

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

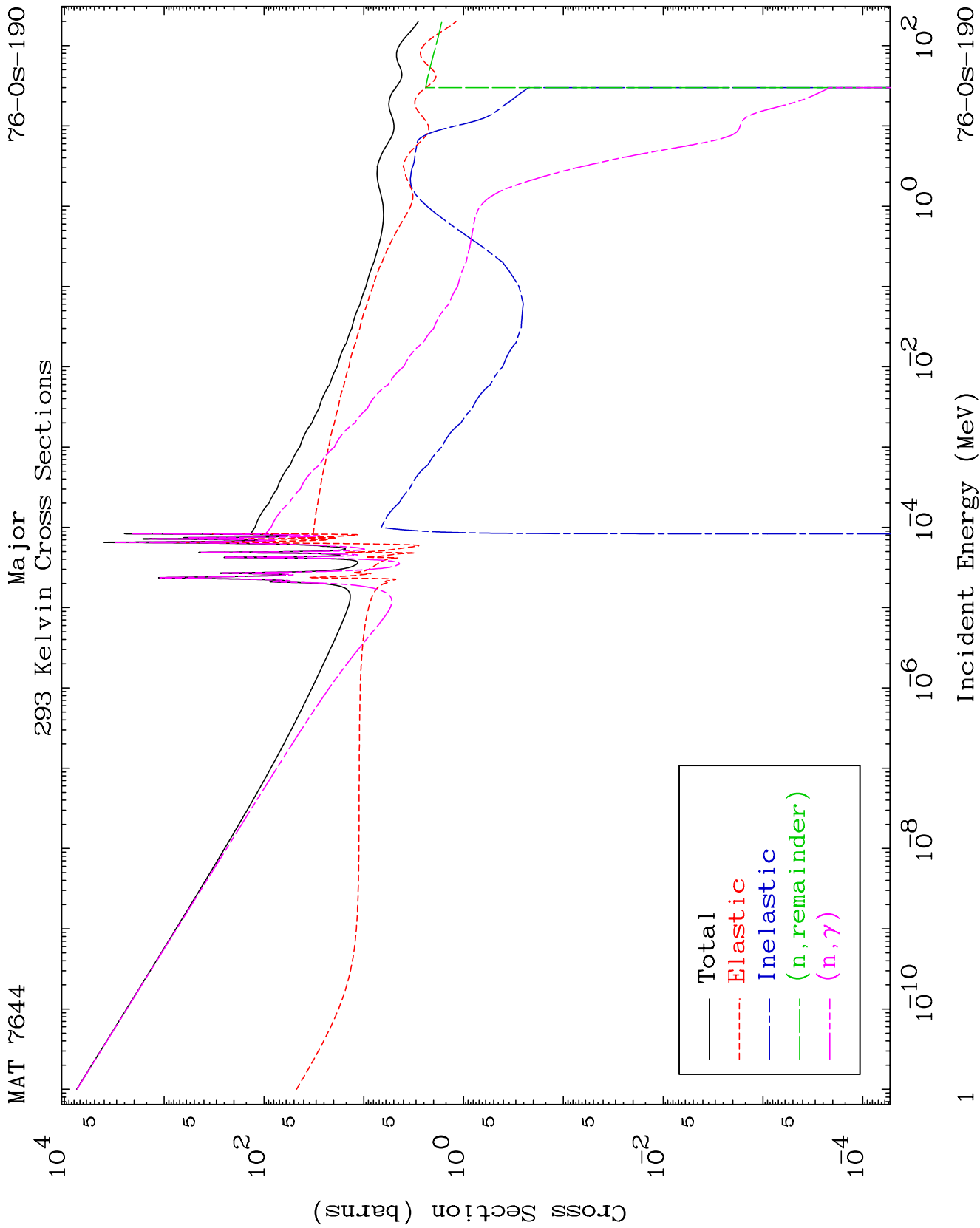
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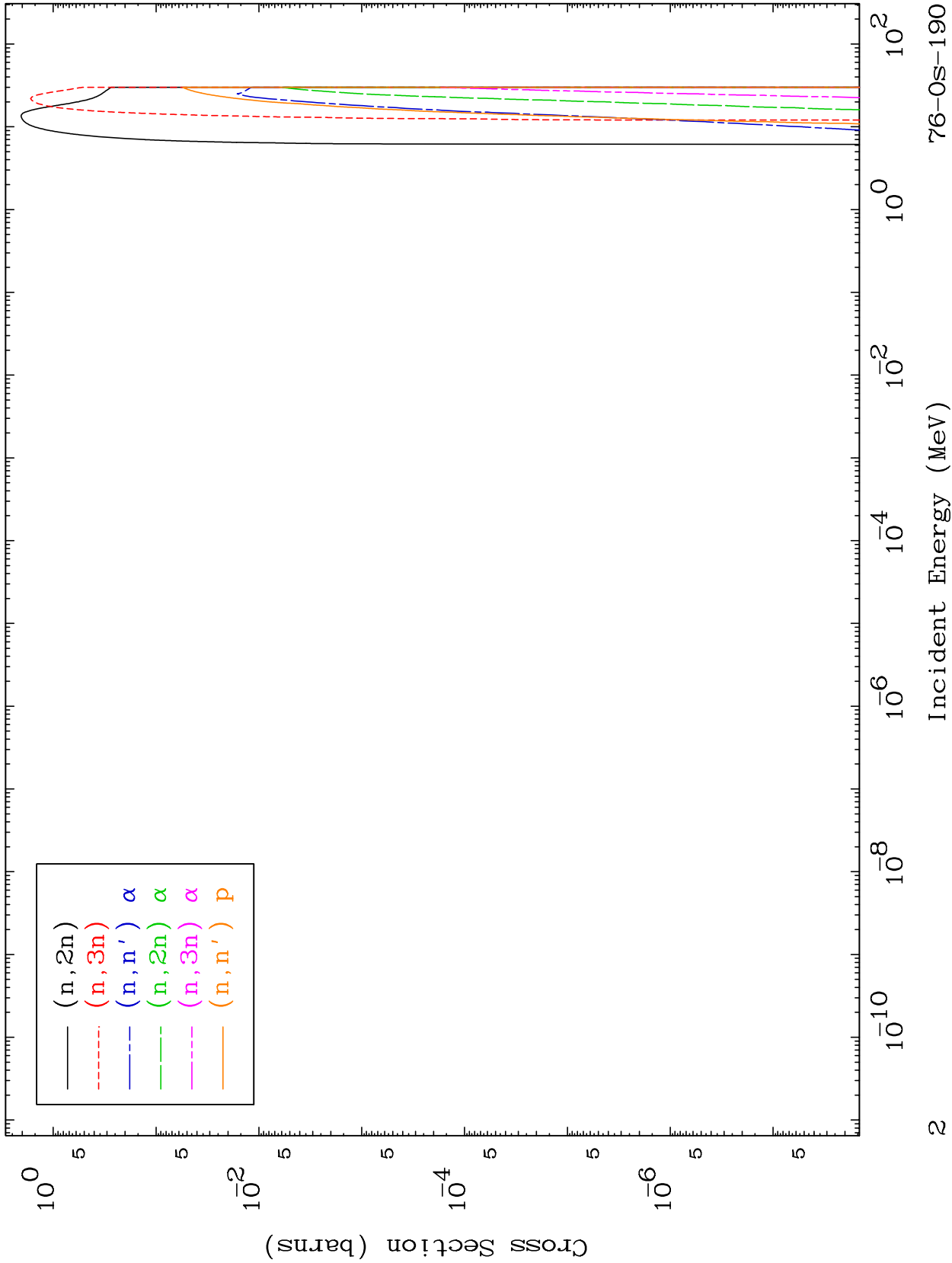
Press Mouse Button to Start

