

Program EVALPLOT  
(Version 2015-2)

by

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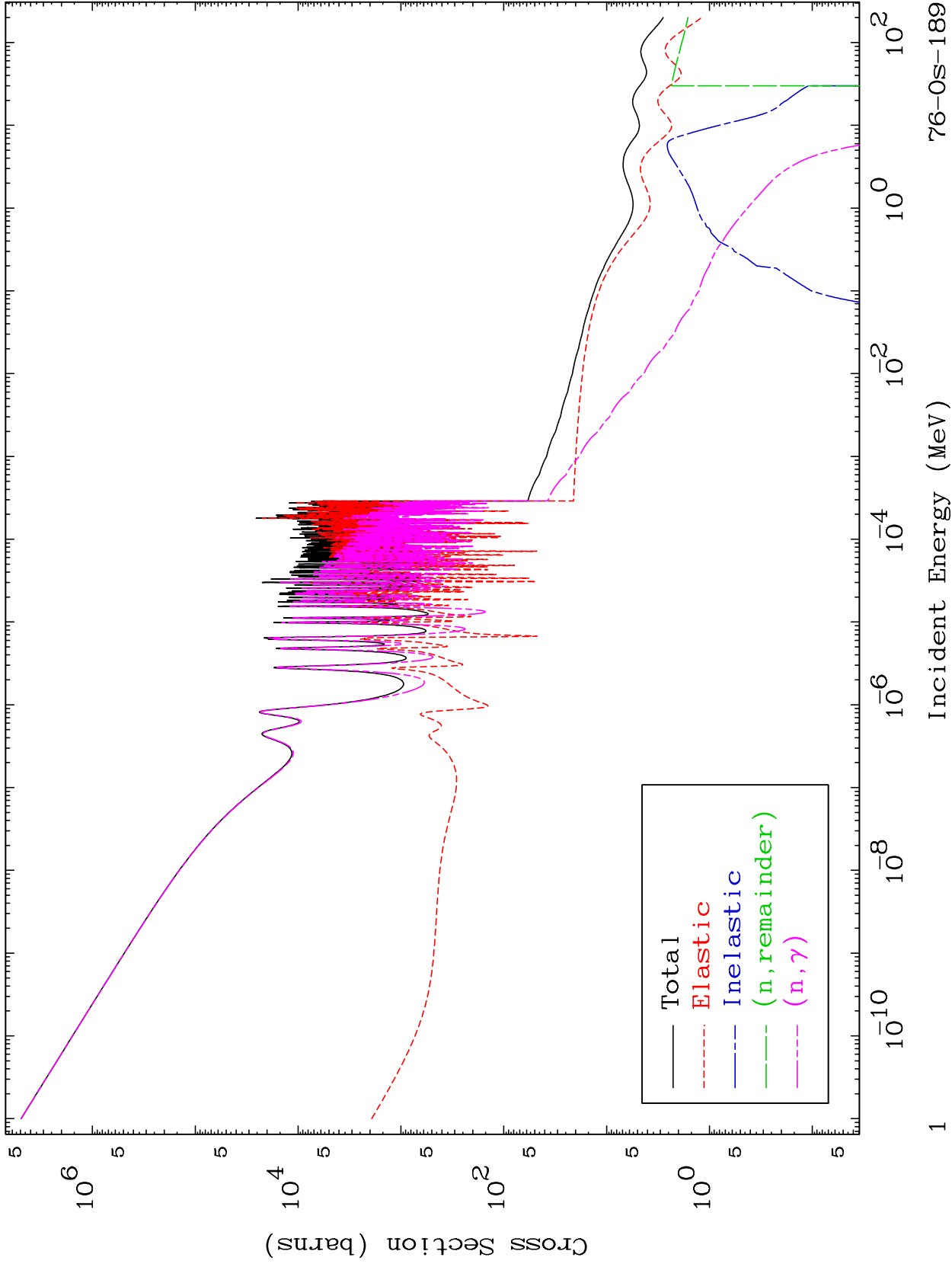
Press Mouse Button to Start

