

Program EVALPLOT  
(Version 2021-1)

by

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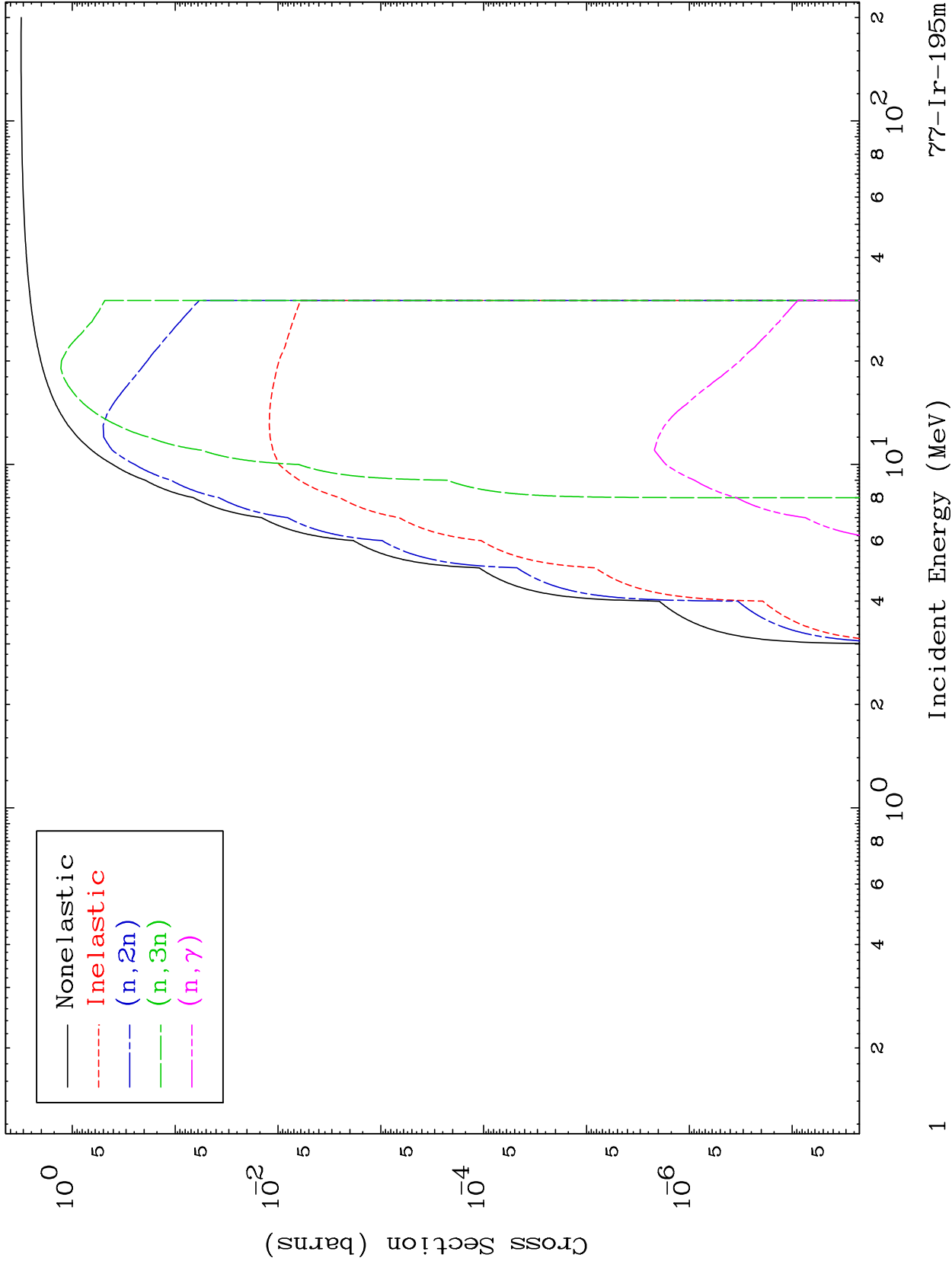
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7738

