

Program EVALPLOT  
(Version 2021-1)

by

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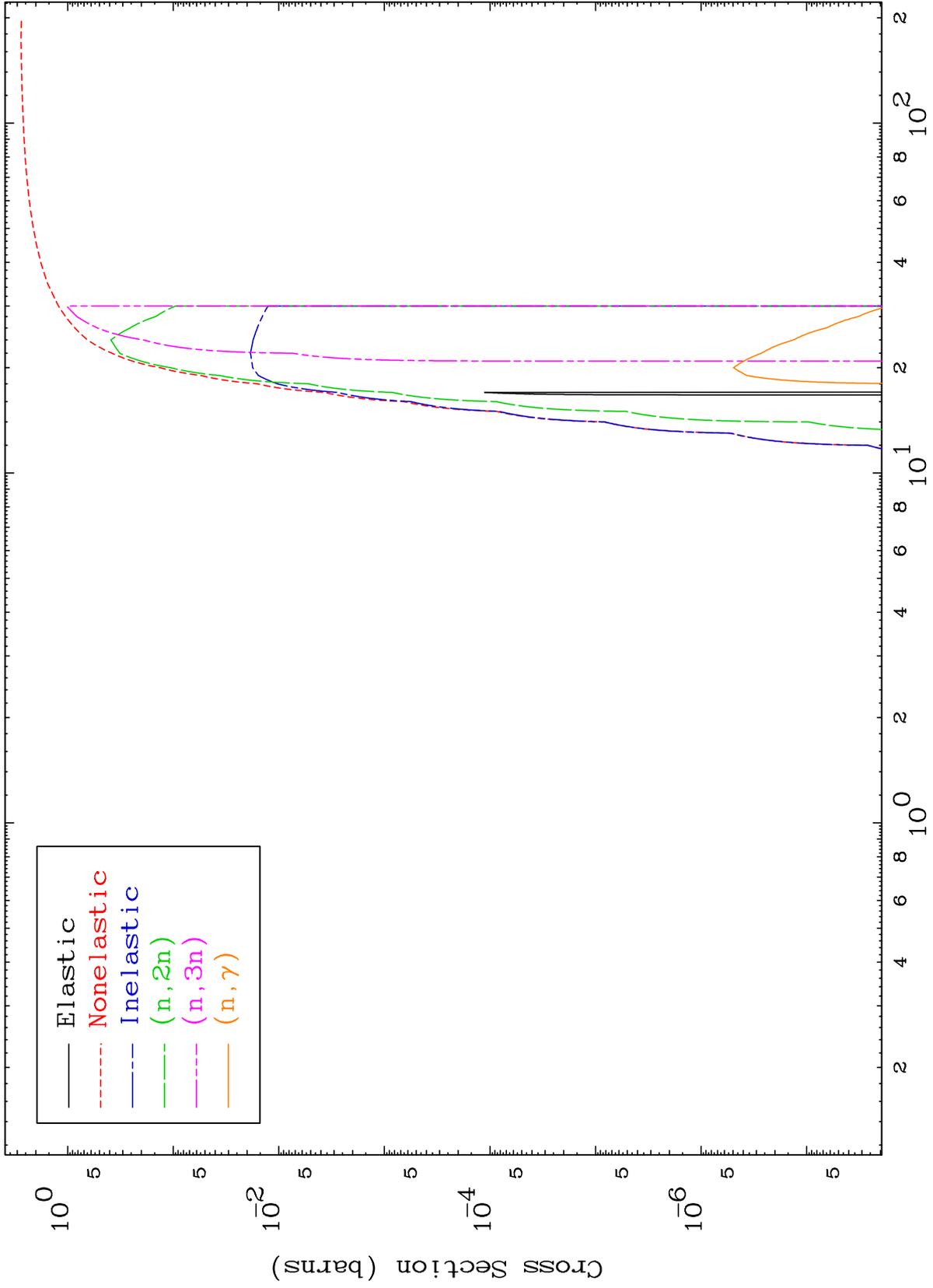
Press Mouse Button to Start