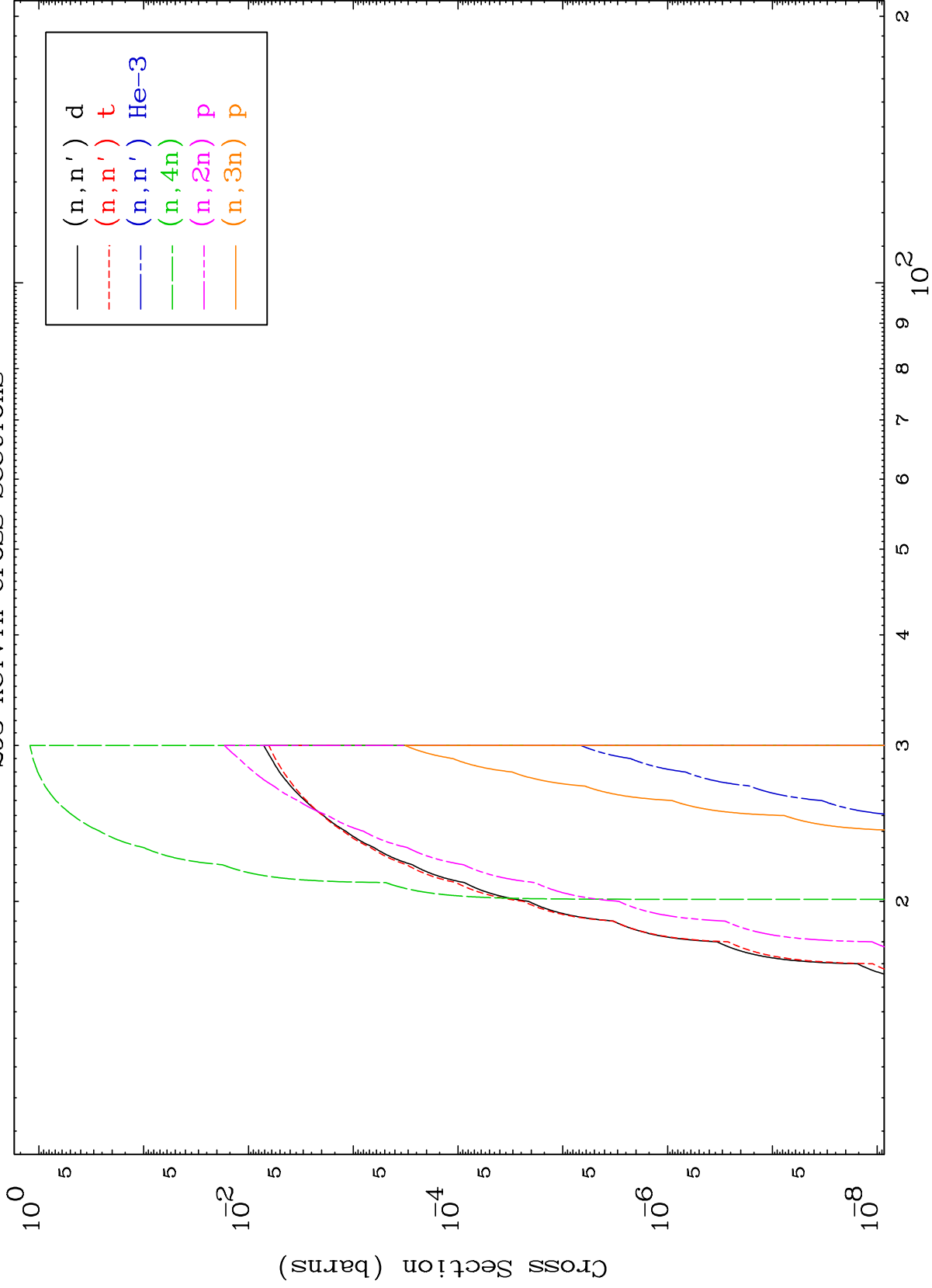


MAT 7644

Neutron Production  
293 Kelvin Cross Sections

76-Os-190

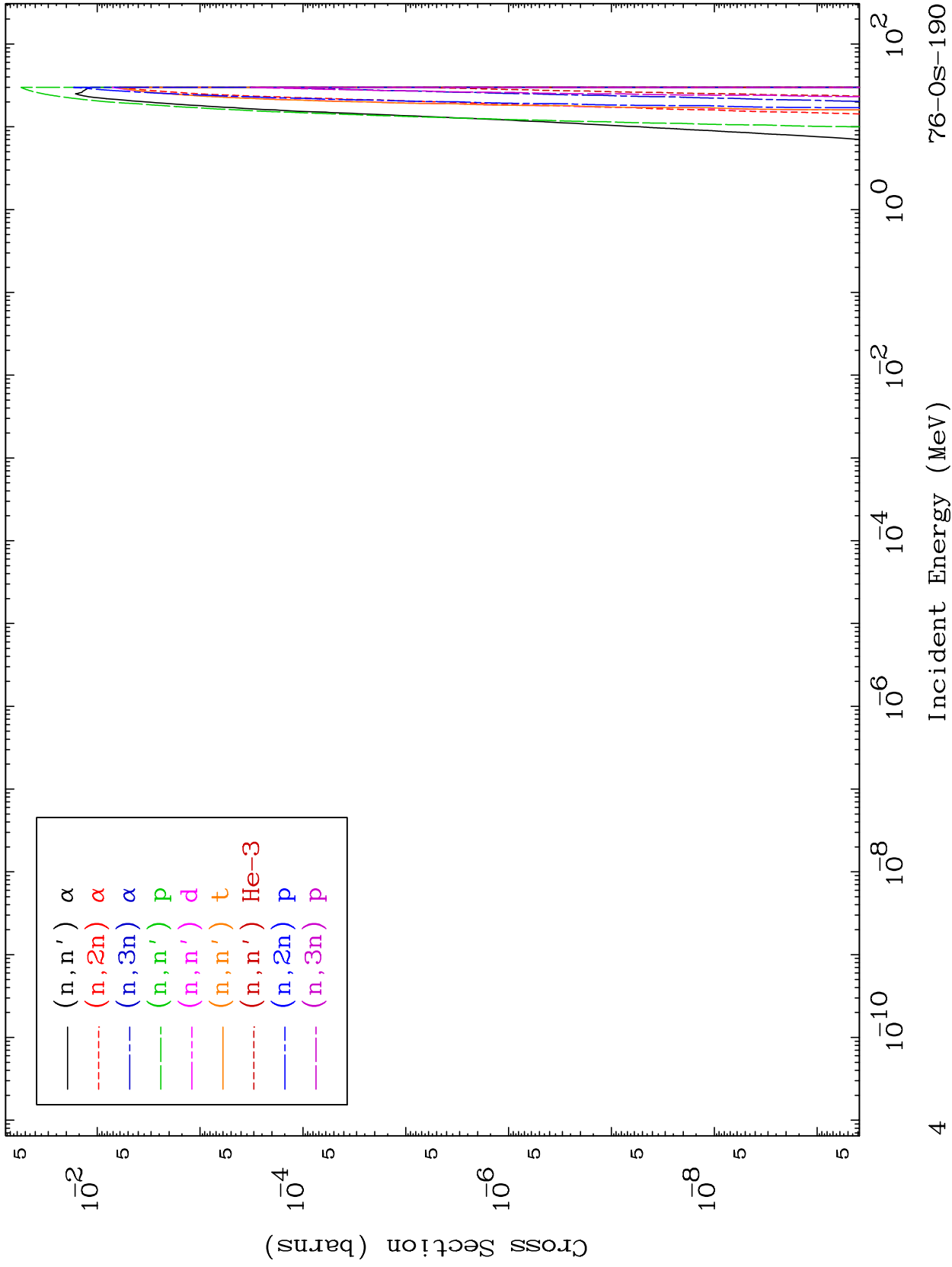




MAT 7644

Charged Particle  
293 Kelvin Cross Sections

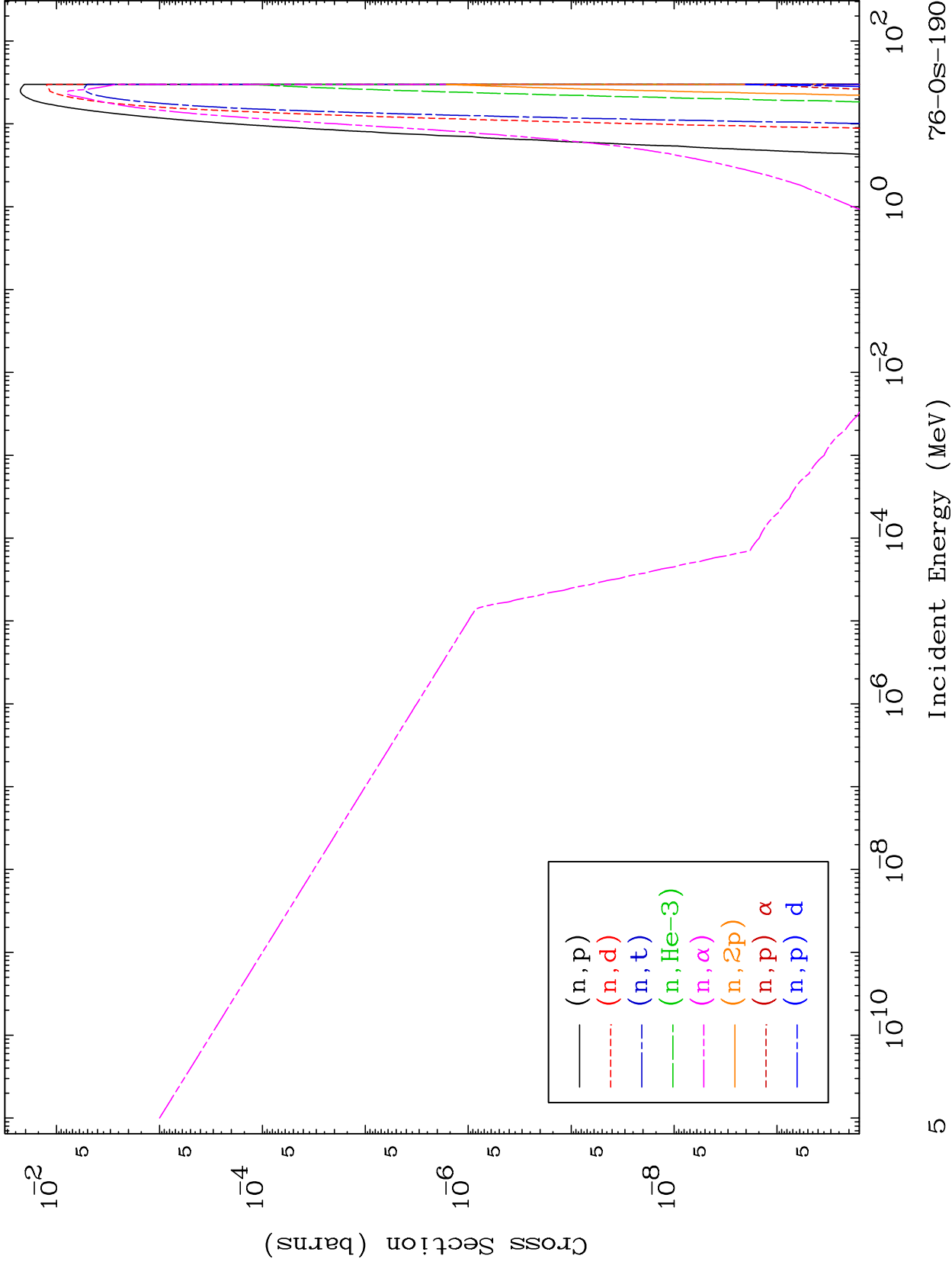
76-Os-190



MAT 7644

Charged Particle  
293 Kelvin Cross Sections

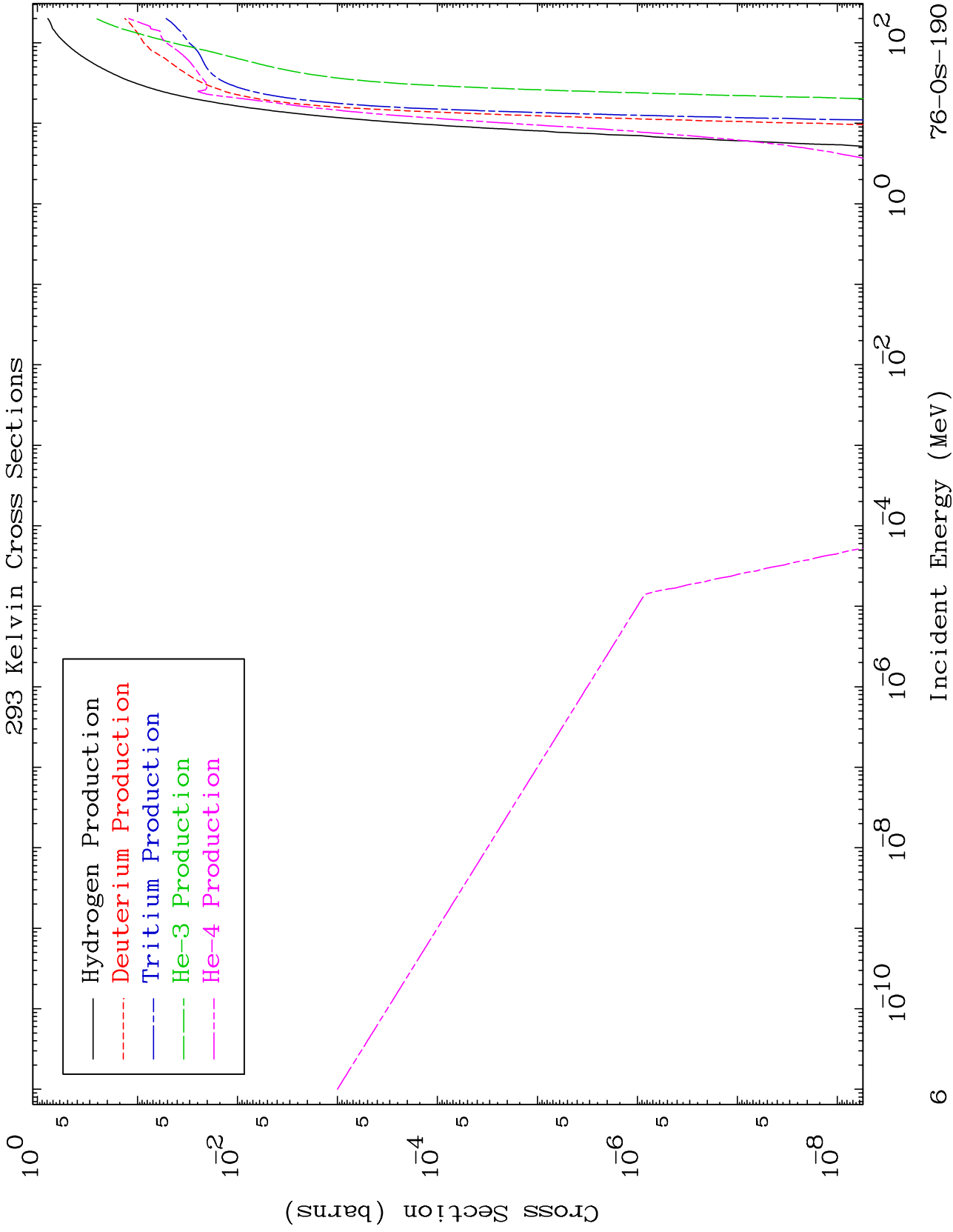
76-Os-190



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Particle Production  
293 Kelvin Cross Sections