MAT 7641

Major

293 Kelvin Cross Sections

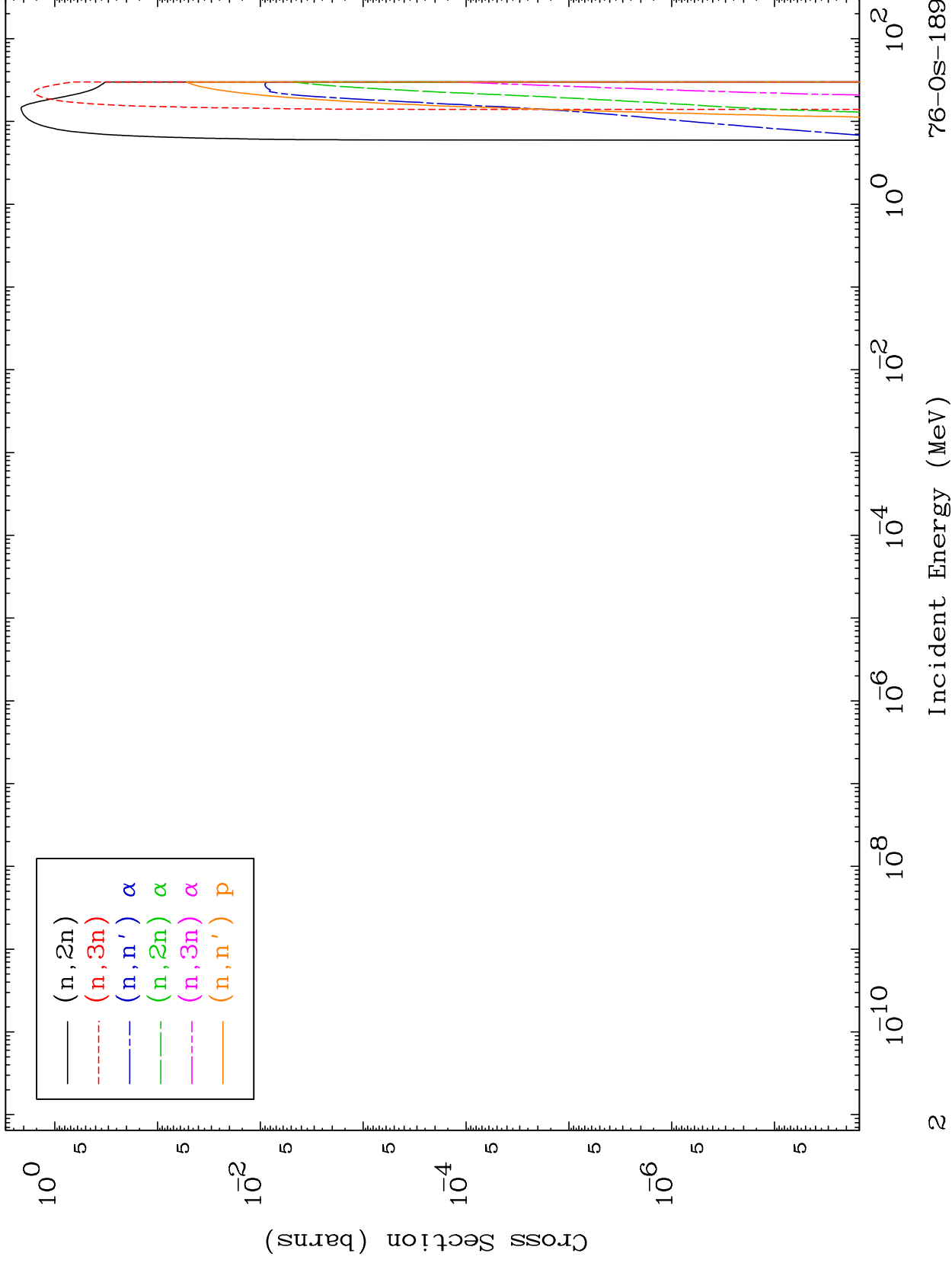
76-Os-189

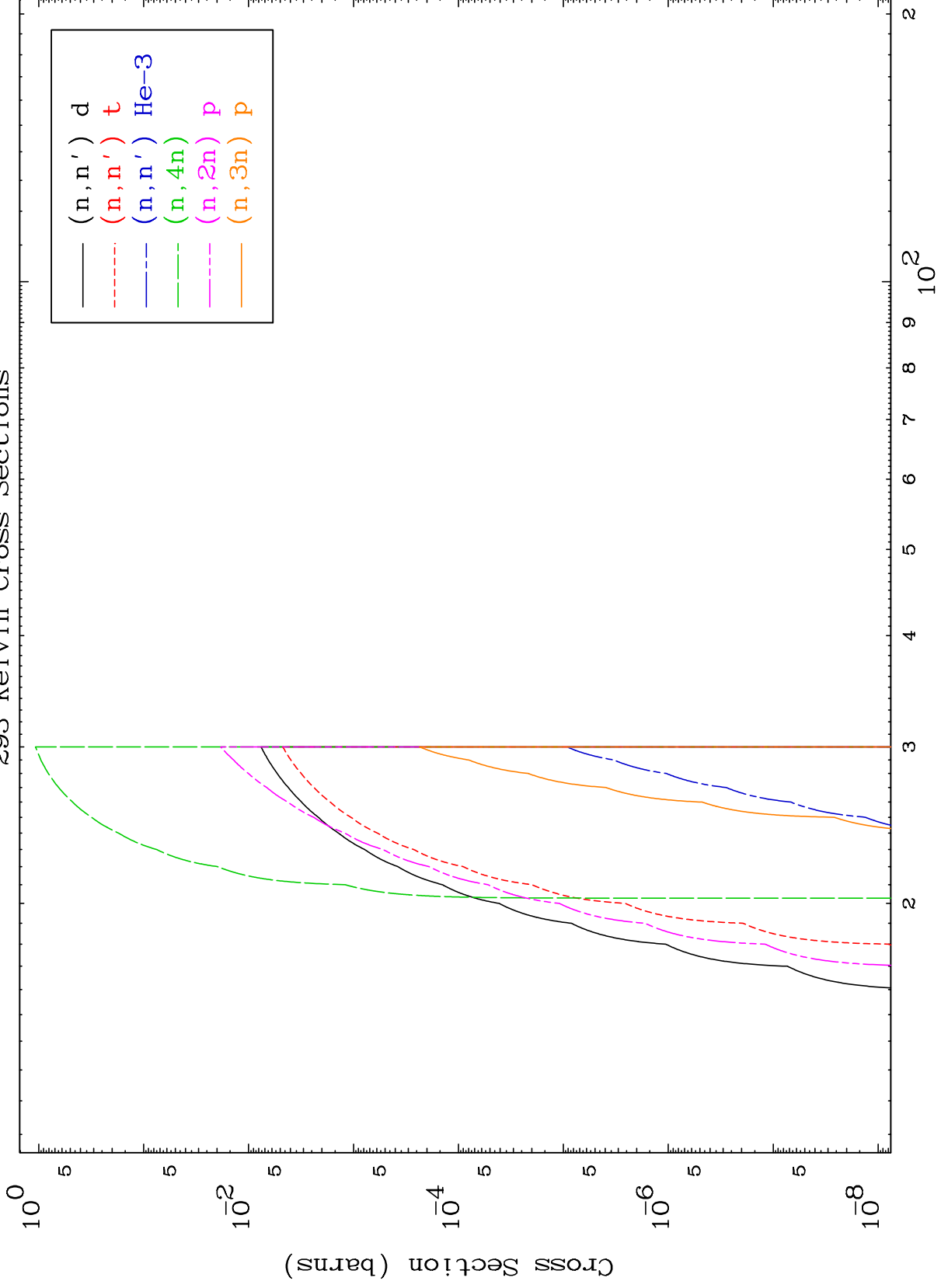


MAT 7641

Neutron Production  
293 Kelvin Cross Sections

76-Os-189

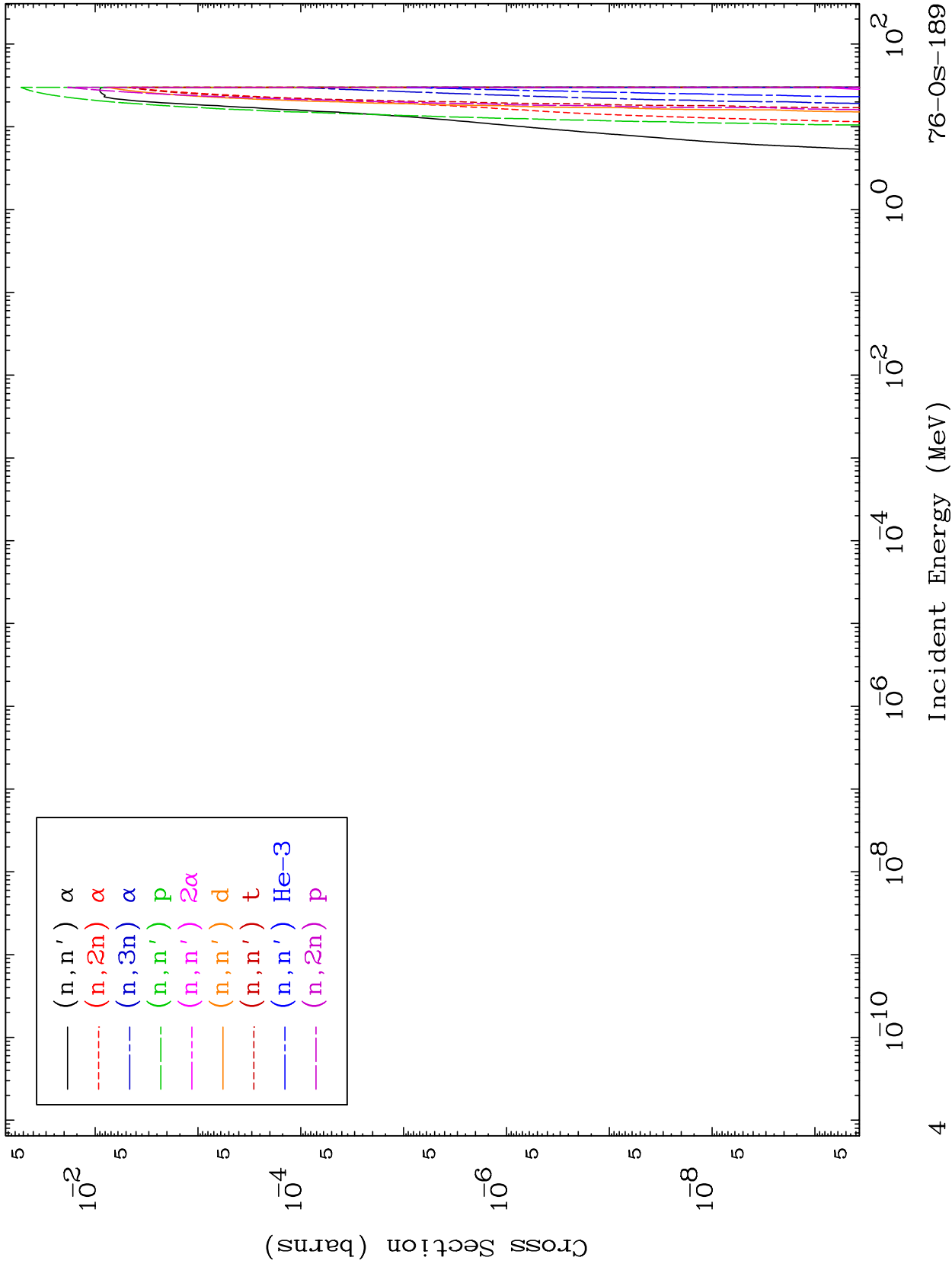




MAT 7641

Charged Particle  
293 Kelvin Cross Sections

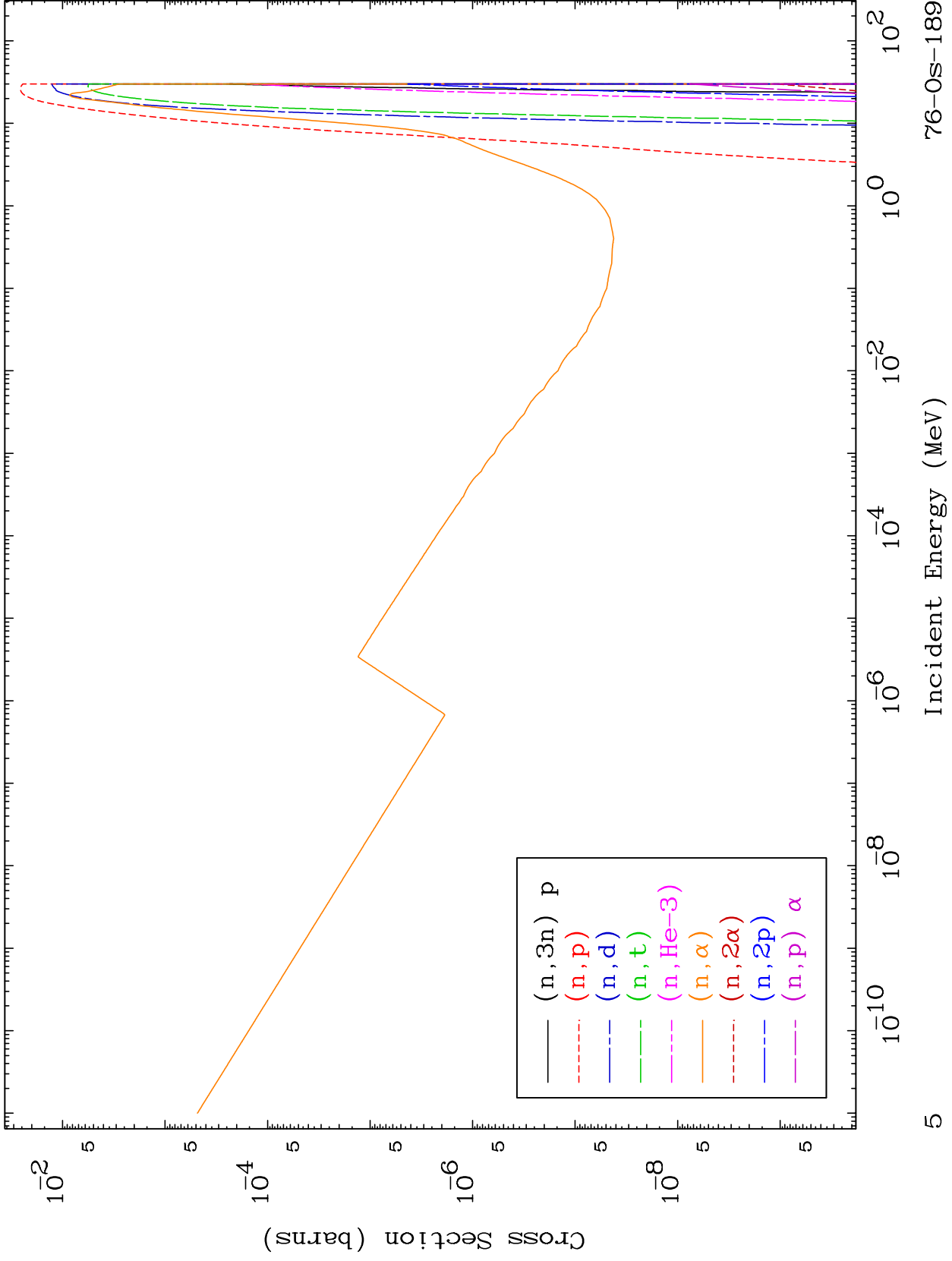
76-Os-189



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Charged Particle  
293 Kelvin Cross Sections

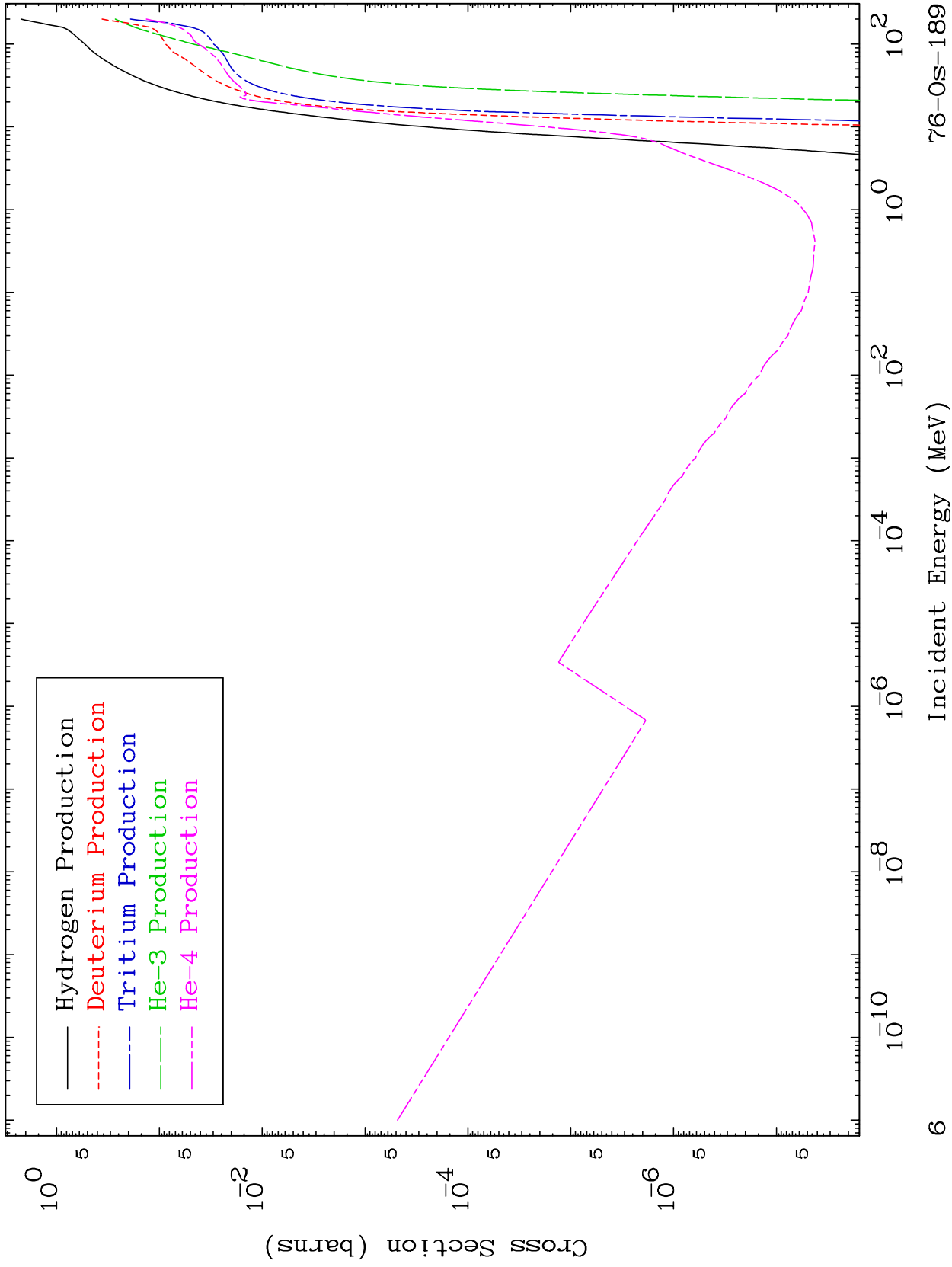
76-Os-189



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Particle Production  
293 Kelvin Cross Sections

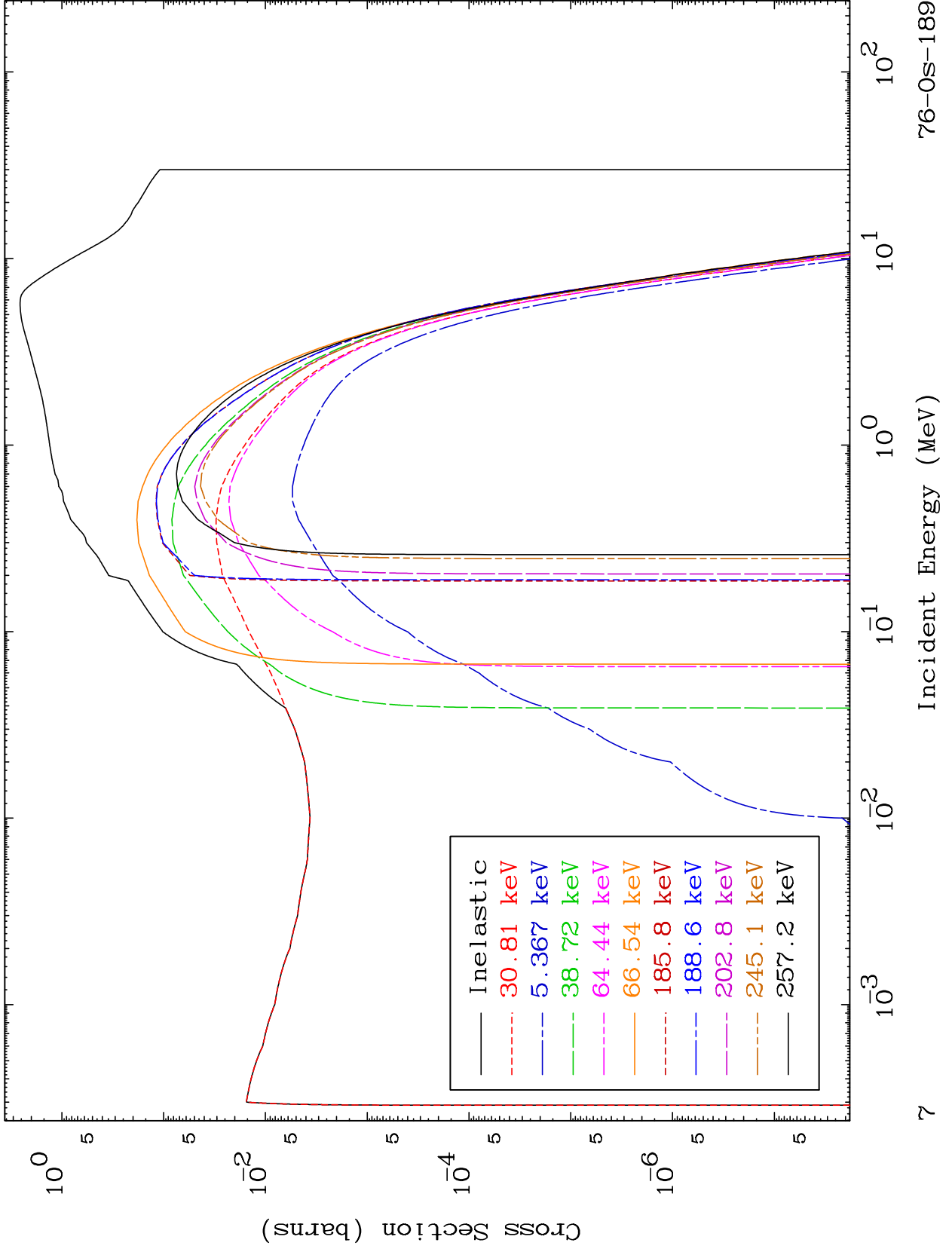
76-Os-189



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(n,n') Level  
293 Kelvin Cross Sections

