

Program EVALPLOT  
(Version 2021-1)

by

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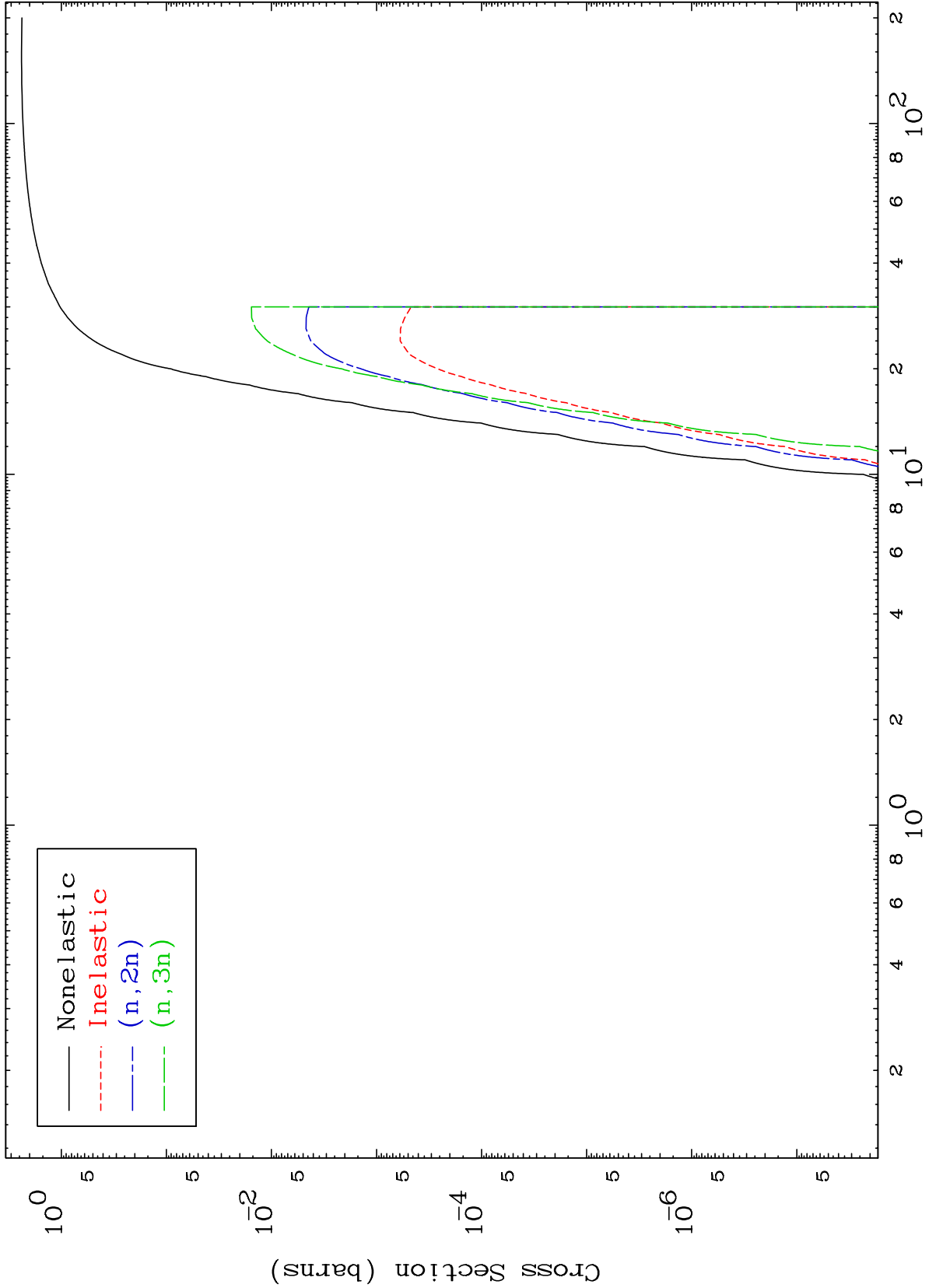
Press Mouse Button to Start

MAT 7734

He-3 Major

0 Kelvin Cross Sections

77-Ir-194

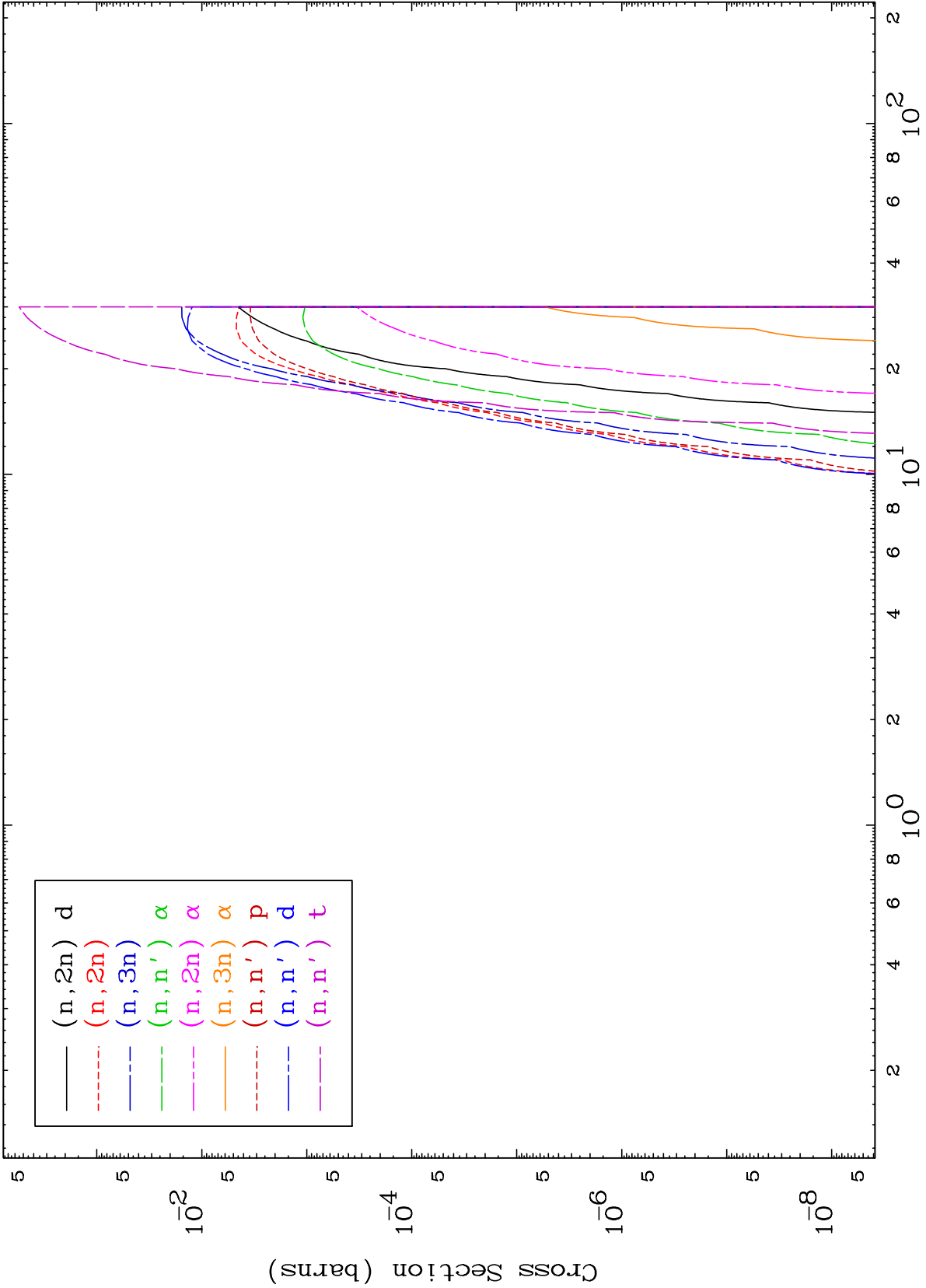


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, 3n)

