

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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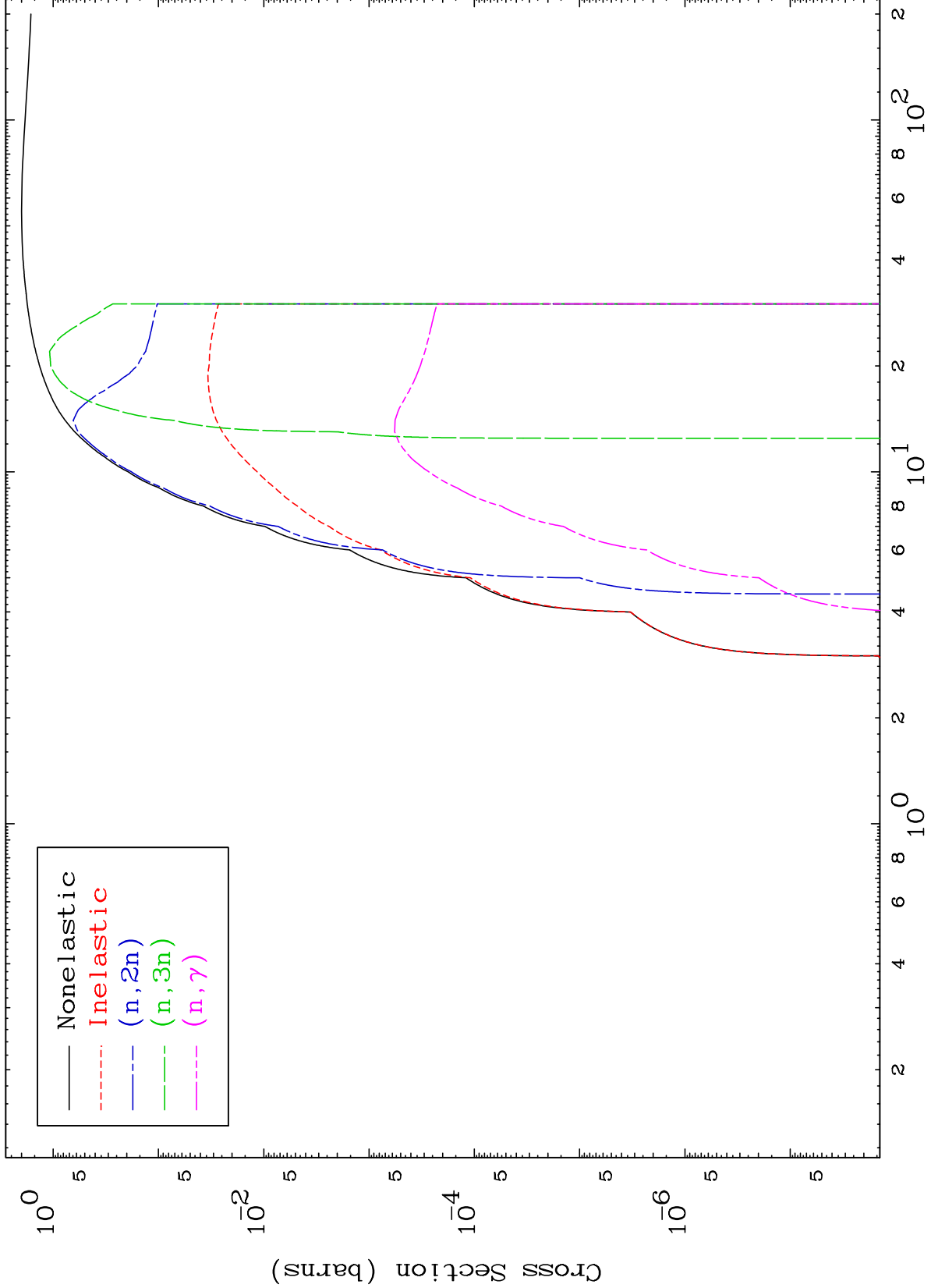
Press Mouse Button to Start

MAT 7743

Proton Major

77-Ir-197

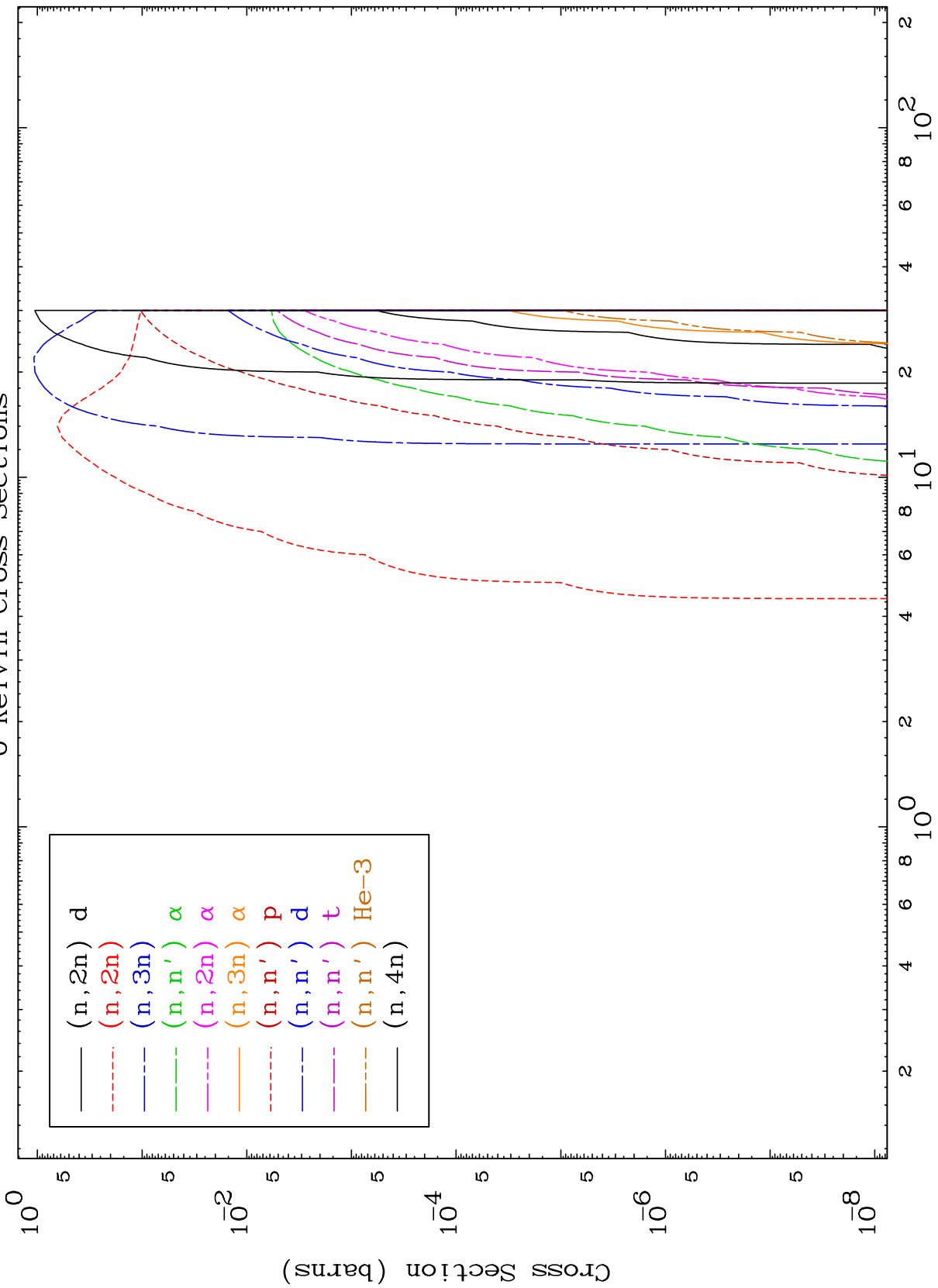
0 Kelvin Cross Sections



MAT 7743

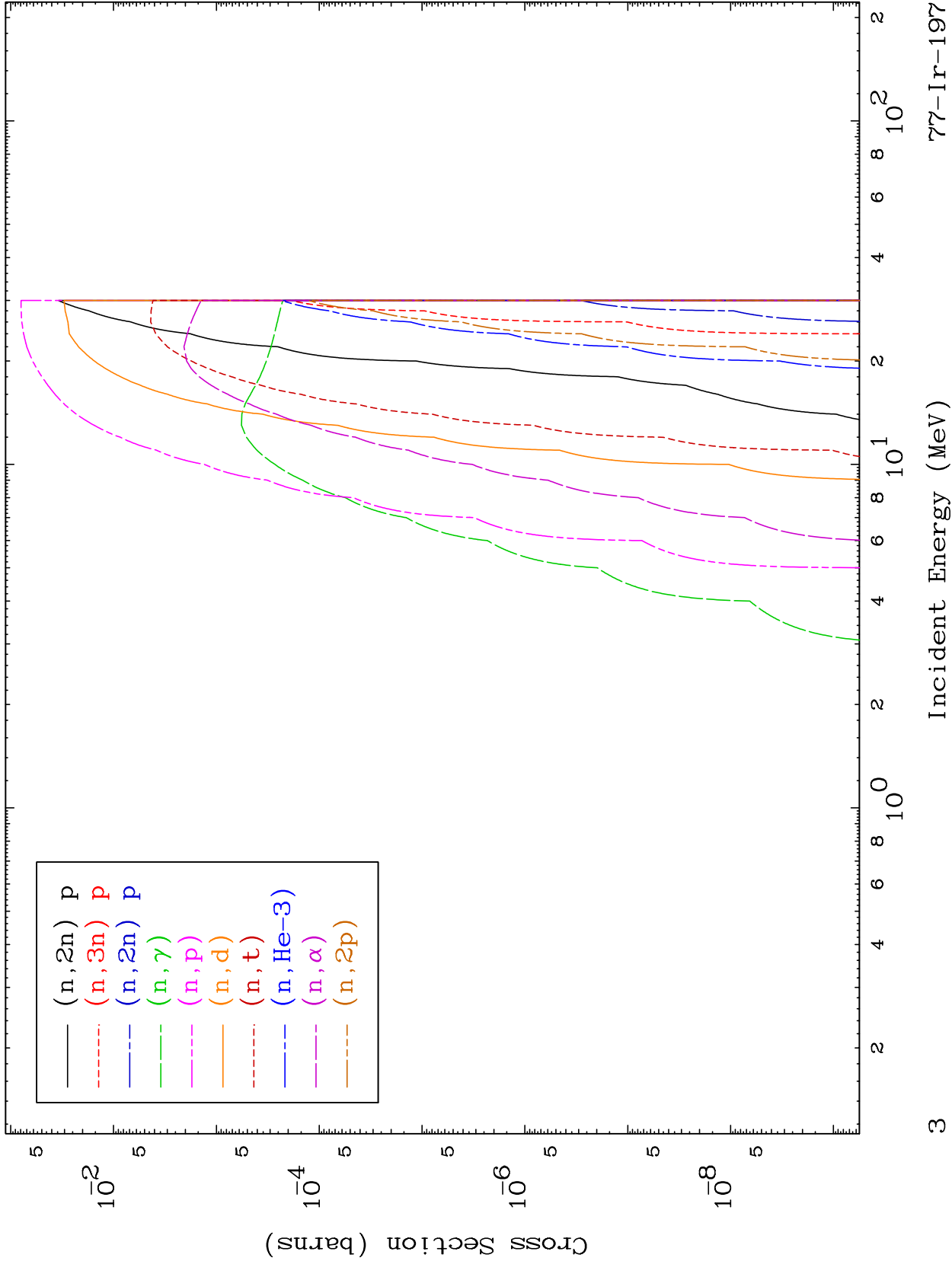
Proton Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-197



