

Program EVALPLOT  
(Version 2021-1)

by

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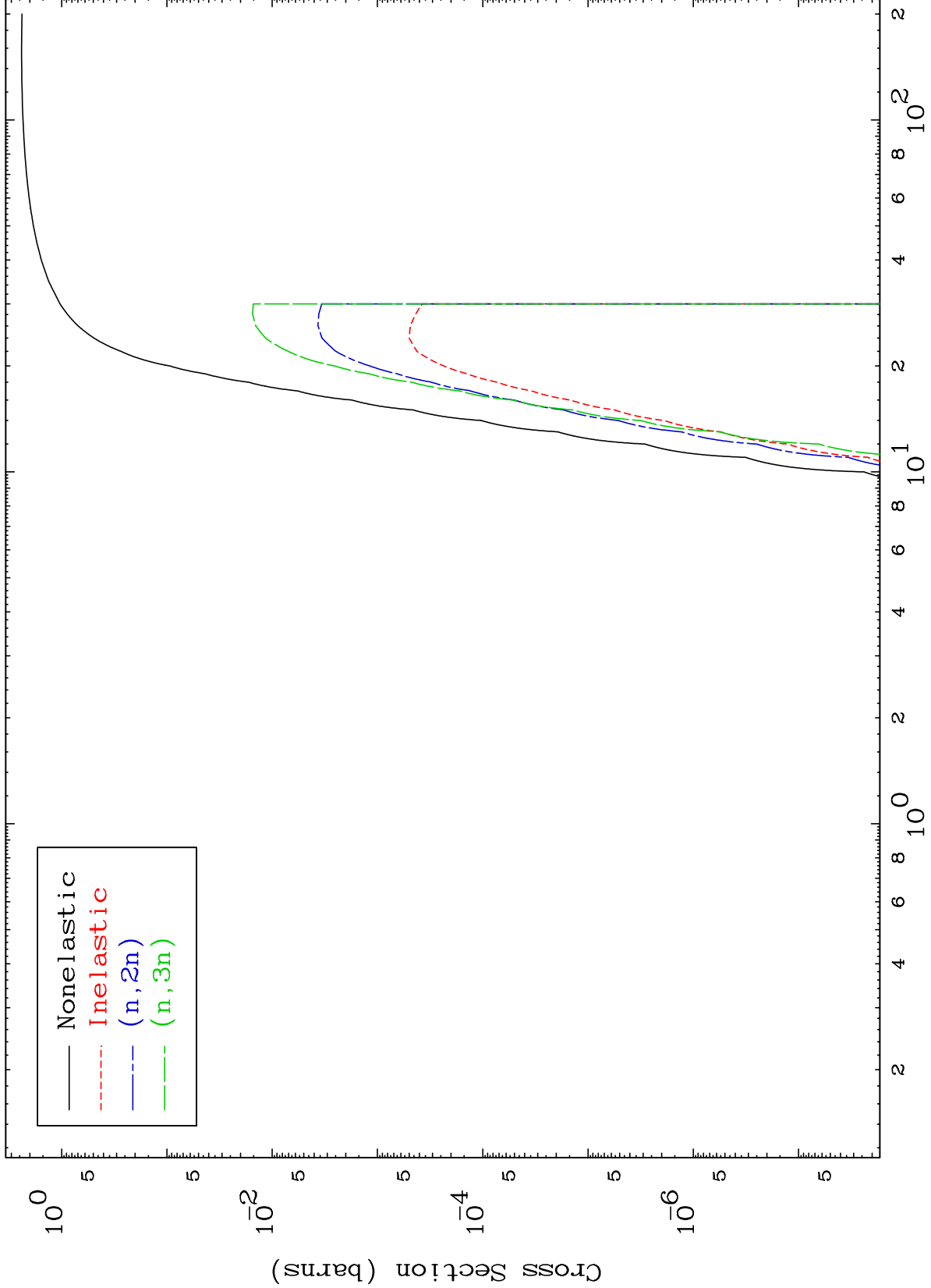
Press Mouse Button to Start

MAT 7738

He-3 Major

77-Ir-195m

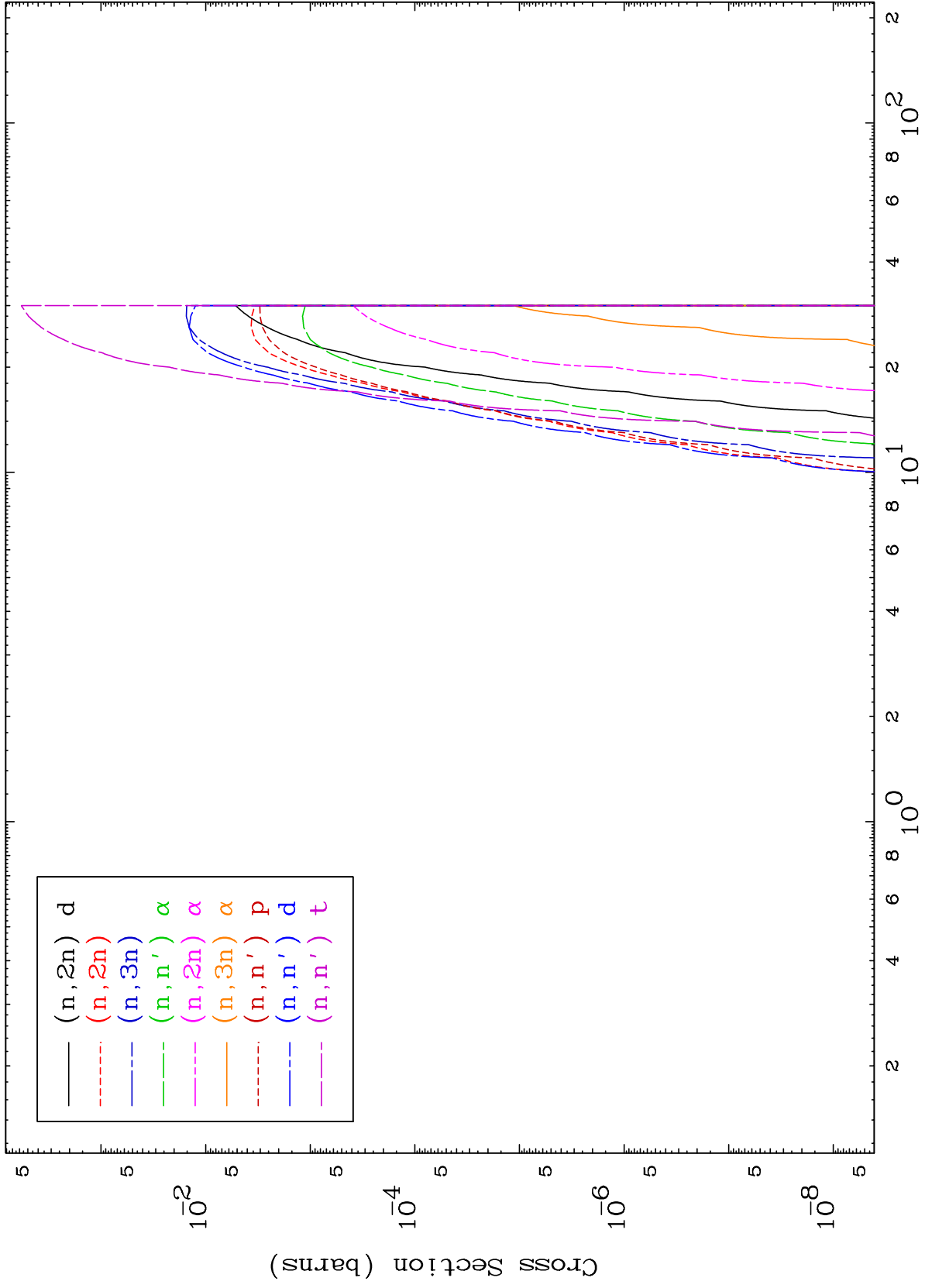
0 Kelvin Cross Sections



MAT 7738

He-3 Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-195m



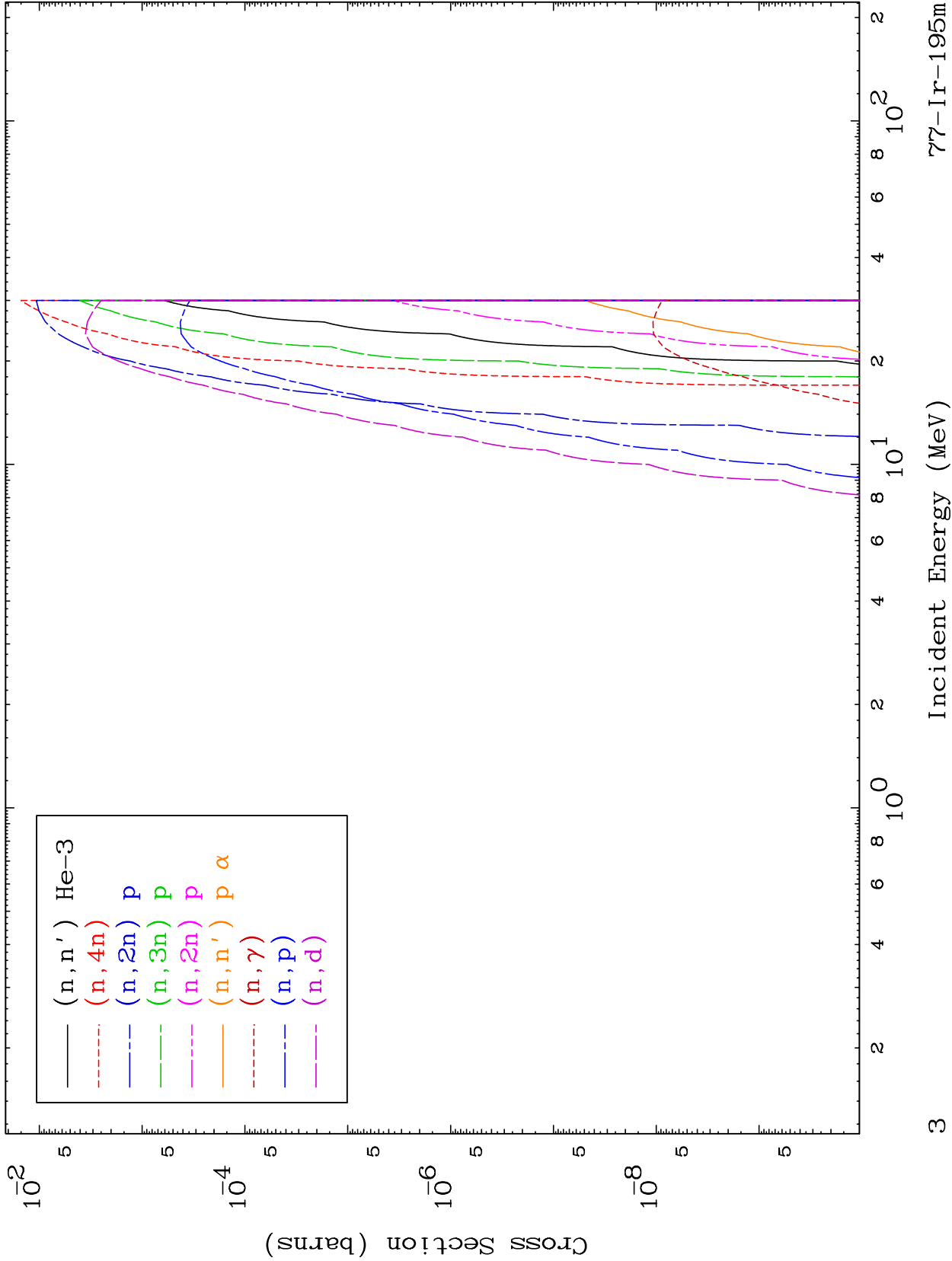
77-Ir-195m

Incident Energy (MeV)

