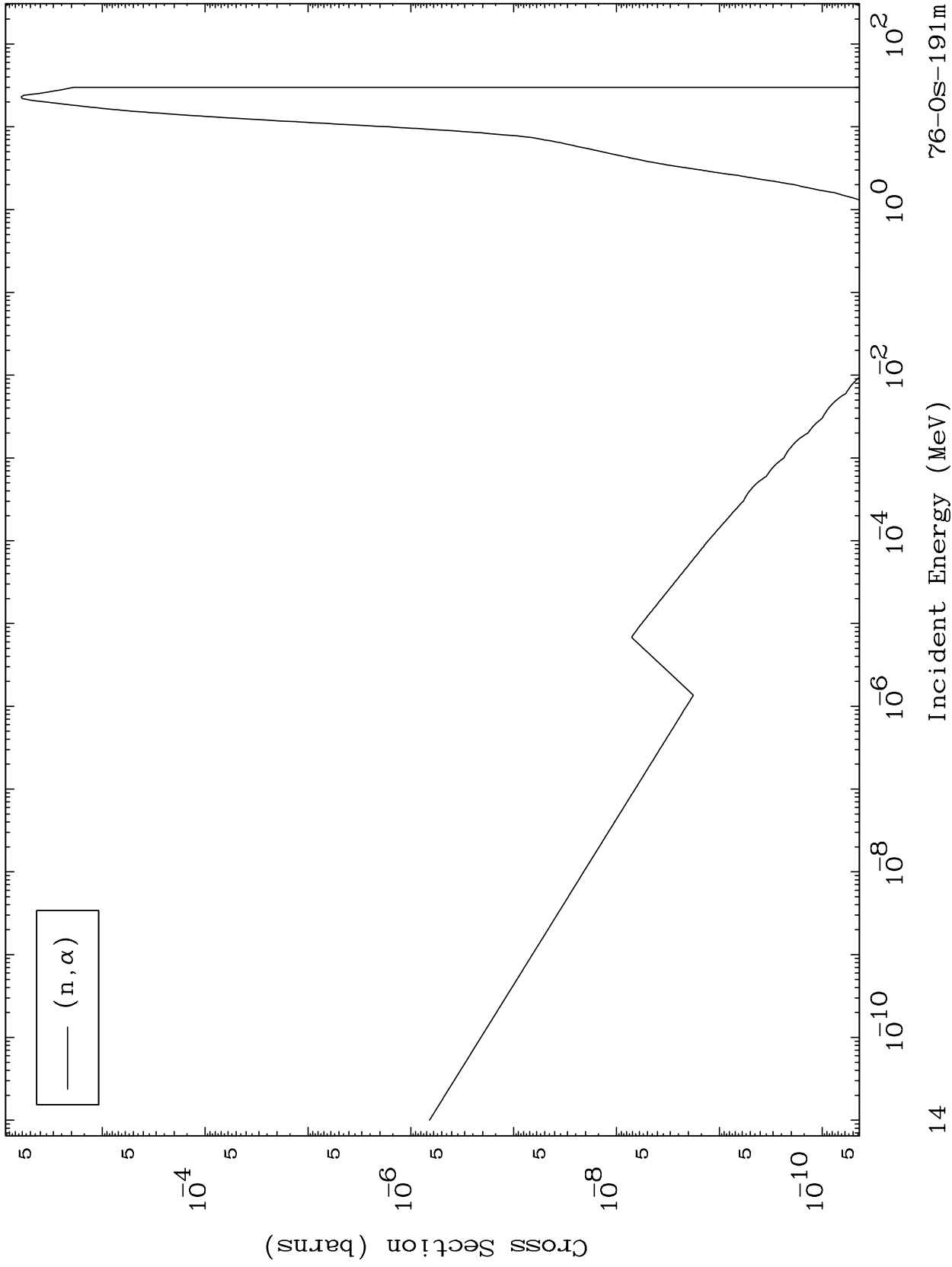
Incident Energy (MeV)

76-0s-191m

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

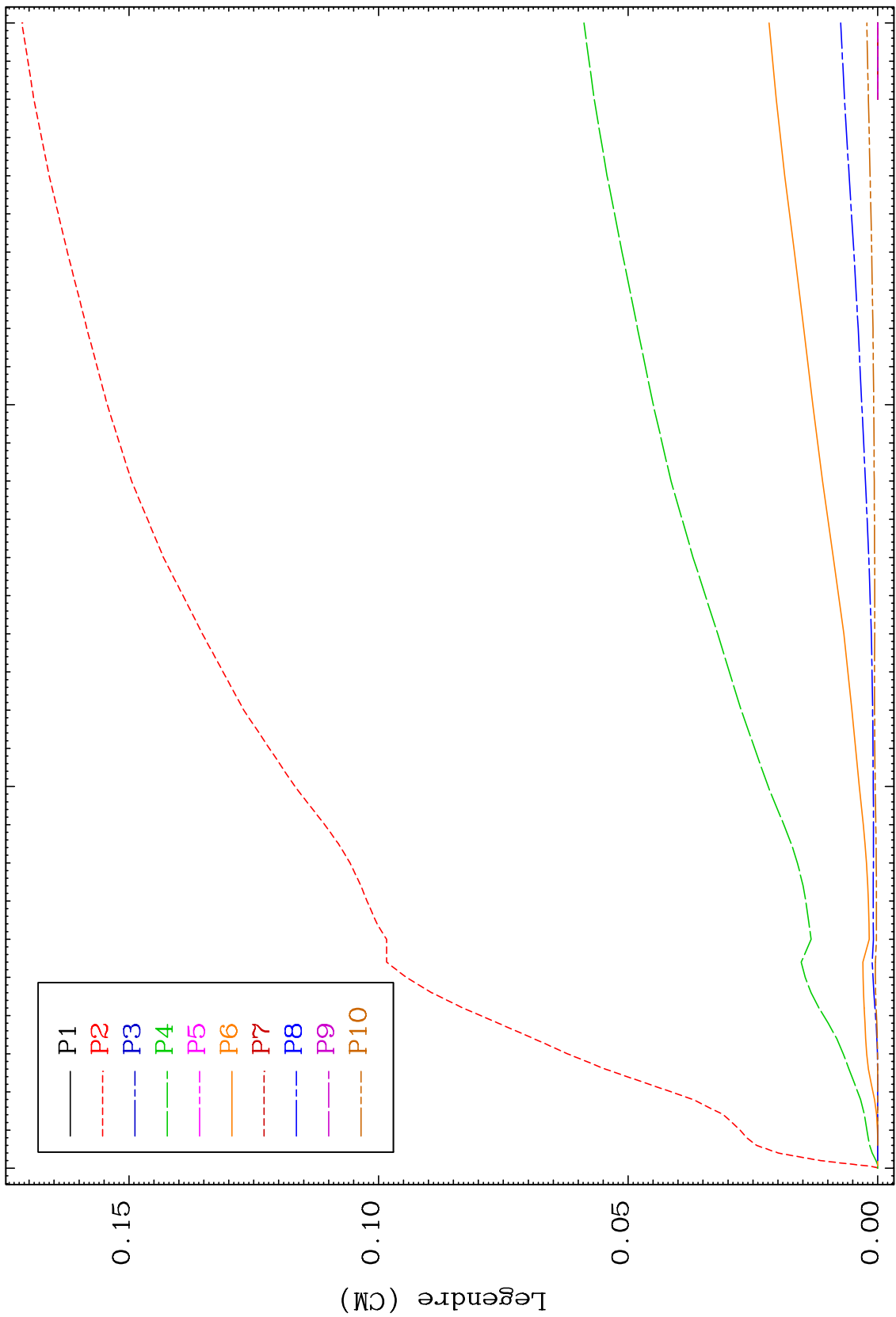
76-0s-191m



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Elastic Legendre Coefficients