77-Ir-197

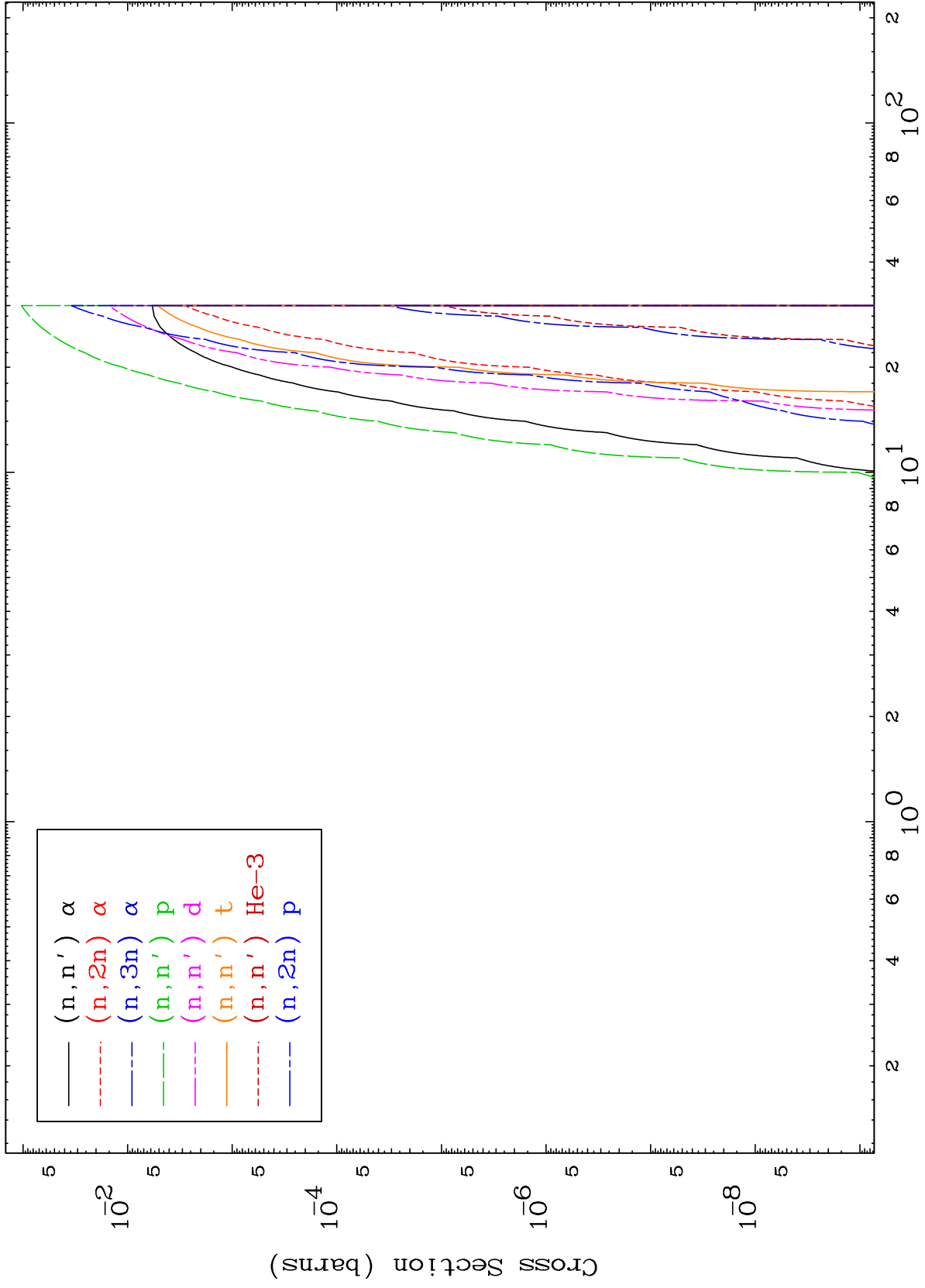
Incident Energy (MeV)

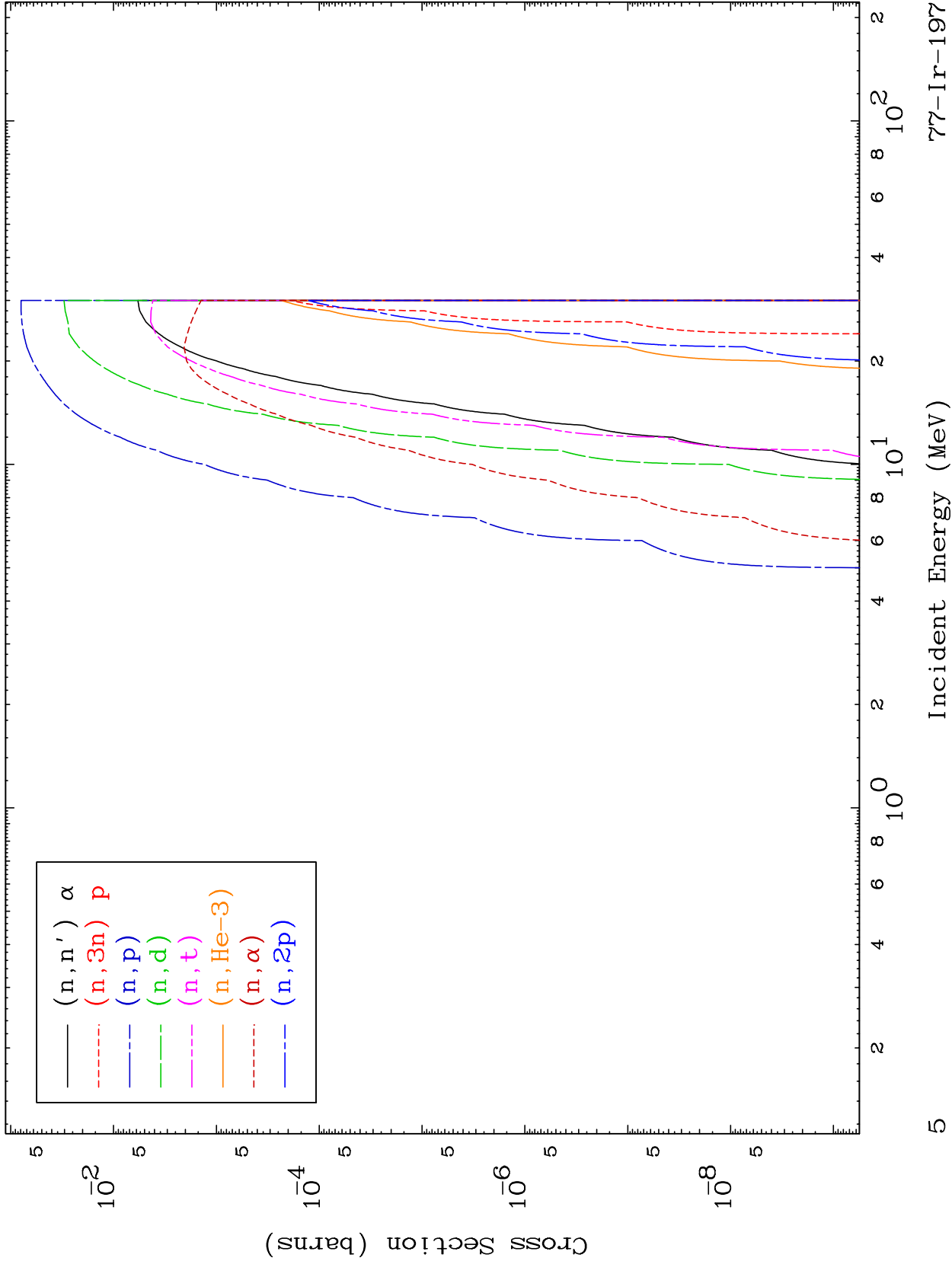


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Proton Charged Particle  
0 Kelvin Cross Sections

77-Ir-197

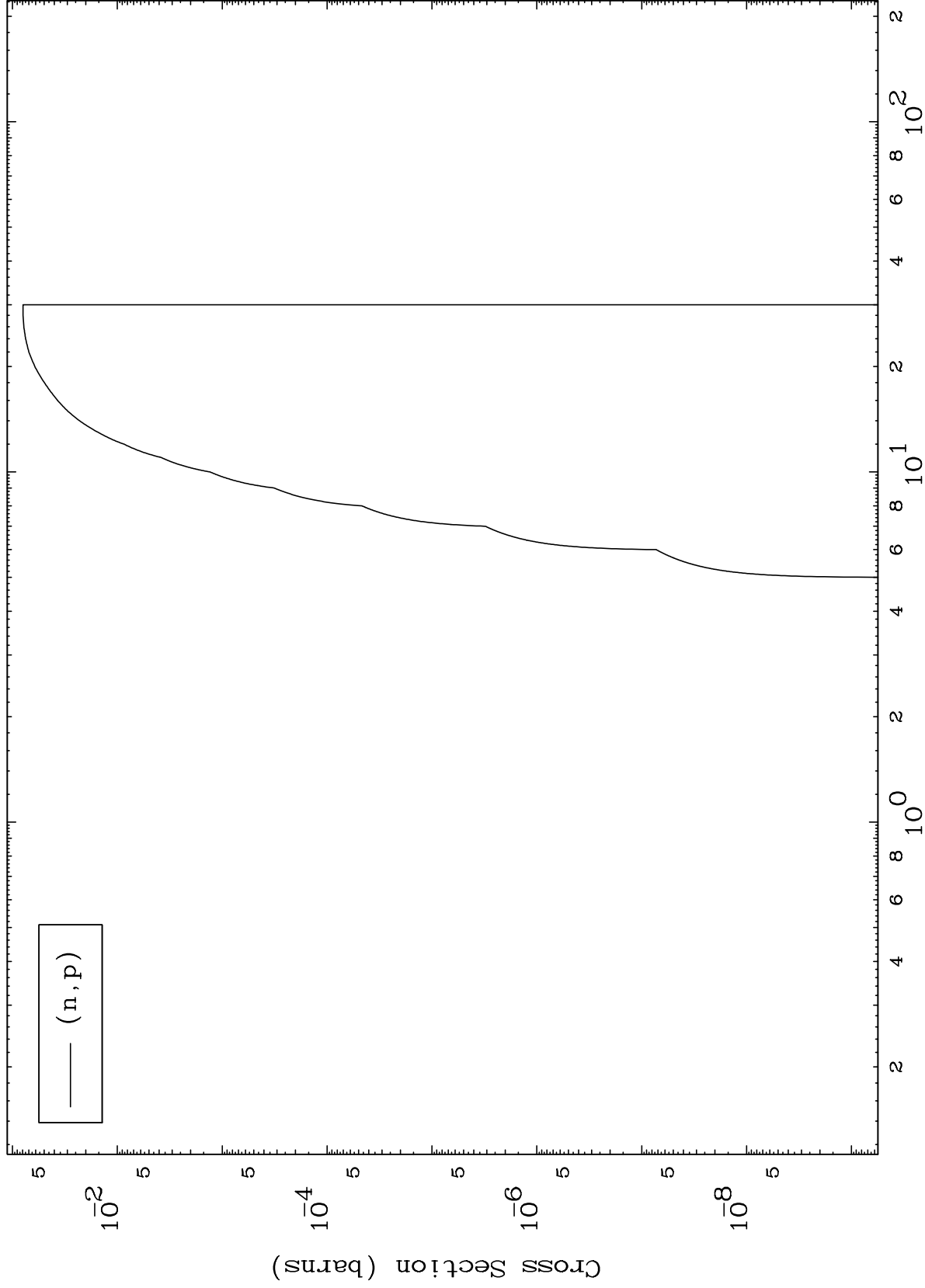




MAT 7743

77-Ir-197

(p,p) Levels  
0 Kelvin Cross Sections



77-Ir-197

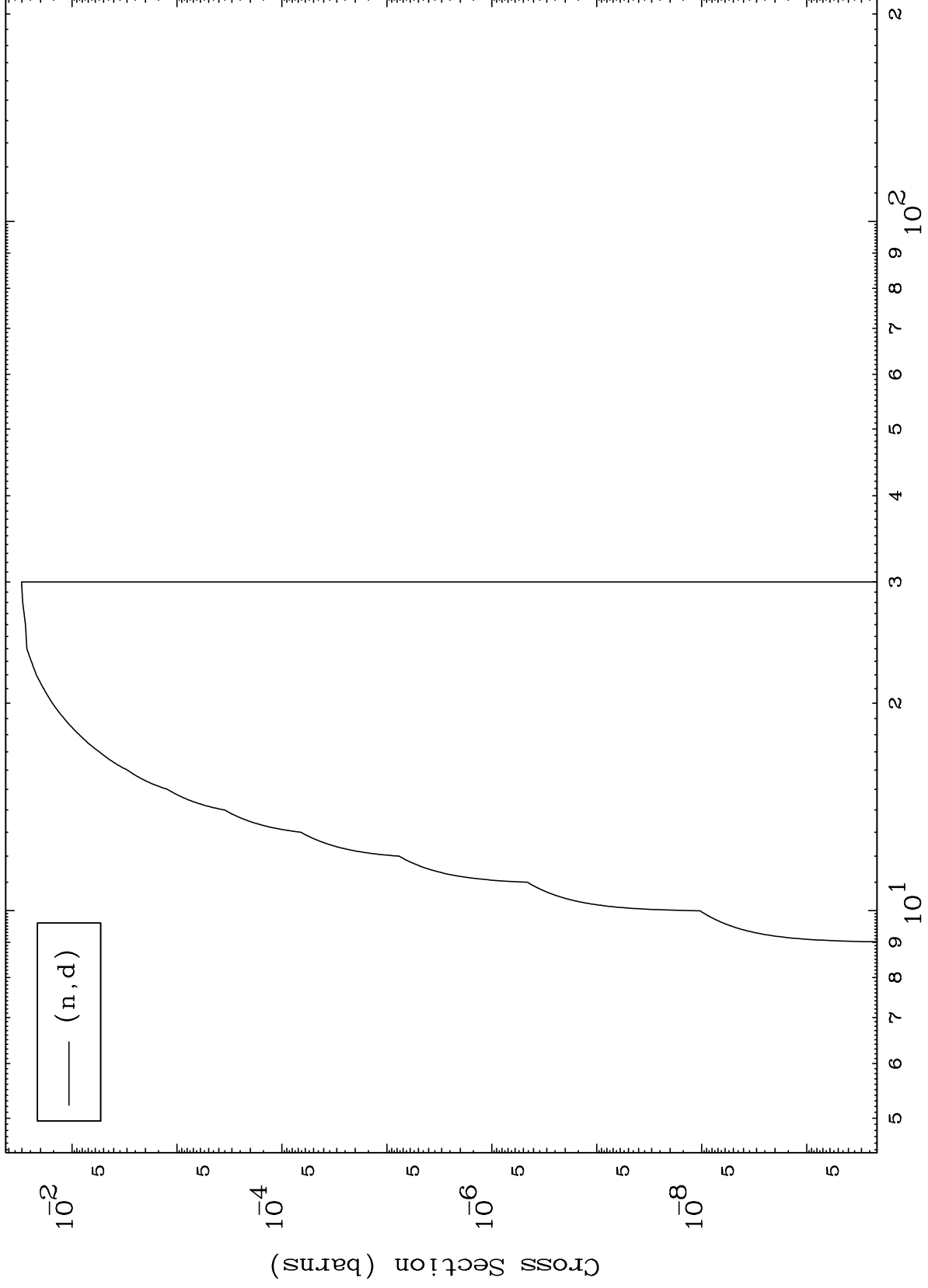
Incident Energy (MeV)