76-Os-189

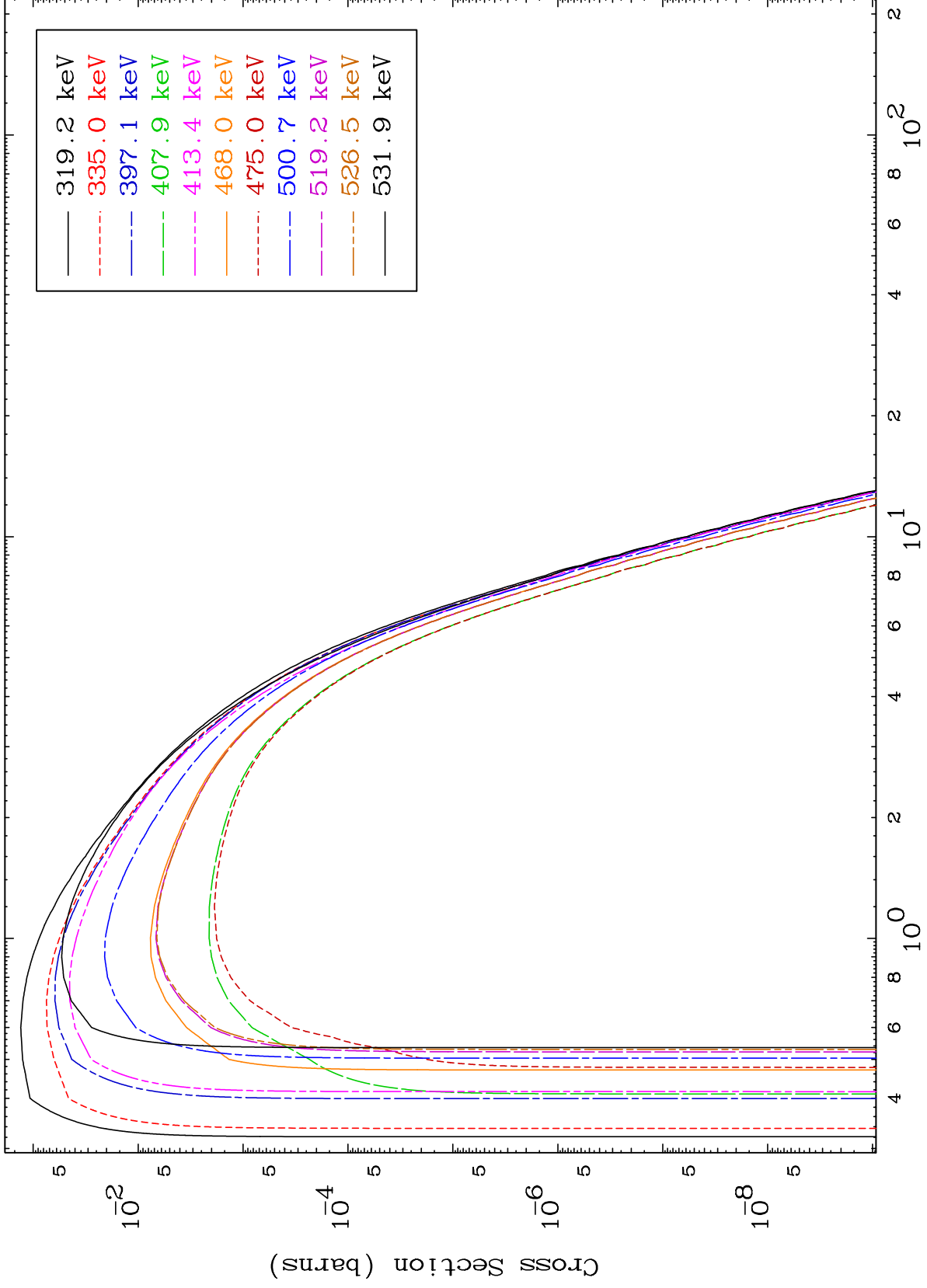




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(n,n') Level  
293 Kelvin Cross Sections

76-Os-189



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Incident Energy (MeV)

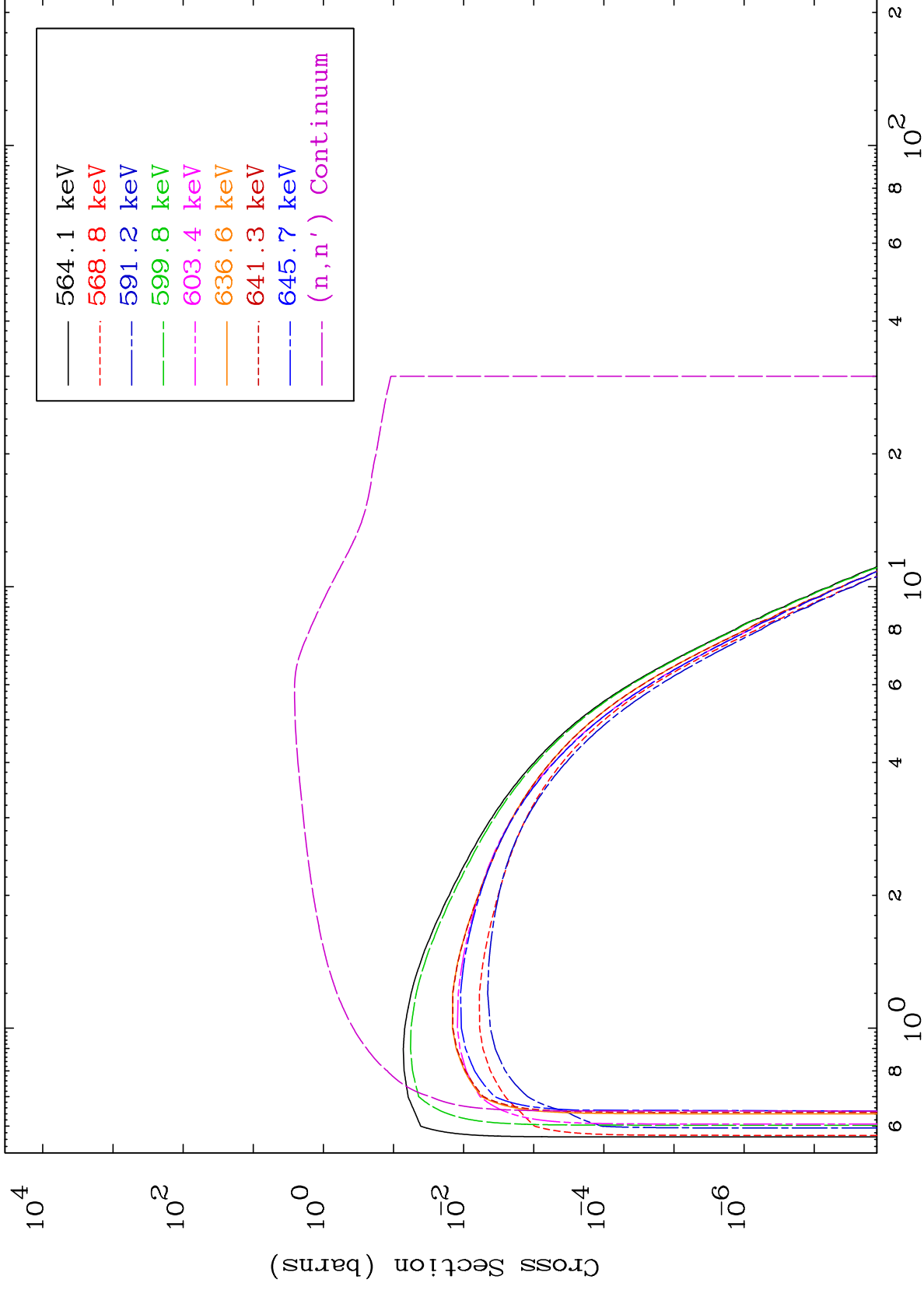
76-Os-189

MAT 7641

(n,n') Level

76-Os-189

293 Kelvin Cross Sections

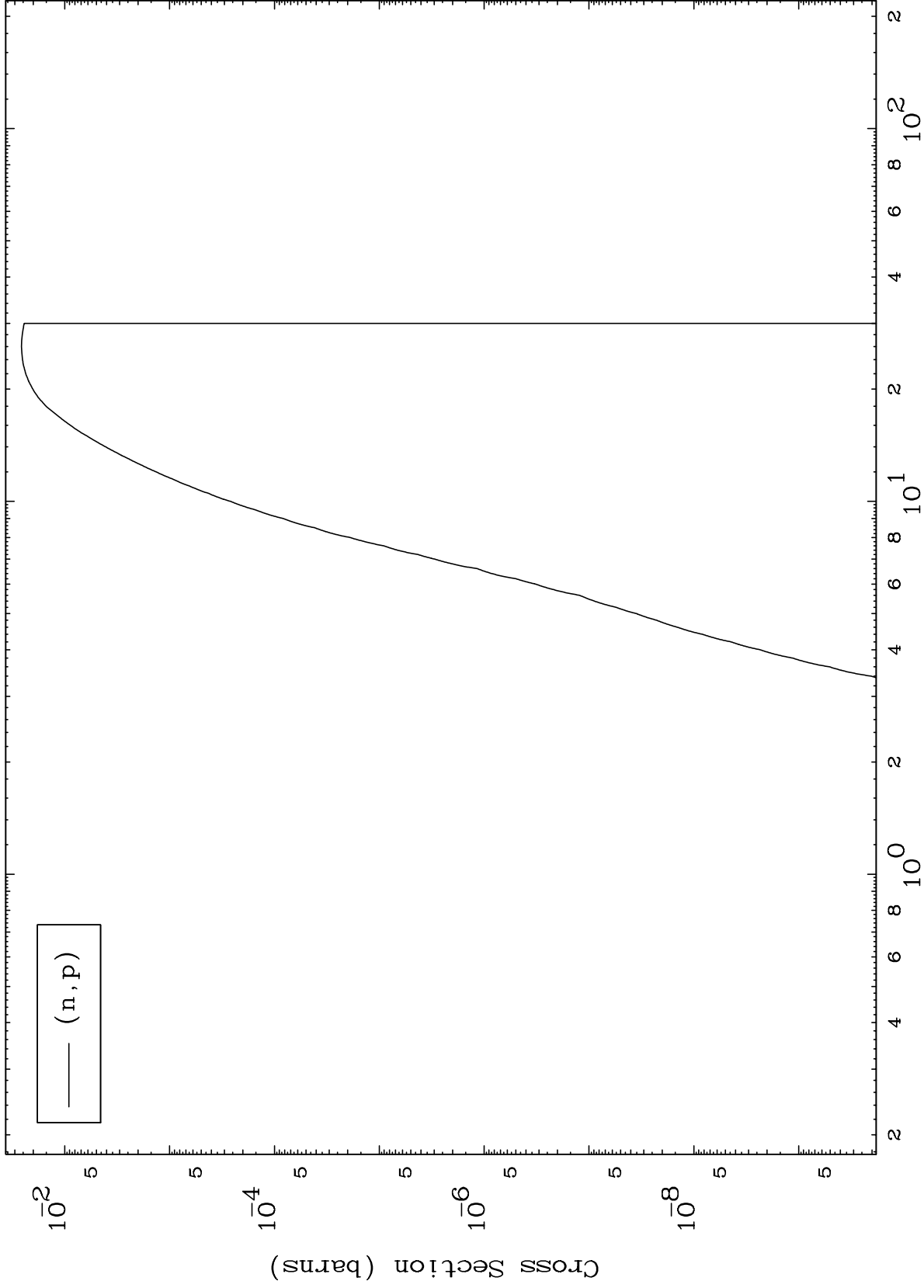


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(n,p) Levels  
293 Kelvin Cross Sections

