

Program EVALPLOT  
(Version 2021-1)

by

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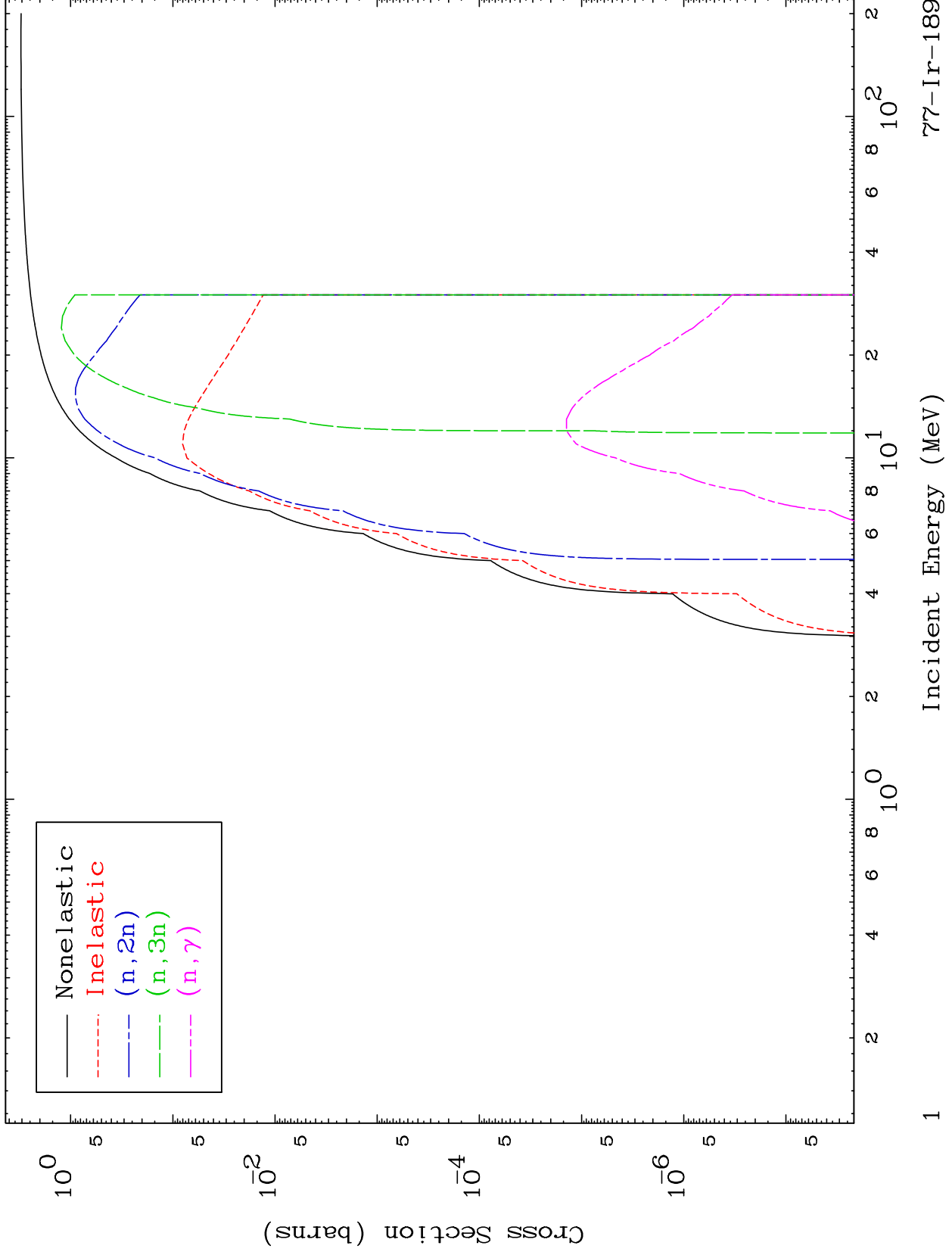
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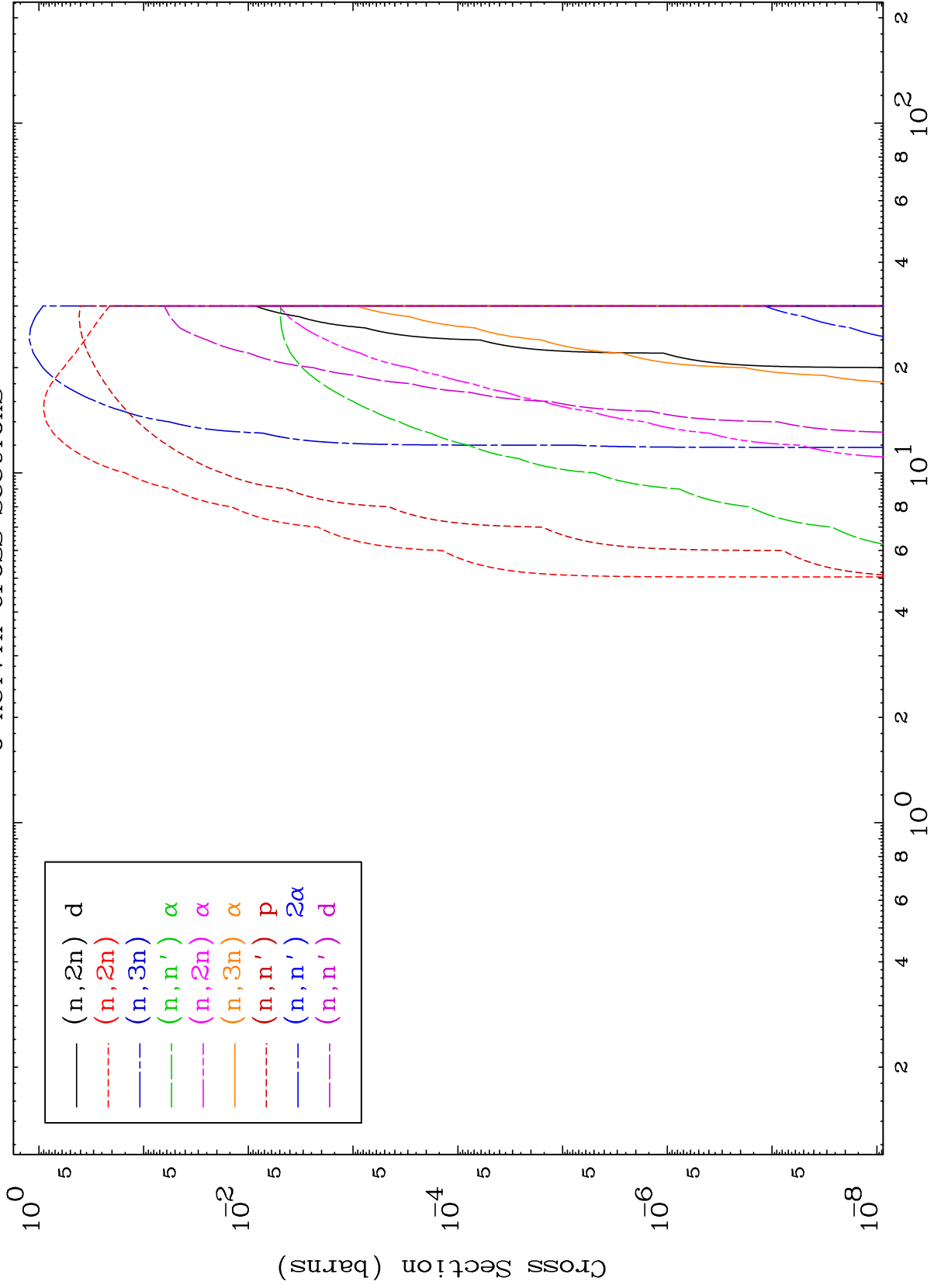
Press Mouse Button to Start