76-Os-190

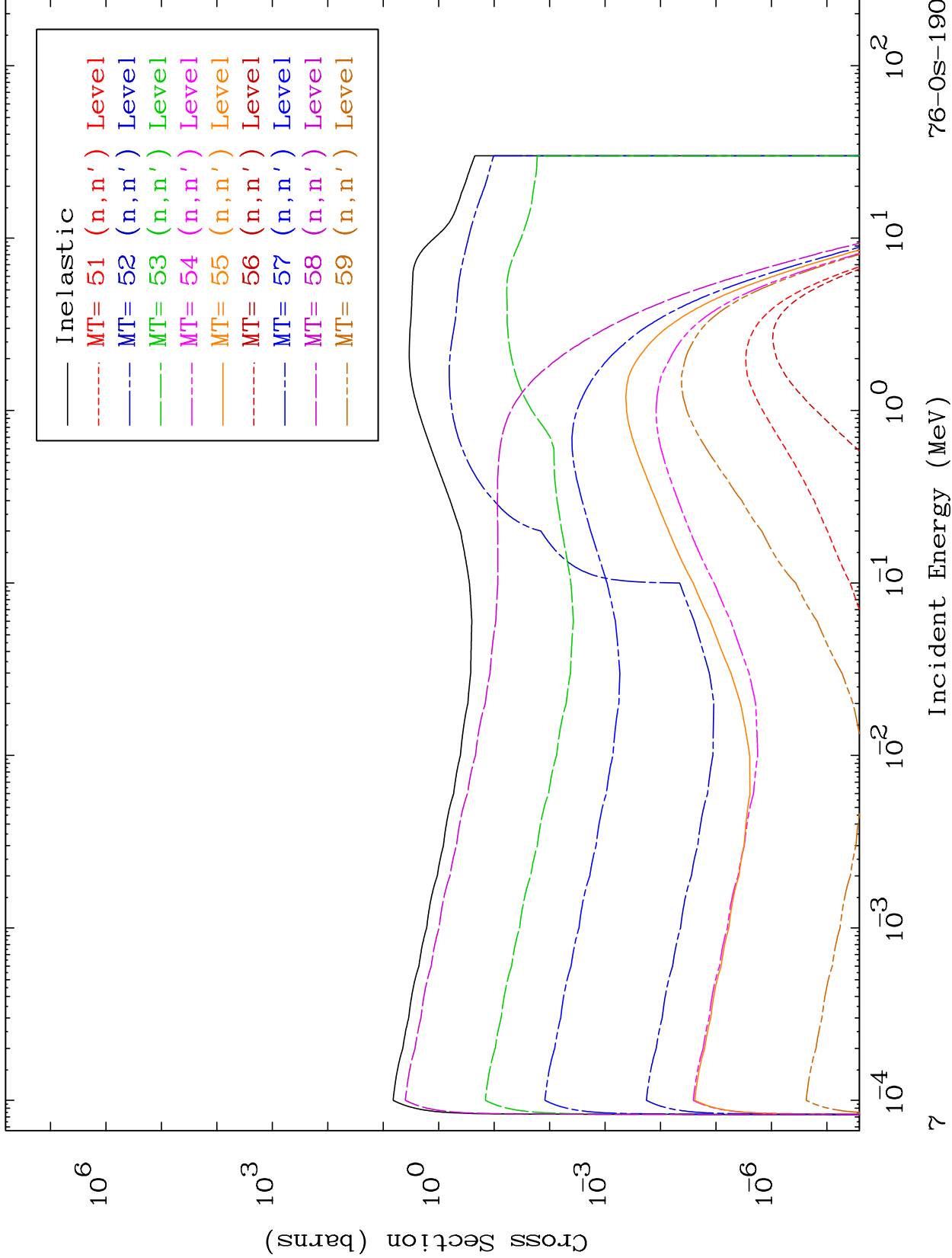


MAT 7644

(n,n') Level

76-Os-190

293 Kelvin Cross Sections



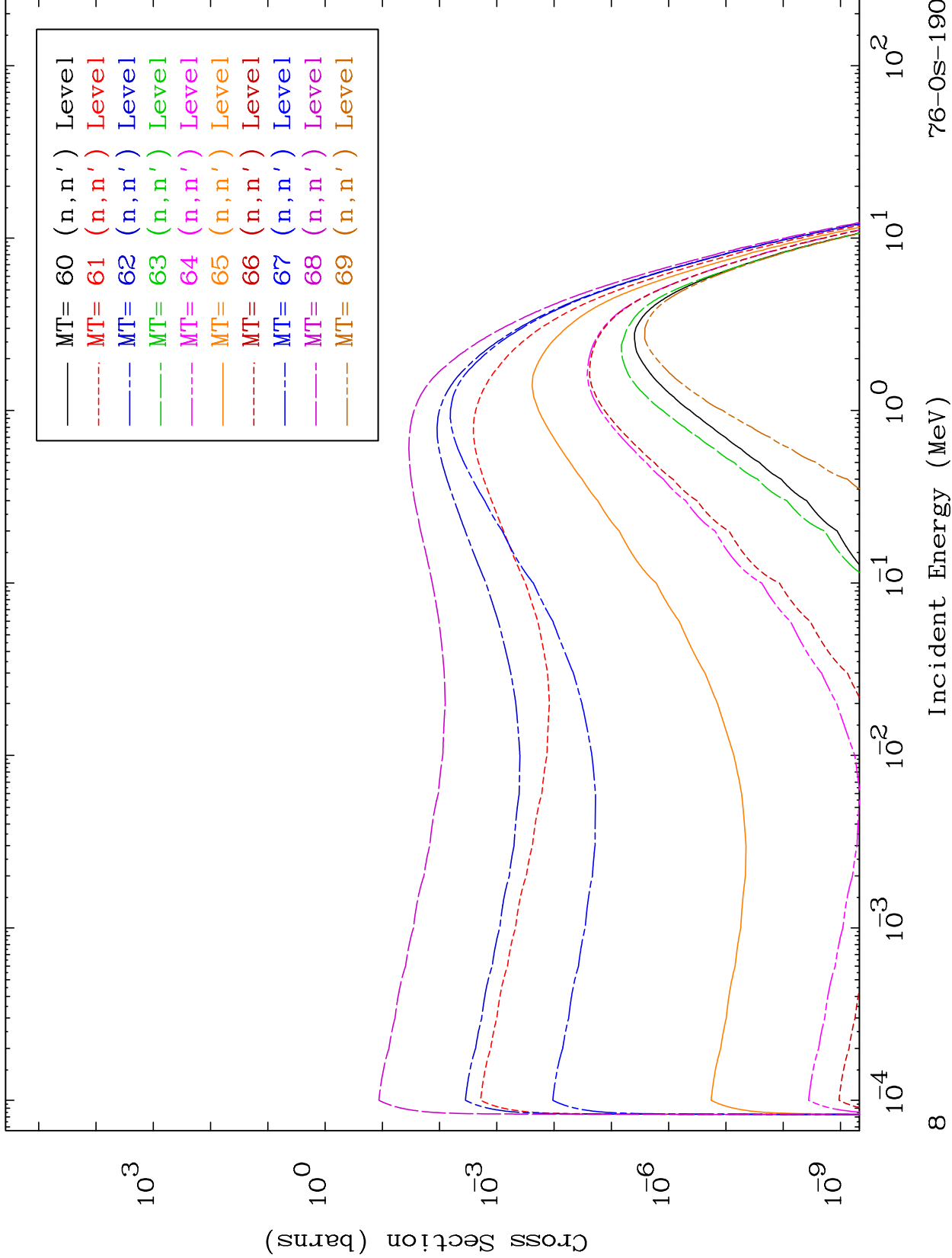


MAT 7644

(n,n') Level

293 Kelvin Cross Sections

76-Os-190

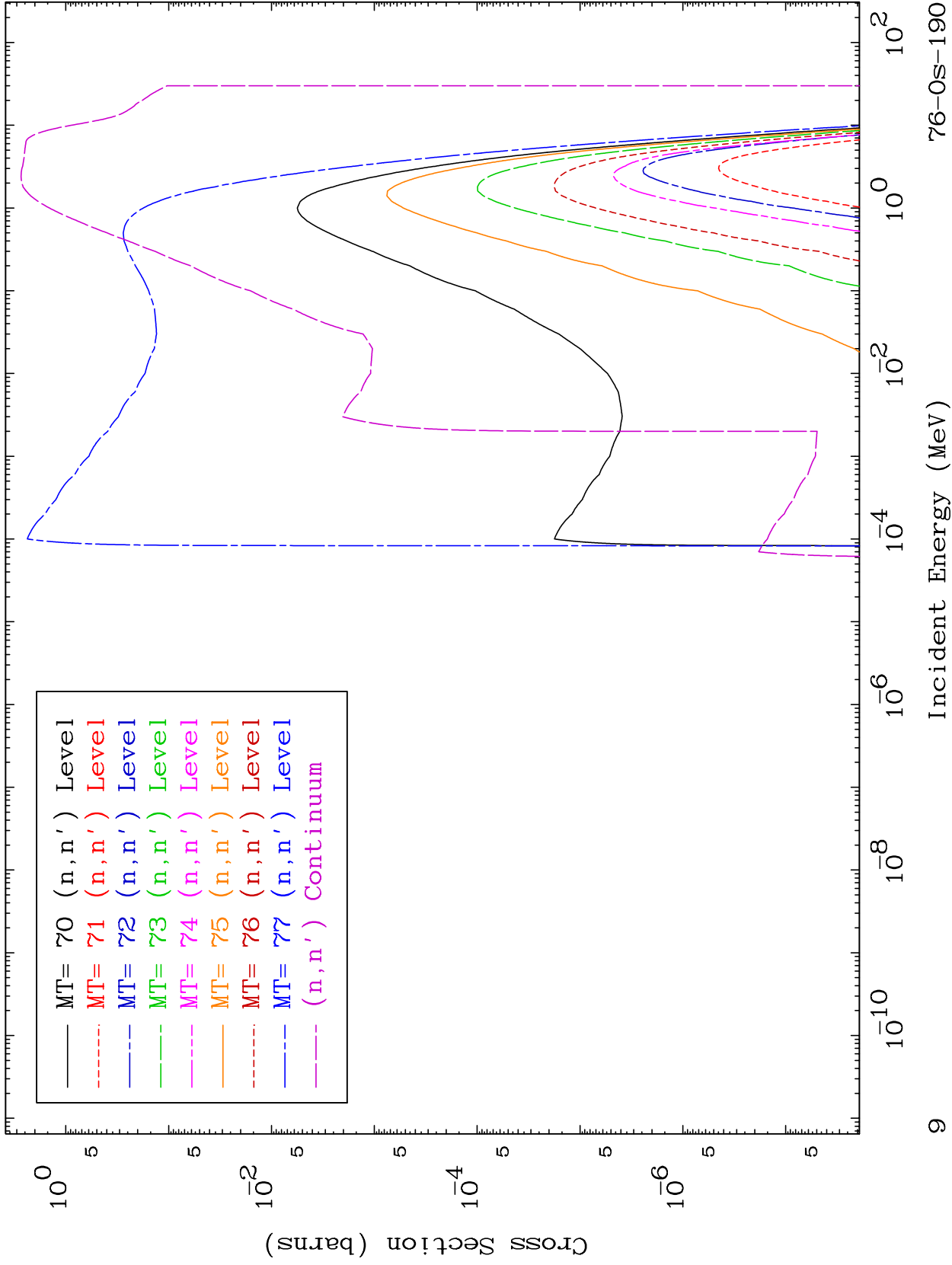


MAT 7644

(n,n') Level

76-Os-190

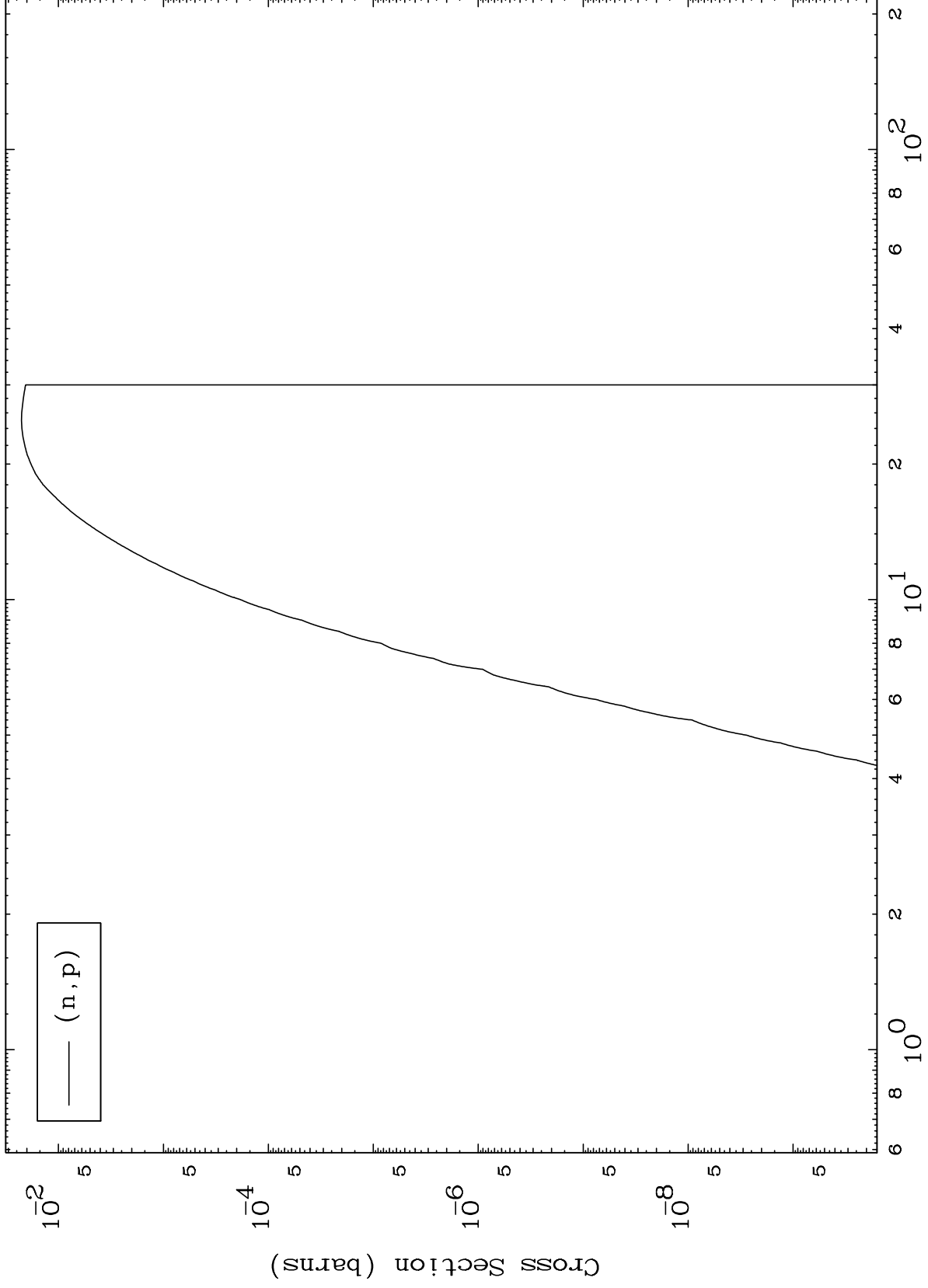
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