6

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(p,d) Levels  
0 Kelvin Cross Sections

77-Ir-197



7

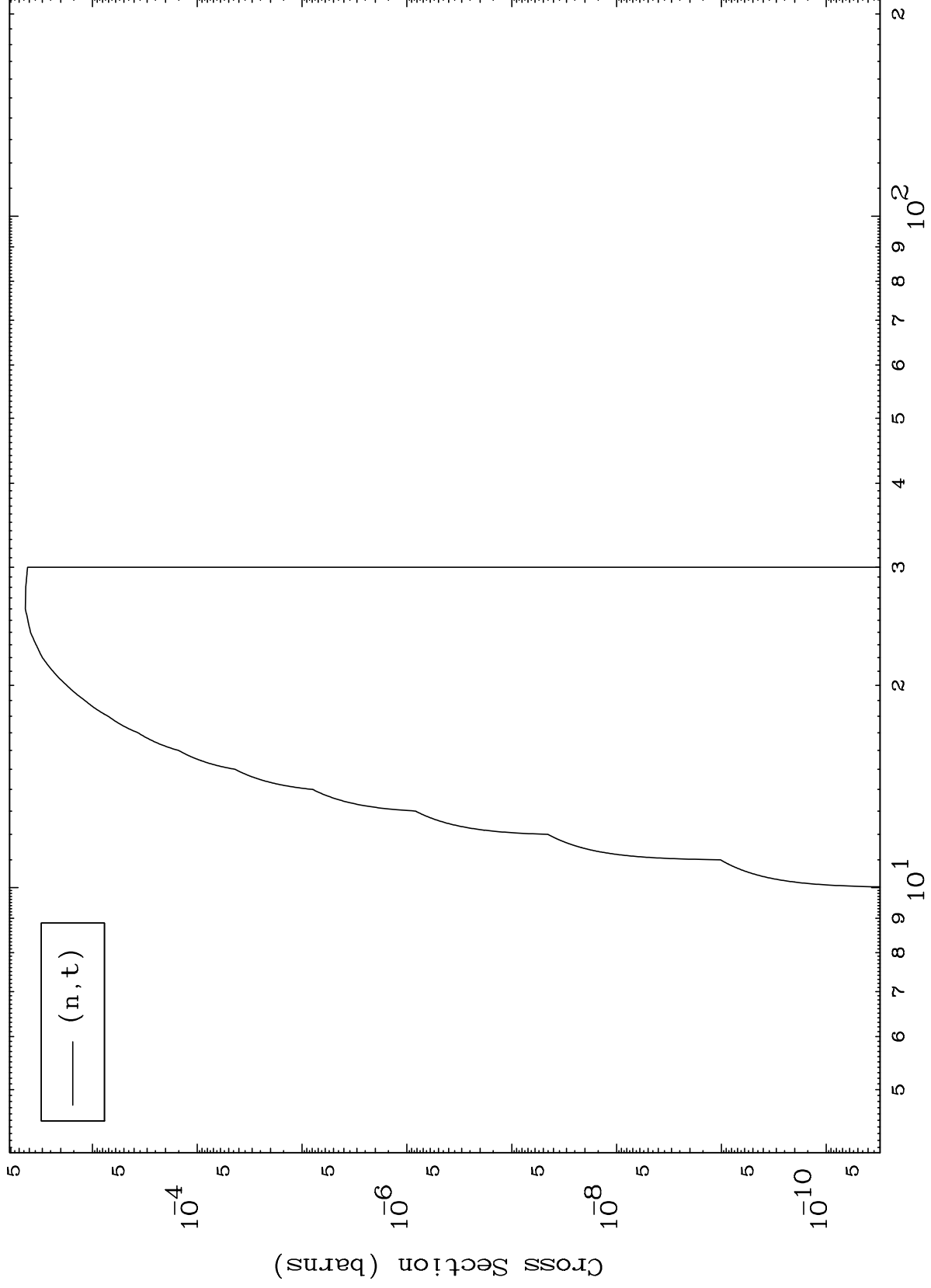
Incident Energy (MeV)

77-Ir-197

MAT 7743

(p,t) Levels  
0 Kelvin Cross Sections

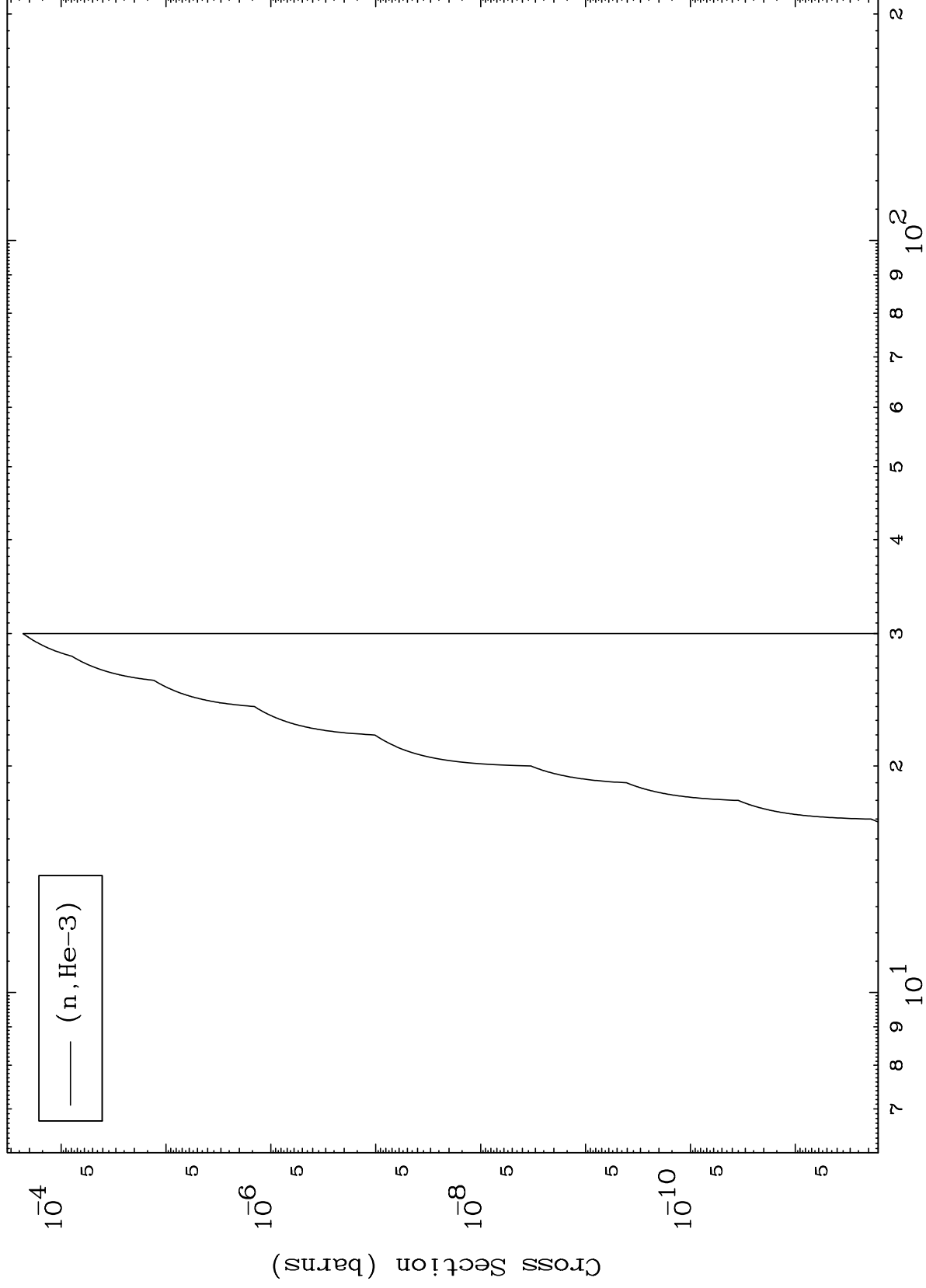
77-Ir-197



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(p,He3) Levels  
0 Kelvin Cross Sections

77-Ir-197



9

Incident Energy (MeV)

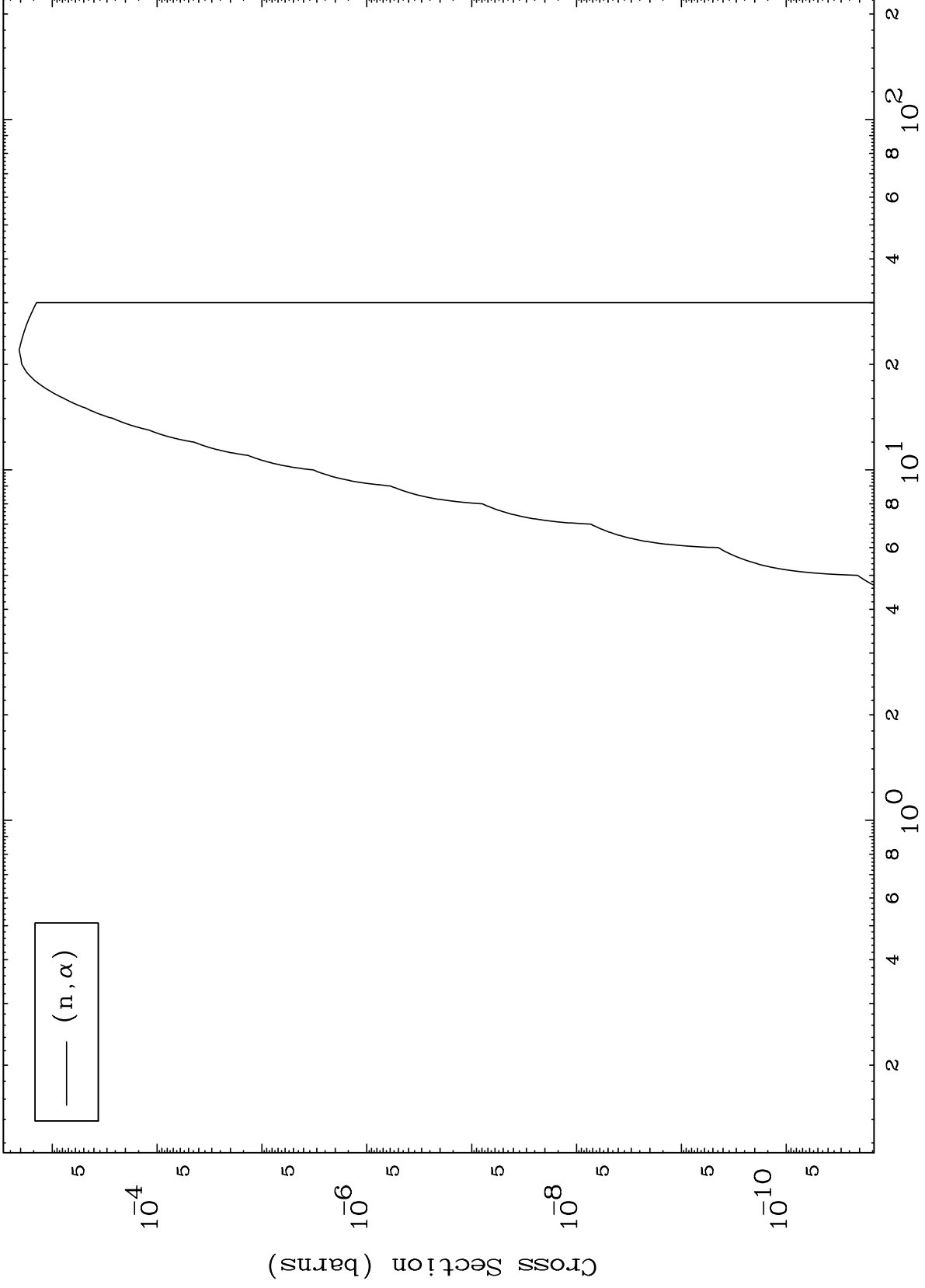
77-Ir-197

MAT 7743

(p,  $\alpha$ ) Levels

77-Ir-197

0 Kelvin Cross Sections



(n,  $\alpha$ )