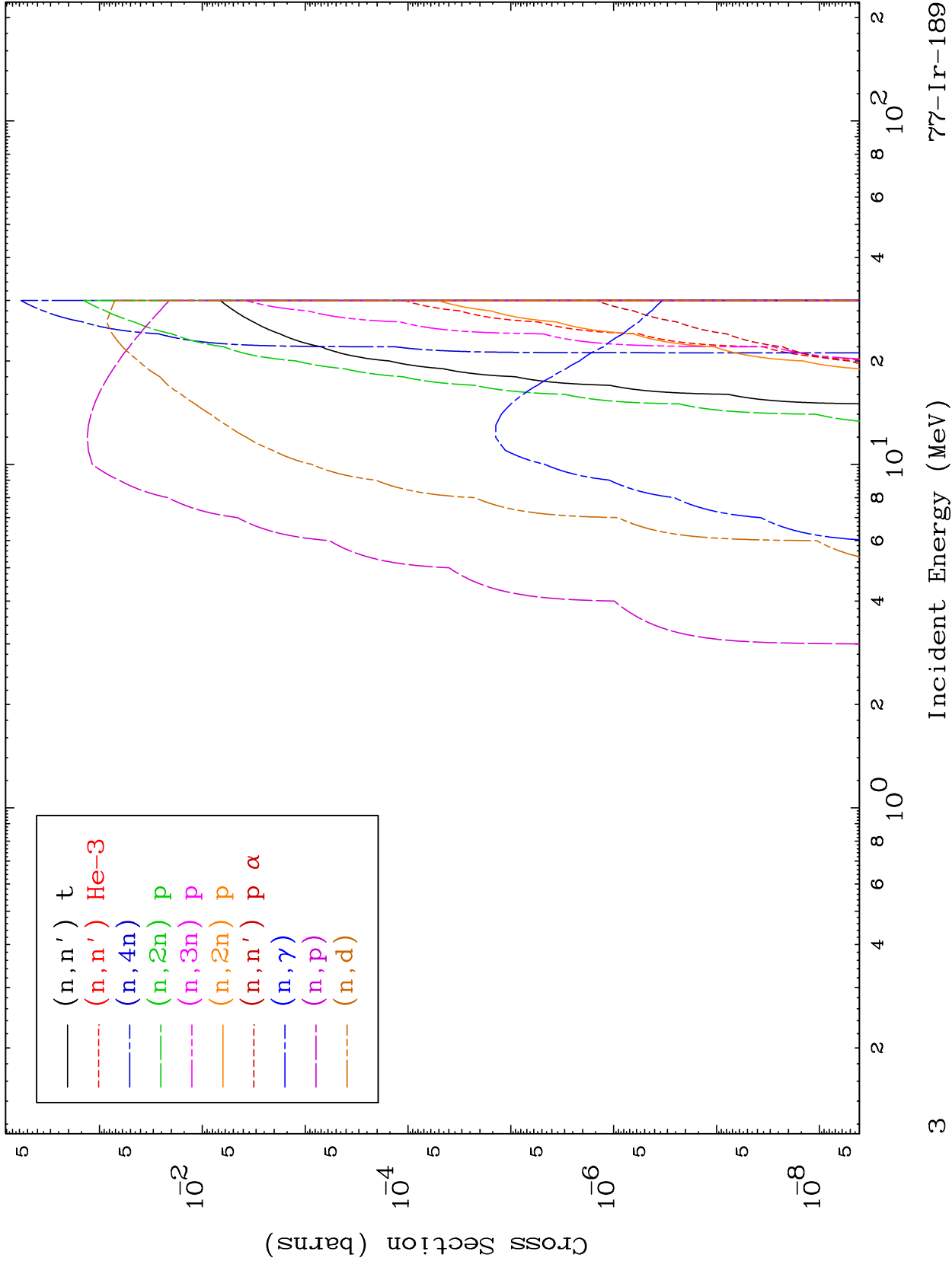
MAT 7719

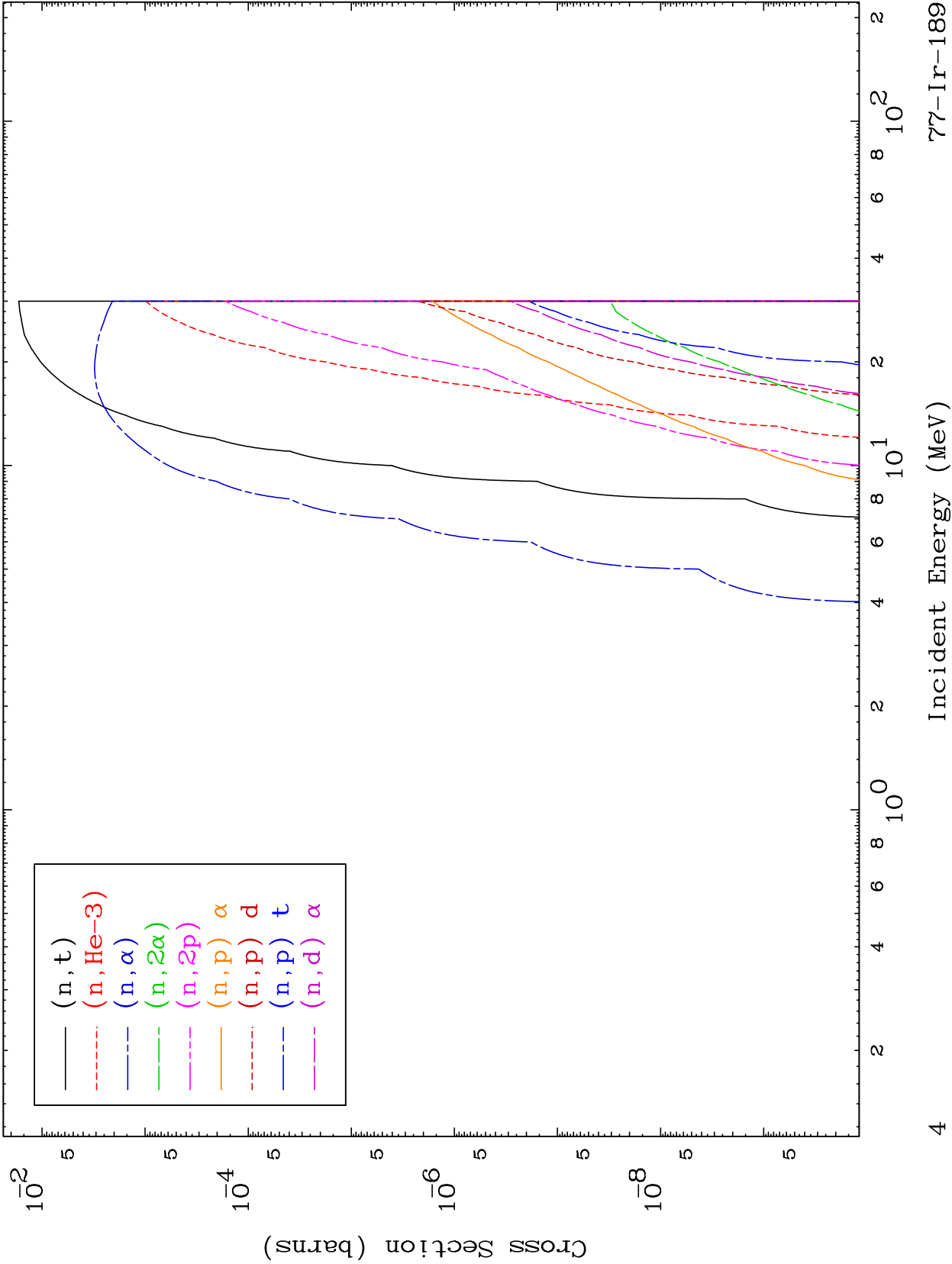
Deuteron Major  
0 Kelvin Cross Sections