76-0s-191m



76-0s-191m

Incident Energy (MeV)

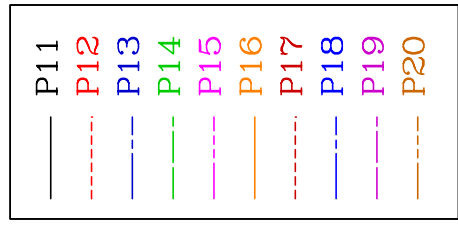
15



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Elastic  
Legendre Coefficients

76-0s-191m



$\times 10^{-4}$

Legendre (CM)

6

4

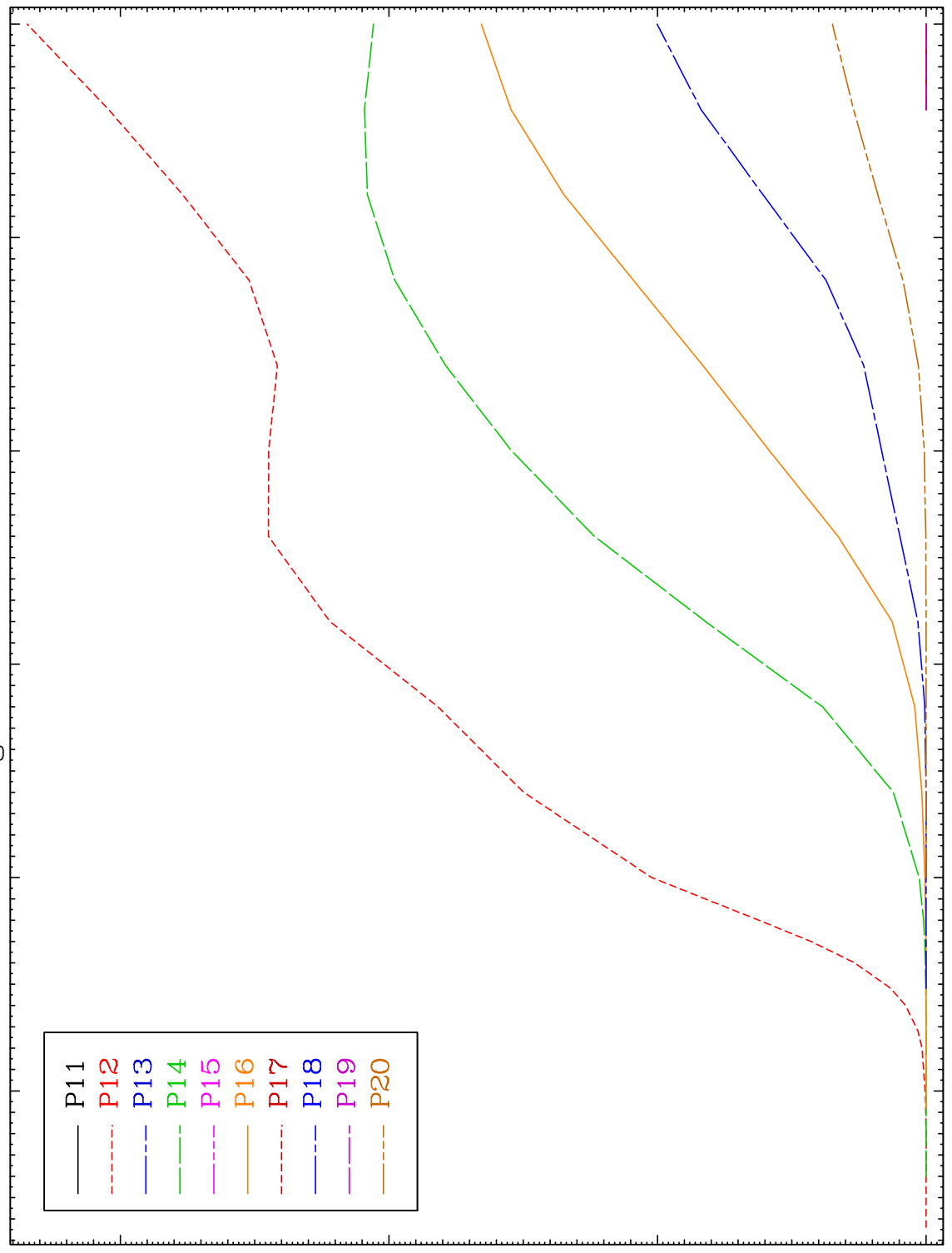
2

0

16

Incident Energy (MeV)

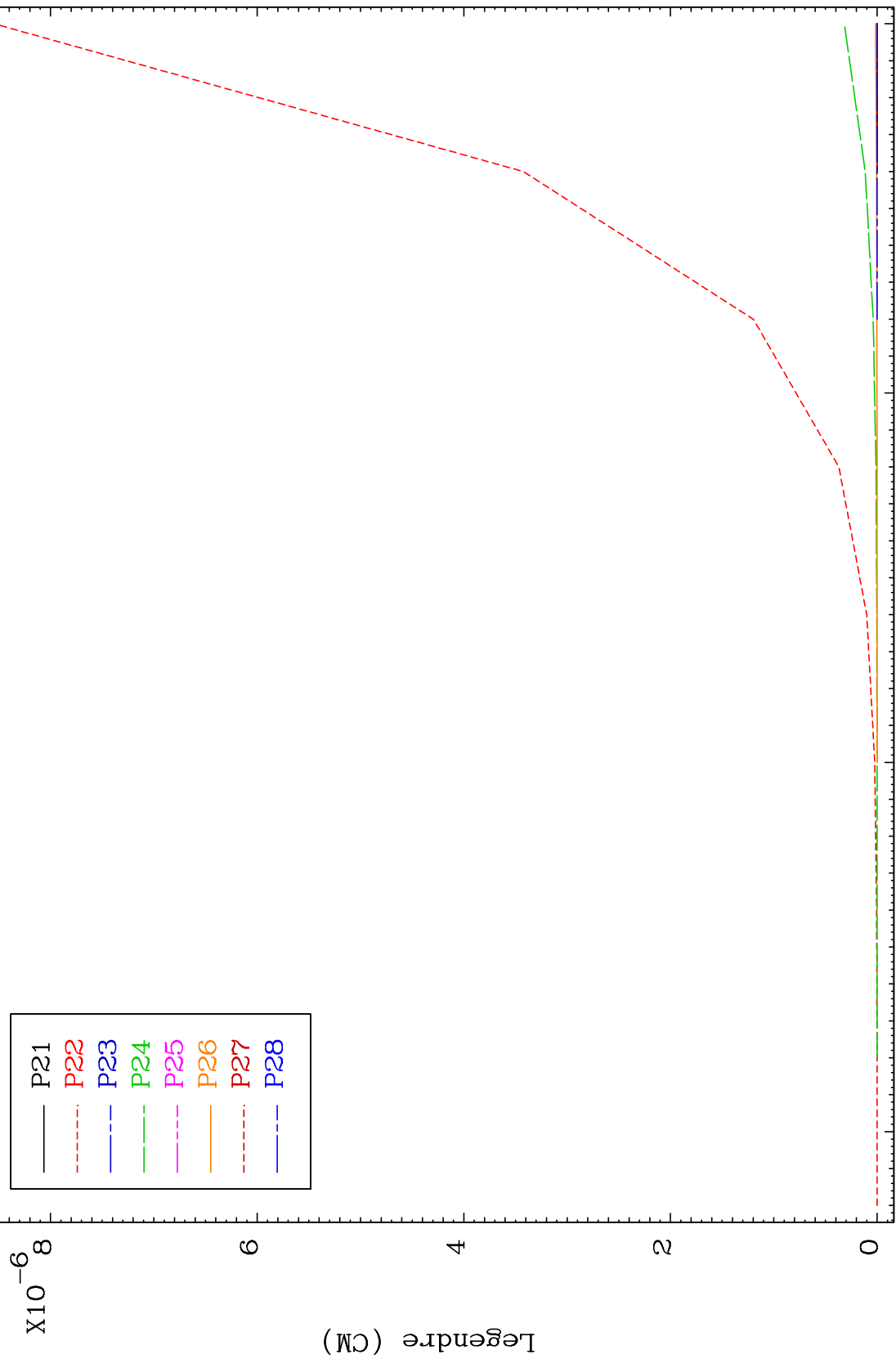
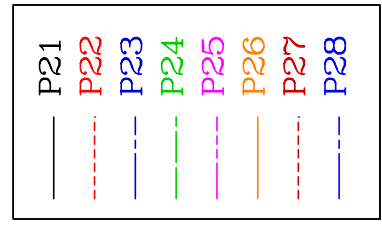
76-0s-191m