MAT 7738

He-3 Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-195m

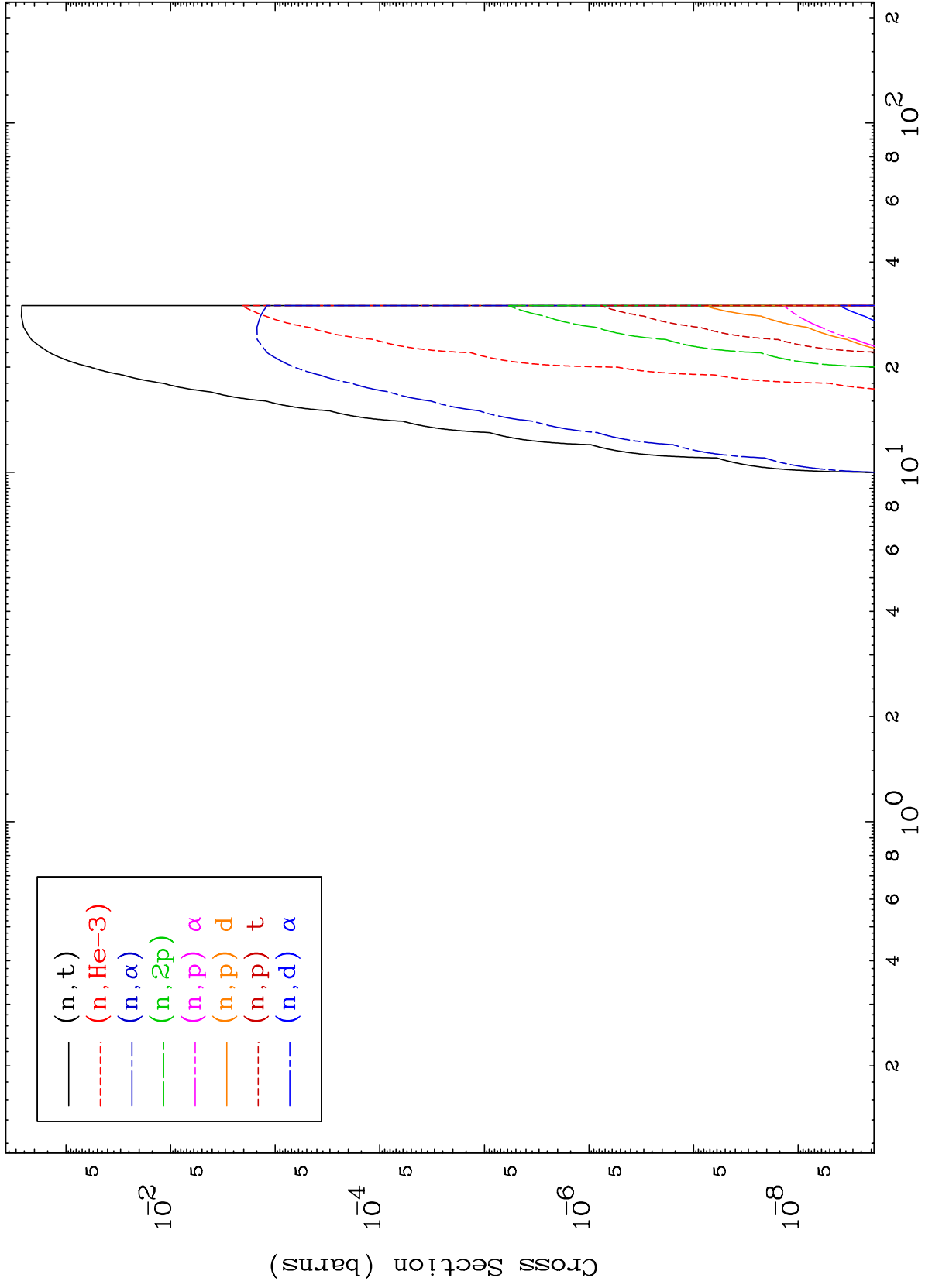


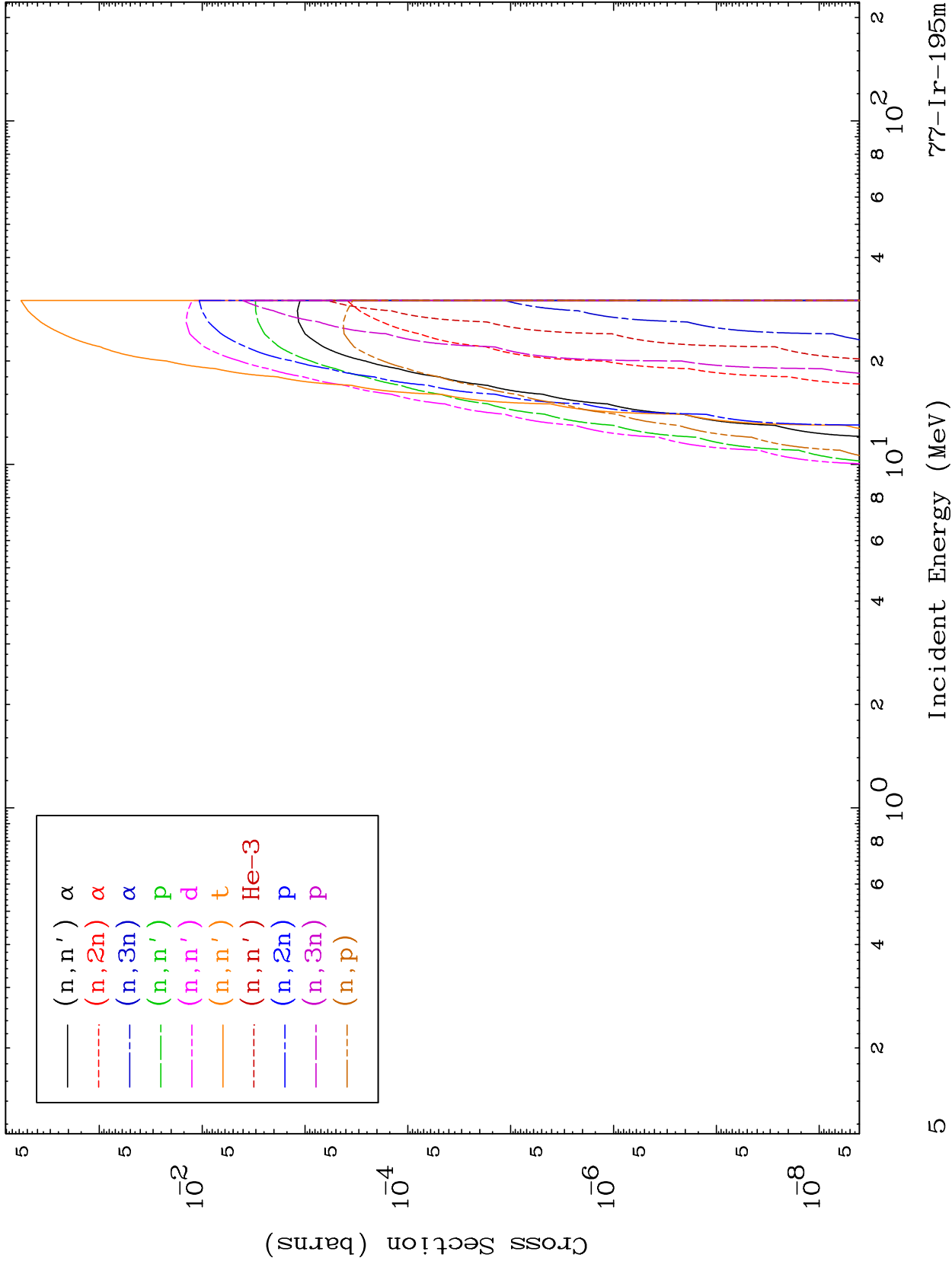
77-Ir-195m

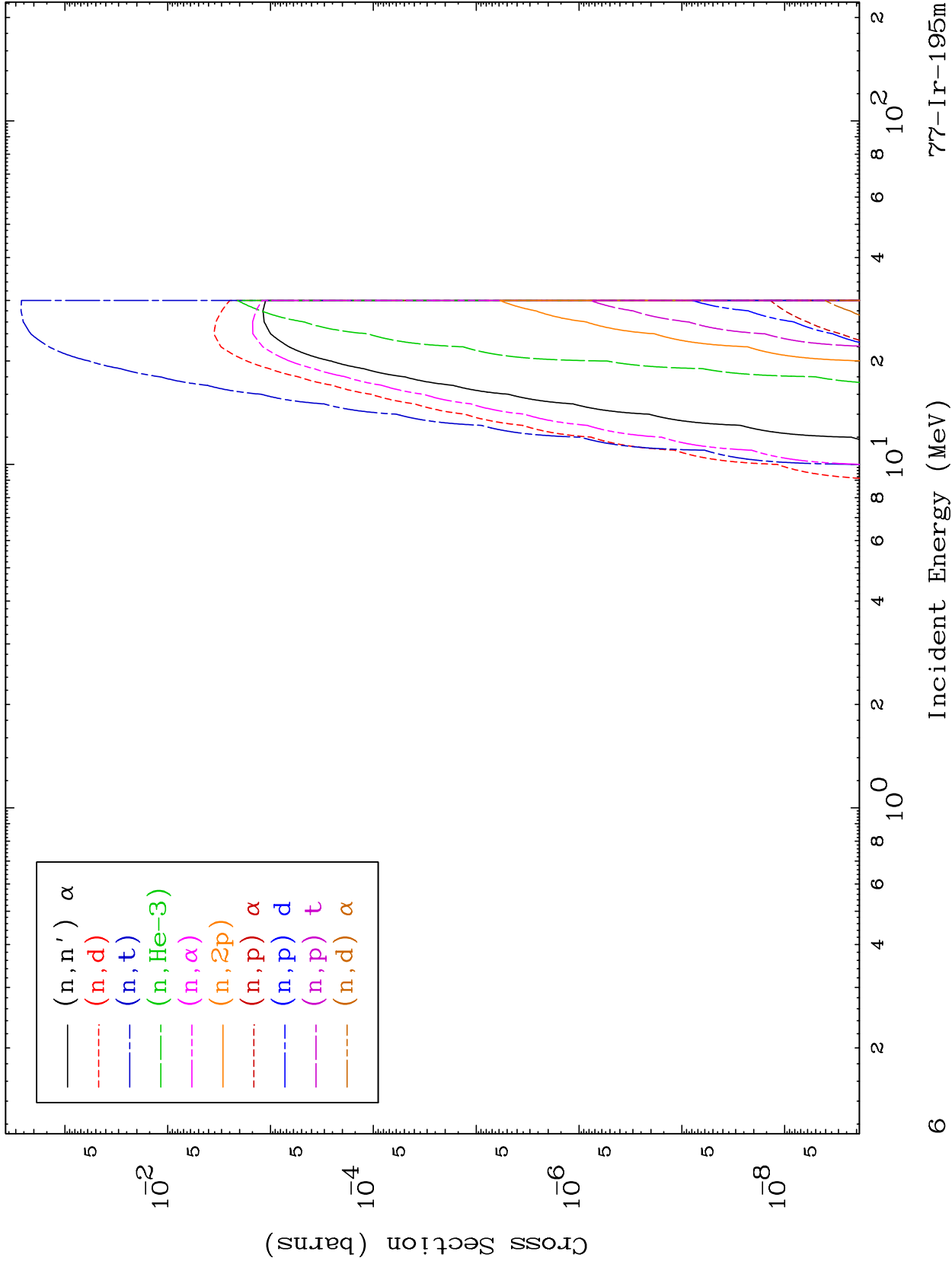
MAT 7738

He-3 Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-195m



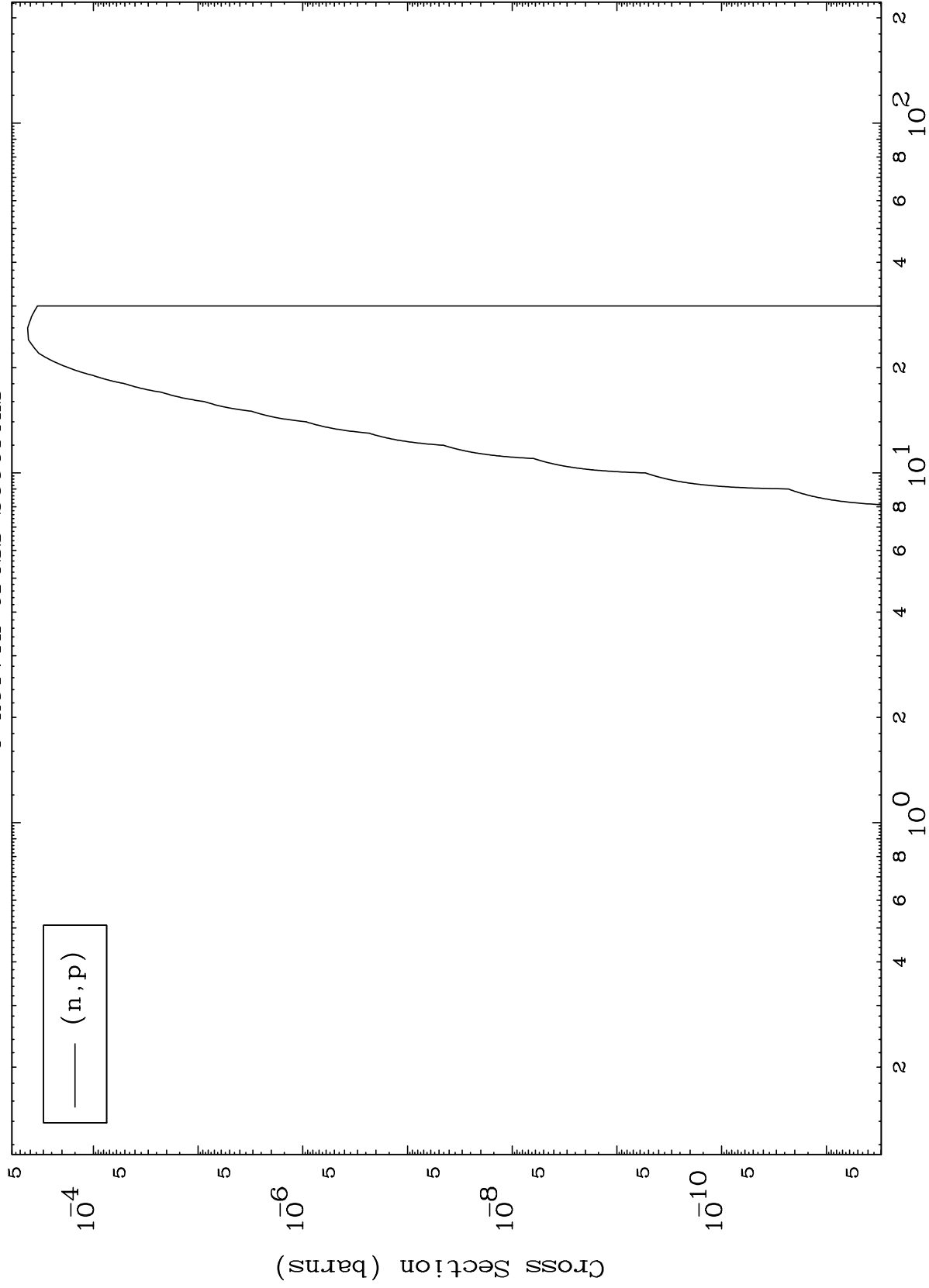




MAT 7738

(He-3,p) Levels  
0 Kelvin Cross Sections

77-Ir-195m



7

Incident Energy (MeV)