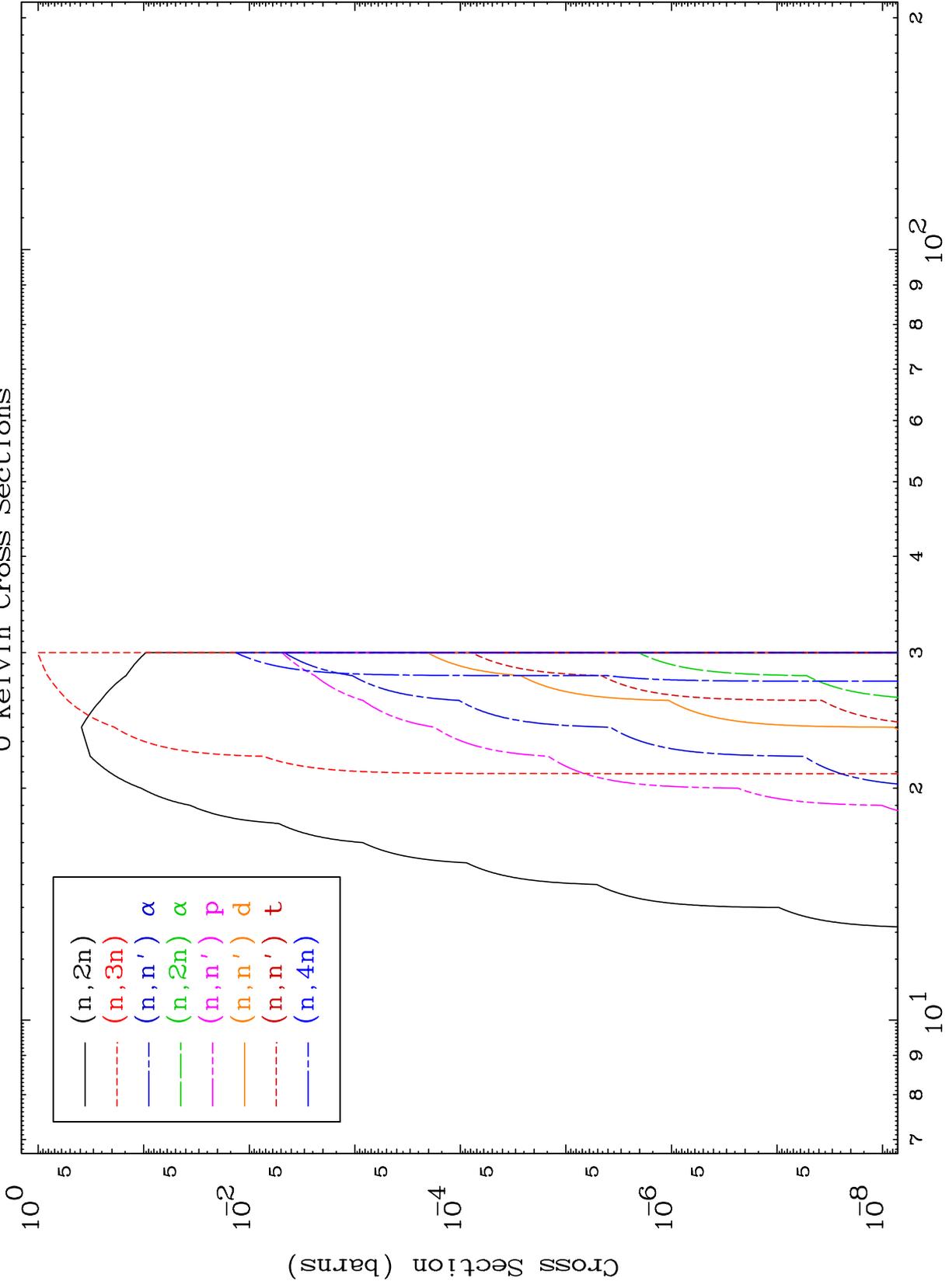
MAT 7743

0 Kelvin

$\alpha$  Major Cross Sections

77-Ir-197

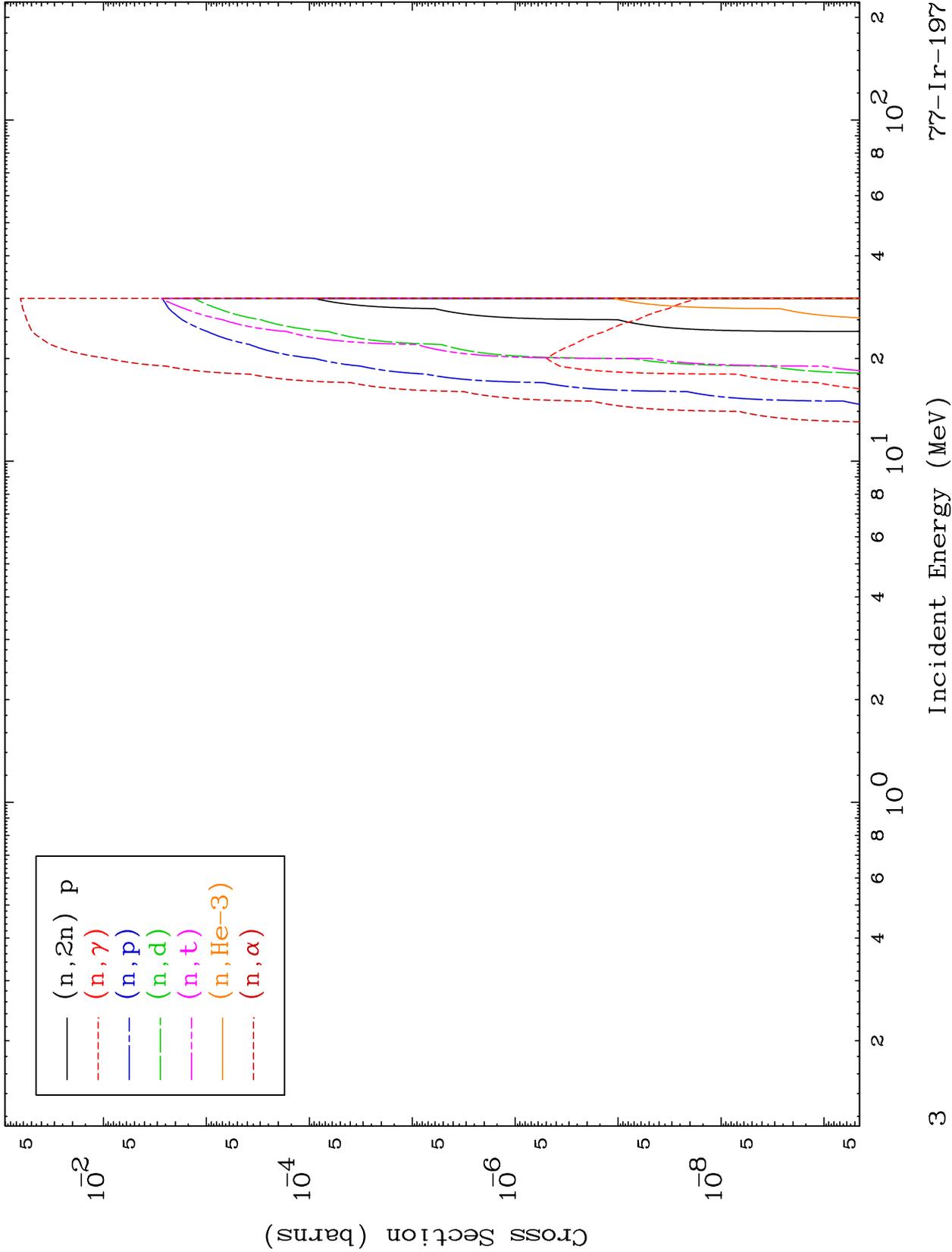




MAT 7743

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-197



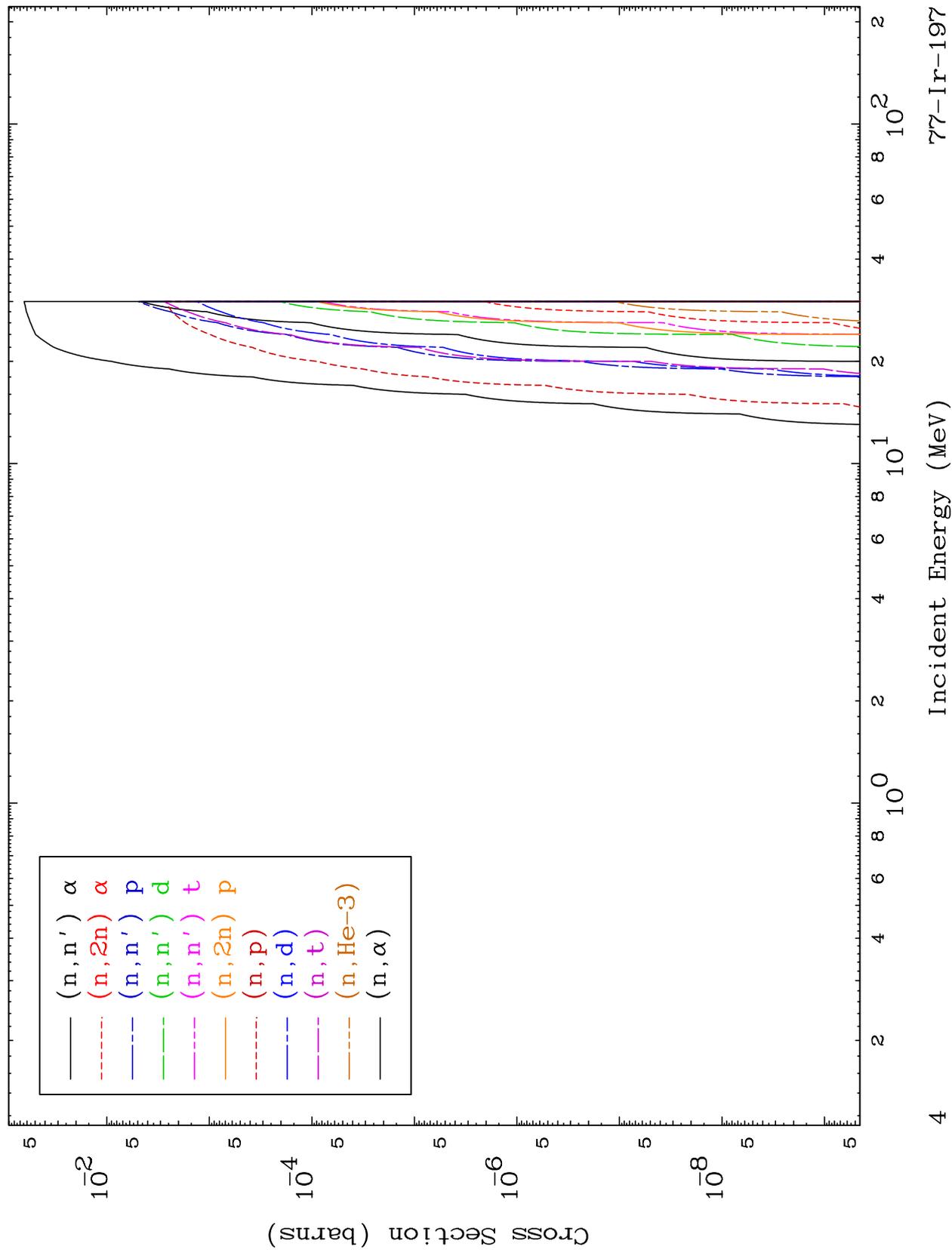
77-Ir-197

MAT 7743

$\alpha$  Charged Particle

77-Ir-197

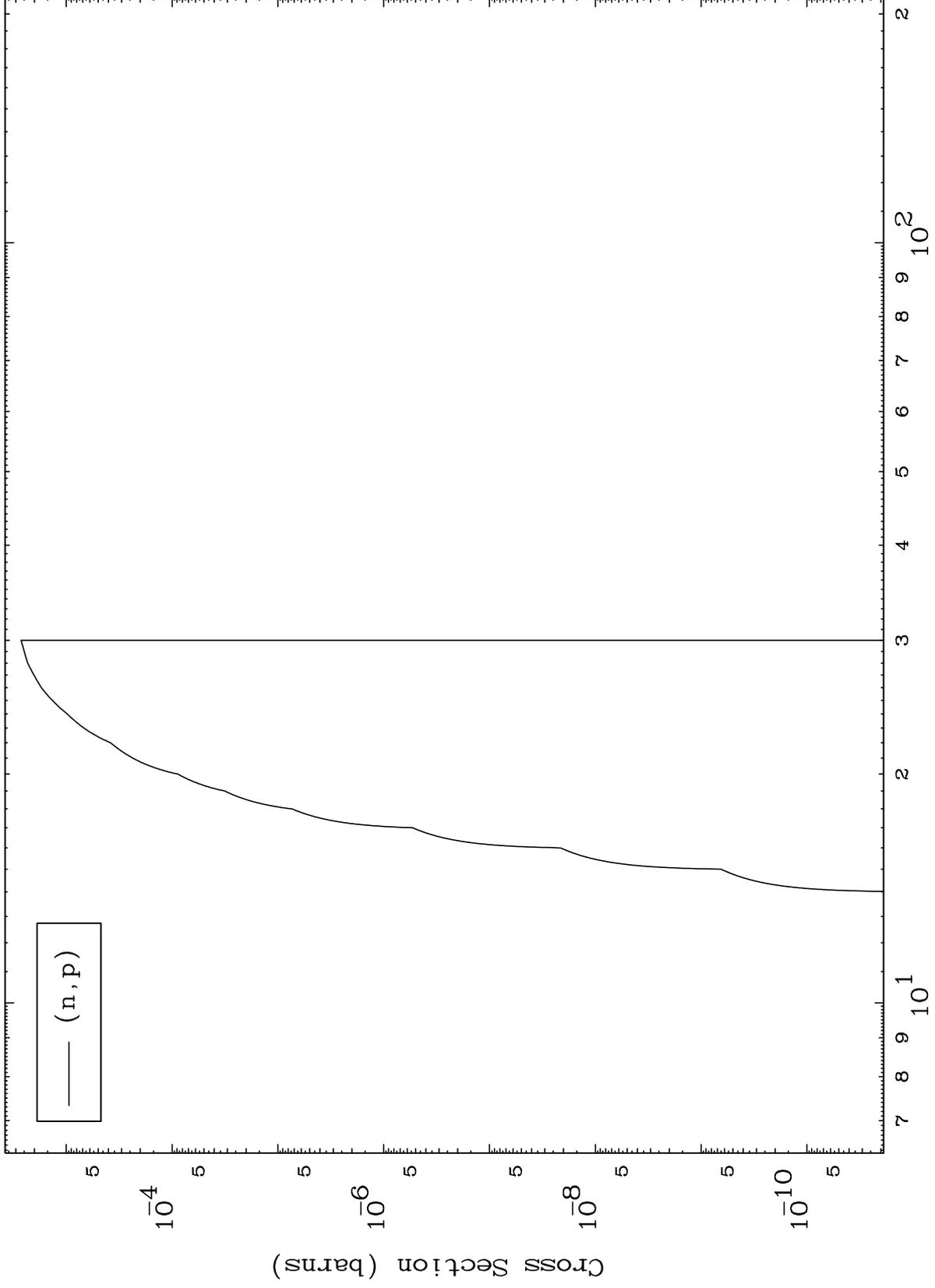