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Elastic Legendre Coefficients

76-0s-191m



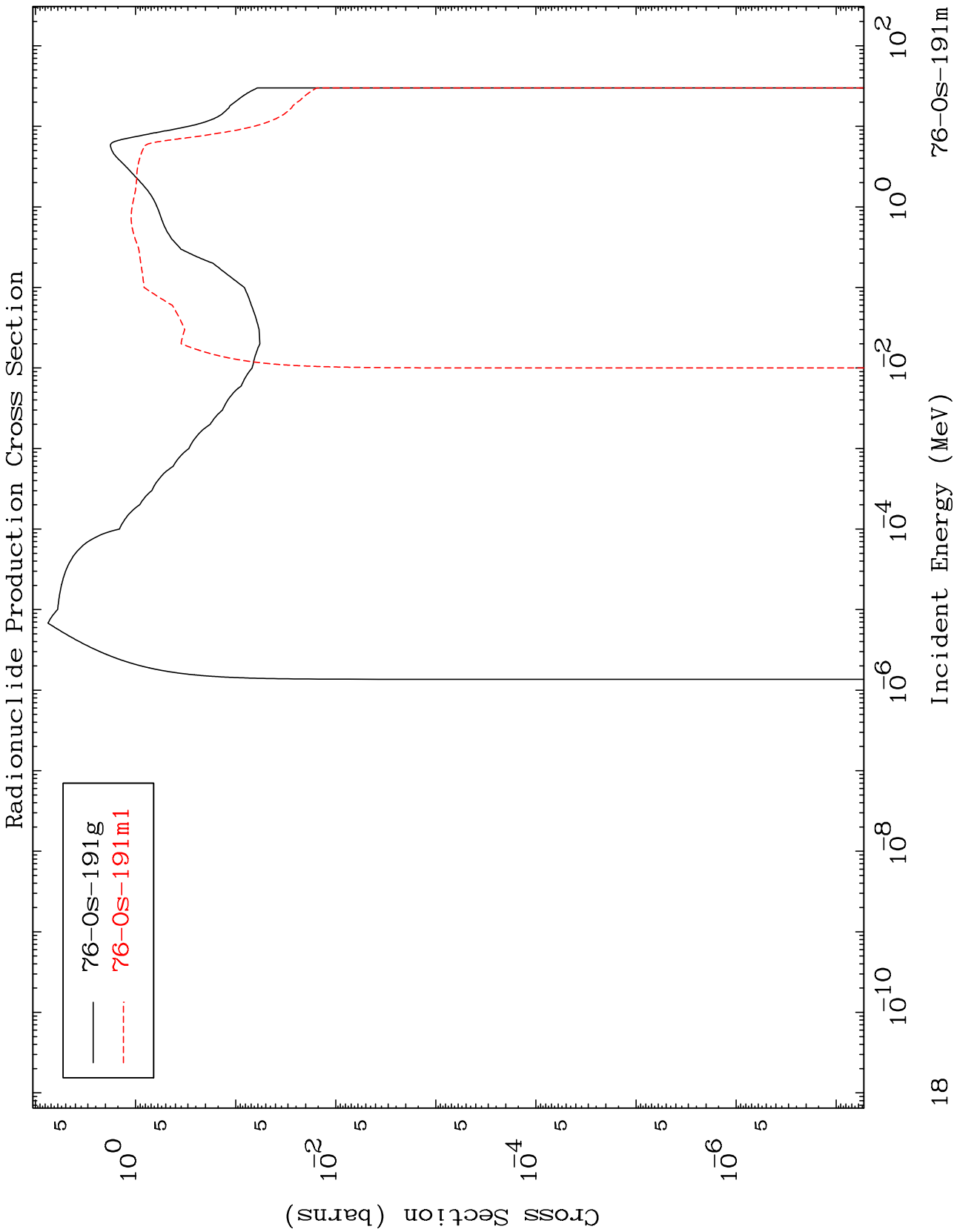
17

Incident Energy (MeV)