Deuteron Major  
0 Kelvin Cross Sections

77-Ir-195m

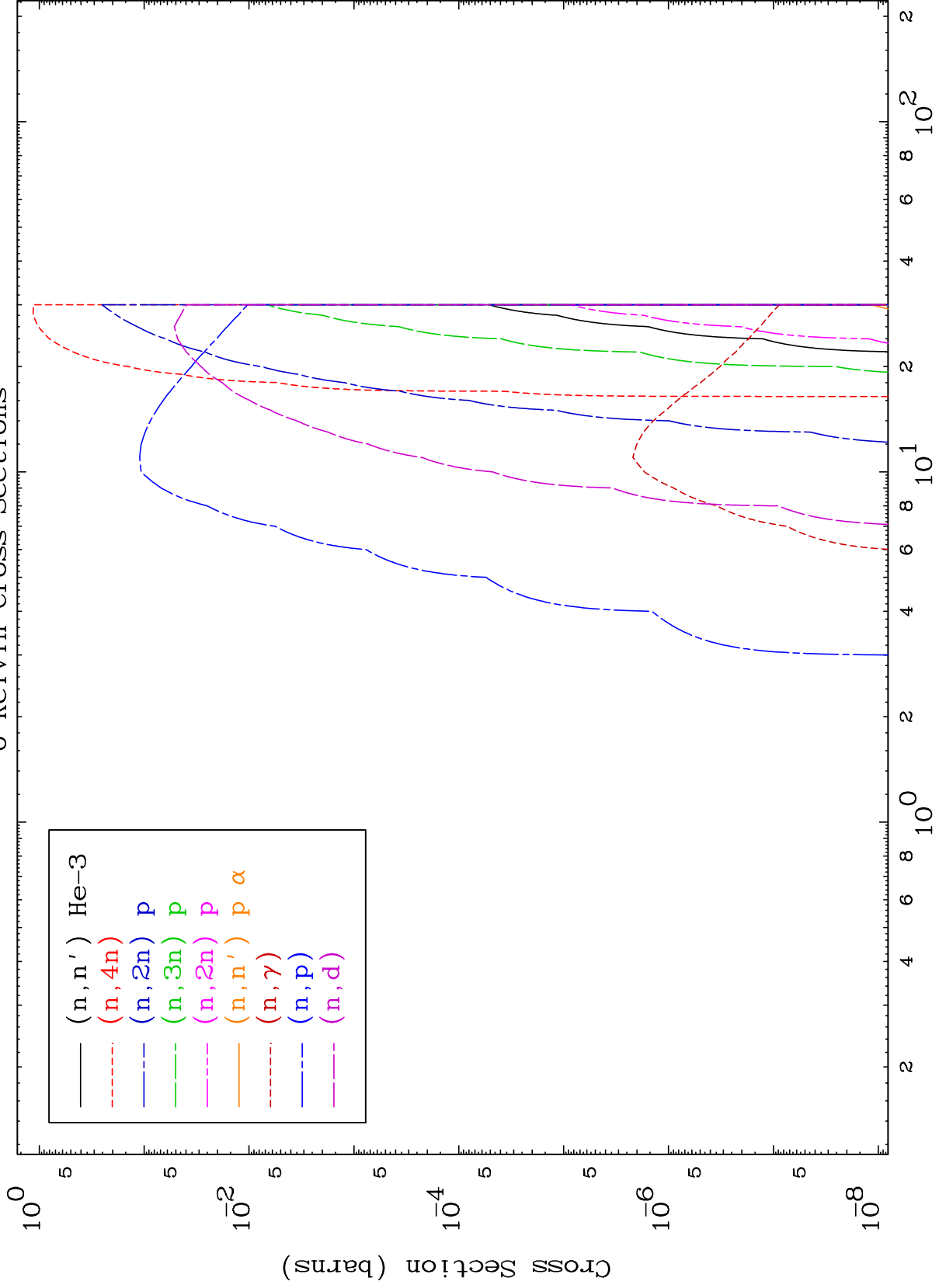




MAT 7738

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

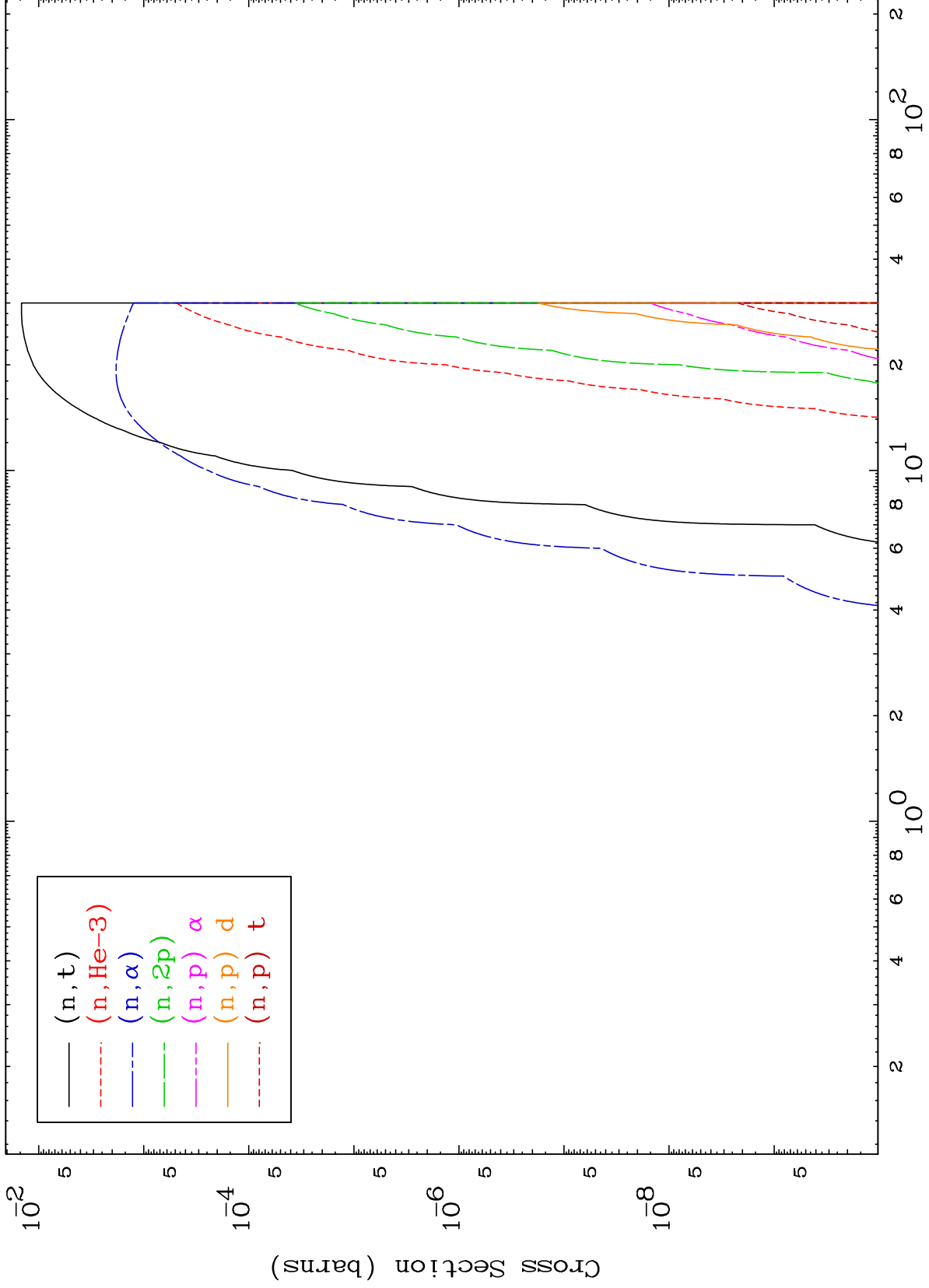
77-Ir-195m

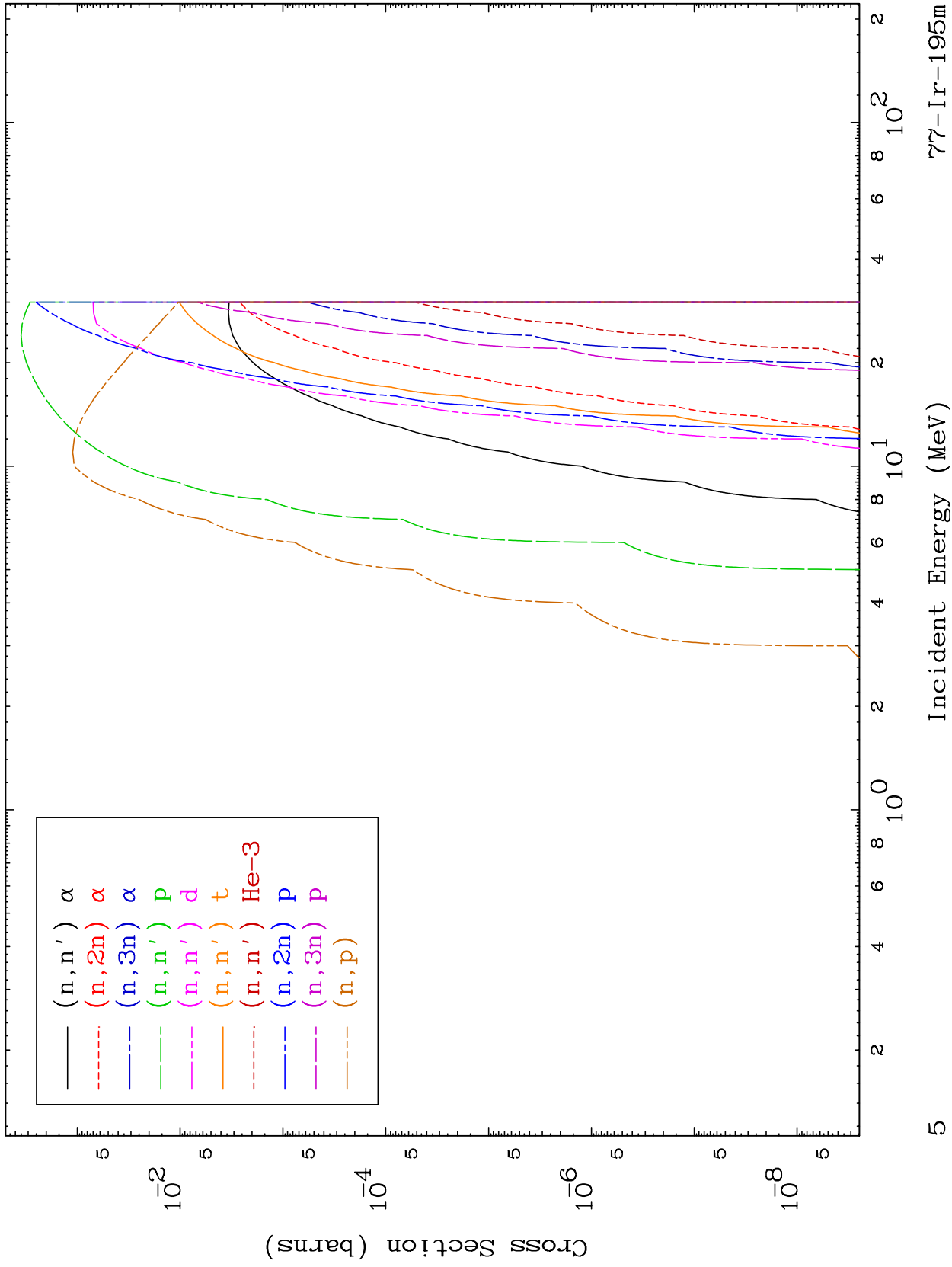


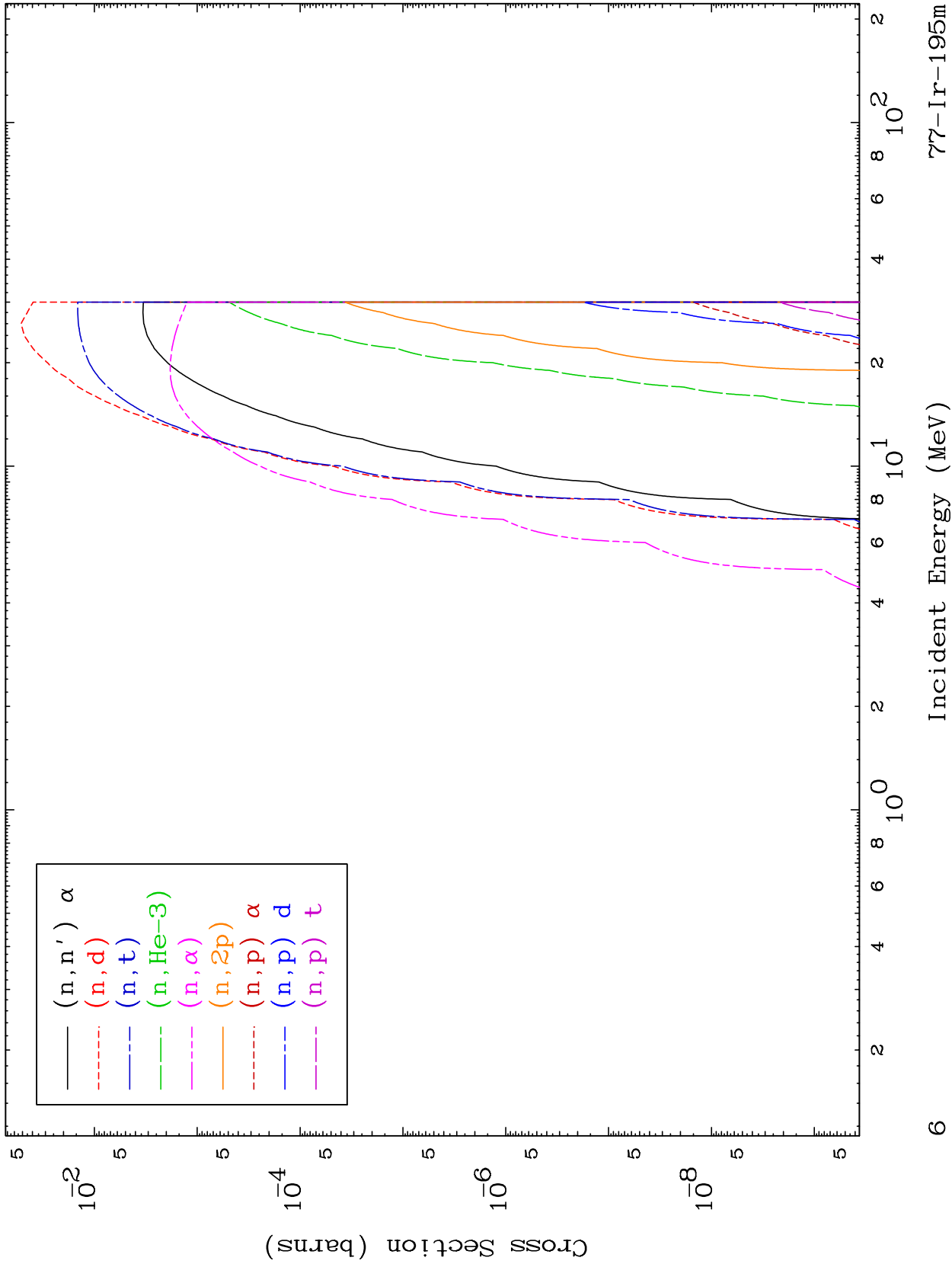
MAT 7738

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-195m





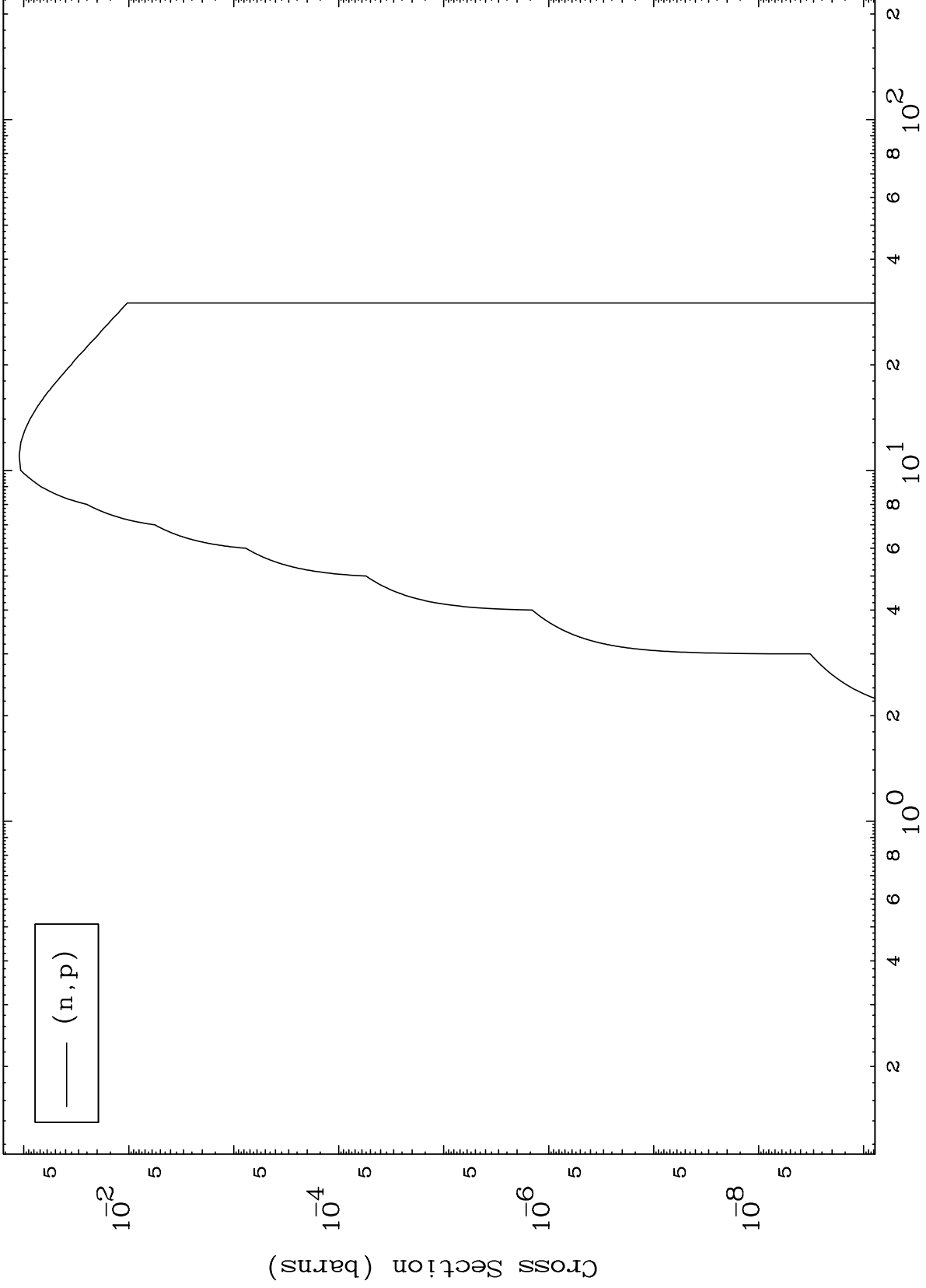


MAT 7738