MAT 7734

He-3 Neutron Absorption  
0 Kelvin Cross Sections

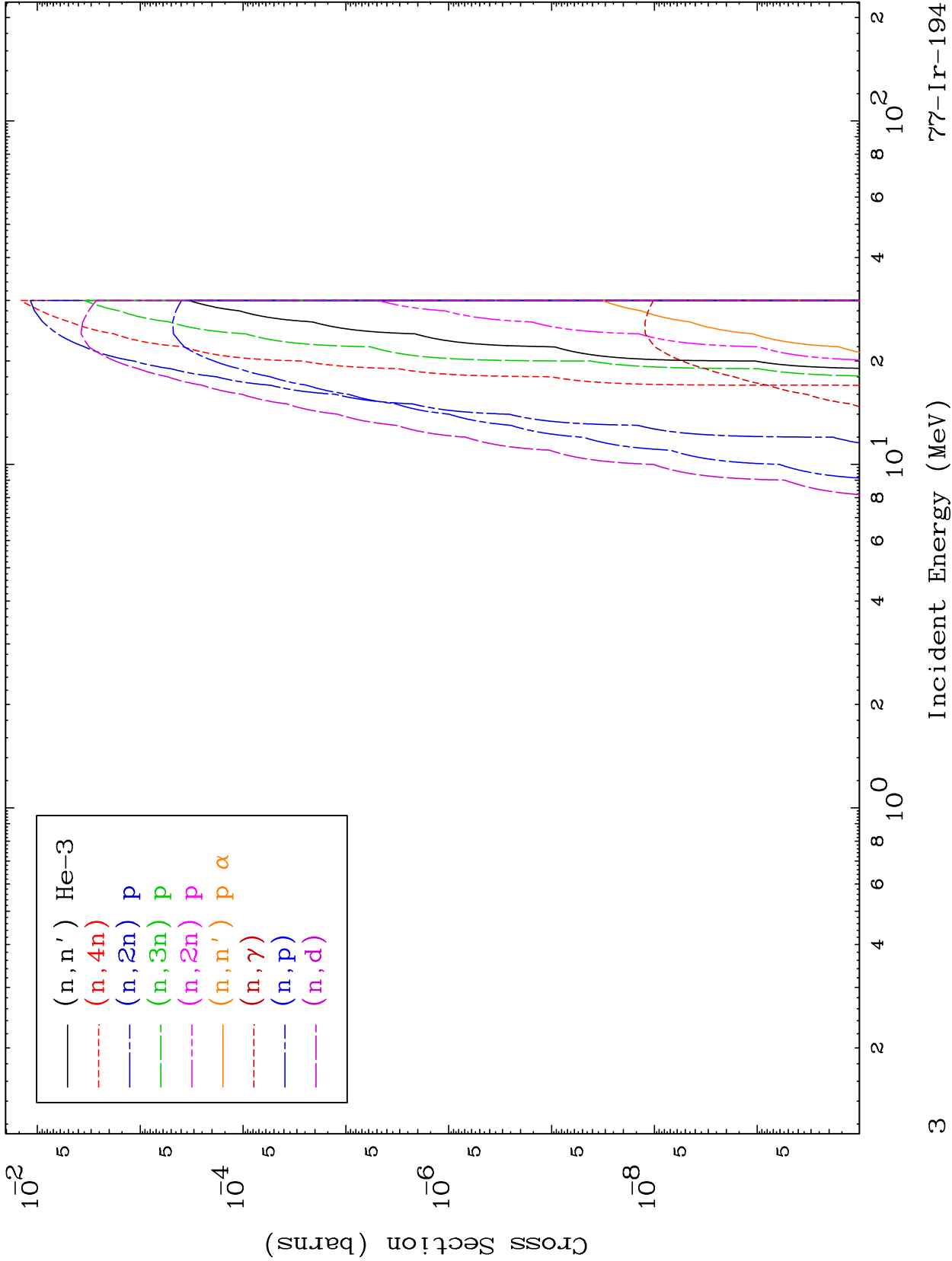
77-Ir-194



MAT 7734

He-3 Neutron Absorption  
0 Kelvin Cross Sections

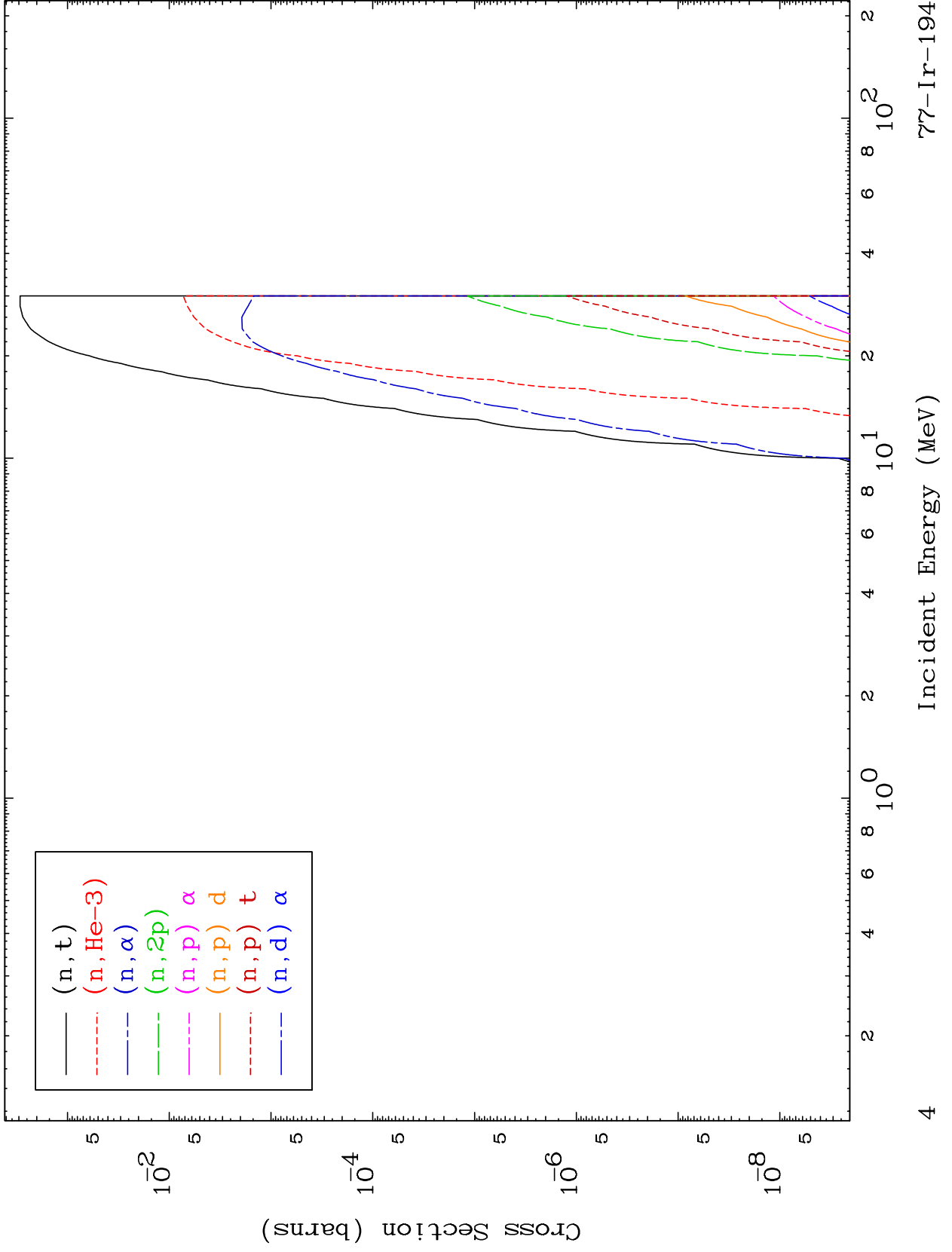
77-Ir-194



MAT 7734