76-Os-189



10

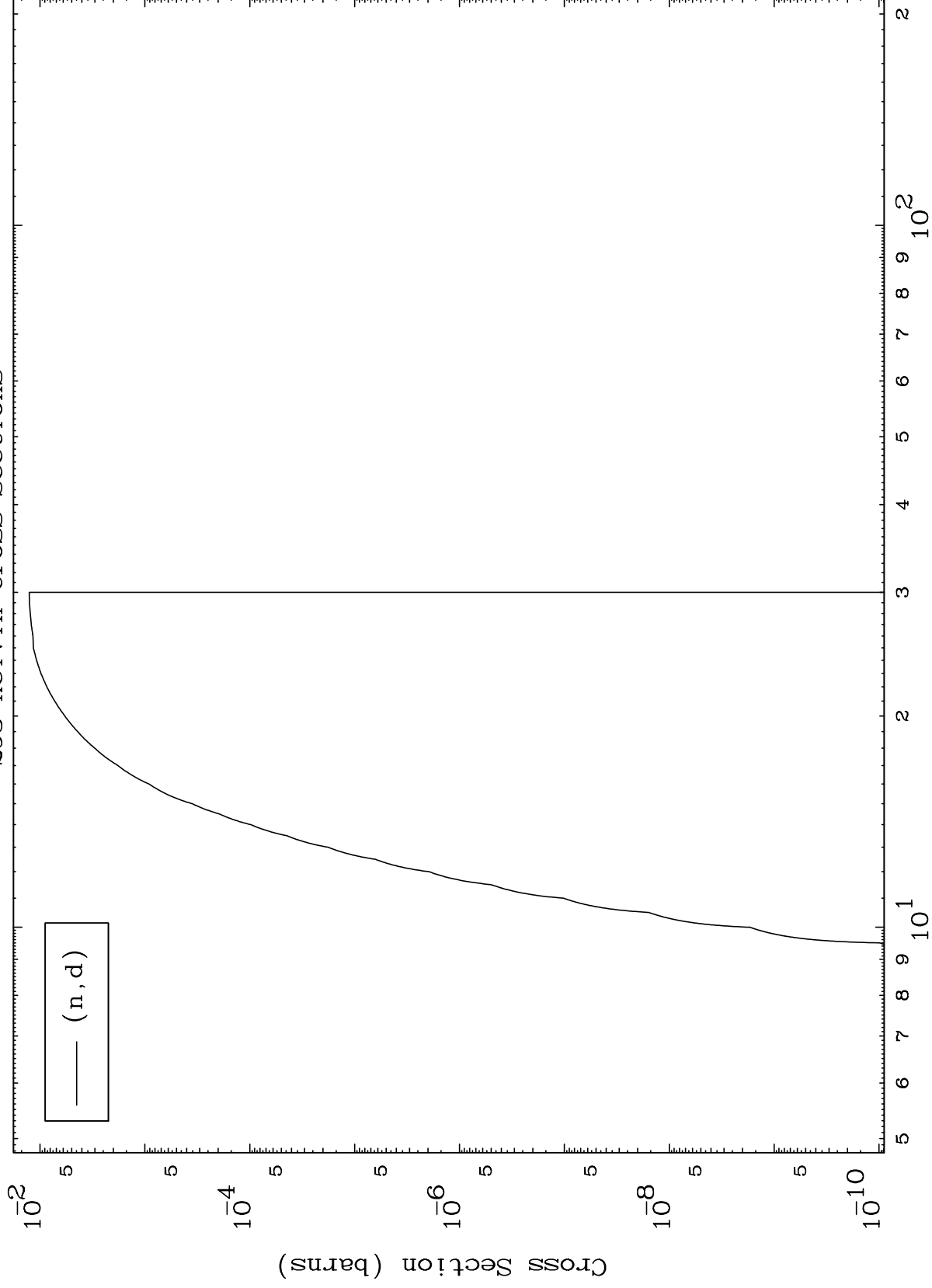
Incident Energy (MeV)

76-Os-189

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(n,d) Levels  
293 Kelvin Cross Sections

76-Os-189



11

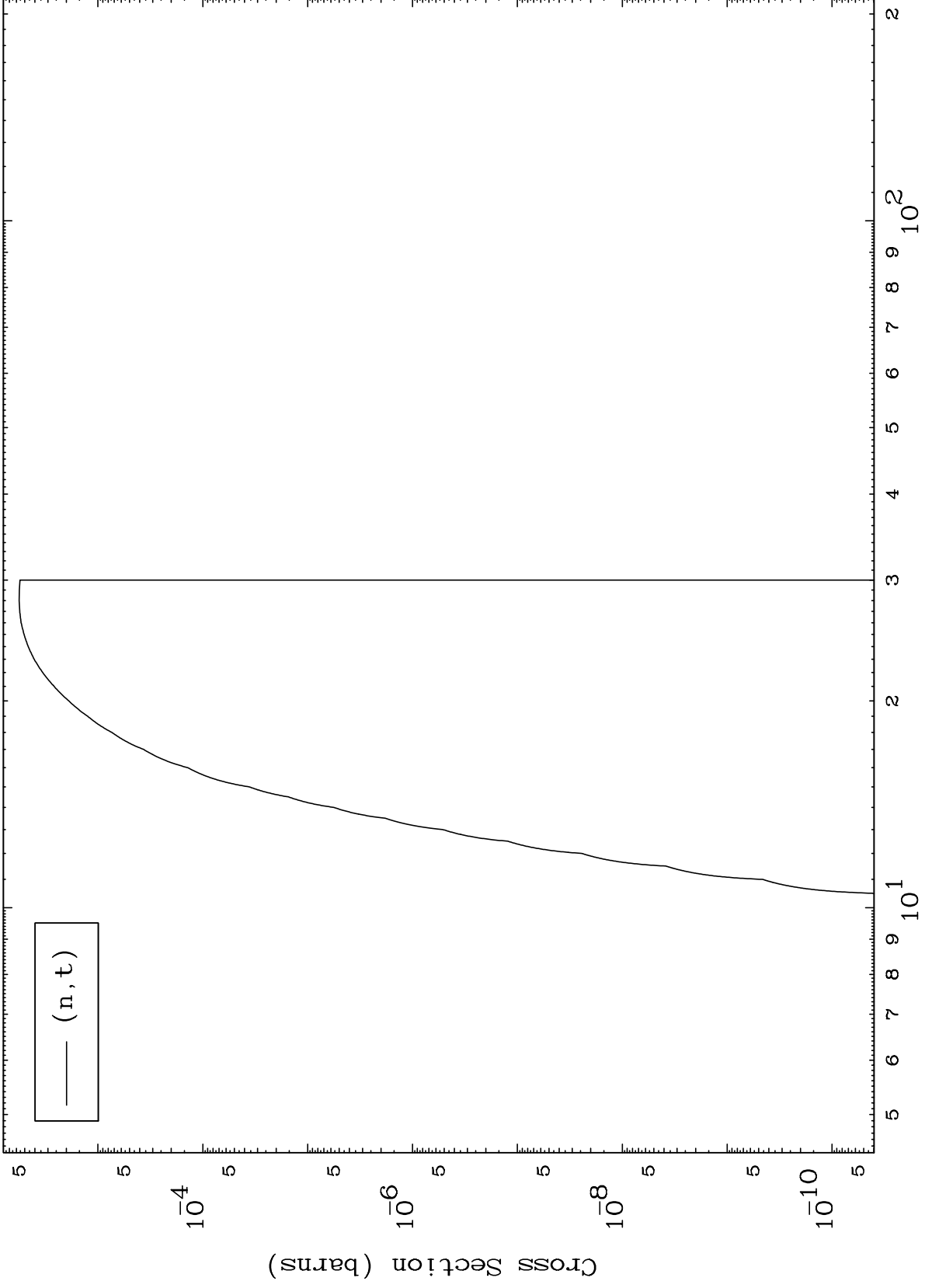
Incident Energy (MeV)

76-Os-189

MAT 7641

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-189



(n,t)

12

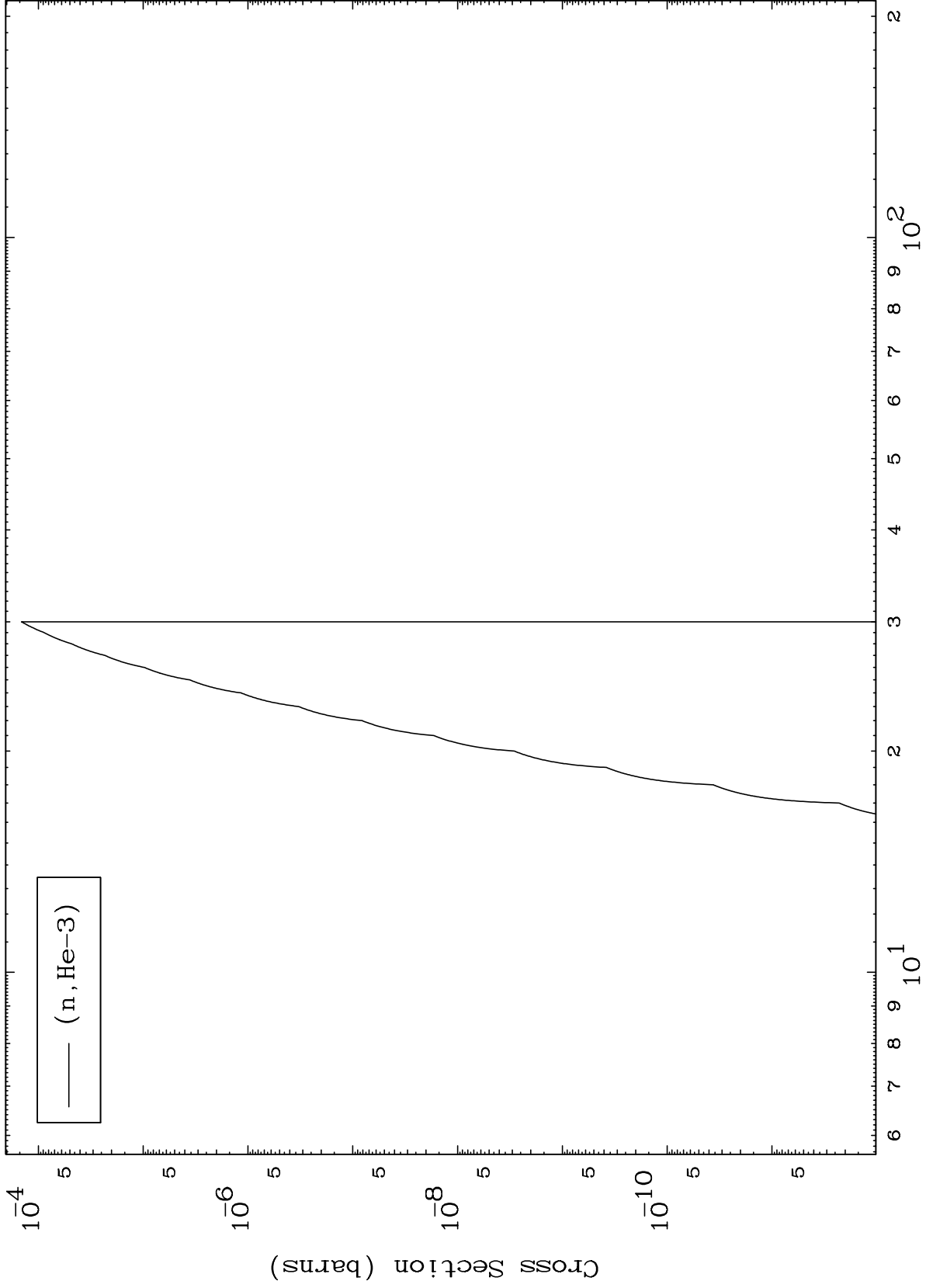
Incident Energy (MeV)

