

Program EVALPLOT  
(Version 2021-1)

by

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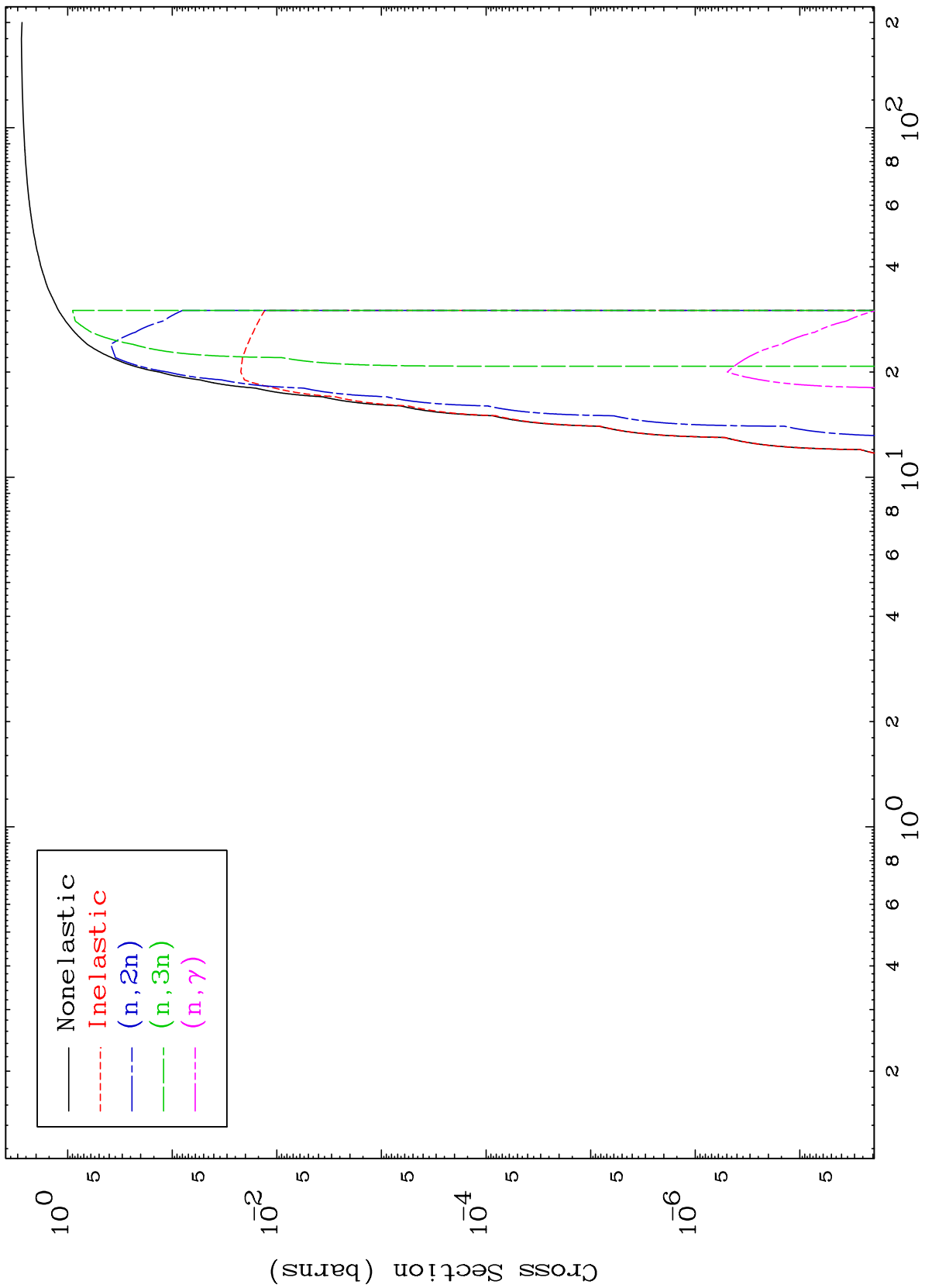
Press Mouse Button to Start

MAT 7744

$\alpha$  Major

77-Ir-197m

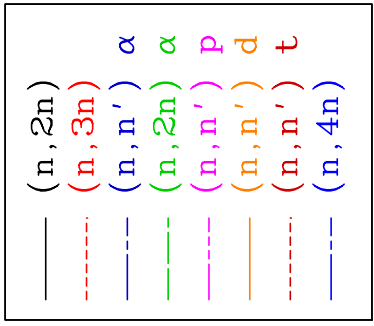
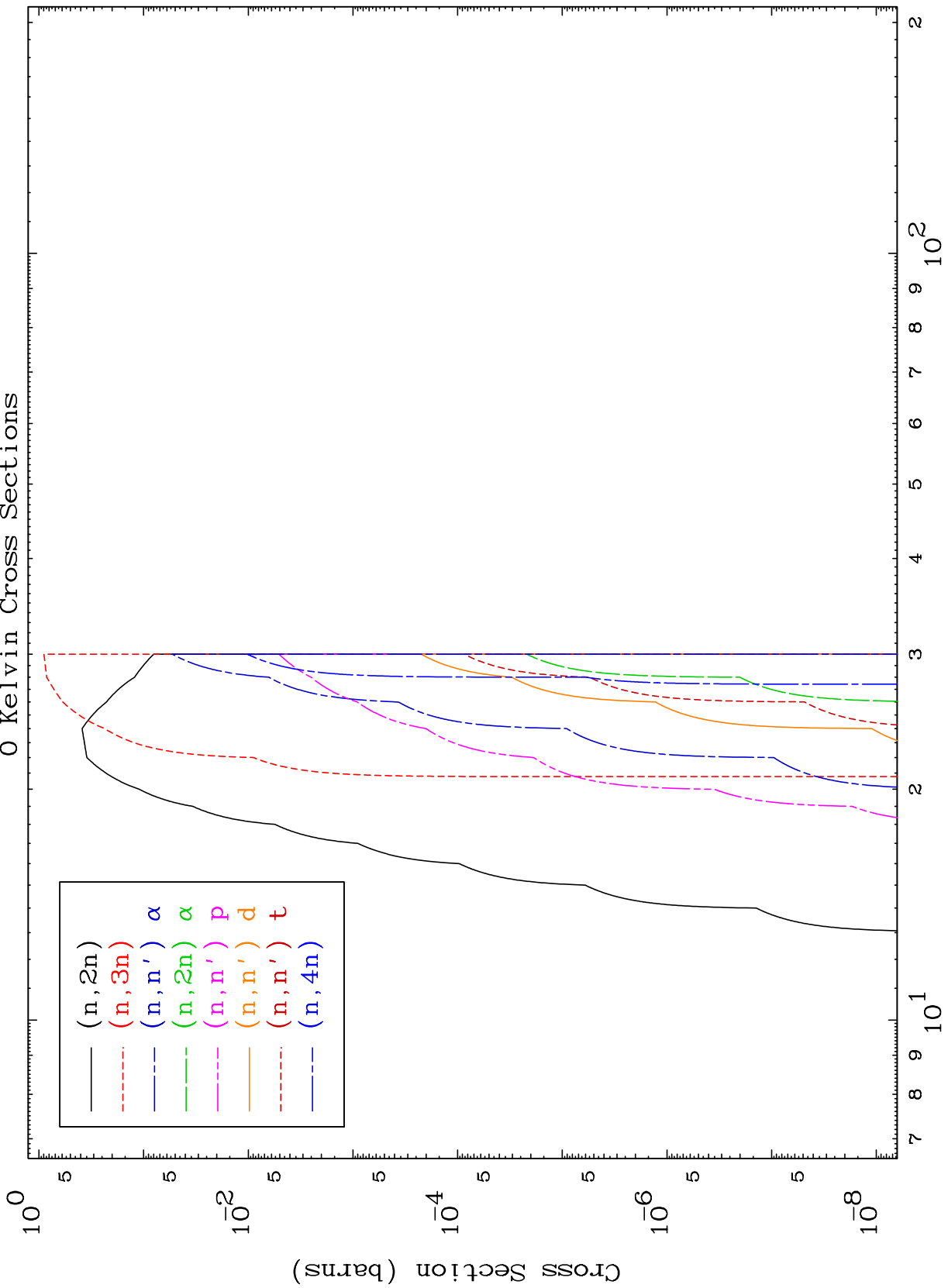
0 Kelvin Cross Sections