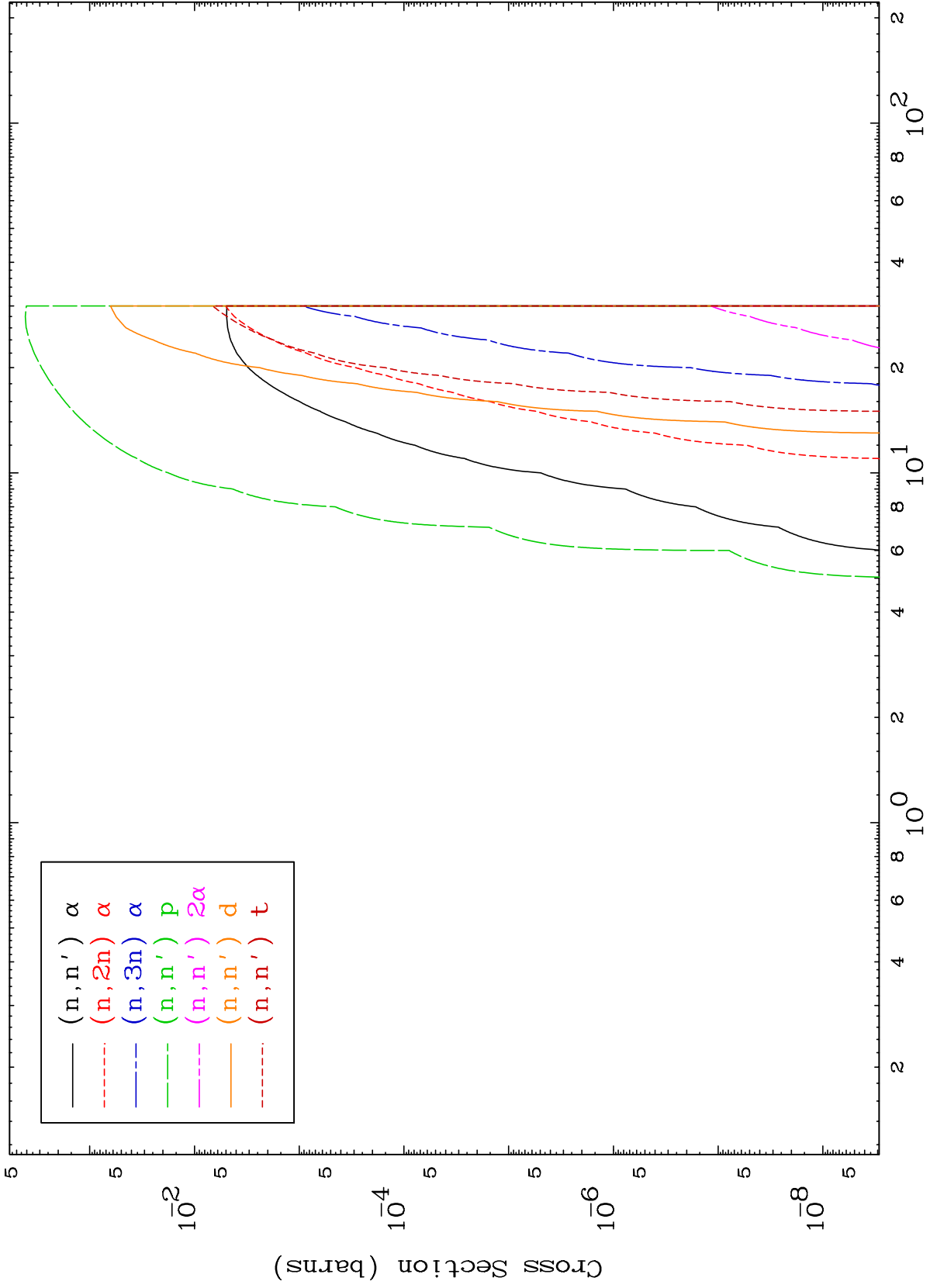
77-Ir-189

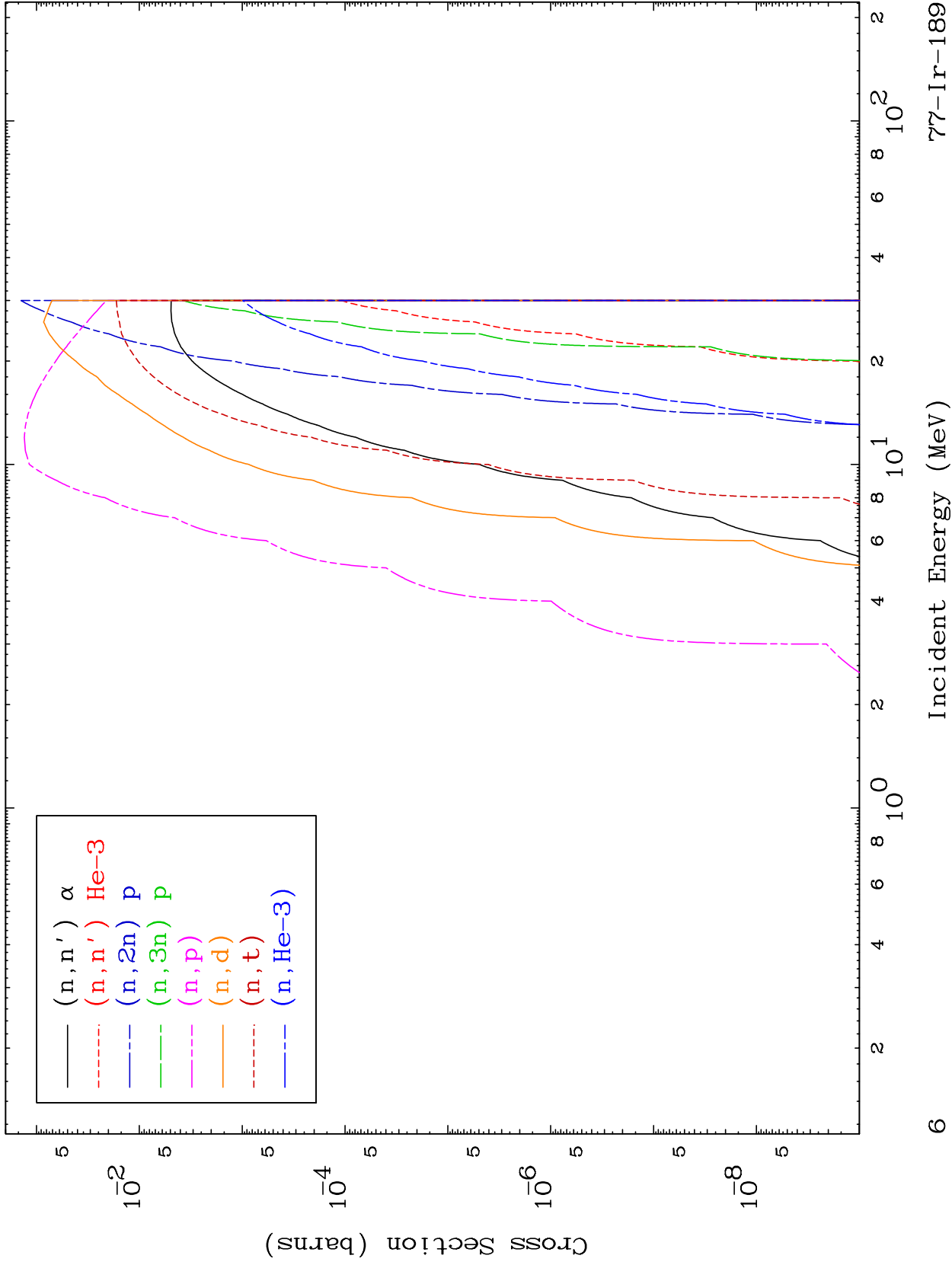








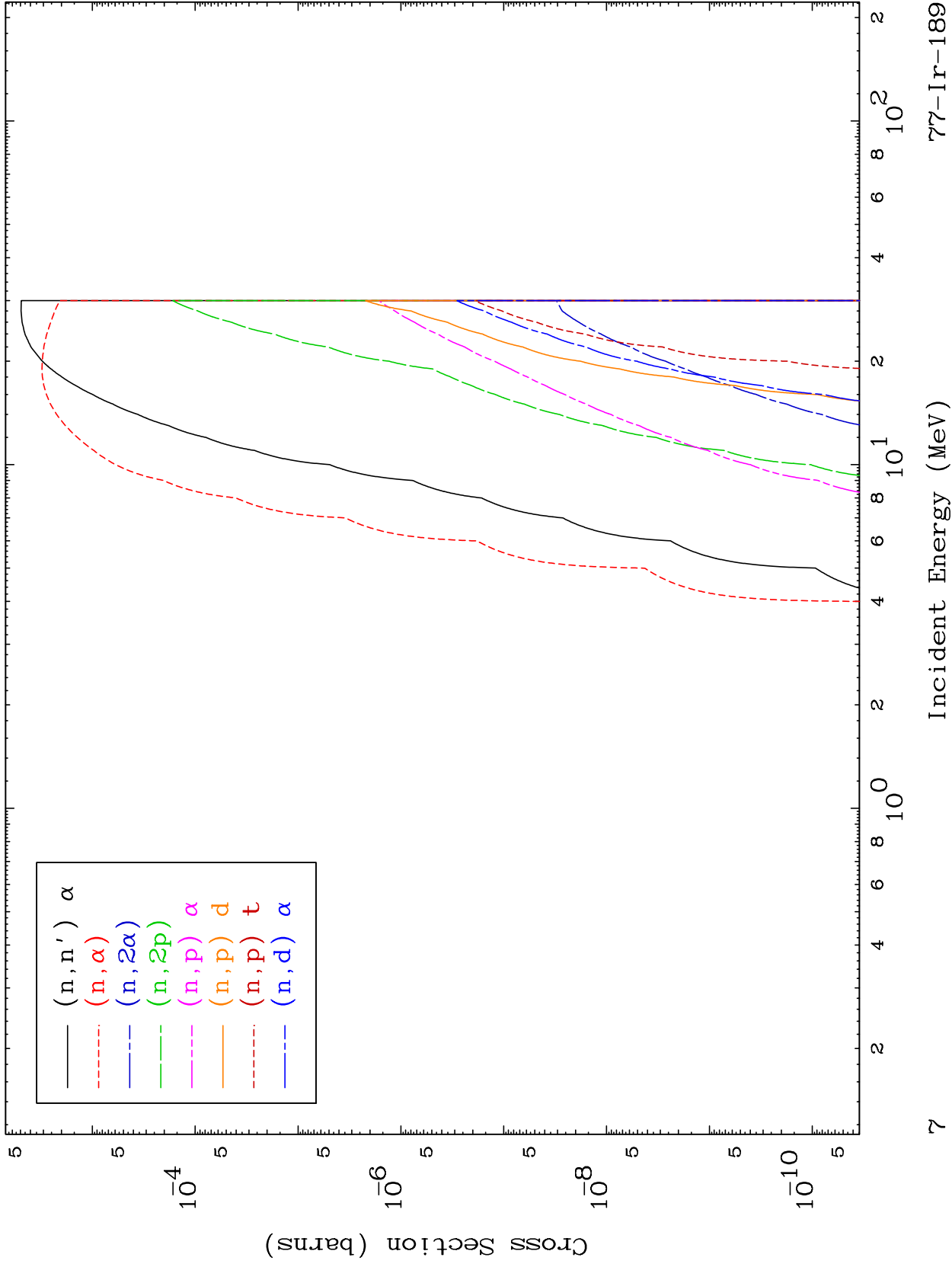




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Deuteron Charged Particle  
0 Kelvin Cross Sections