10

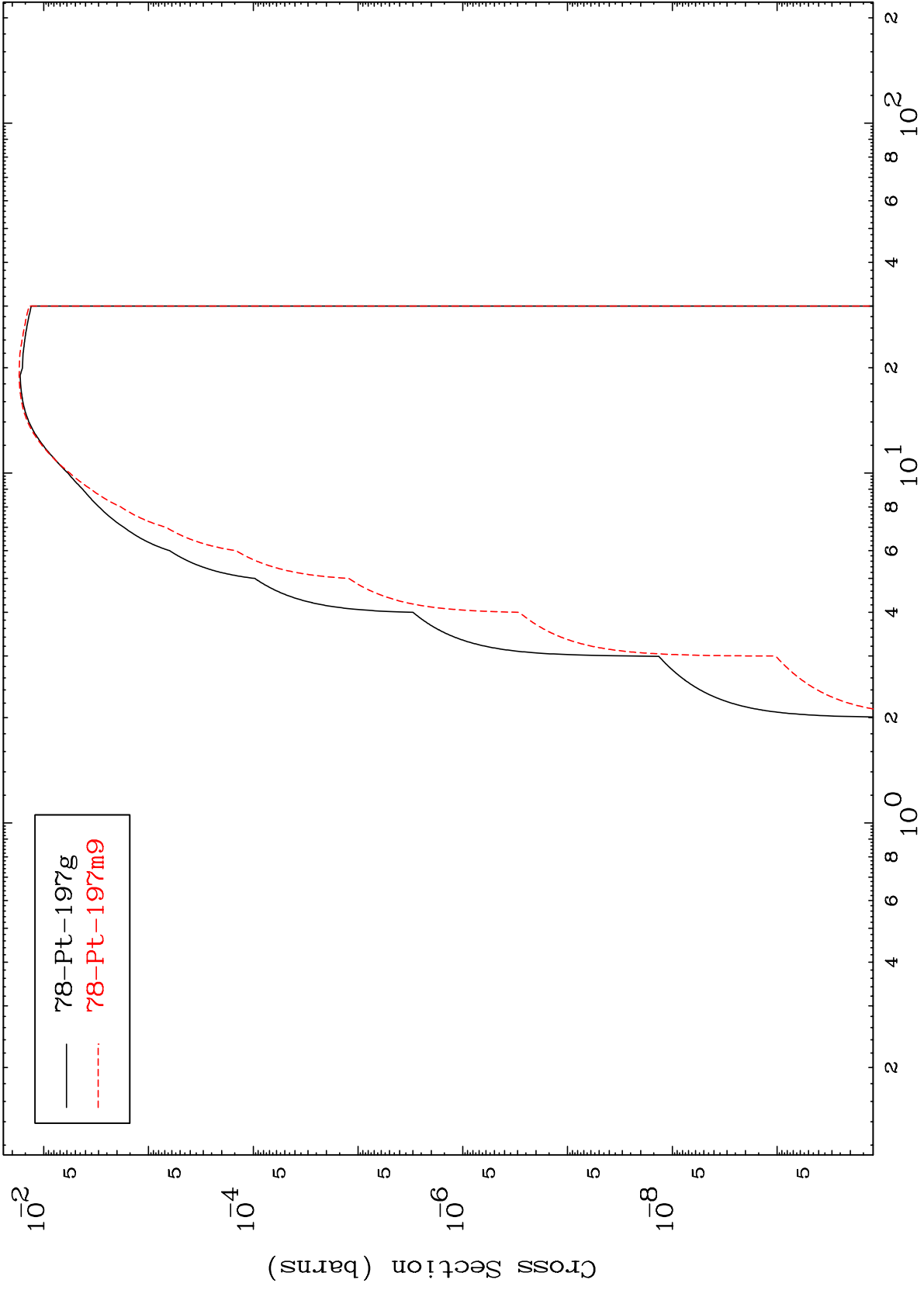
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

Inelastic  
Radionuclide Production Cross Section

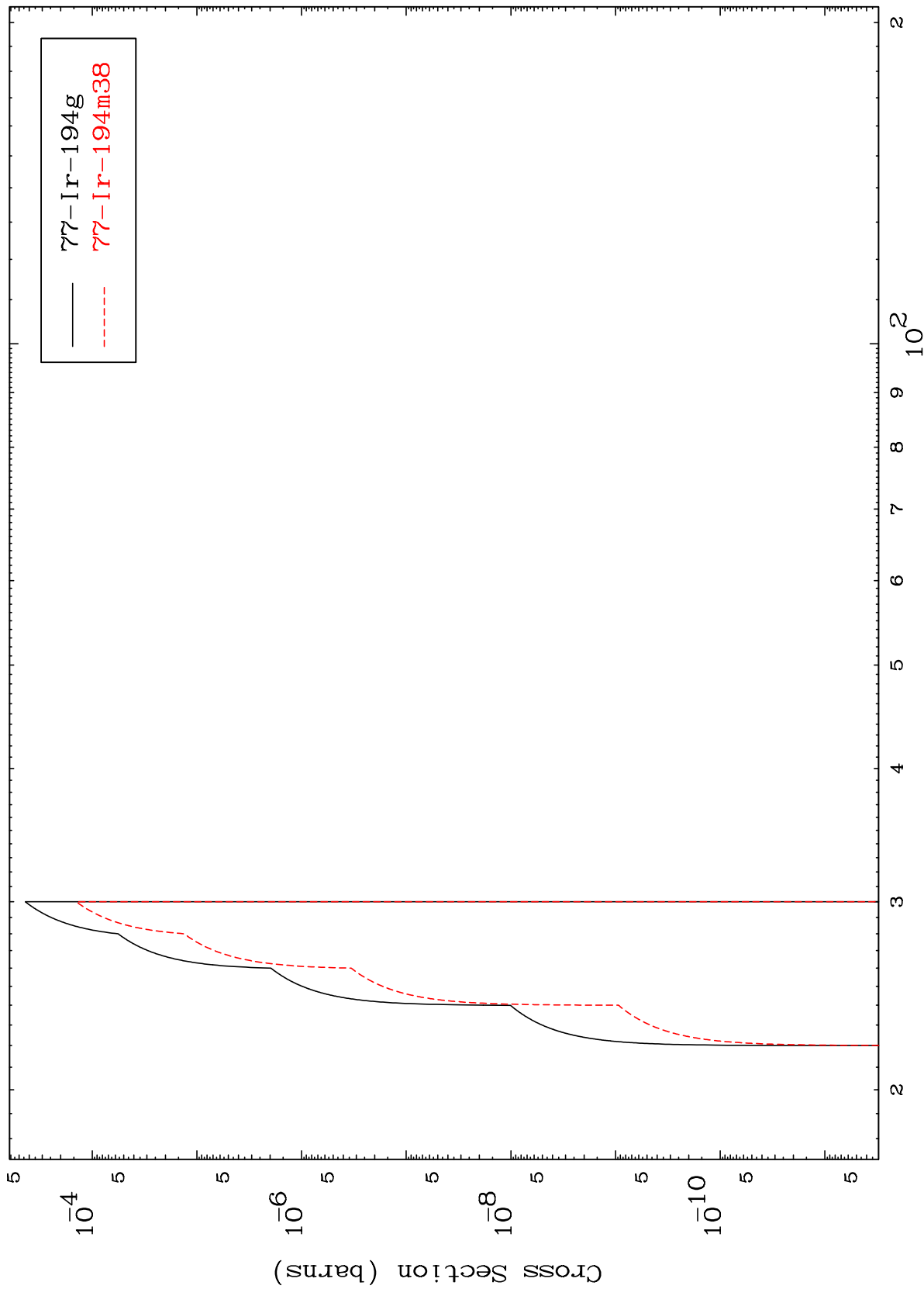


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(n,2n) d

77-Ir-197

Radionuclide Production Cross Section

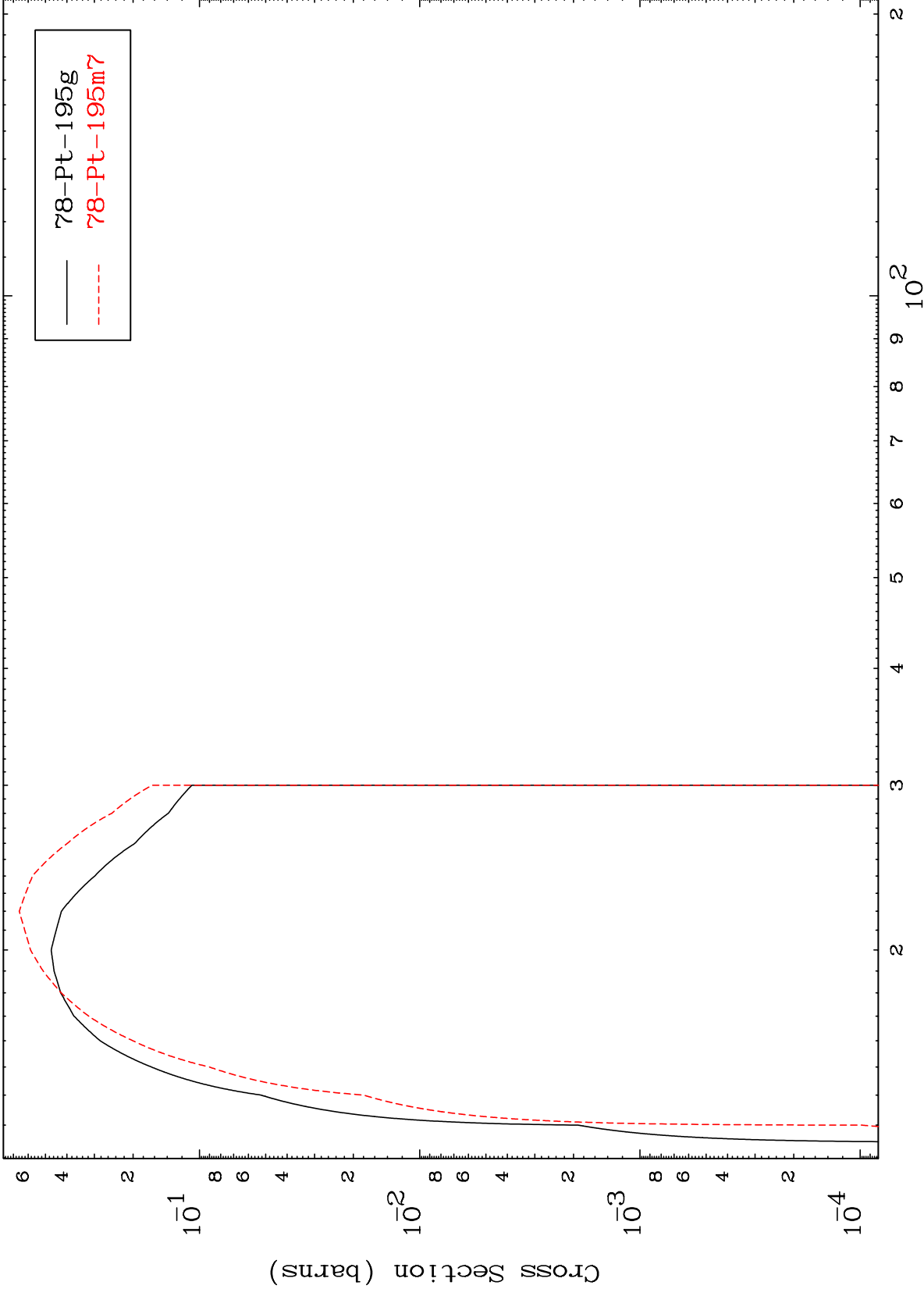


12

Incident Energy (MeV)