MAT 7744

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-197m



77-Ir-197m

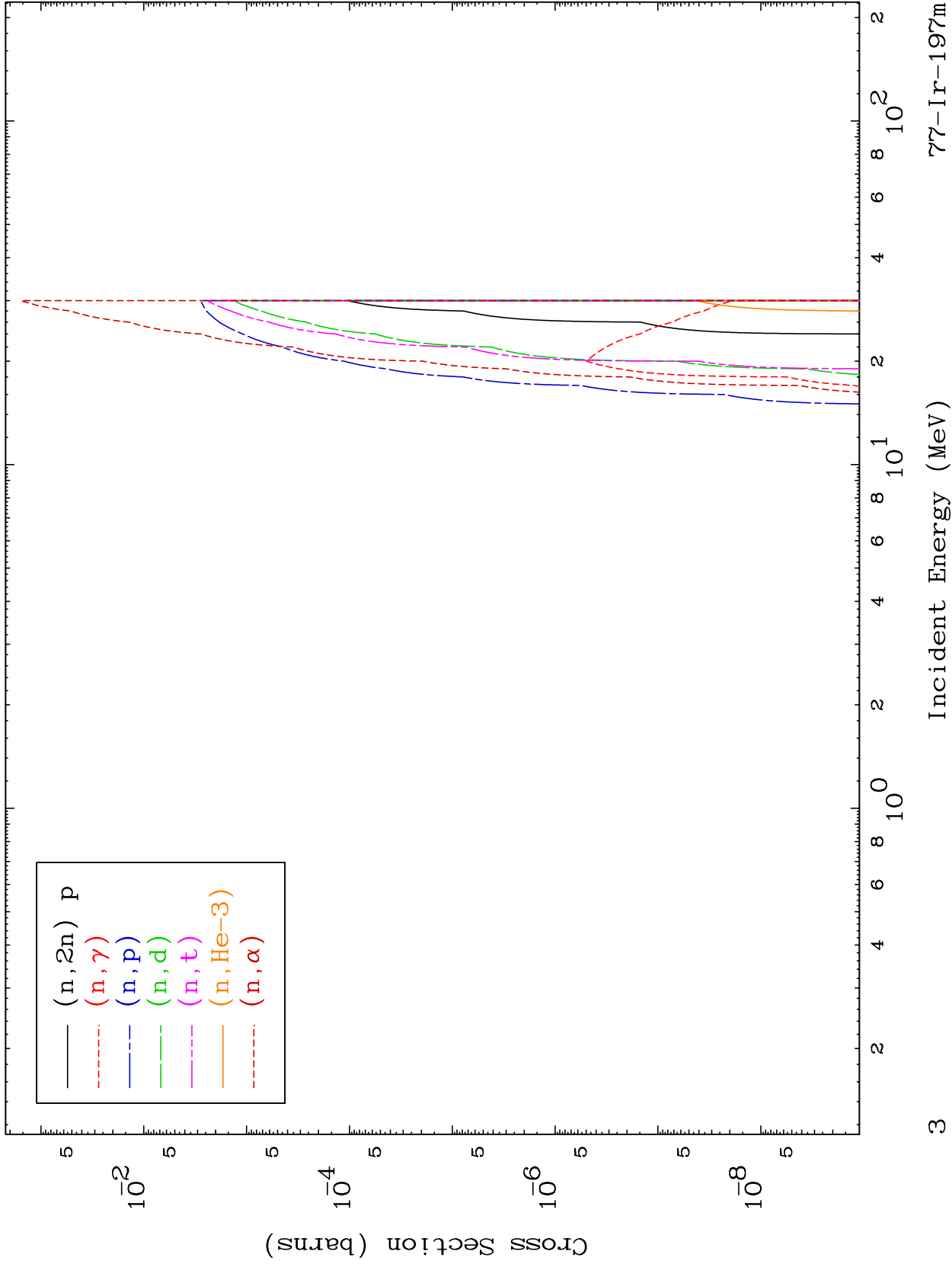
Incident Energy (MeV)