77-Ir-189

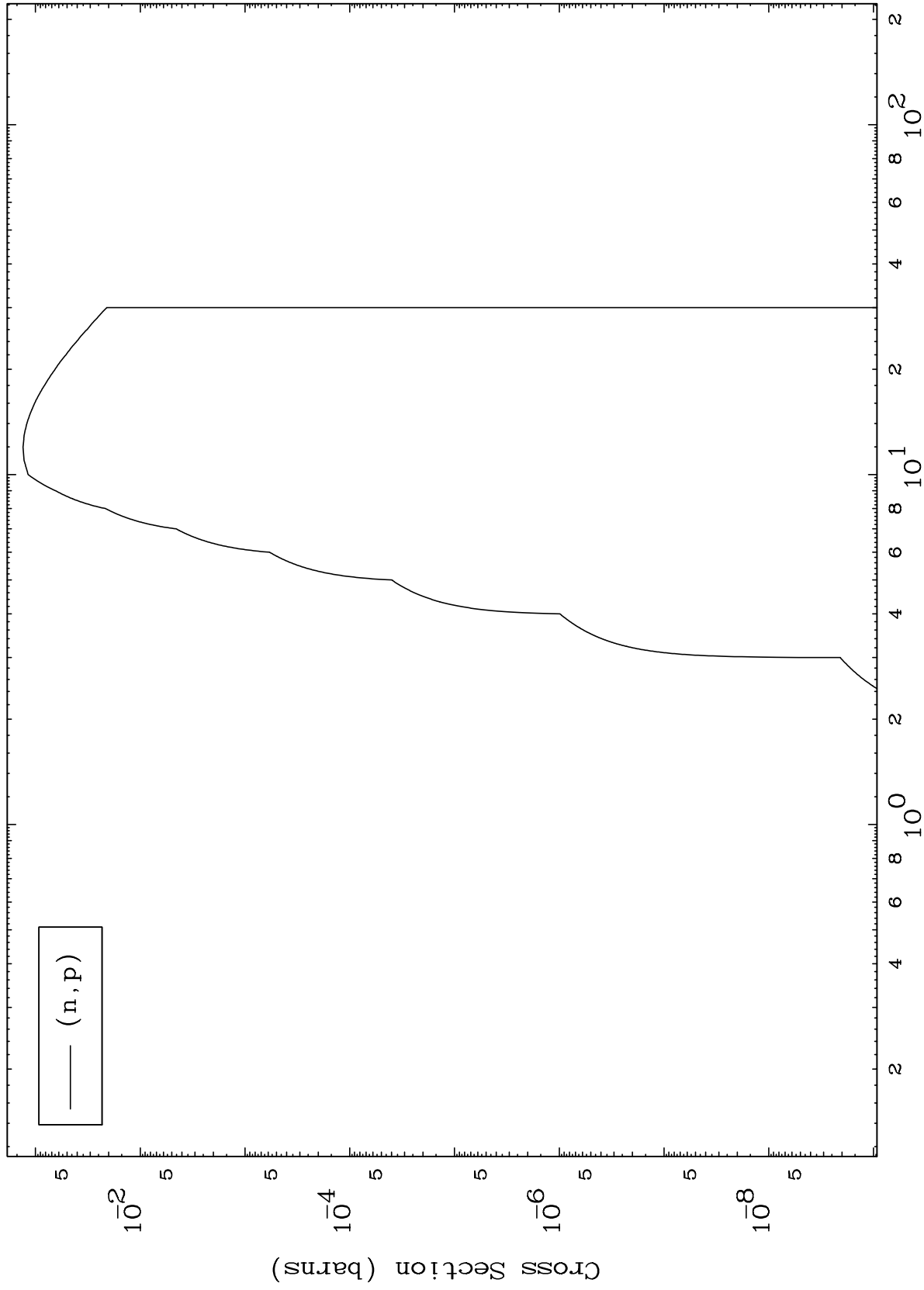


MAT 7719

(d,p) Levels

77-Ir-189

0 Kelvin Cross Sections

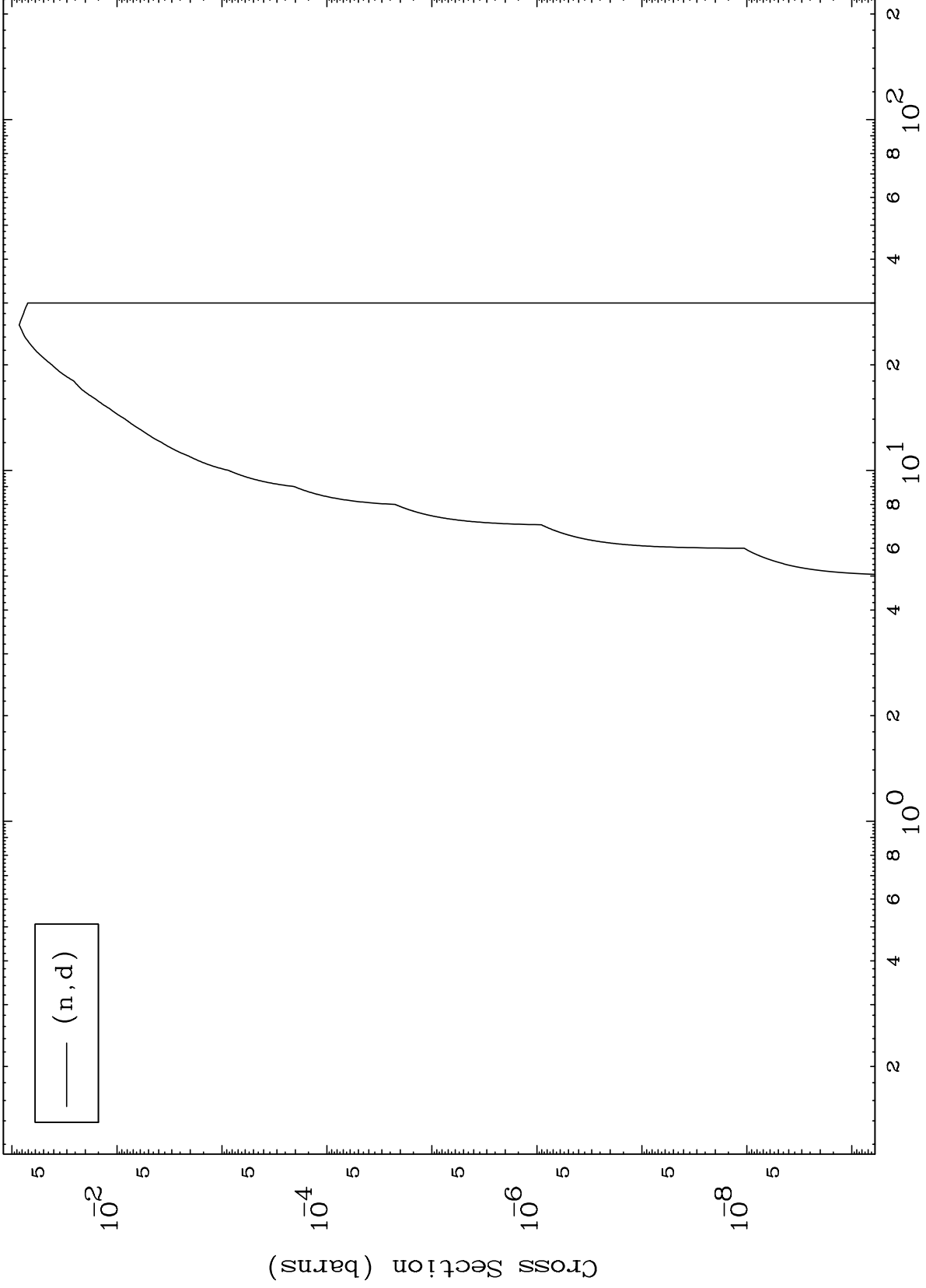


MAT 7719

(d,d) Levels

77-Ir-189

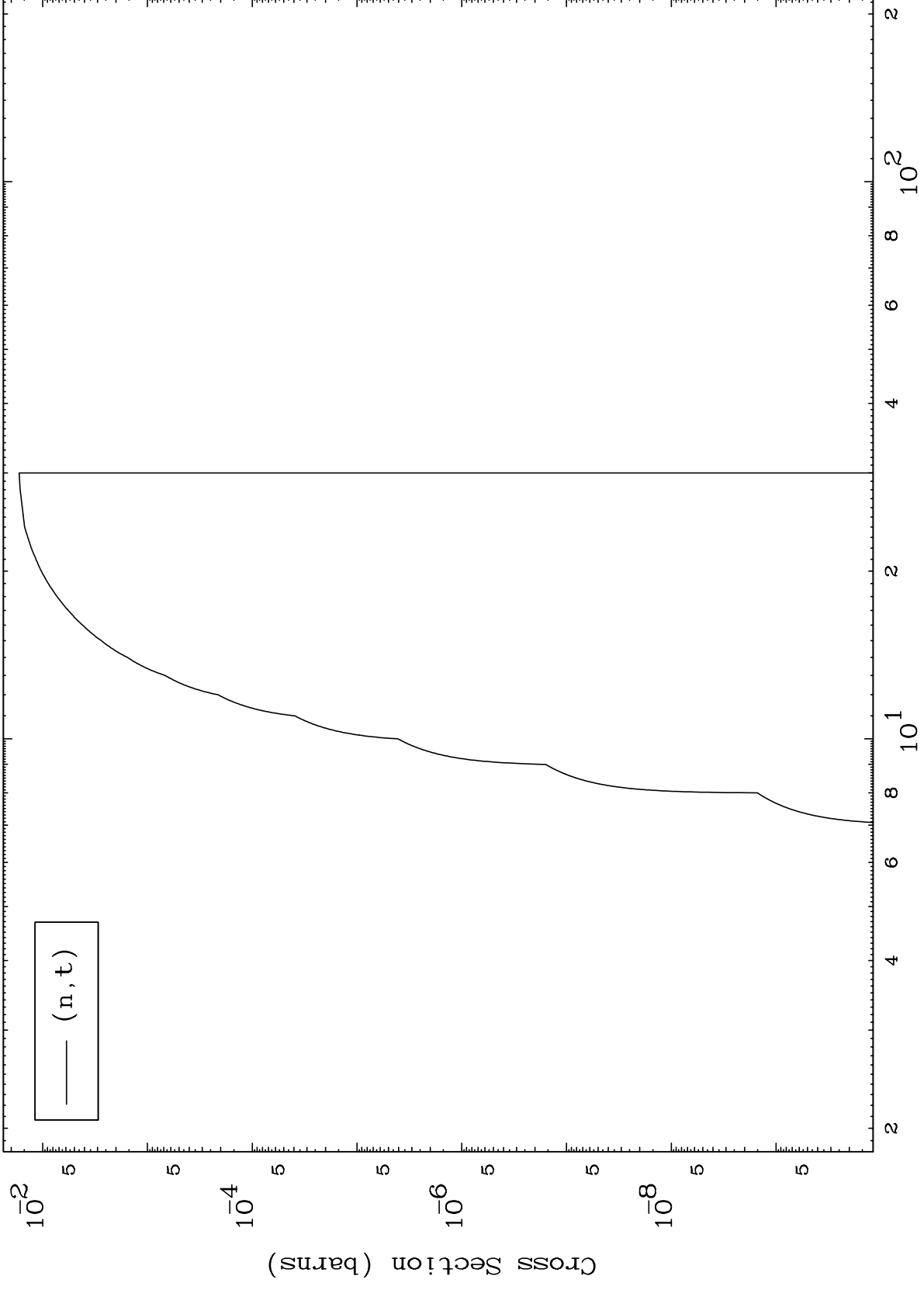
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

77-Ir-189



10

Incident Energy (MeV)