76-0s-191m

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76-0s-191m

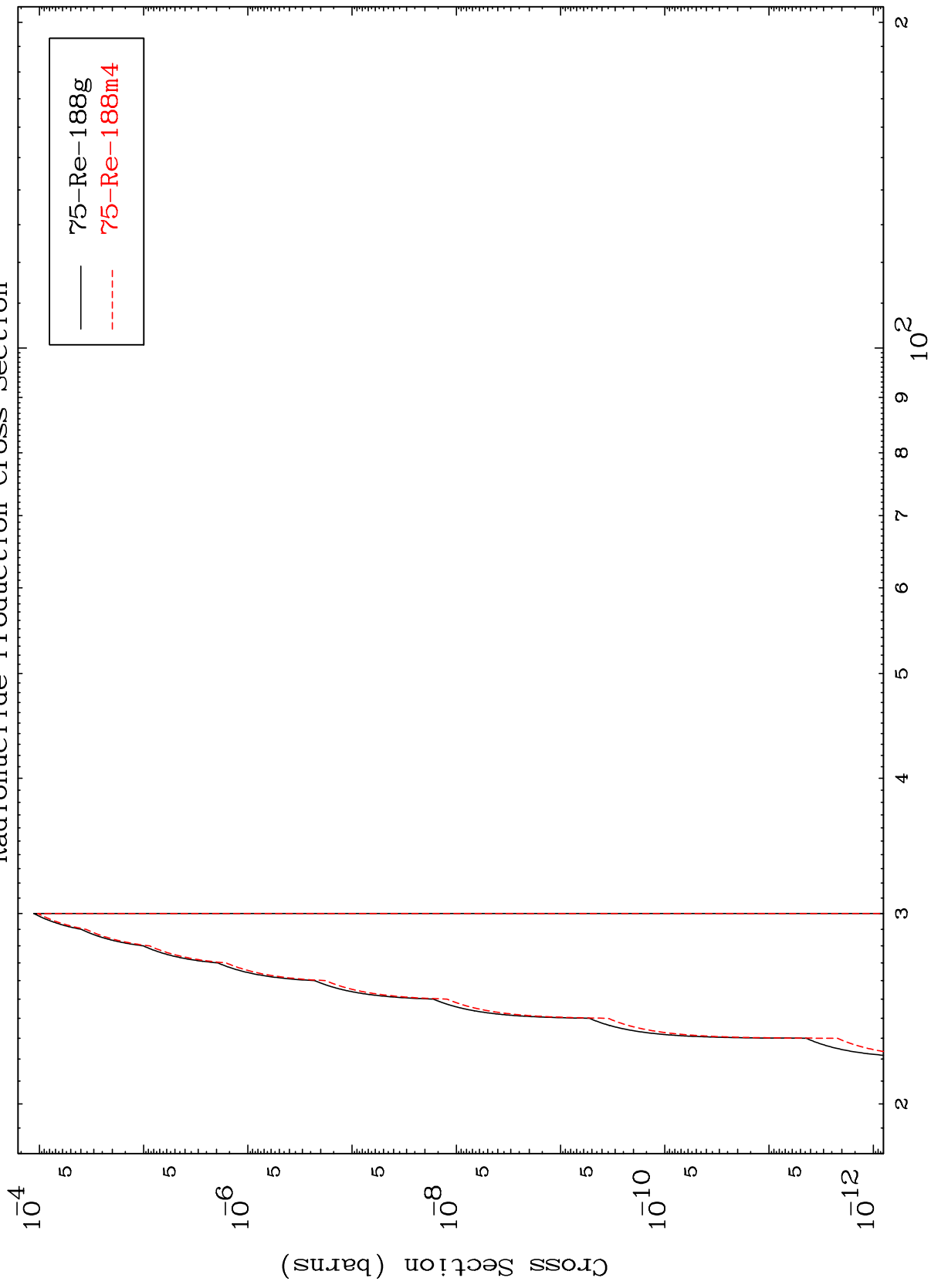


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(n,2n) d

76-0s-191m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

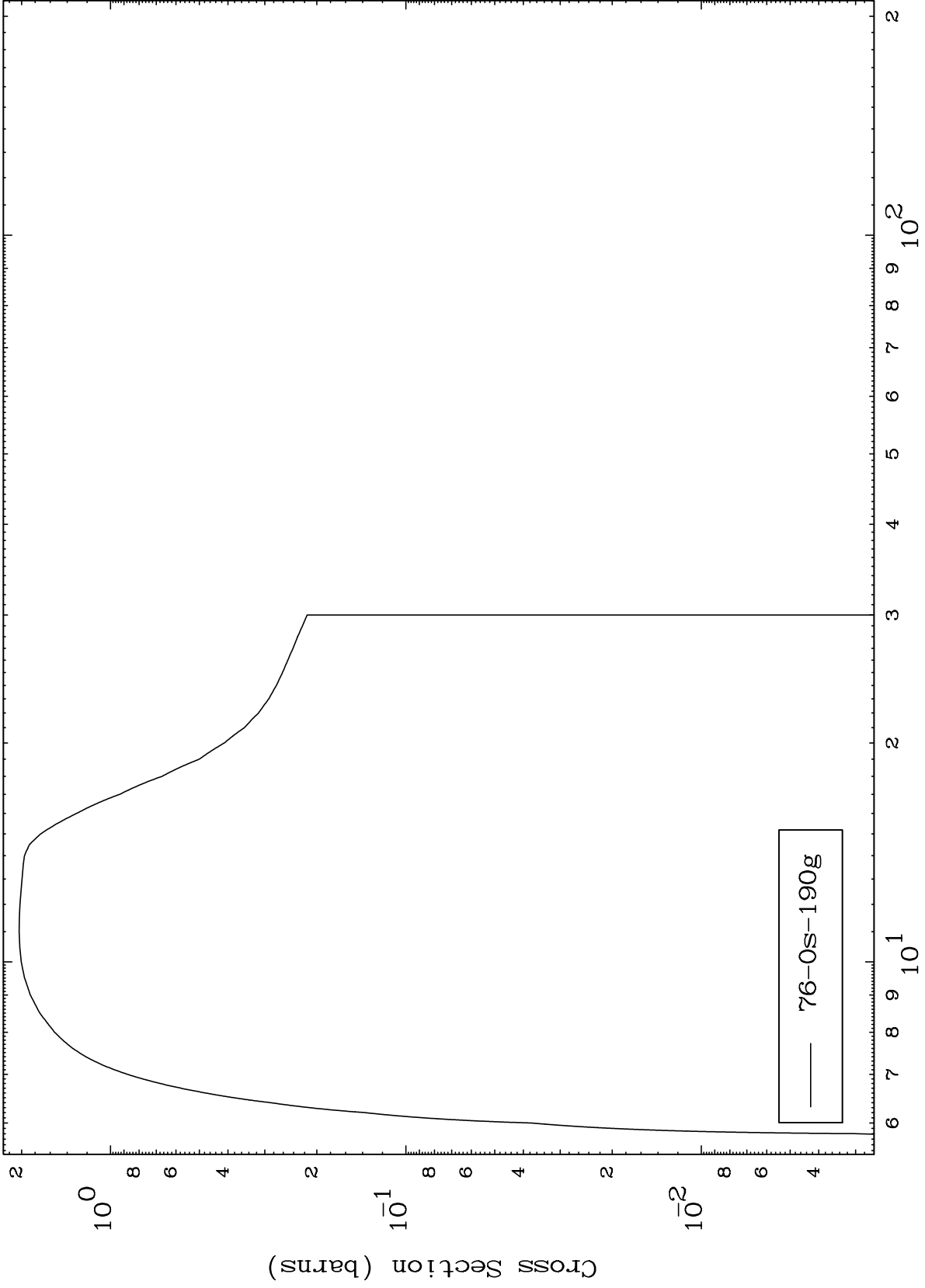
76-0s-191m

MAT 7647

(n,2n)