0 Kelvin Cross Sections



MAT 7743

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

77-Ir-197



5

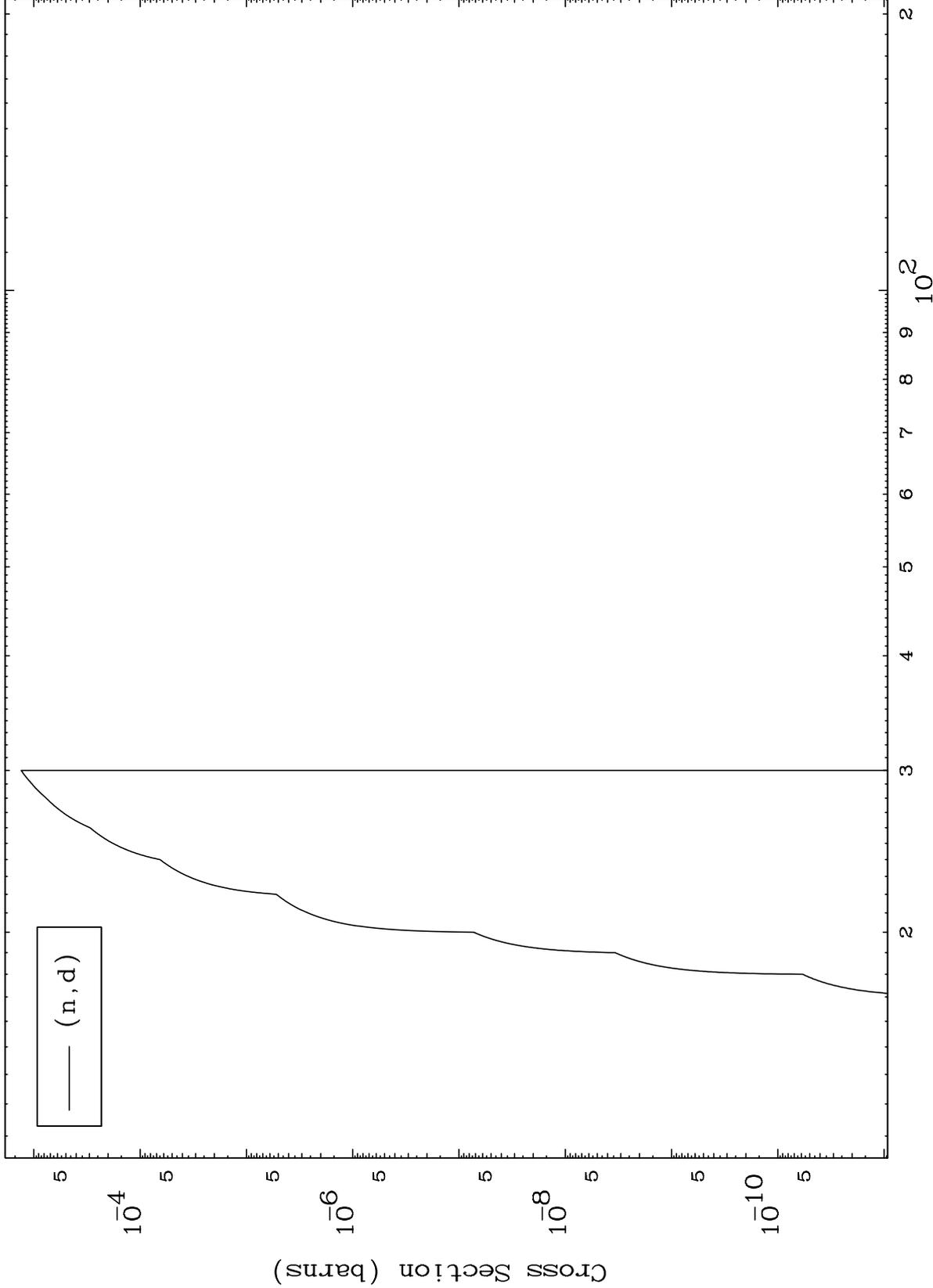
Incident Energy (MeV)

77-Ir-197

MAT 7743

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

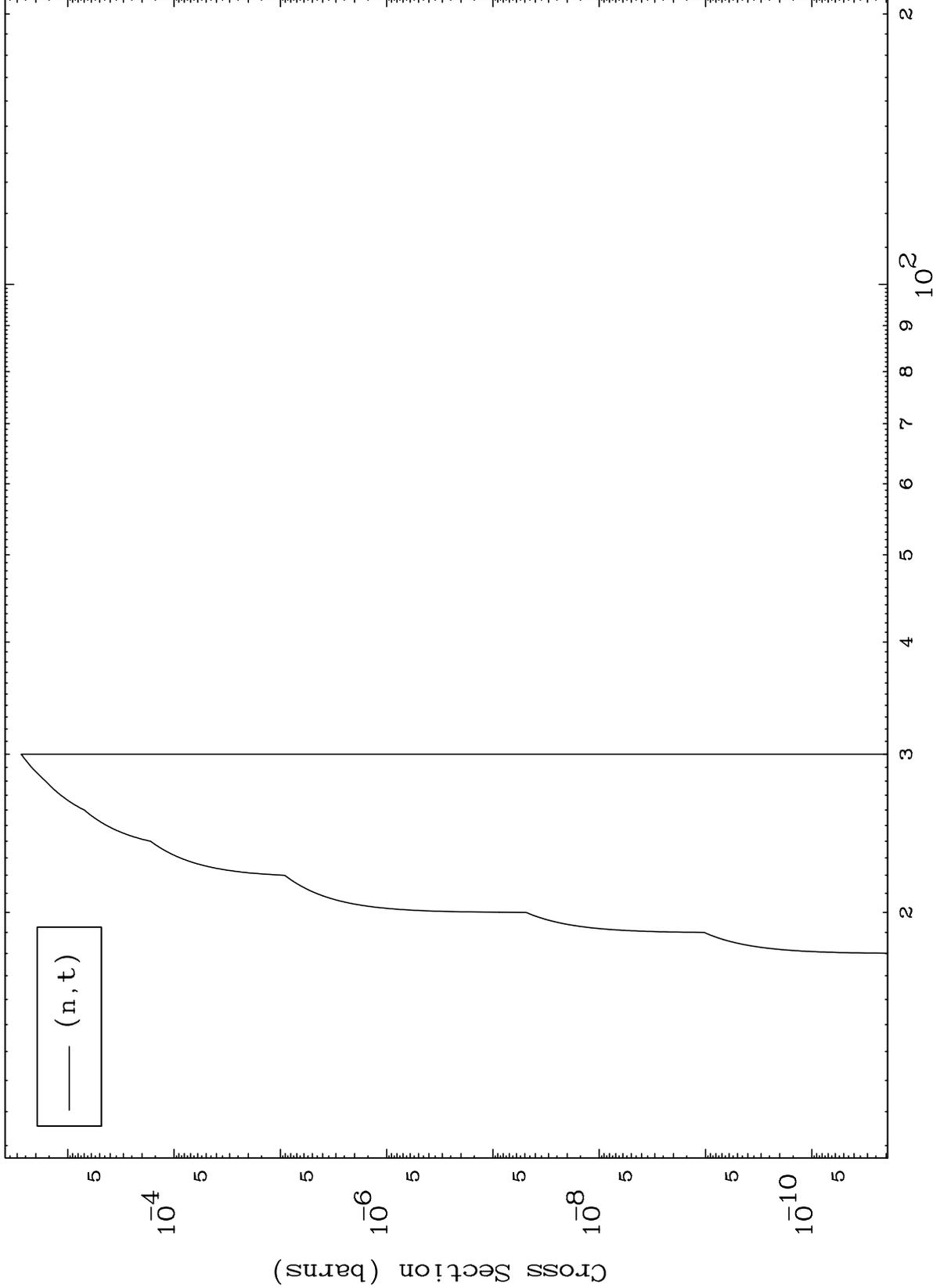
77-Ir-197



6

Incident Energy (MeV)