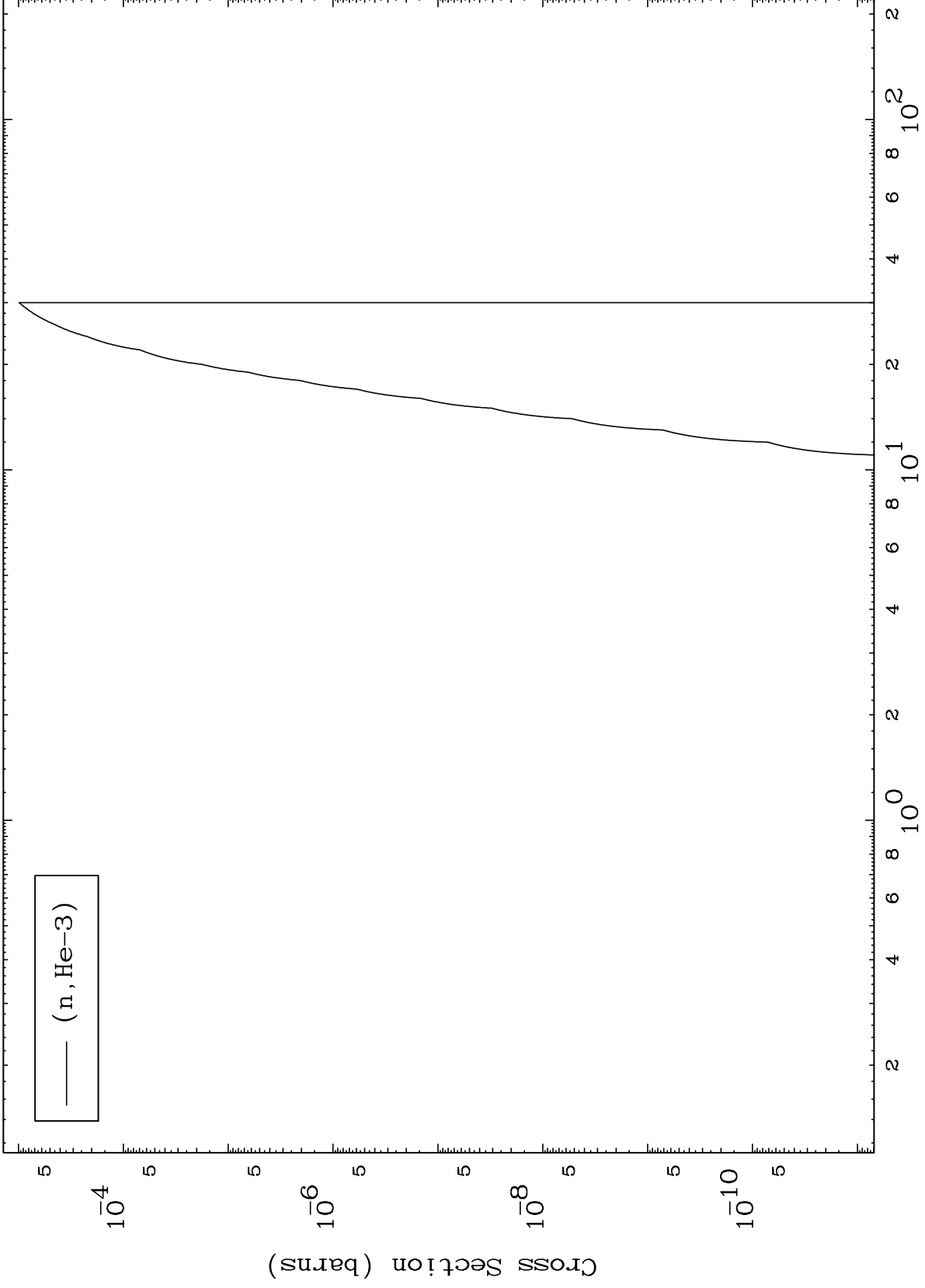
77-Ir-189

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(d,He3) Levels

77-Ir-189

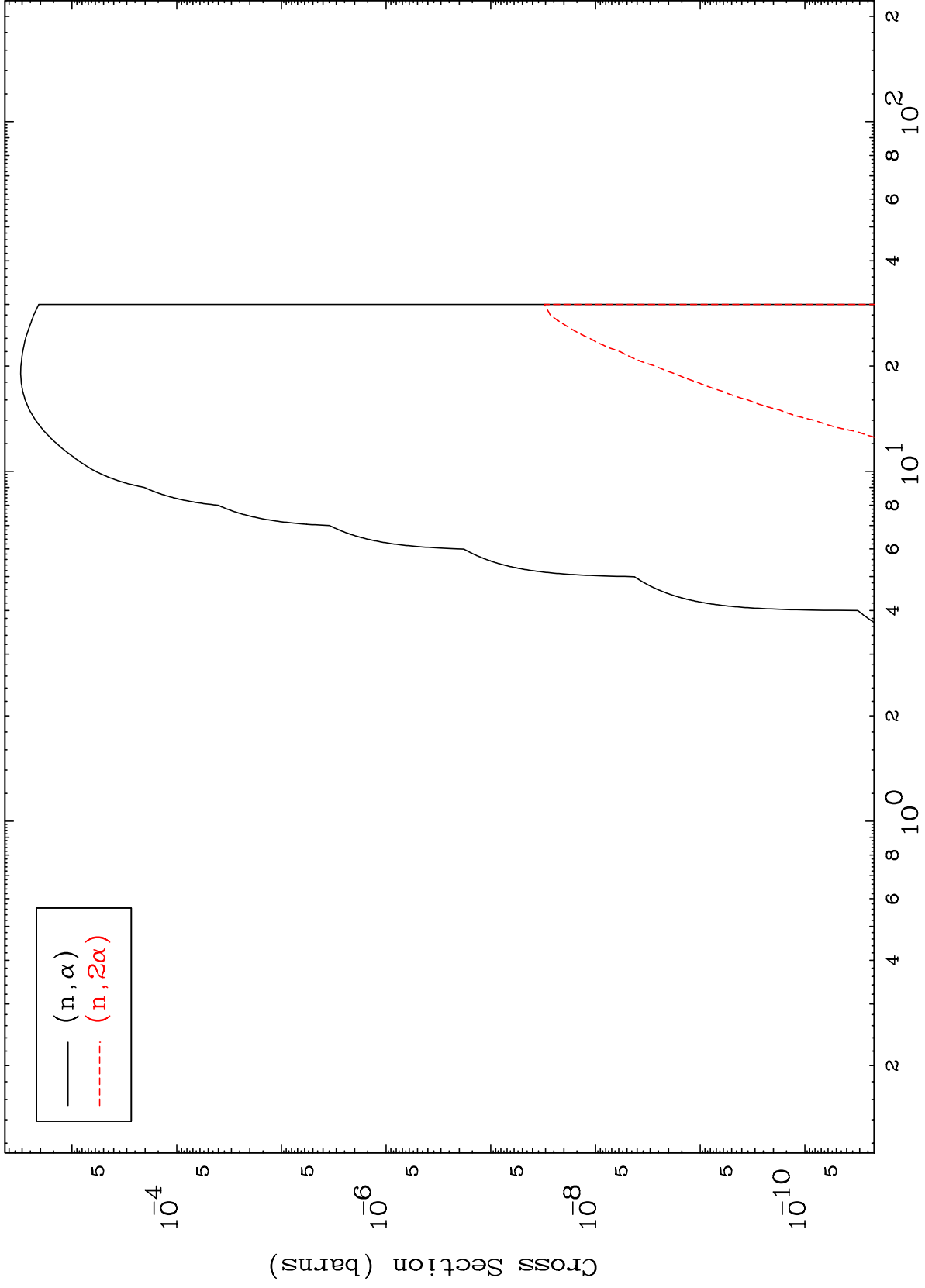
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-189



12

Incident Energy (MeV)

77-Ir-189