76-Os-190



10

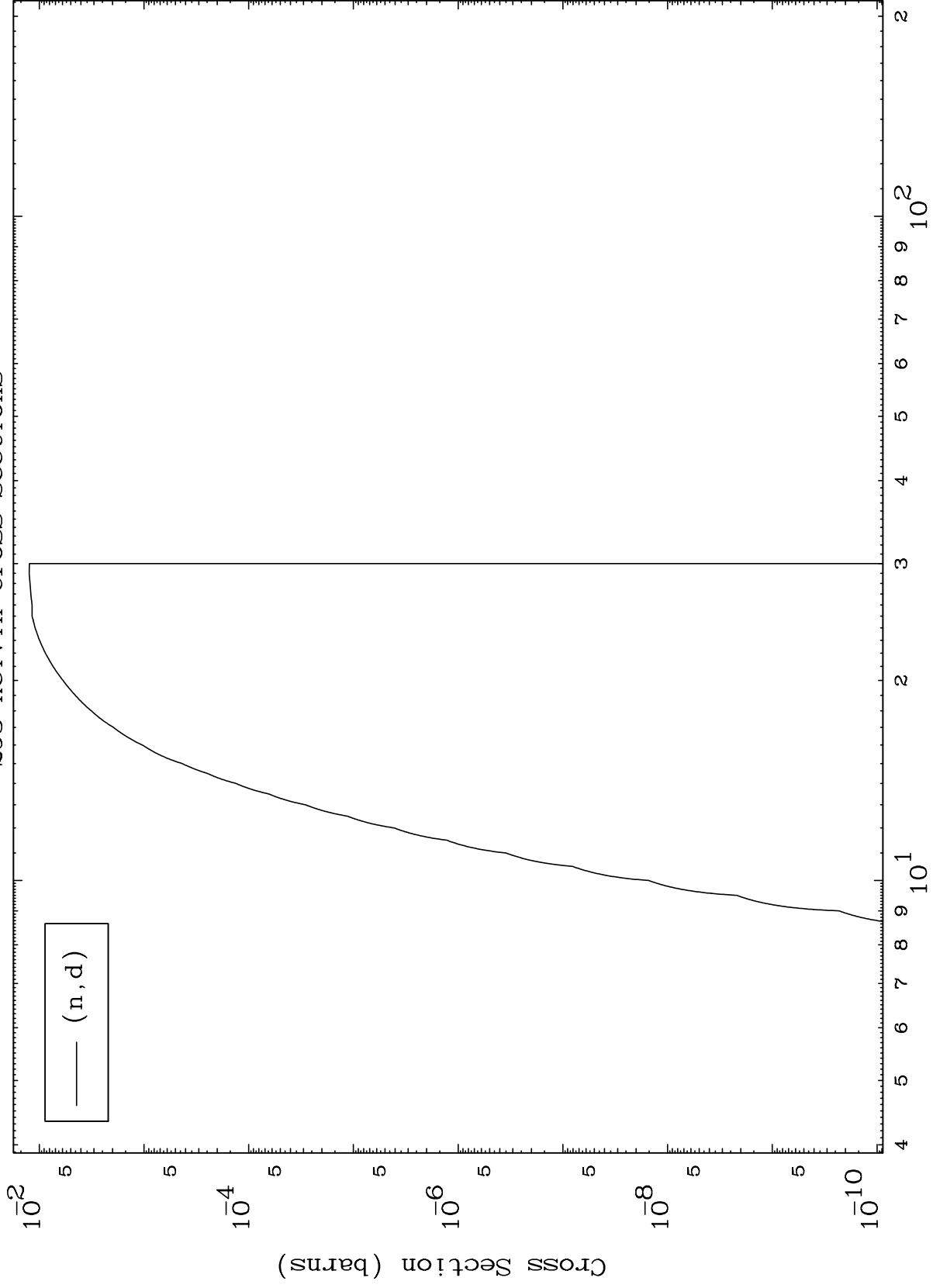
Incident Energy (MeV)

76-Os-190

MAT 7644

(n,d) Levels  
293 Kelvin Cross Sections

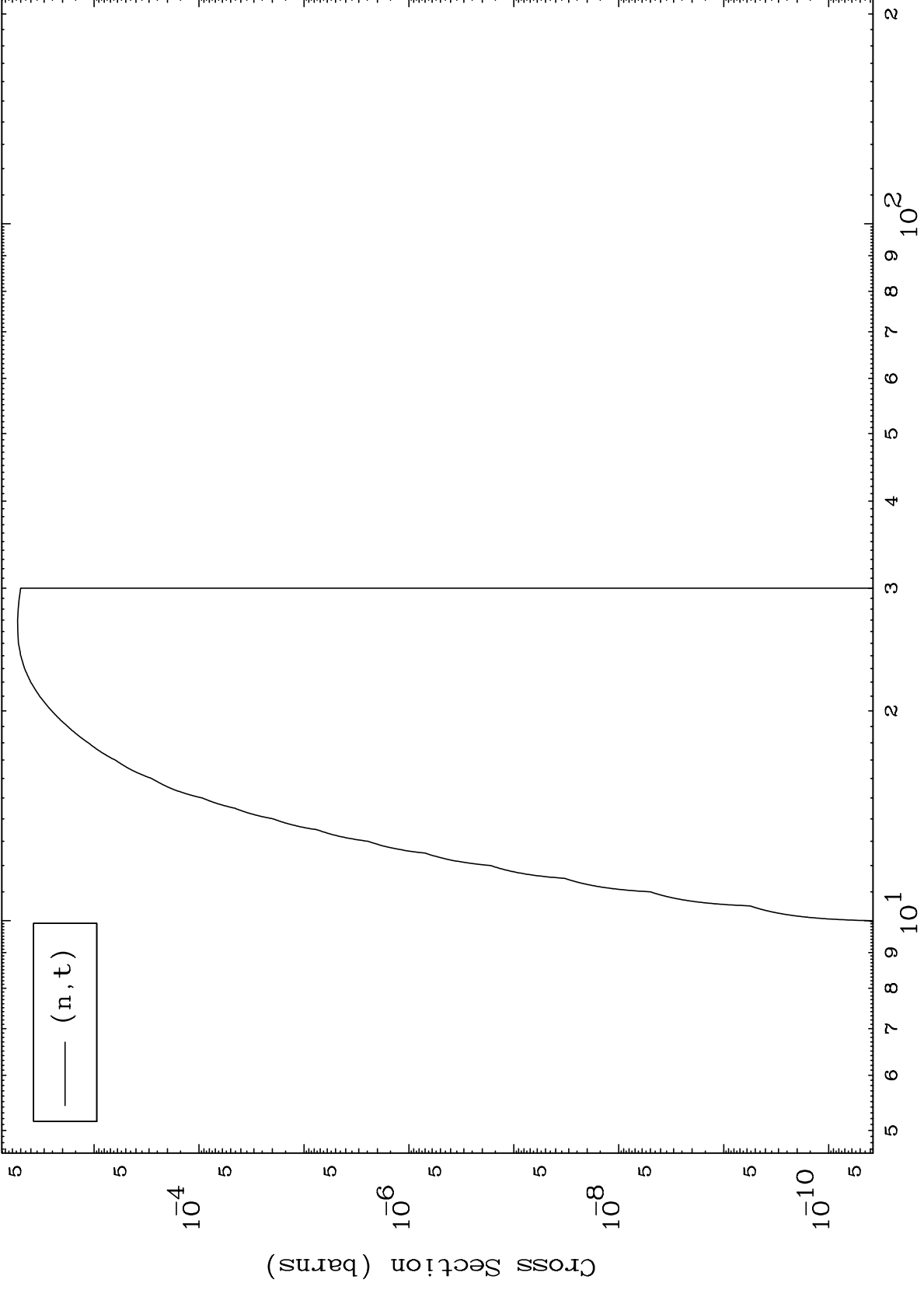
76-Os-190



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(n,t) Levels  
293 Kelvin Cross Sections

76-Os-190



12

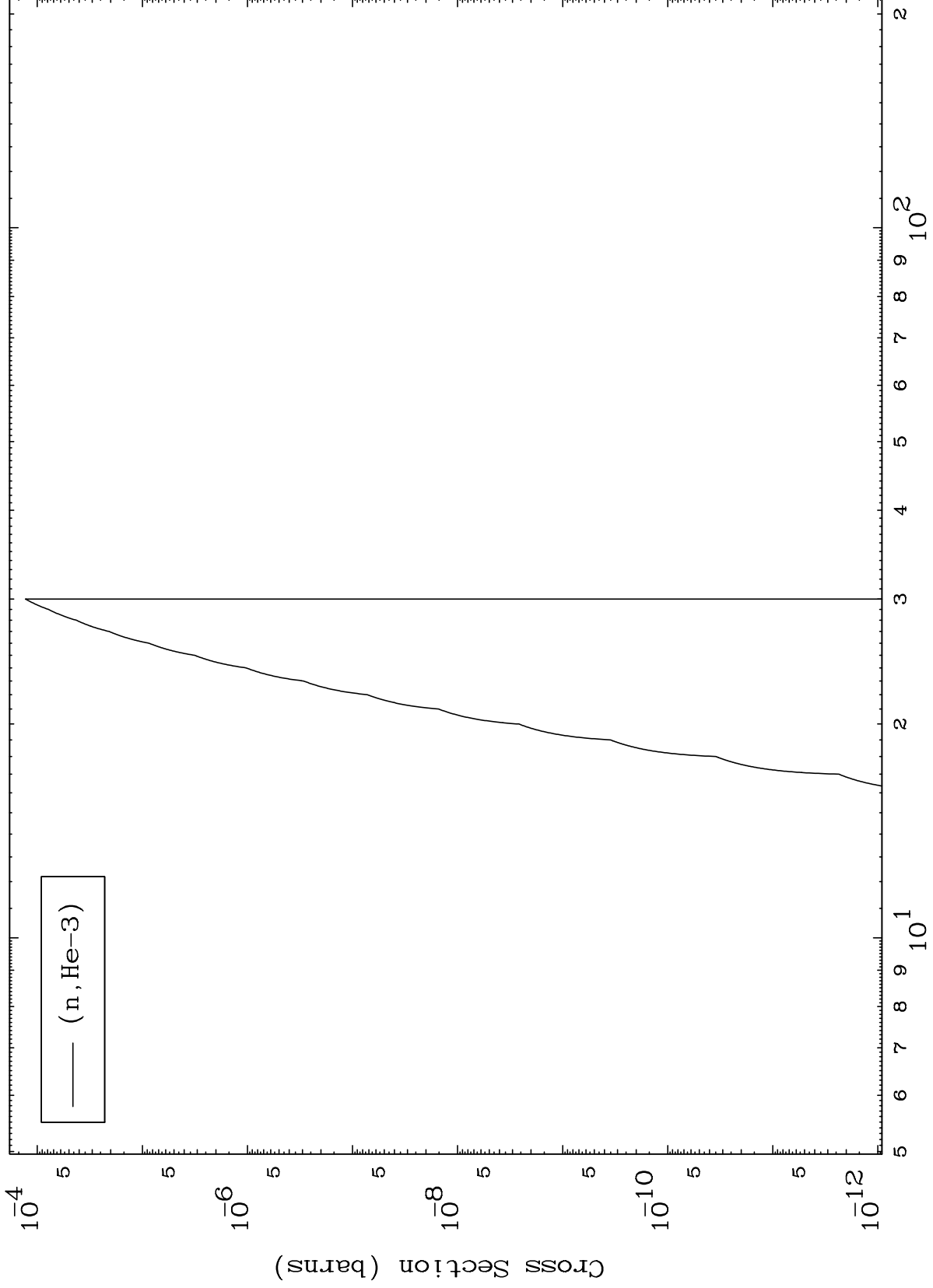
Incident Energy (MeV)