2

MAT 7744

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

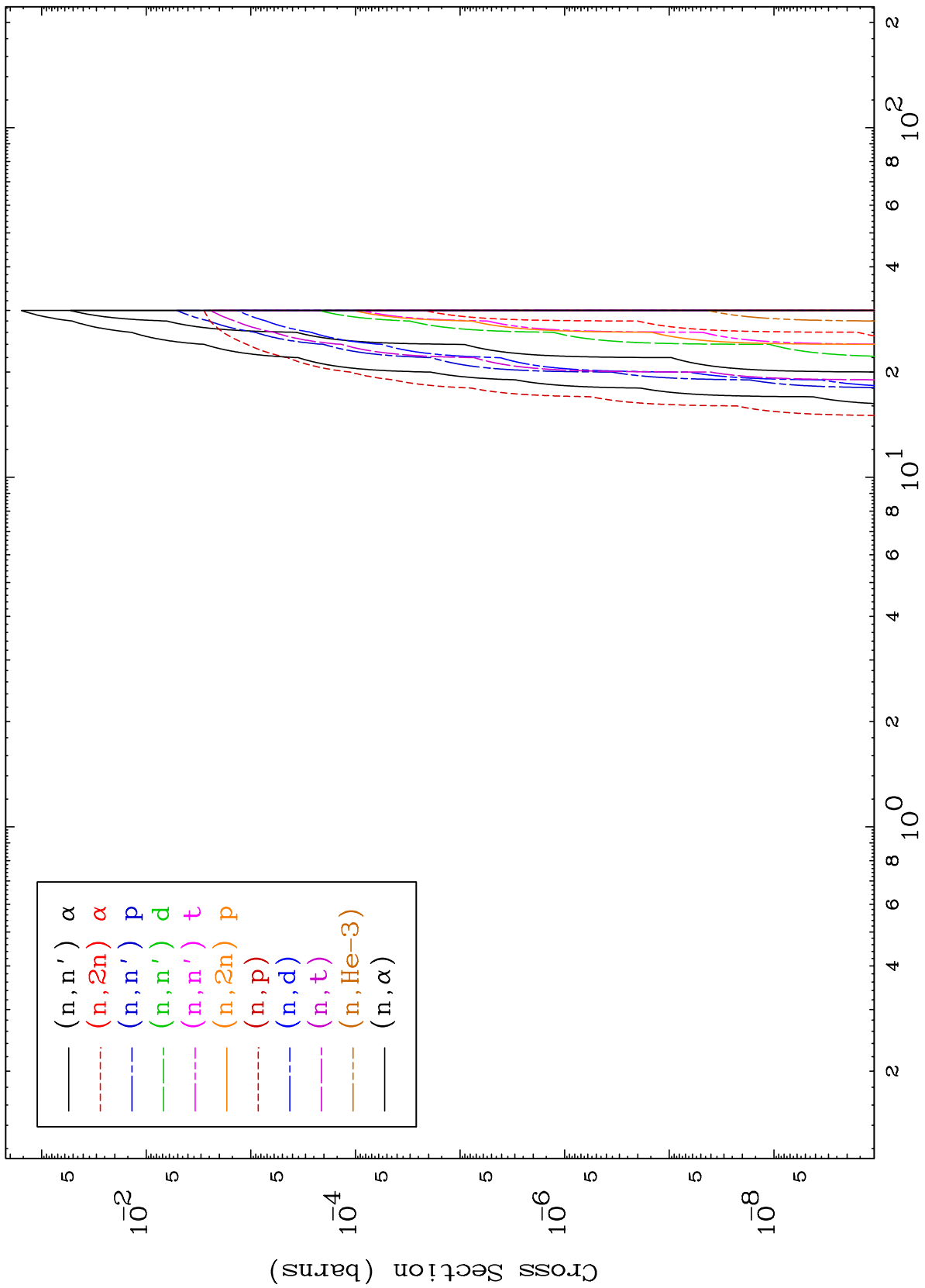
77-Ir-197m



MAT 7744

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

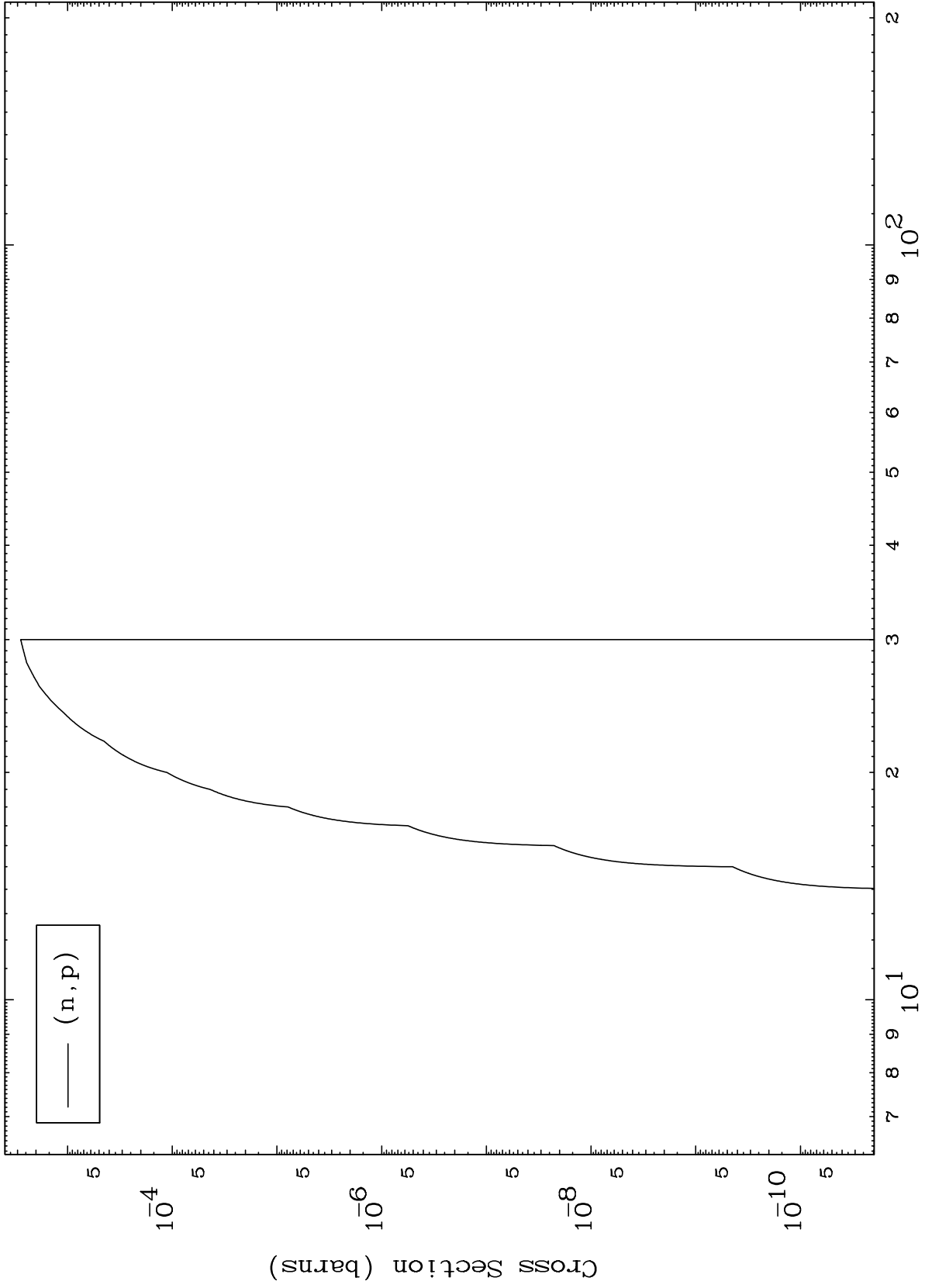
77-Ir-197m



MAT 7744

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

77-Ir-197m



5

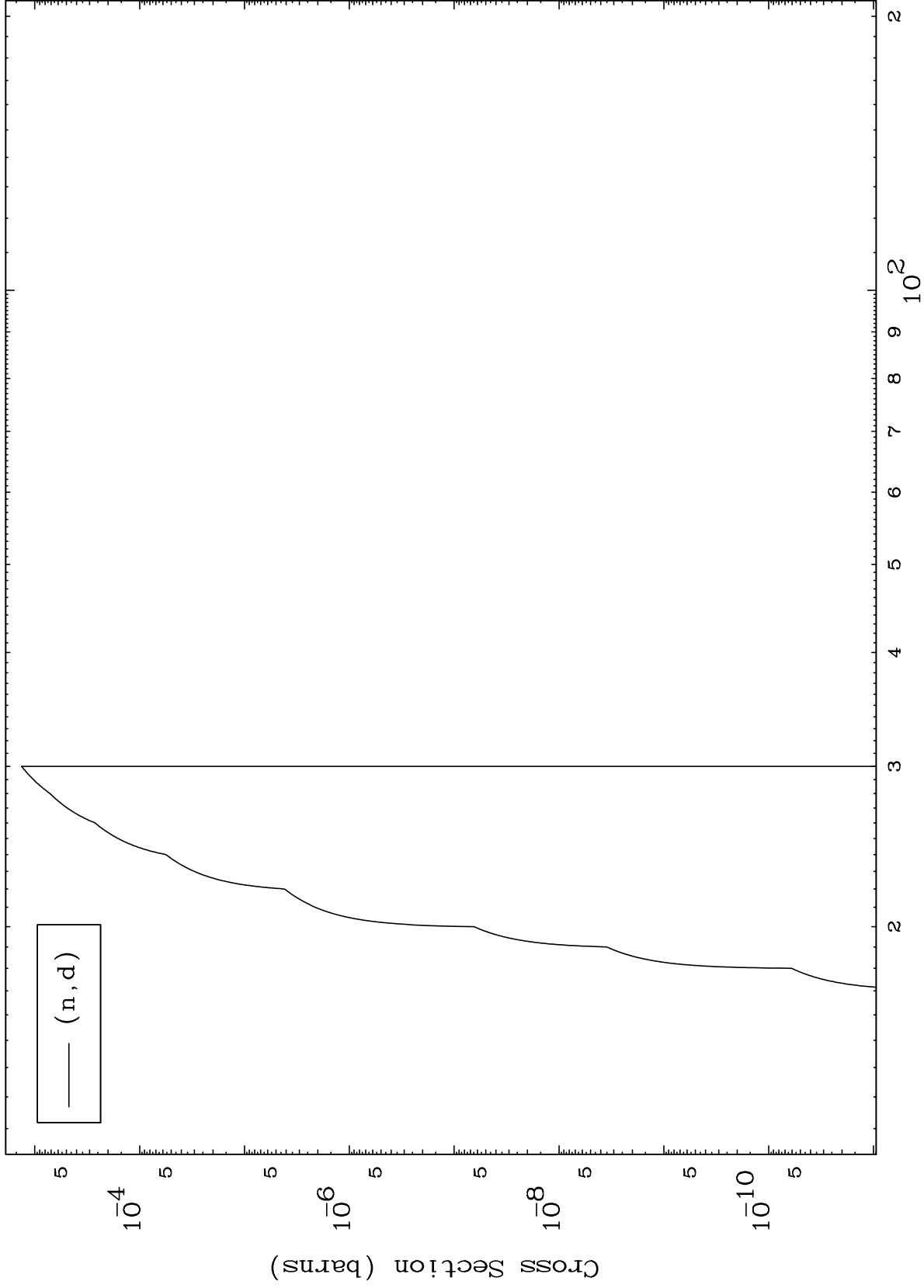
Incident Energy (MeV)

77-Ir-197m

MAT 7744

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

77-Ir-197m



6

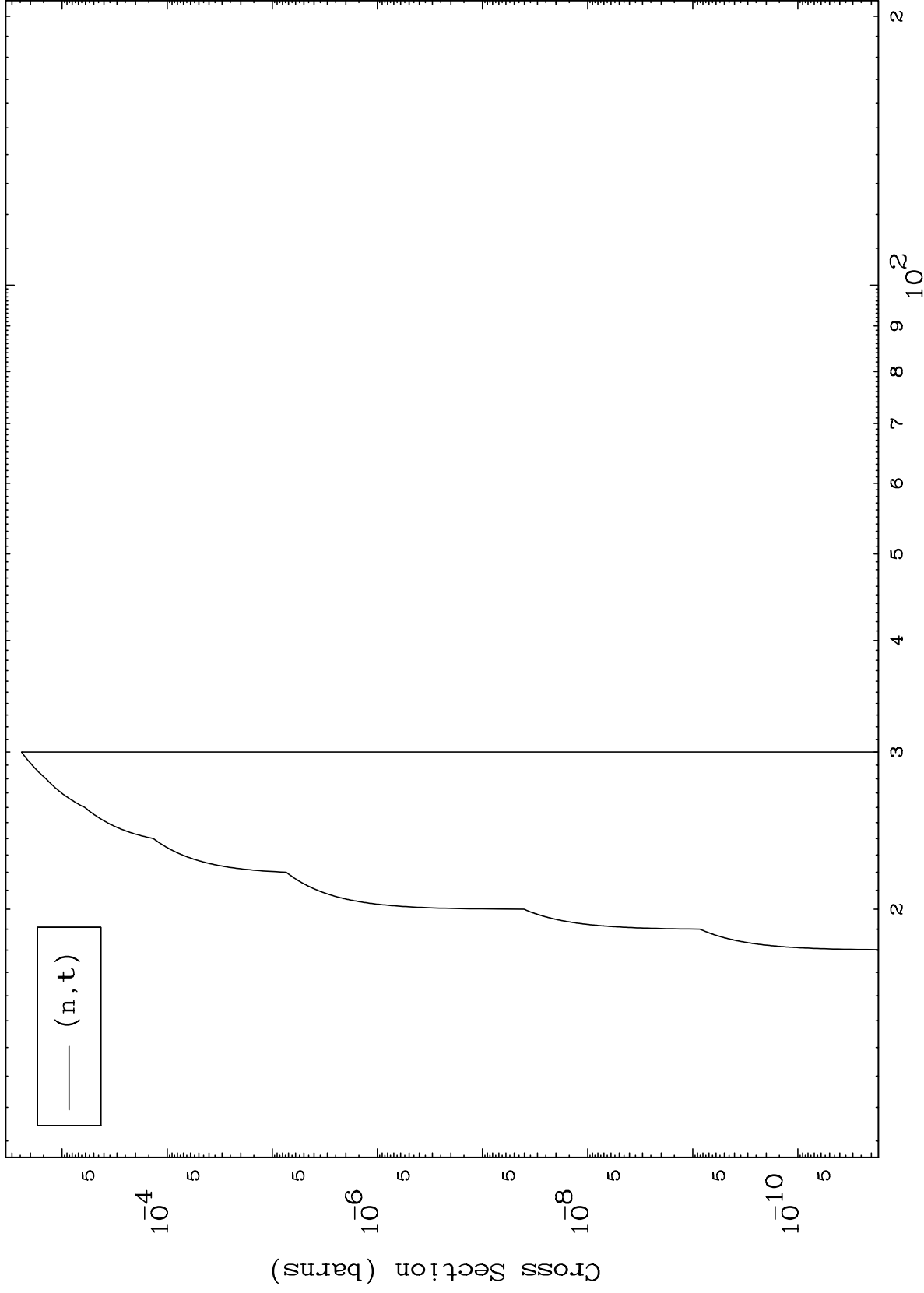
Incident Energy (MeV)