77-Ir-195m

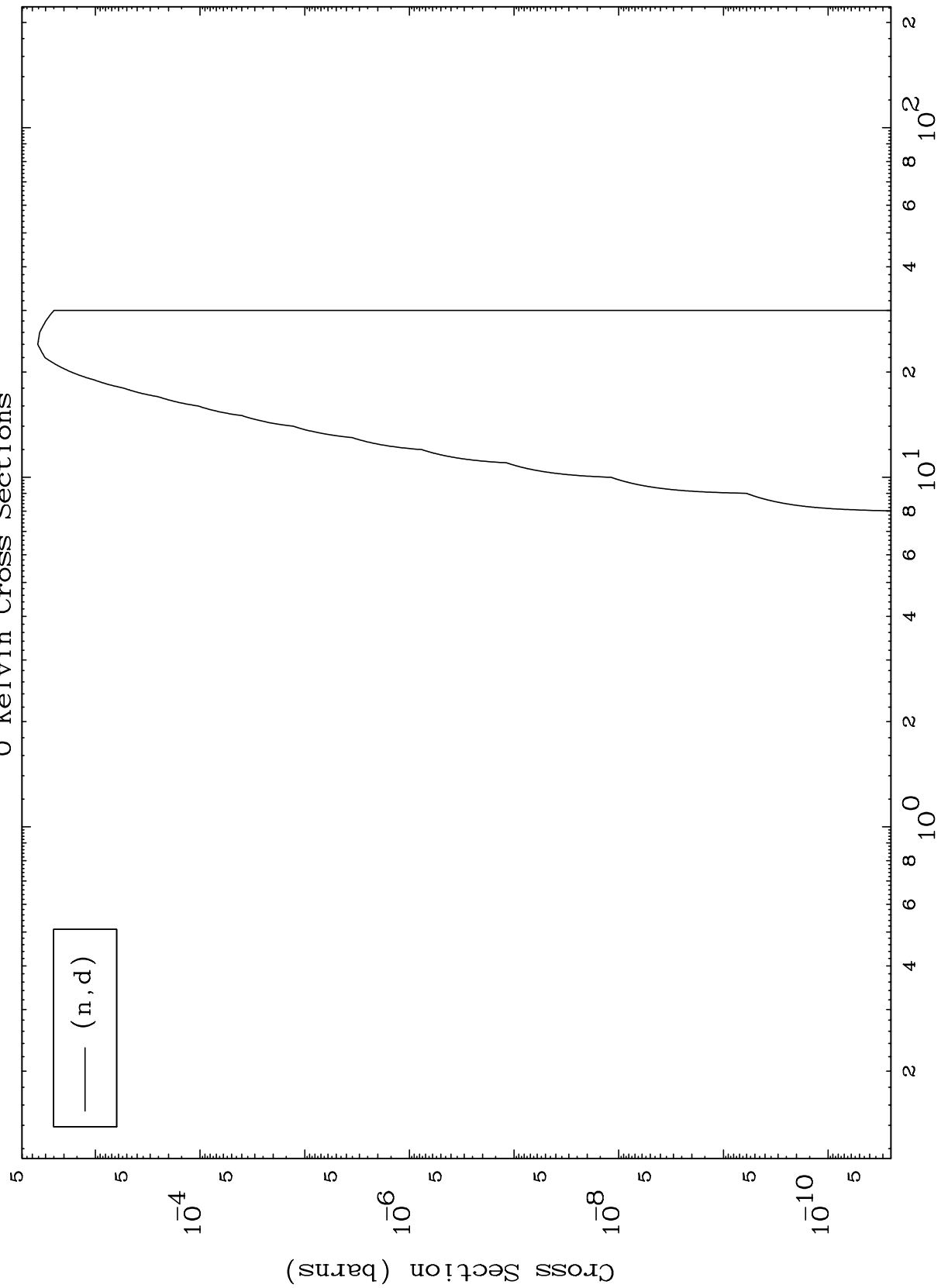


MAT 7738

(He-3,d) Levels

77-Ir-195m

0 Kelvin Cross Sections

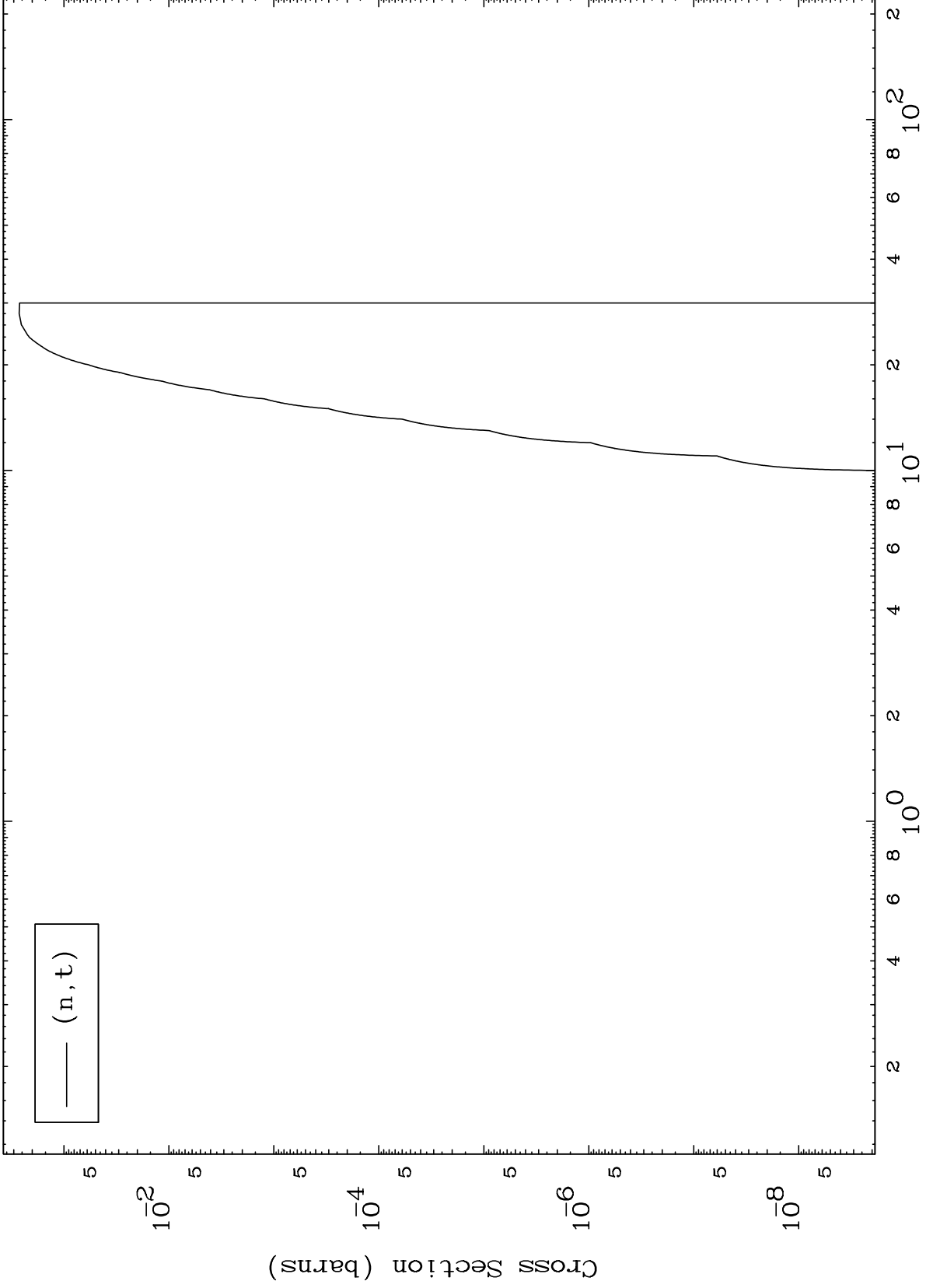


MAT 7738

(He-3,t) Levels

77-Ir-195m

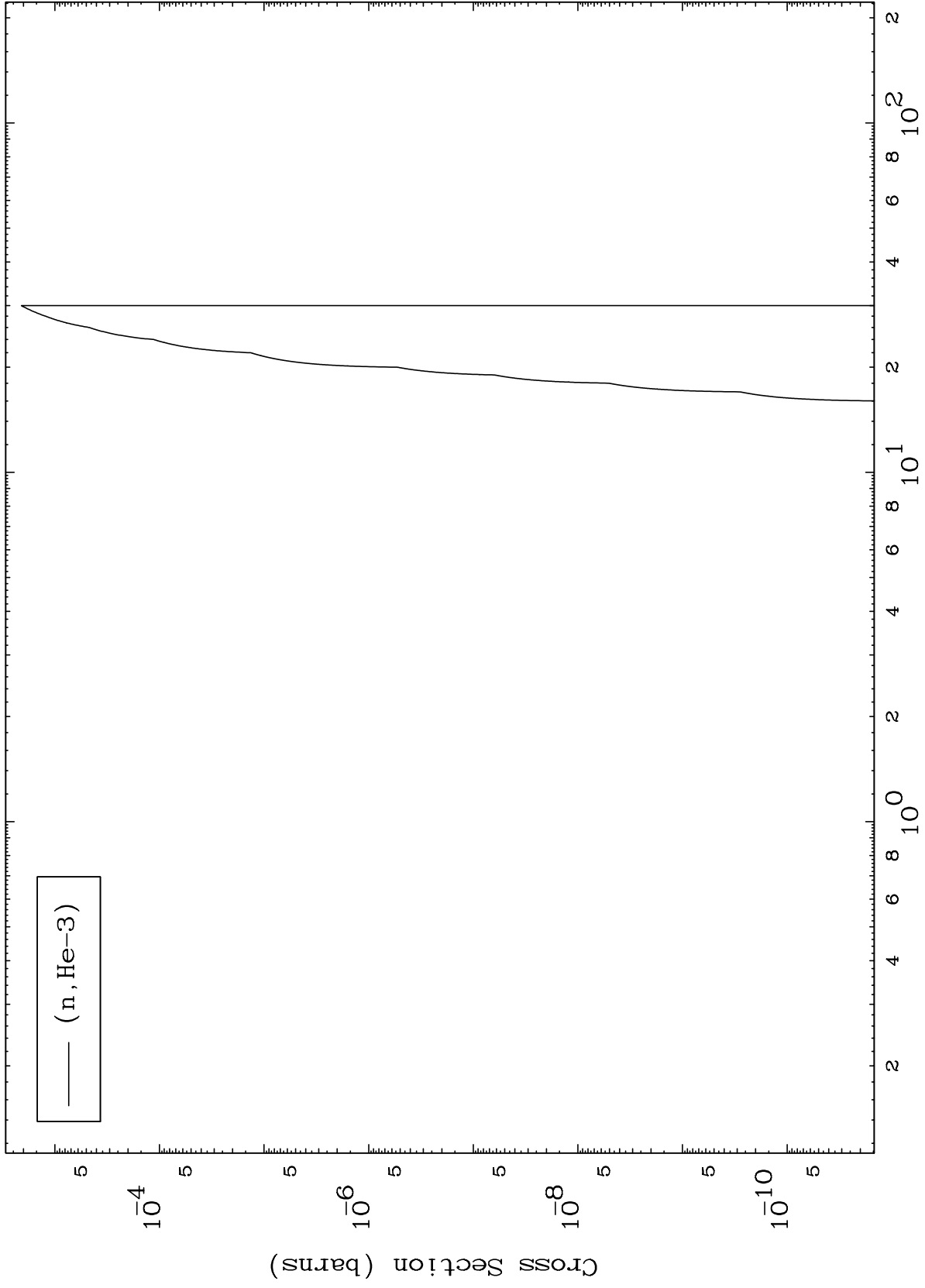
0 Kelvin Cross Sections



MAT 7738

(He-3, He3) Levels  
0 Kelvin Cross Sections

77-Ir-195m



10

Incident Energy (MeV)