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Fission

<sup>77</sup>Ir-189

Radionuclide Production Cross Section

— 0-??-Nat

$10^{-2}$

$10^{-4}$

$10^{-6}$

$10^{-8}$

Cross Section (barns)

4 6 8  $10^0$

4 6 8  $10^1$

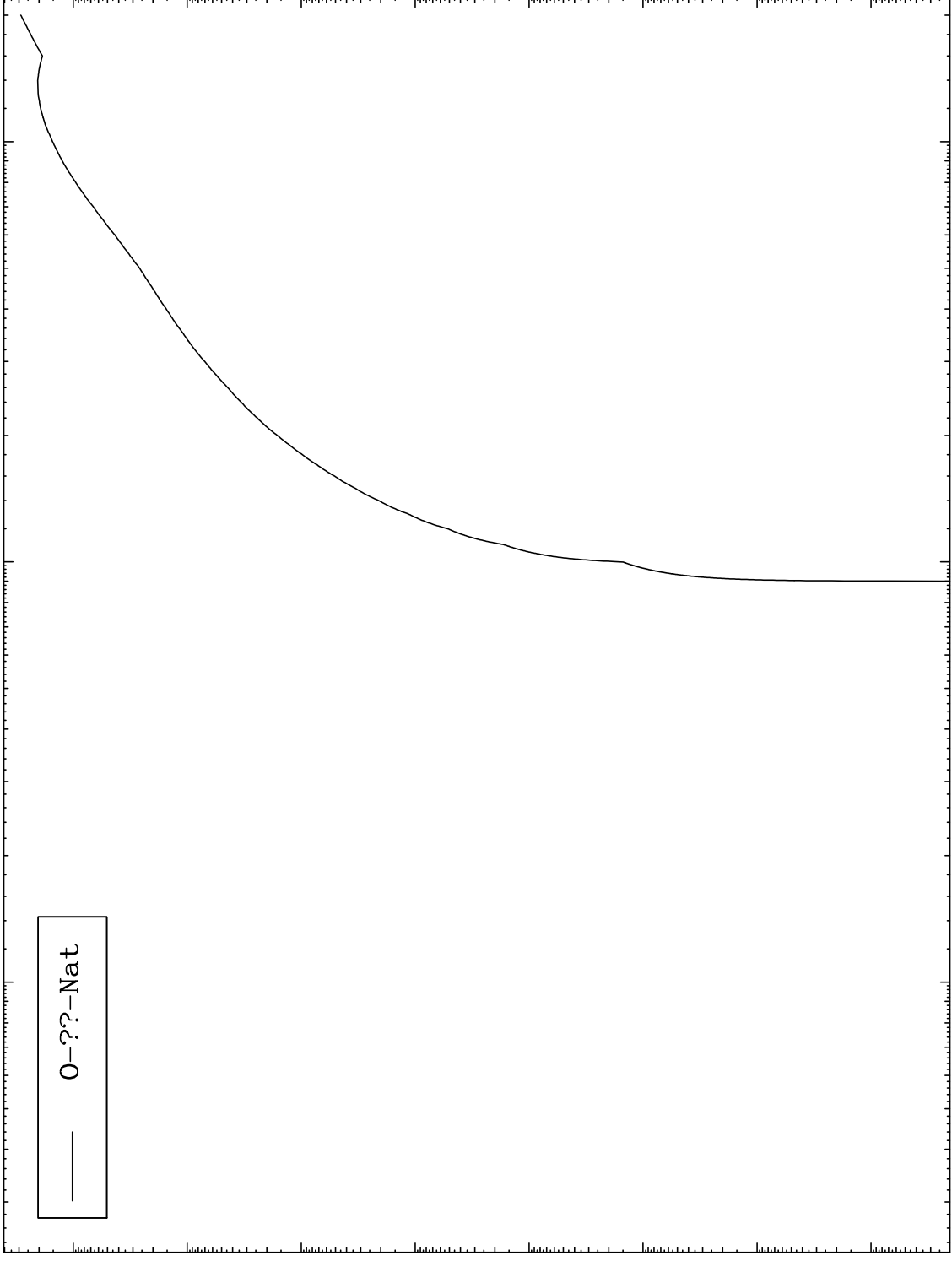
4 6 8  $10^2$

2

13

Incident Energy (MeV)