77-Ir-197m

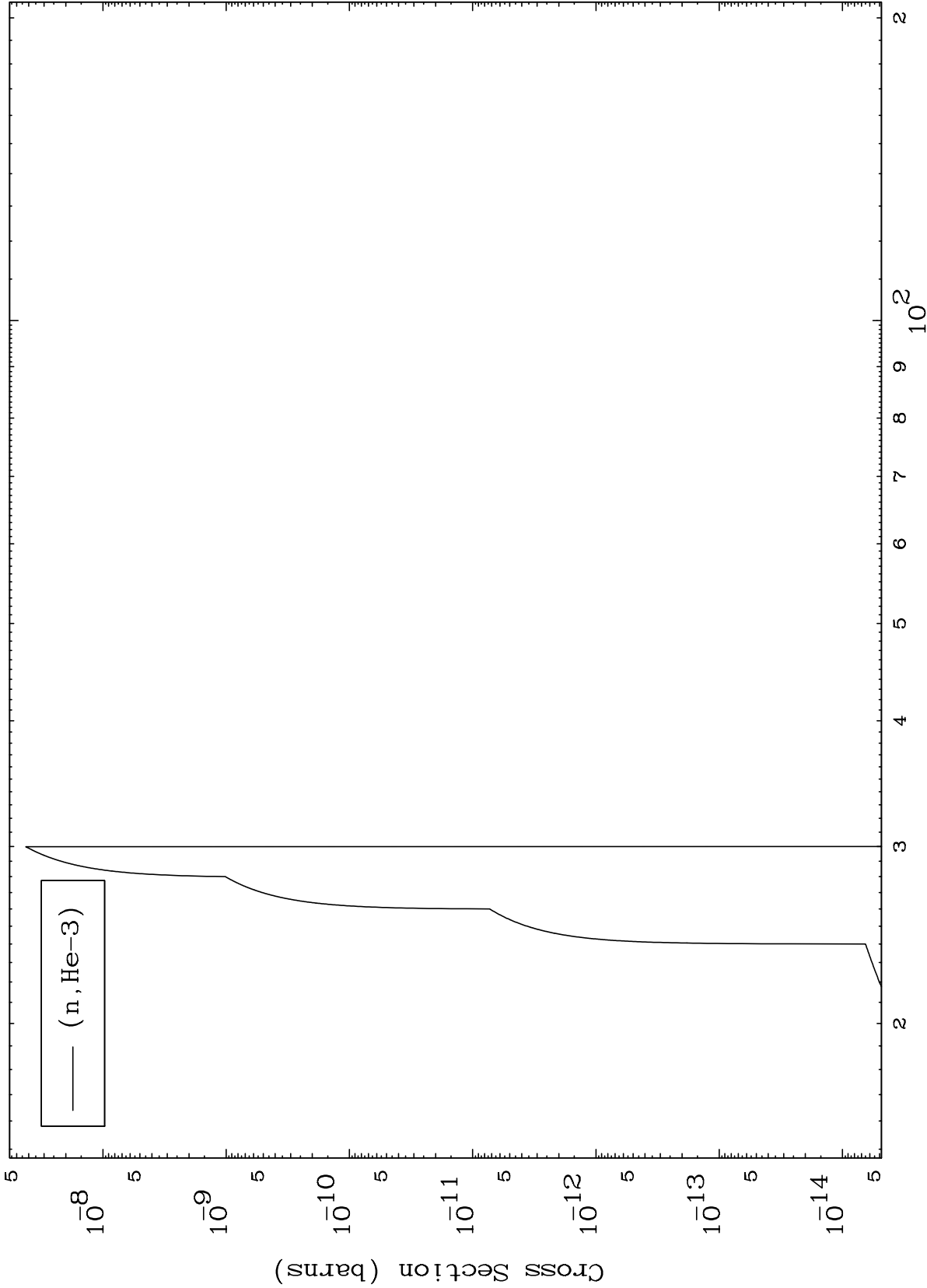
MAT 7744

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

77-Ir-197m



0 Kelvin Cross Sections

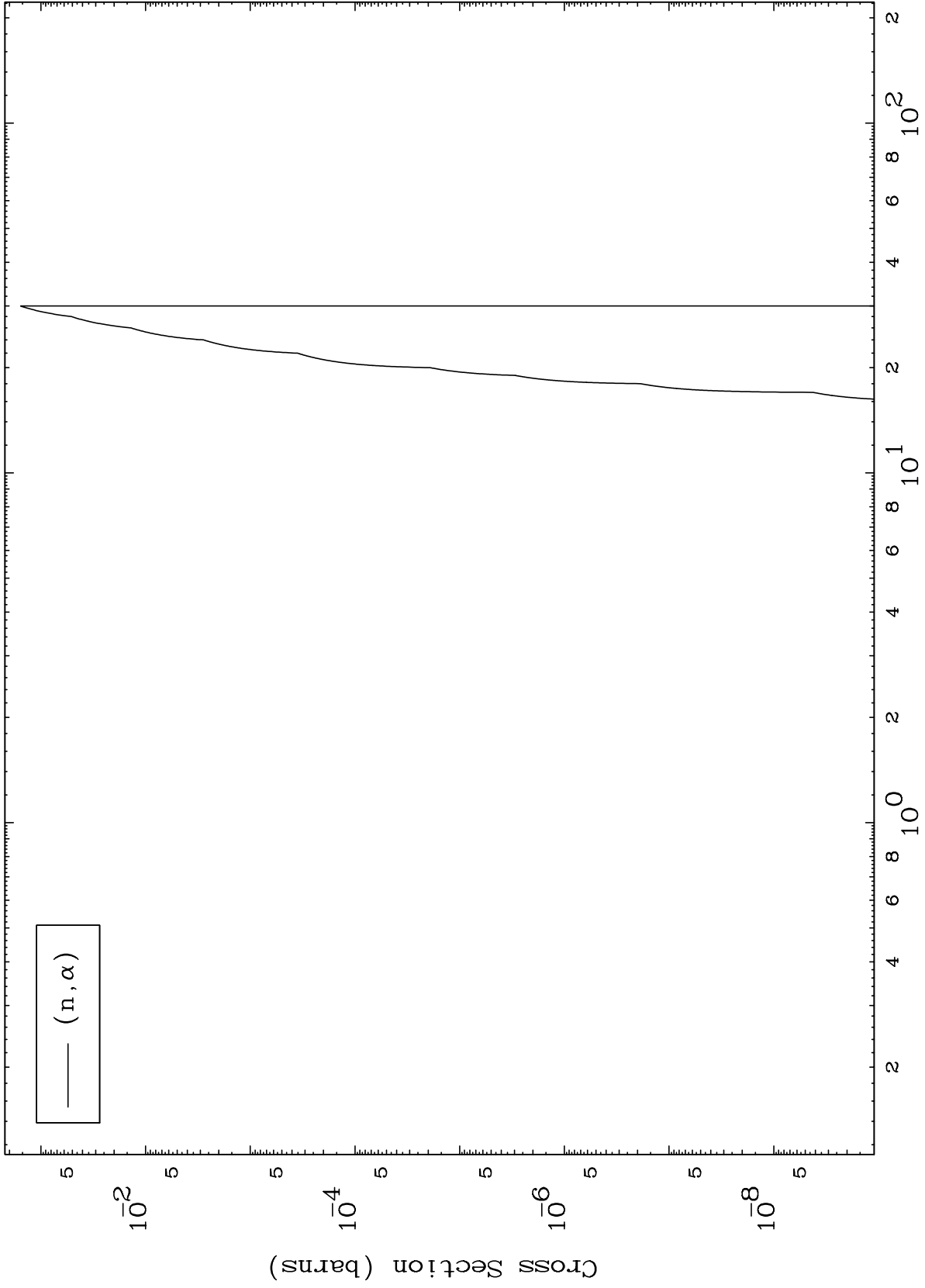


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( $\alpha, \alpha$ ) Levels