76-0s-191m

Radionuclide Production Cross Section

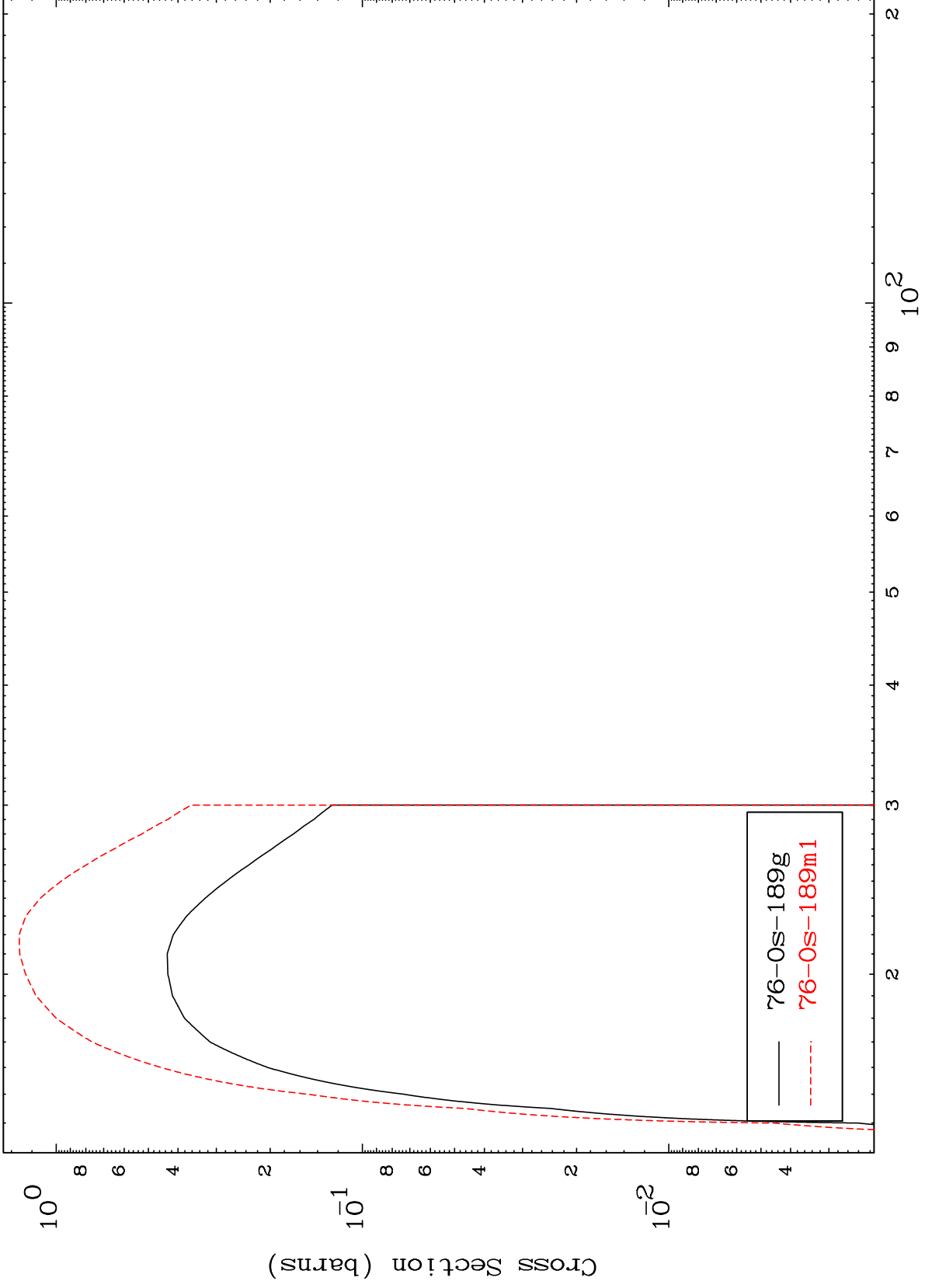


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(n,3n)