76-Os-189

MAT 7641

(n,He3) Levels  
293 Kelvin Cross Sections

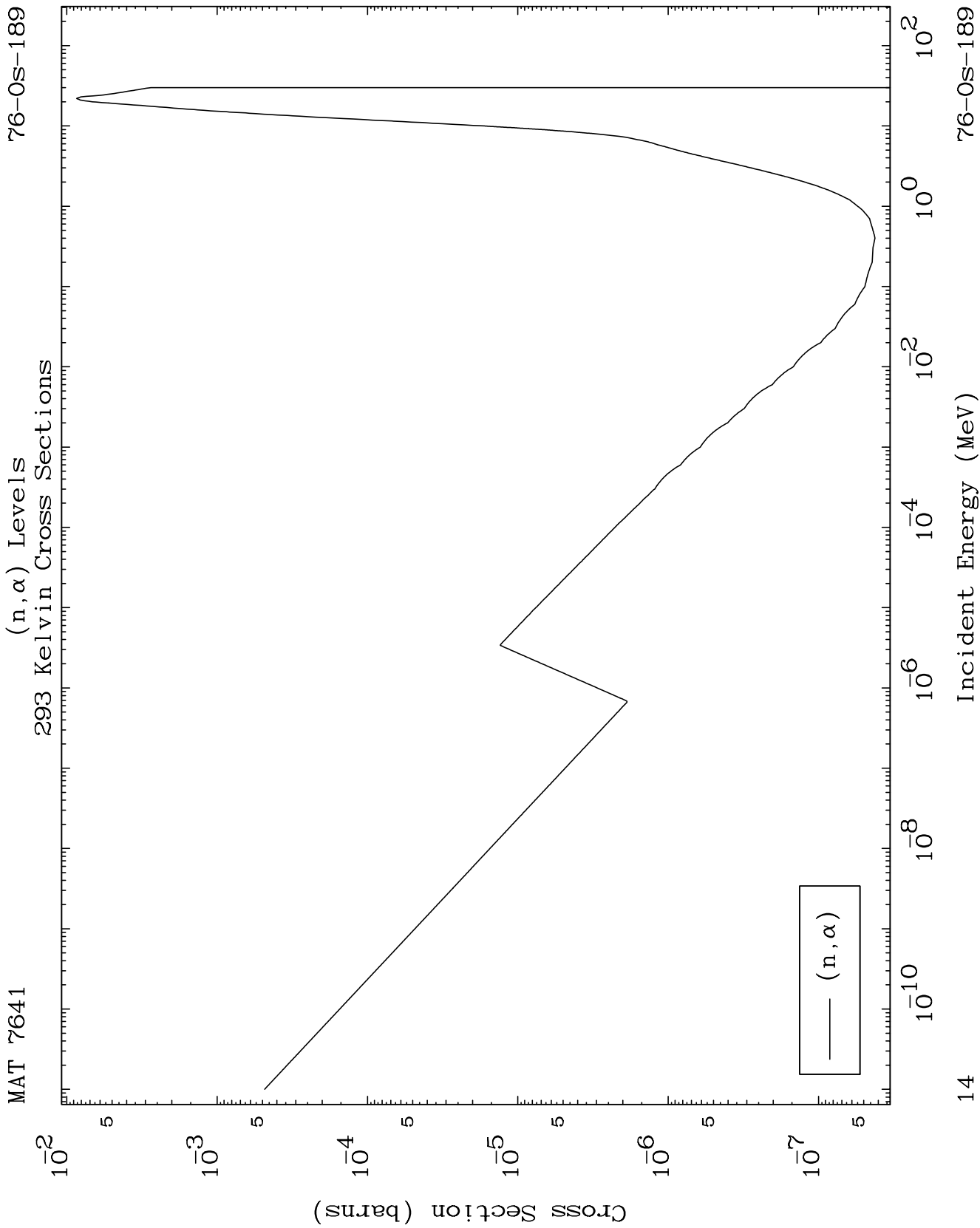
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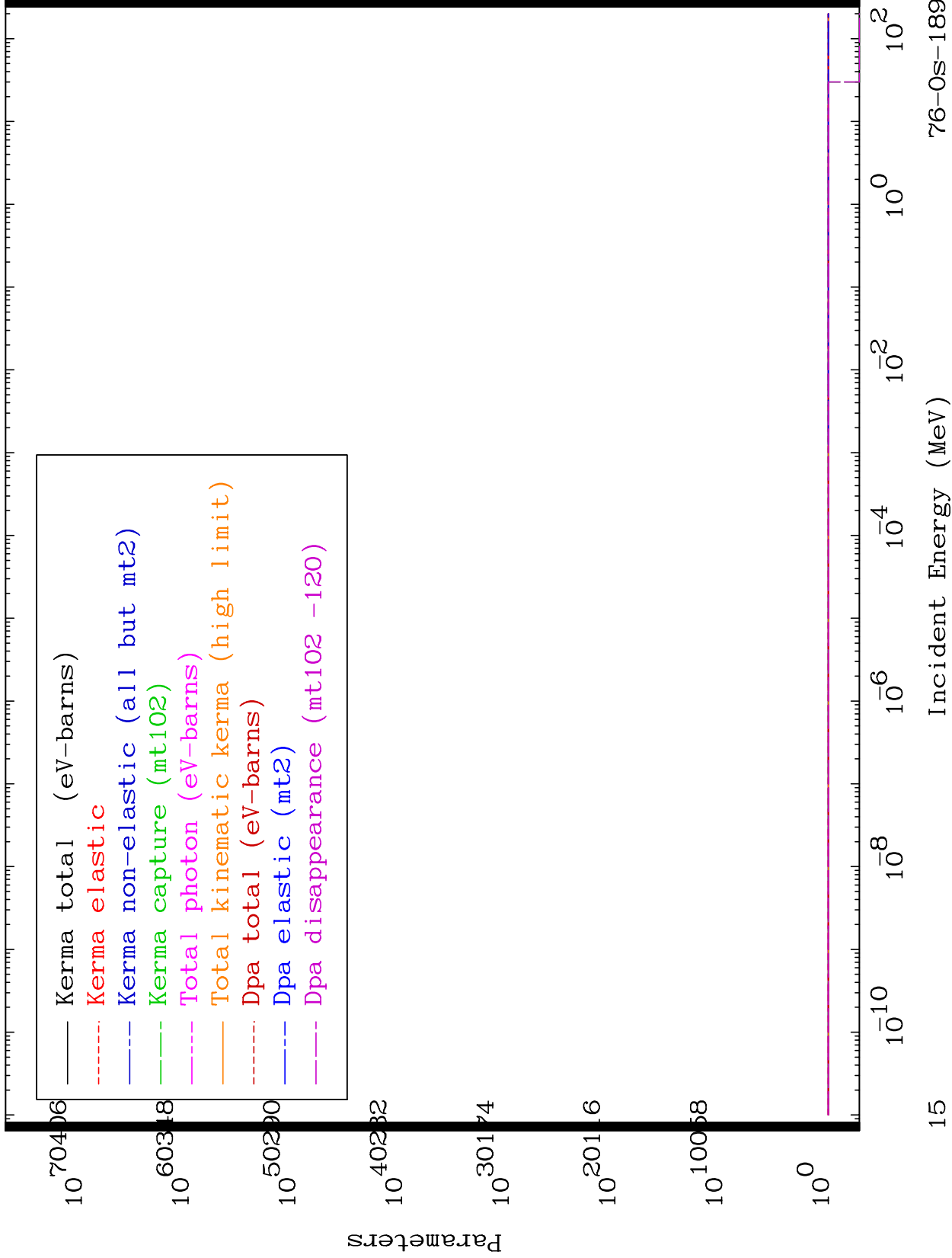


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Incident Energy (MeV)

76-Os-189





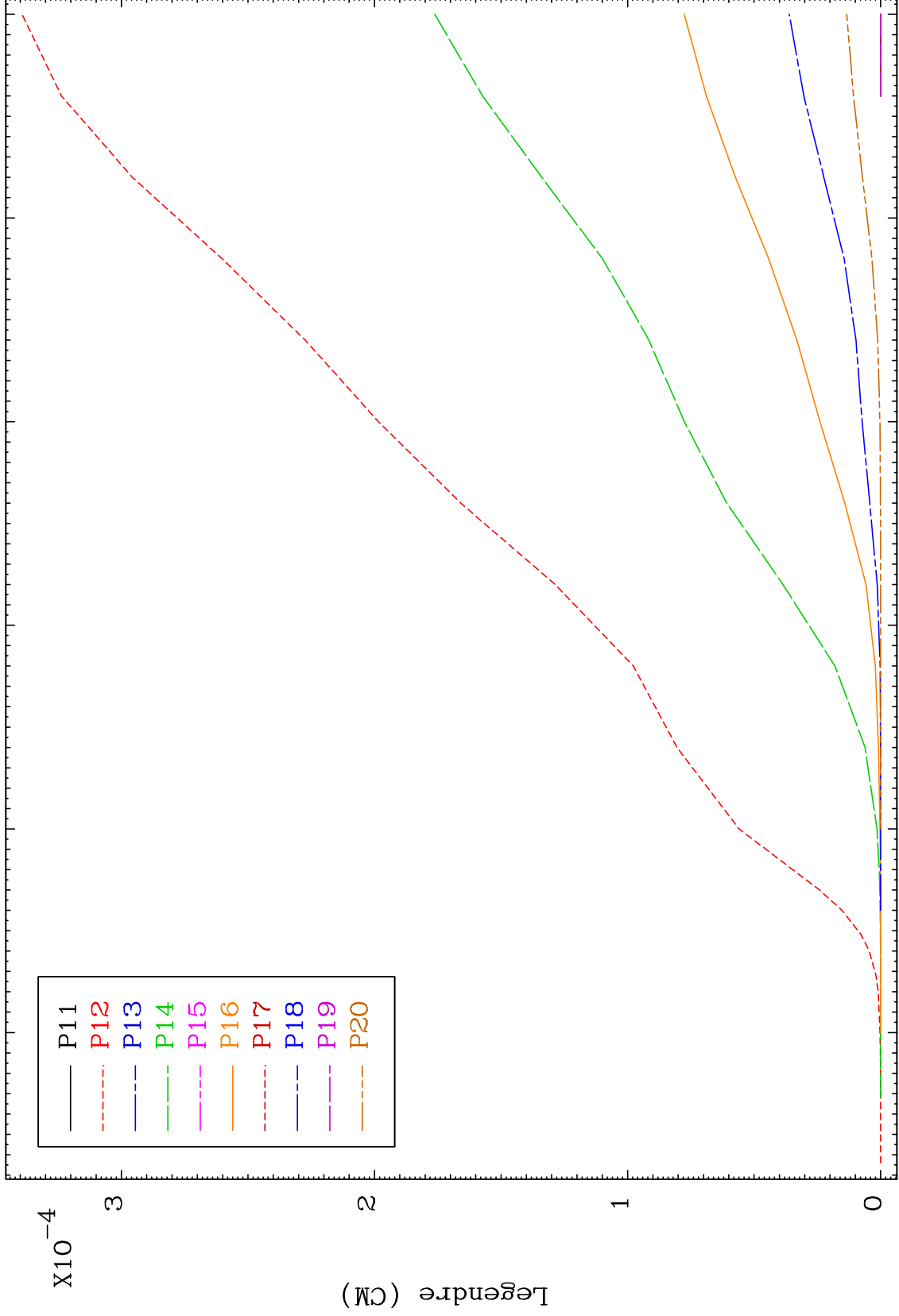




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Elastic  
Legendre Coefficients

76-Os-189



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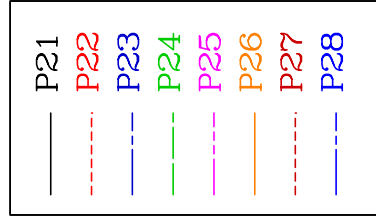
Incident Energy (MeV)

76-Os-189

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Elastic  
Legendre Coefficients

76-0s-189



$\times 10^{-6}$   
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

25

30

18

Incident Energy (MeV)