He-3 Neutron Absorption  
0 Kelvin Cross Sections

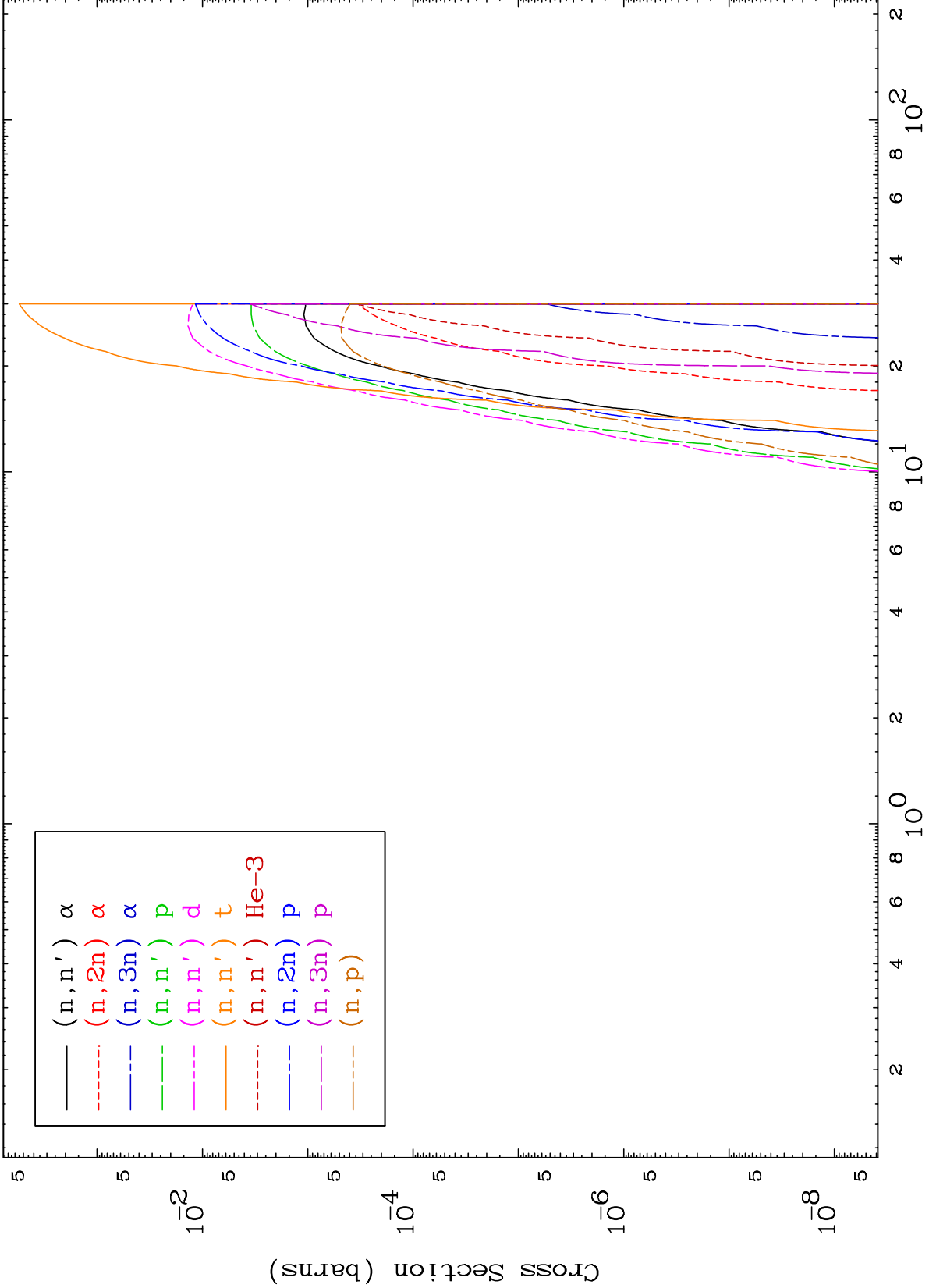
77-Ir-194



MAT 7734

He-3 Charged Particle  
0 Kelvin Cross Sections

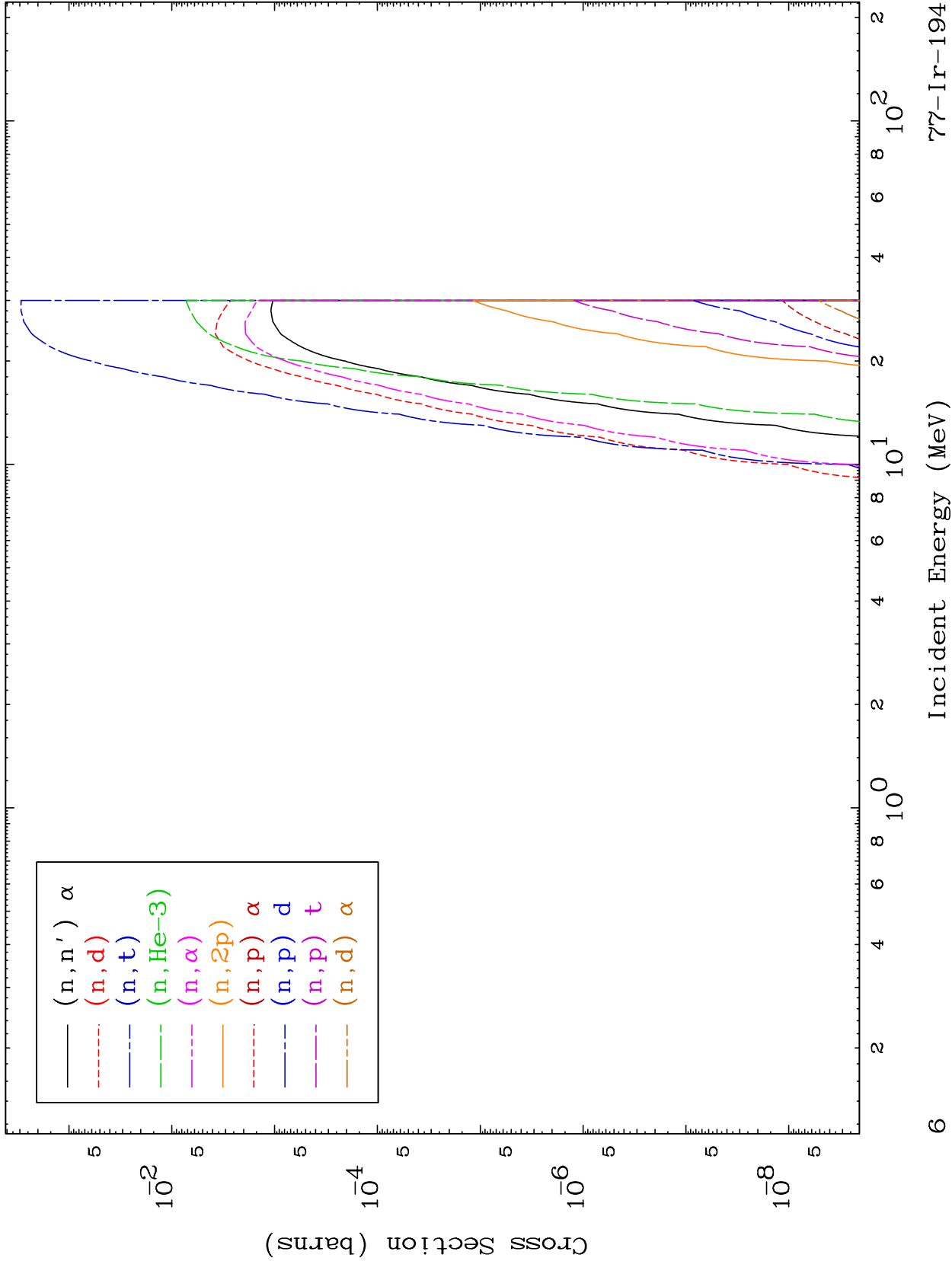
77-Ir-194



5

Incident Energy (MeV)