76-Os-190

MAT 7644

(n,He3) Levels  
293 Kelvin Cross Sections

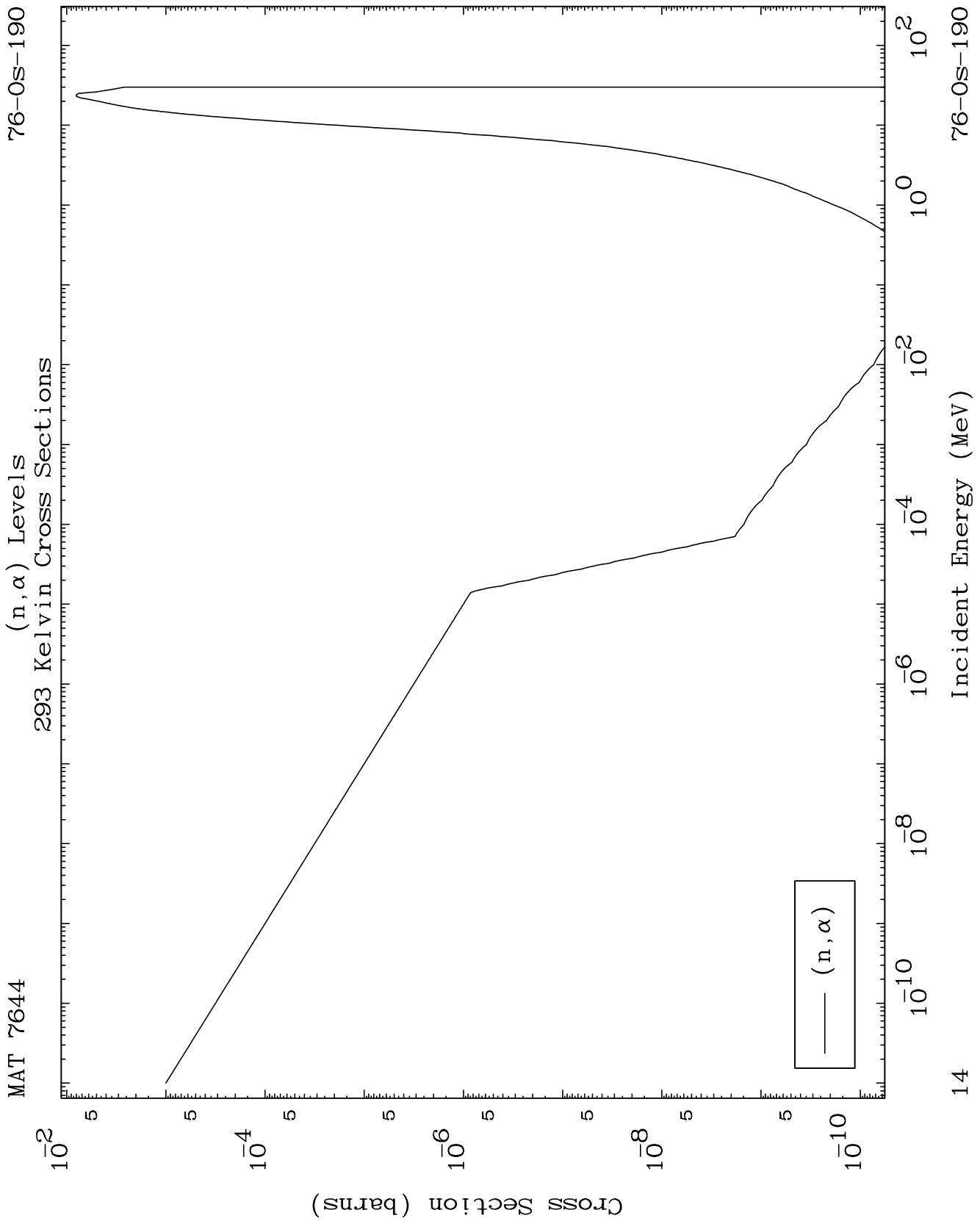
76-Os-190

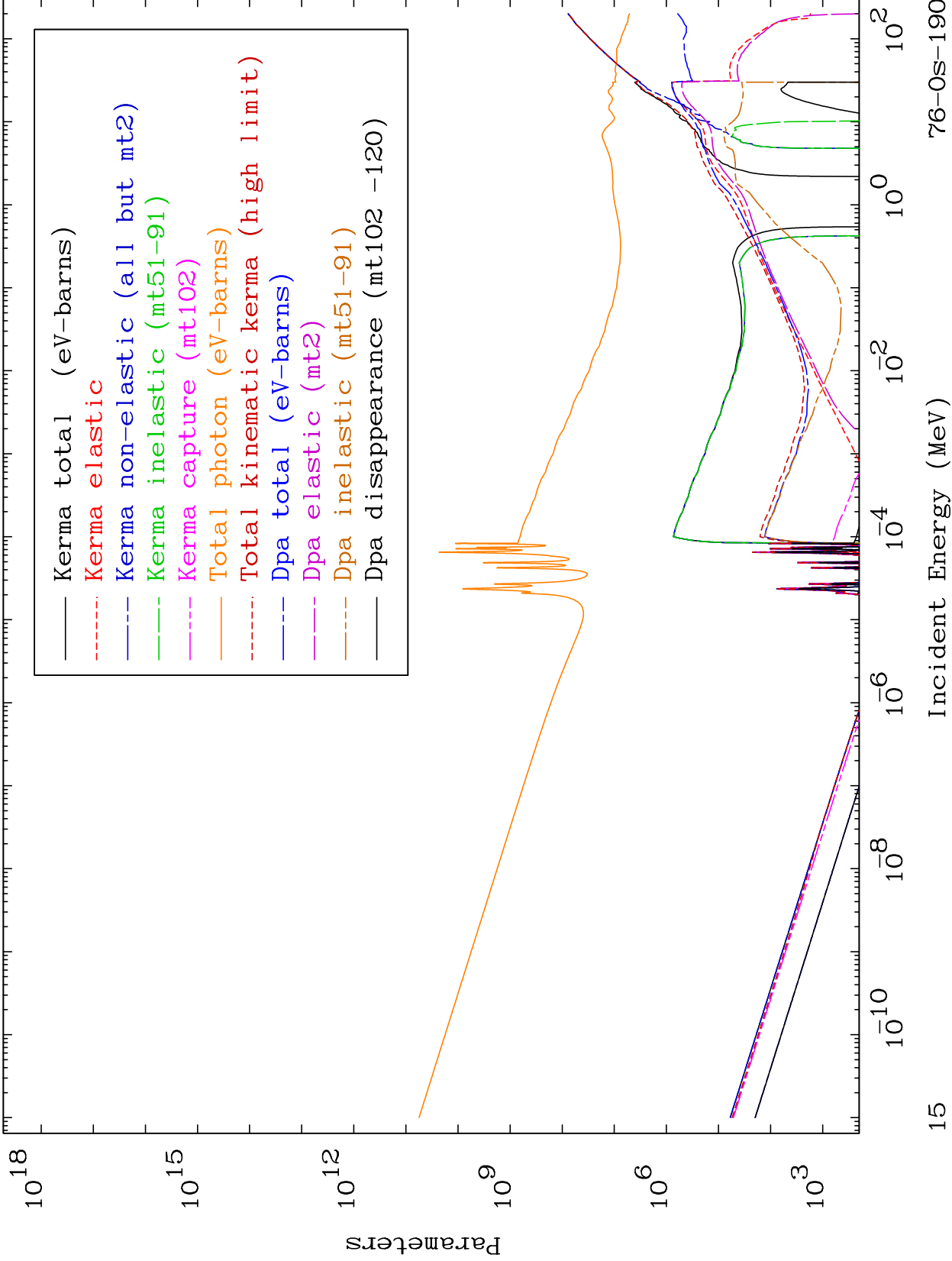


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Incident Energy (MeV)

76-Os-190





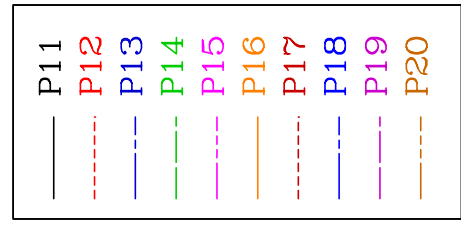




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Elastic Legendre Coefficients

76-Os-190



$\times 10^{-4}$   
2.0

1.5

1.0

0.5

0.0

Legendre (CM)

5

10

15

20

25

30

17

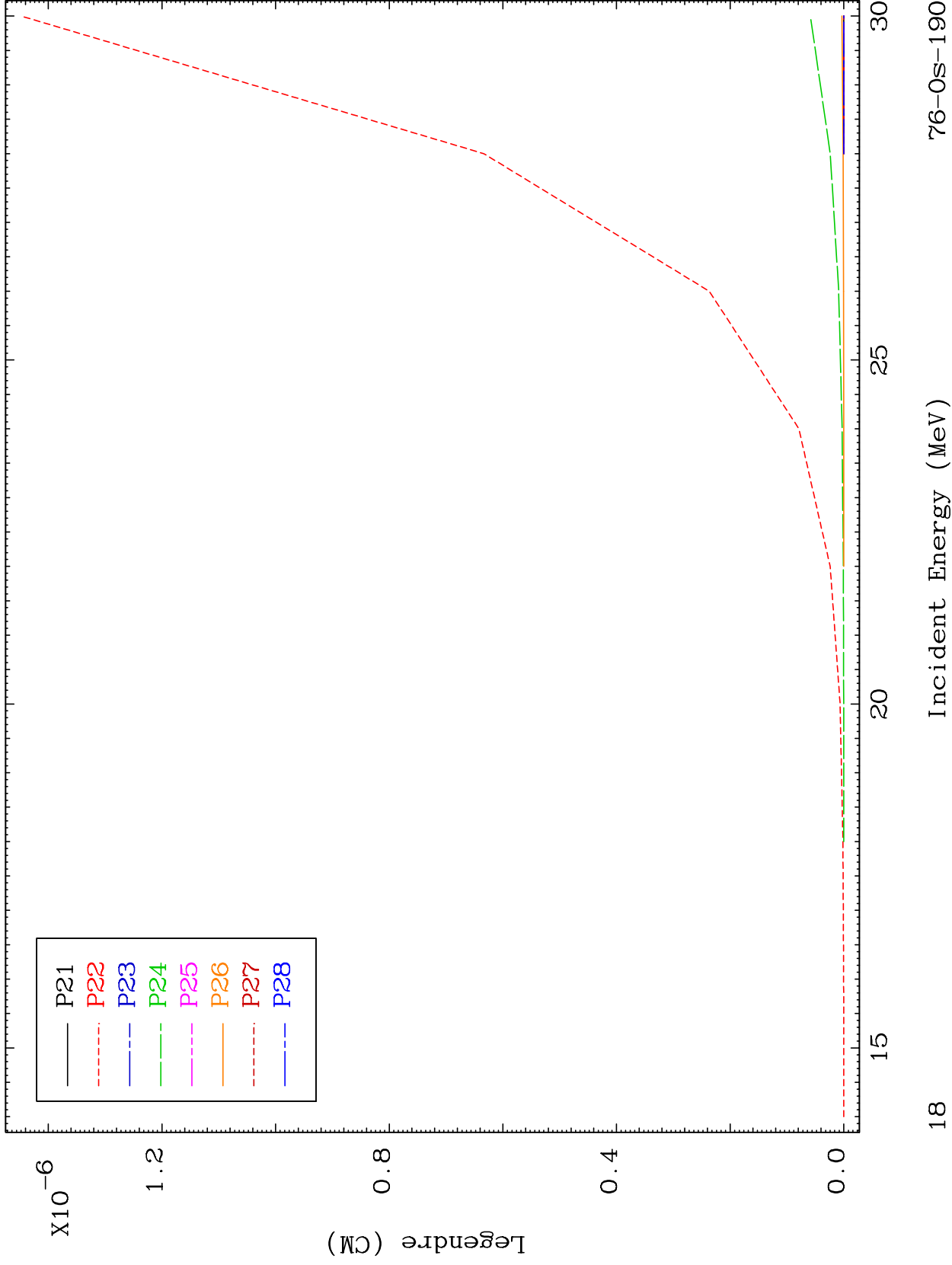
Incident Energy (MeV)