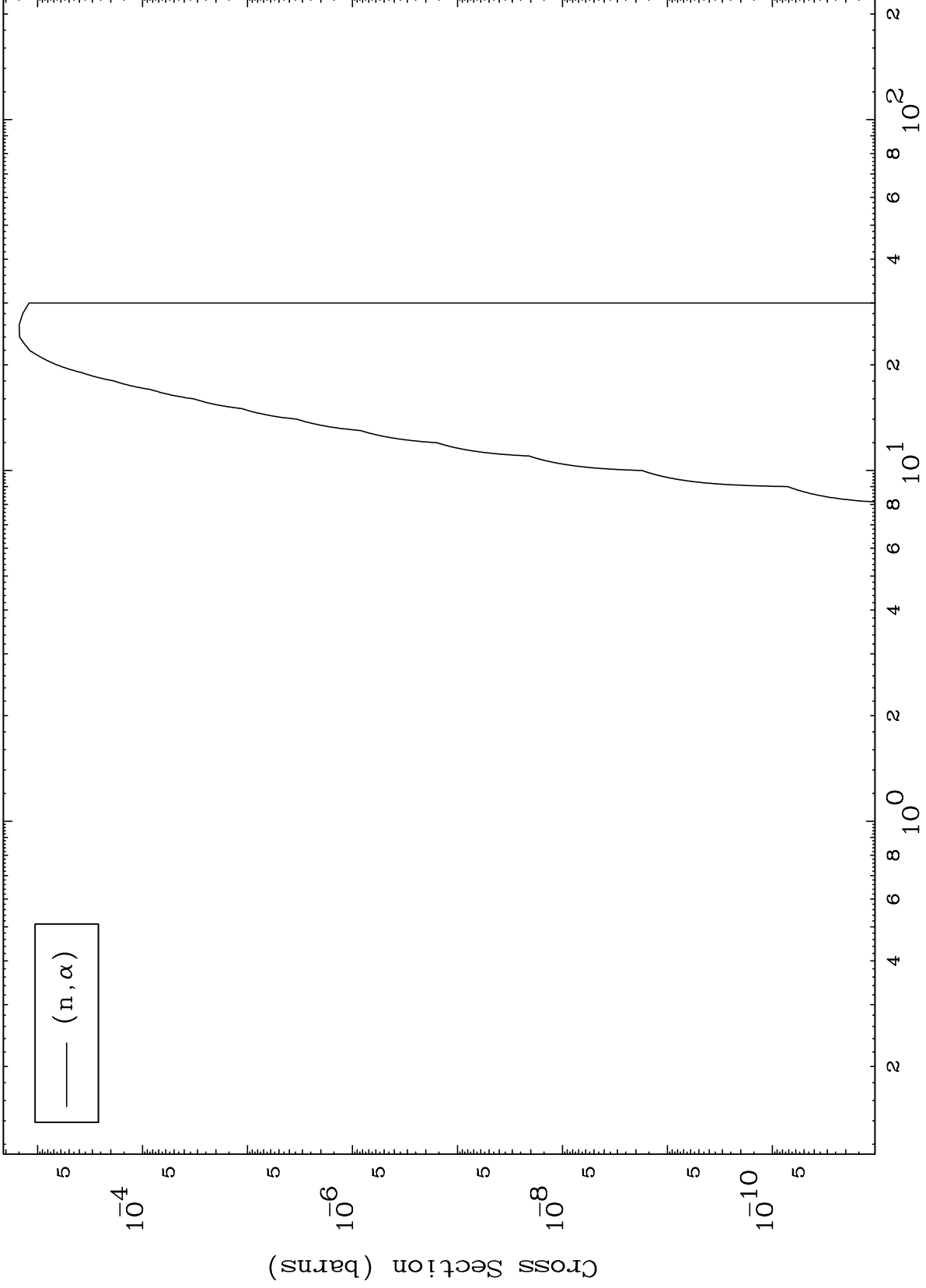
77-Ir-195m

MAT 7738

(He-3,  $\alpha$ ) Levels

77-Ir-195m

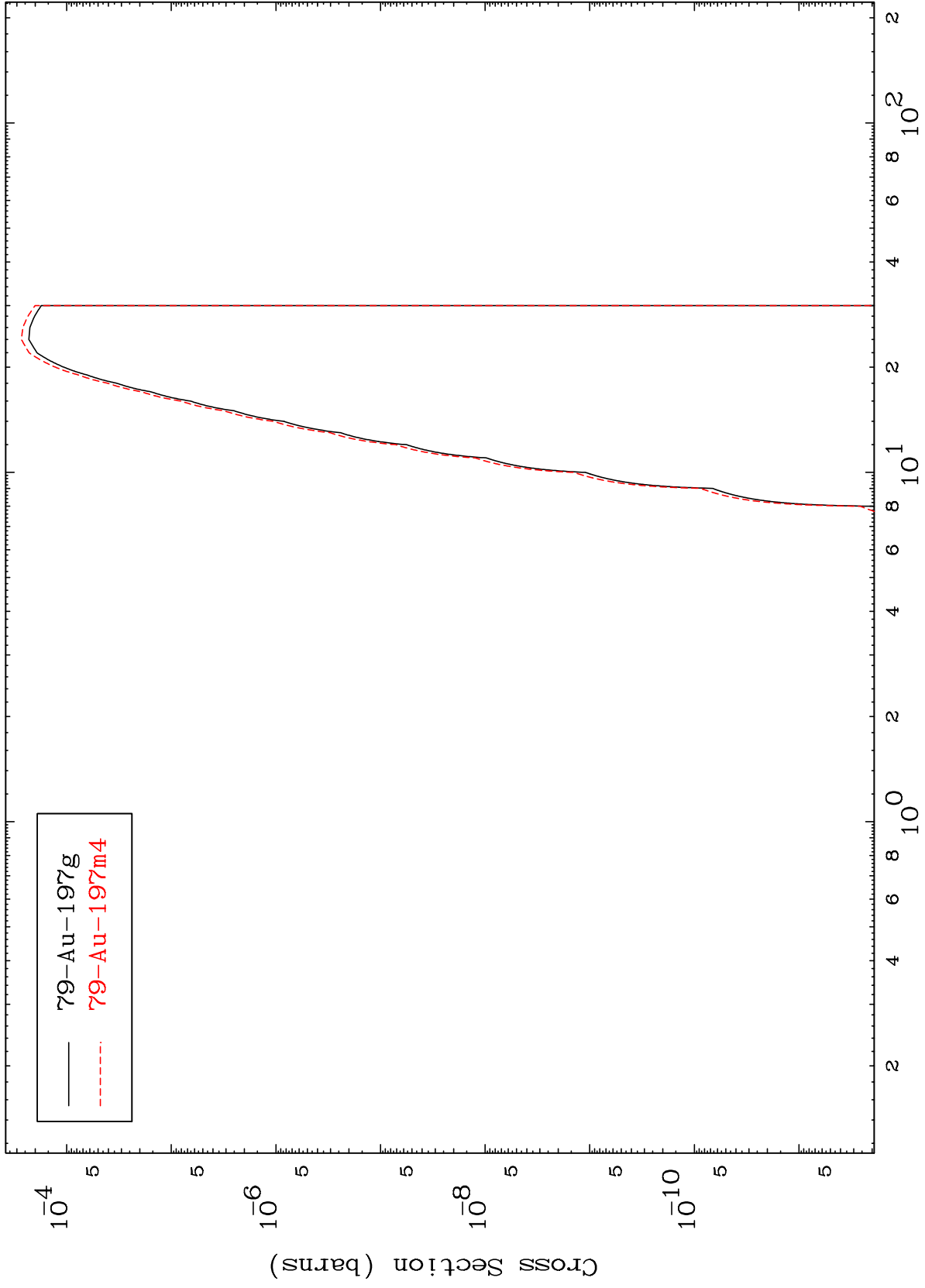
0 Kelvin Cross Sections



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77-Ir-195m

Inelastic  
Radionuclide Production Cross Section



77-Ir-195m

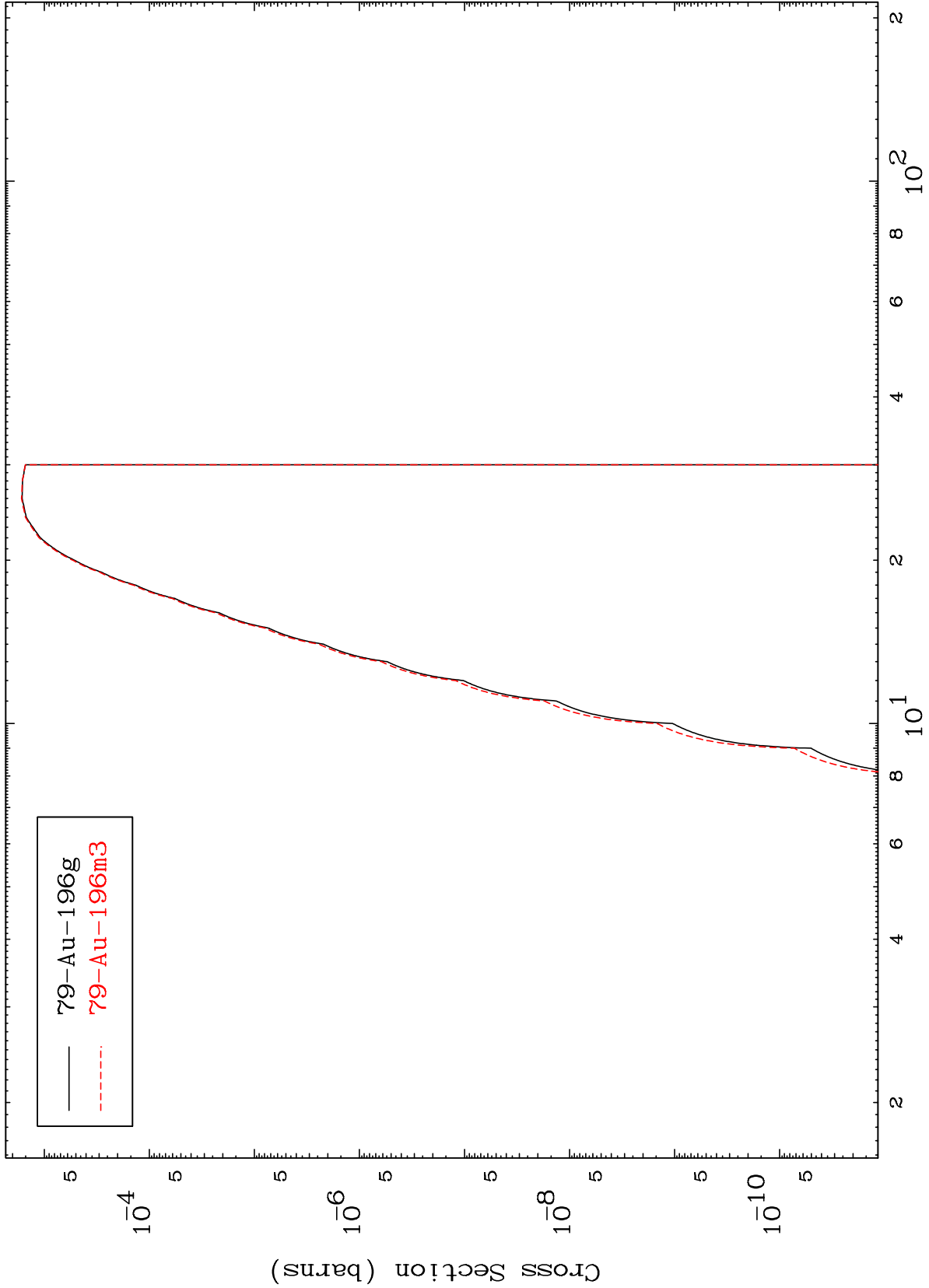
Incident Energy (MeV)

12

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

Radionuclide Production Cross Section



13

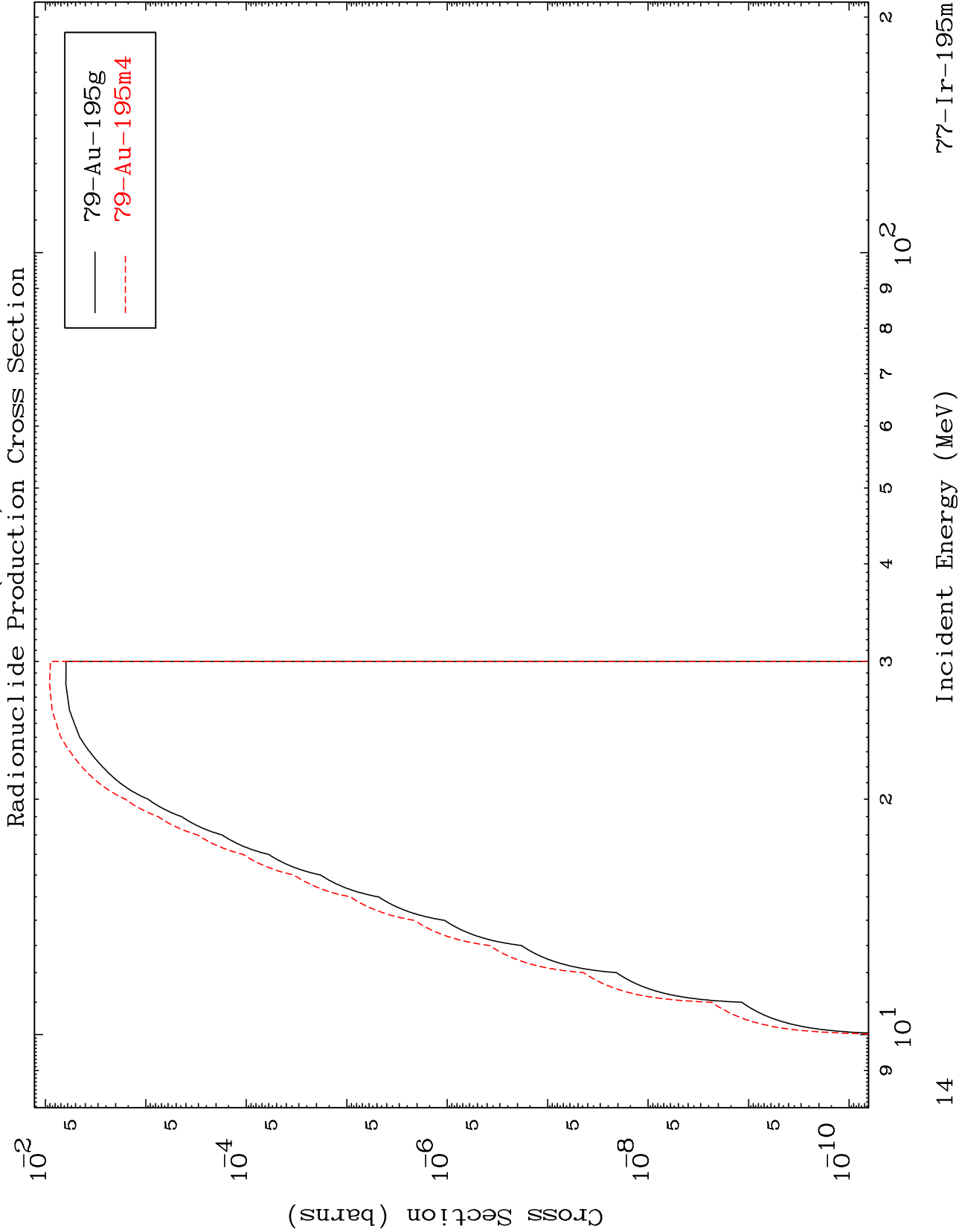
<sup>77</sup>Ir-195m

Incident Energy (MeV)

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(n,3n)

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



14

Incident Energy (MeV)