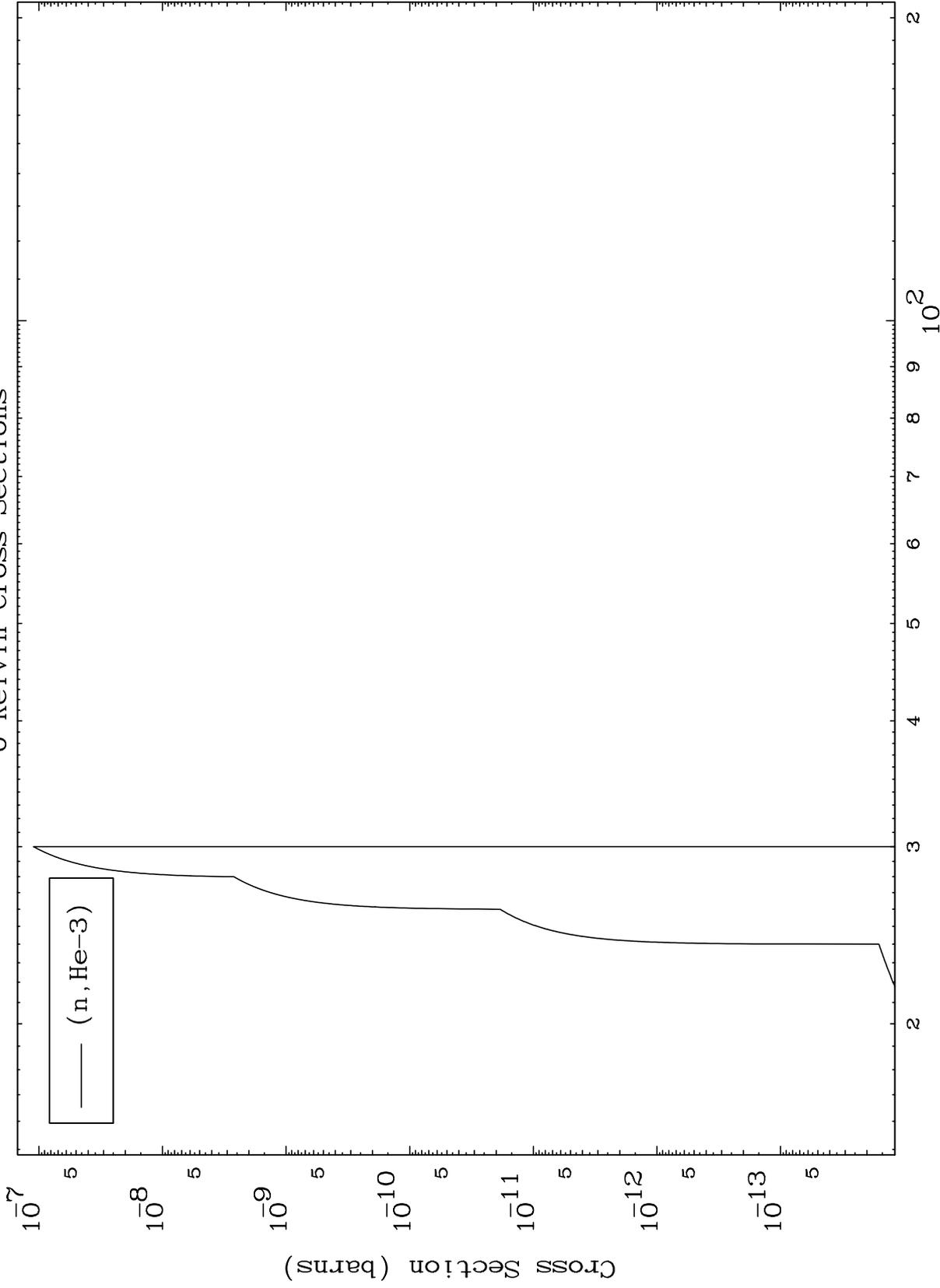
77-Ir-197



MAT 7743

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

77-Ir-197



8

Incident Energy (MeV)