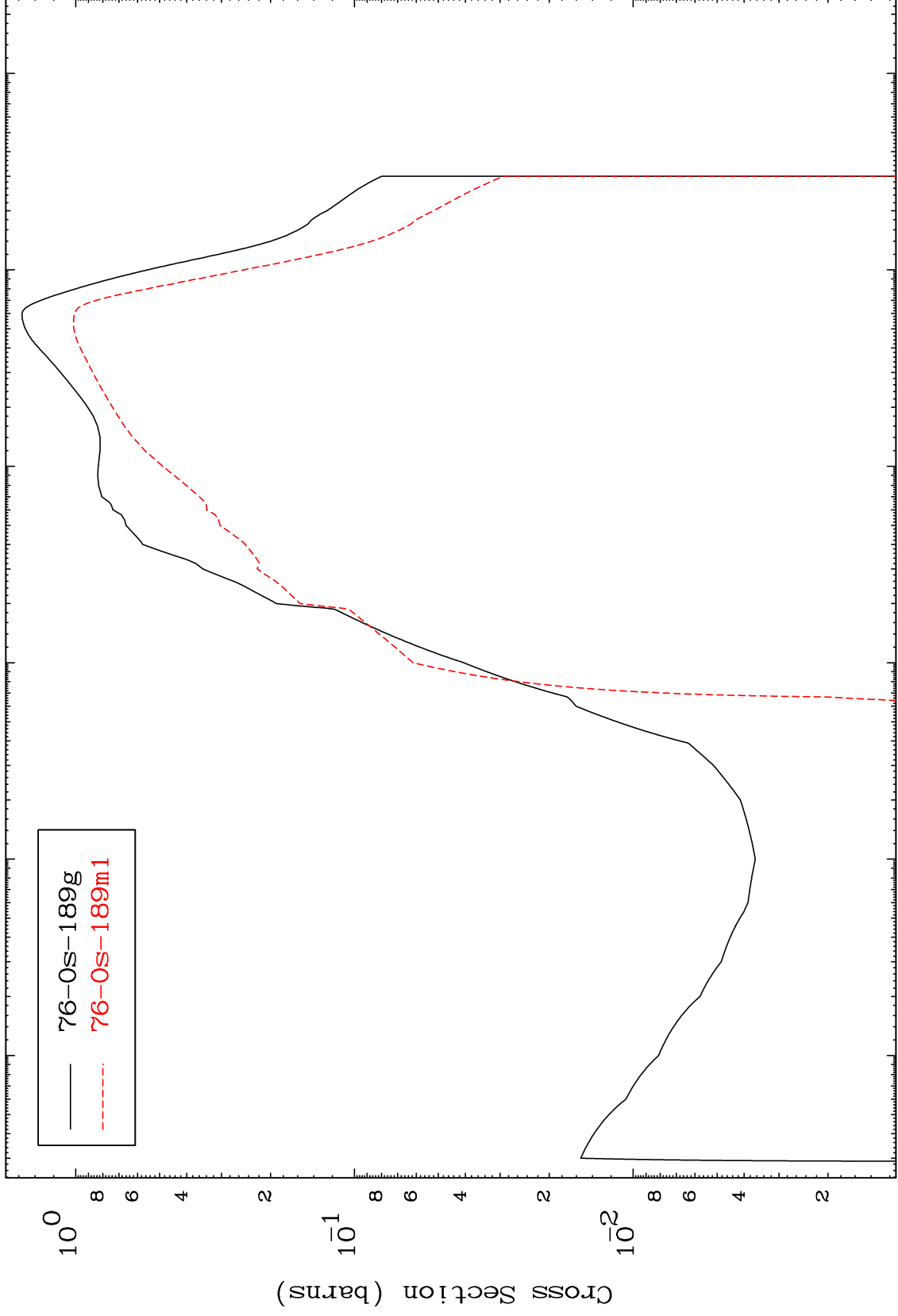
76-0s-189



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76-Os-189

Inelastic  
Radionuclide Production Cross Section



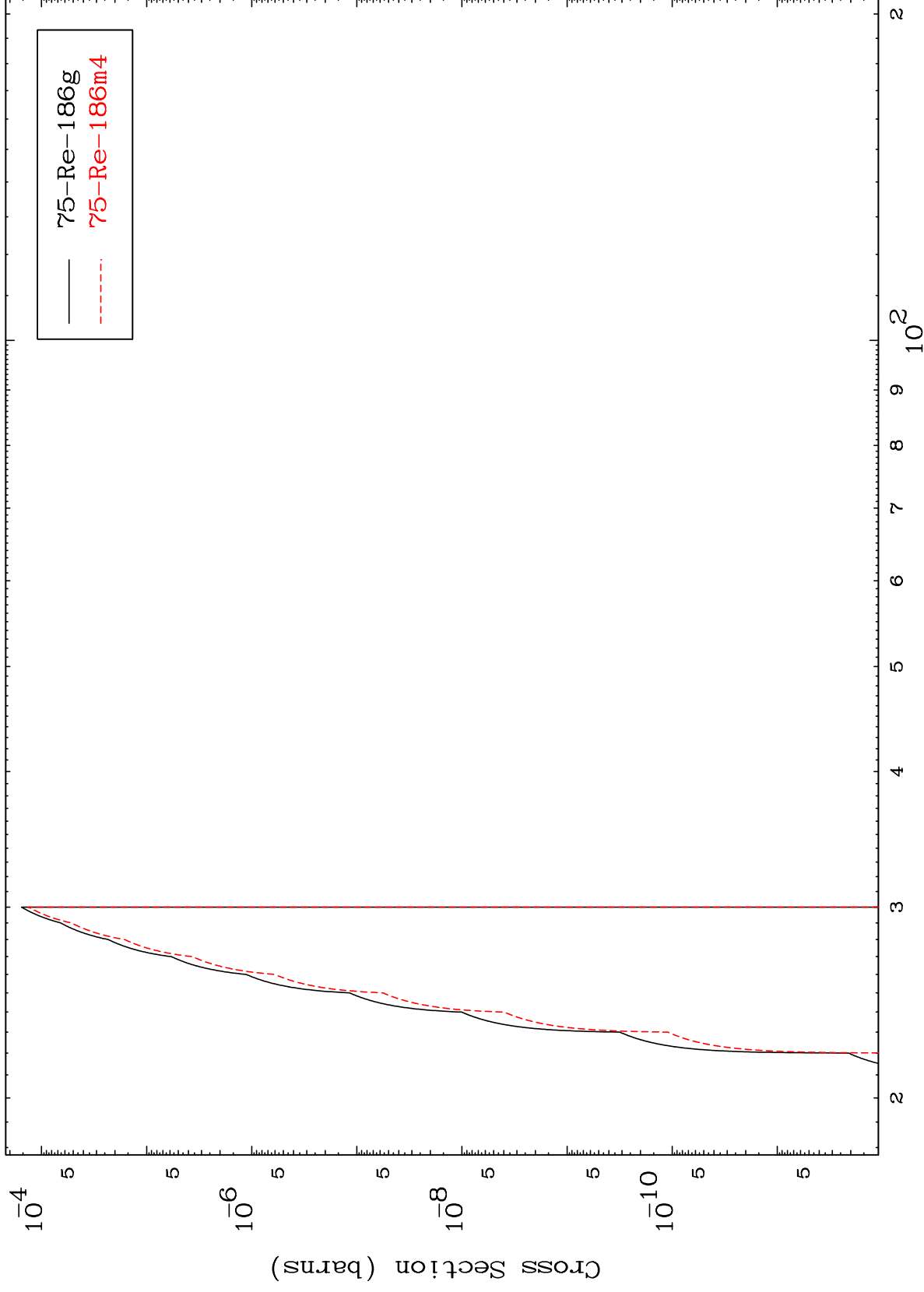
— 76-Os-189g  
- - - 76-Os-189m1

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(n,2n) d

76-Os-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

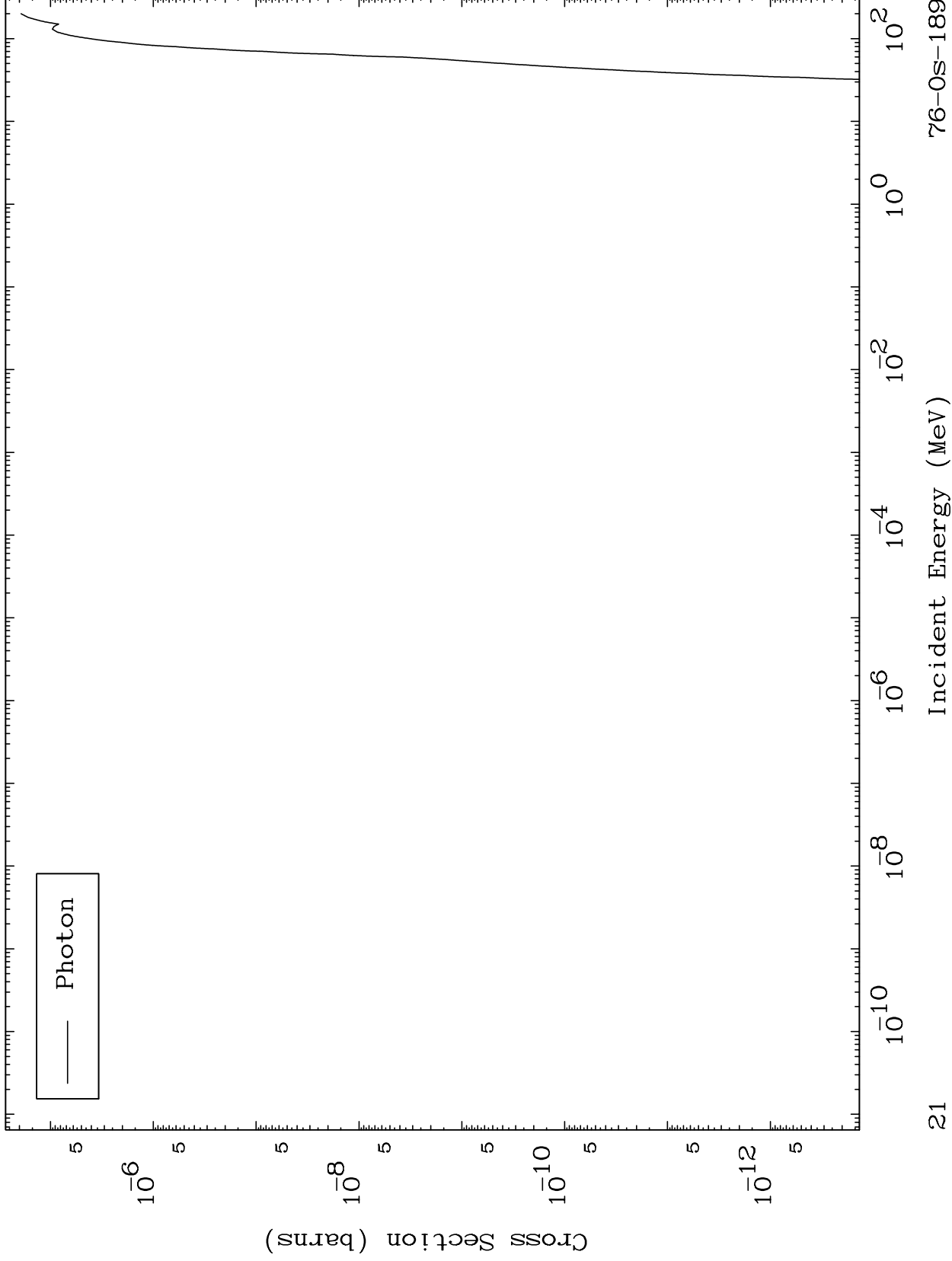
76-Os-189

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Fission

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Radionuclide Production Cross Section