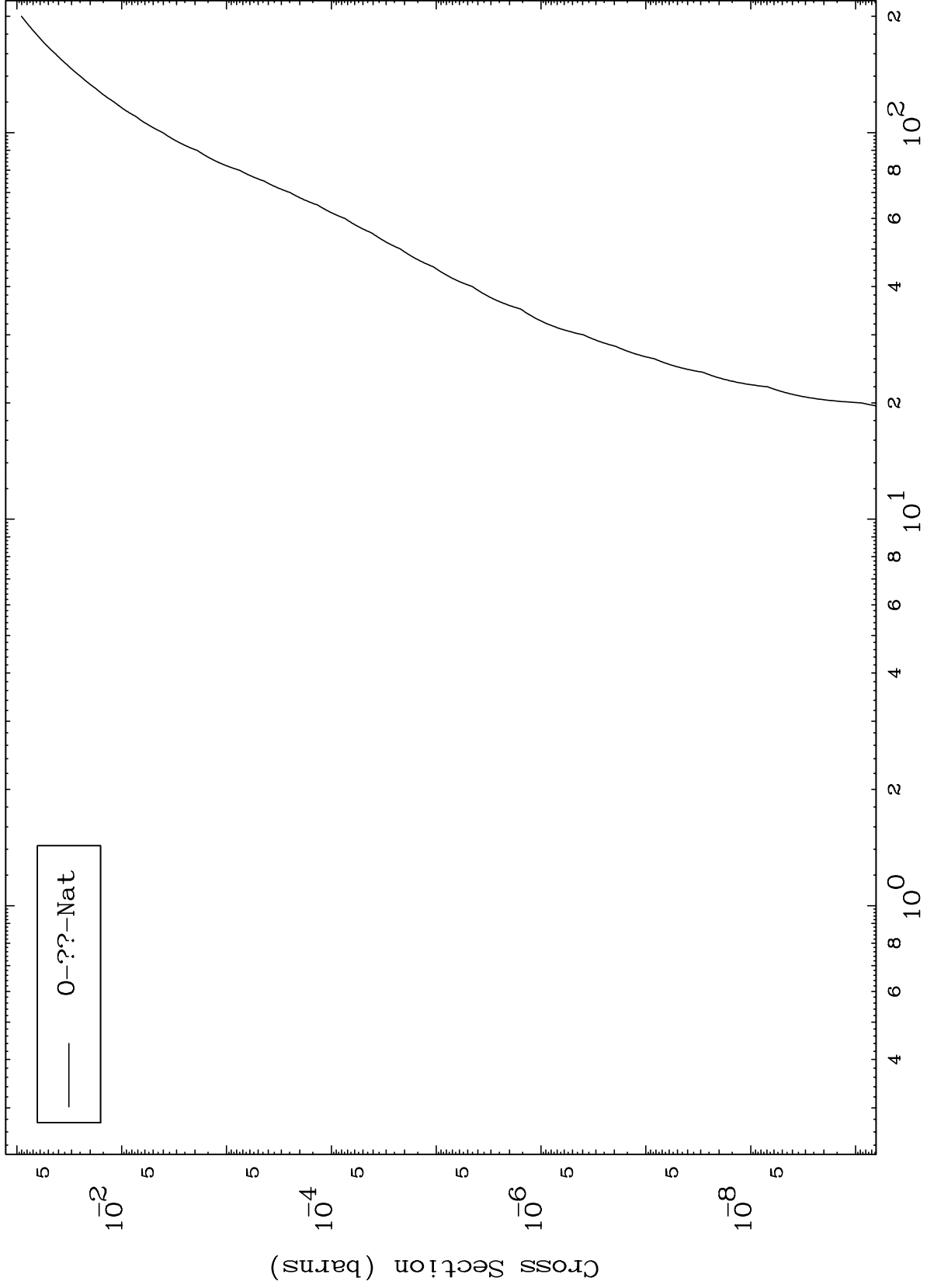
<sup>77</sup>Ir-195m

MAT 7738

Fission

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

Radionuclide Production Cross Section



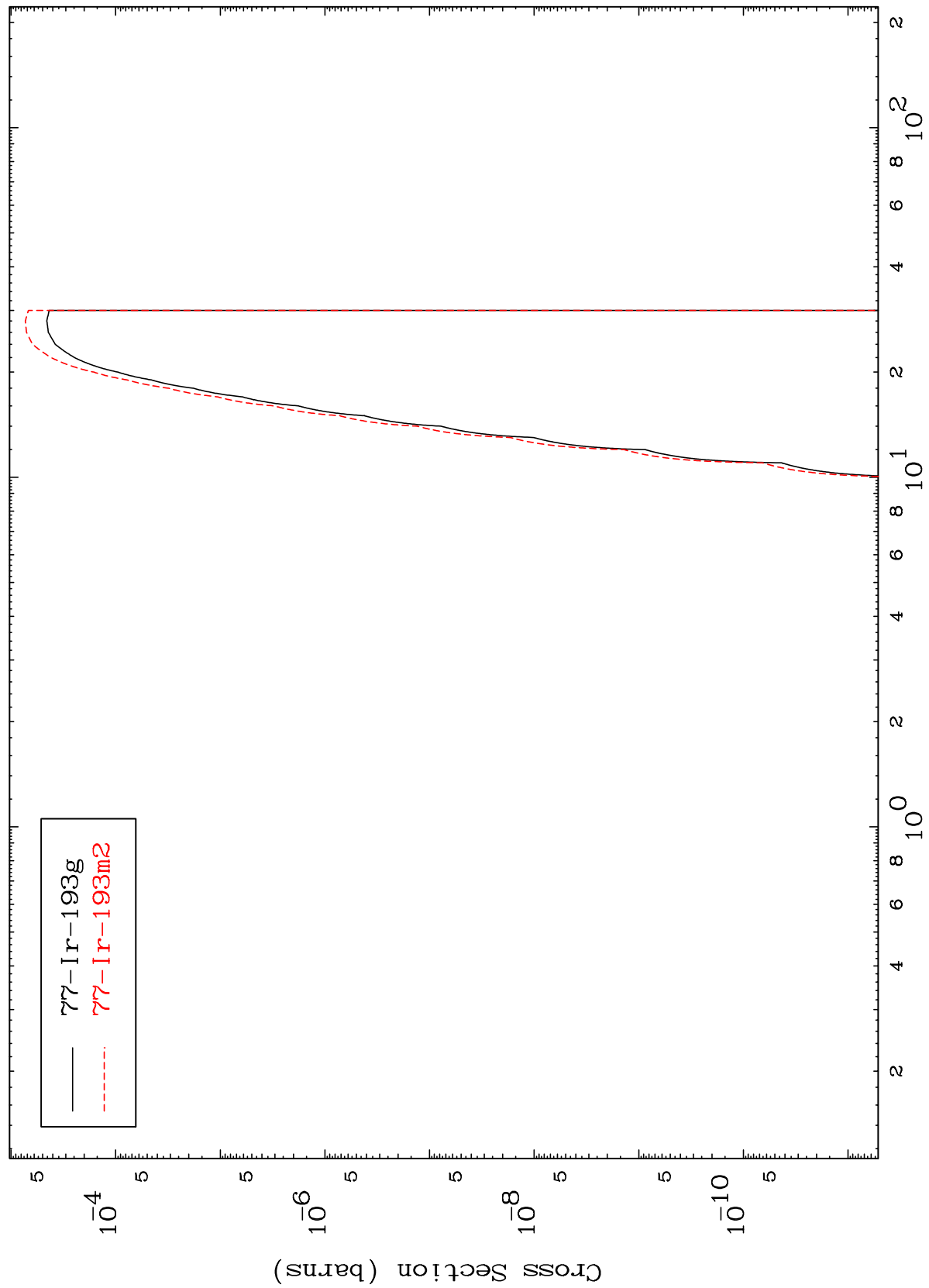


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$(n, n') \alpha$

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

Radionuclide Production Cross Section

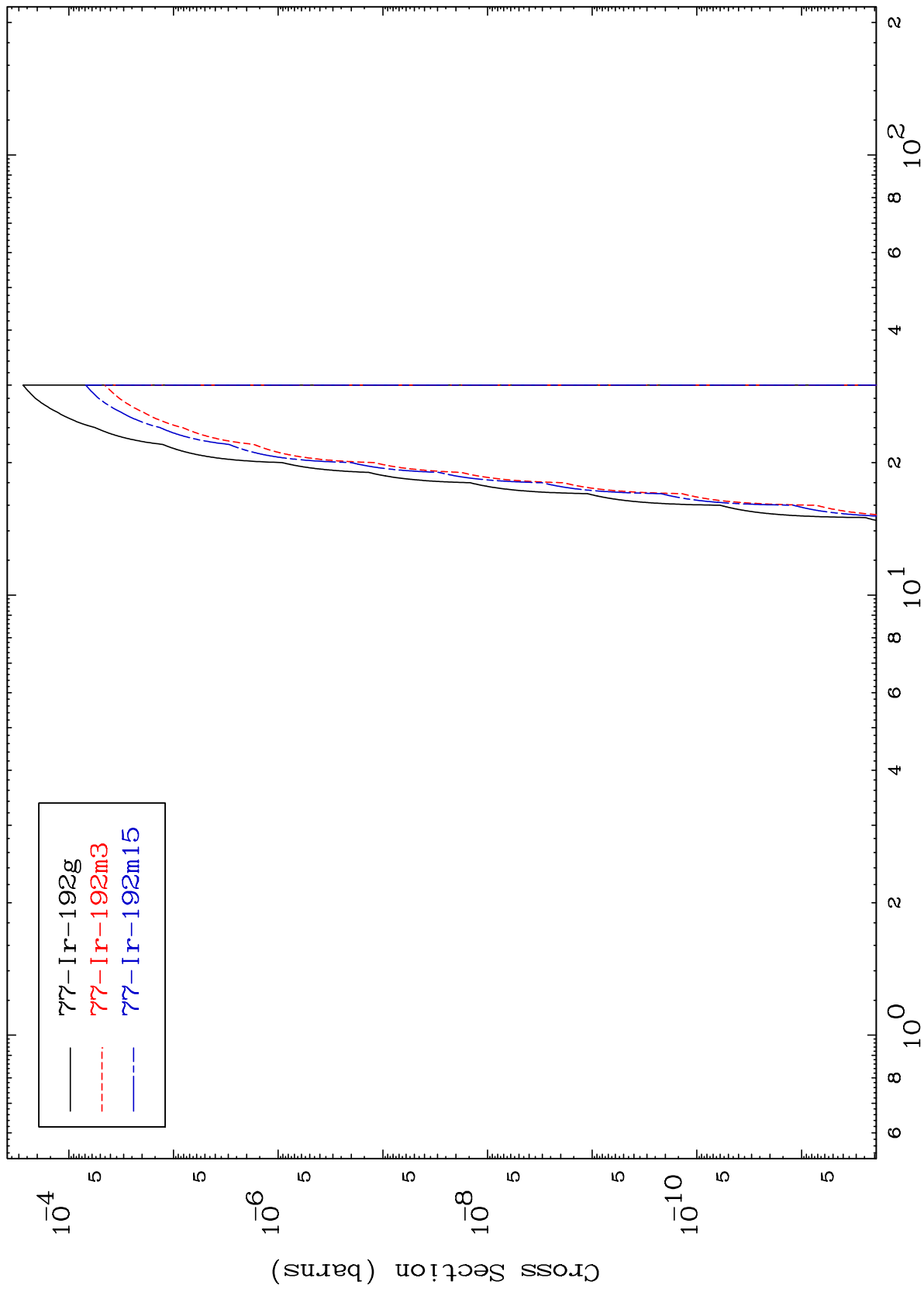


MAT 7738

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

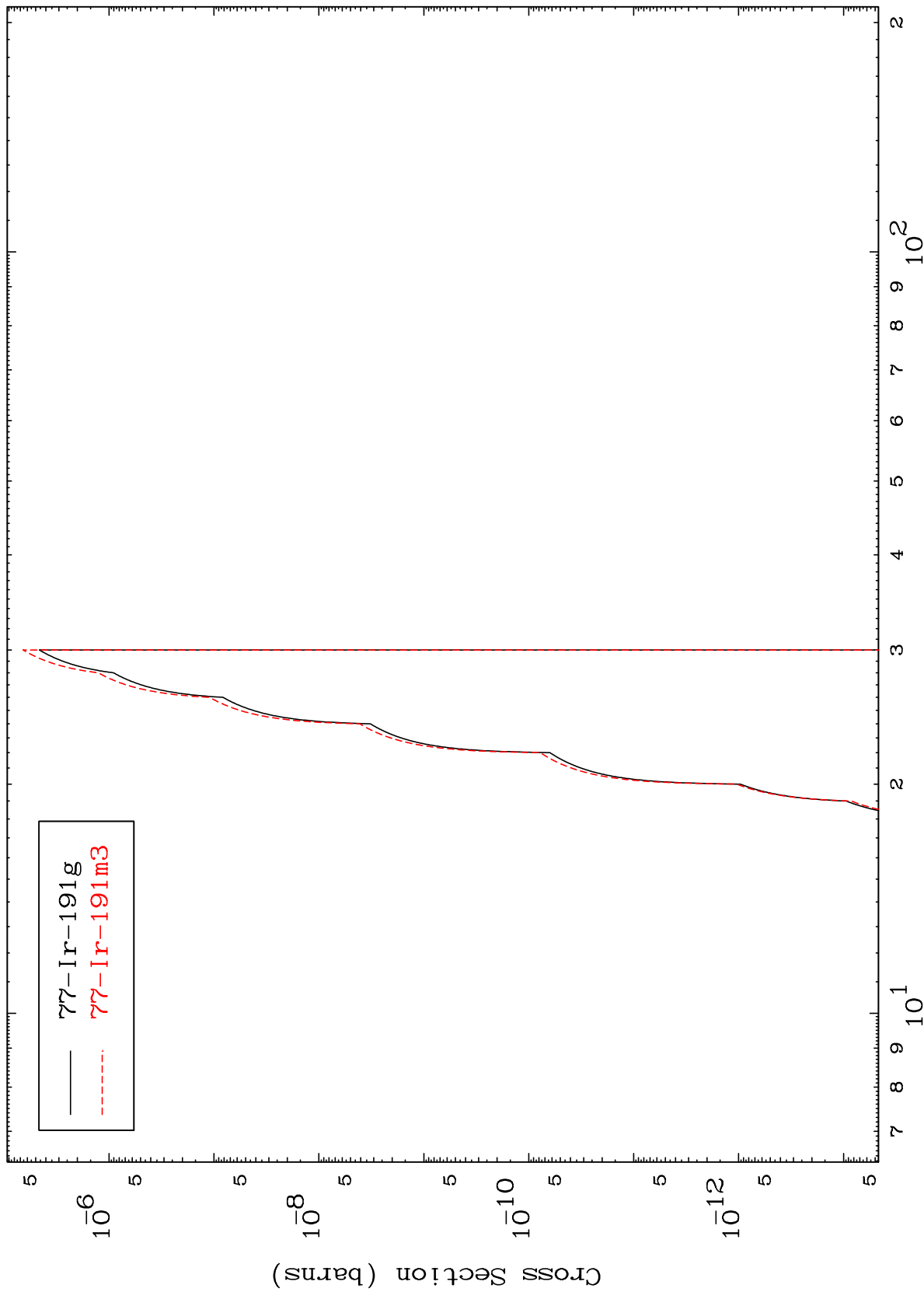
$^{77}\text{Ir-195m}$

MAT 7738

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

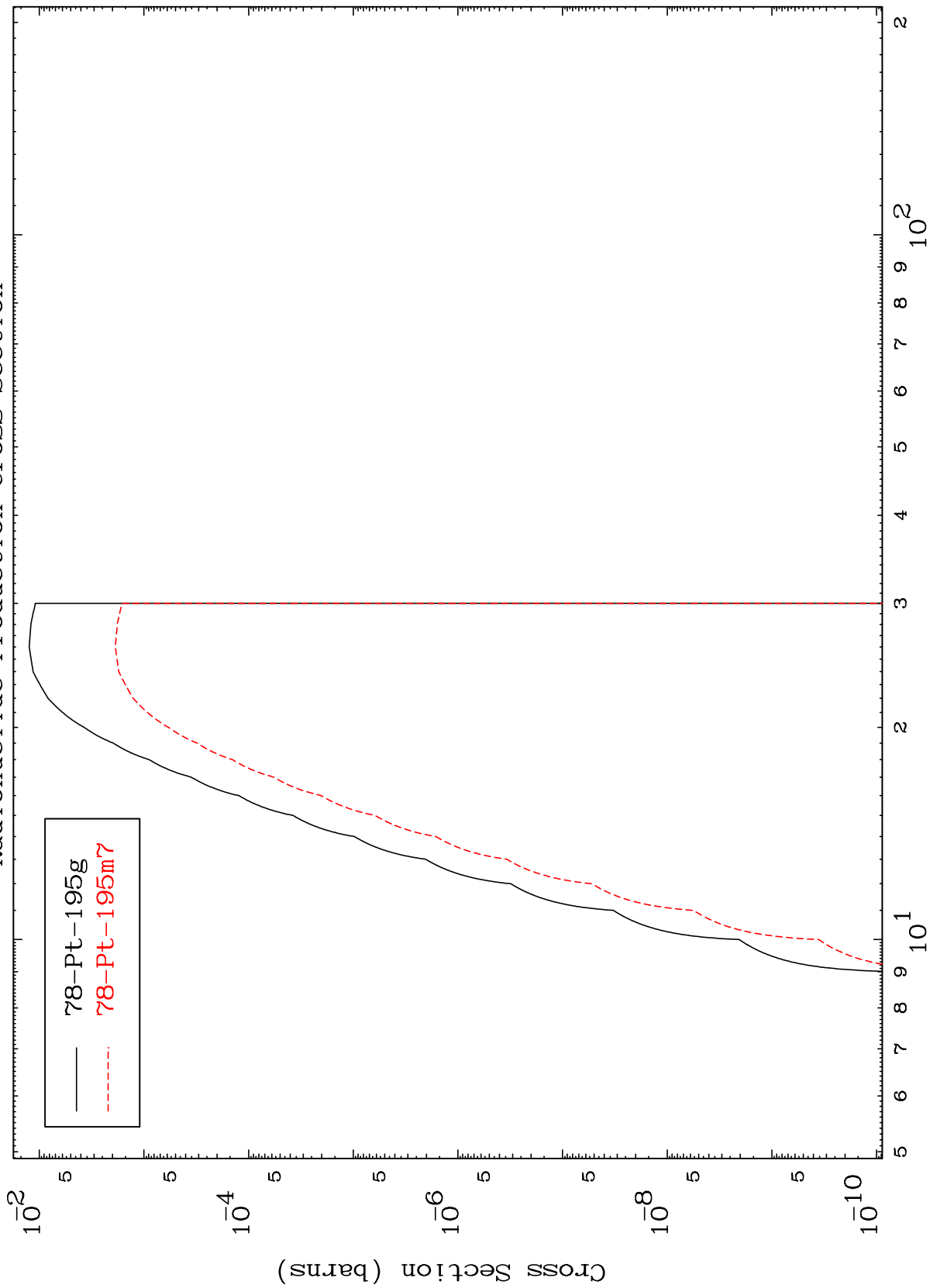
$^{77}\text{Ir}-195\text{m}$