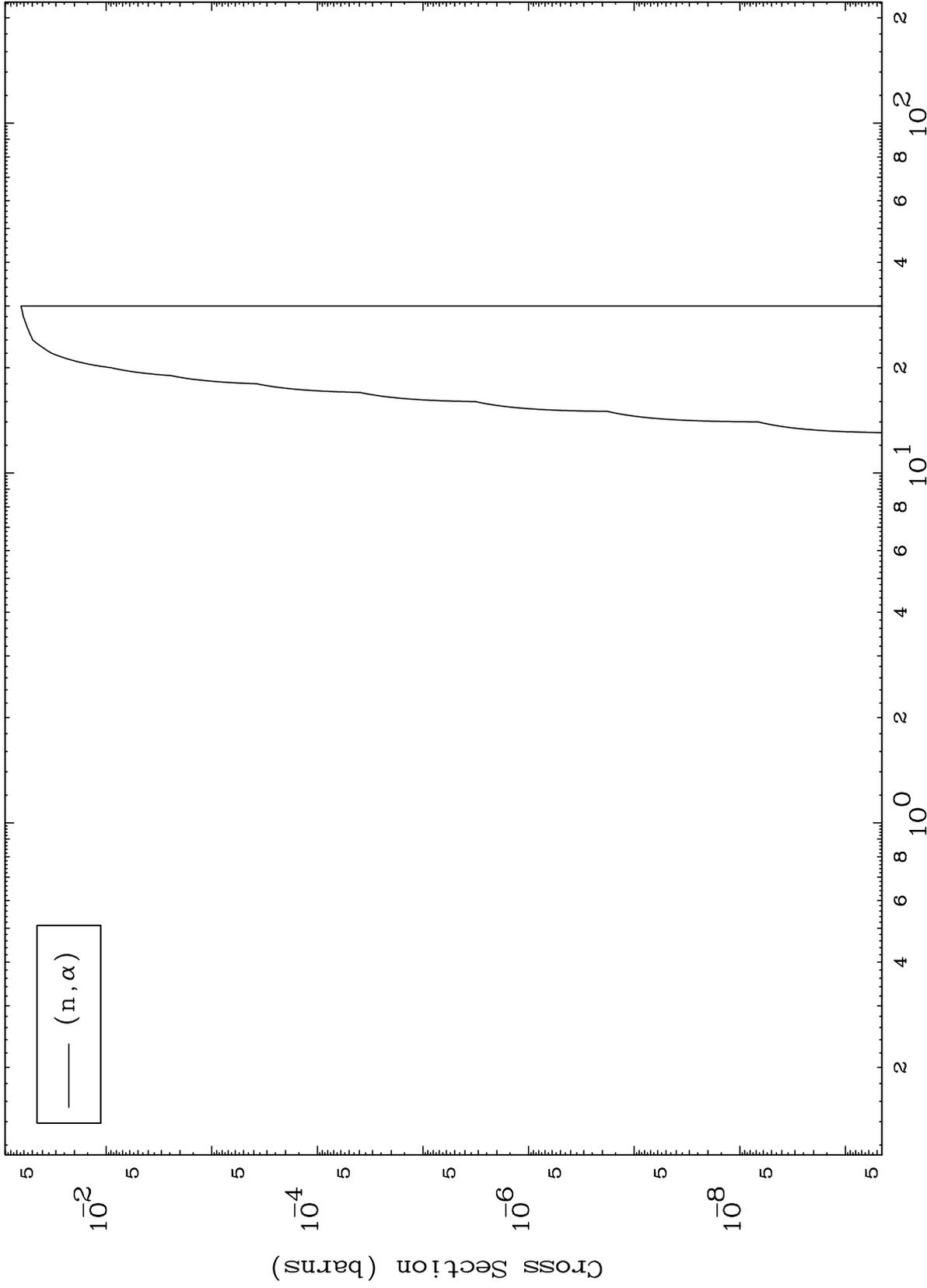
77-Ir-197

MAT 7743

( $\alpha, \alpha$ ) Levels

77-Ir-197

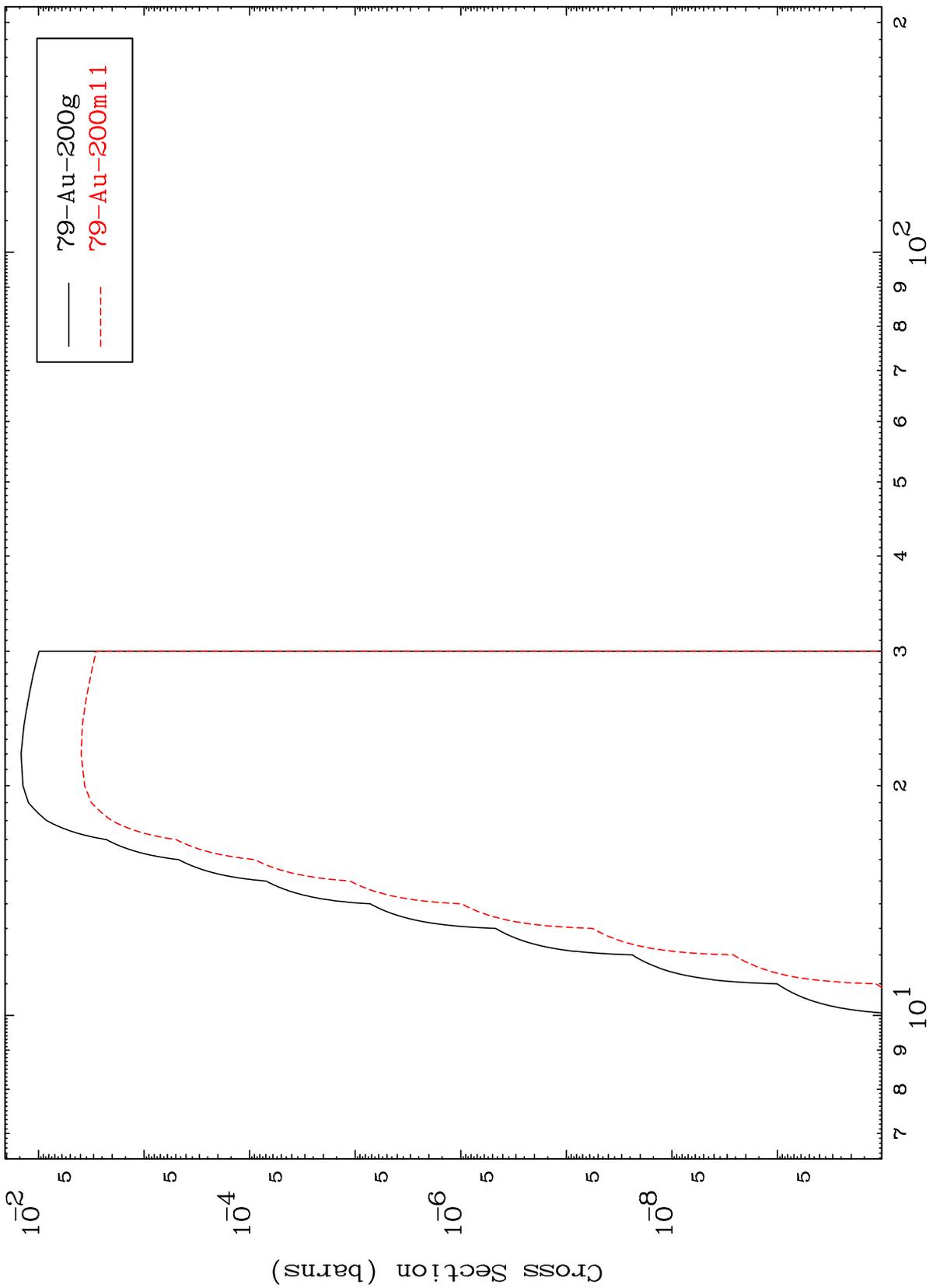
0 Kelvin Cross Sections



MAT 7743

77-Ir-197

Inelastic  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

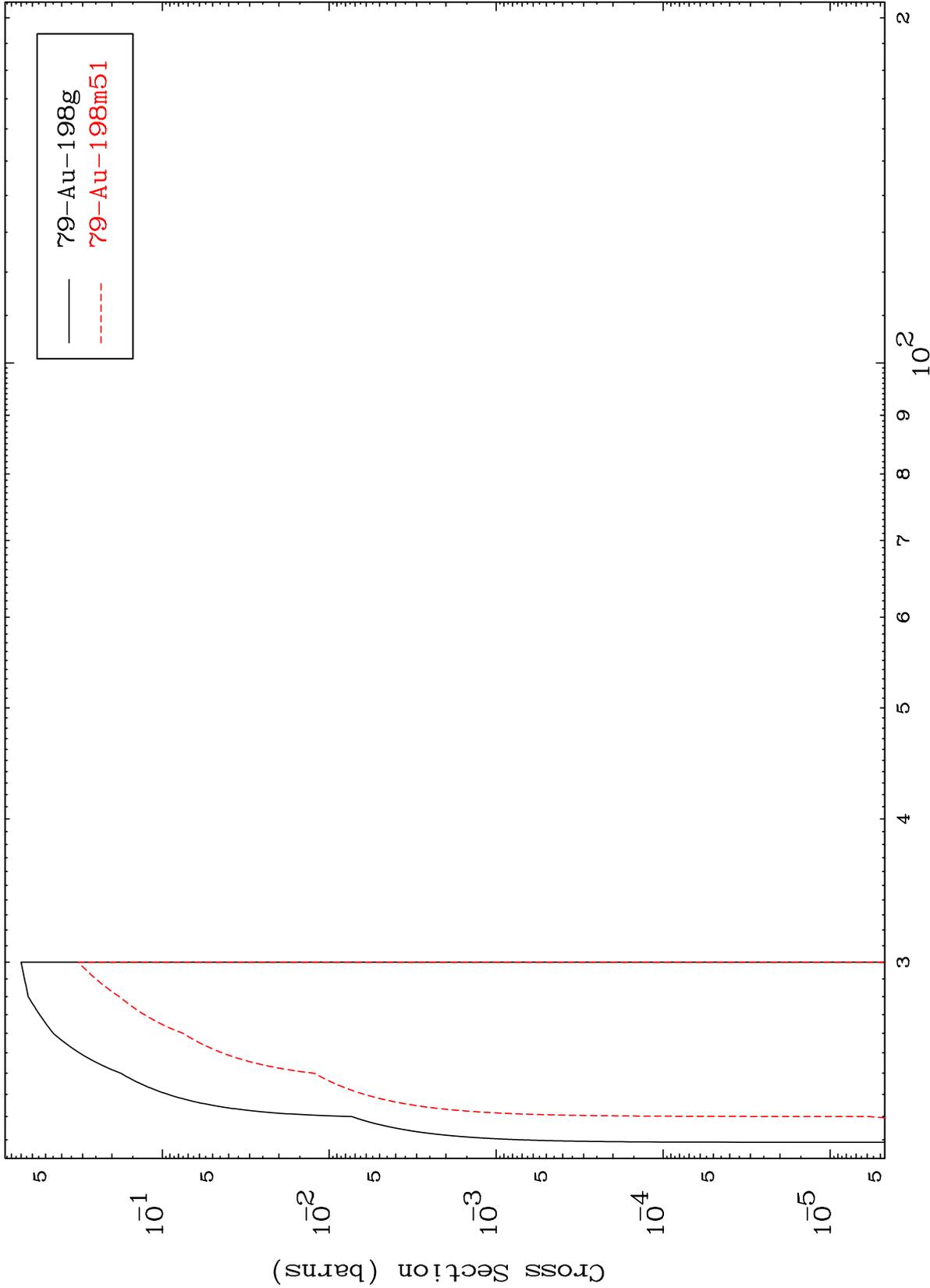
77-Ir-197

MAT 7743

(n,3n)

77-Ir-197

Radionuclide Production Cross Section



11

Incident Energy (MeV)