(d,p) Levels

77-Ir-195m

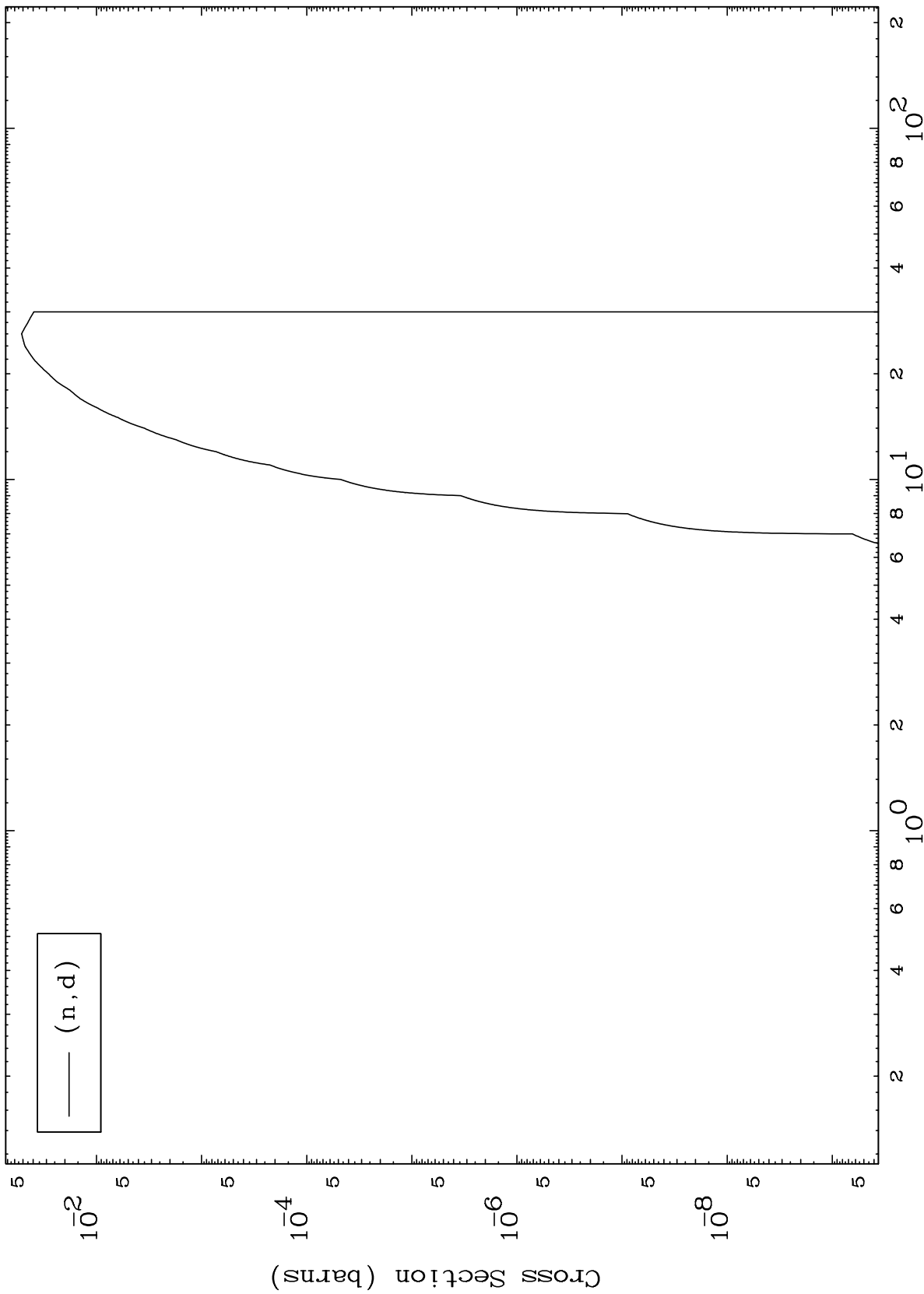
0 Kelvin Cross Sections



MAT 7738

77-Ir-195m

(d,d) Levels  
0 Kelvin Cross Sections

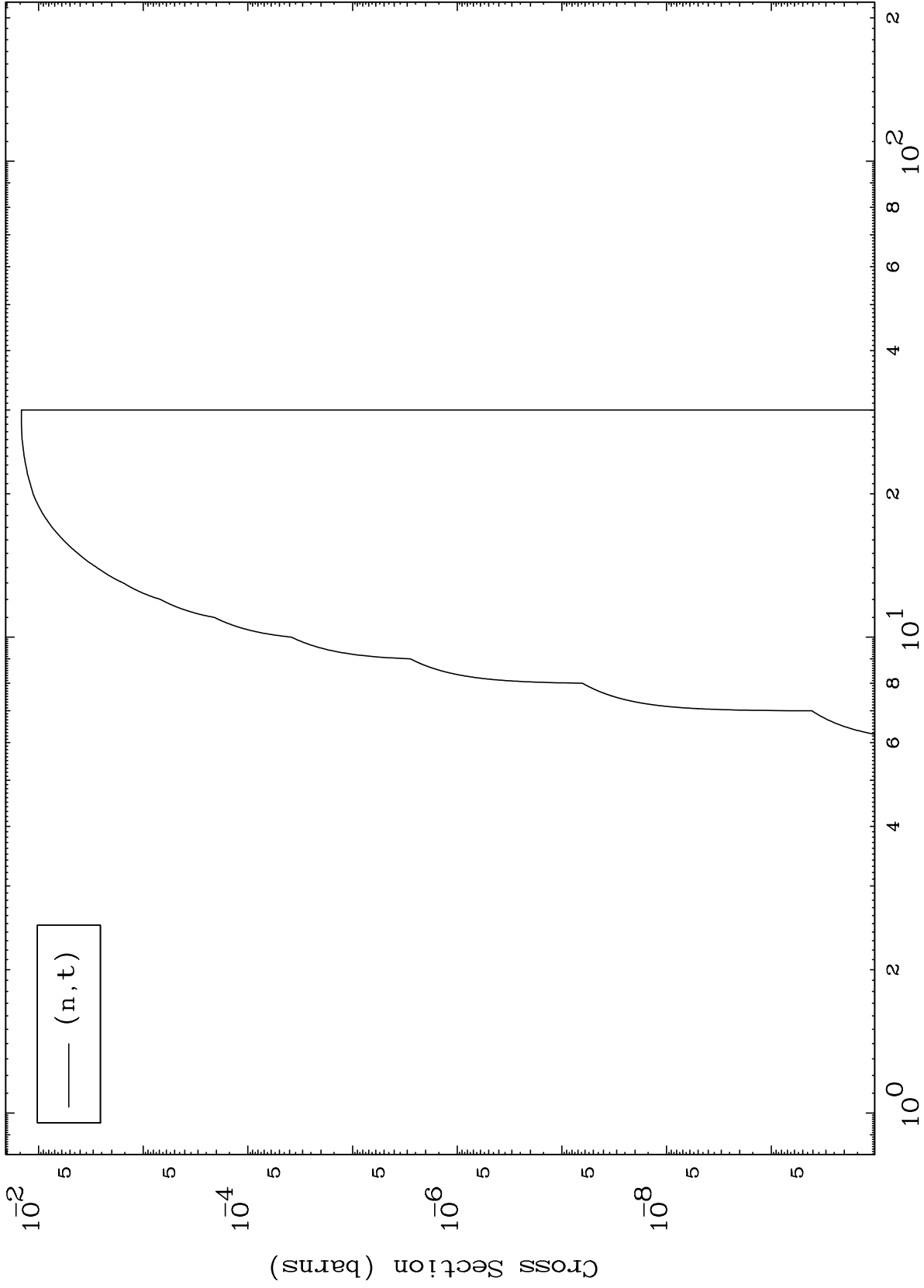


MAT 7738

(d,t) Levels

77-Ir-195m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

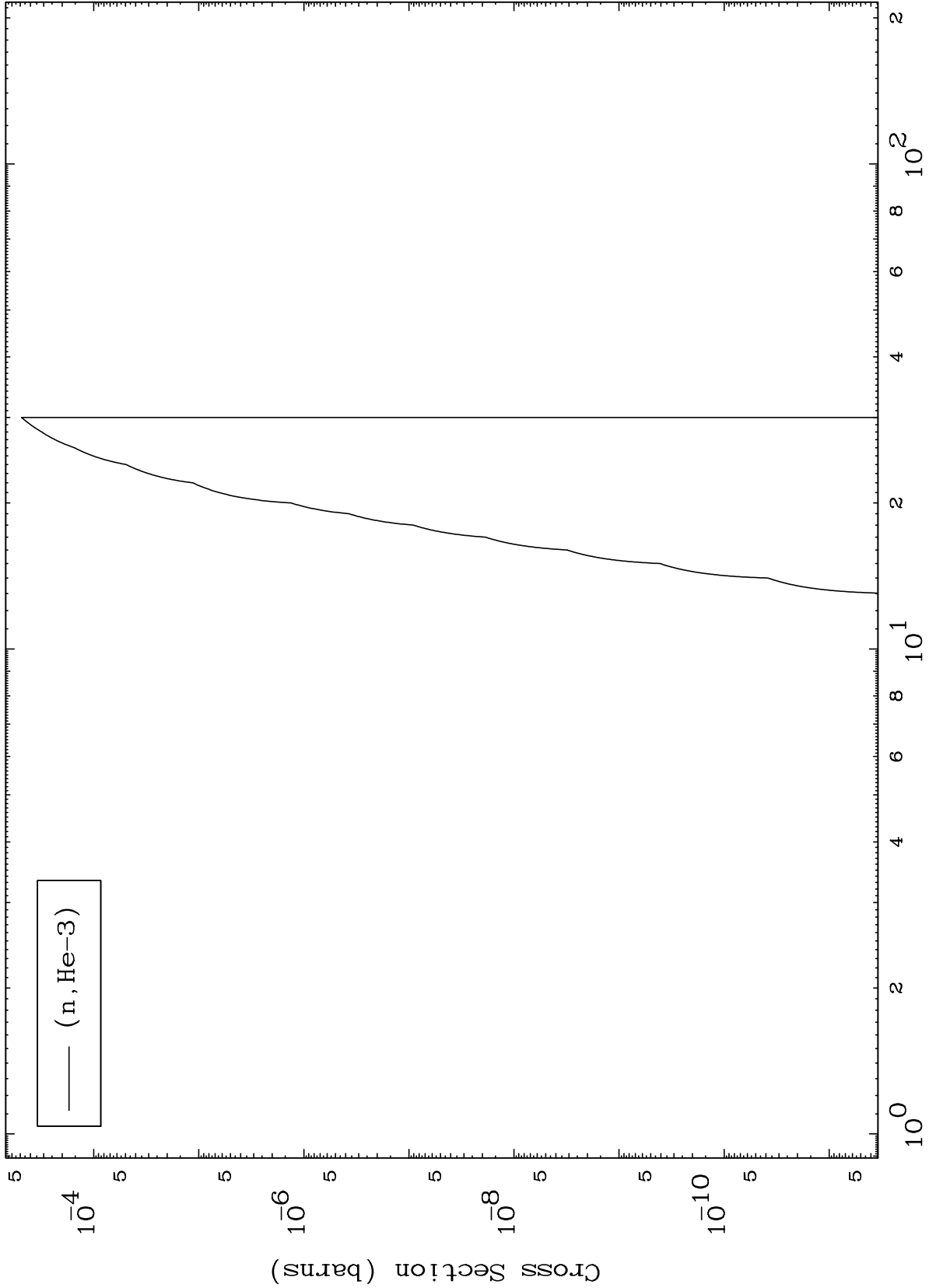
77-Ir-195m

MAT 7738

(d,He3) Levels

77-Ir-195m

0 Kelvin Cross Sections



Incident Energy (MeV)