MAT 7738

(n,n') d

77-Ir-195m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

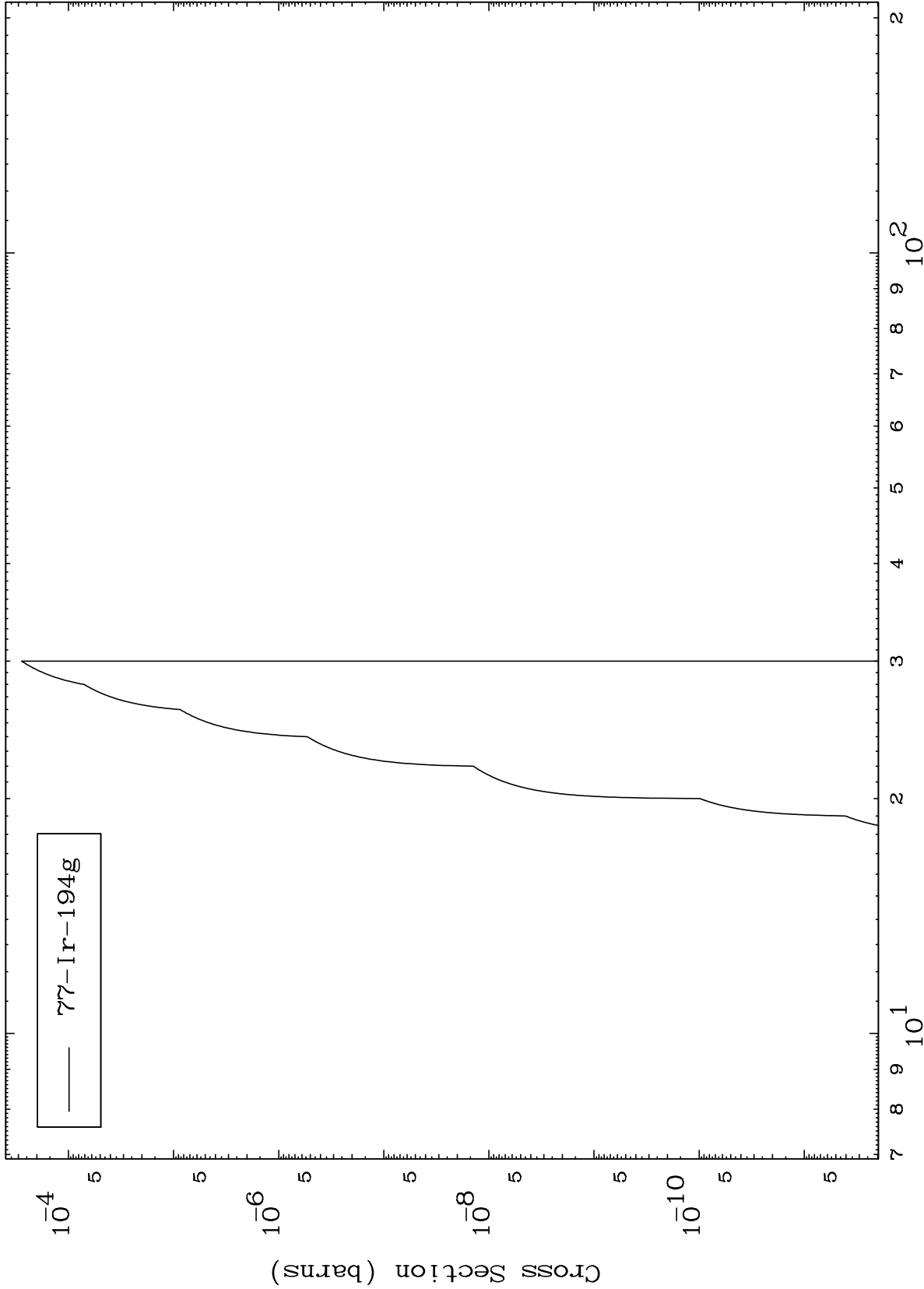
77-Ir-195m

MAT 7738

(n,n') He-3

77-Ir-195m

Radionuclide Production Cross Section

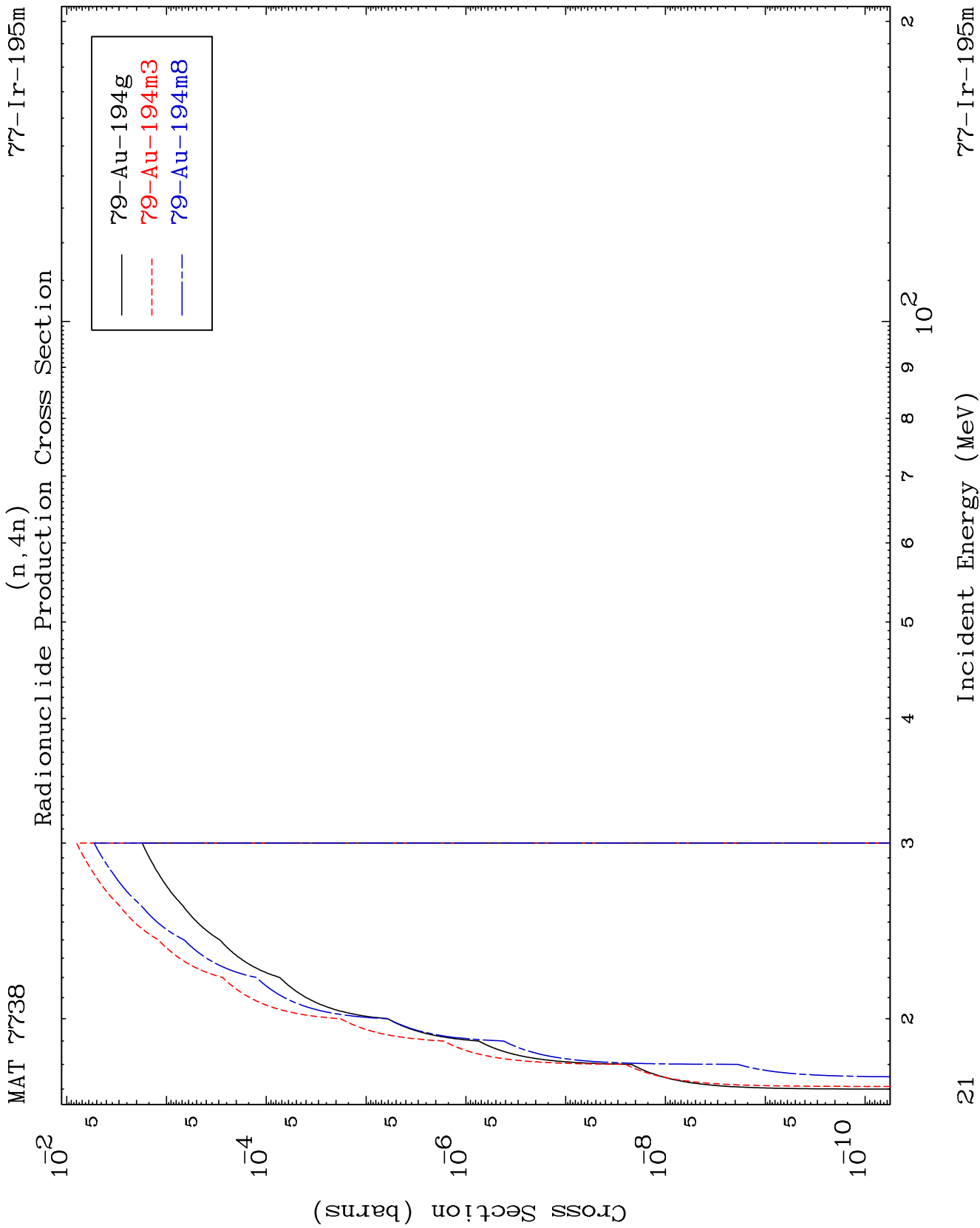


77-Ir-194g

Incident Energy (MeV)

77-Ir-195m

20

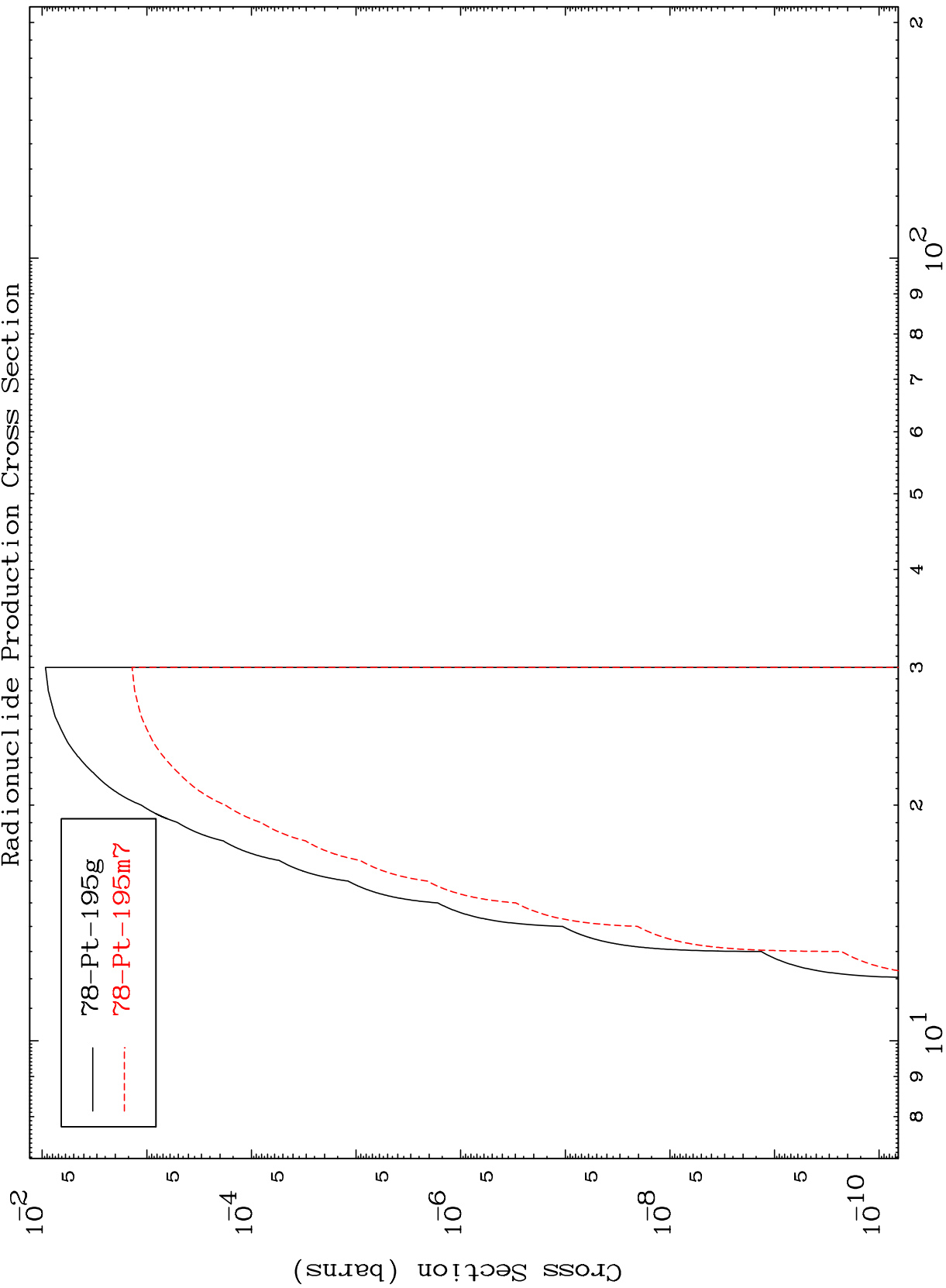


MAT 7738

(n,2n) p

77-Ir-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-195m

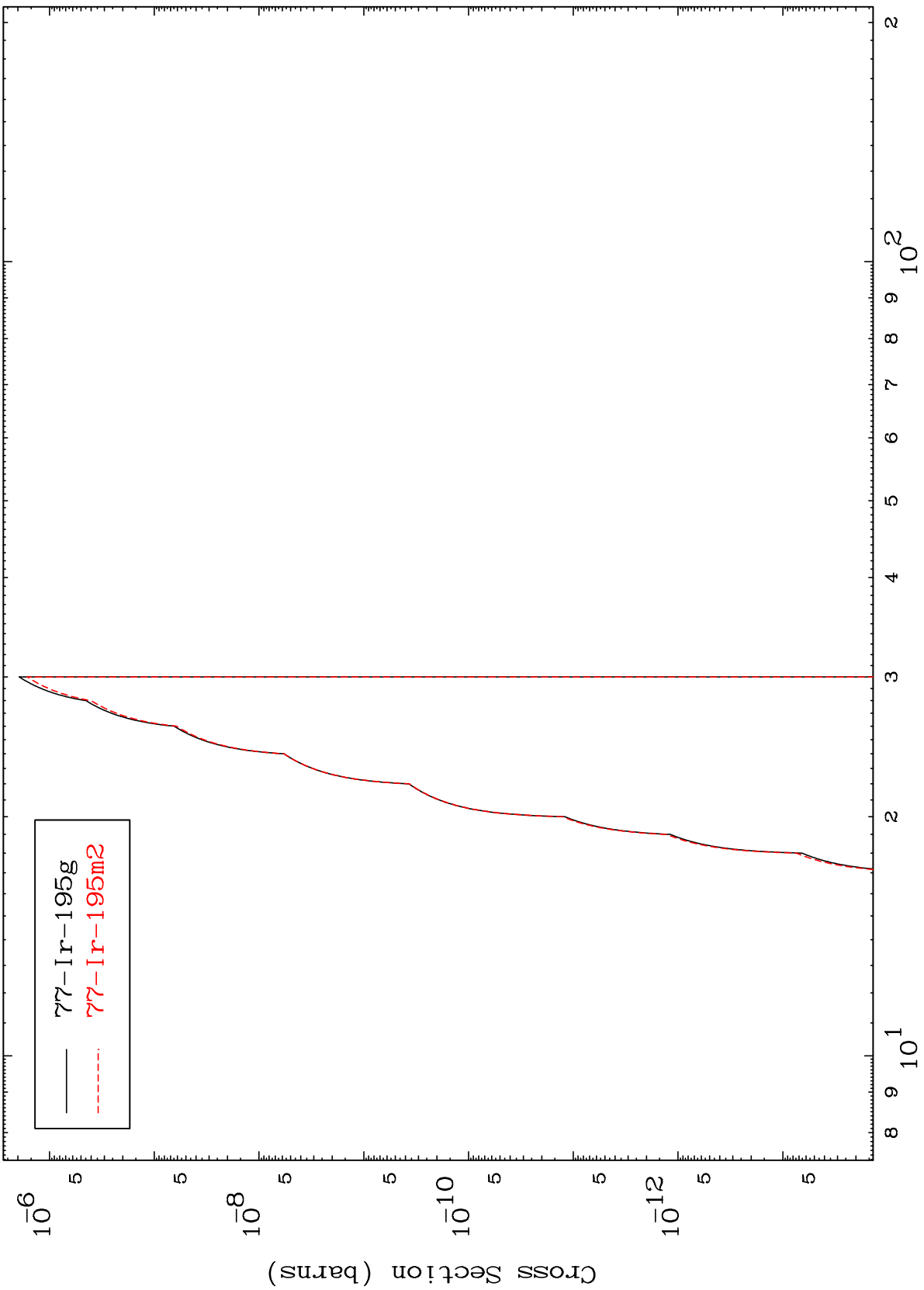
22

MAT 7738

(n,2n) p

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

Radionuclide Production Cross Section



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

Incident Energy (MeV)