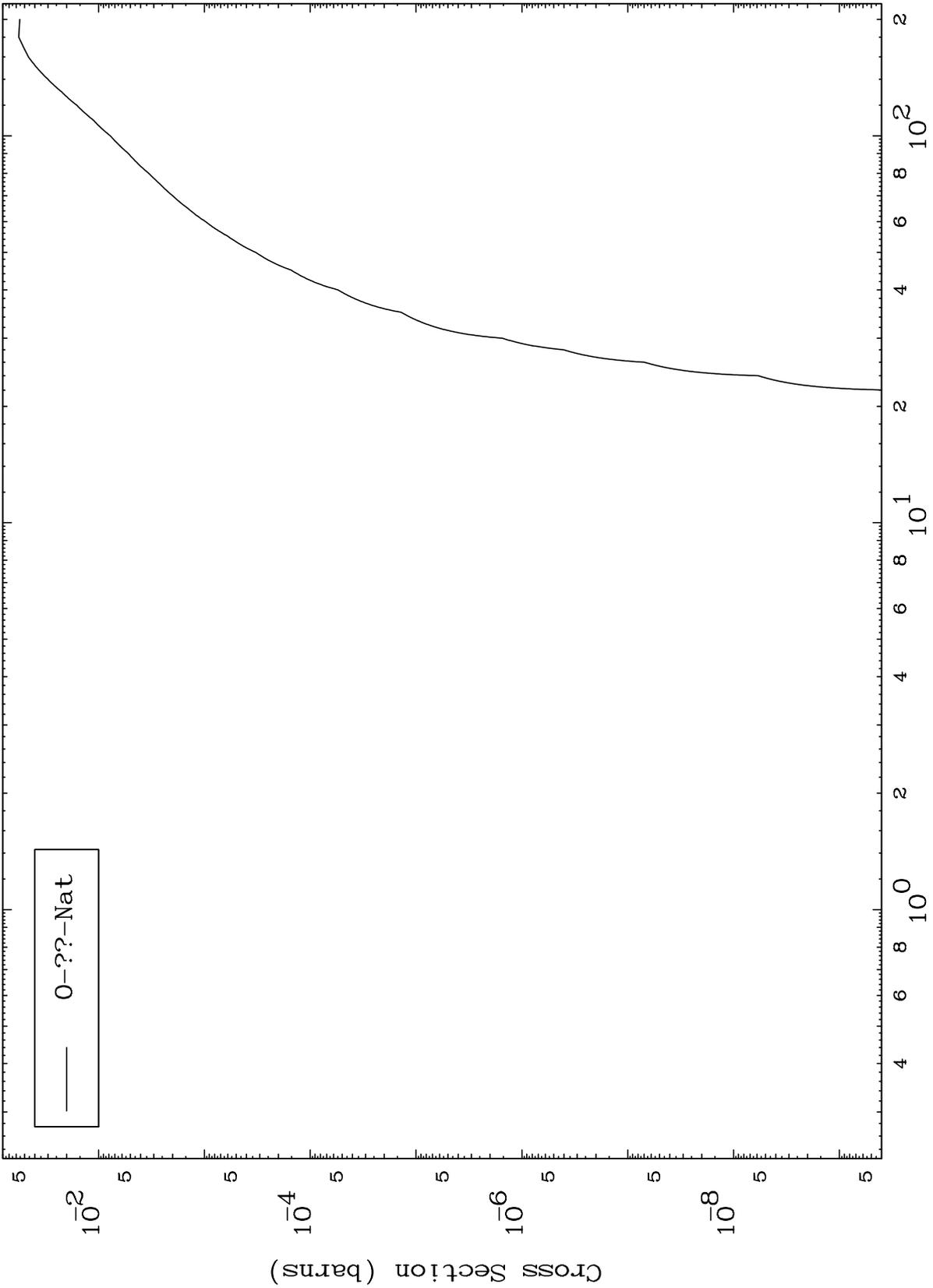
77-Ir-197

MAT 7743

Fission

77-Ir-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

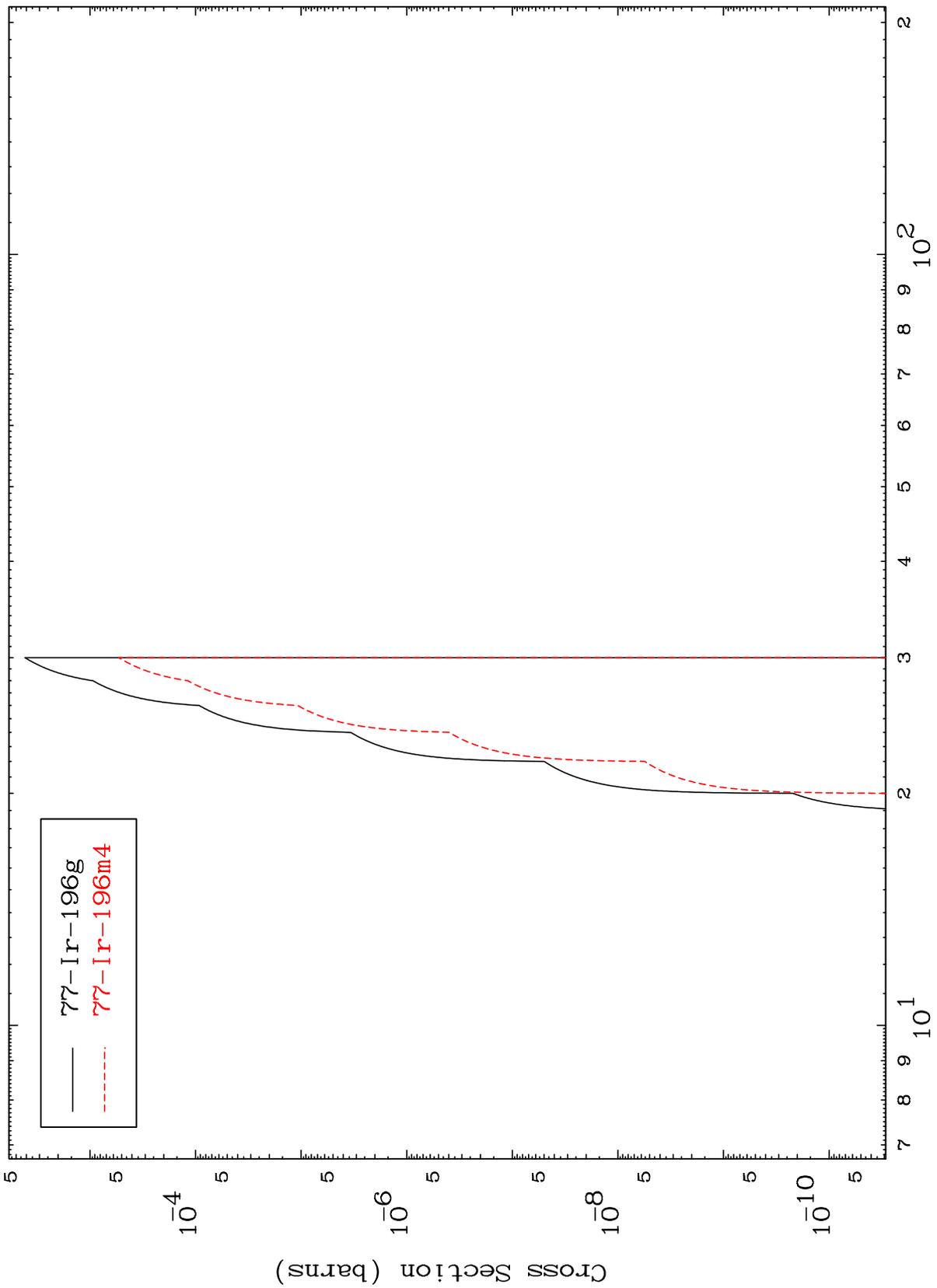
77-Ir-197

MAT 7743

77-Ir-197

(n,n')  $\alpha$

Radionuclide Production Cross Section



13

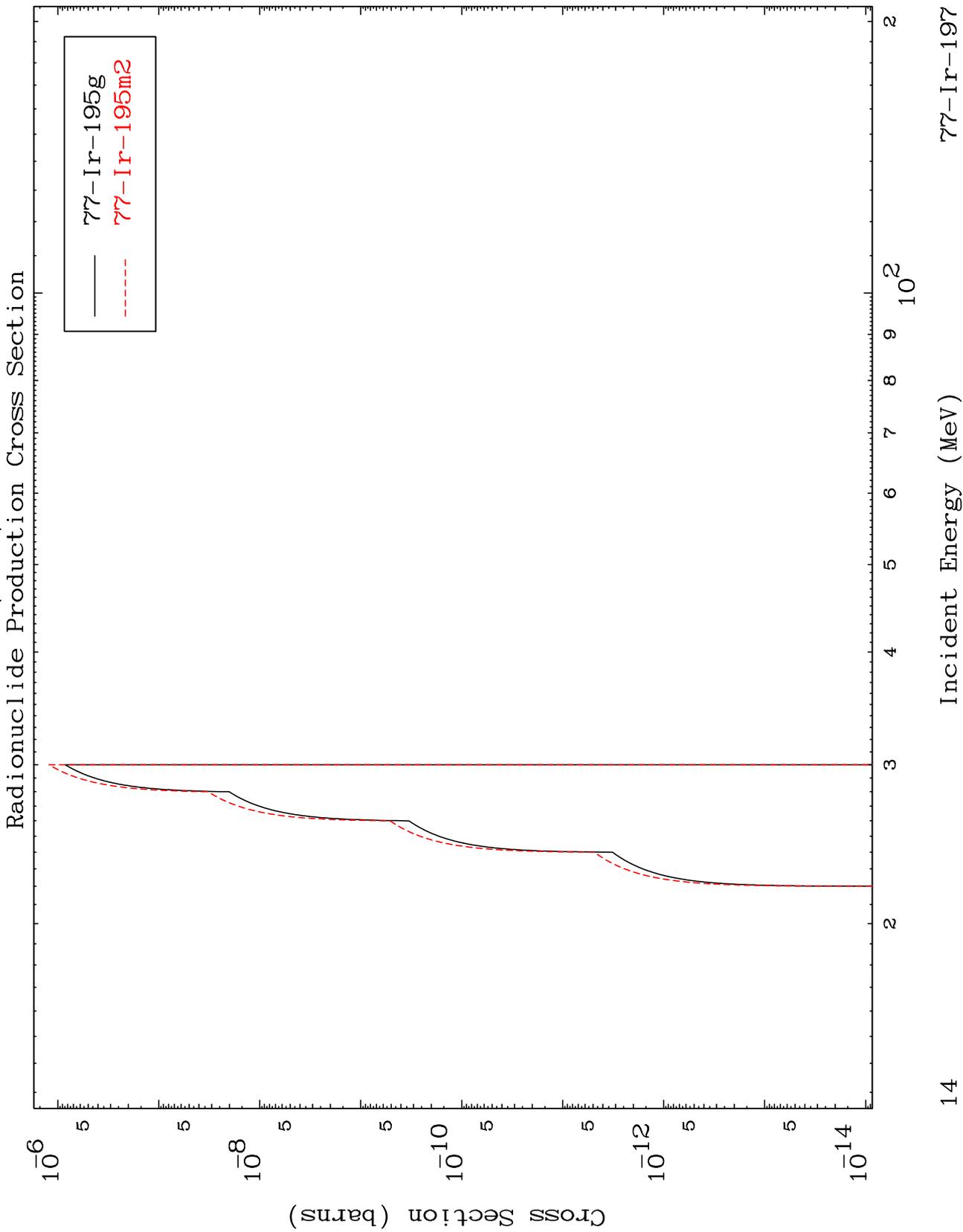
Incident Energy (MeV)

77-Ir-197

MAT 7743

(n,2n)  $\alpha$

77-Ir-197



14

Incident Energy (MeV)