76-0s-191m

Radionuclide Production Cross Section

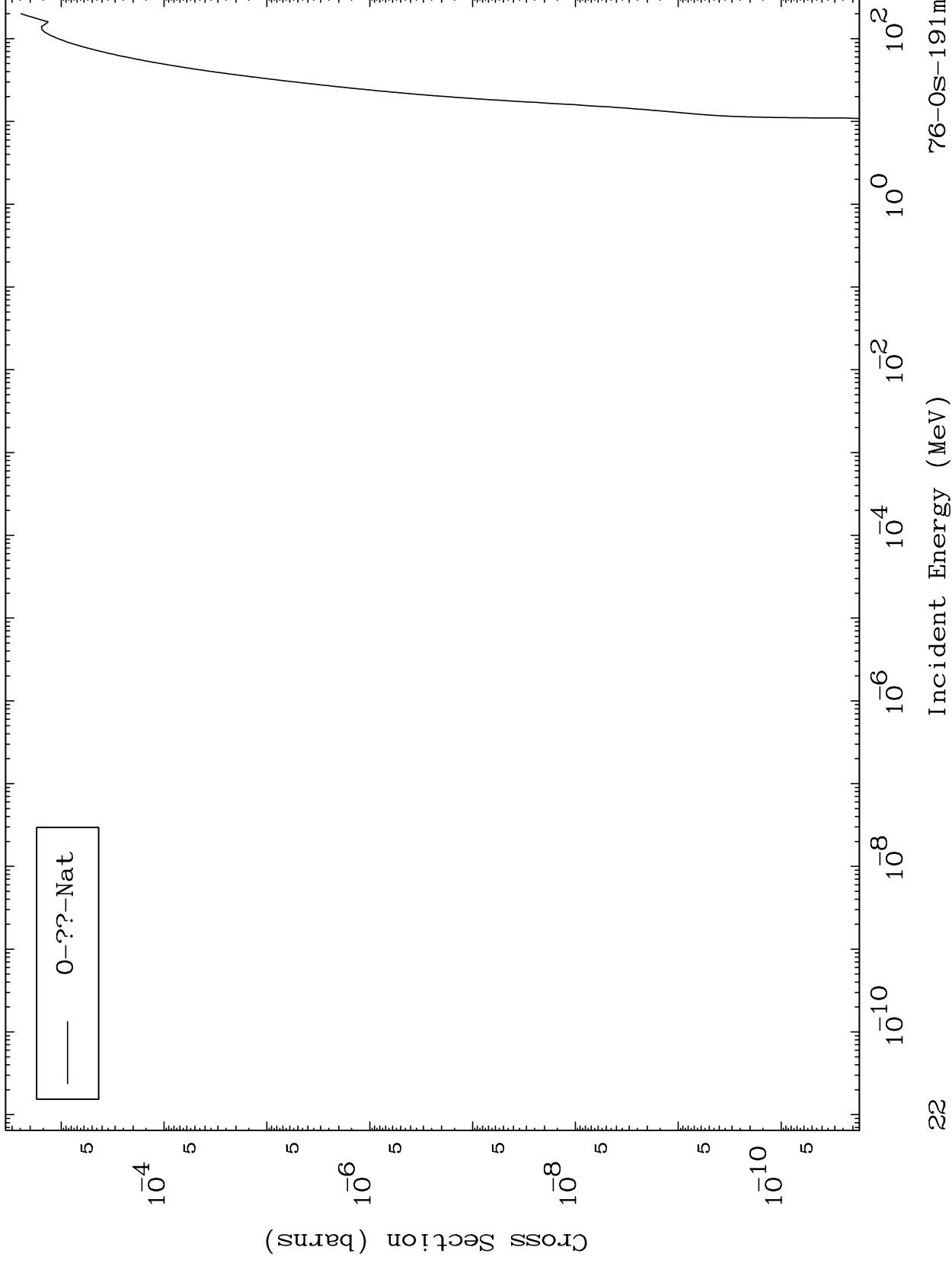


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Fission

<sup>76</sup>Os-191m

Radionuclide Production Cross Section

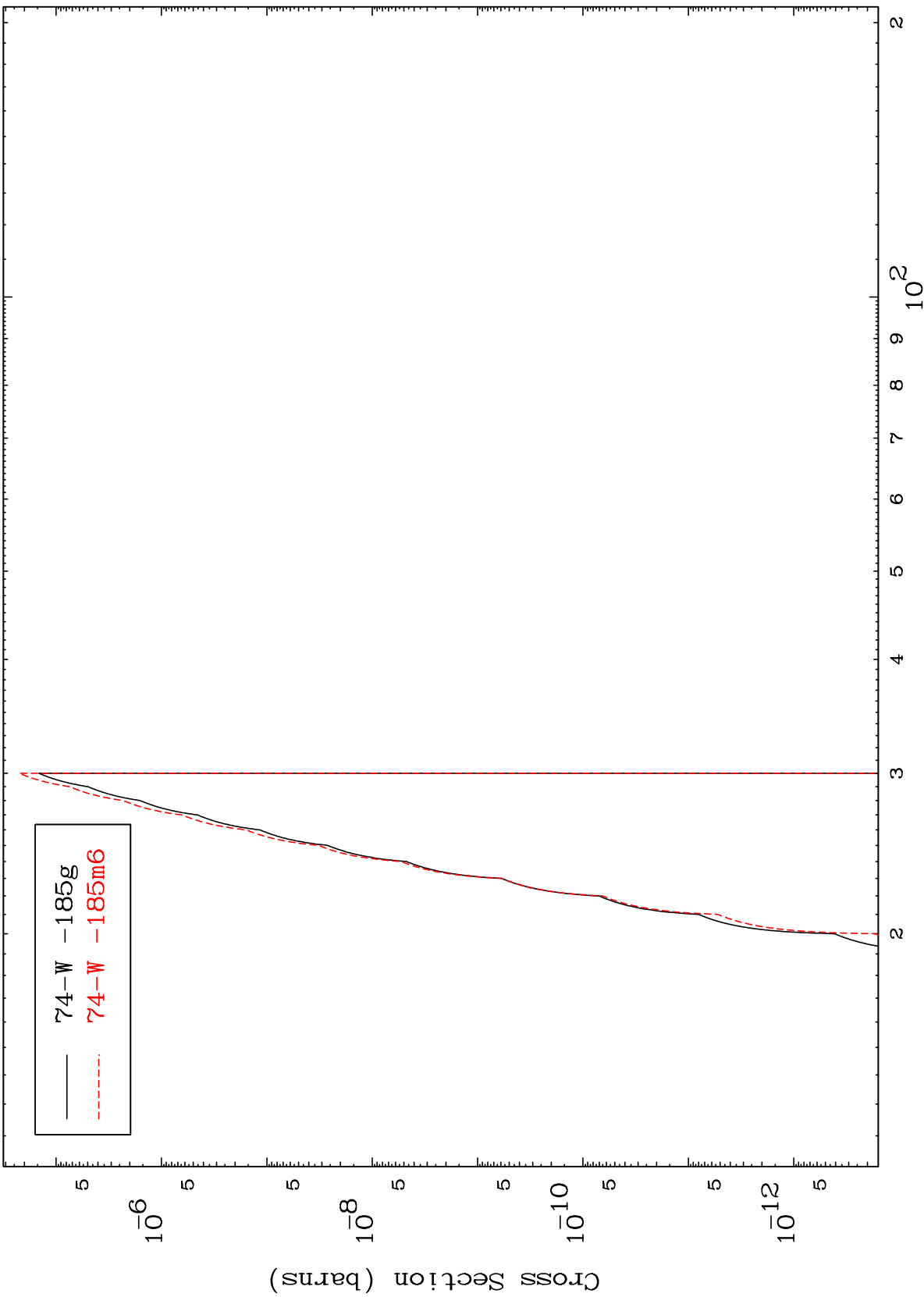


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(n,3n)  $\alpha$

76-0s-191m

Radionuclide Production Cross Section



Incident Energy (MeV)