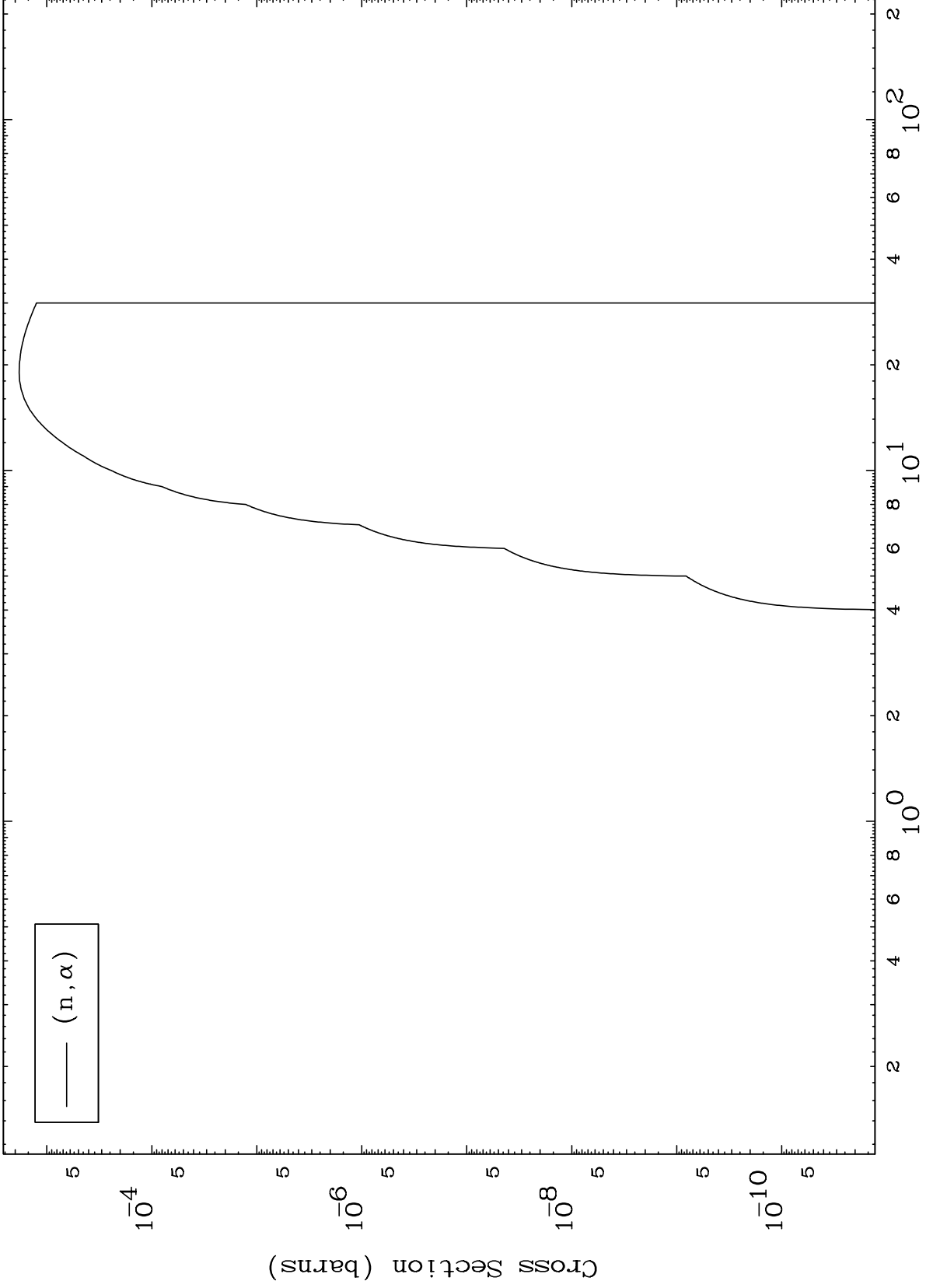
77-Ir-195m

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(d,  $\alpha$ ) Levels

77-Ir-195m

0 Kelvin Cross Sections

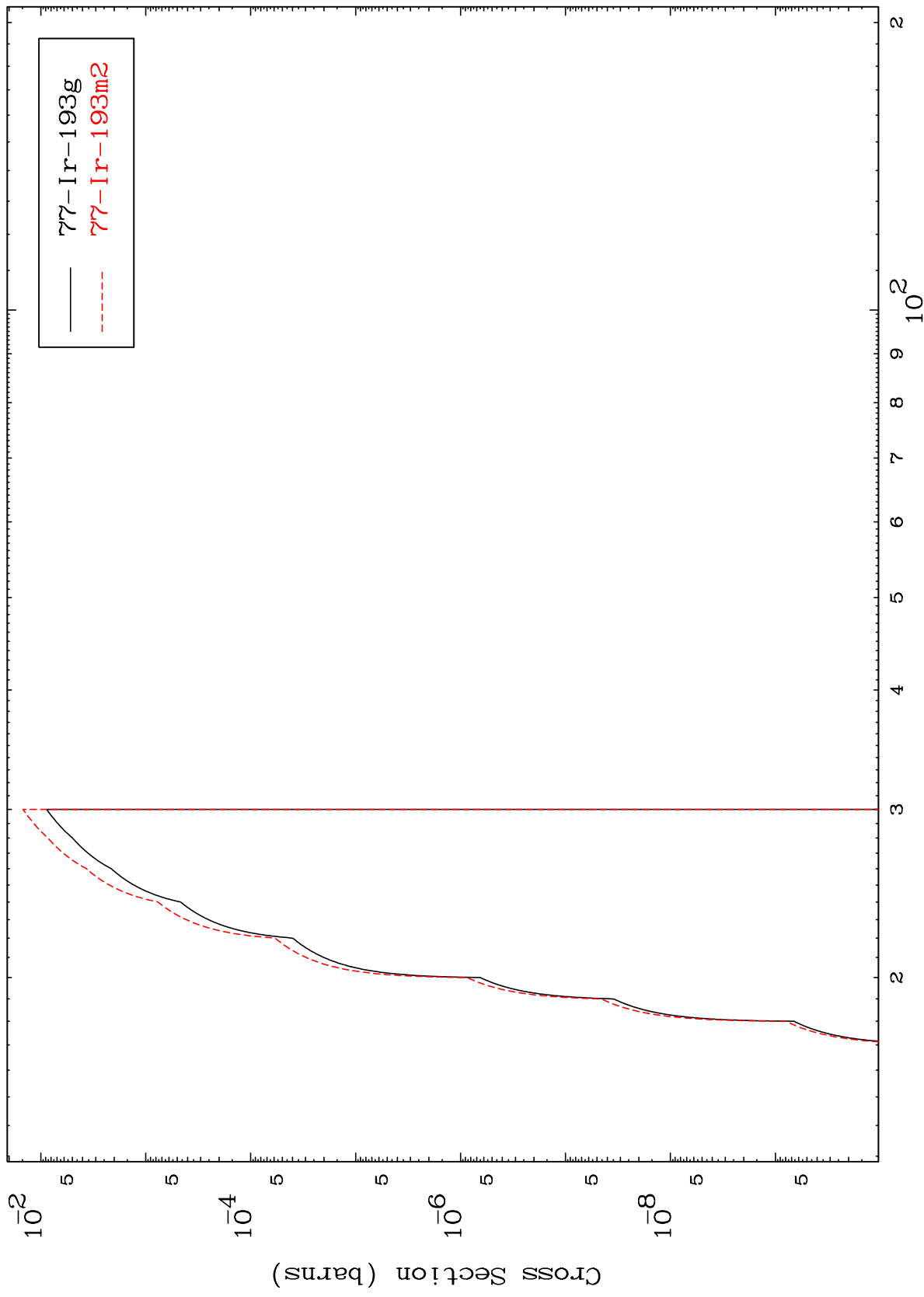


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(n,2n) d

77-Ir-195m

Radionuclide Production Cross Section



12

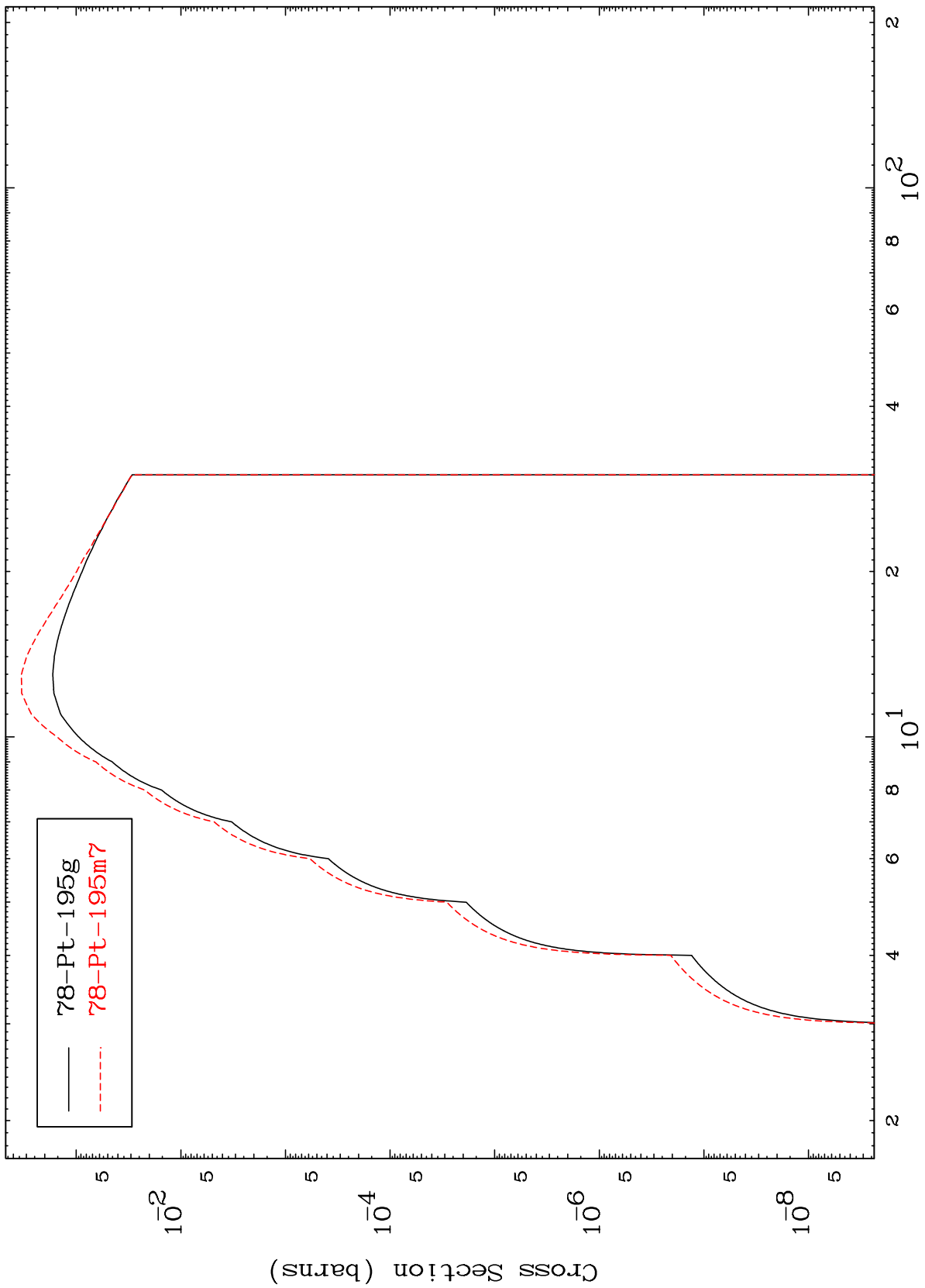
Incident Energy (MeV)

77-Ir-195m

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<sup>77</sup>Ir-195m

Radionuclide Production Cross Section



13

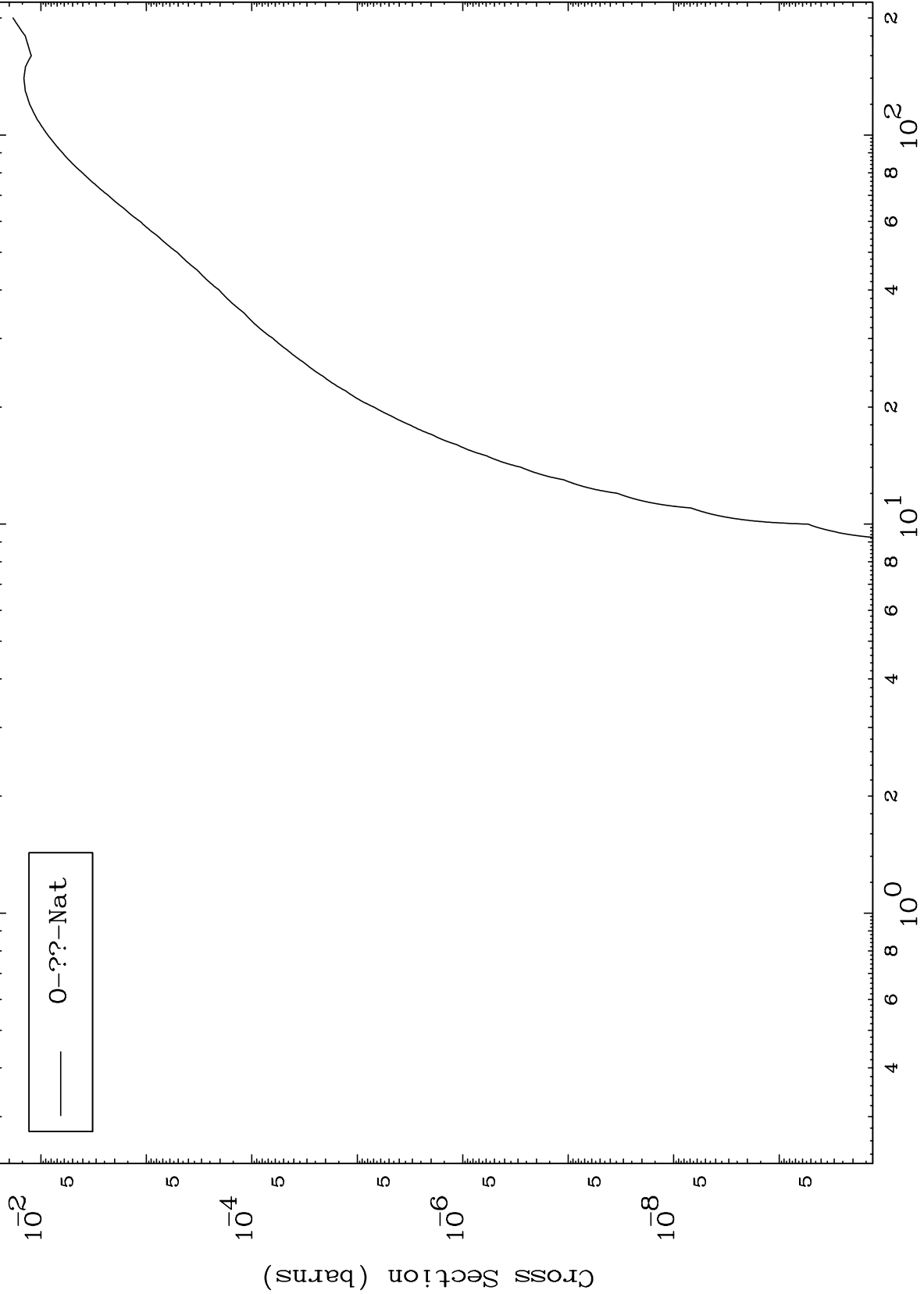
Incident Energy (MeV)

<sup>77</sup>Ir-195m

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Fission  
Radionuclide Production Cross Section