77-Ir-197m

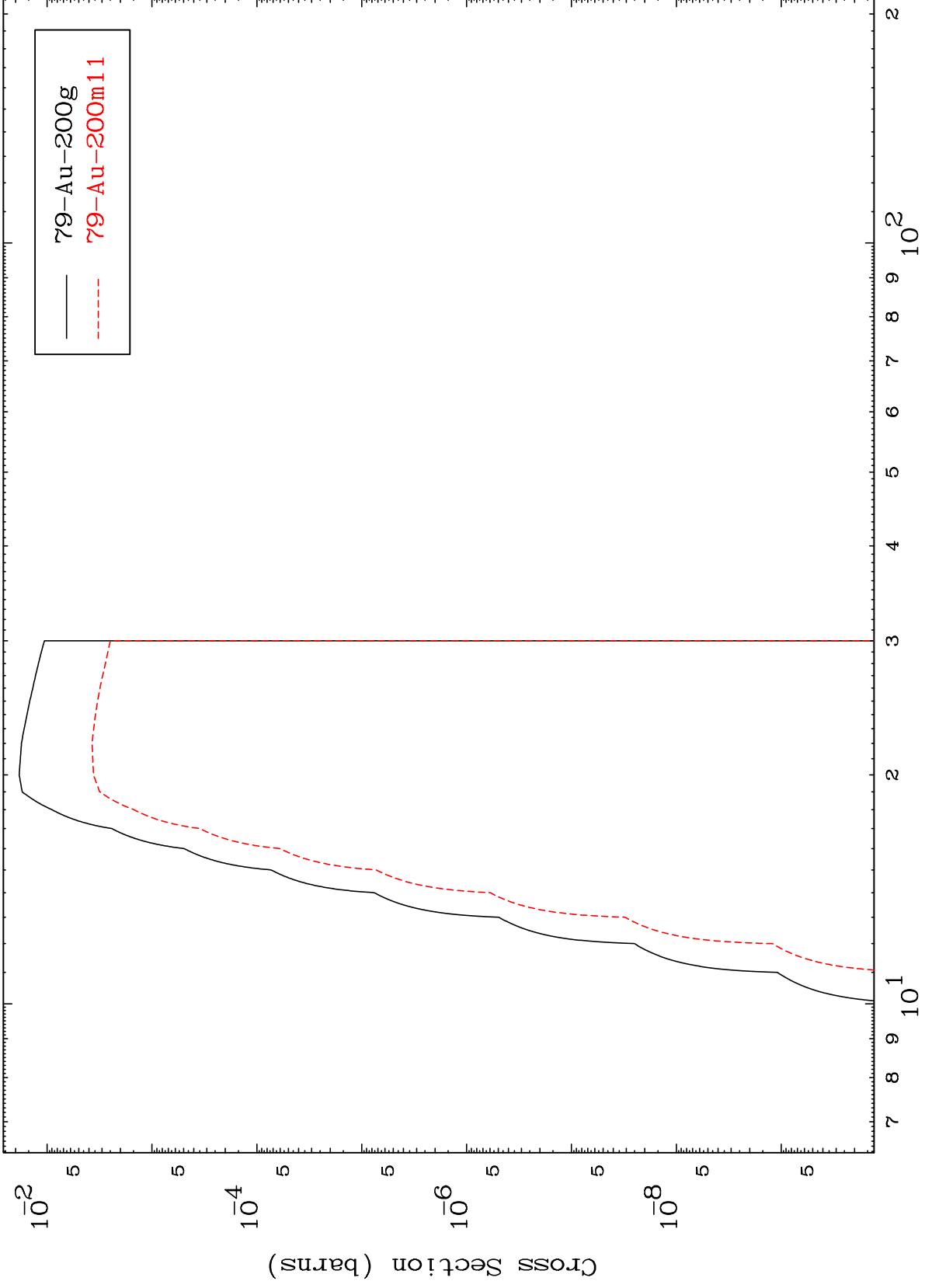
0 Kelvin Cross Sections



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Inelastic  
Radionuclide Production Cross Section

77-Ir-197m



10

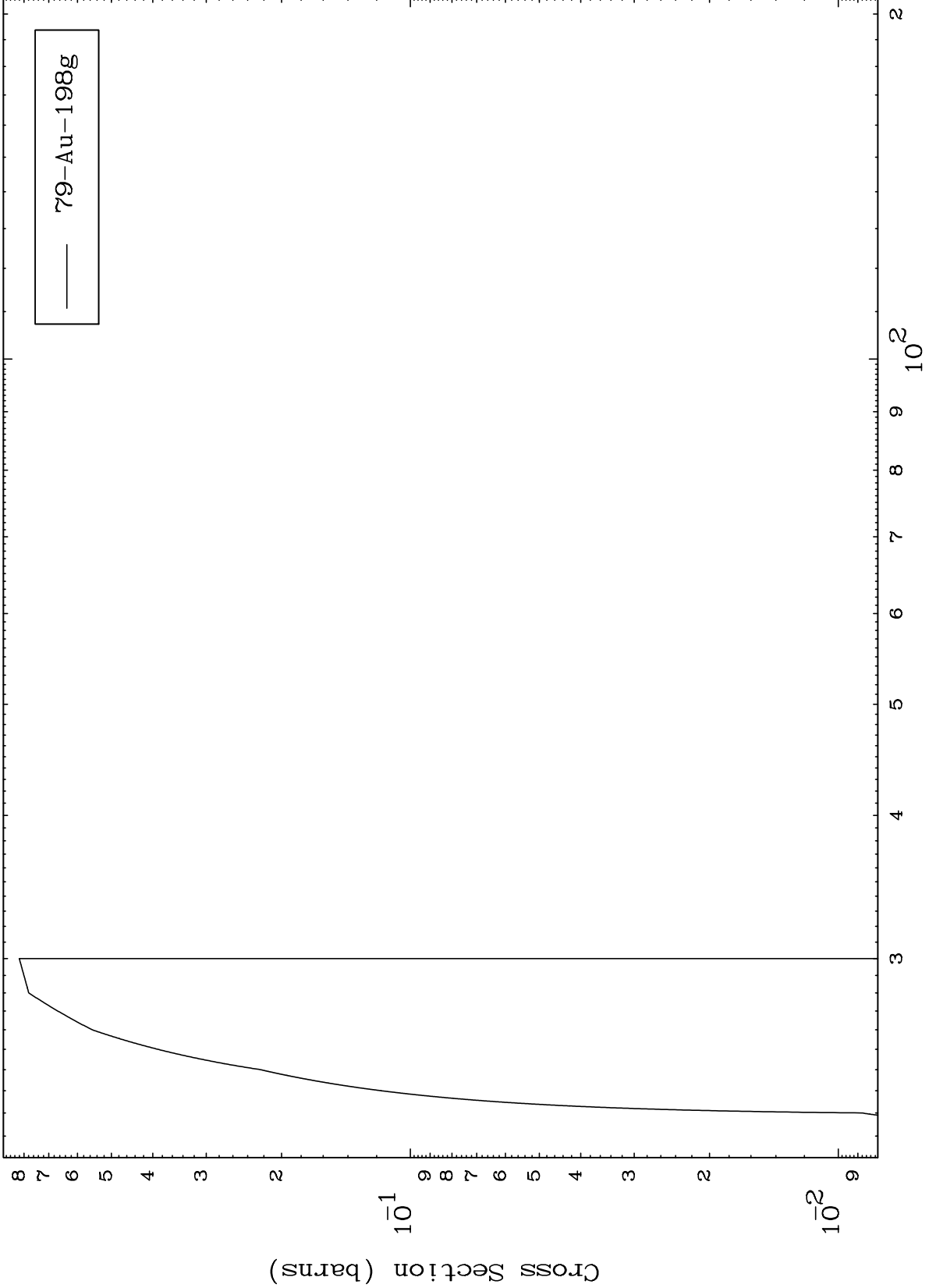
Incident Energy (MeV)