76-0s-191m

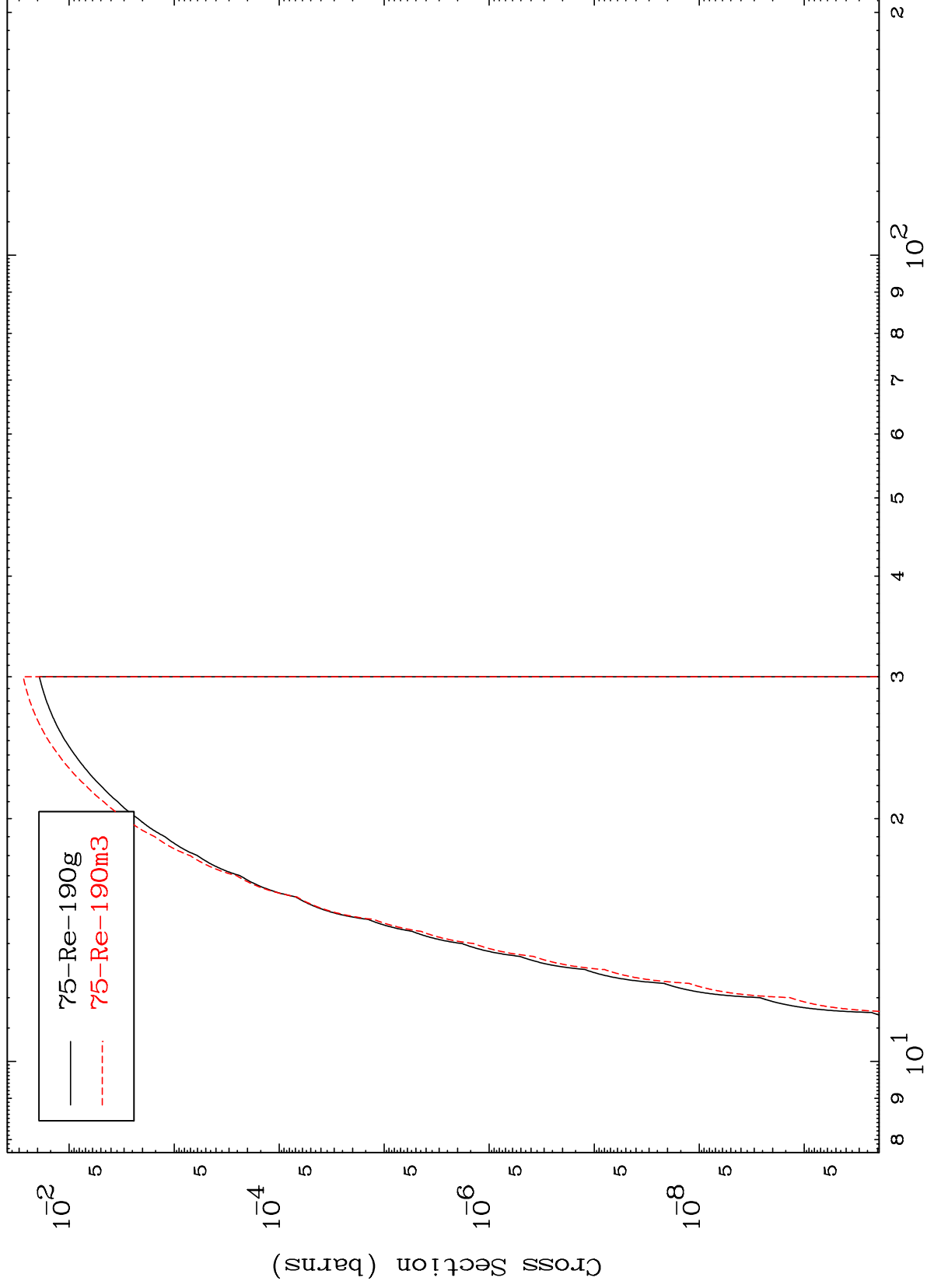


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(n,n') p

76-0s-191m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

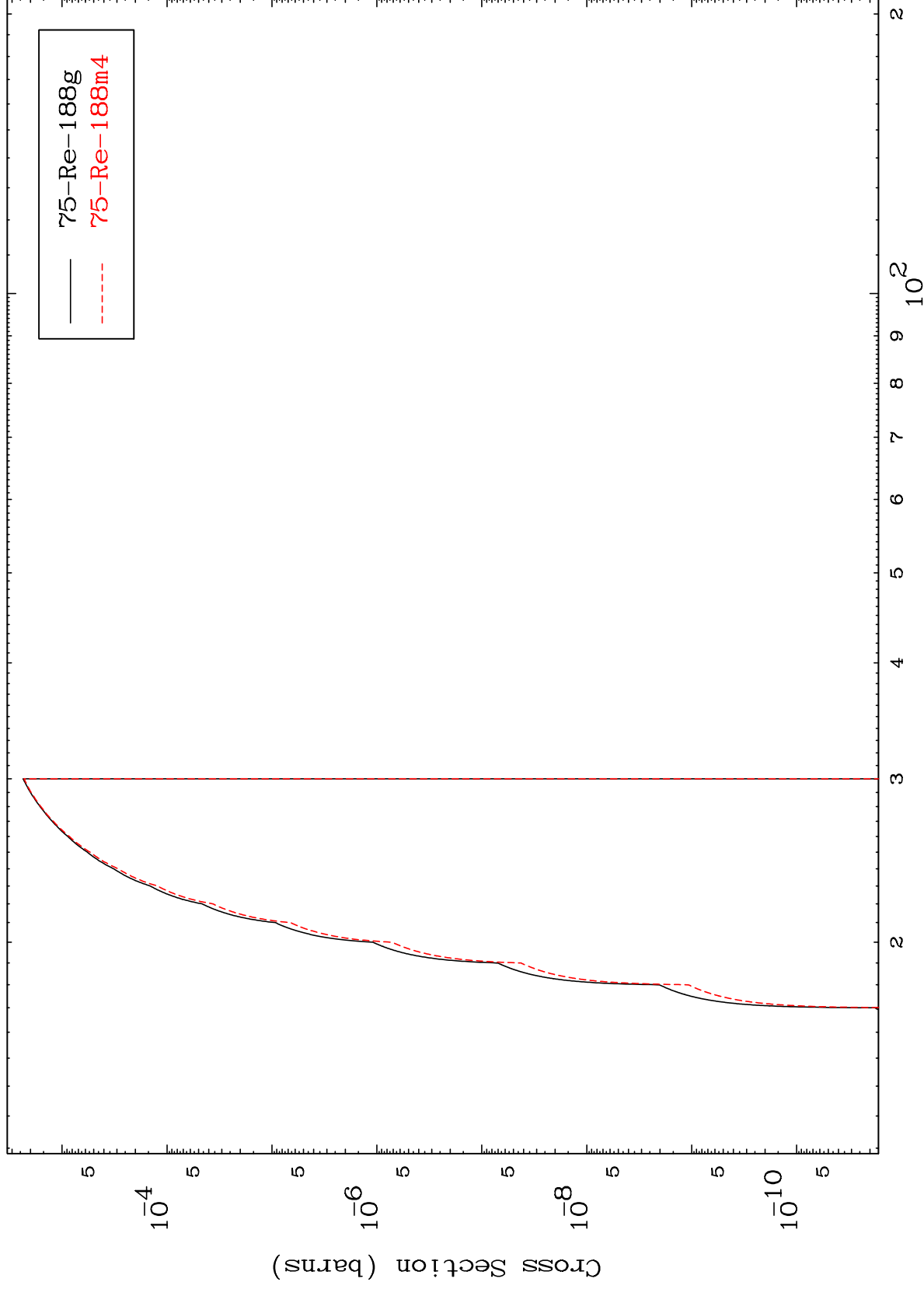
76-0s-191m

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(n,n') t

76-Os-191m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

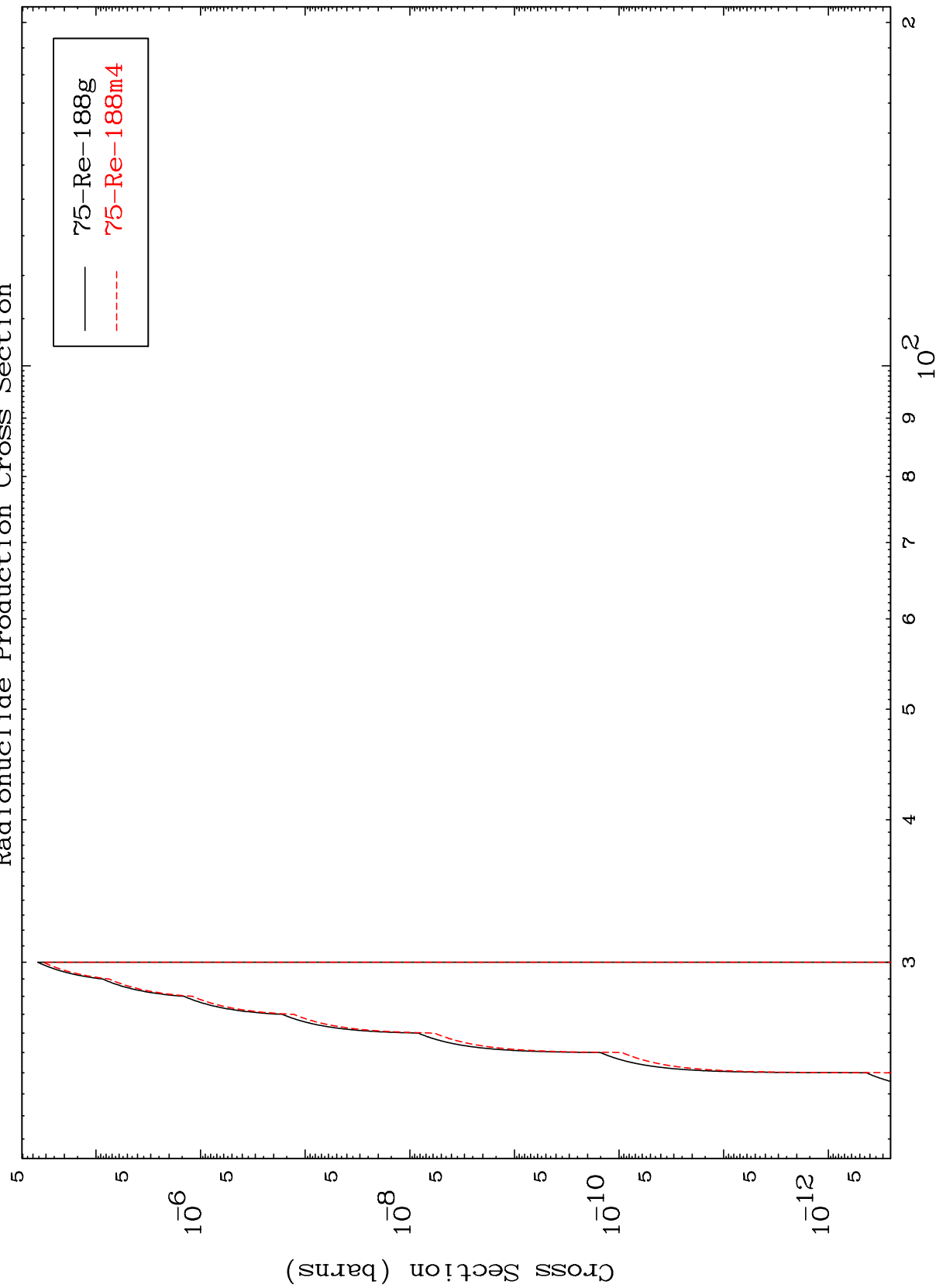
76-Os-191m