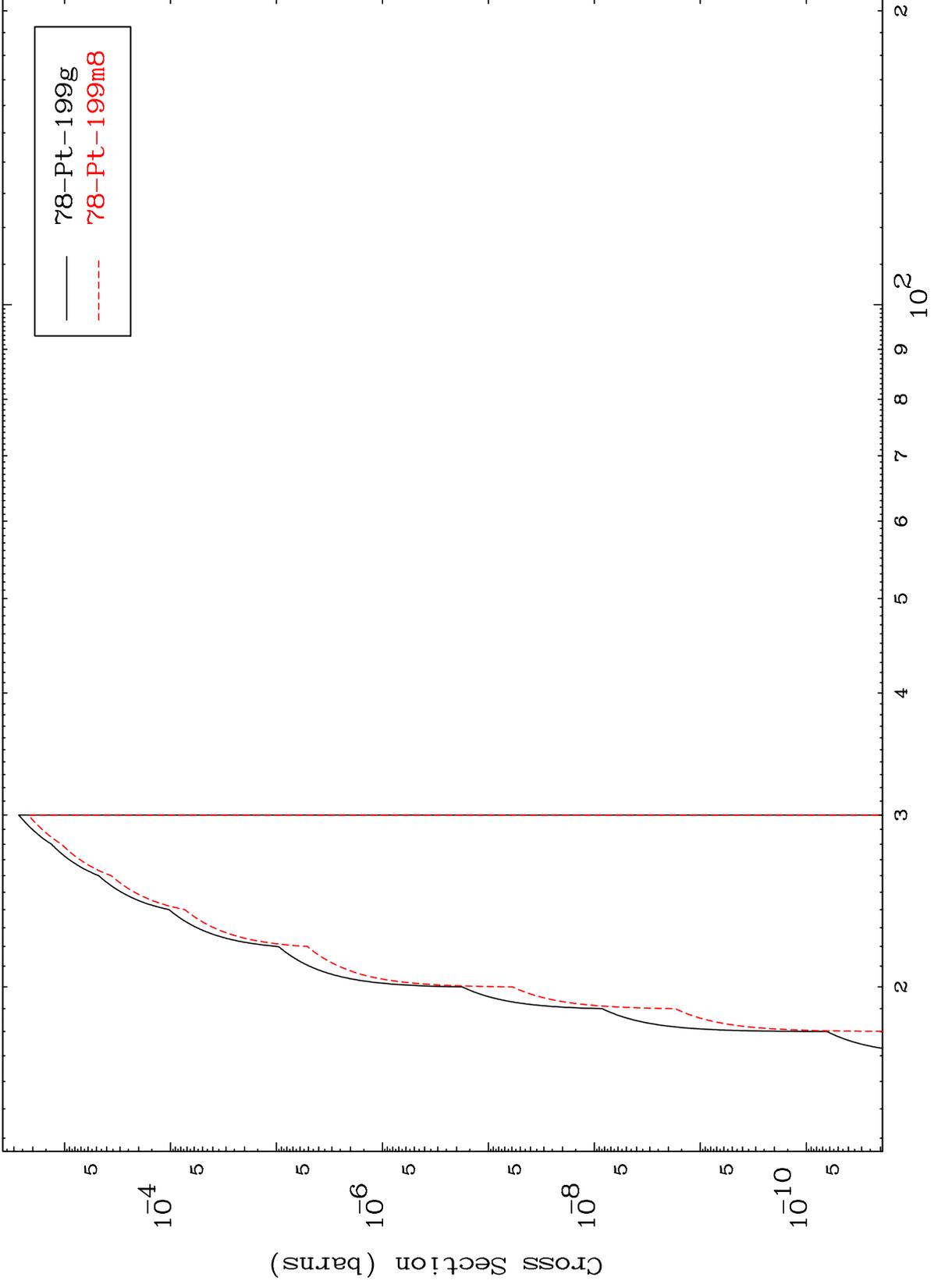
77-Ir-197

MAT 7743

(n,n') p

77-Ir-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

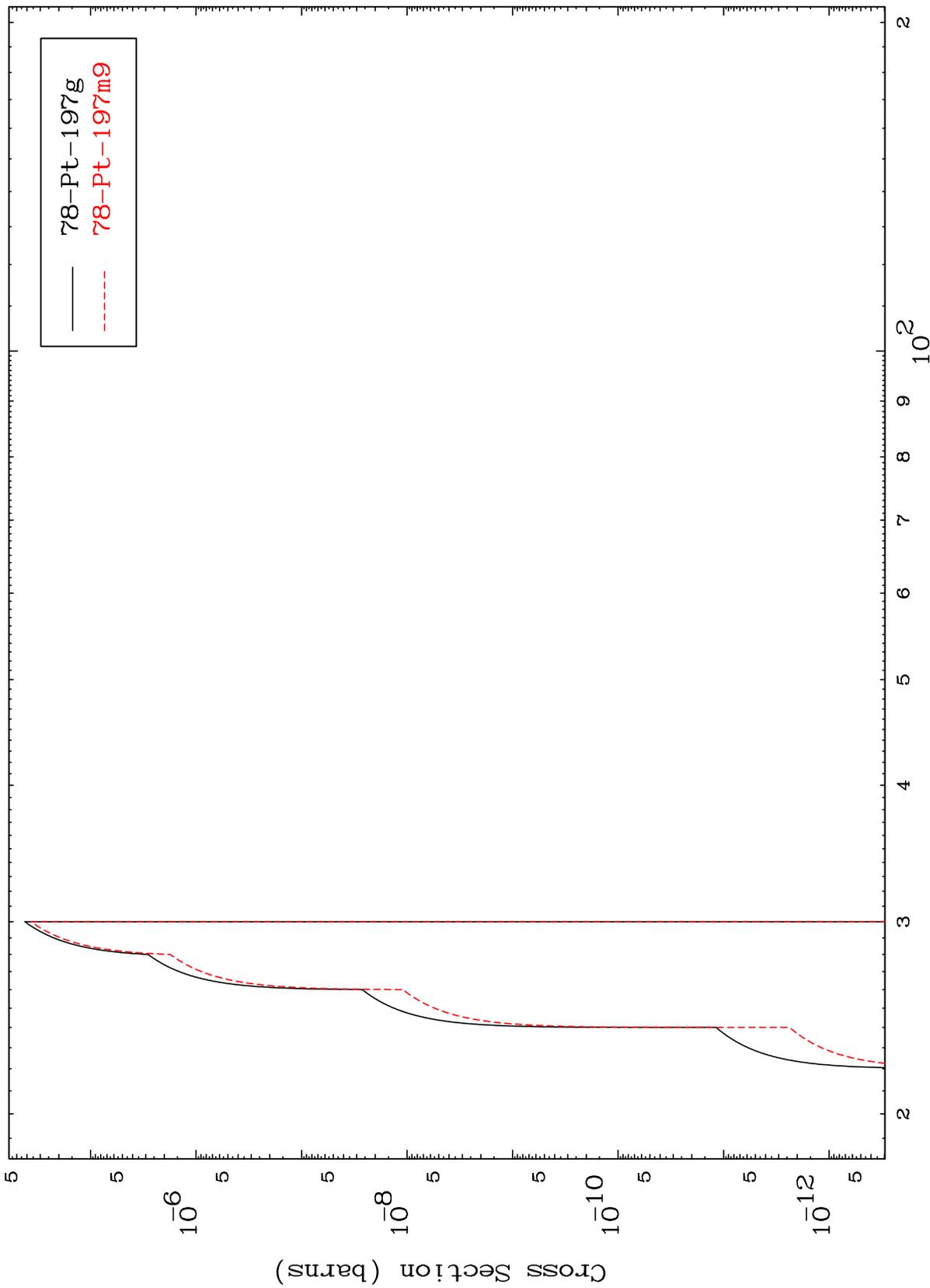
77-Ir-197

MAT 7743

(n,n') t

77-Ir-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

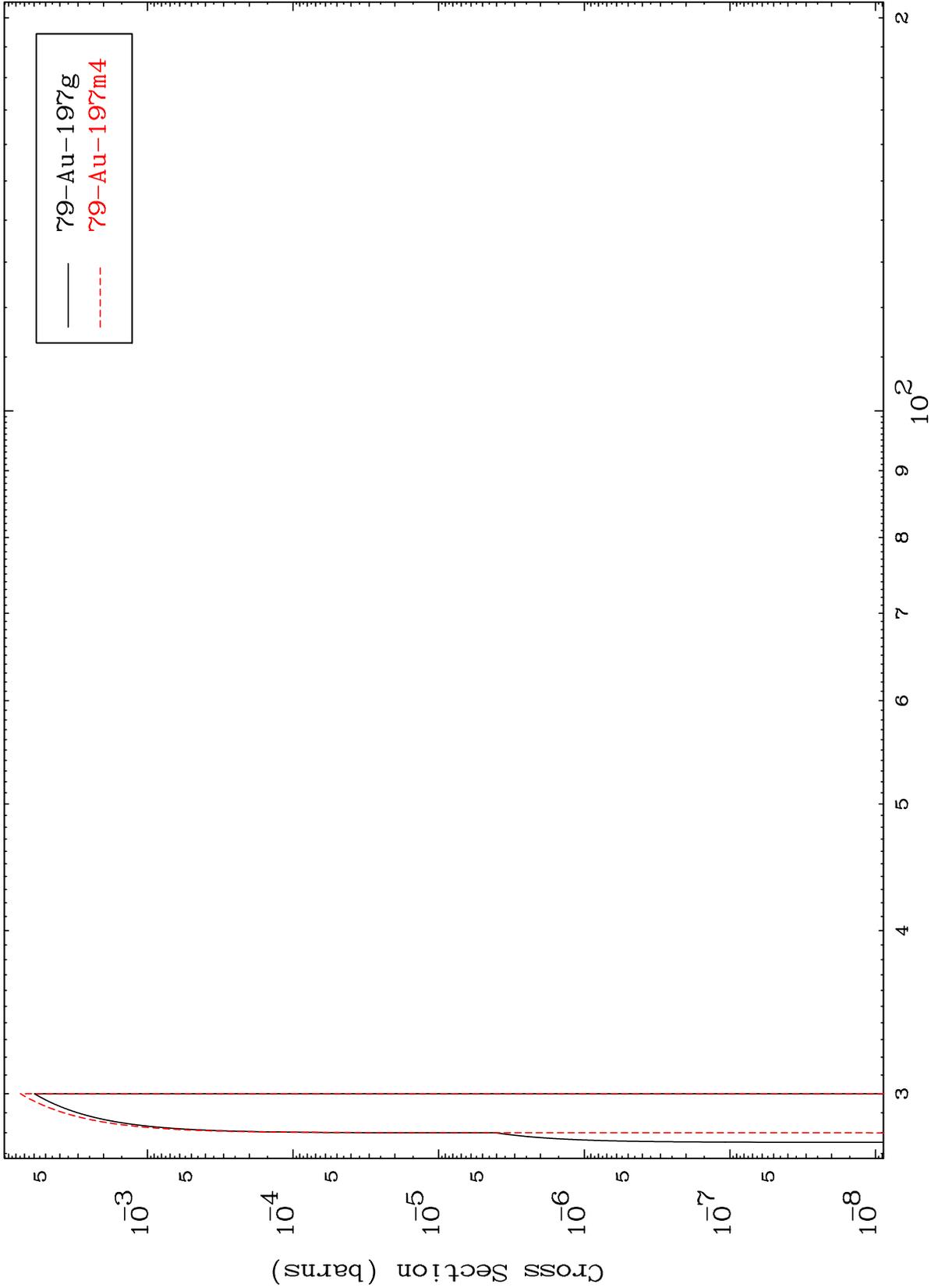
77-Ir-197

MAT 7743

(n,4n)