<sup>77</sup>Ir-195m

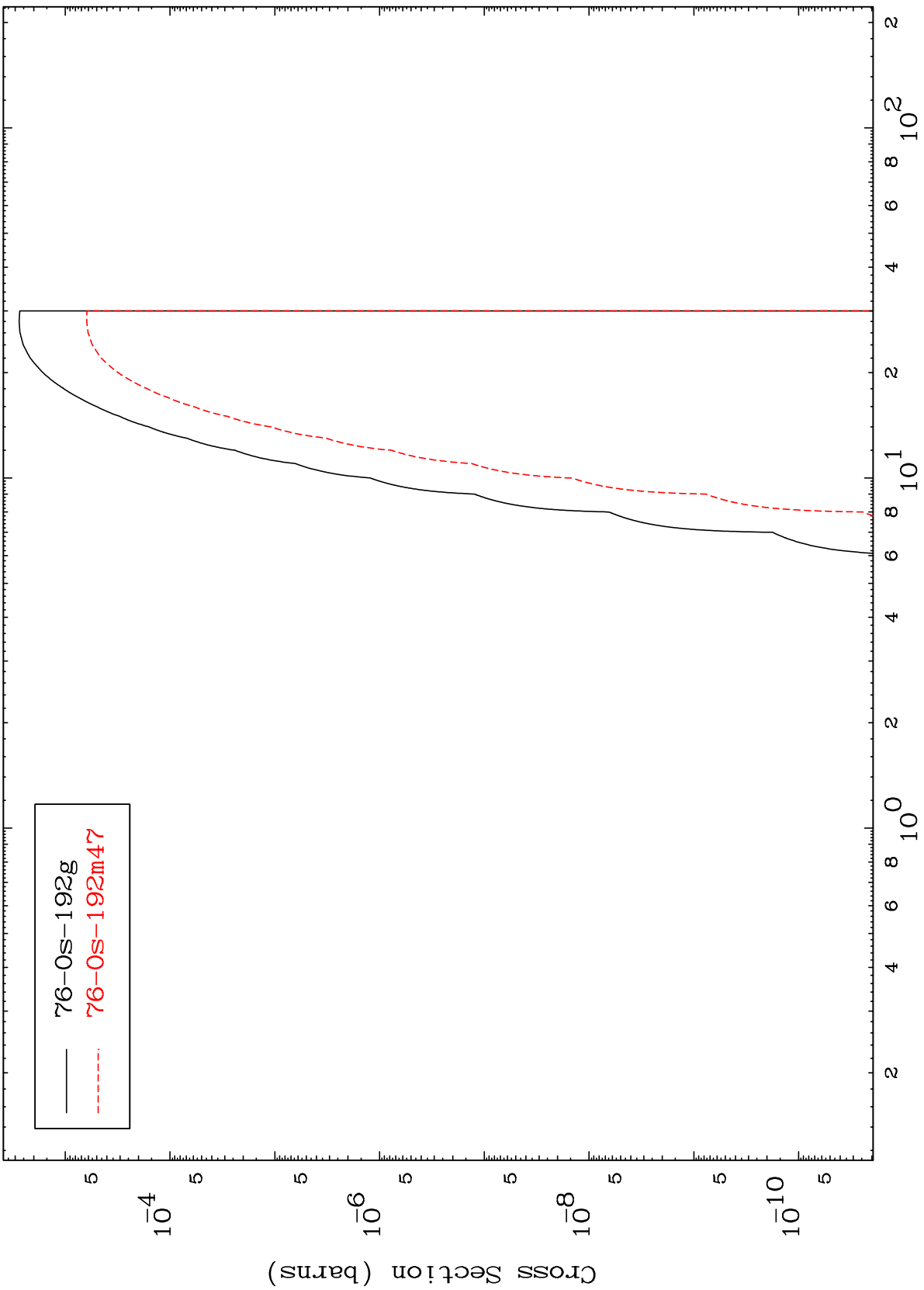


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(n,n')  $\alpha$

77-Ir-195m

Radionuclide Production Cross Section

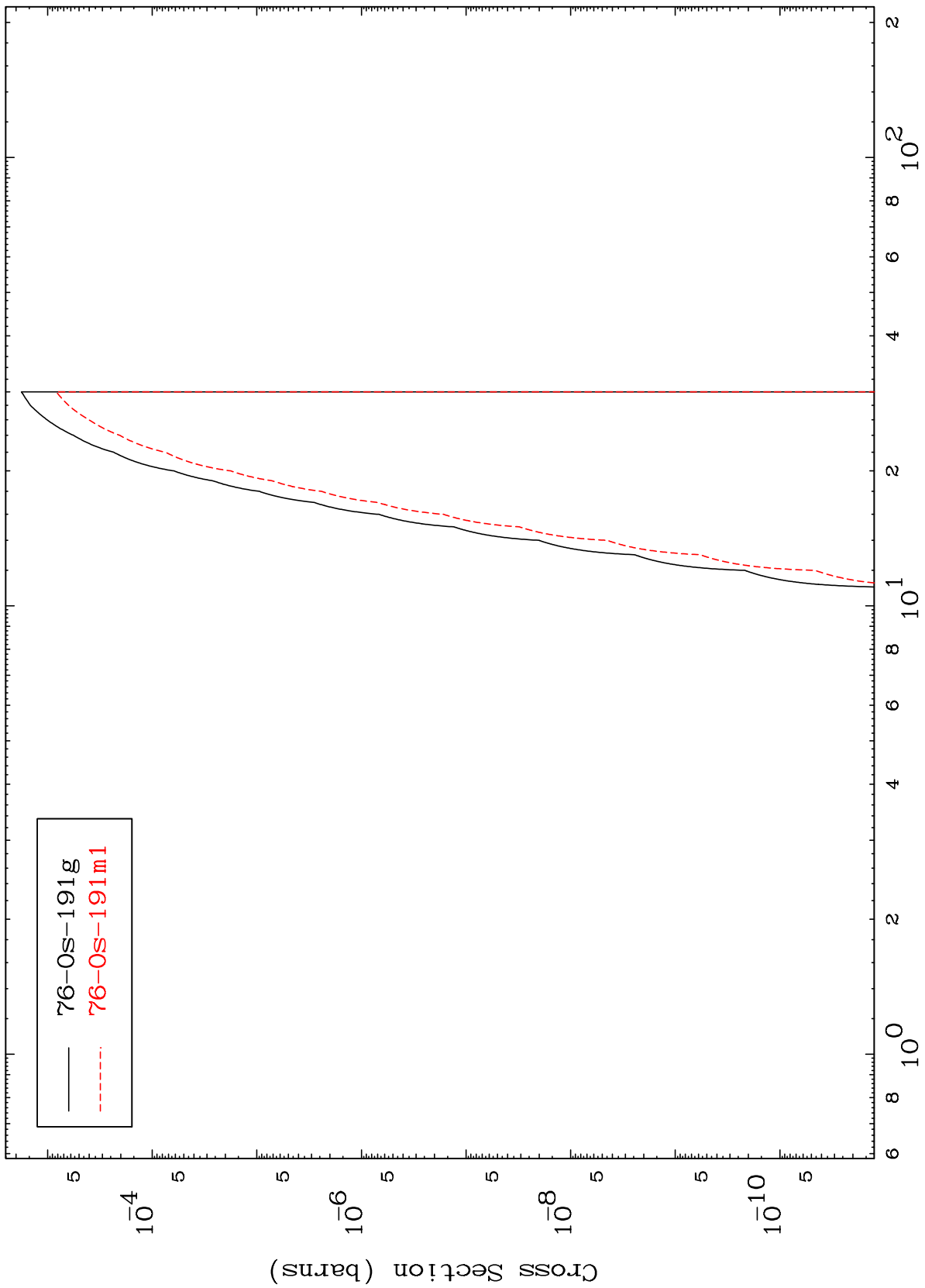


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$^{76}\text{Os}$   $\alpha$

$^{77}\text{Ir}$ -195m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

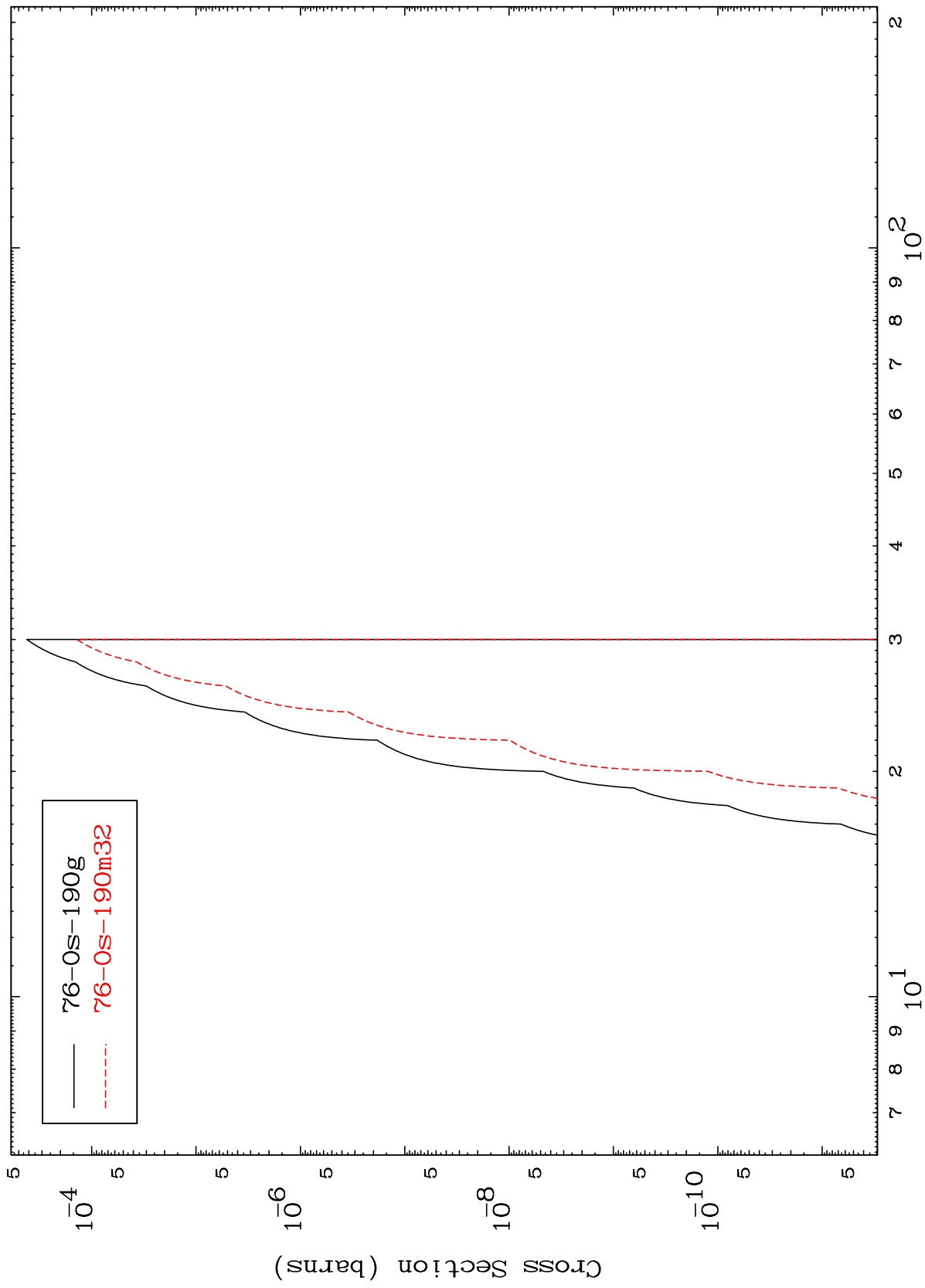
$^{77}\text{Ir}$ -195m

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(n,3n)  $\alpha$

77-Ir-195m

Radionuclide Production Cross Section



17

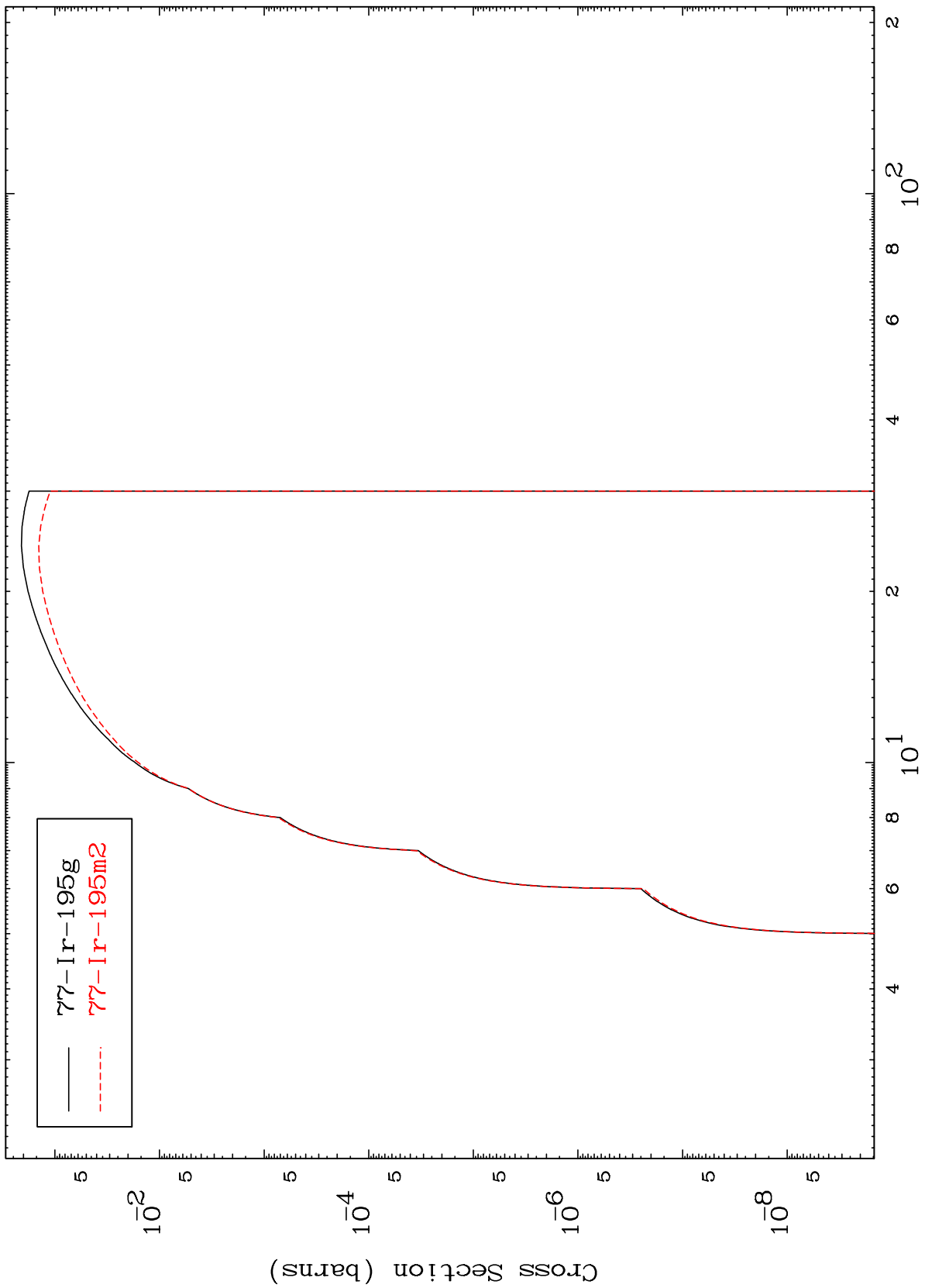
Incident Energy (MeV)