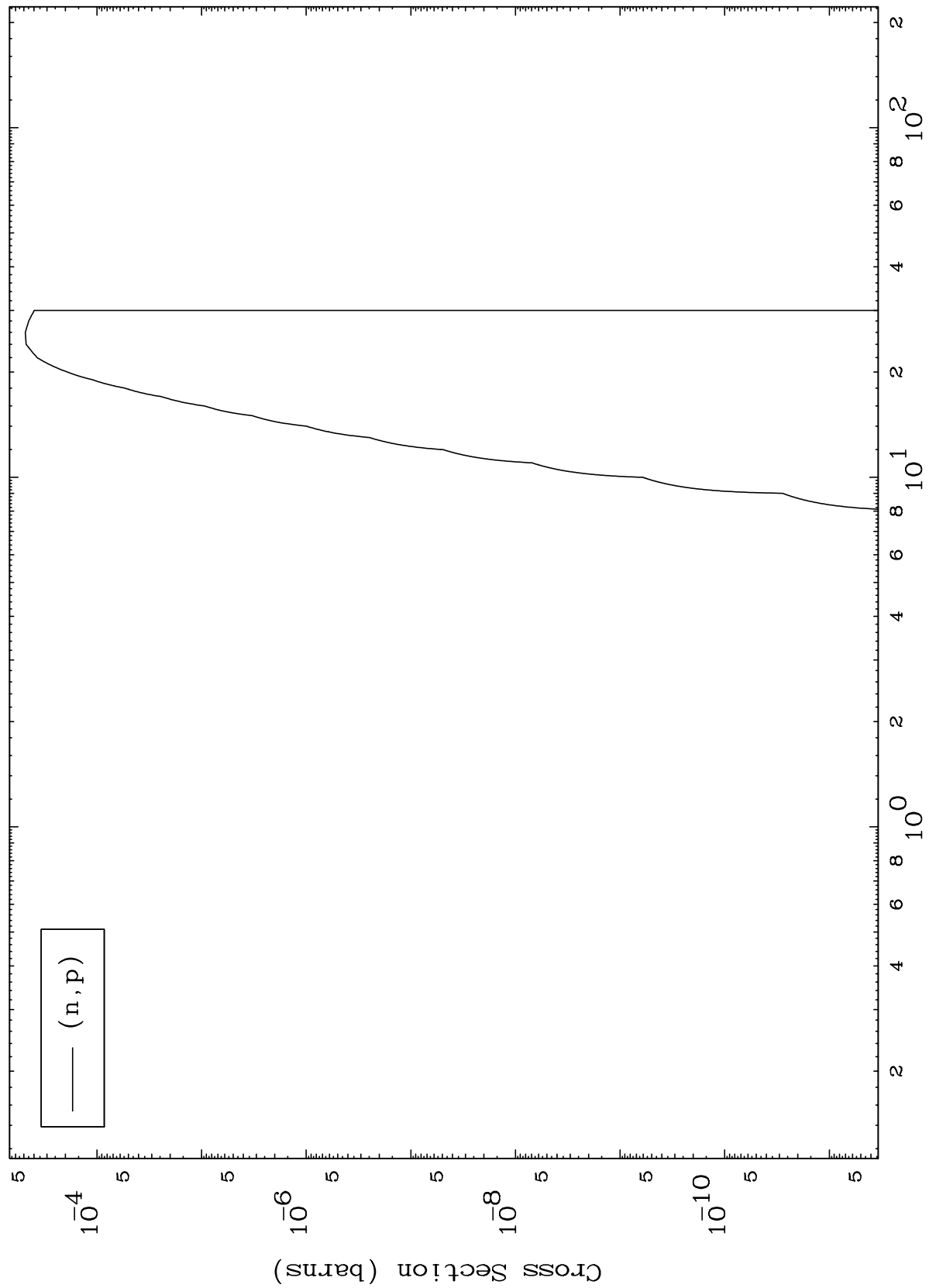
77-Ir-194



MAT 7734

77-Ir-194

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

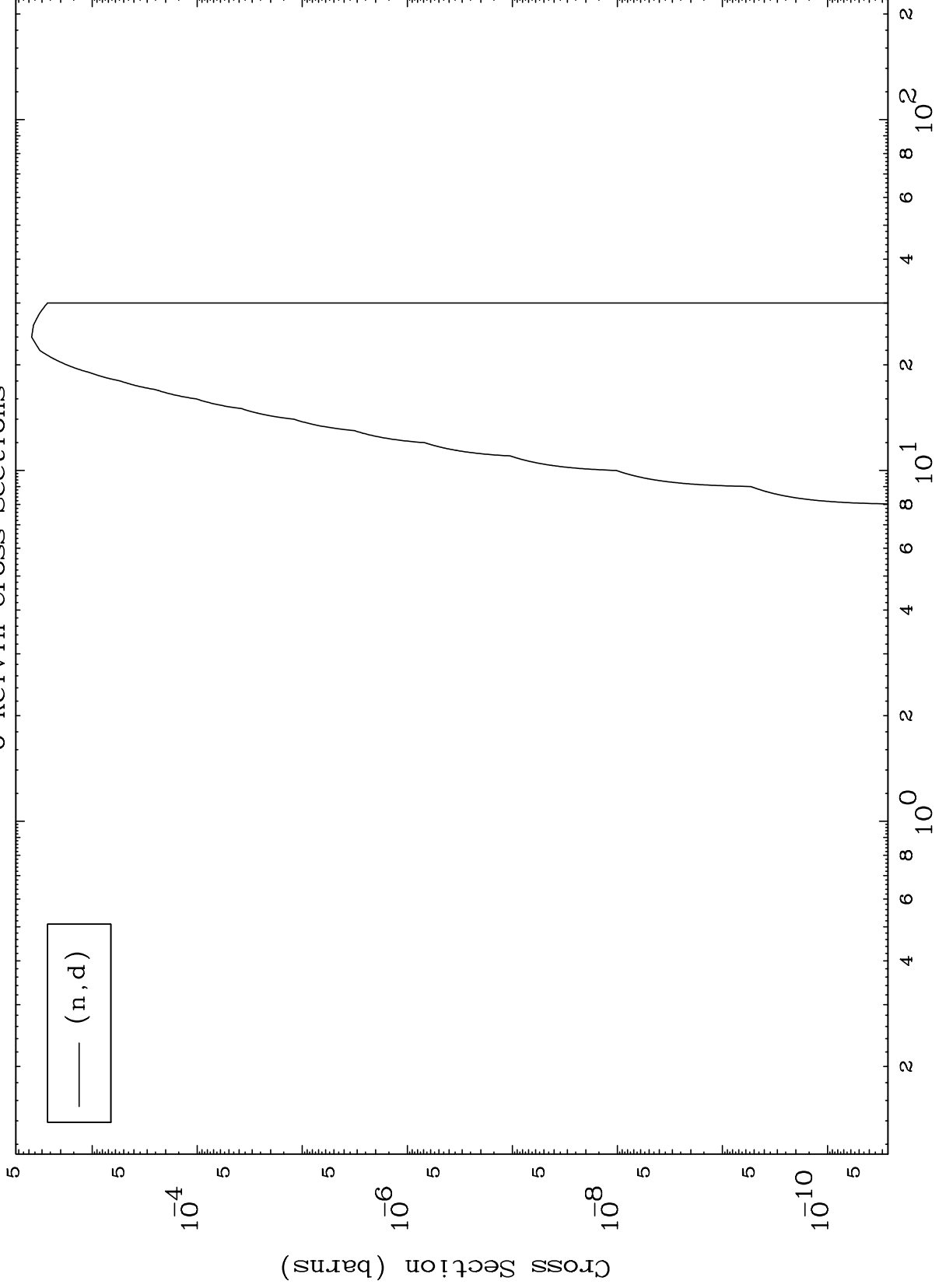


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(He-3,d) Levels

77-Ir-194

0 Kelvin Cross Sections