77-Ir-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

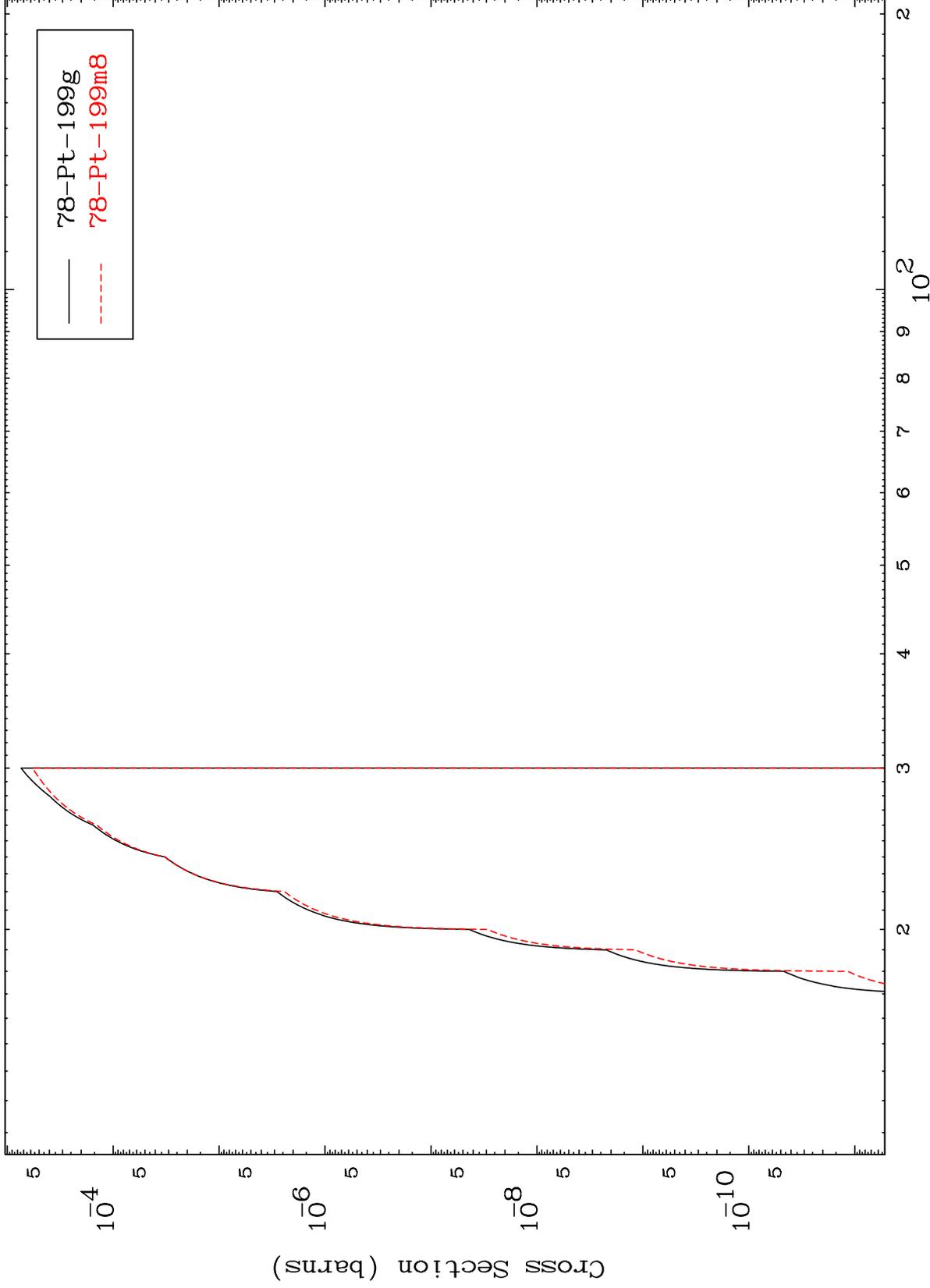
77-Ir-197

MAT 7743

(n,d)

77-Ir-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

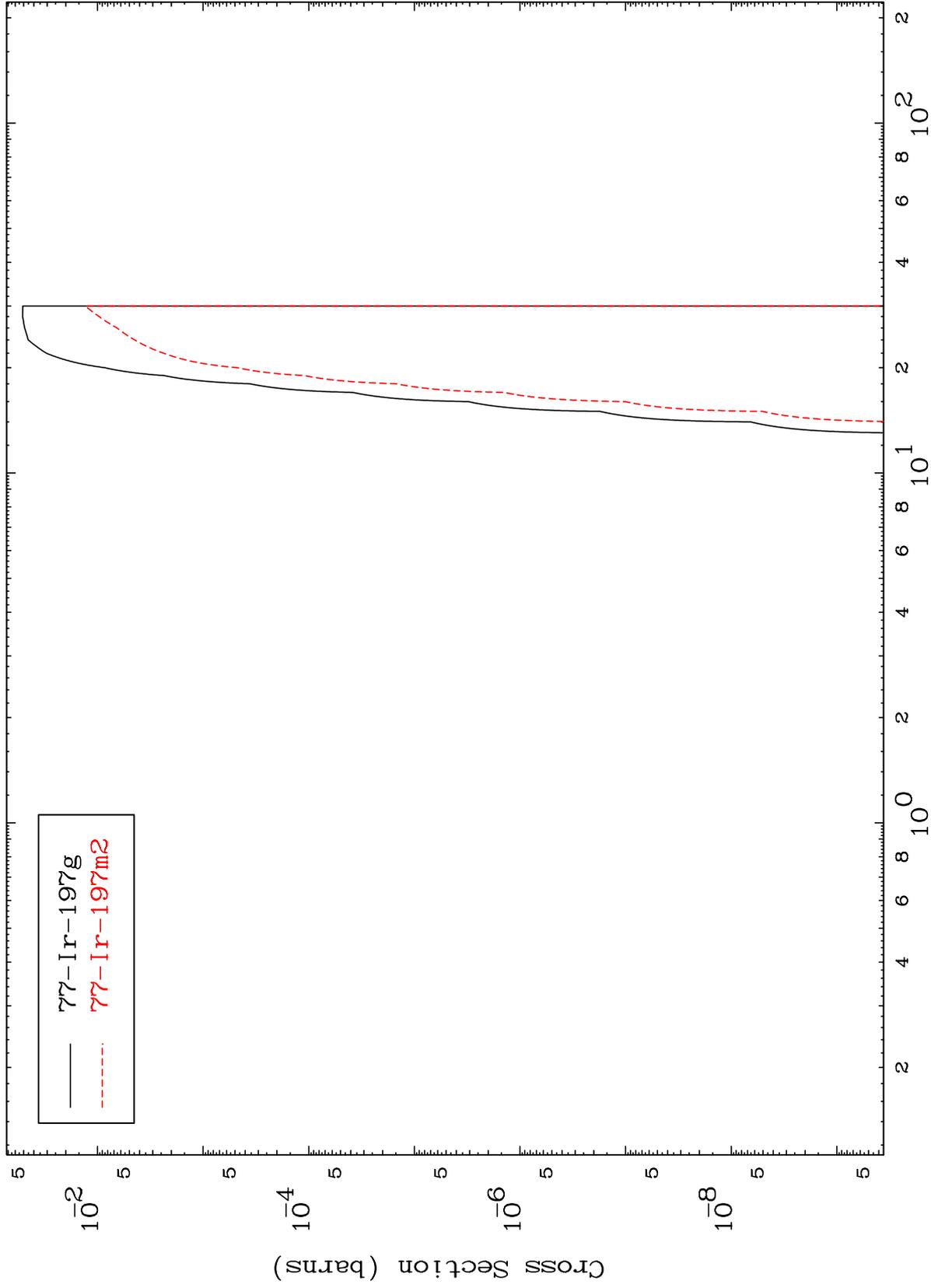
77-Ir-197

MAT 7743

(n,  $\alpha$ )

<sup>77</sup>Ir-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

<sup>77</sup>Ir-197