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

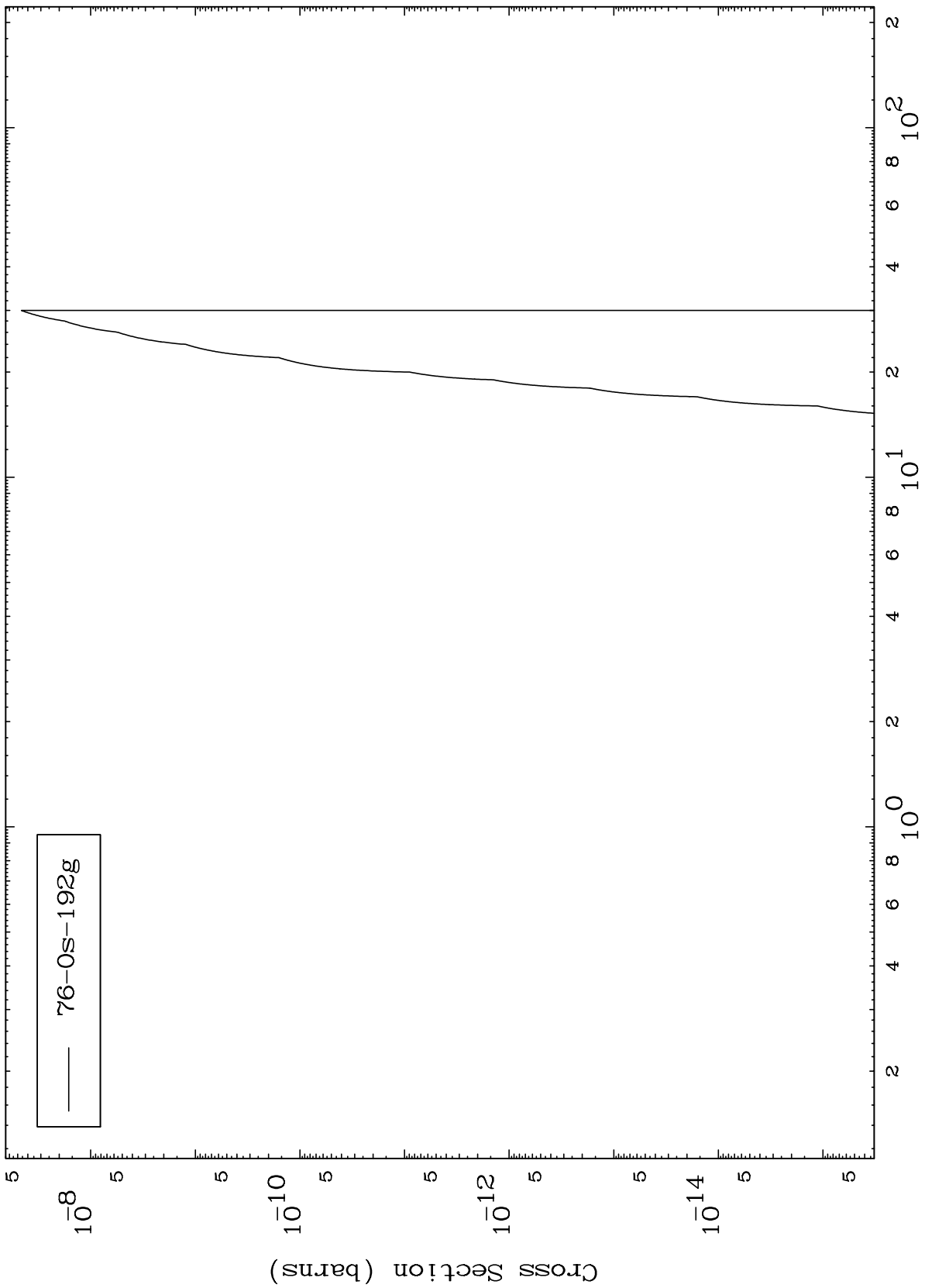


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(n,n') p  $\alpha$

77-Ir-195m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

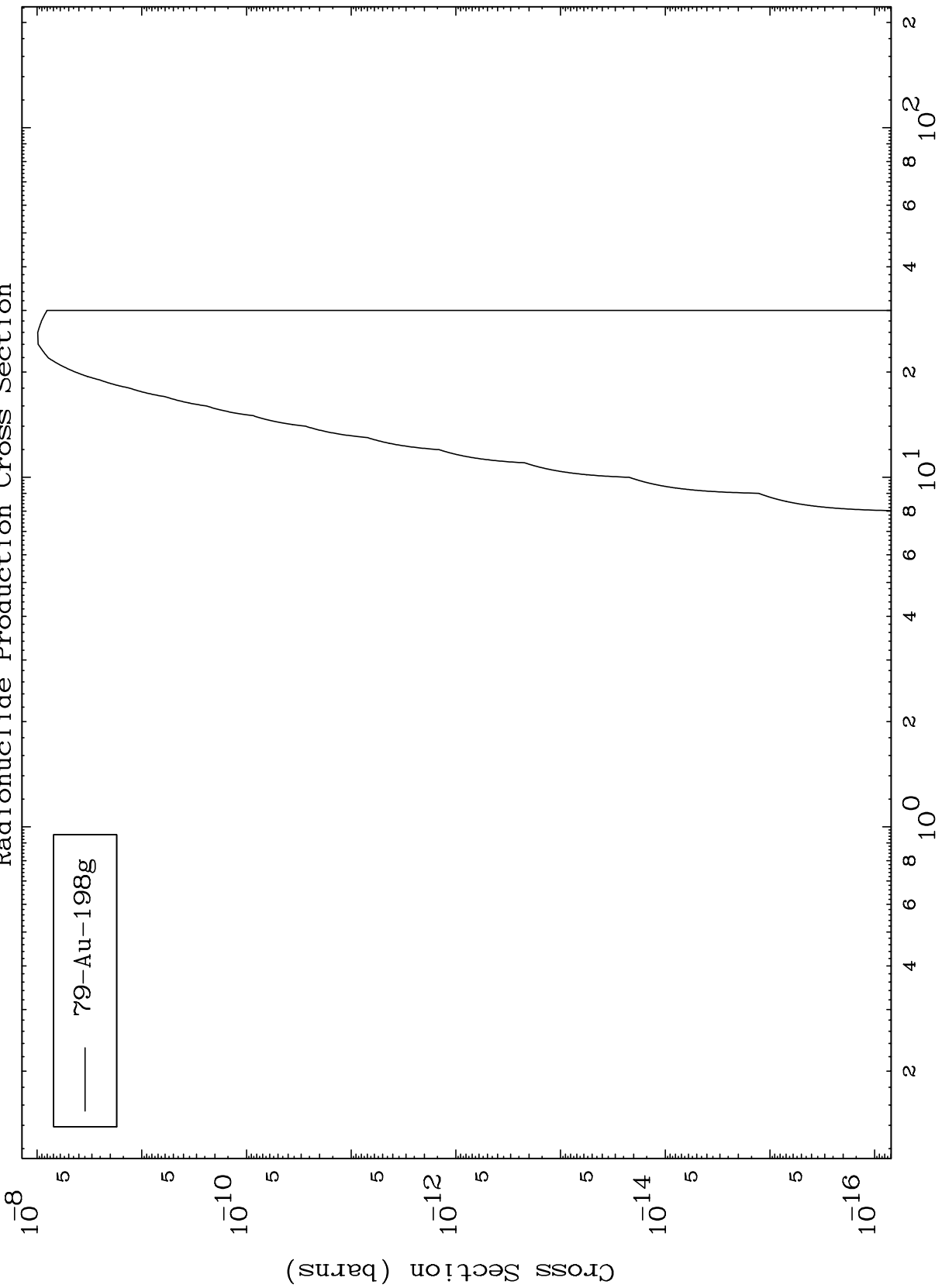
77-Ir-195m

MAT 7738

(n,  $\gamma$ )

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

Radionuclide Production Cross Section

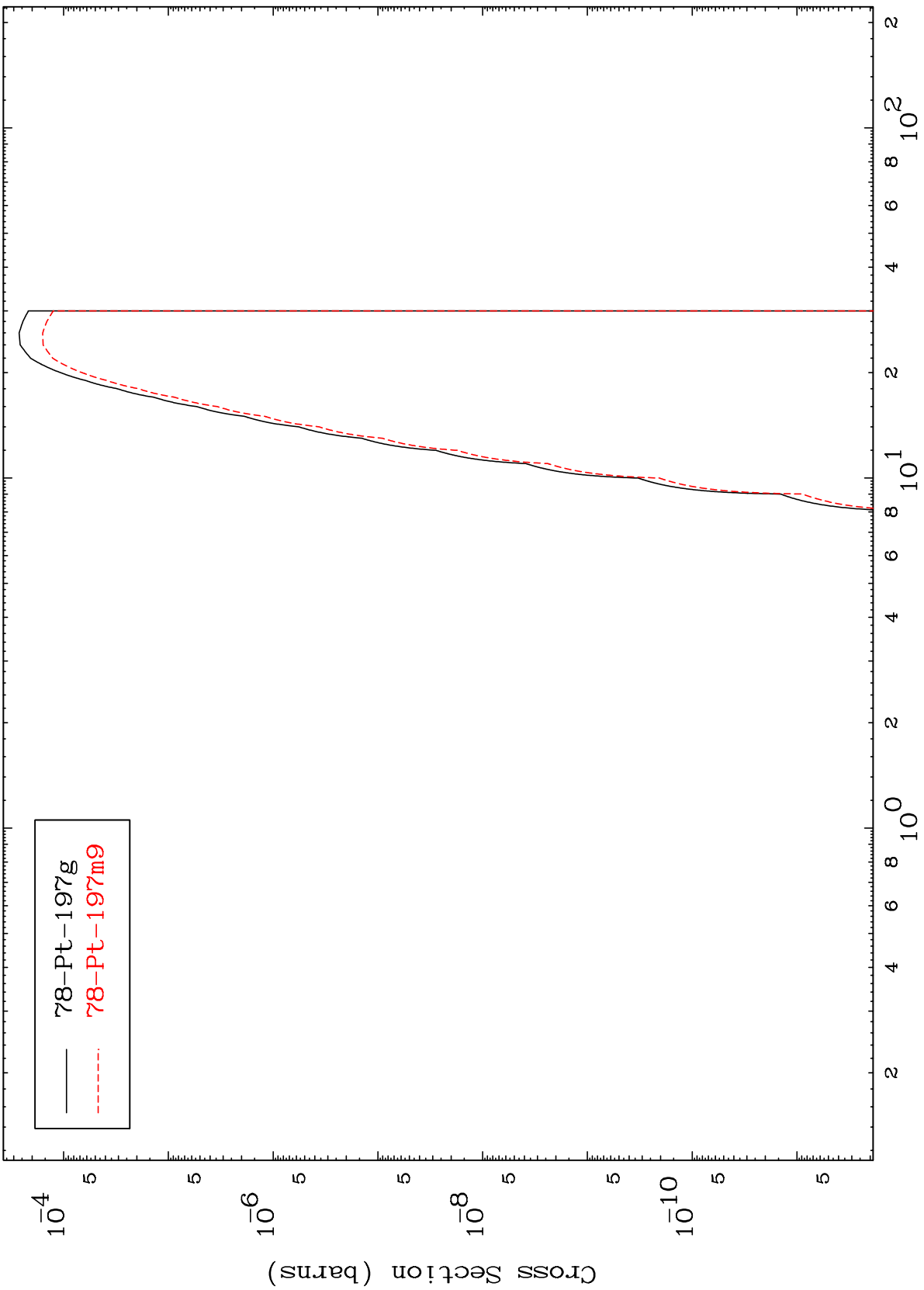


MAT 7738

(n,p)

77-Ir-195m

Radionuclide Production Cross Section

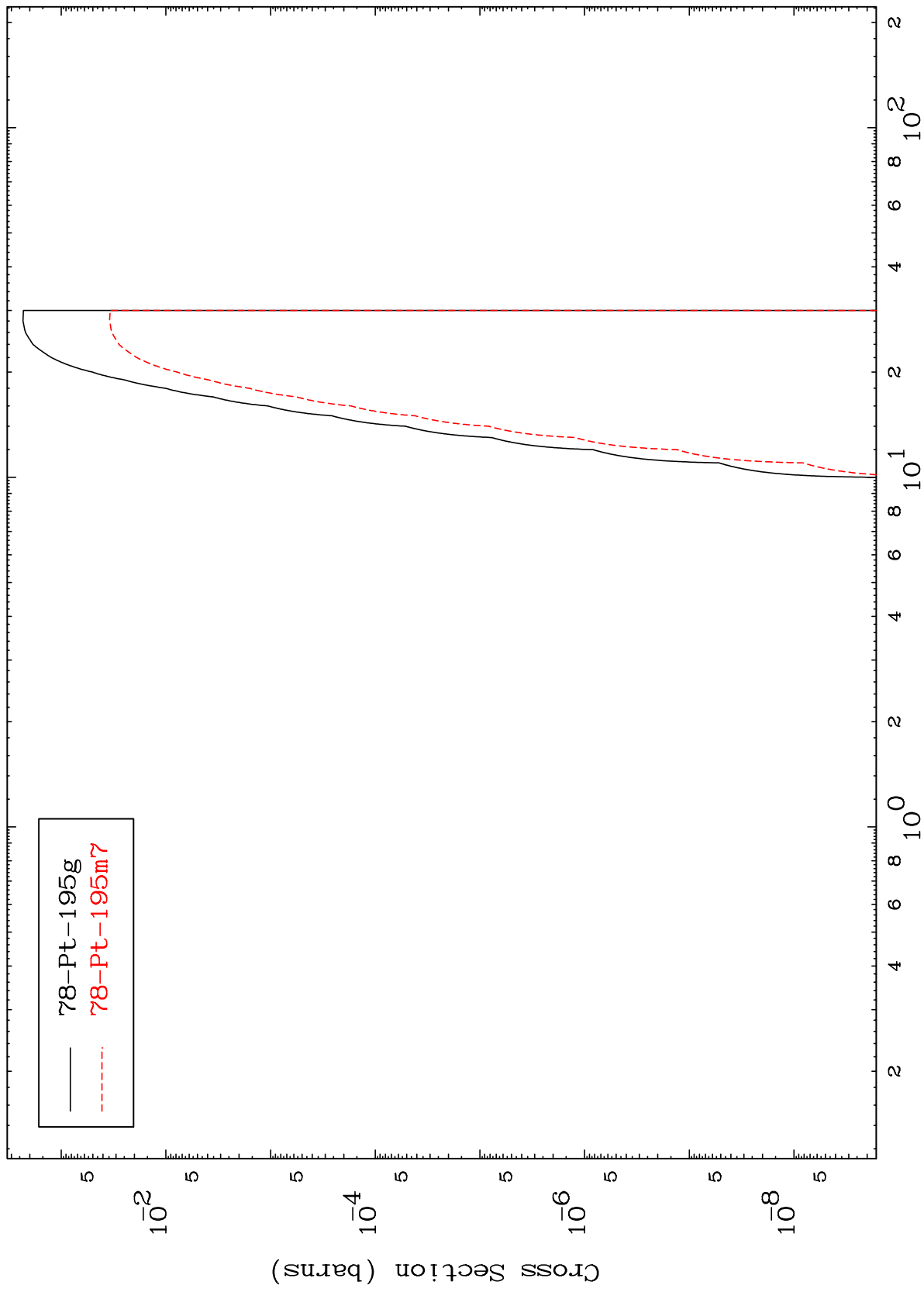


78-Pt-197g  
78-Pt-197m9

MAT 7738

77-Ir-195m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

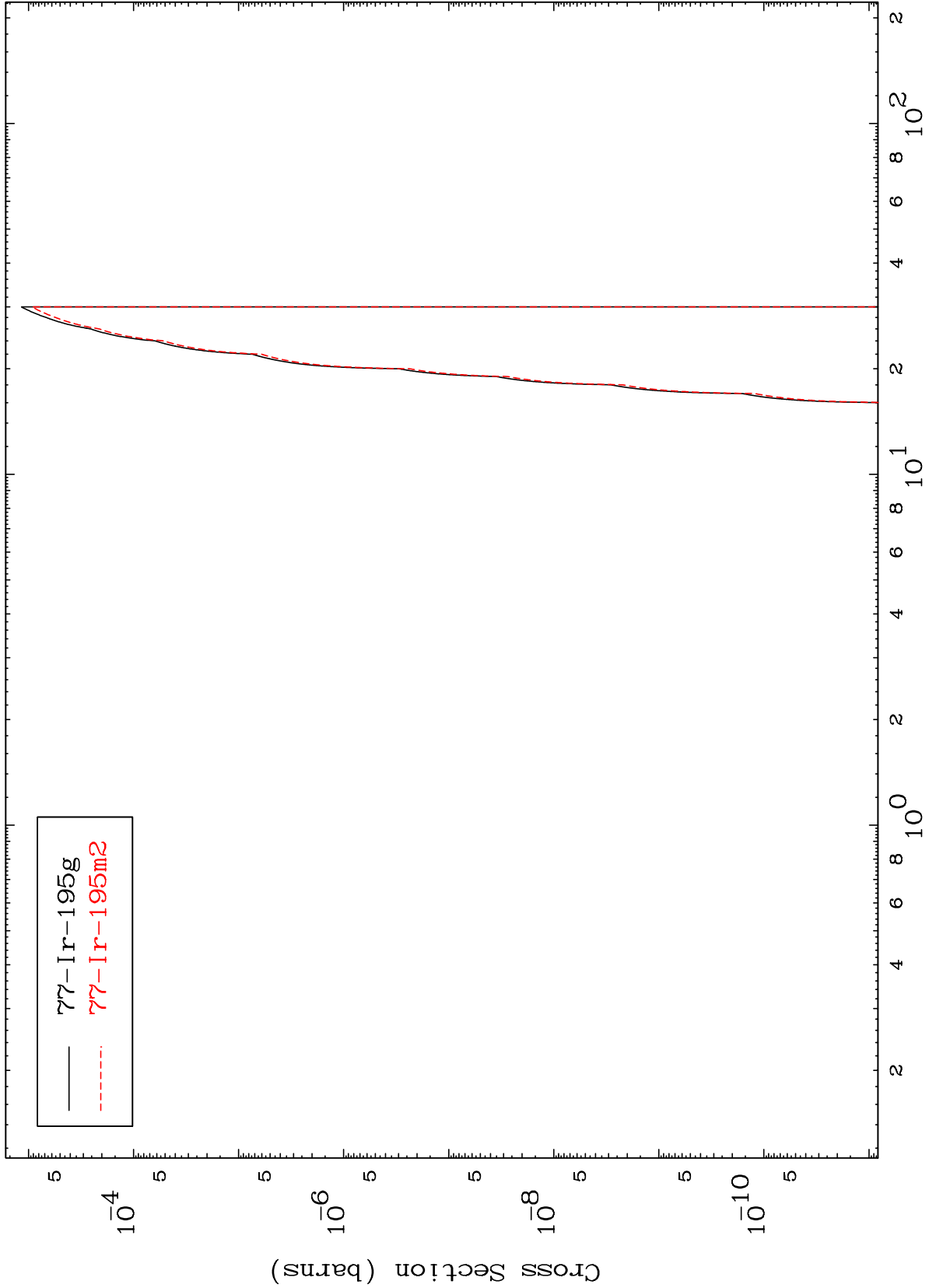
77-Ir-195m

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(n,He-3)