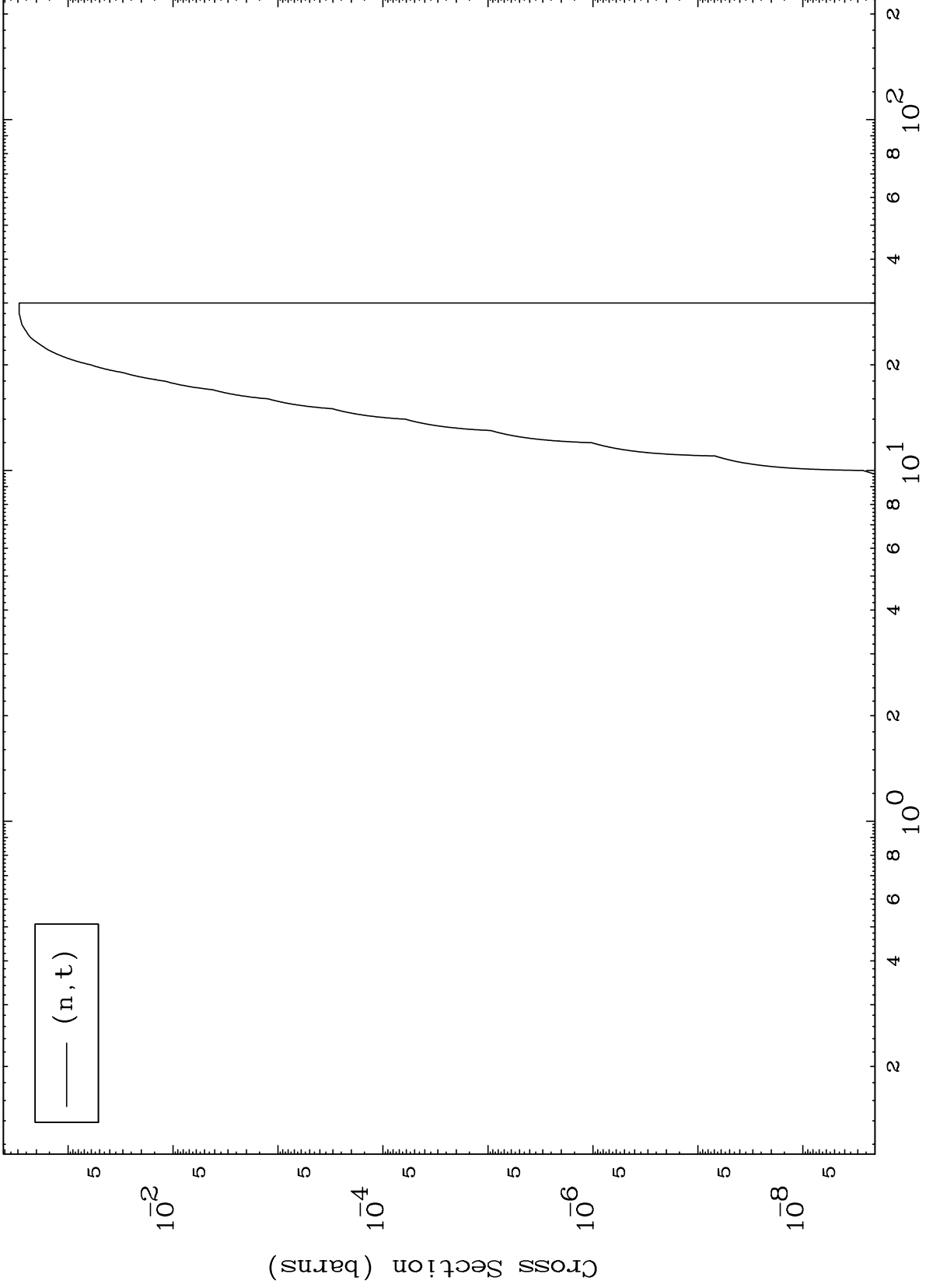


MAT 7734

(He-3,t) Levels

77-Ir-194

0 Kelvin Cross Sections

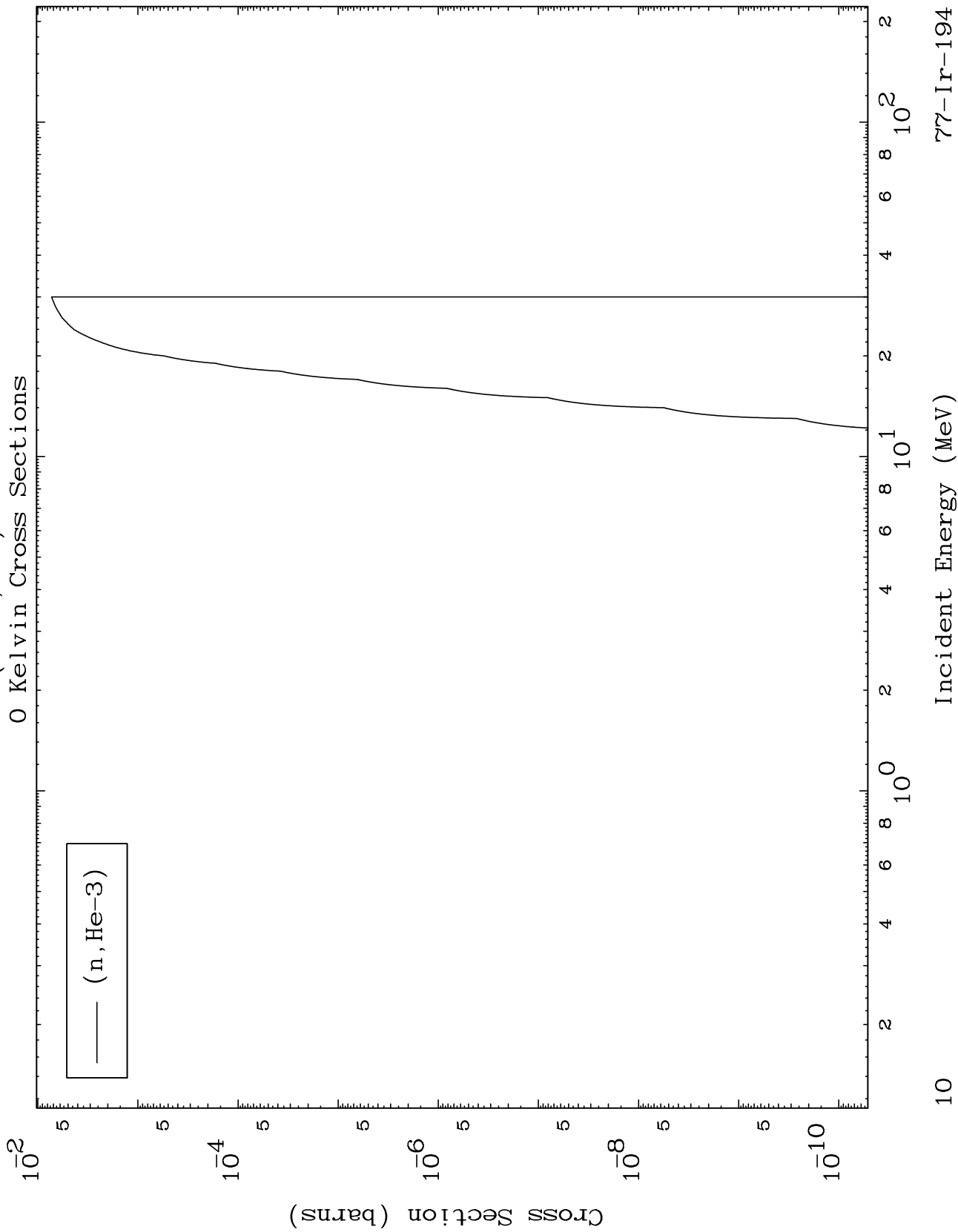


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(He-3, He3) Levels

77-Ir-194

0 Kelvin Cross Sections



10

Incident Energy (MeV)