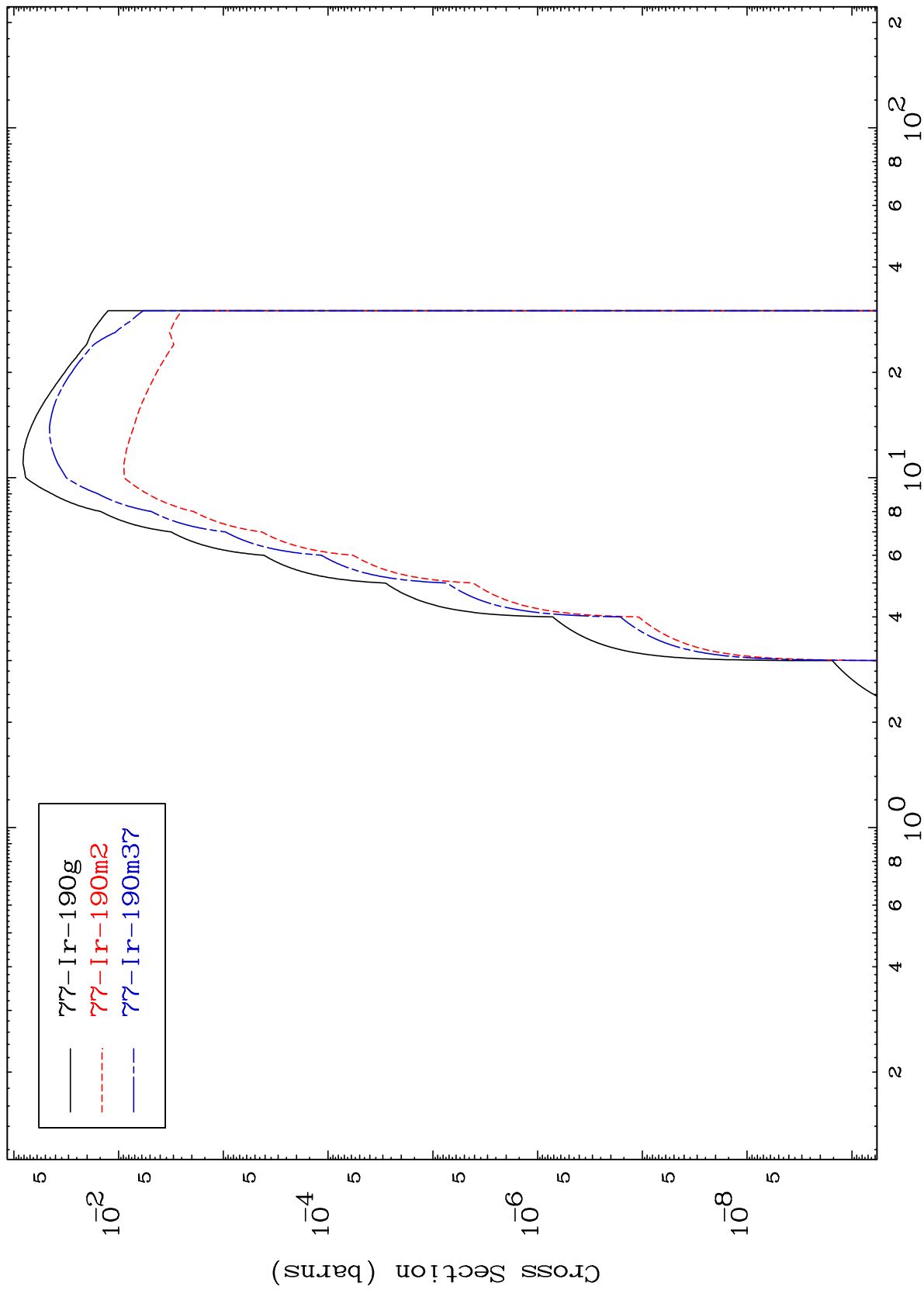
<sup>77</sup>Ir-189



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77-Ir-189

(n,p)  
Radionuclide Production Cross Section



77-Ir-189

Incident Energy (MeV)

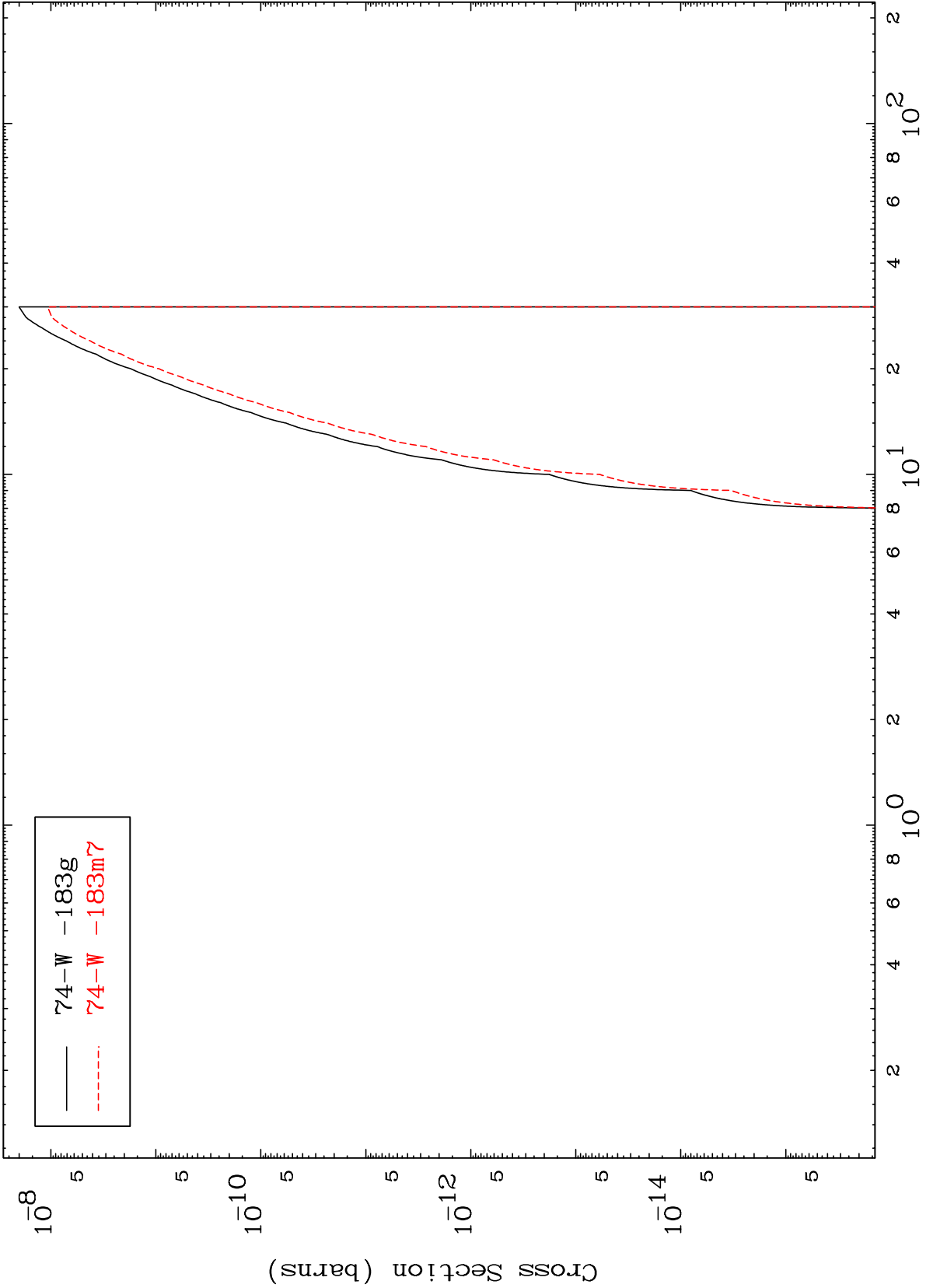
14

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(n,2α)