77-Ir-197

Radionuclide Production Cross Section

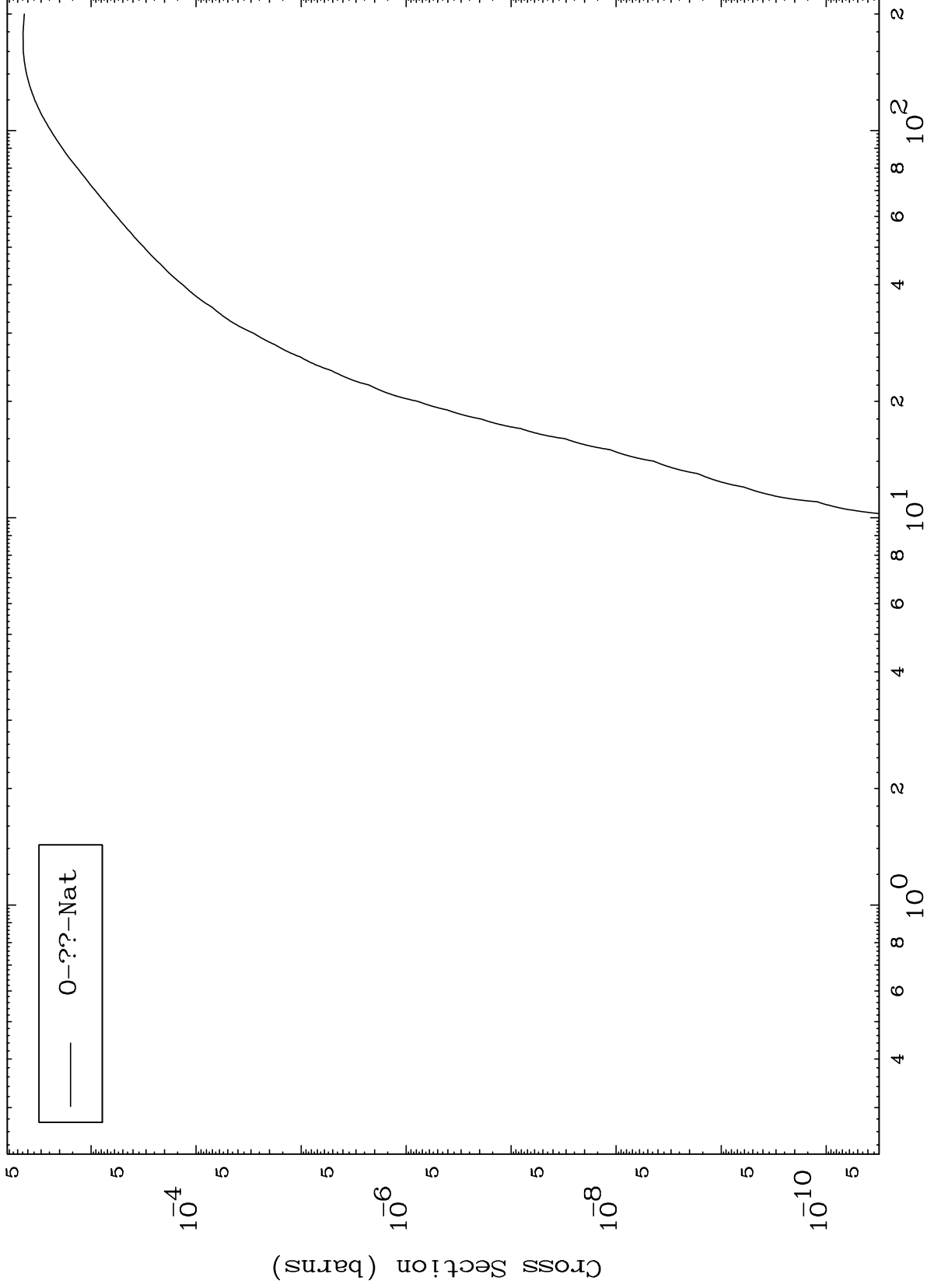


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Fission

77-Ir-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

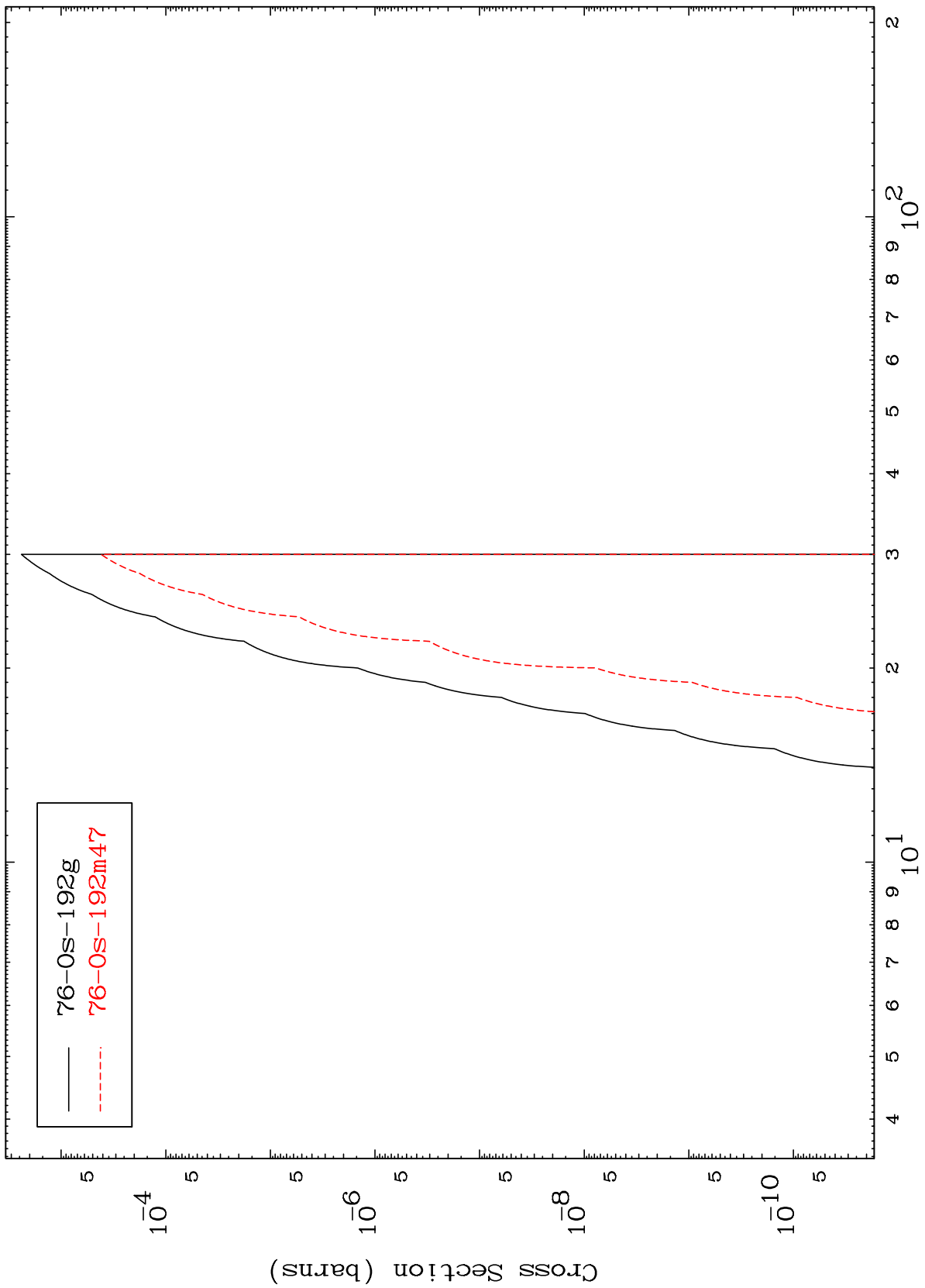
77-Ir-197

MAT 7743

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



76-0s-192g  
76-0s-192m47

15

Incident Energy (MeV)