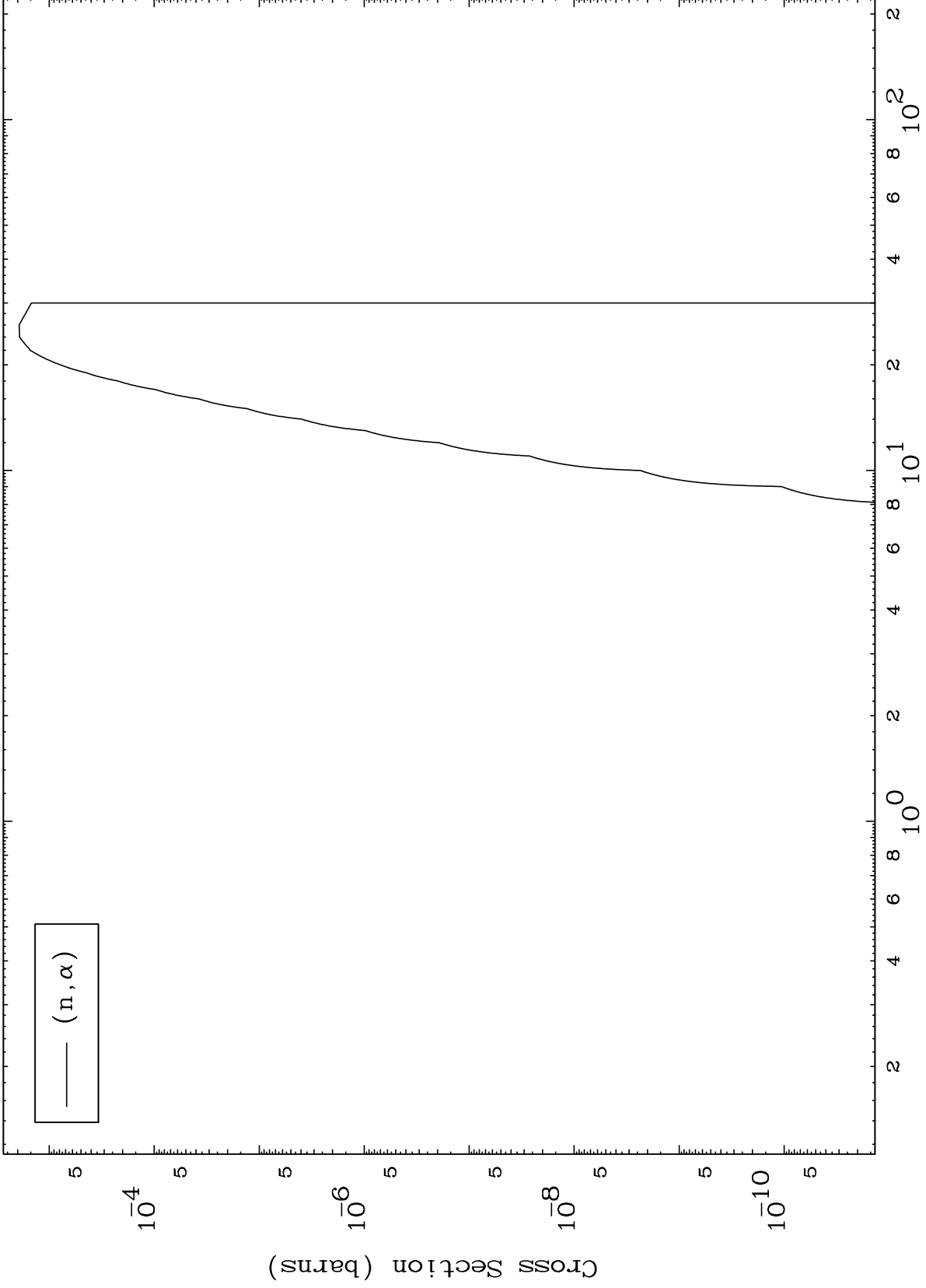
77-Ir-194

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(He-3,  $\alpha$ ) Levels

77-Ir-194

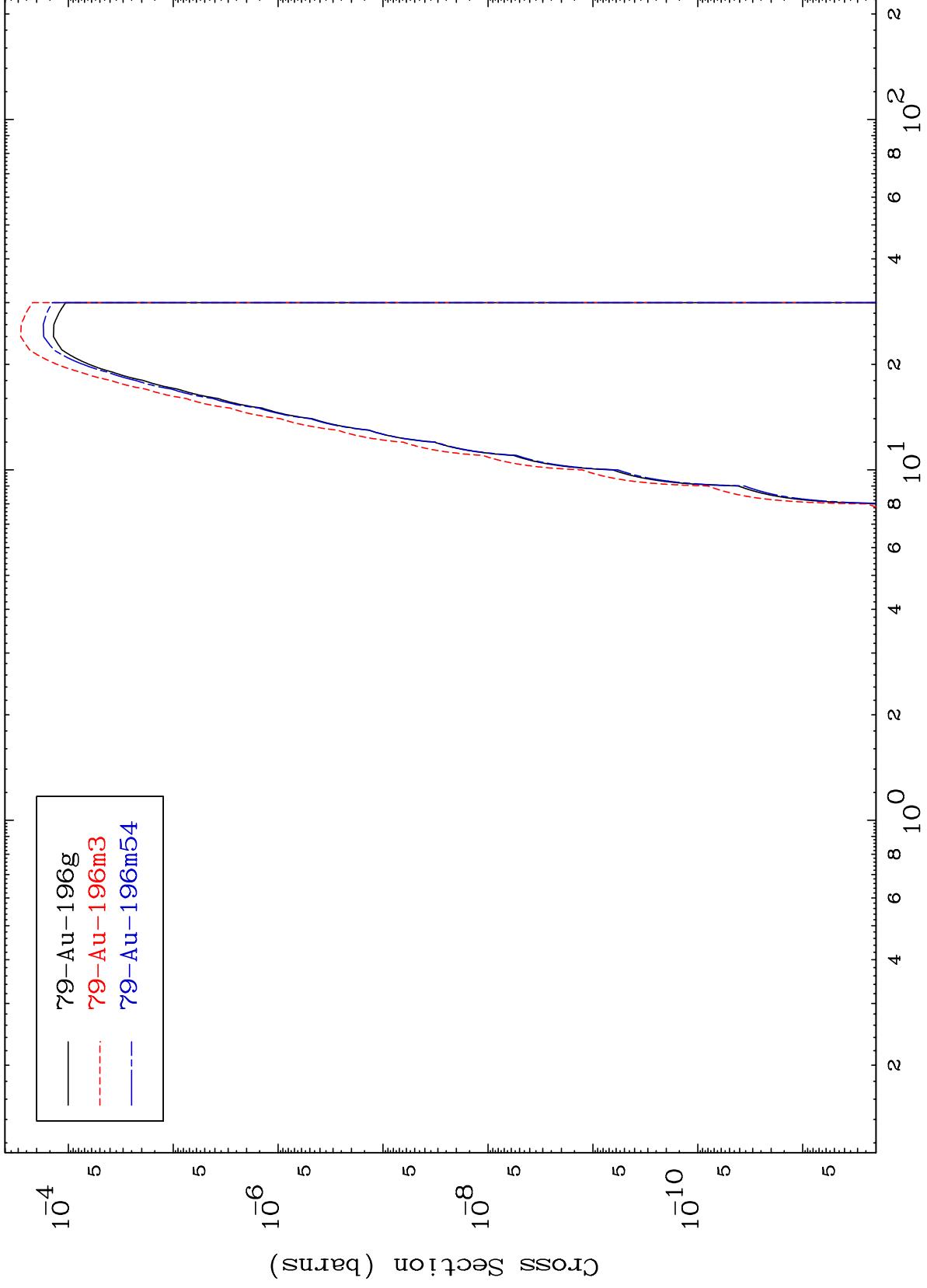
0 Kelvin Cross Sections



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77-Ir-194

Inelastic  
Radionuclide Production Cross Section

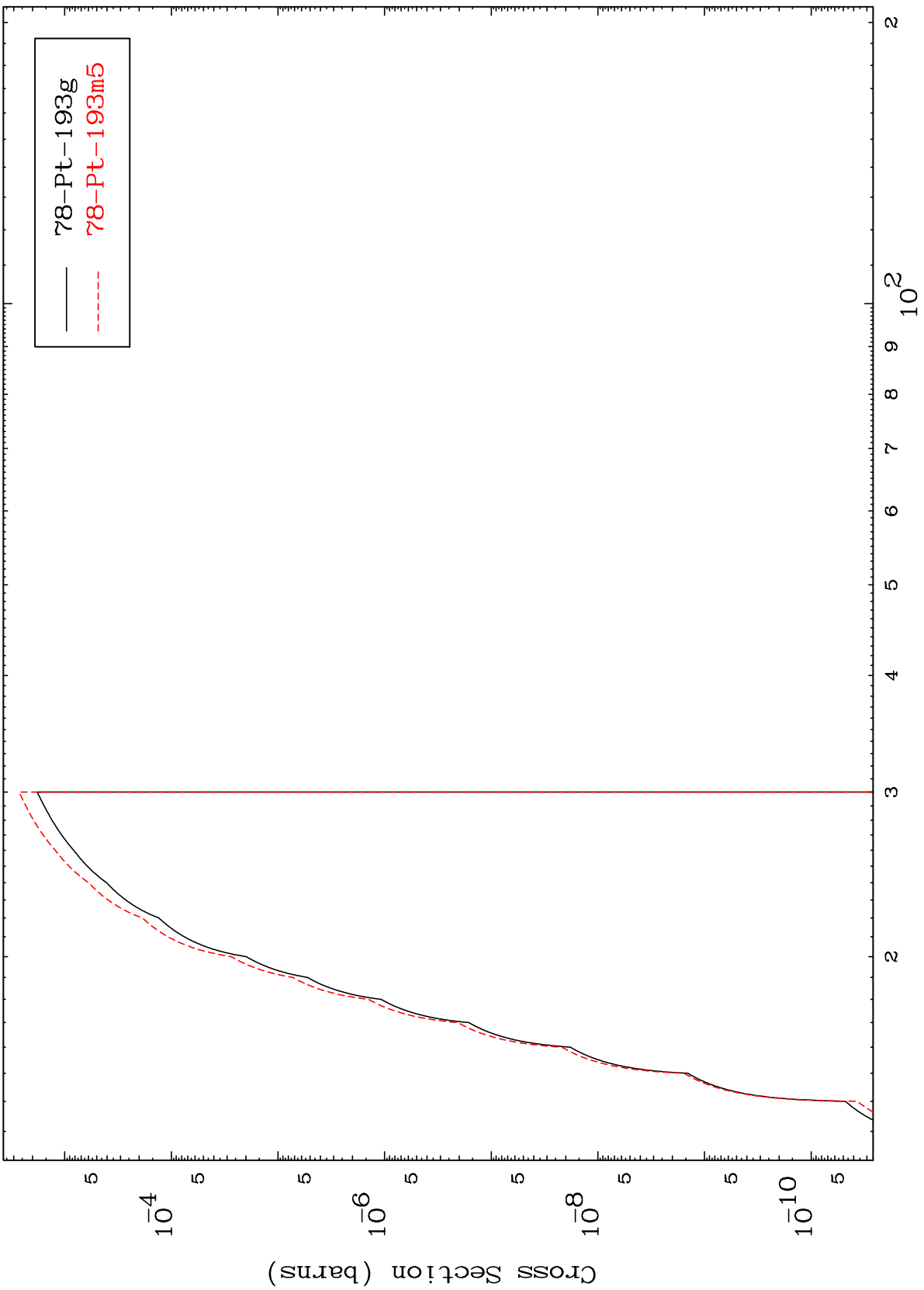


12

77-Ir-194

Incident Energy (MeV)