77-Ir-195m

Radionuclide Production Cross Section

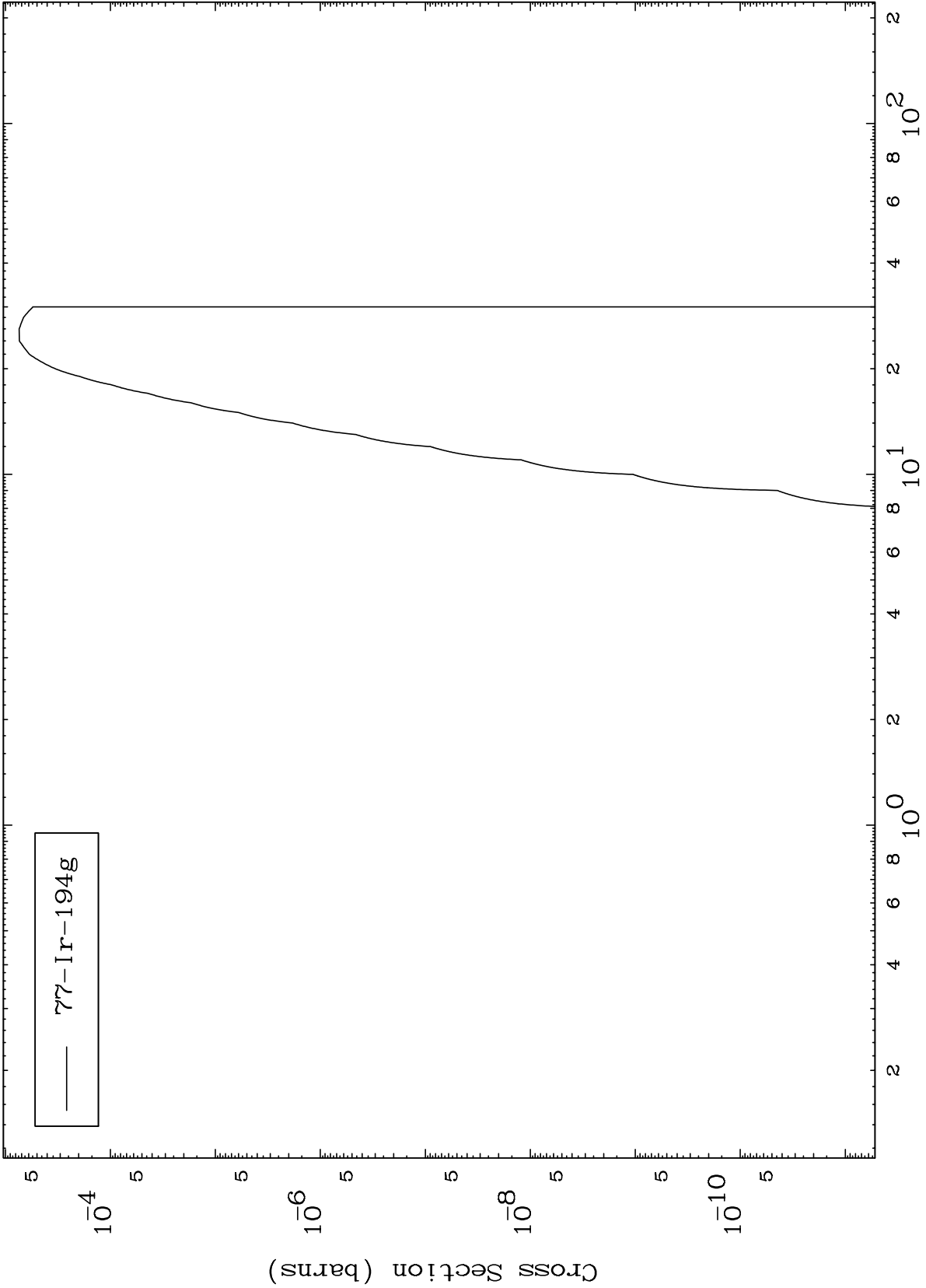


77-Ir-195g  
77-Ir-195m2

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77-Ir-195m

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

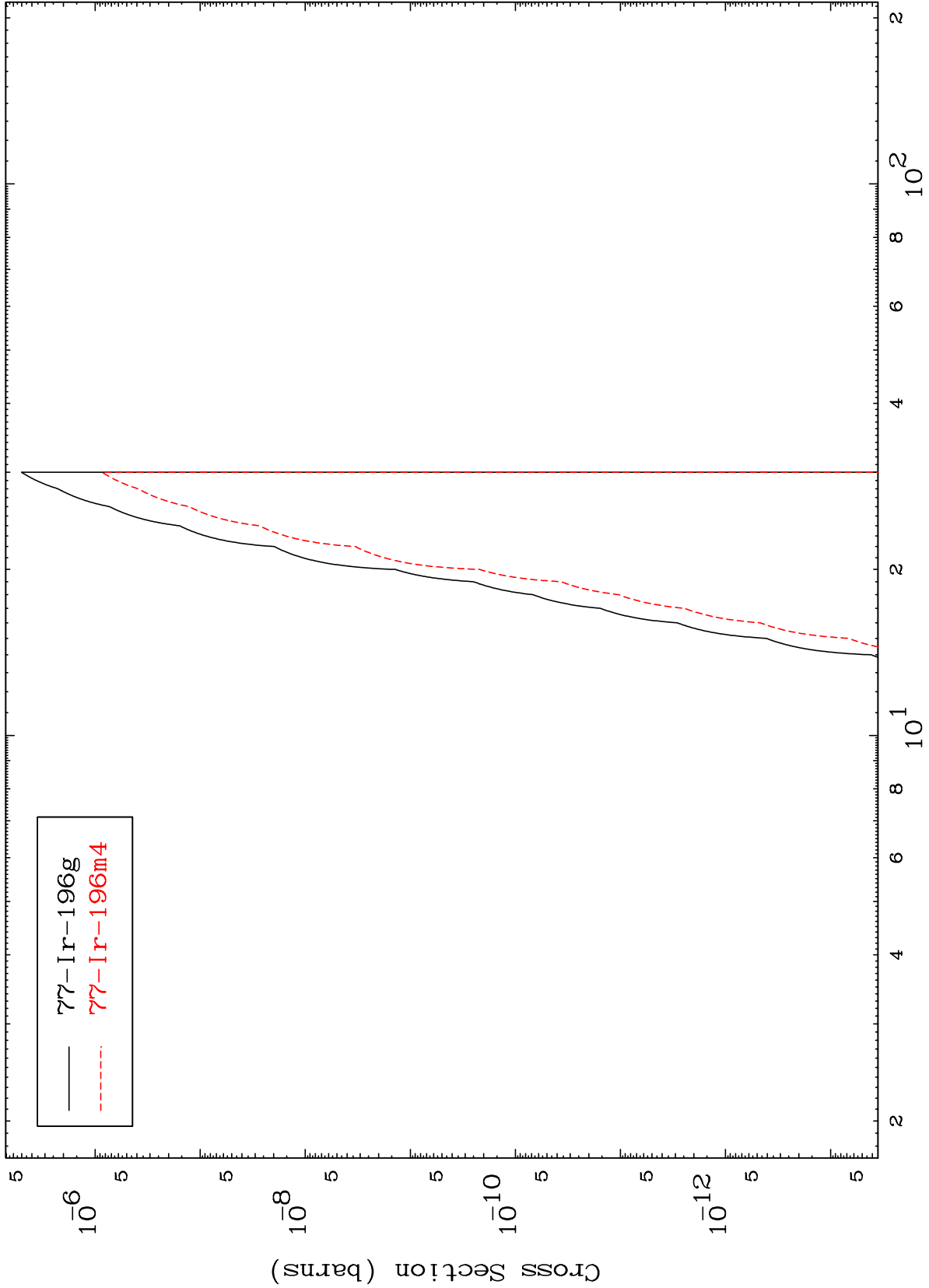


MAT 7738

(n,2p)

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

Radionuclide Production Cross Section



— <sup>77</sup>Ir-196g  
- - - <sup>77</sup>Ir-196m4

30

Incident Energy (MeV)

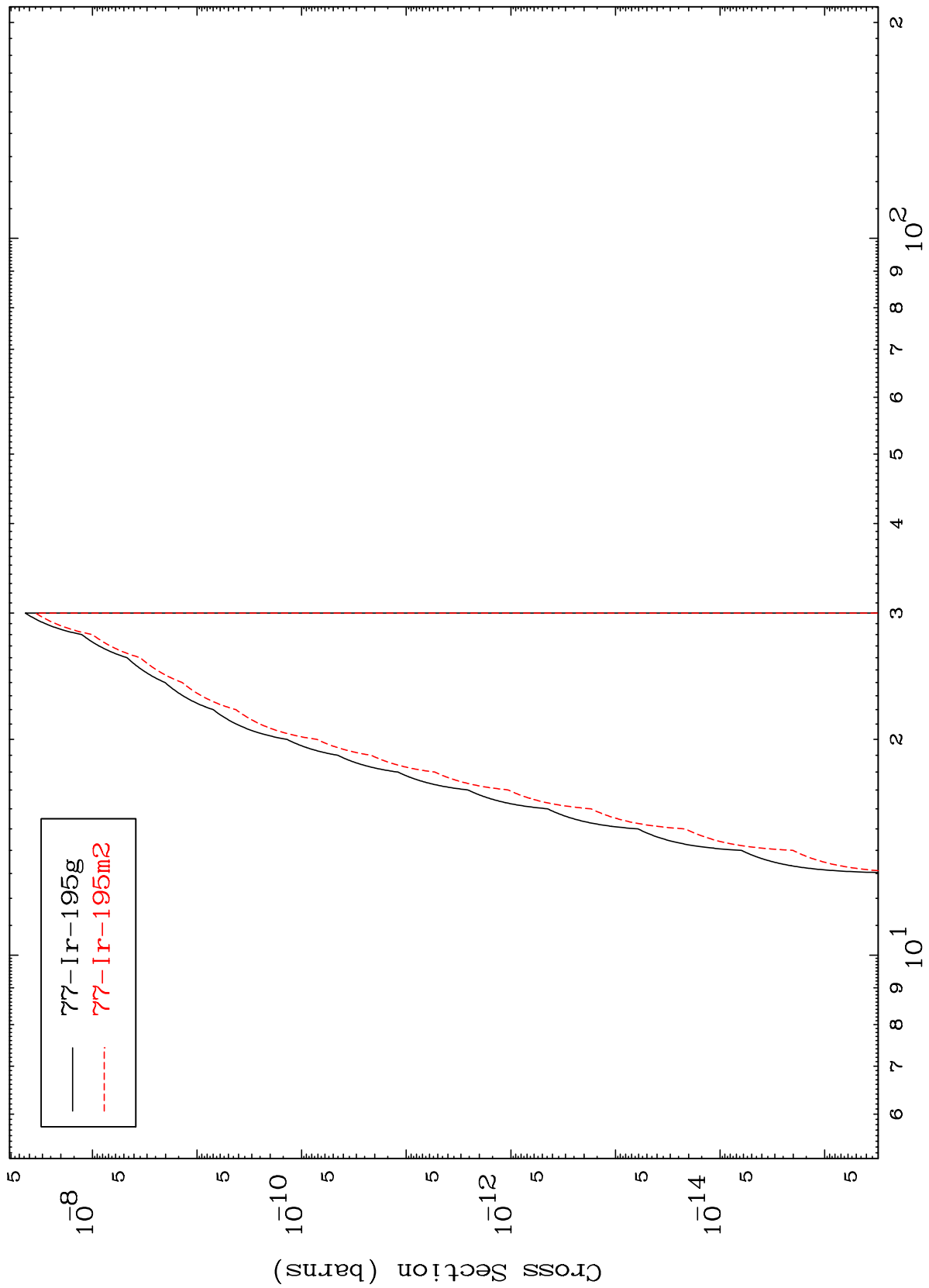
<sup>77</sup>Ir-195m

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(n,p) d

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

Radionuclide Production Cross Section



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

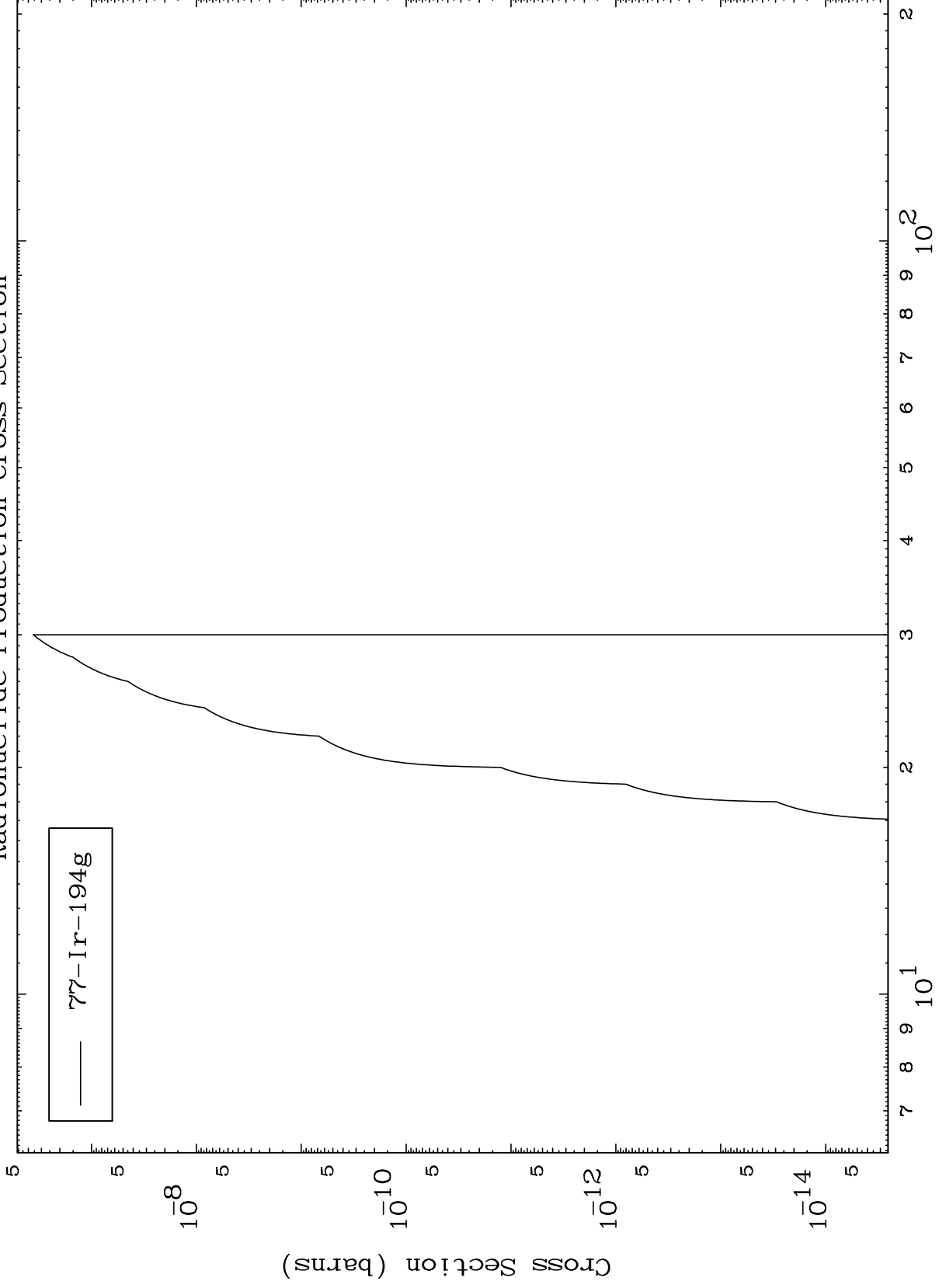


MAT 7738

(n,p) t

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

Radionuclide Production Cross Section



32

Incident Energy (MeV)

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

MAT 7738

(n,d)  $\alpha$

77-Ir-195m

Radionuclide Production Cross Section