77-Ir-197m

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77-Ir-197m

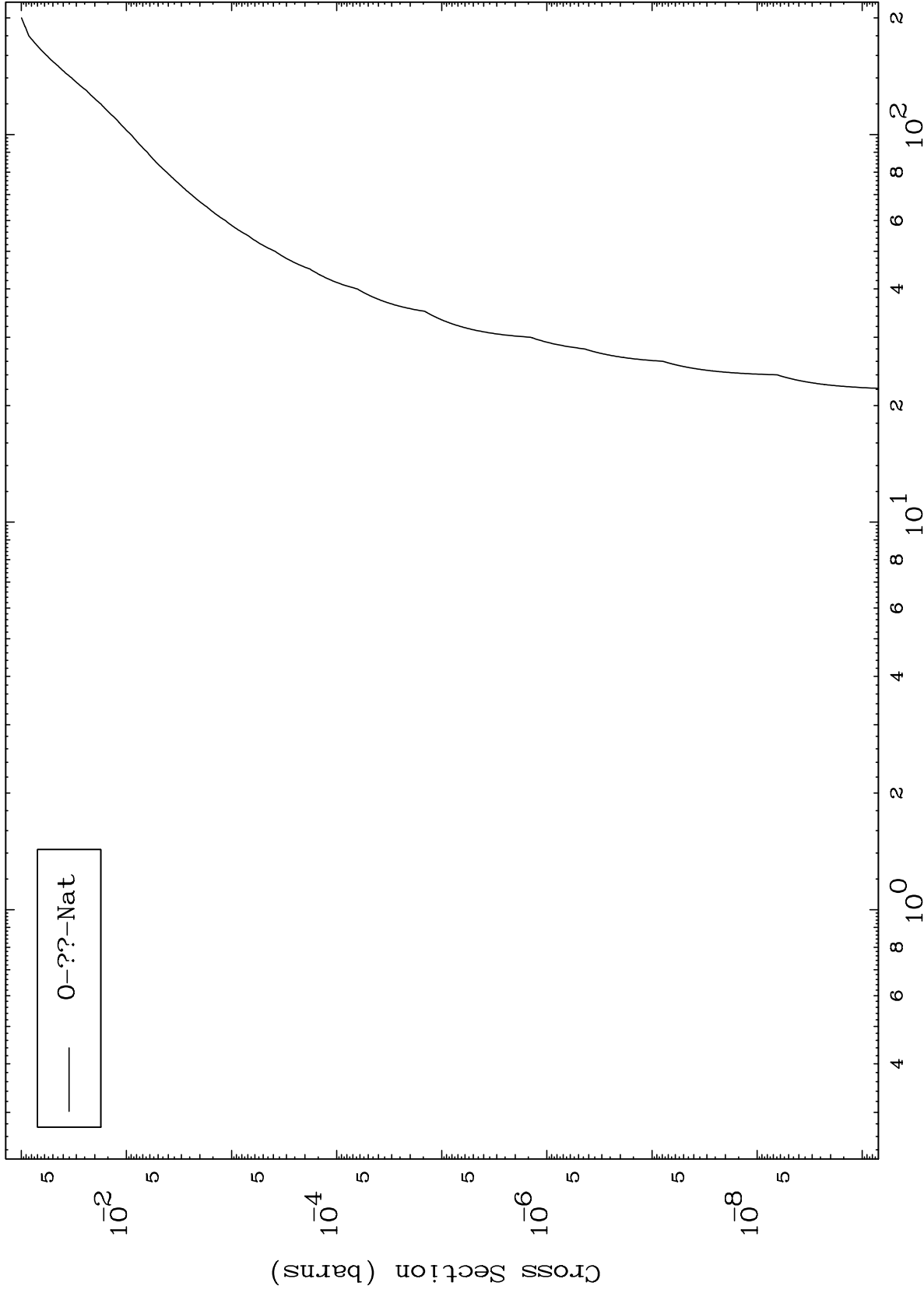
(n,3n)  
Radionuclide Production Cross Section



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Fission  
Radionuclide Production Cross Section