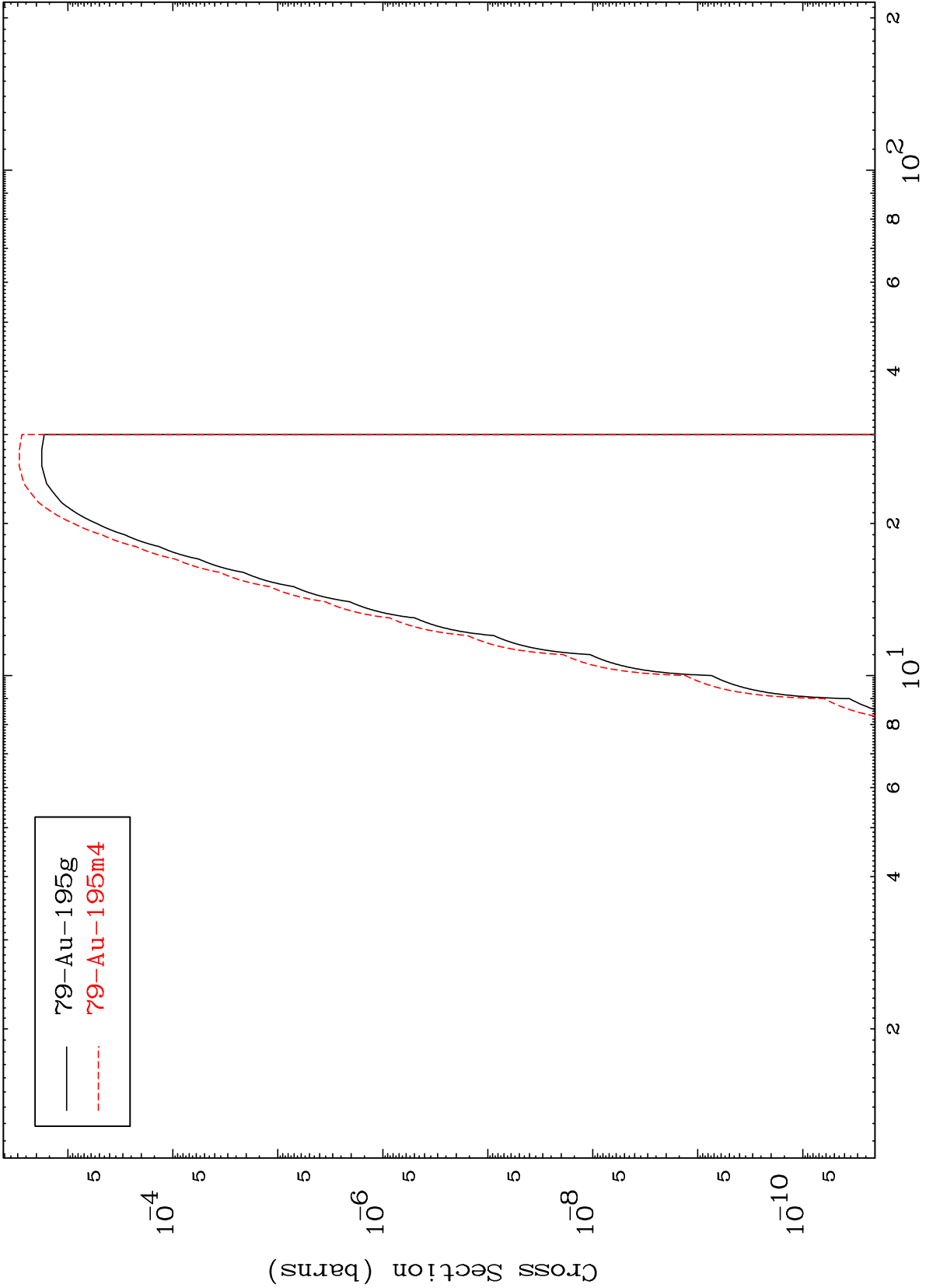
Radionuclide Production Cross Section



MAT 7734

77-Ir-194

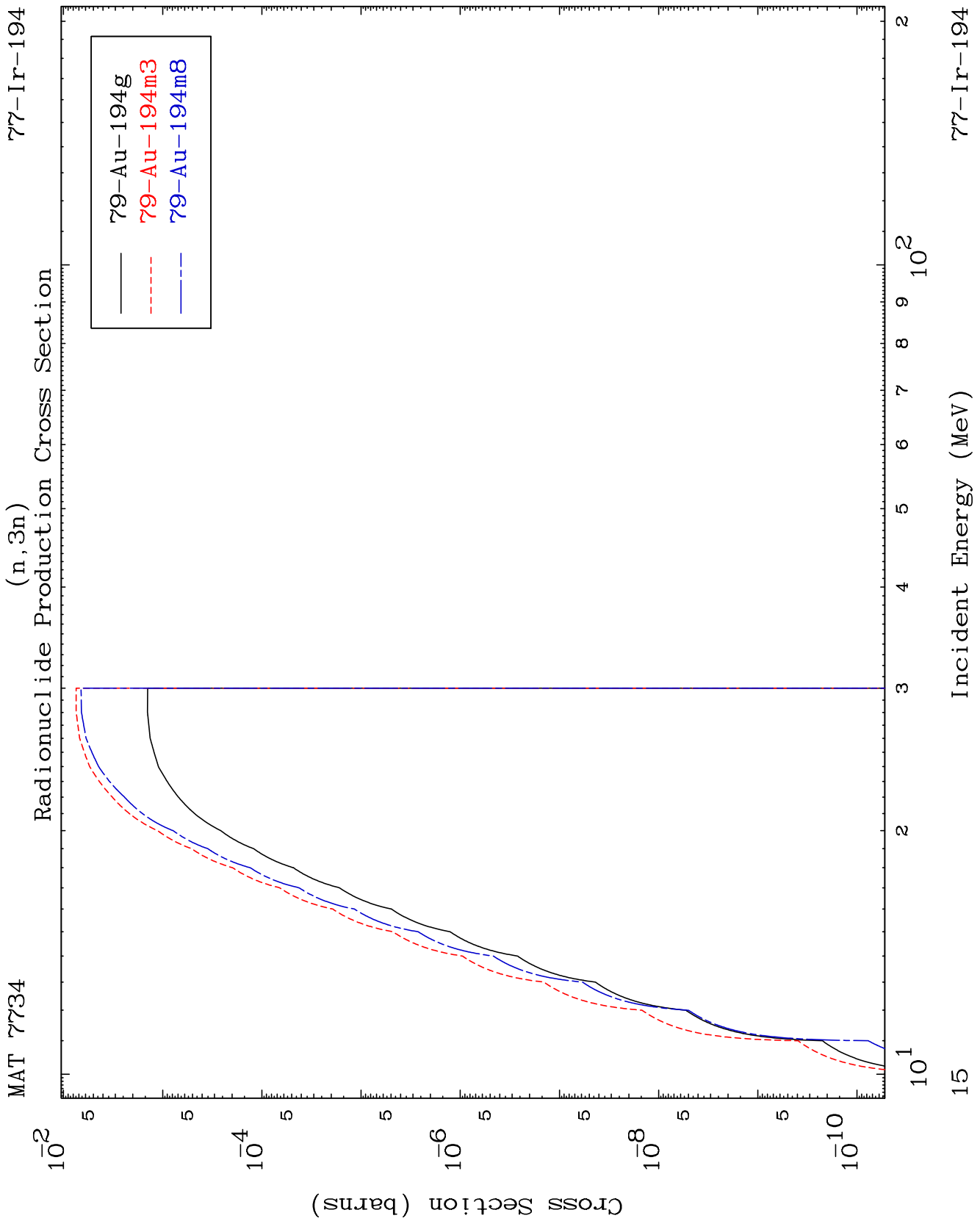
(n,2n)  
Radionuclide Production Cross Section



77-Ir-194

Incident Energy (MeV)

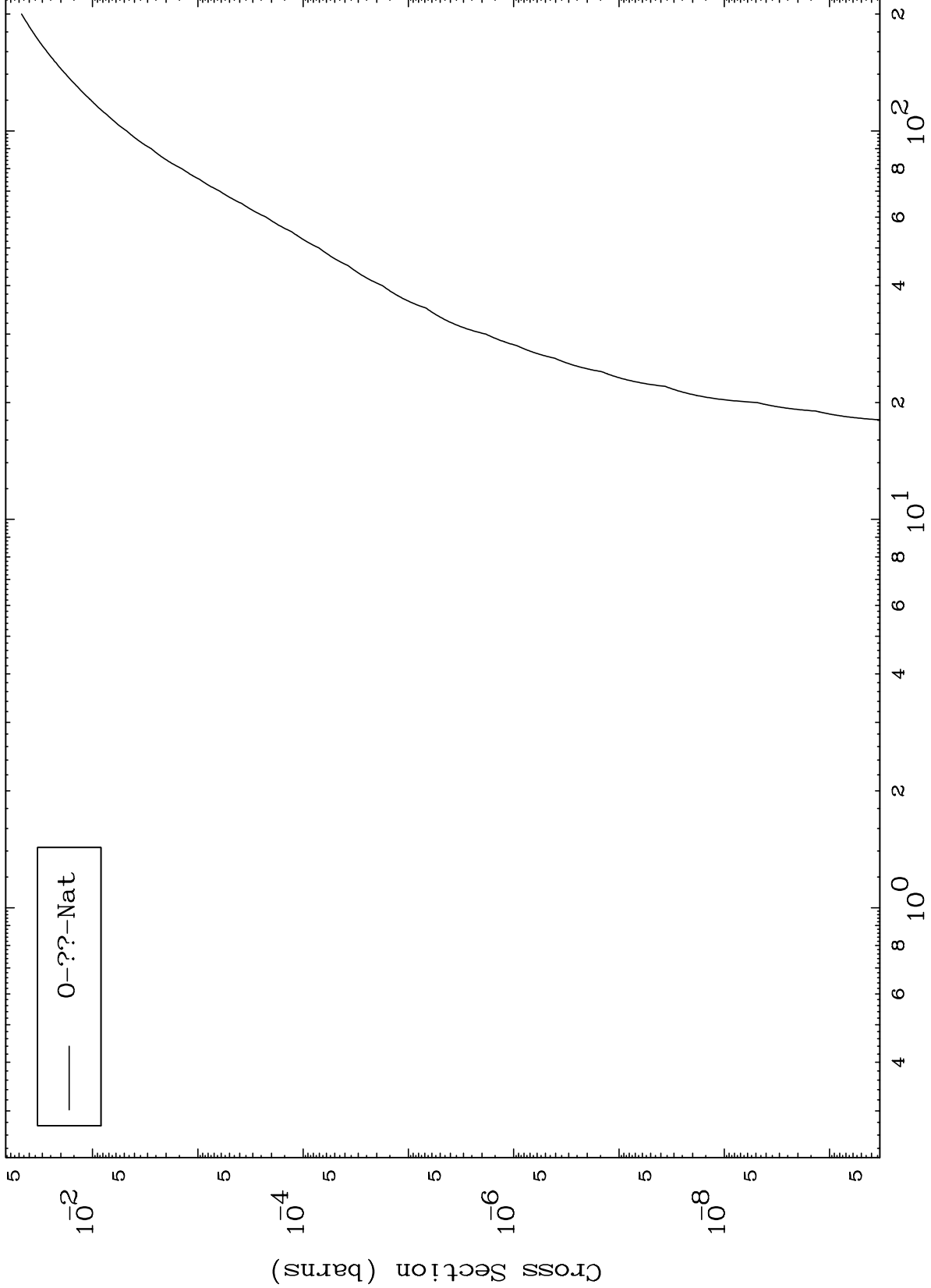
14



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Fission  
Radionuclide Production Cross Section

<sup>77</sup>Ir-194

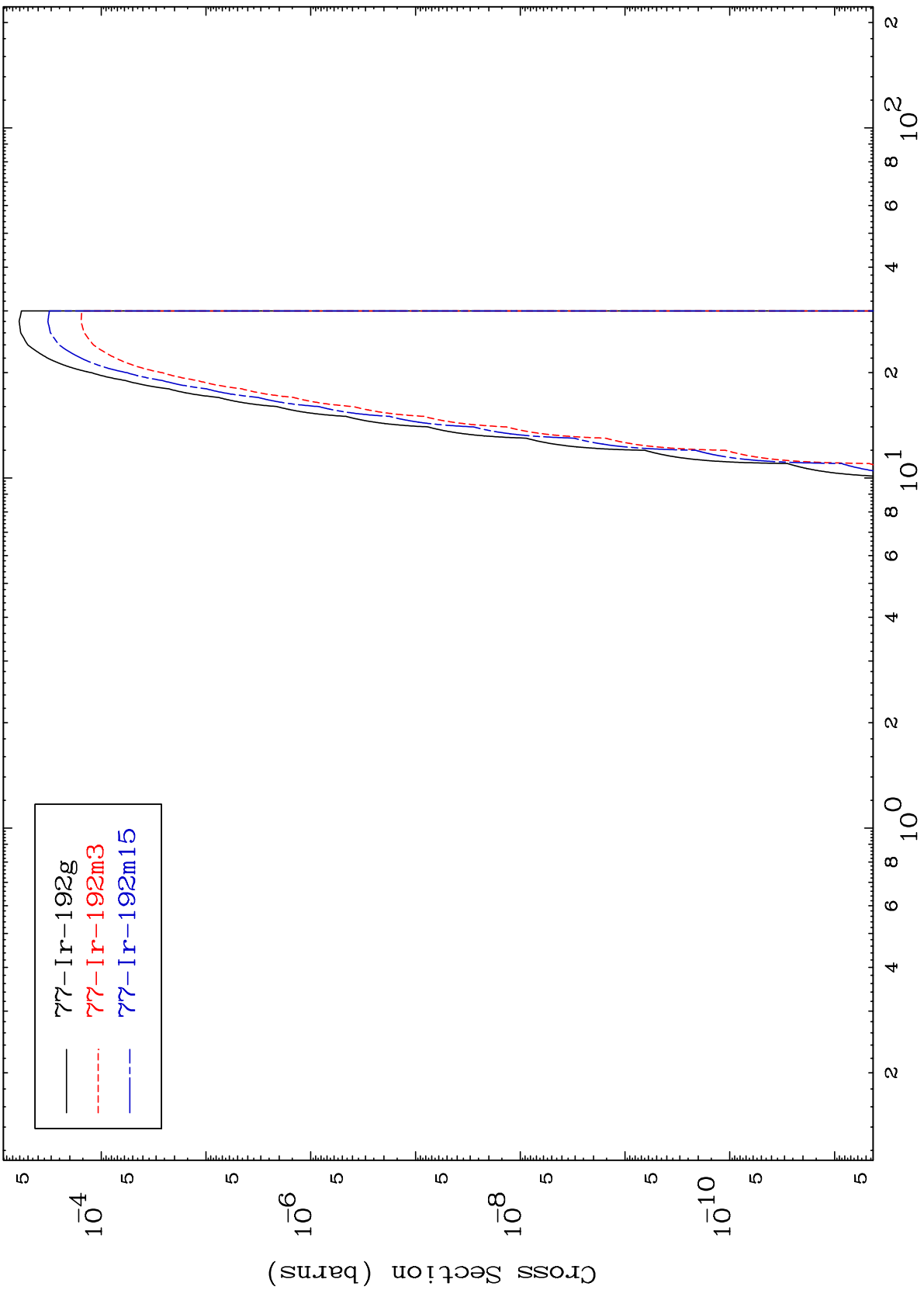


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$(n, n') \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section