76-Os-190

MAT 7644

Elastic  
Legendre Coefficients

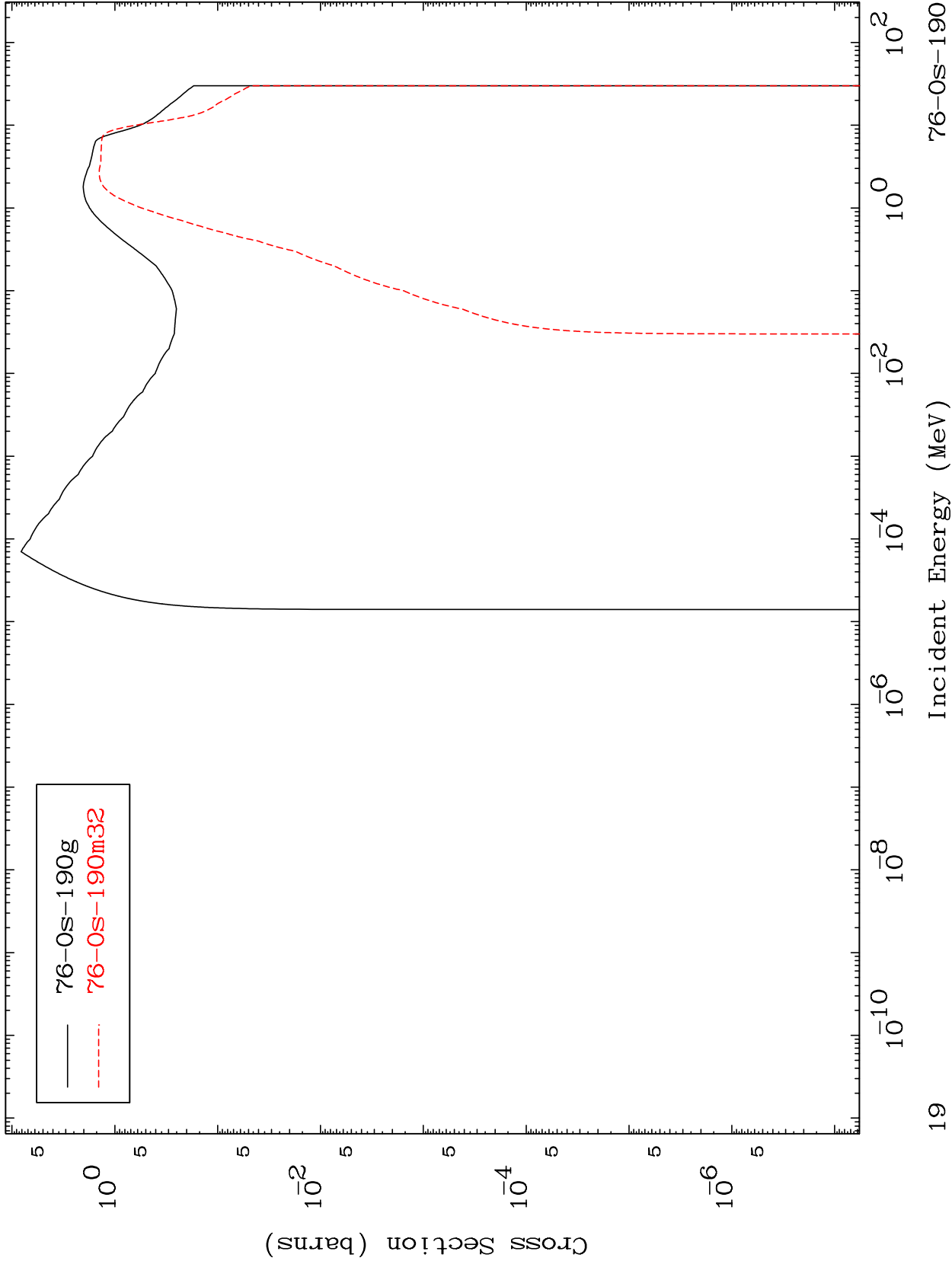
76-Os-190



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Radionuclide Production Cross Section

76-Os-190

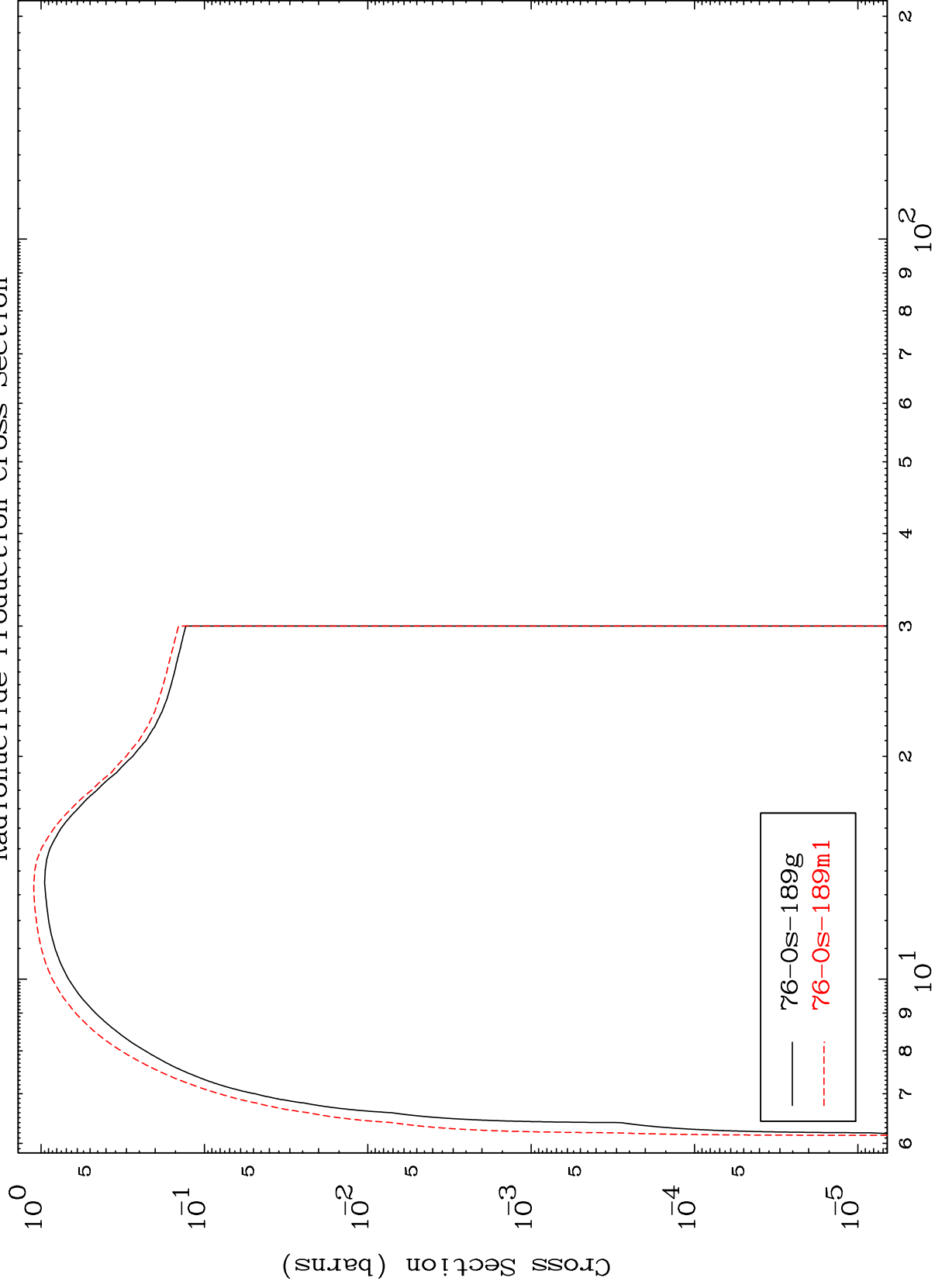


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(n,2n)

76-Os-190

Radionuclide Production Cross Section



20

Incident Energy (MeV)