77-Ir-197m

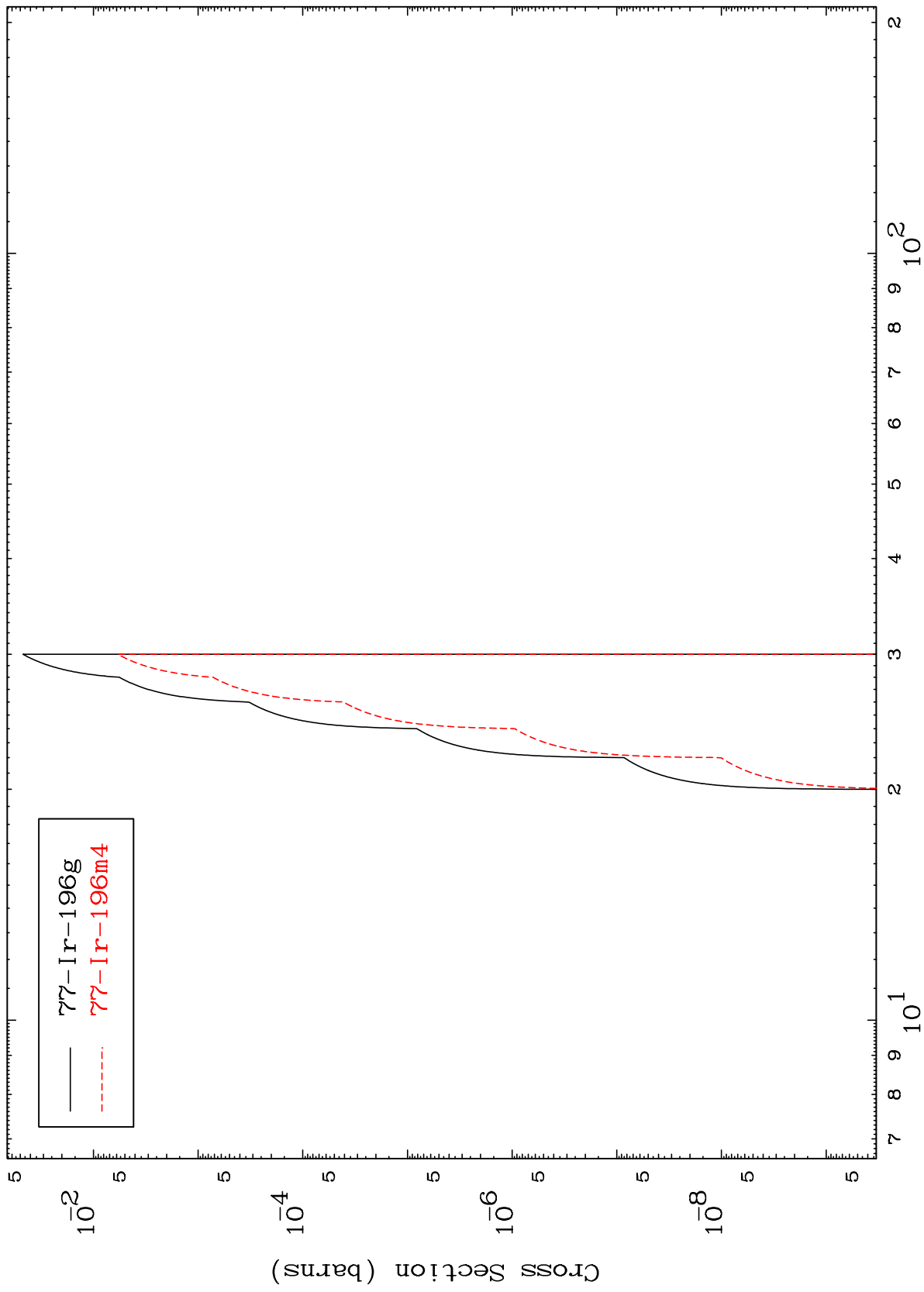


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$(n, n') \alpha$

$^{77}\text{Ir}-197\text{m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

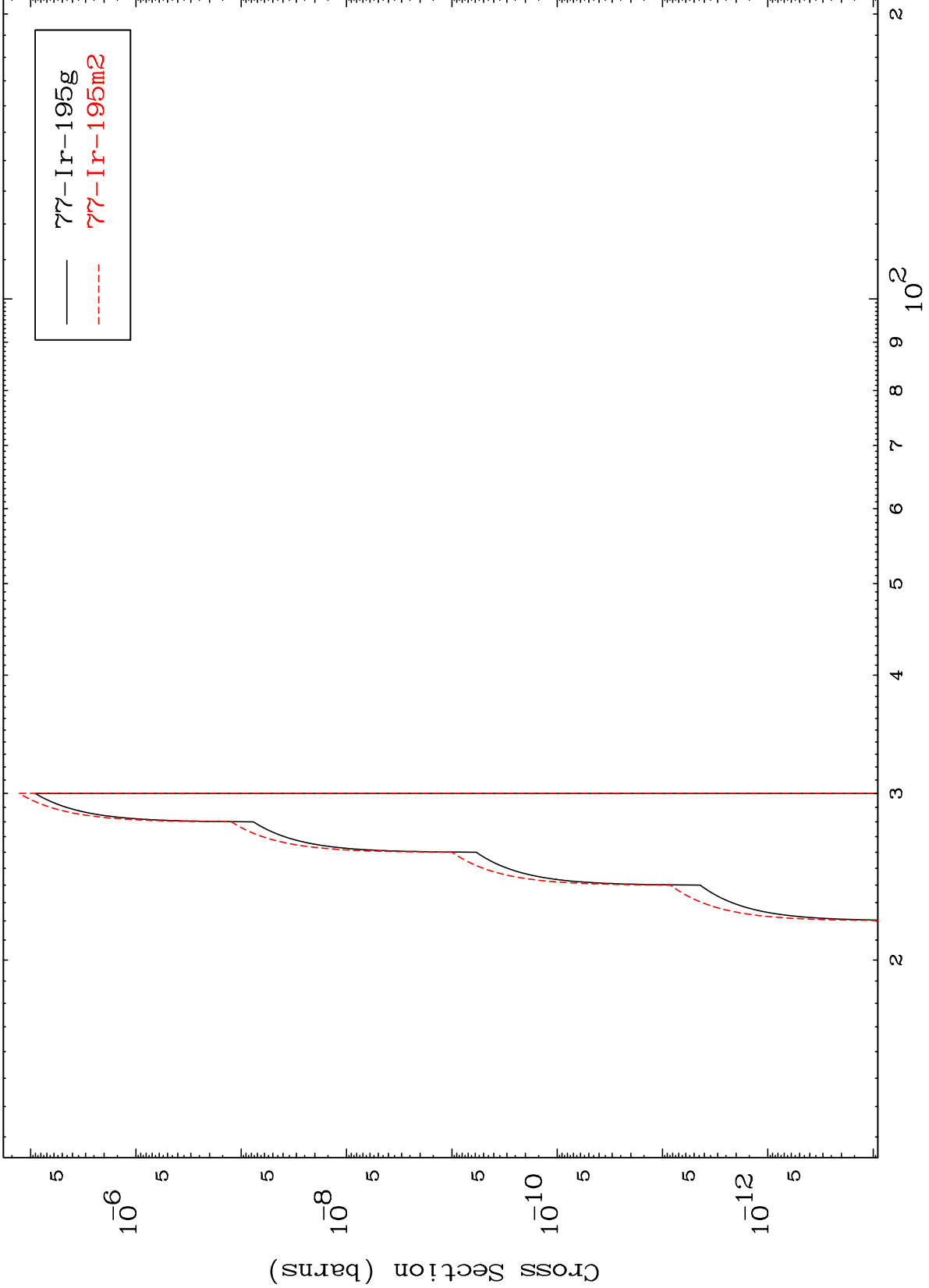
$^{77}\text{Ir}-197\text{m}$

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(n,2n)  $\alpha$

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

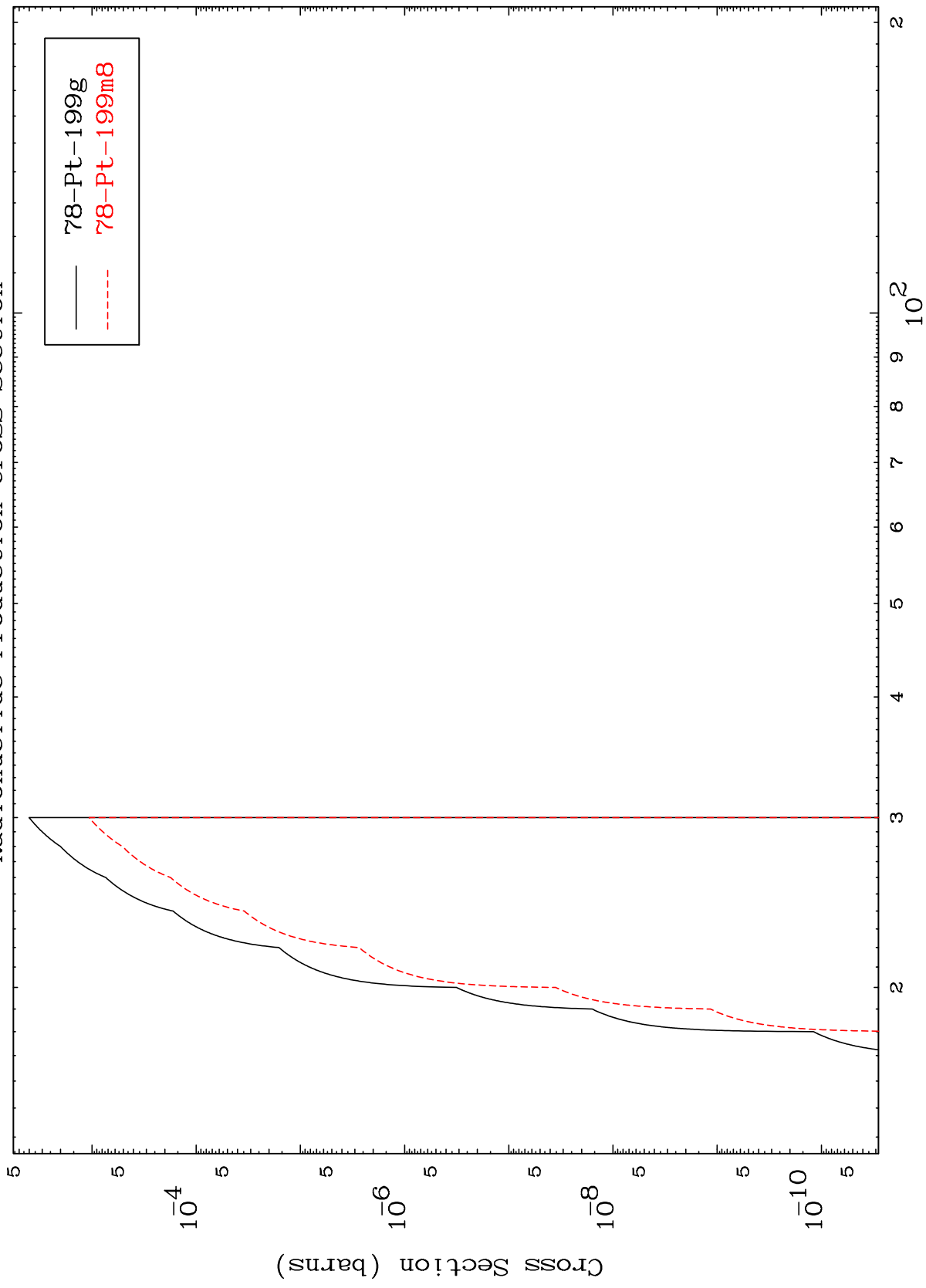
<sup>77</sup>Ir-197m

MAT 7744

(n,n') p

77-Ir-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

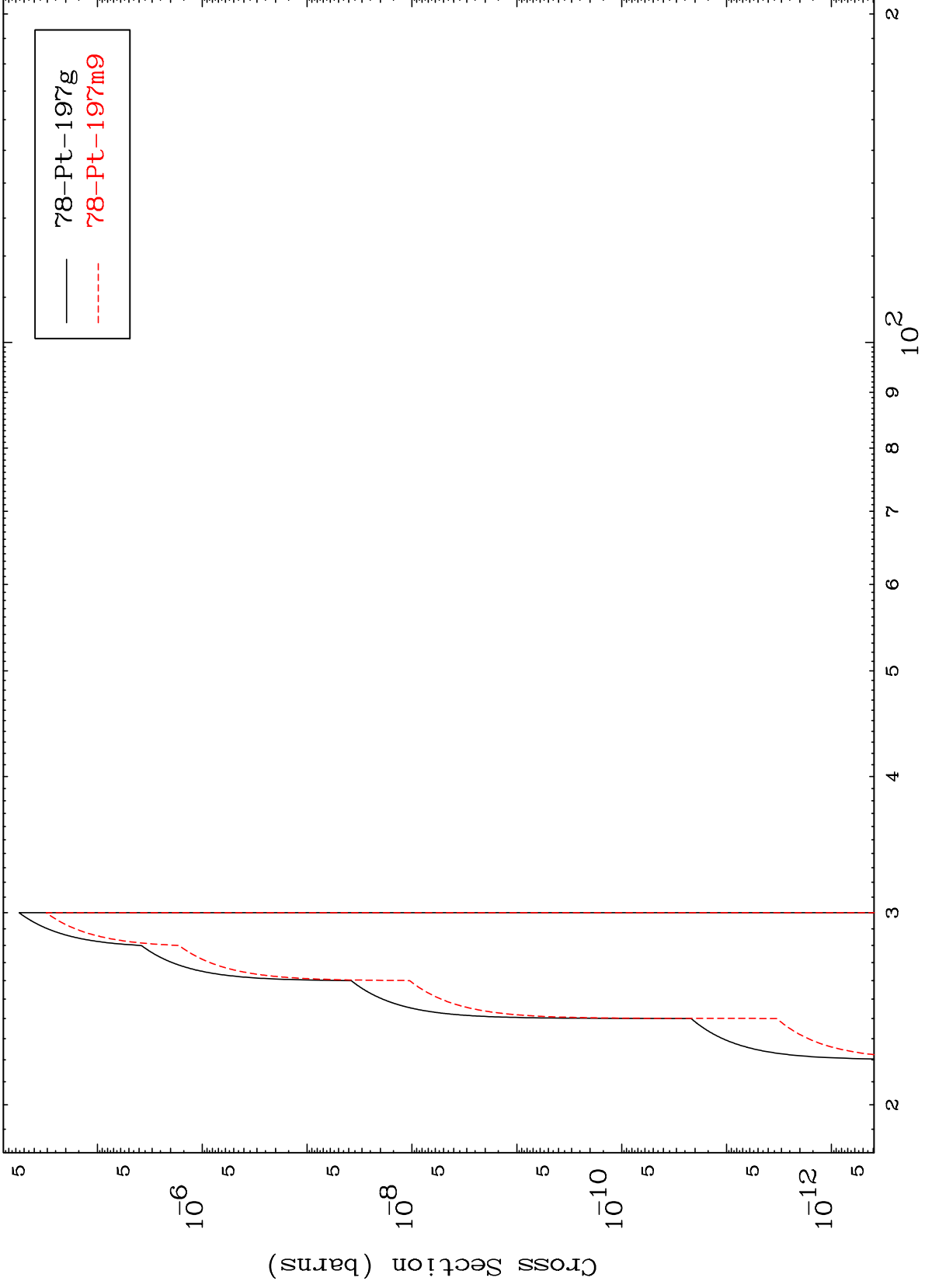