77-Ir-195m

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<sup>77</sup>Ir-195m

Radionuclide Production Cross Section



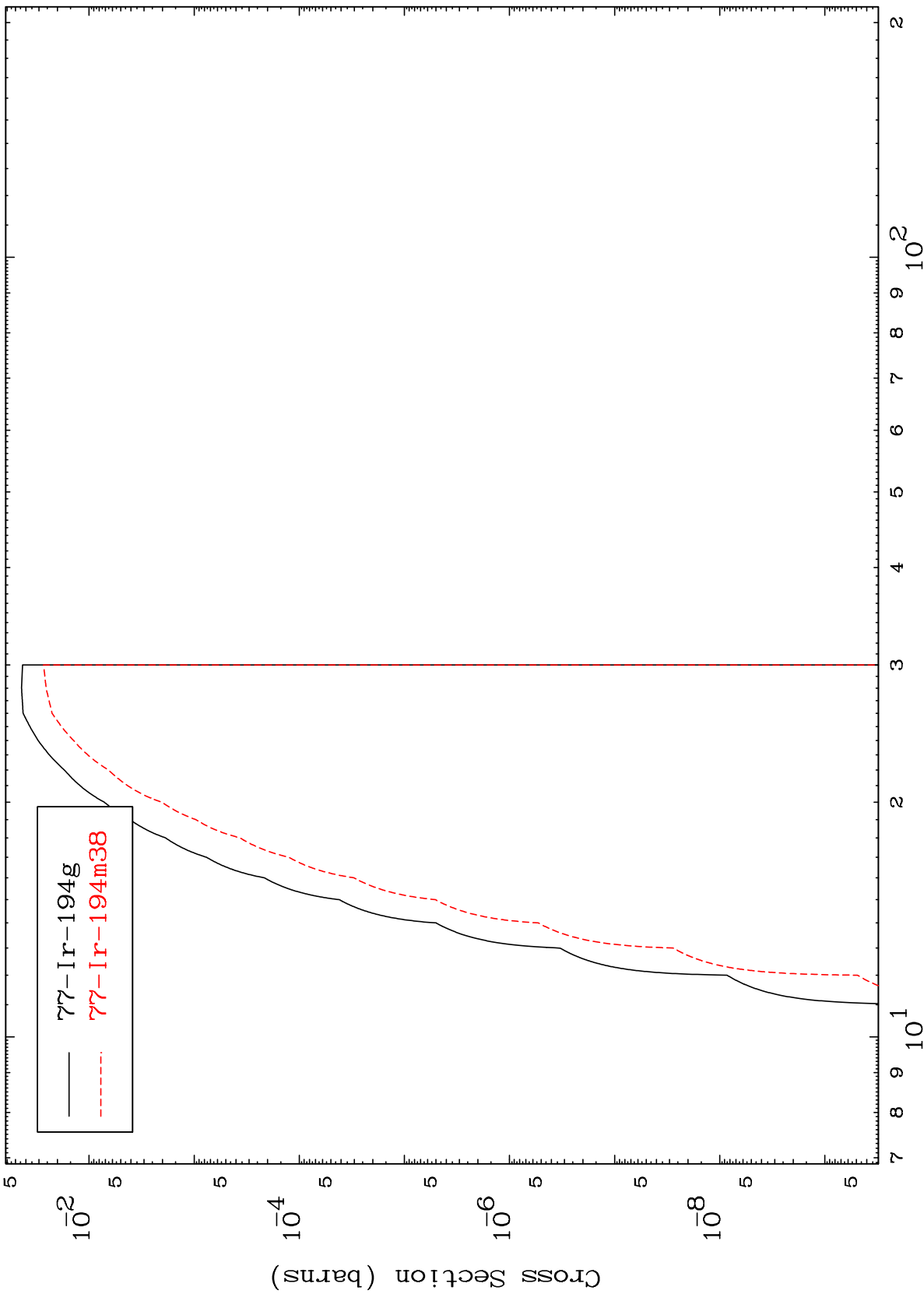
Legend:  
— <sup>77</sup>Ir-195g  
- - - <sup>77</sup>Ir-195m2

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(n,n') d

77-Ir-195m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

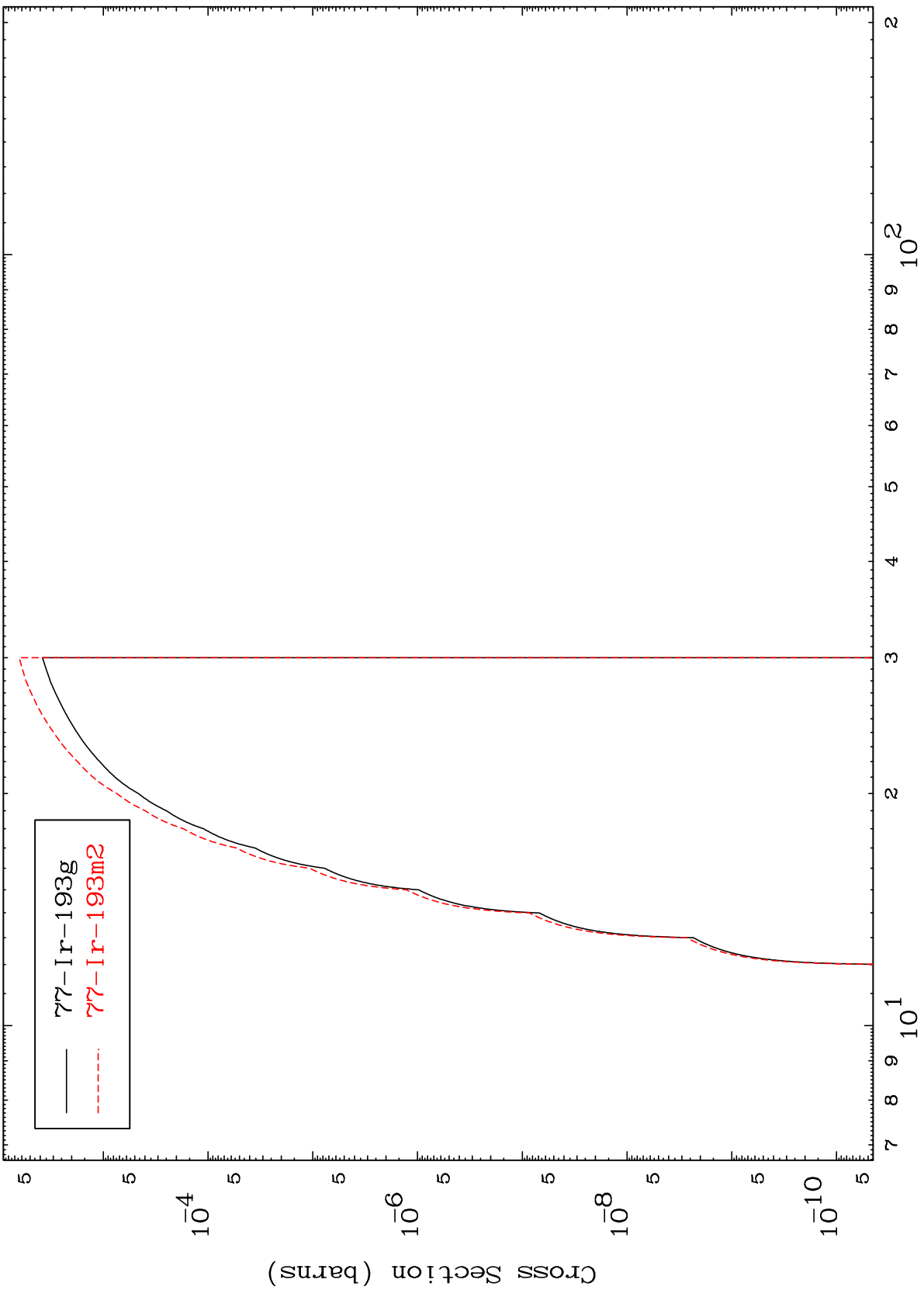
77-Ir-195m

MAT 7738

(n,n') t

77-Ir-195m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

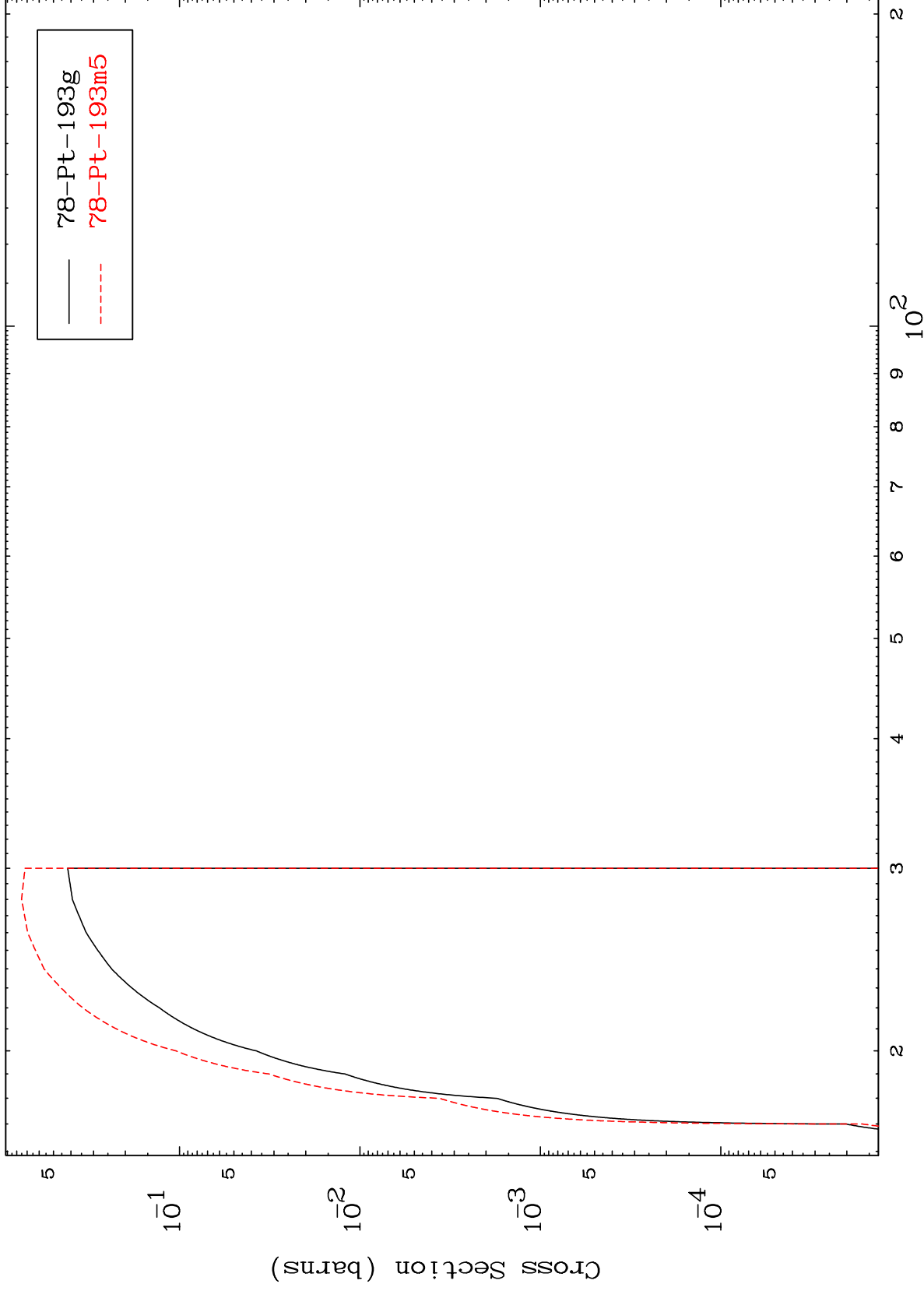
77-Ir-195m

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(n,4n)