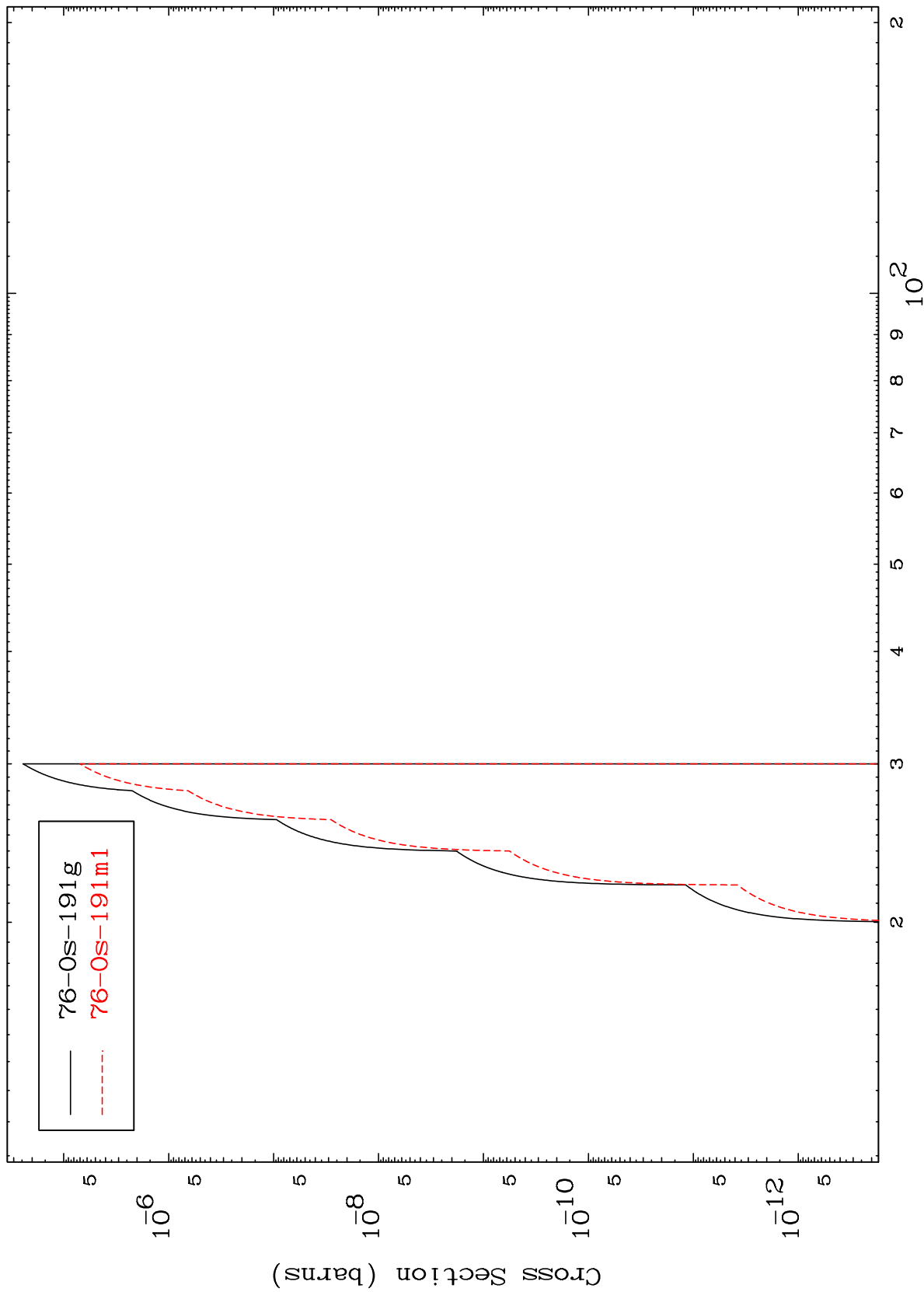
$^{77}\text{Ir-197}$

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77-Ir-197

(n,3n)  $\alpha$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

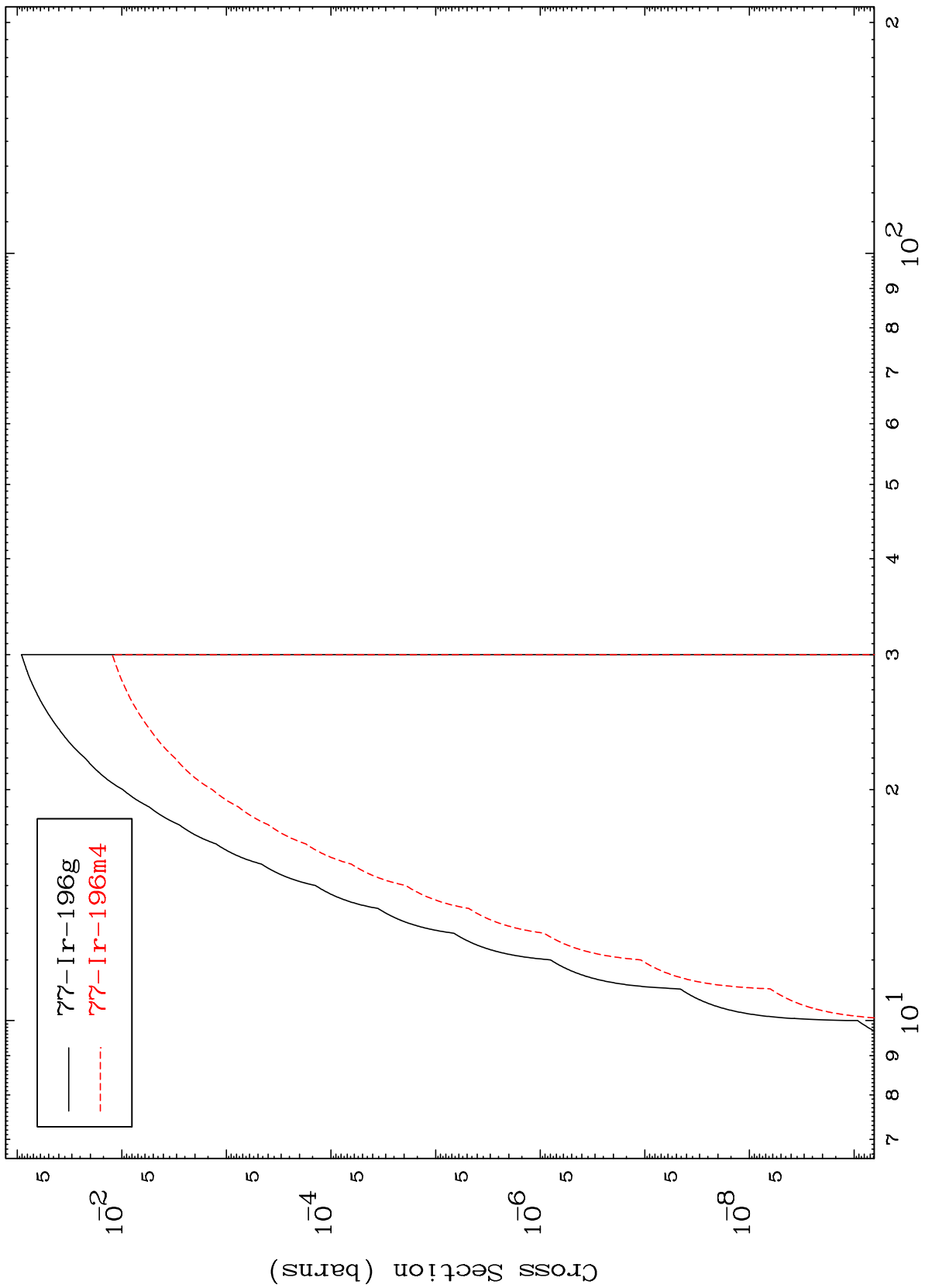
77-Ir-197

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(n,n') p

<sup>77</sup>Ir-197

Radionuclide Production Cross Section



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

17

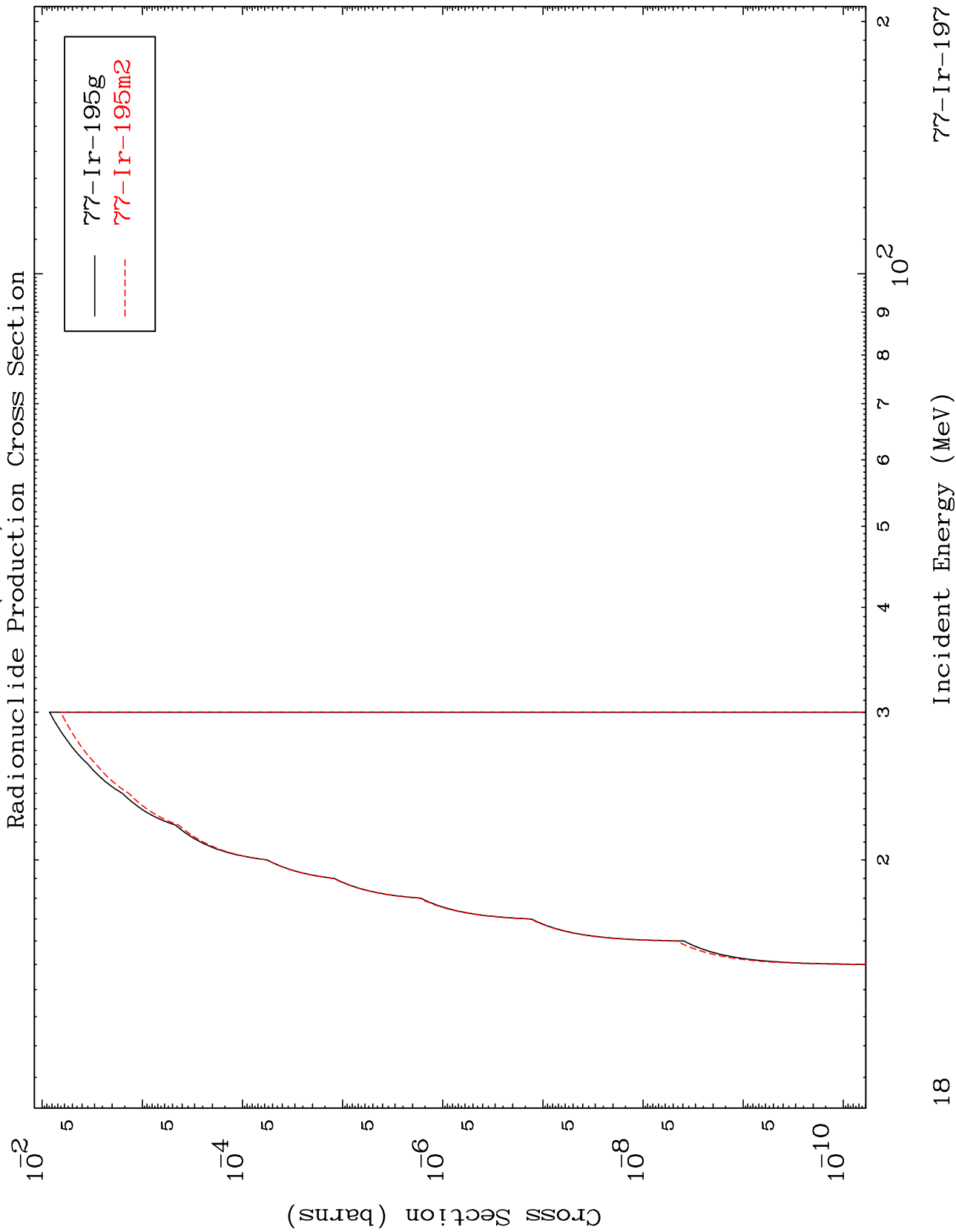
Incident Energy (MeV)