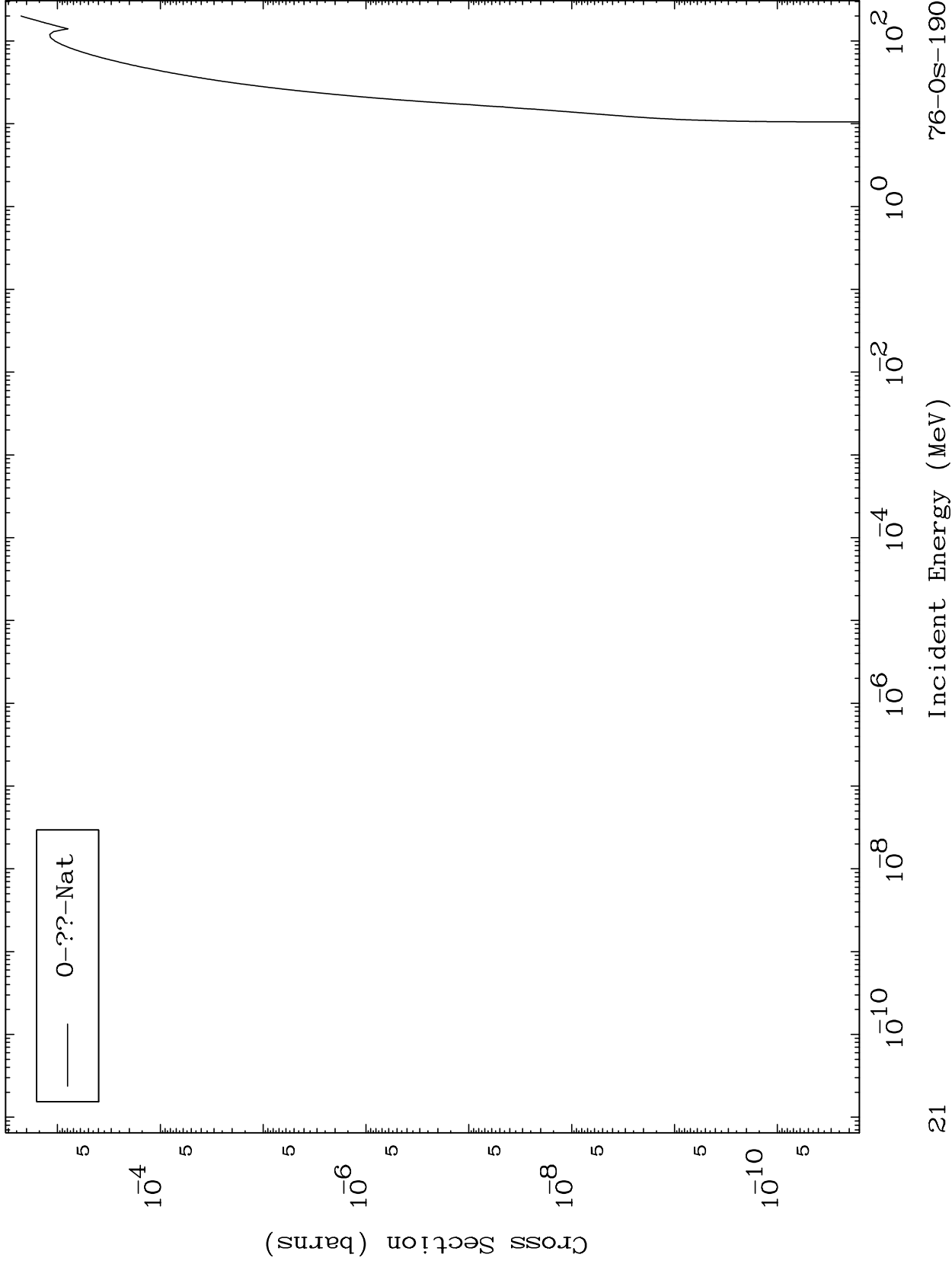
76-Os-190

MAT 7644

Fission

76-Os-190

Radionuclide Production Cross Section

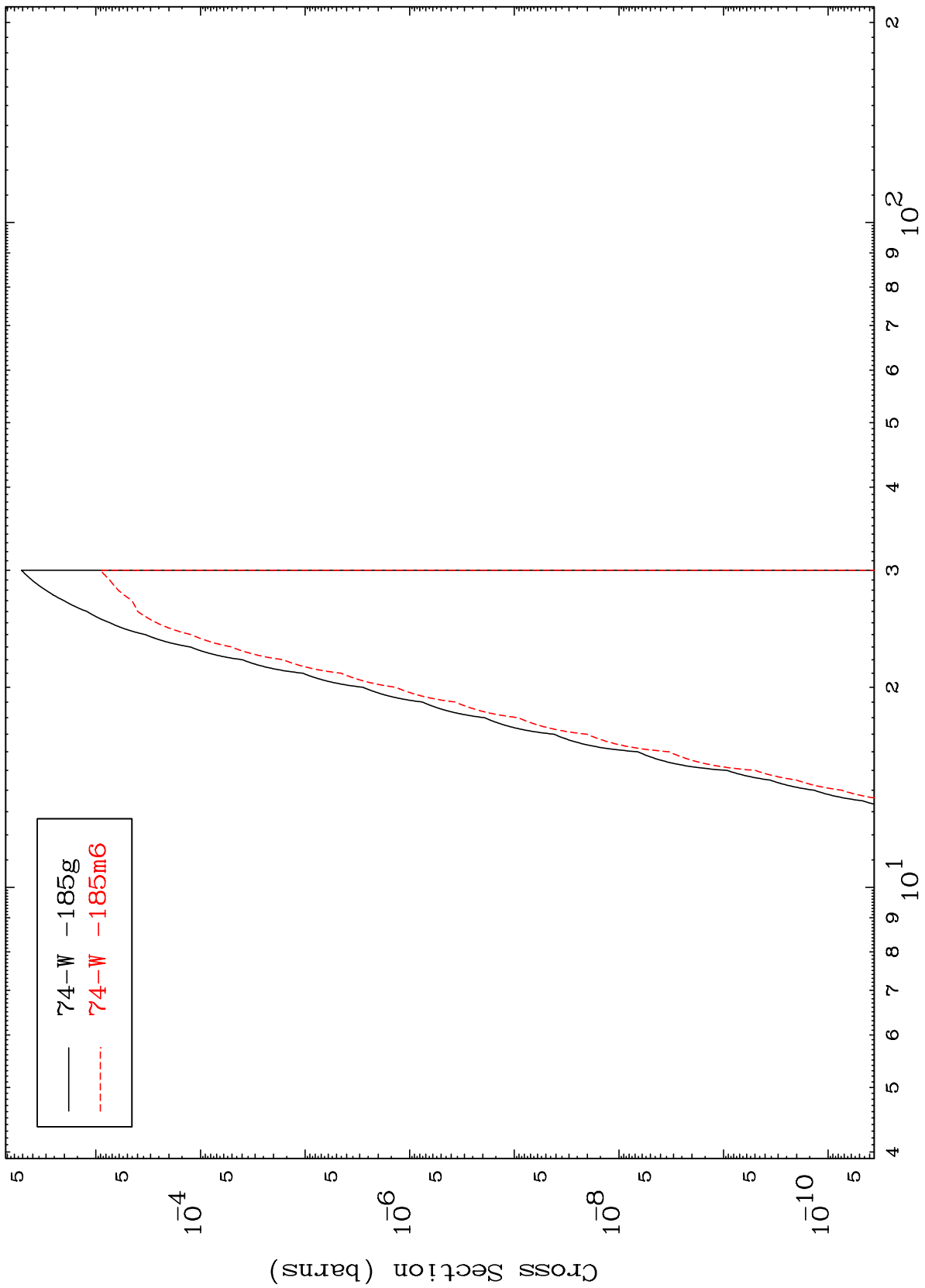


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(n,2n)  $\alpha$

76-Os-190

Radionuclide Production Cross Section



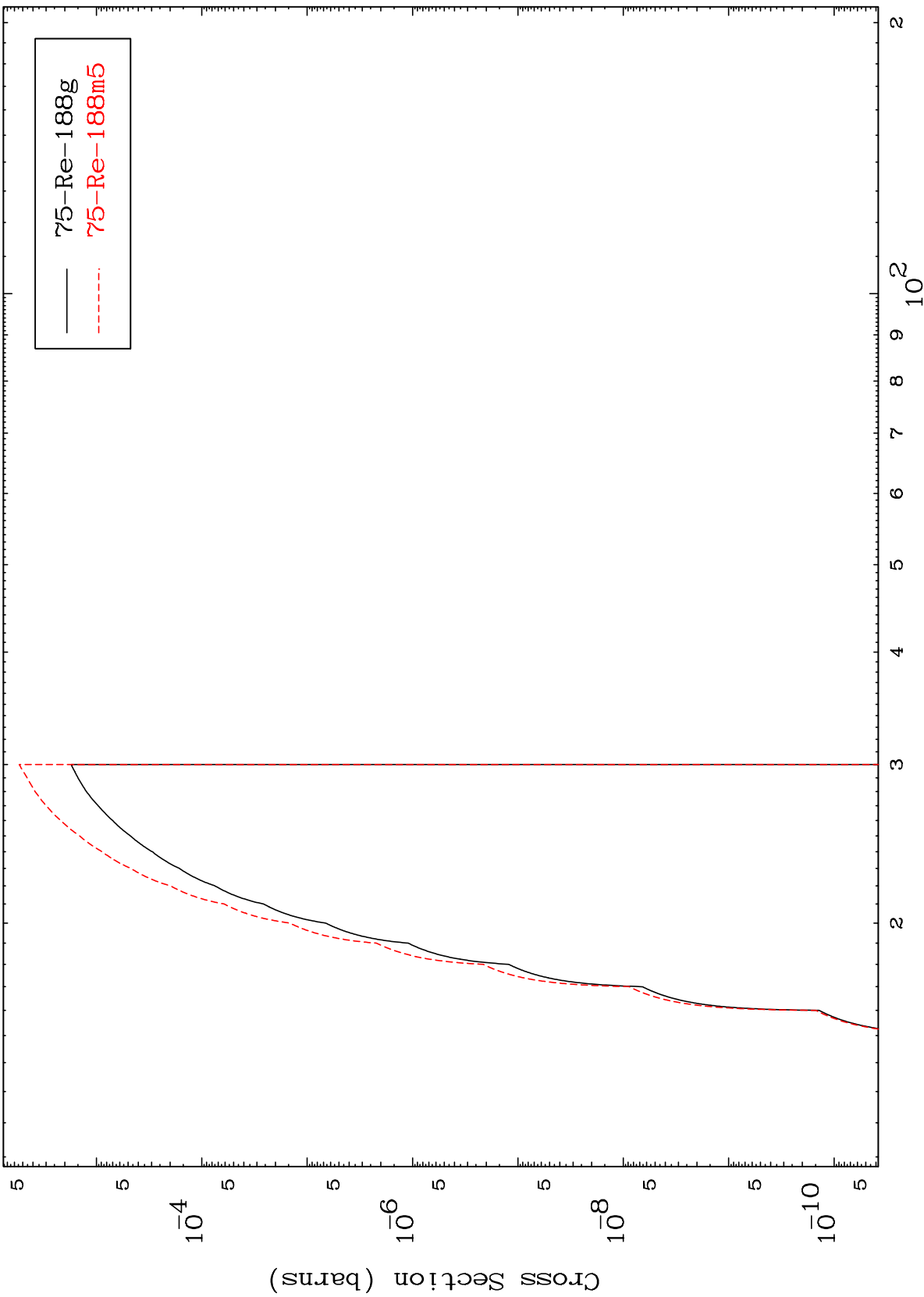
74-W - 185g  
74-W - 185m6

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(n,n') d

76-Os-190

Radionuclide Production Cross Section



23

Incident Energy (MeV)