77-Ir-195m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

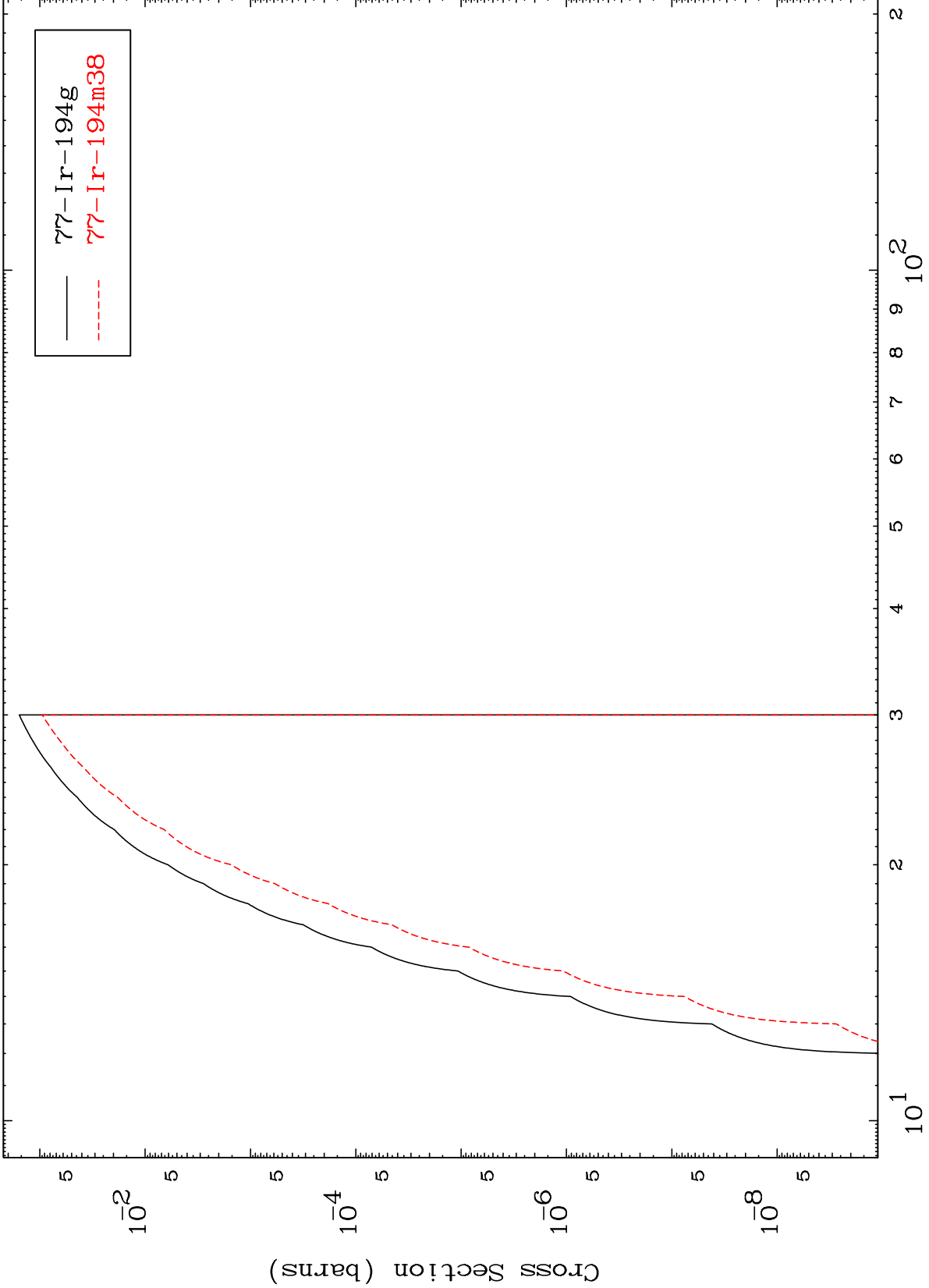
77-Ir-195m

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(n,2n) p

77-Ir-195m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

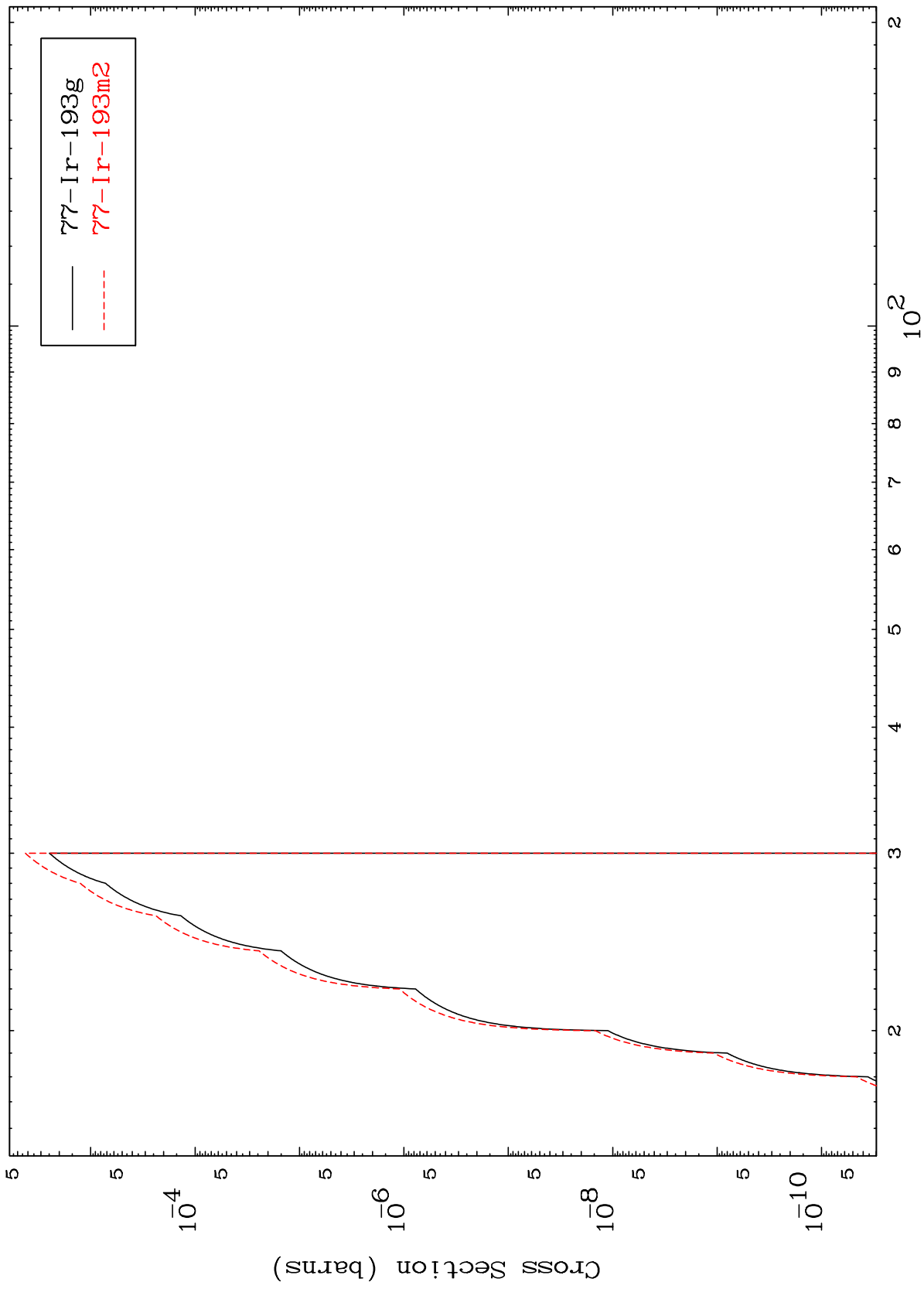
77-Ir-195m

MAT 7738

(n,3n) p

77-Ir-195m

Radionuclide Production Cross Section



23

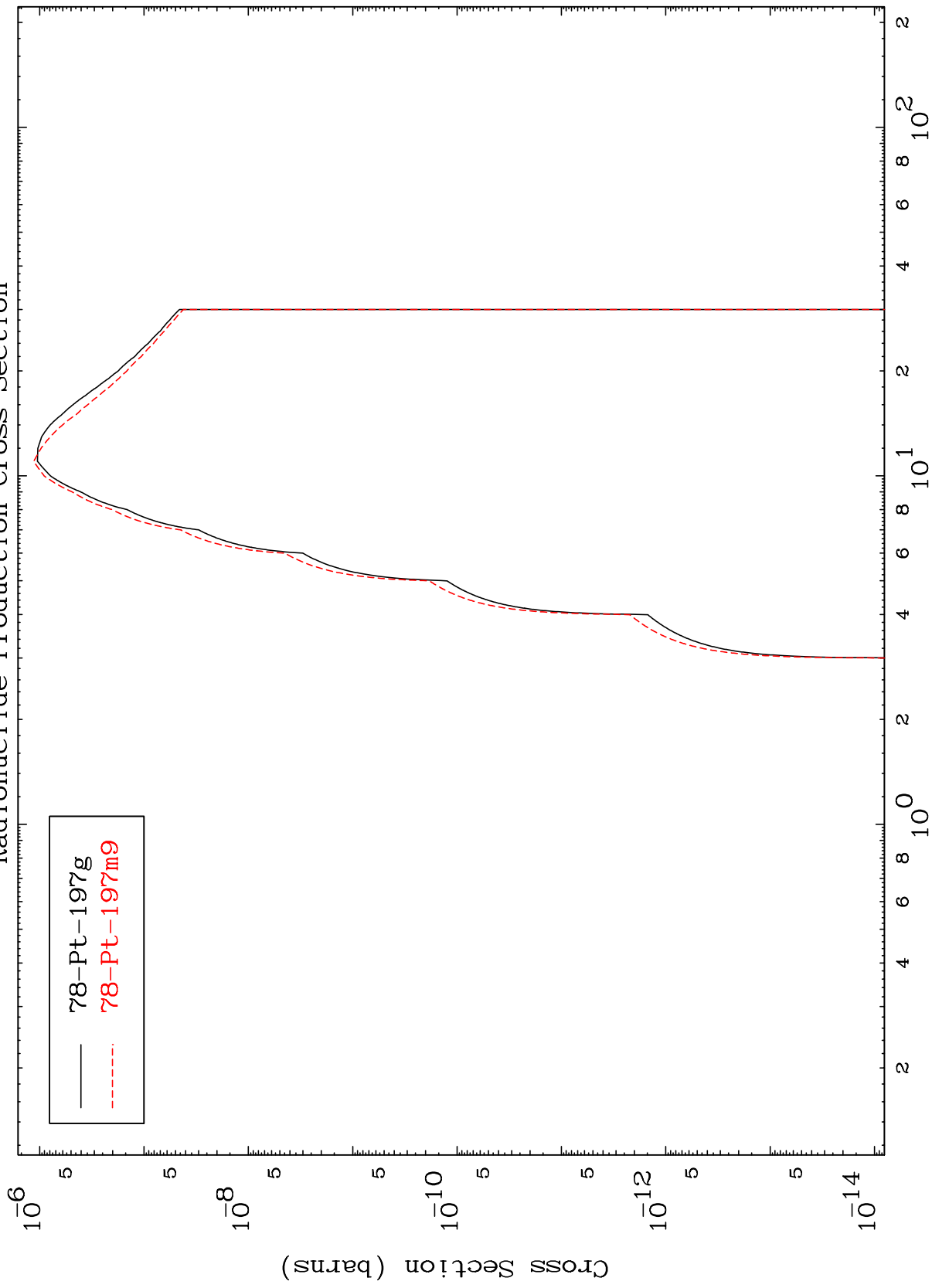
Incident Energy (MeV)