<sup>77</sup>Ir-197

MAT 7743

(n,n') d

77-Ir-197



18

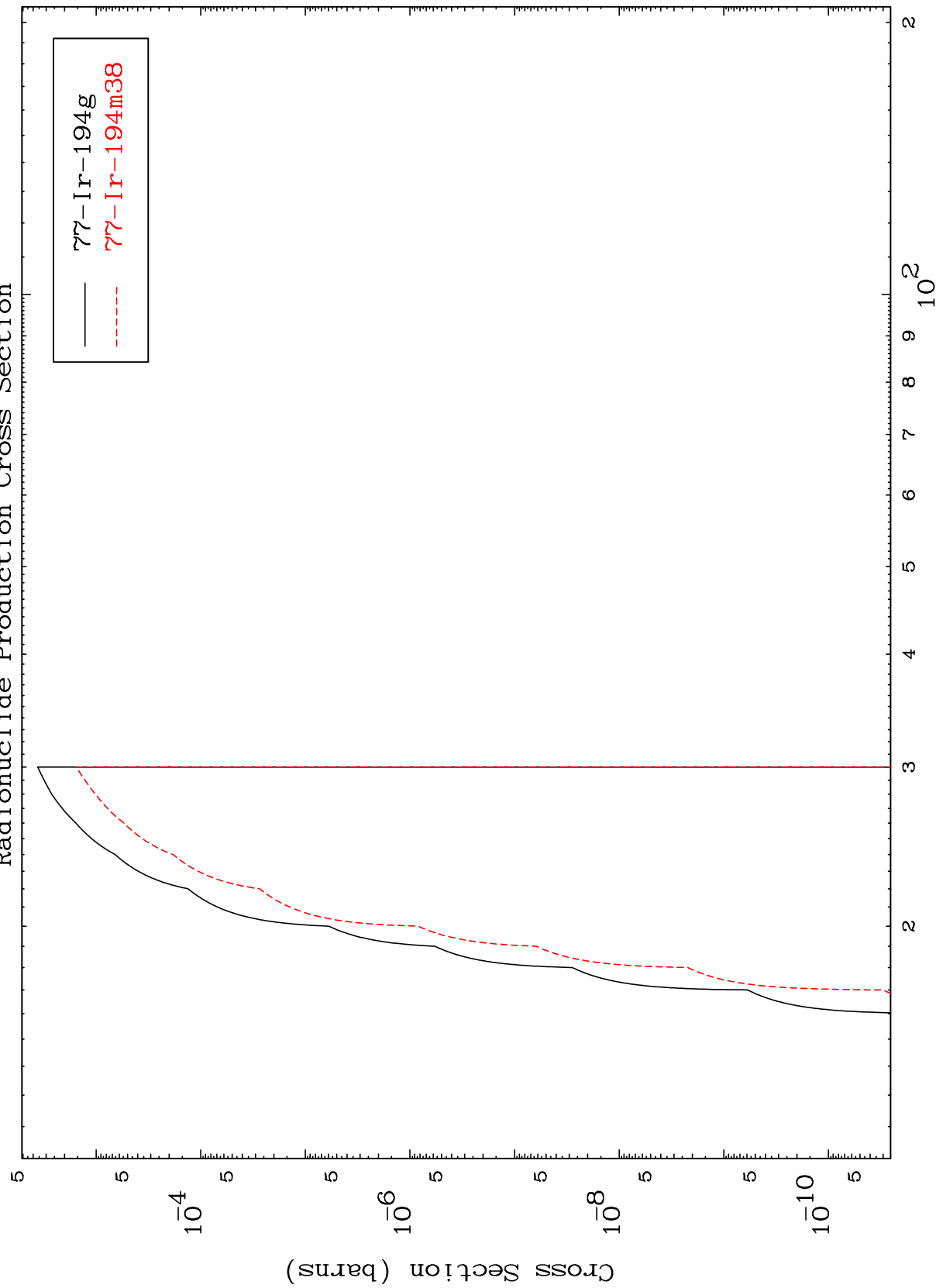
77-Ir-197

MAT 7743

(n,n') t

77-Ir-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

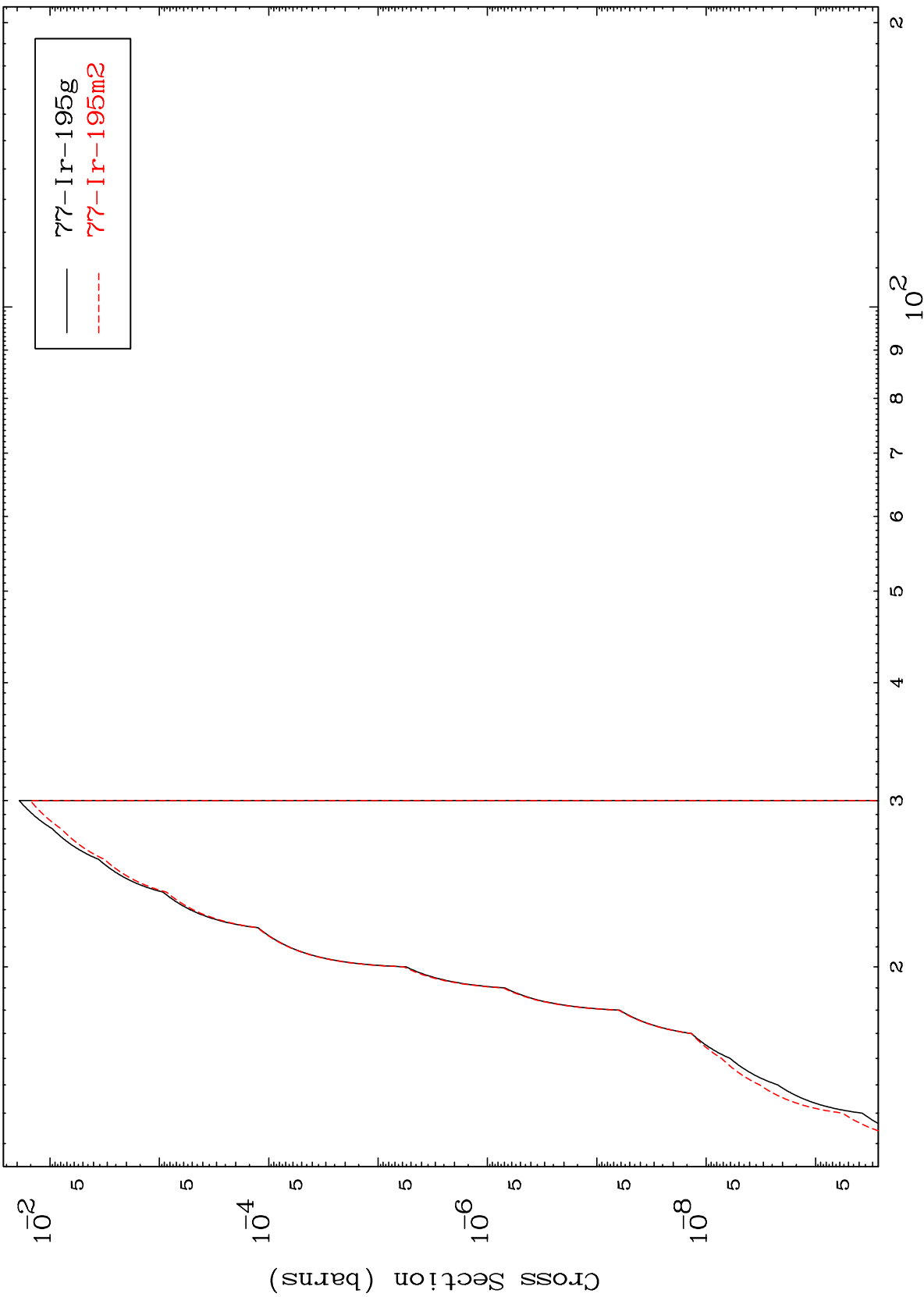
77-Ir-197

MAT 7743

(n,2n) p

77-Ir-197

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-197

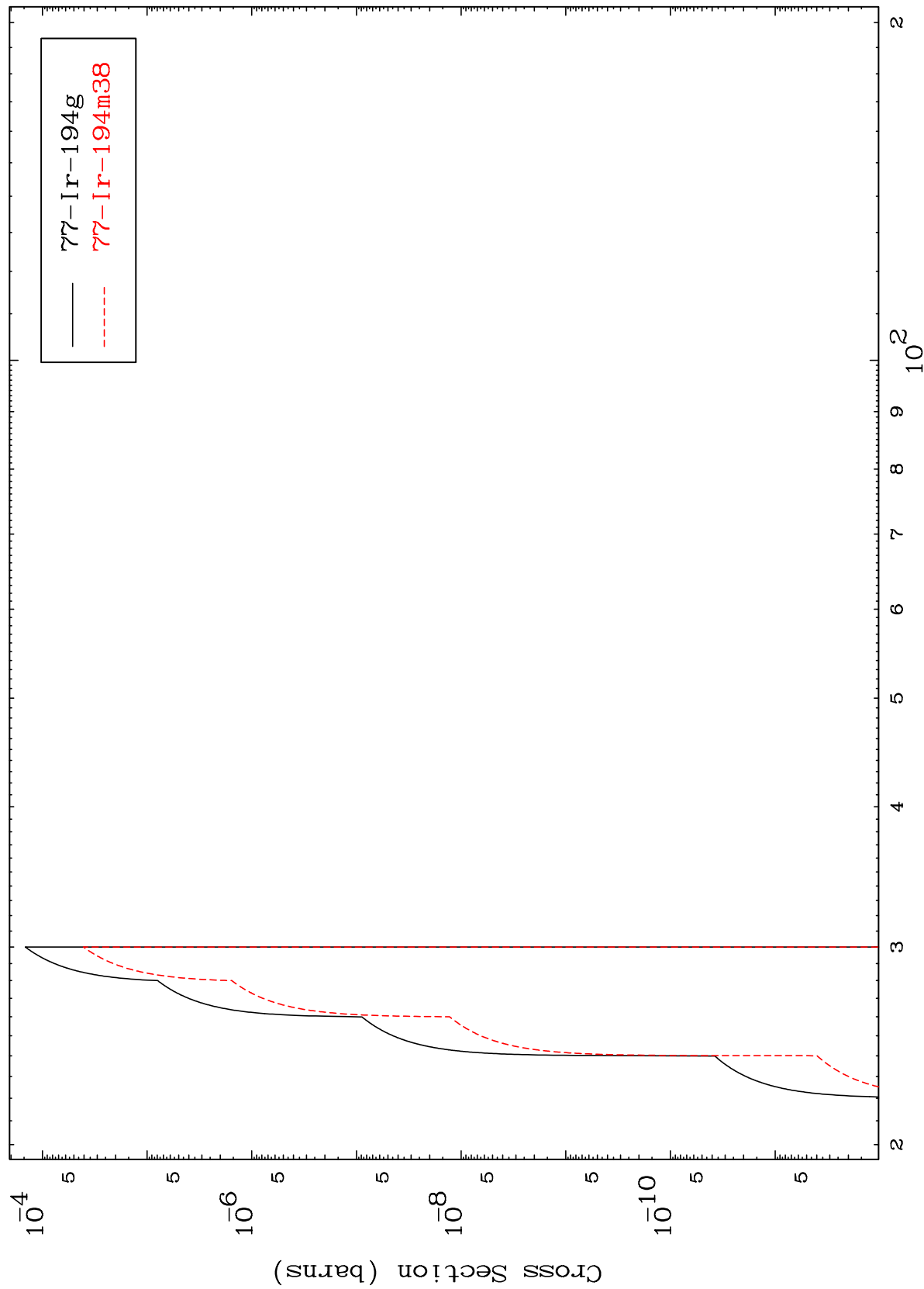
20

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(n,3n) p

77-Ir-197

Radionuclide Production Cross Section

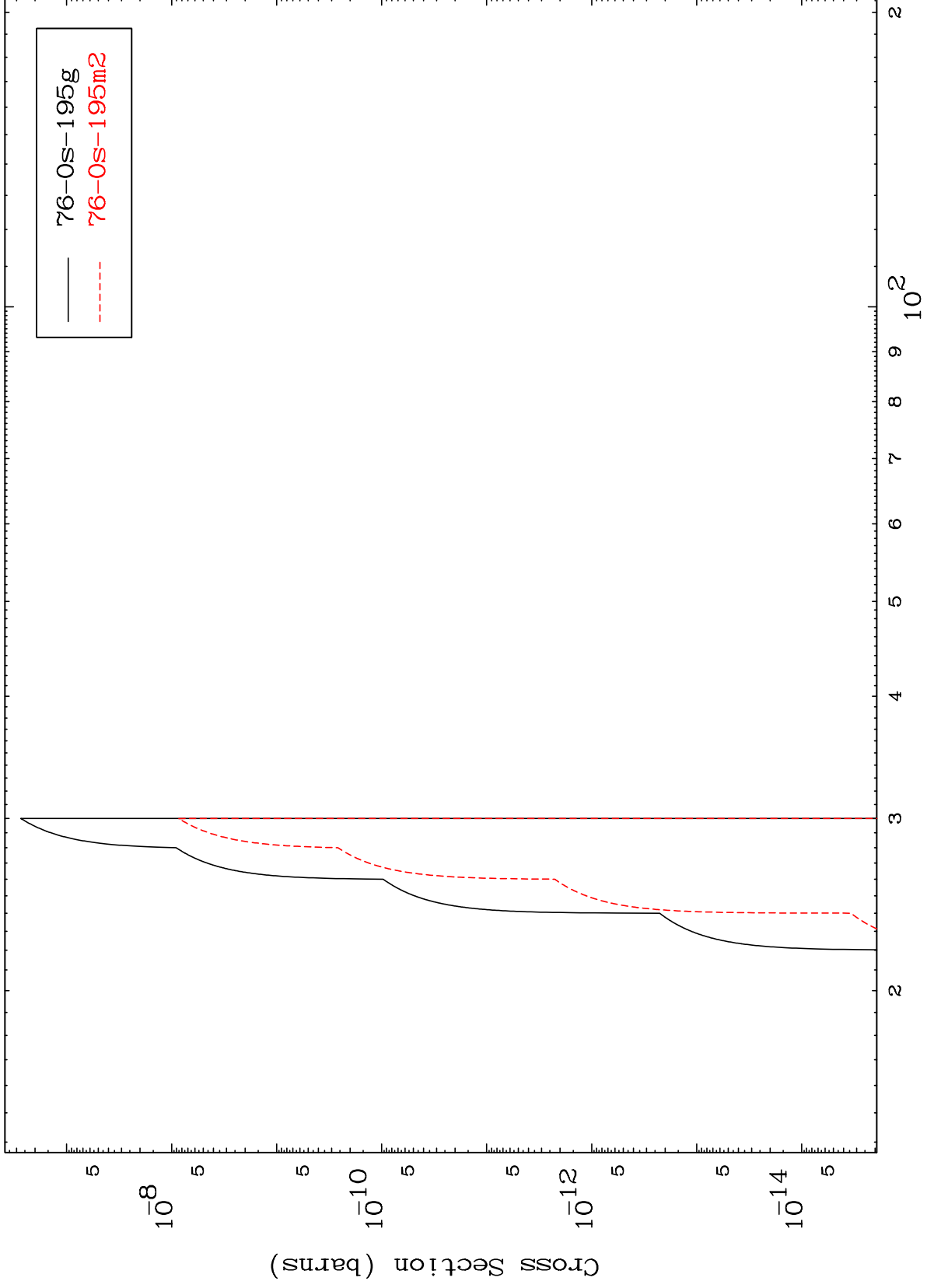


21

Incident Energy (MeV)