77-Ir-197m

MAT 7744

(n,n') t

77-Ir-197m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

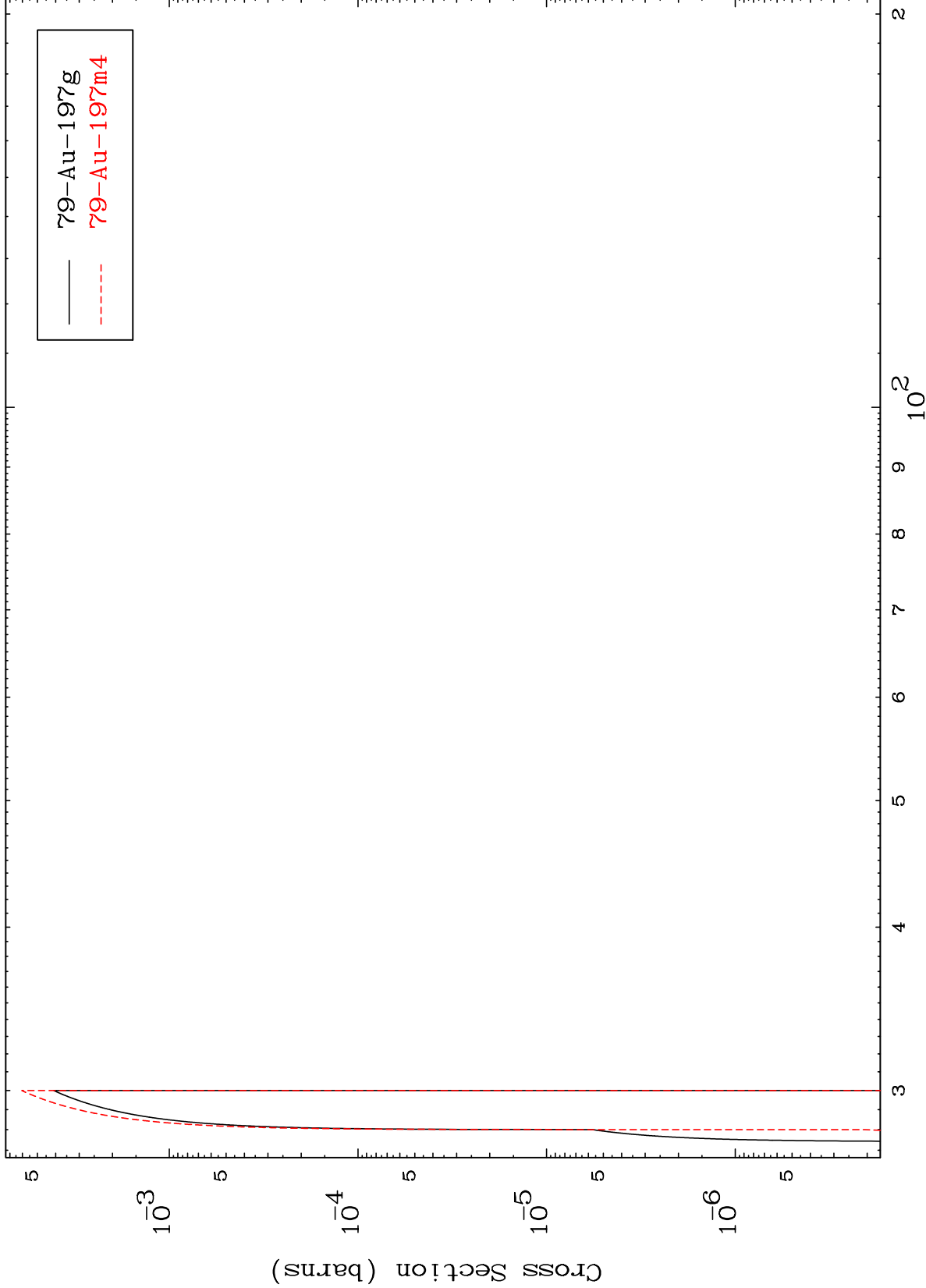
77-Ir-197m

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(n,4n)

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section



17

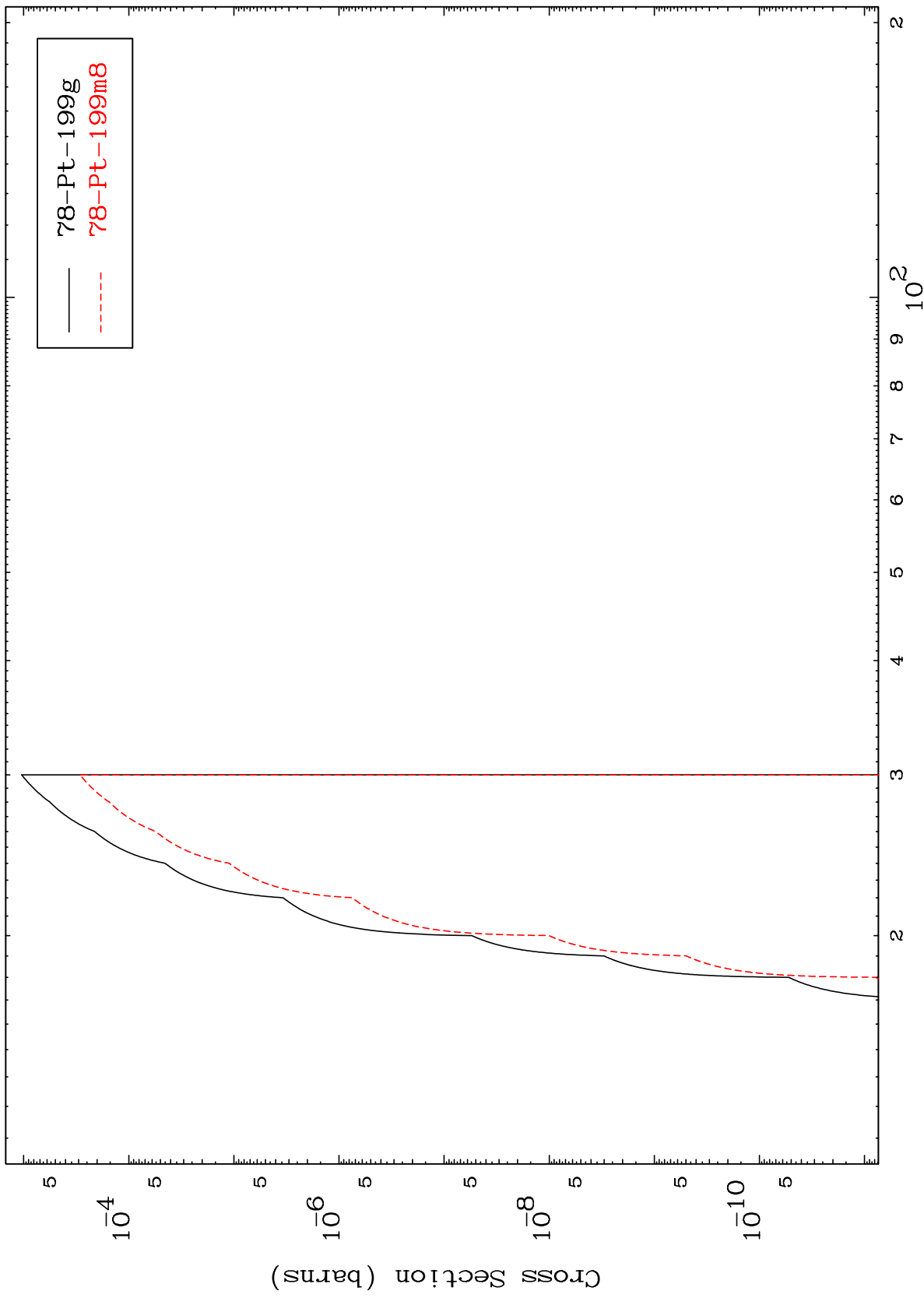
Incident Energy (MeV)

<sup>77</sup>Ir-197m

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77-Ir-197m

(n,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

77-Ir-197m

MAT 7744

<sup>77</sup>Ir-197m

Radionuclide Production Cross Section