76-Os-190

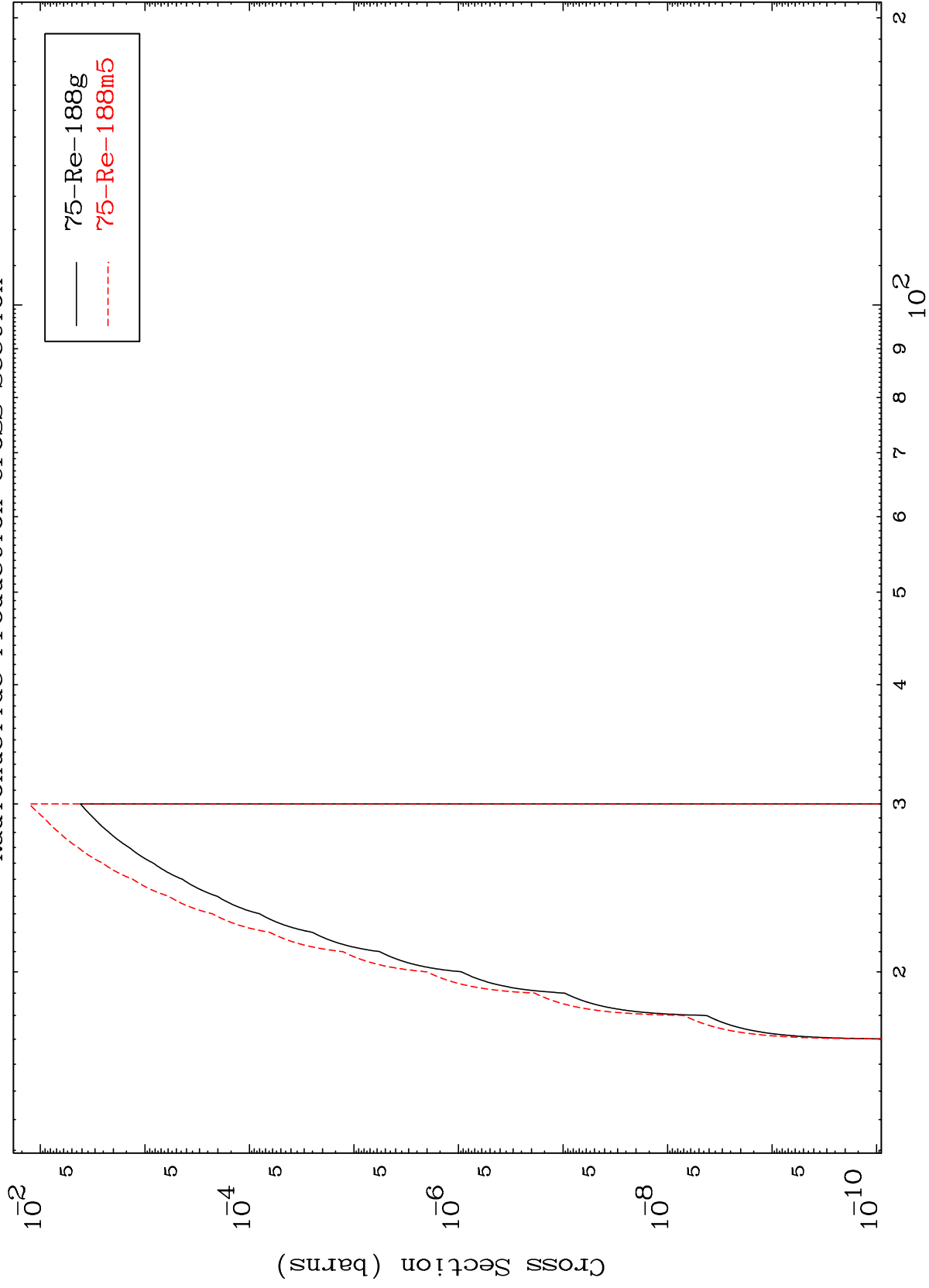


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(n,2n) p

76-Os-190

Radionuclide Production Cross Section



24

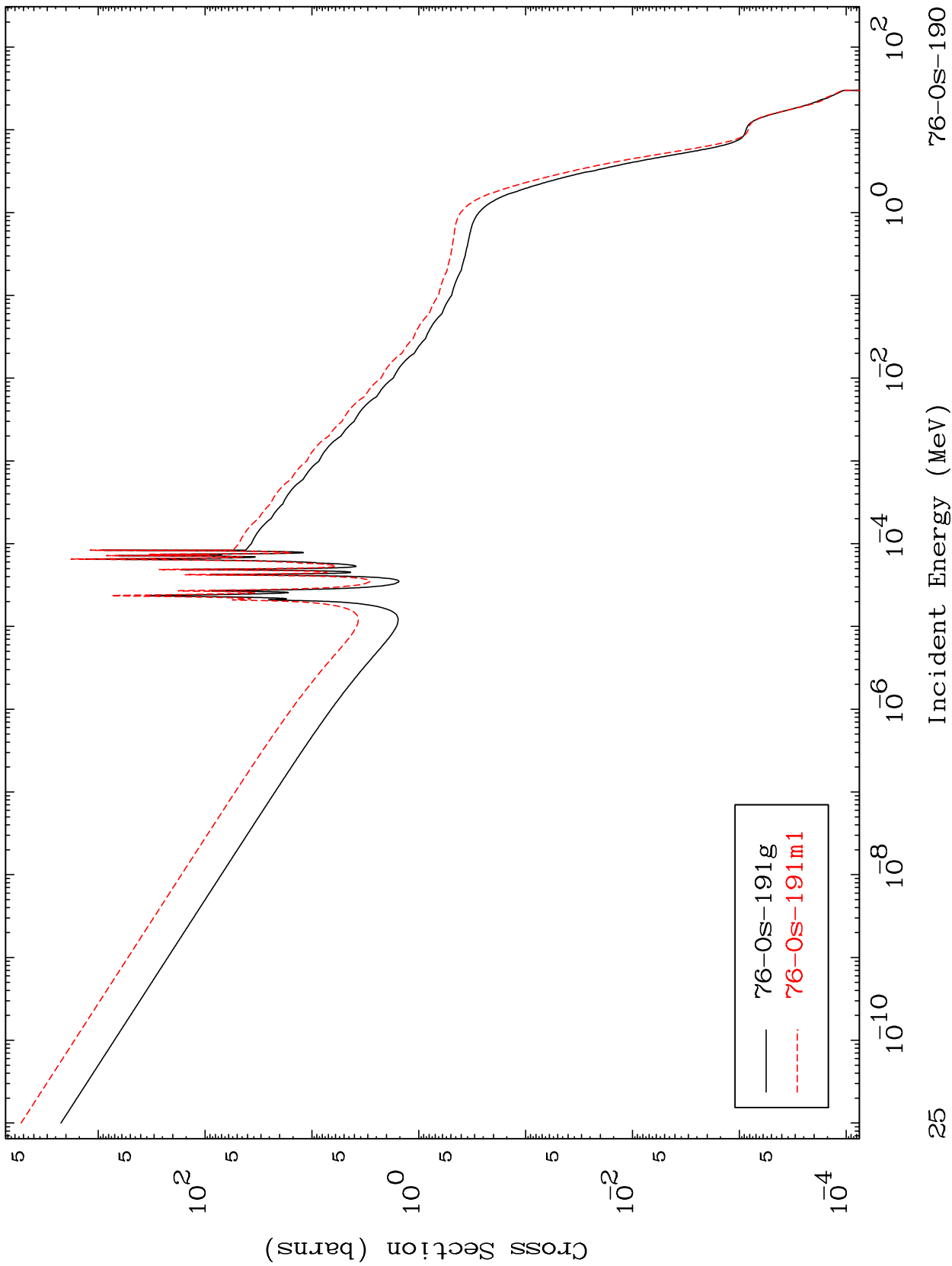
Incident Energy (MeV)

76-Os-190

MAT 7644

76-0s-190

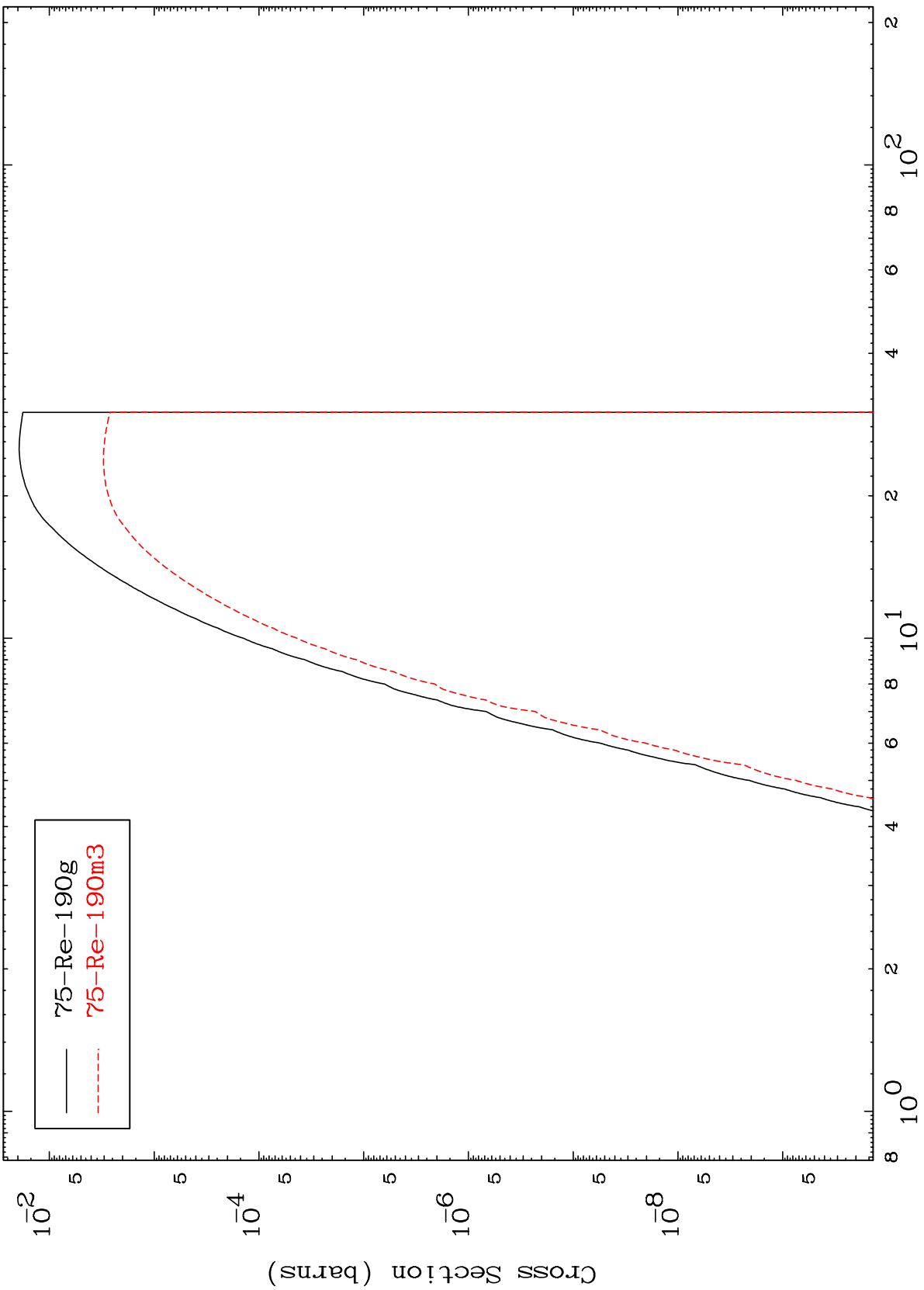
$(n, \gamma)$   
Radionuclide Production Cross Section



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76-Os-190

(n,p)  
Radionuclide Production Cross Section



26

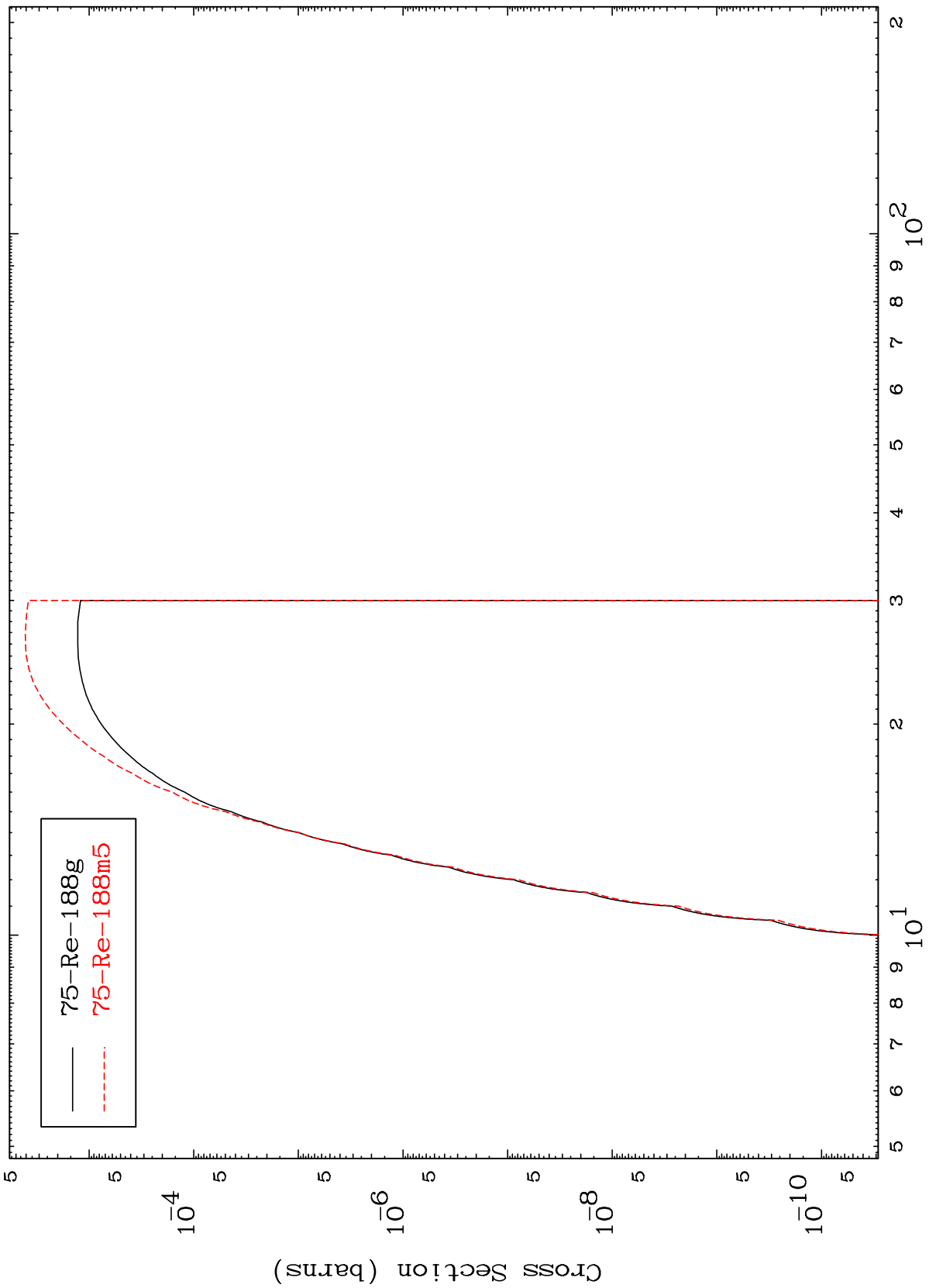
Incident Energy (MeV)

76-Os-190

MAT 7644

76-Os-190

(n, t)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

76-Os-190