77-Ir-197

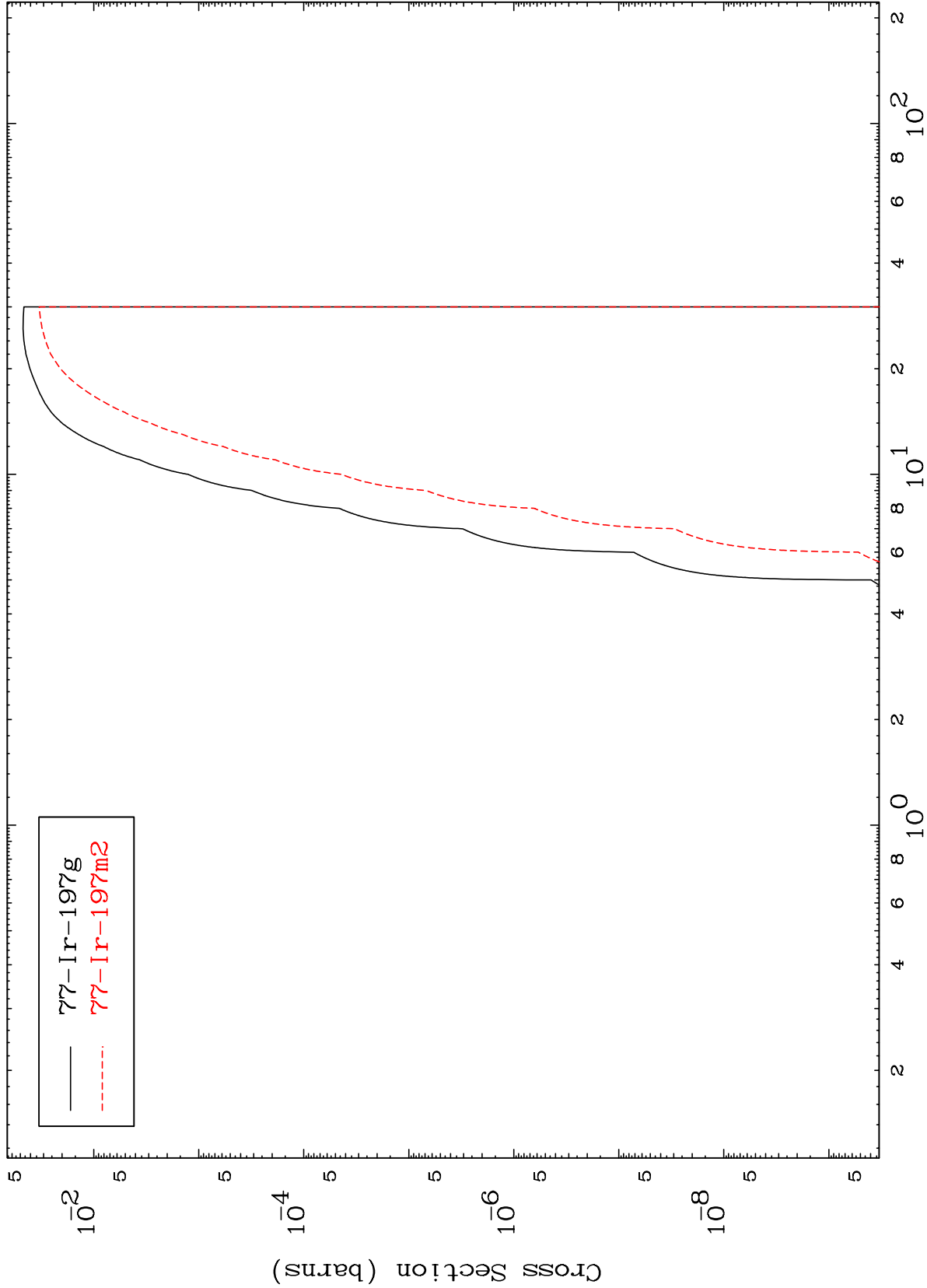
Radionuclide Production Cross Section



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77-Ir-197

(n,p)  
Radionuclide Production Cross Section



77-Ir-197

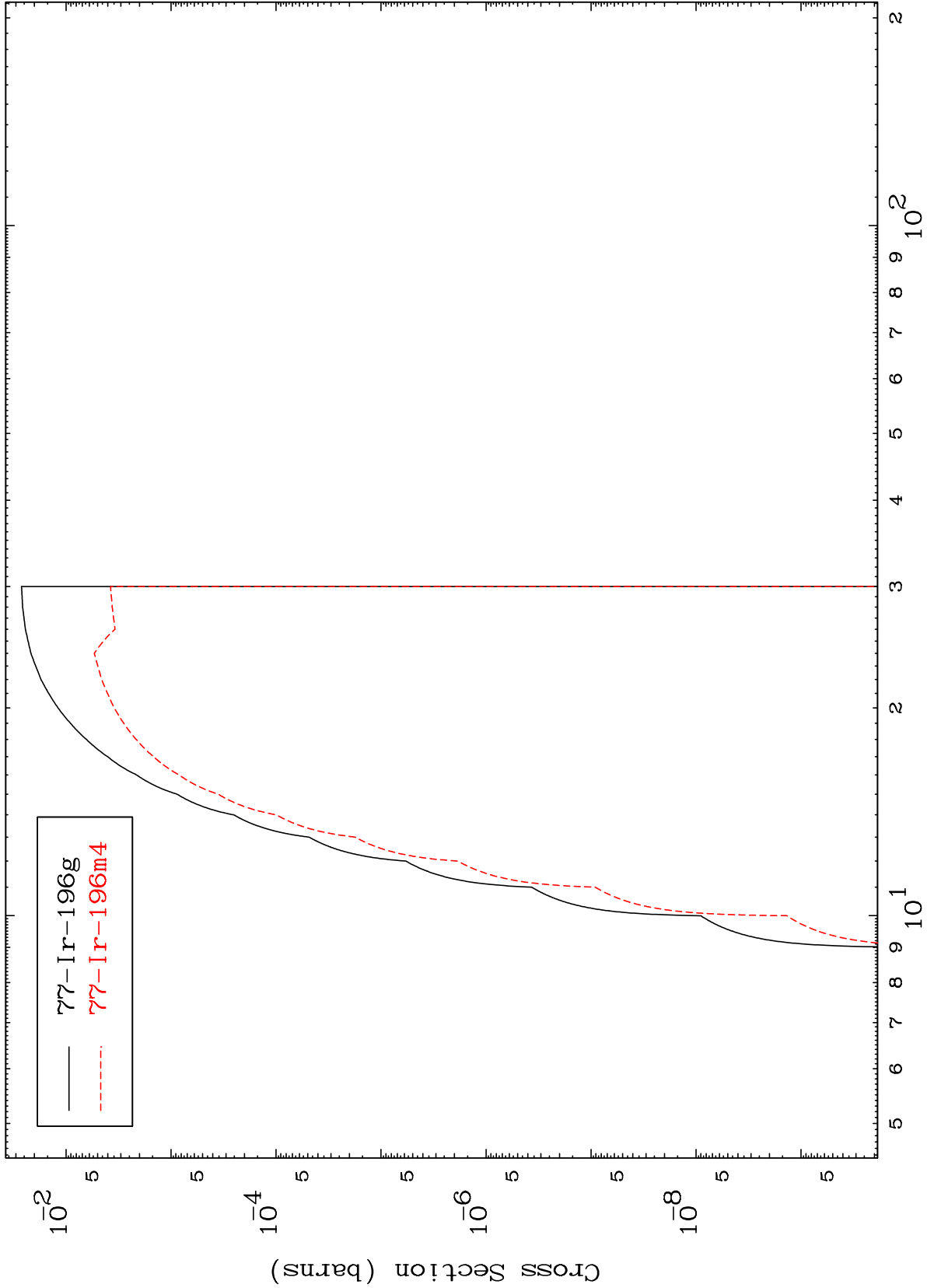
Incident Energy (MeV)

23

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<sup>77</sup>Ir-197

(n,d)  
Radionuclide Production Cross Section



<sup>77</sup>Ir-197

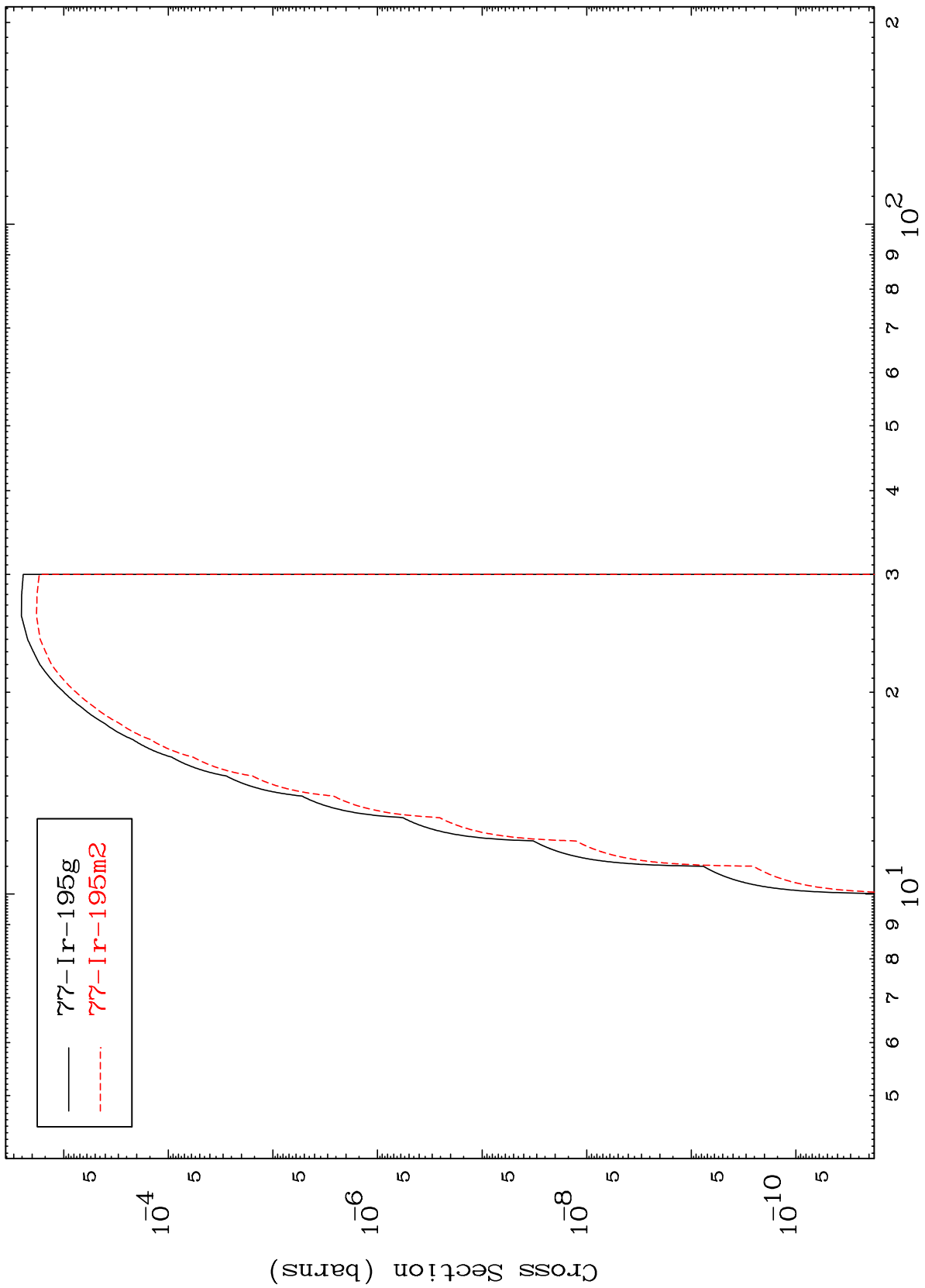
Incident Energy (MeV)

24

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77-Ir-197

(n, t)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

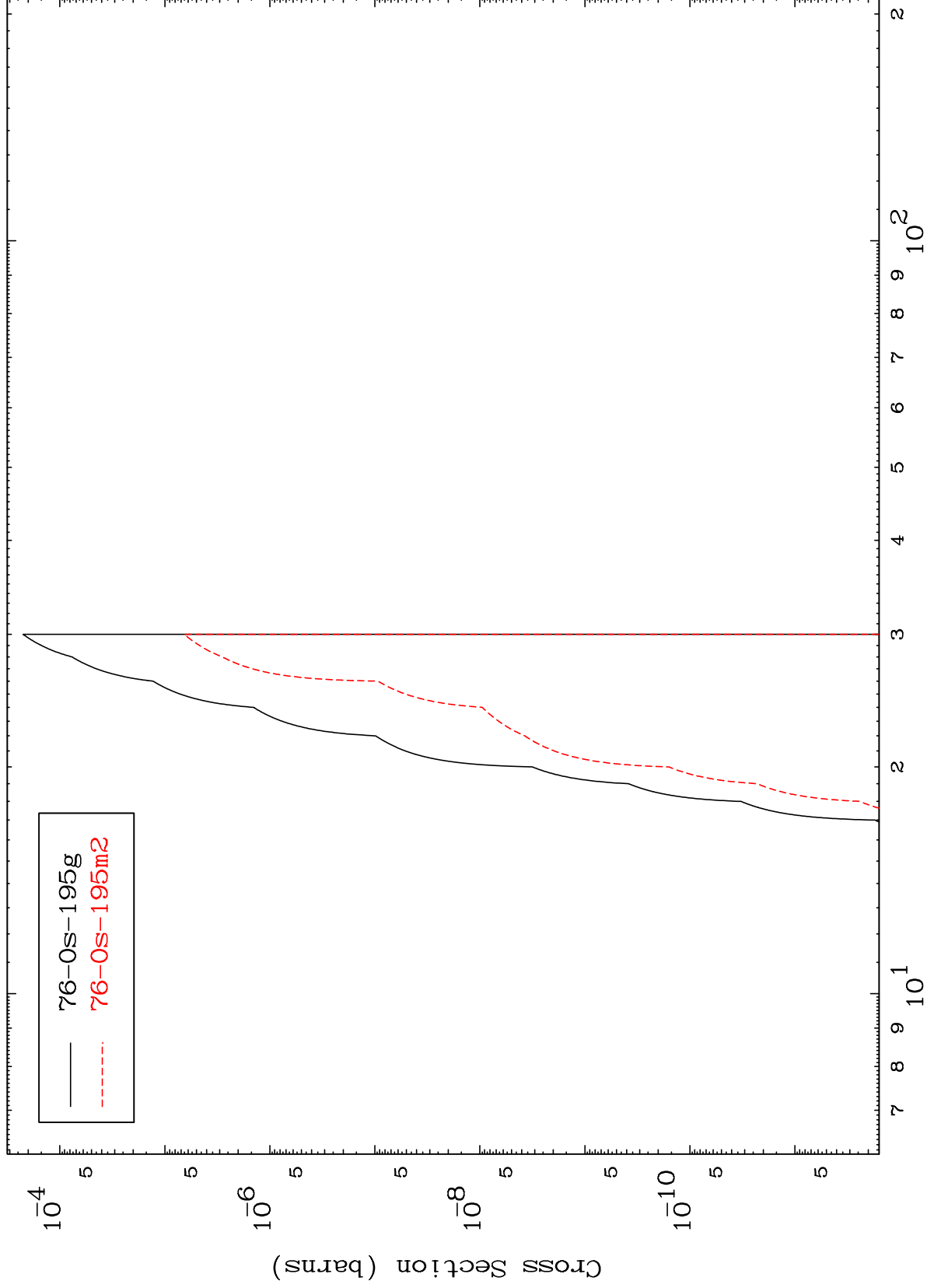
77-Ir-197

MAT 7743

(n,He-3)

77-Ir-197

Radionuclide Production Cross Section



26

77-Ir-197

77-Ir-197