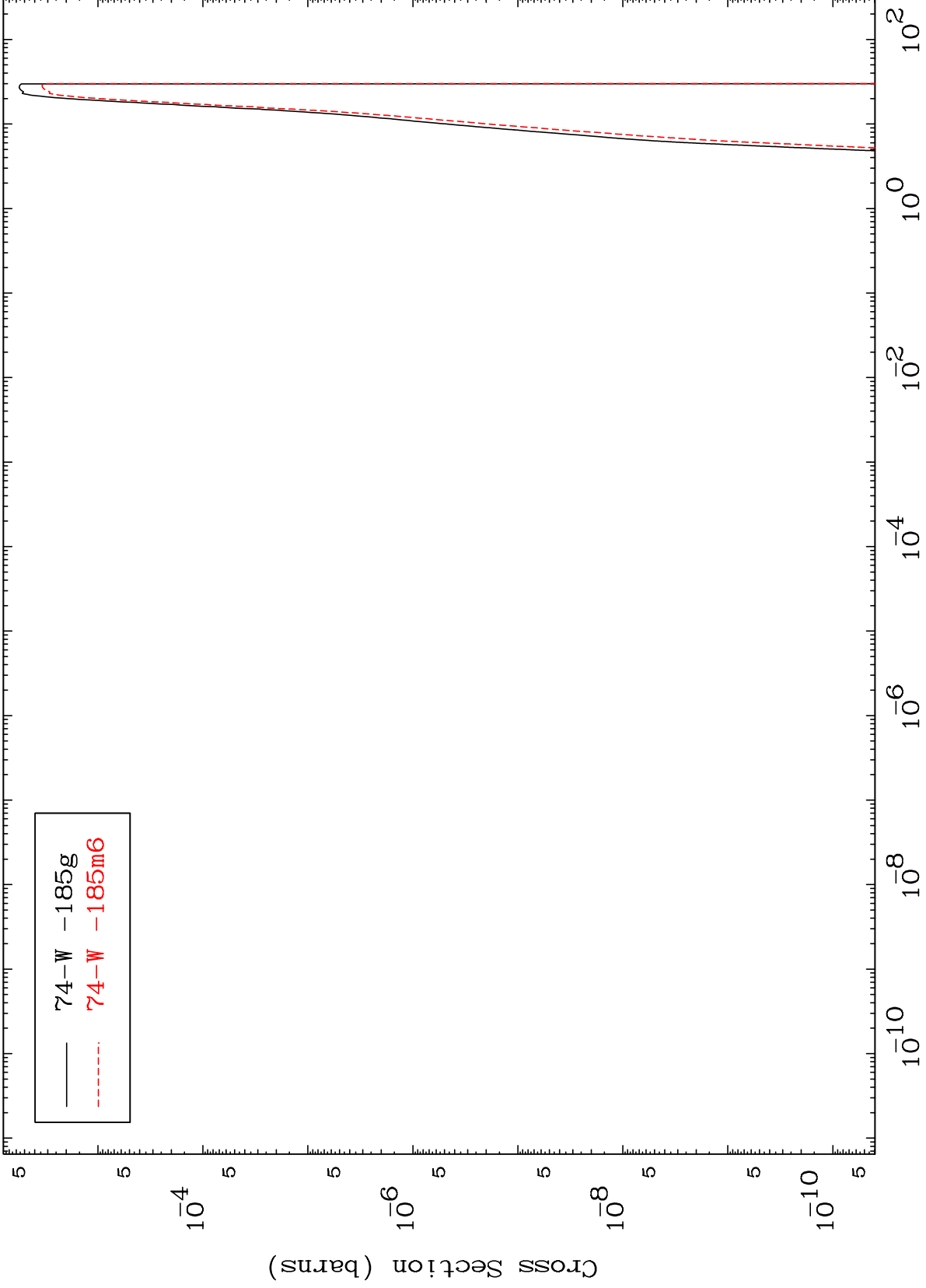


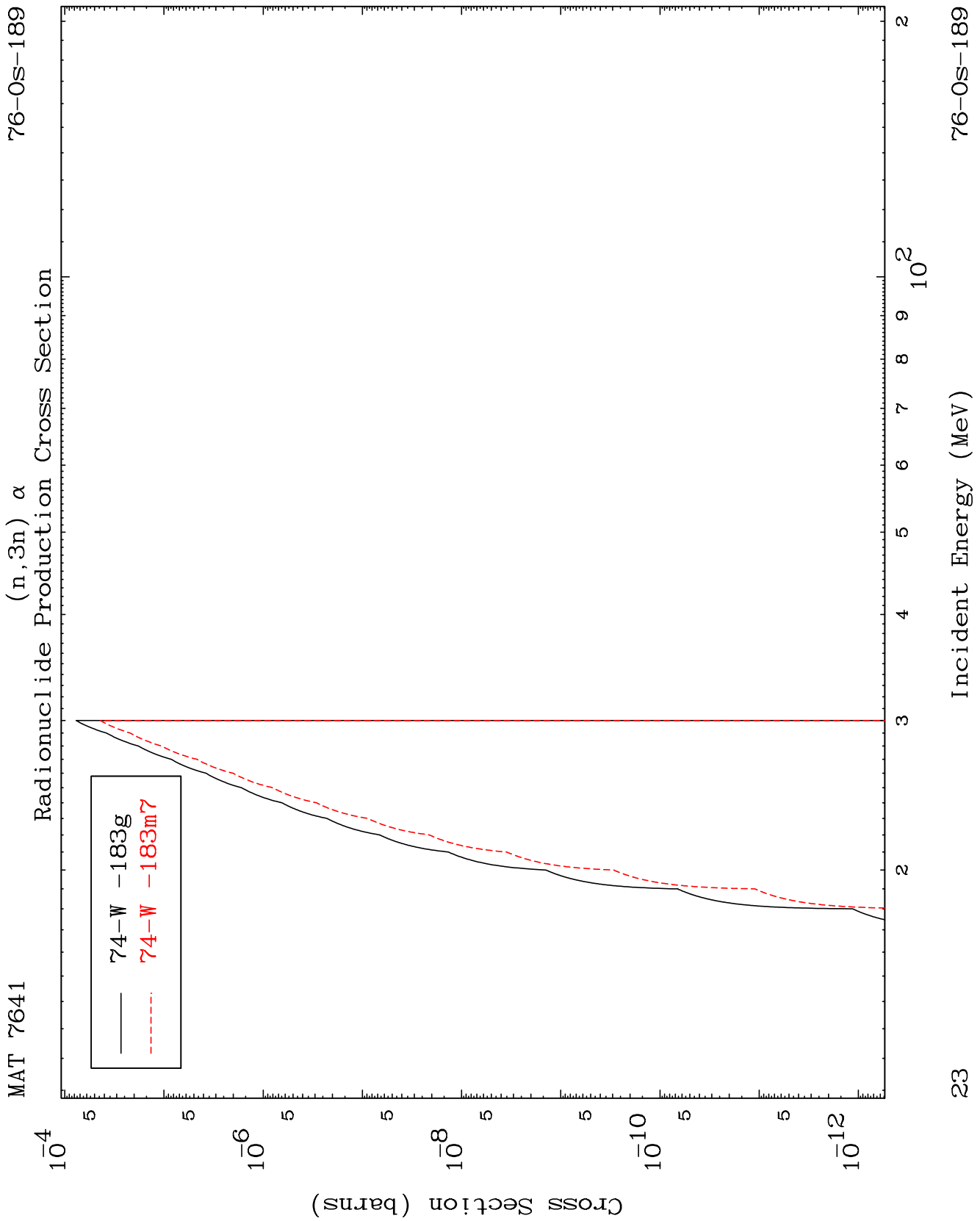
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$(n, n') \alpha$

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Radionuclide Production Cross Section





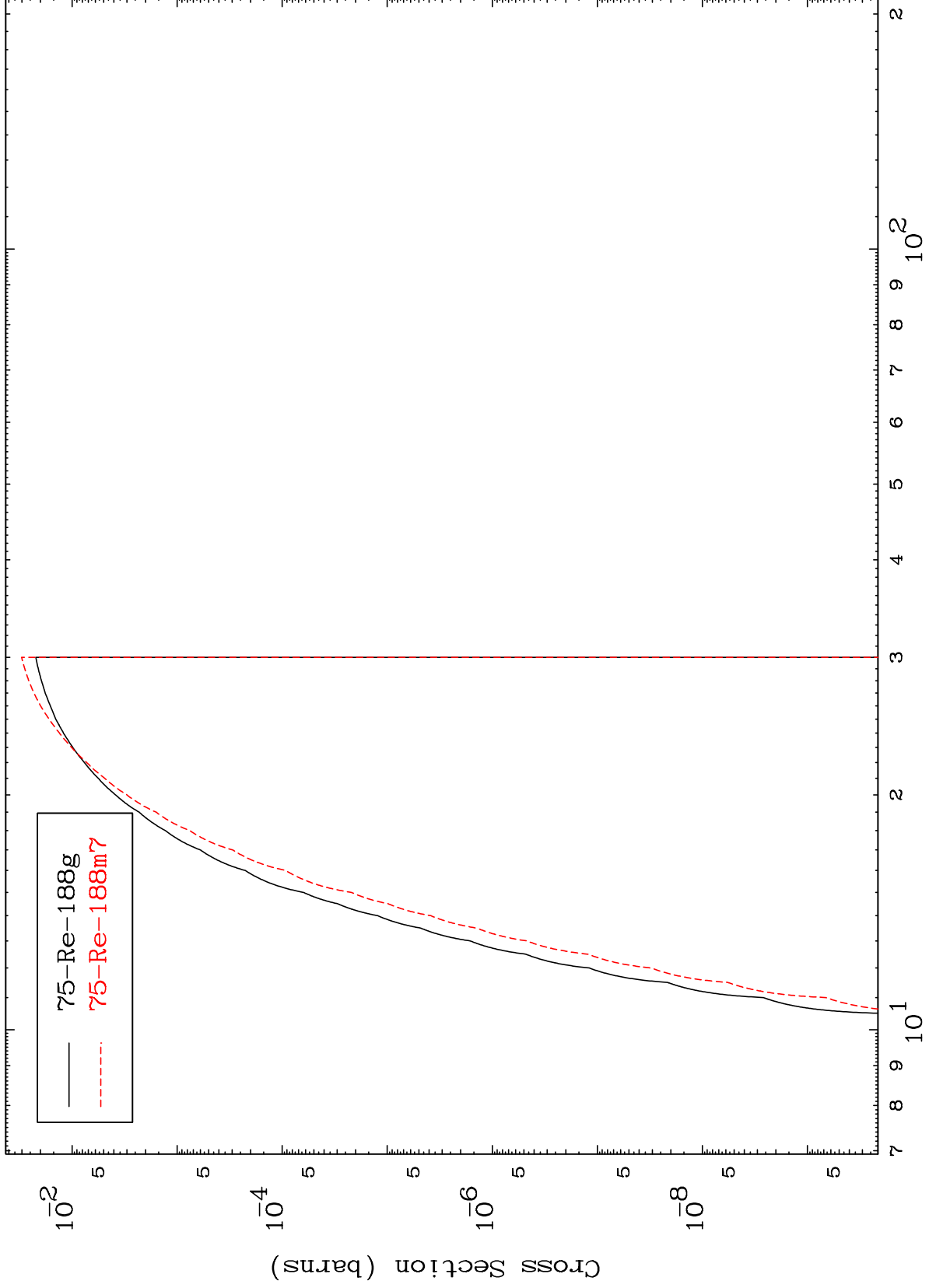


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(n,n') p

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Radionuclide Production Cross Section



24

Incident Energy (MeV)