77-Ir-189

Radionuclide Production Cross Section



74-W-183g  
74-W-183m7

15

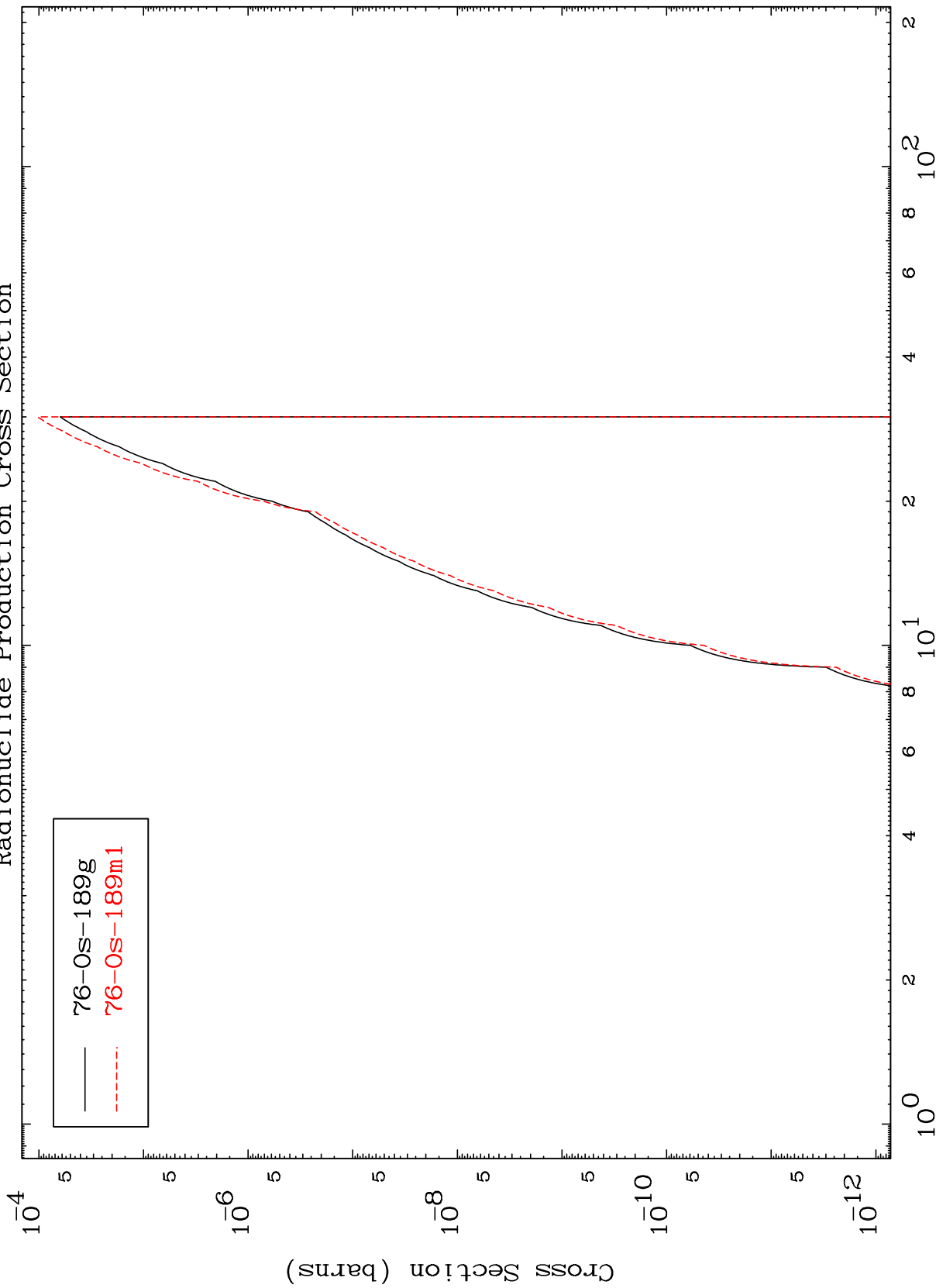
Incident Energy (MeV)

77-Ir-189

MAT 7719

77-Ir-189

(n,2p)  
Radionuclide Production Cross Section



76-0s-189g  
76-0s-189m1

77-Ir-189

Incident Energy (MeV)

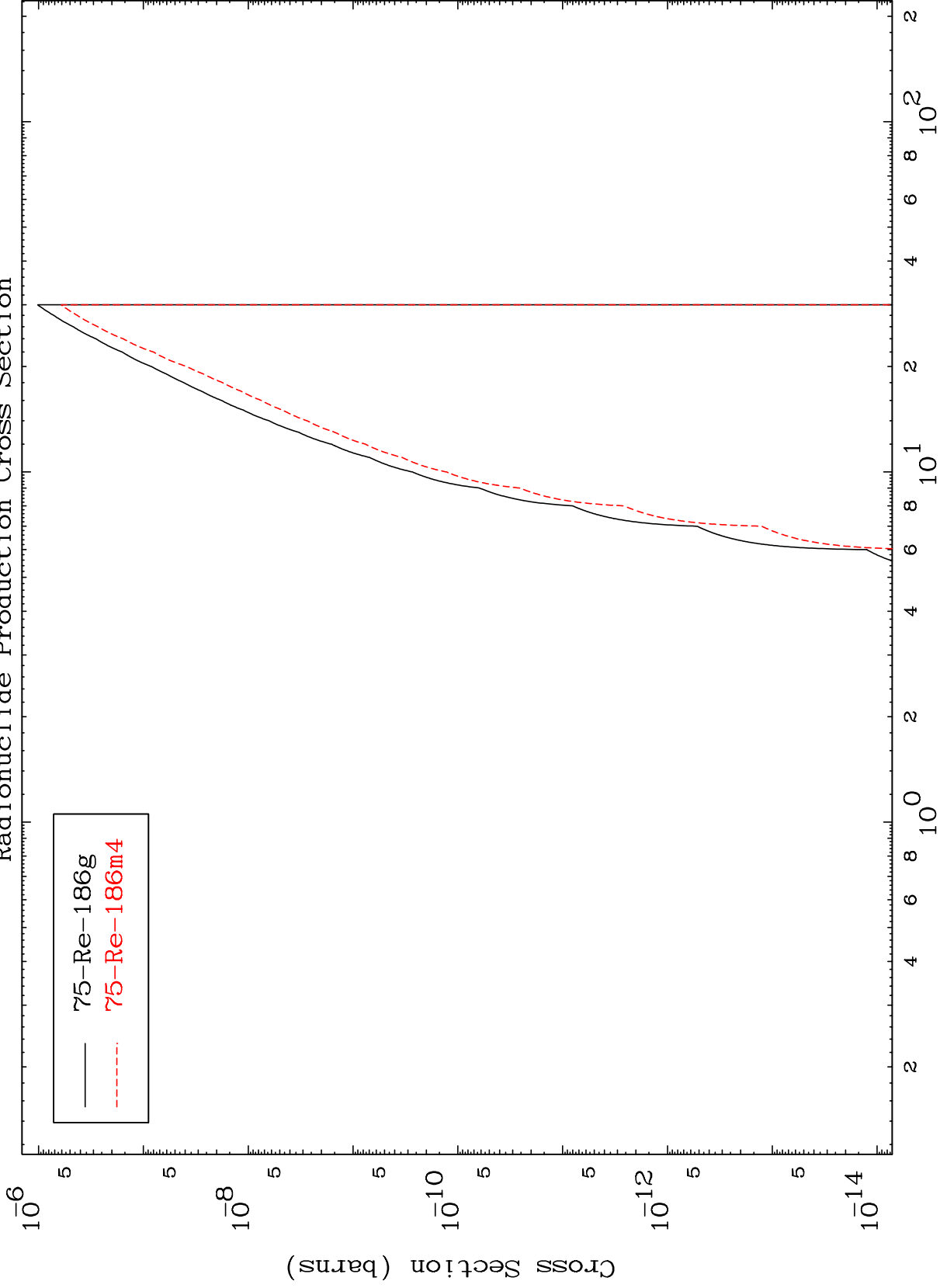
16

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(n,p)  $\alpha$

<sup>77</sup>Ir-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

<sup>77</sup>Ir-189