77-Ir-195m

MAT 7738

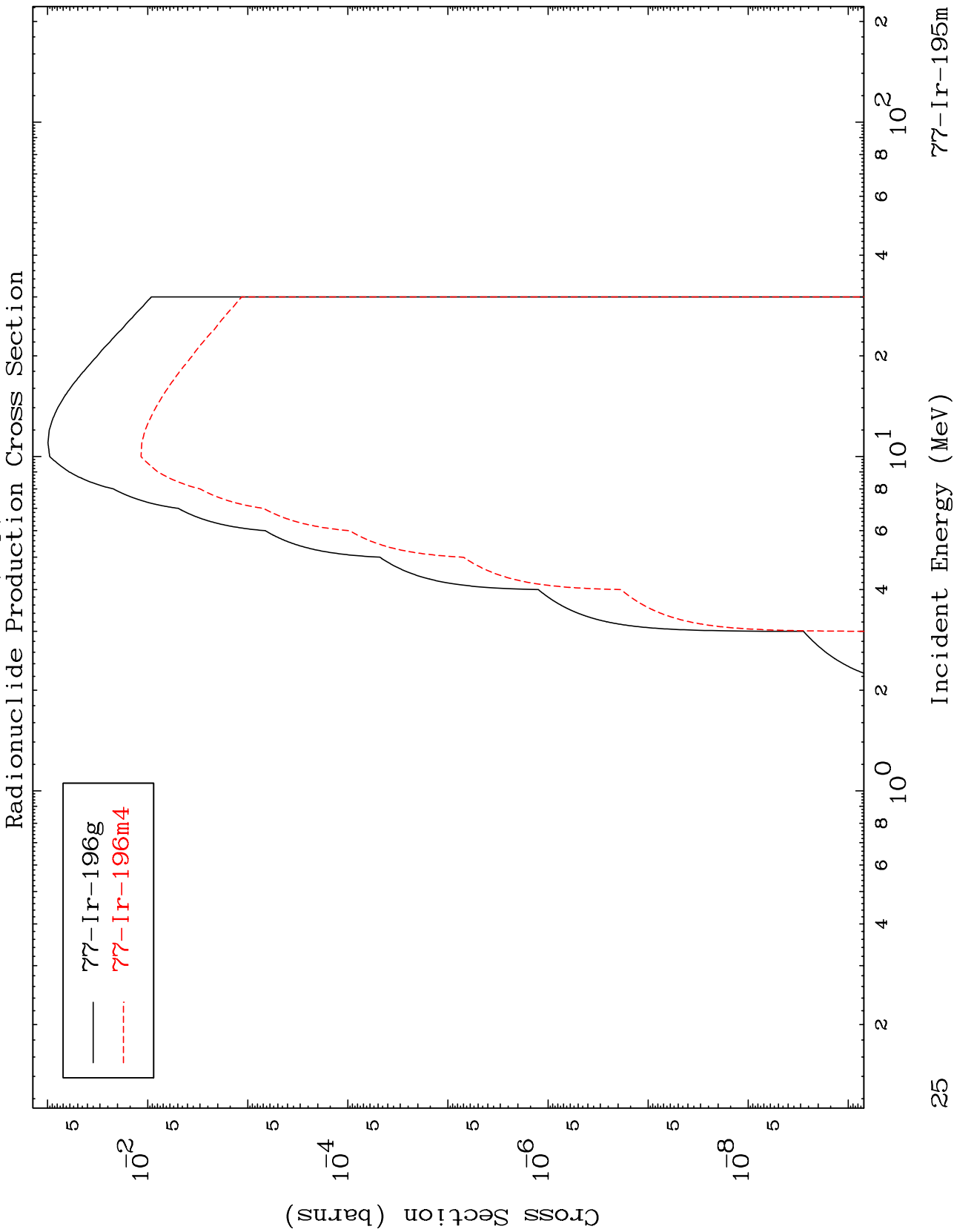
77-Ir-195m

Radionuclide Production Cross Section



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77-Ir-195m

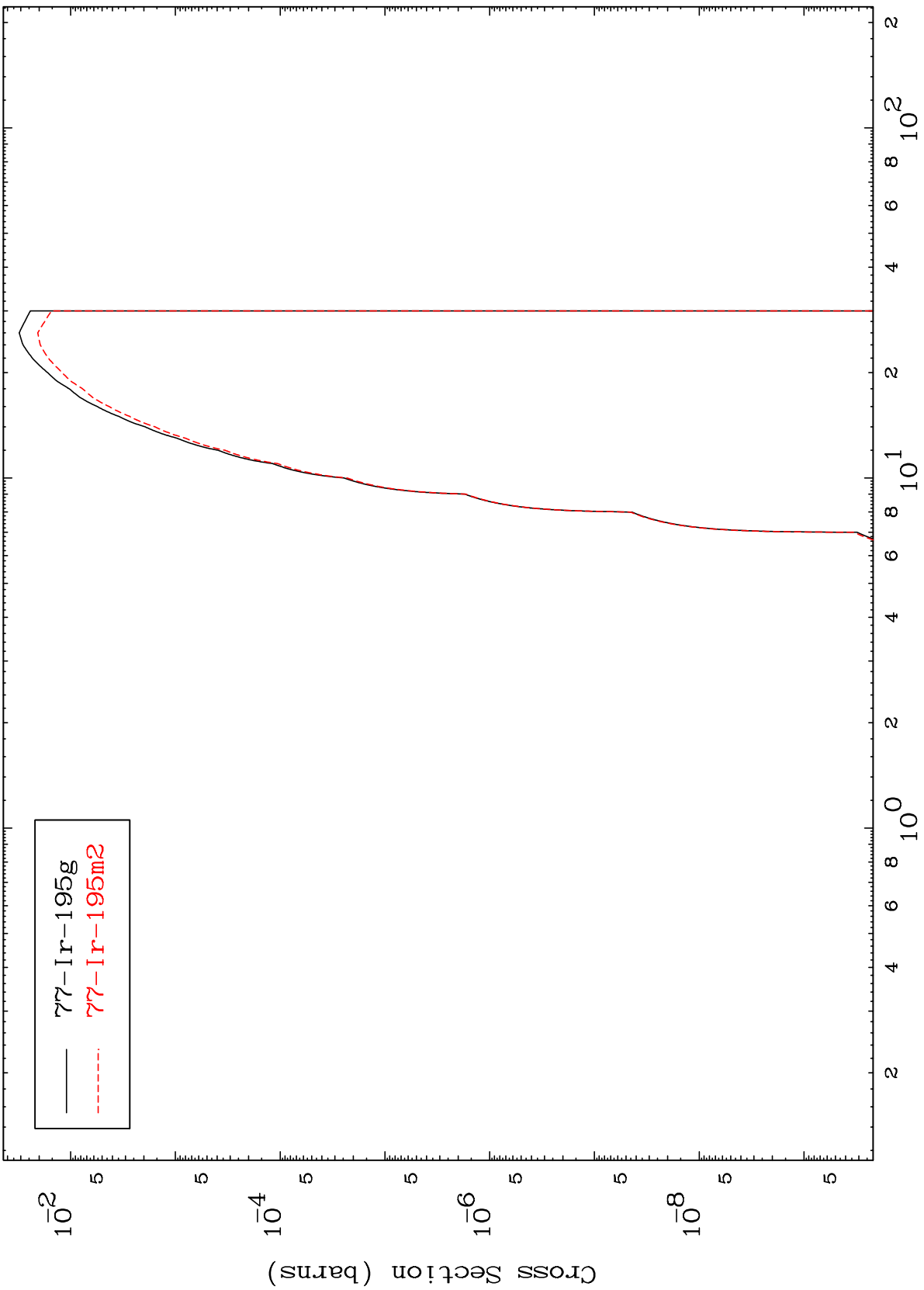


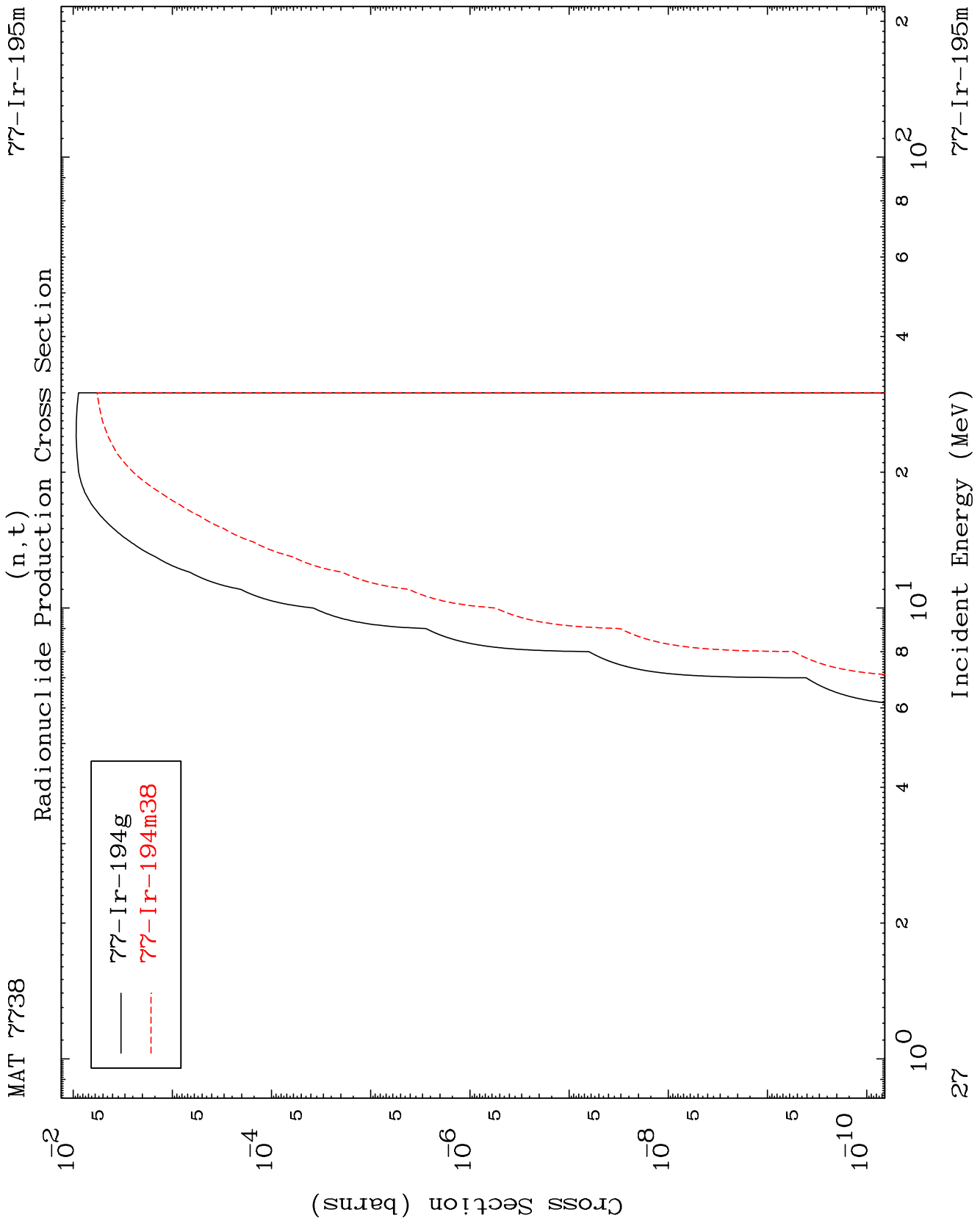
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(n,d)

<sup>77</sup>Ir-195m

Radionuclide Production Cross Section

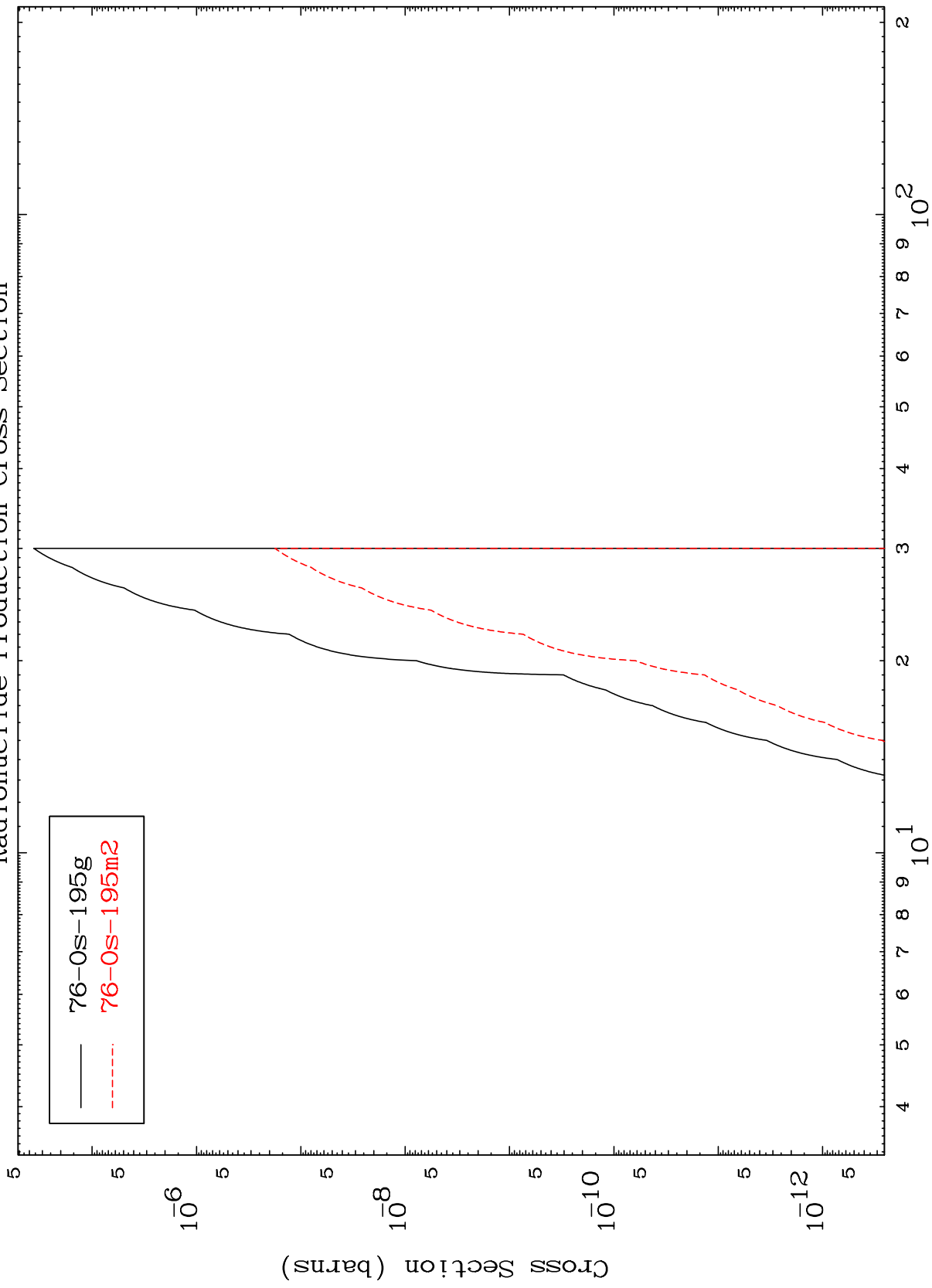




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<sup>77</sup>Ir-195m

Radionuclide Production Cross Section  
(n,2p)



28

Incident Energy (MeV)

<sup>77</sup>Ir-195m

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(n,p)  $\alpha$

<sup>77</sup>Ir-195m