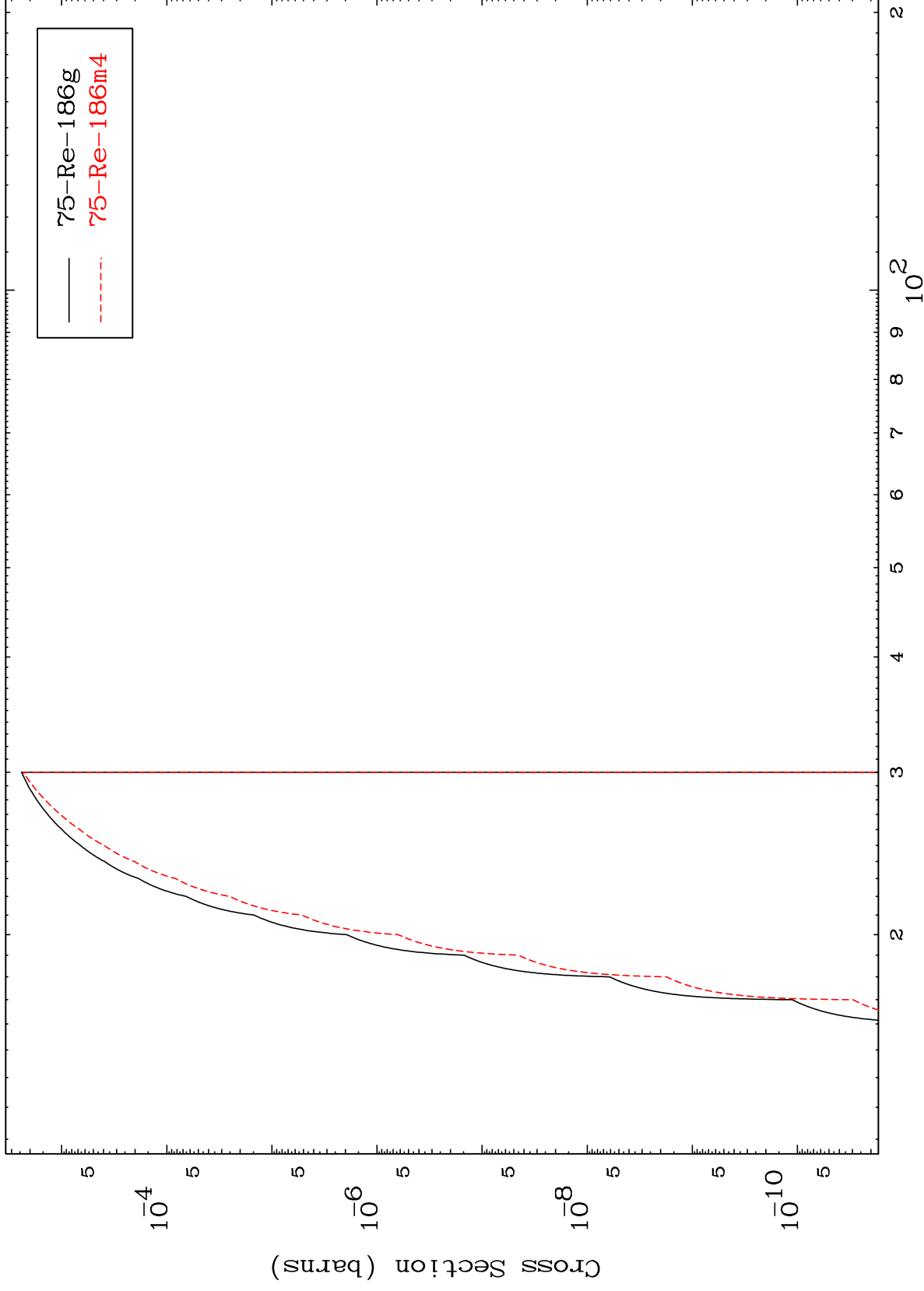
76-Os-189

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(n,n') t

76-Os-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

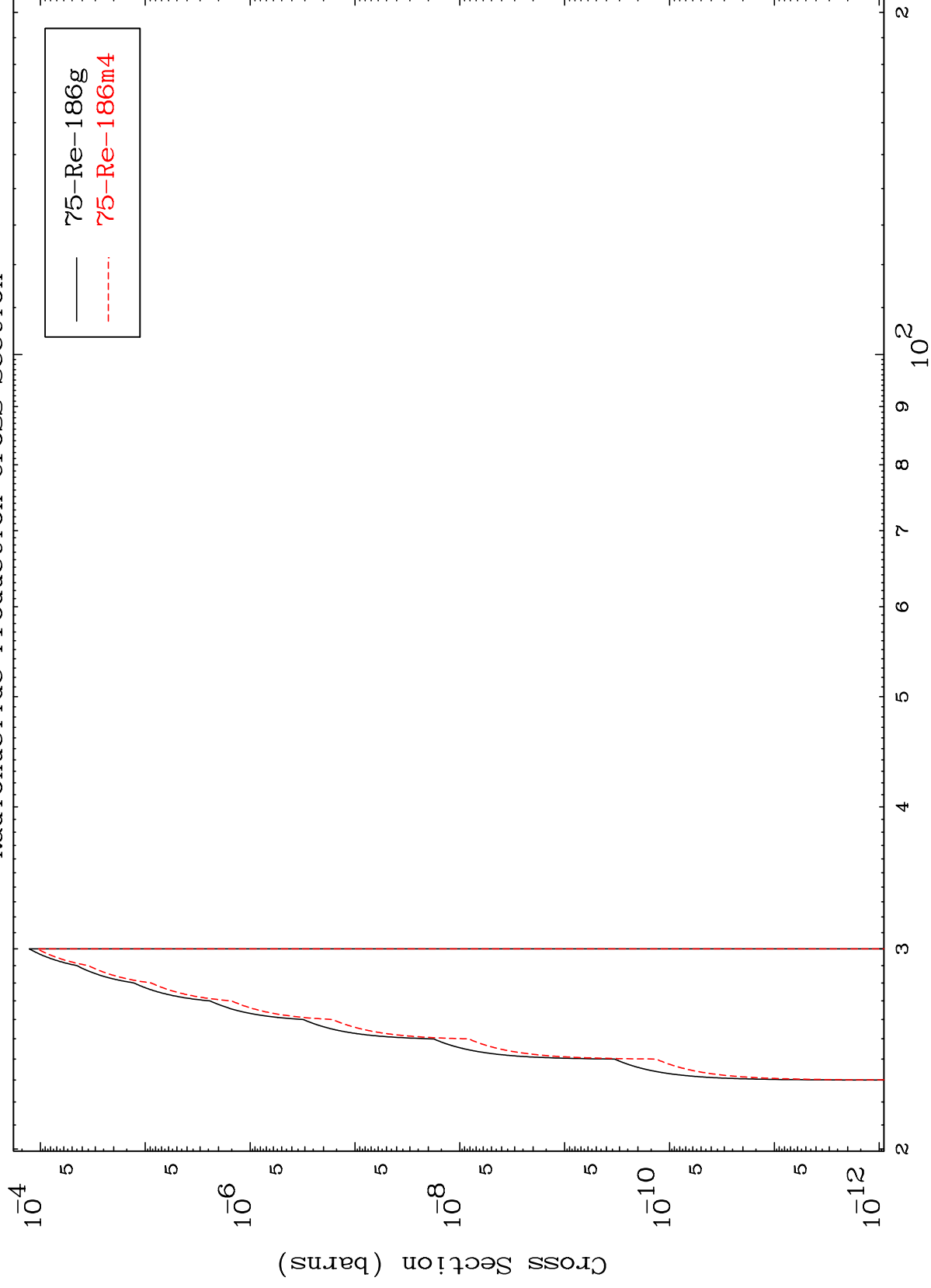
76-Os-189

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(n,3n) p

76-Os-189

Radionuclide Production Cross Section



26

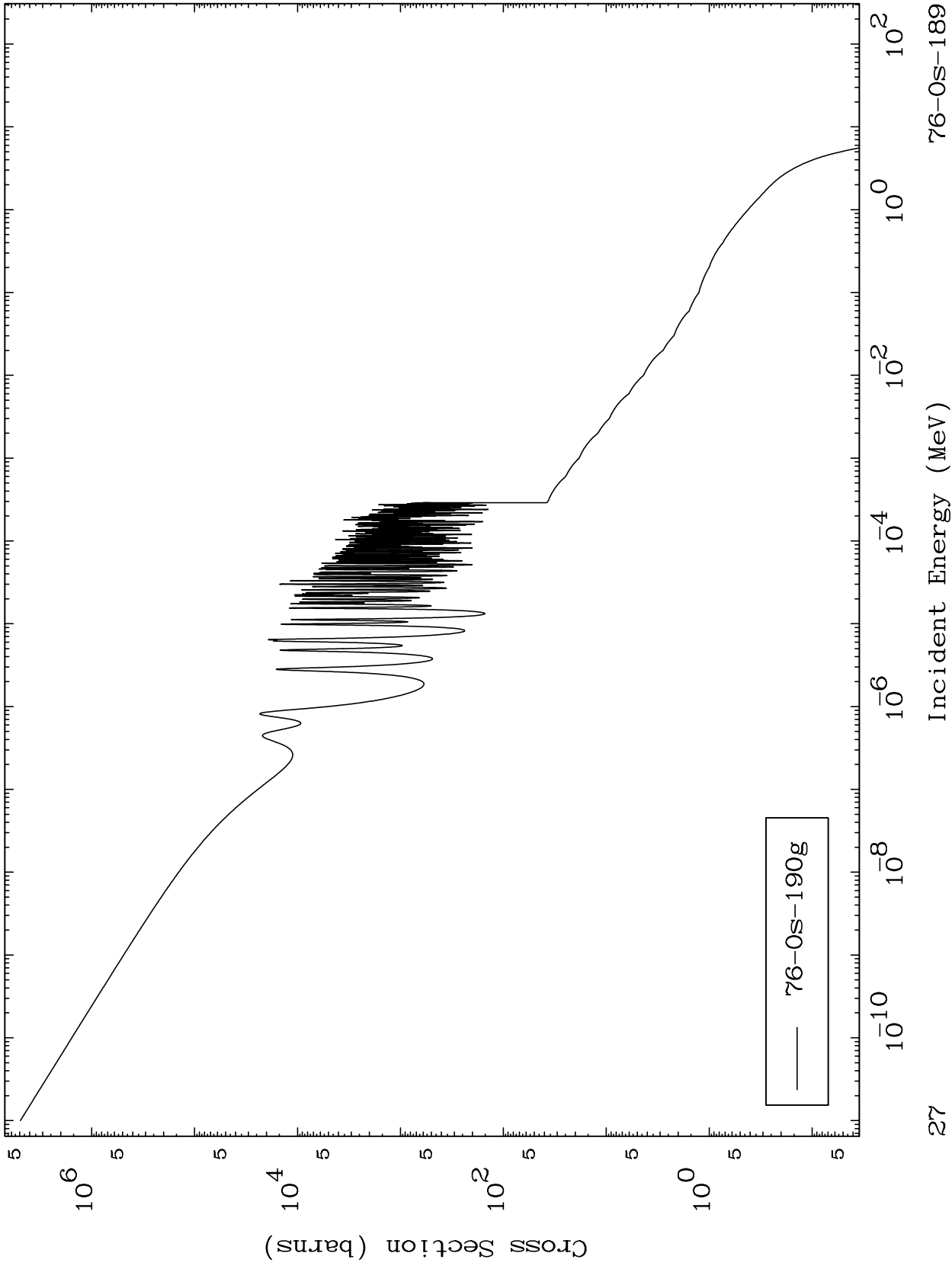
Incident Energy (MeV)

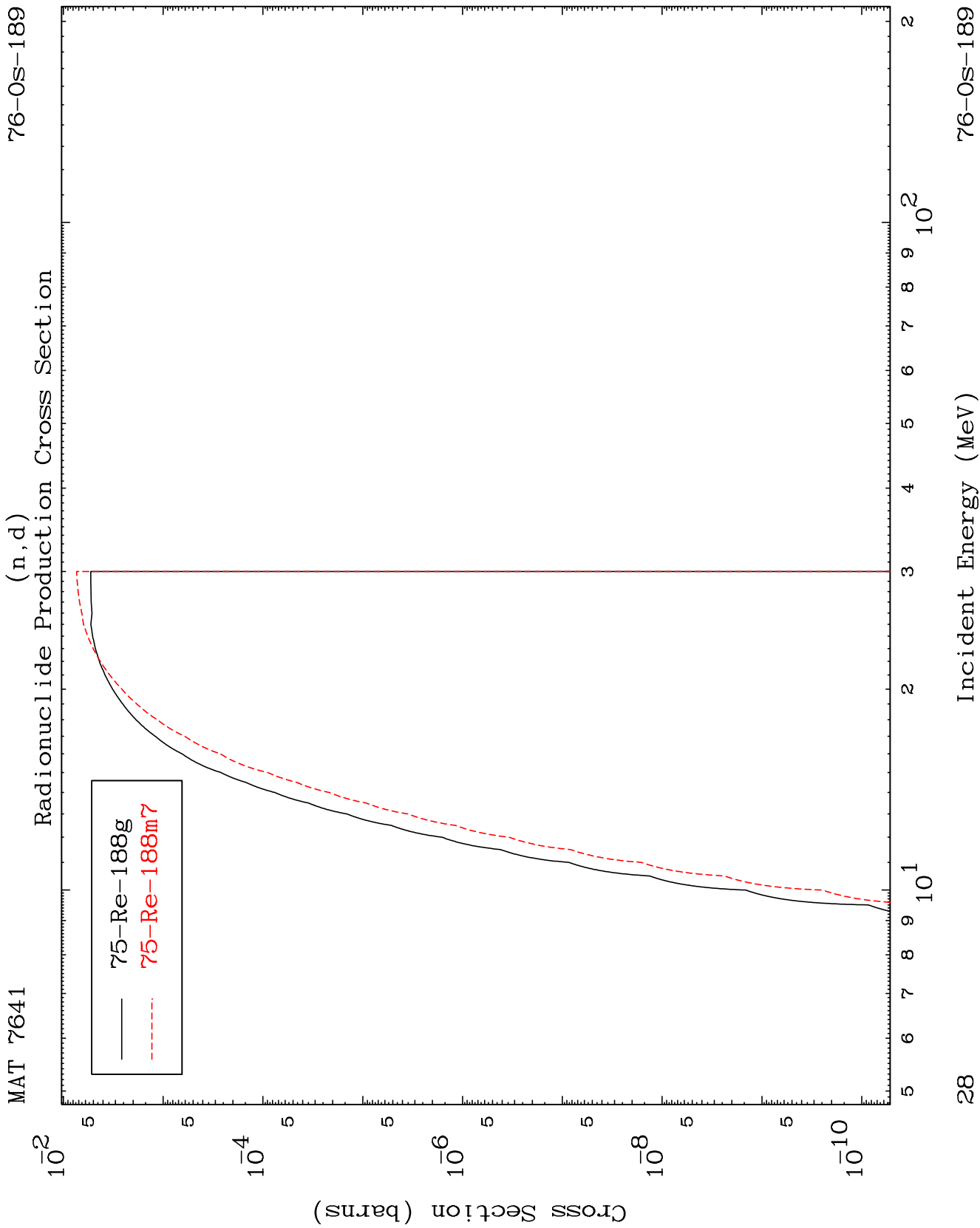
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76-Os-189

(n,γ)  
Radionuclide Production Cross Section



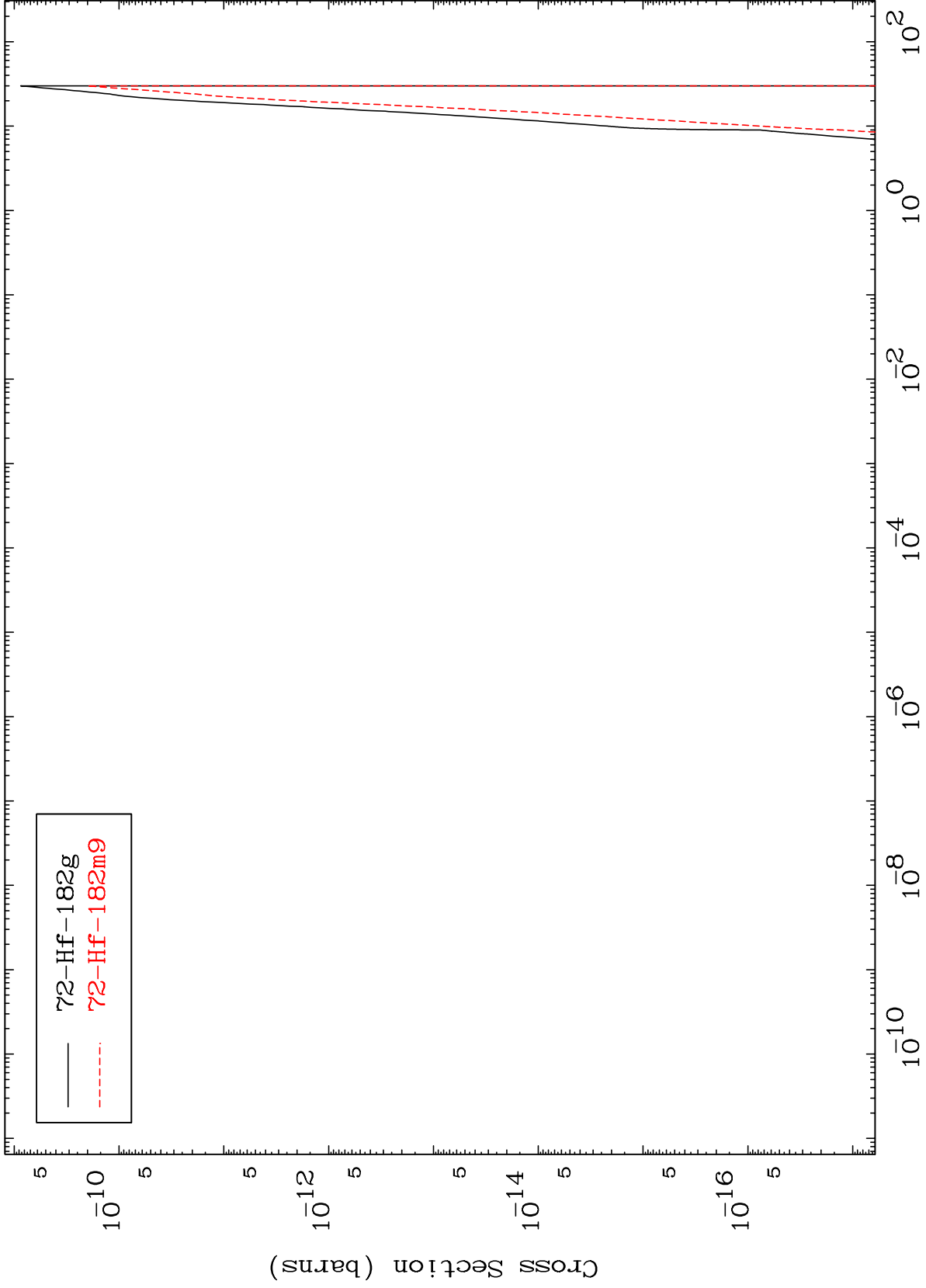
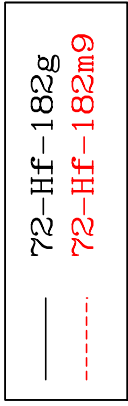


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(n,2α)

76-Os-189

Radionuclide Production Cross Section



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Incident Energy (MeV)

76-Os-189