MAT 7647

(n,3n) p

76-Os-191m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

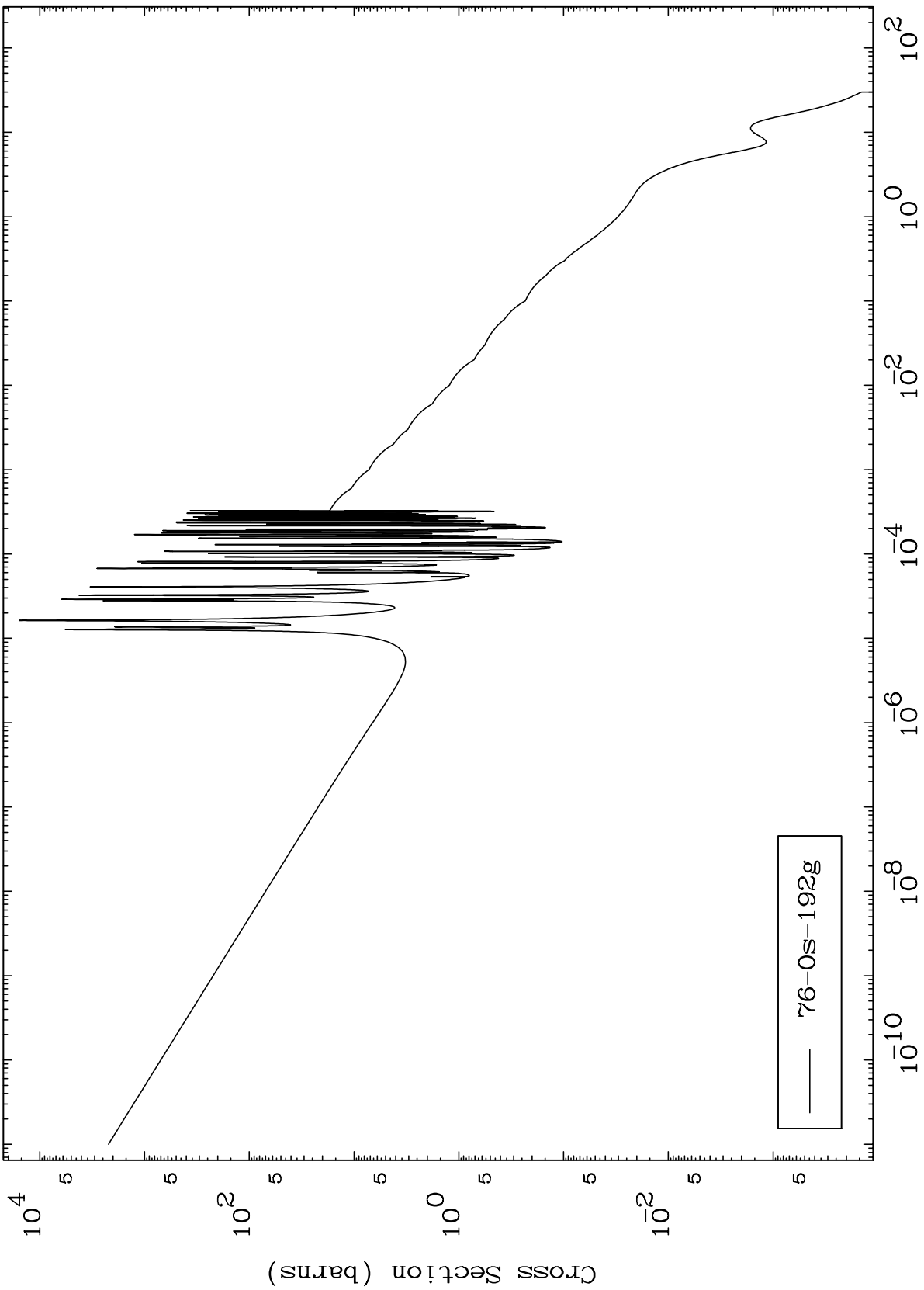
76-Os-191m

MAT 7647

76-0s-191m

Radionuclide Production Cross Section

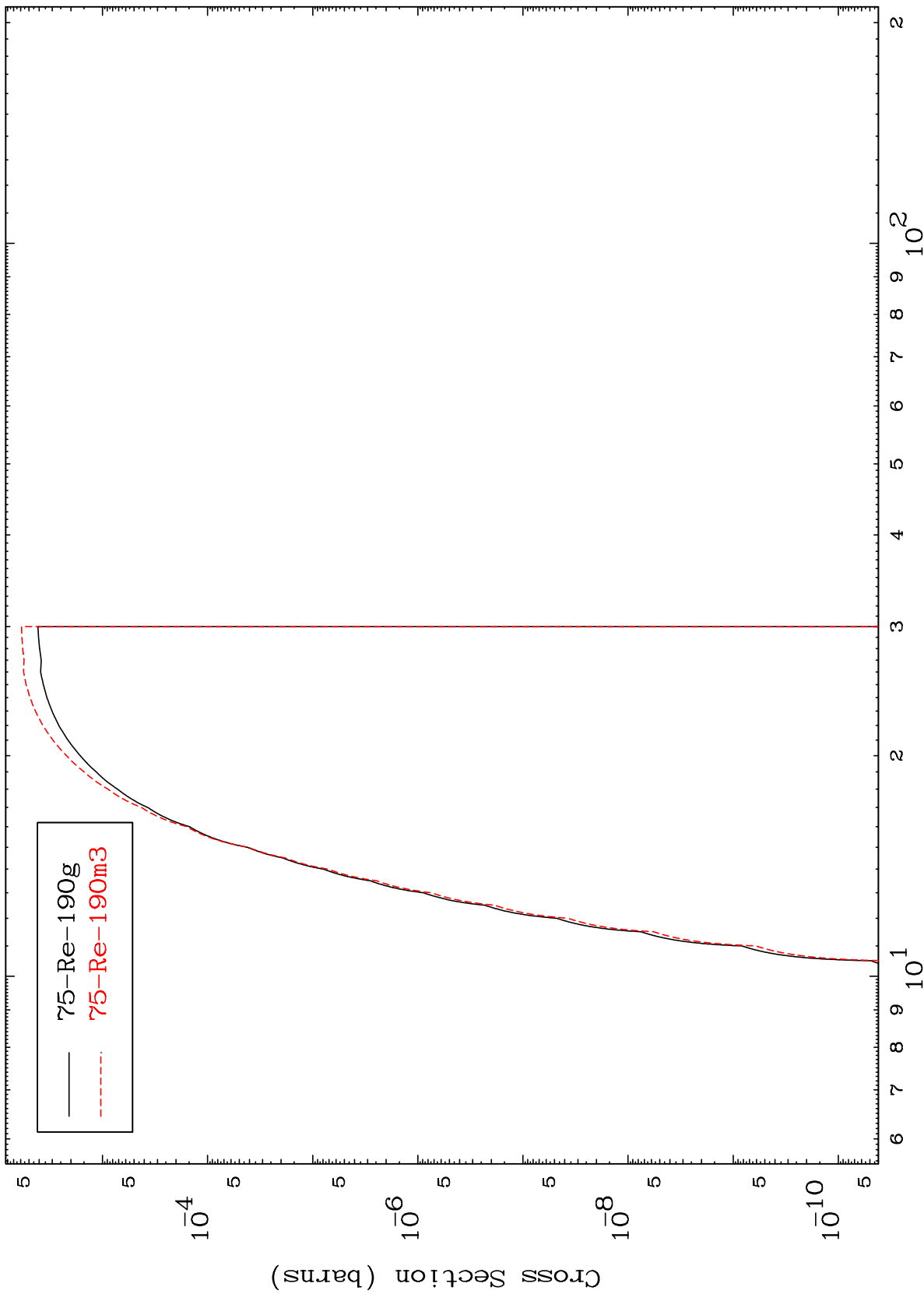
(n,  $\gamma$ )



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76-0s-191m

(n,d)  
Radionuclide Production Cross Section



76-0s-191m

Incident Energy (MeV)

28