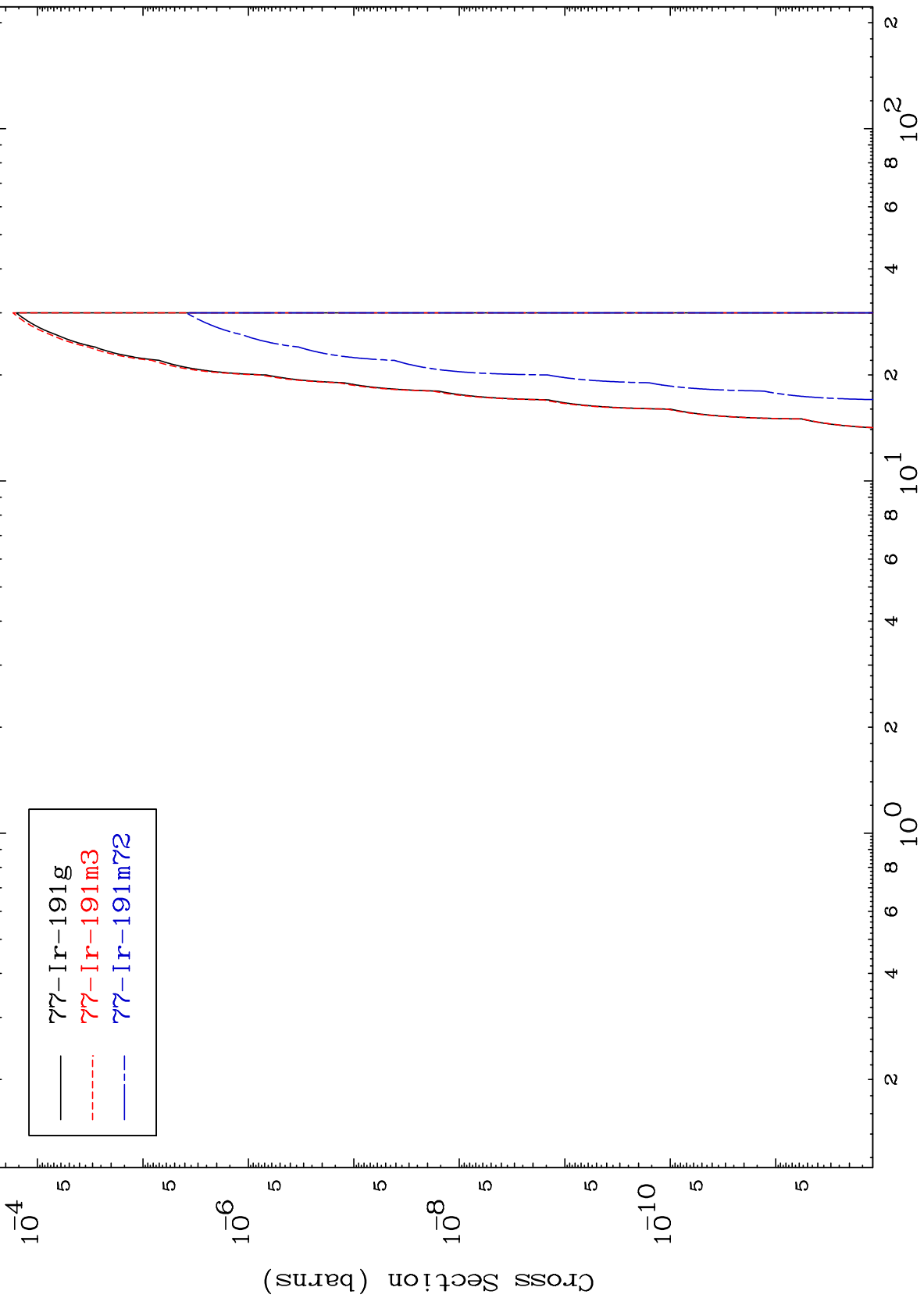


MAT 7734

$(n,2n) \alpha$

$^{77}\text{Ir-194}$

Radionuclide Production Cross Section

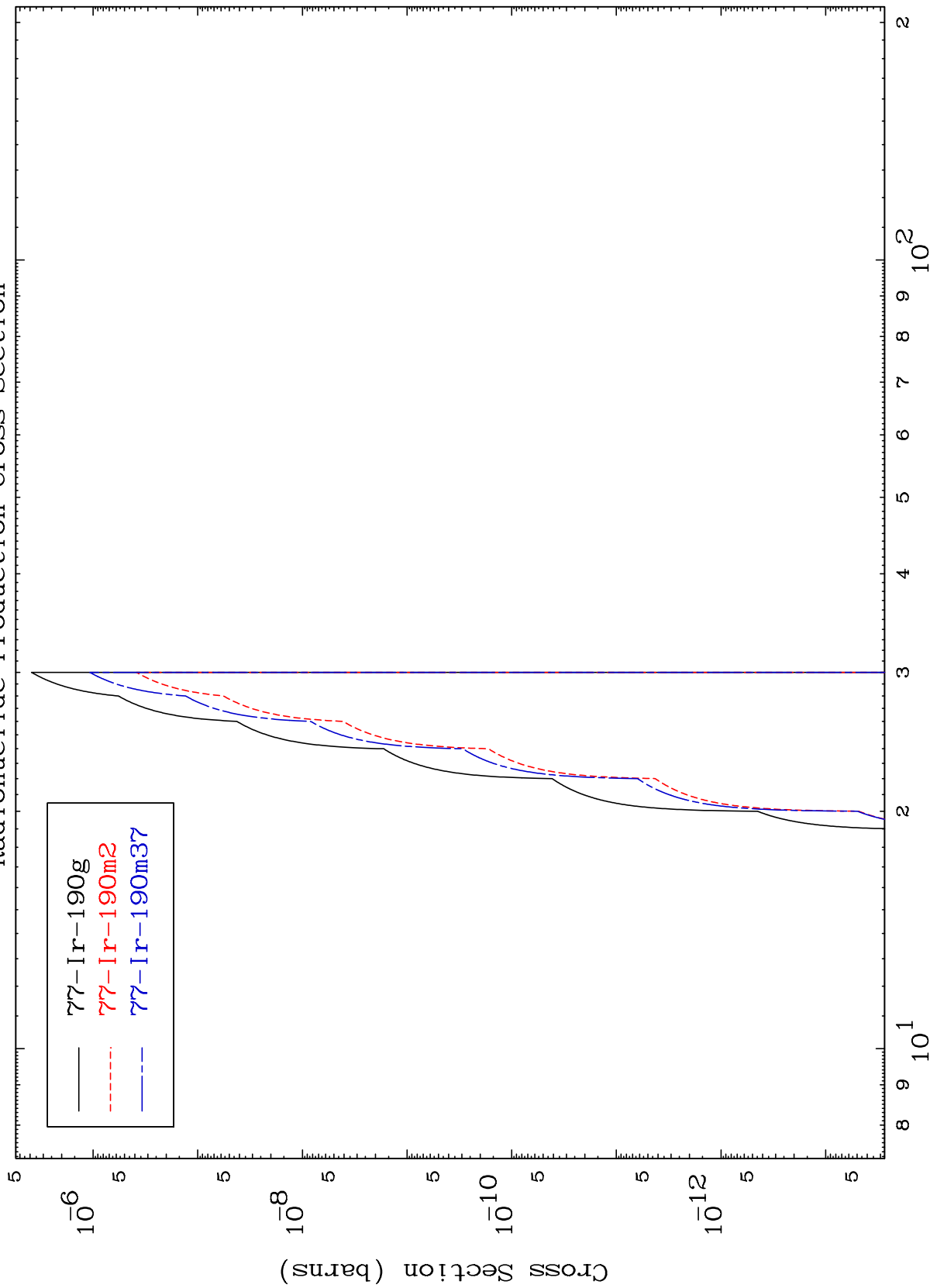


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<sup>77</sup>Ir-194

(n,3n) α

Radionuclide Production Cross Section



<sup>77</sup>Ir-194

Incident Energy (MeV)

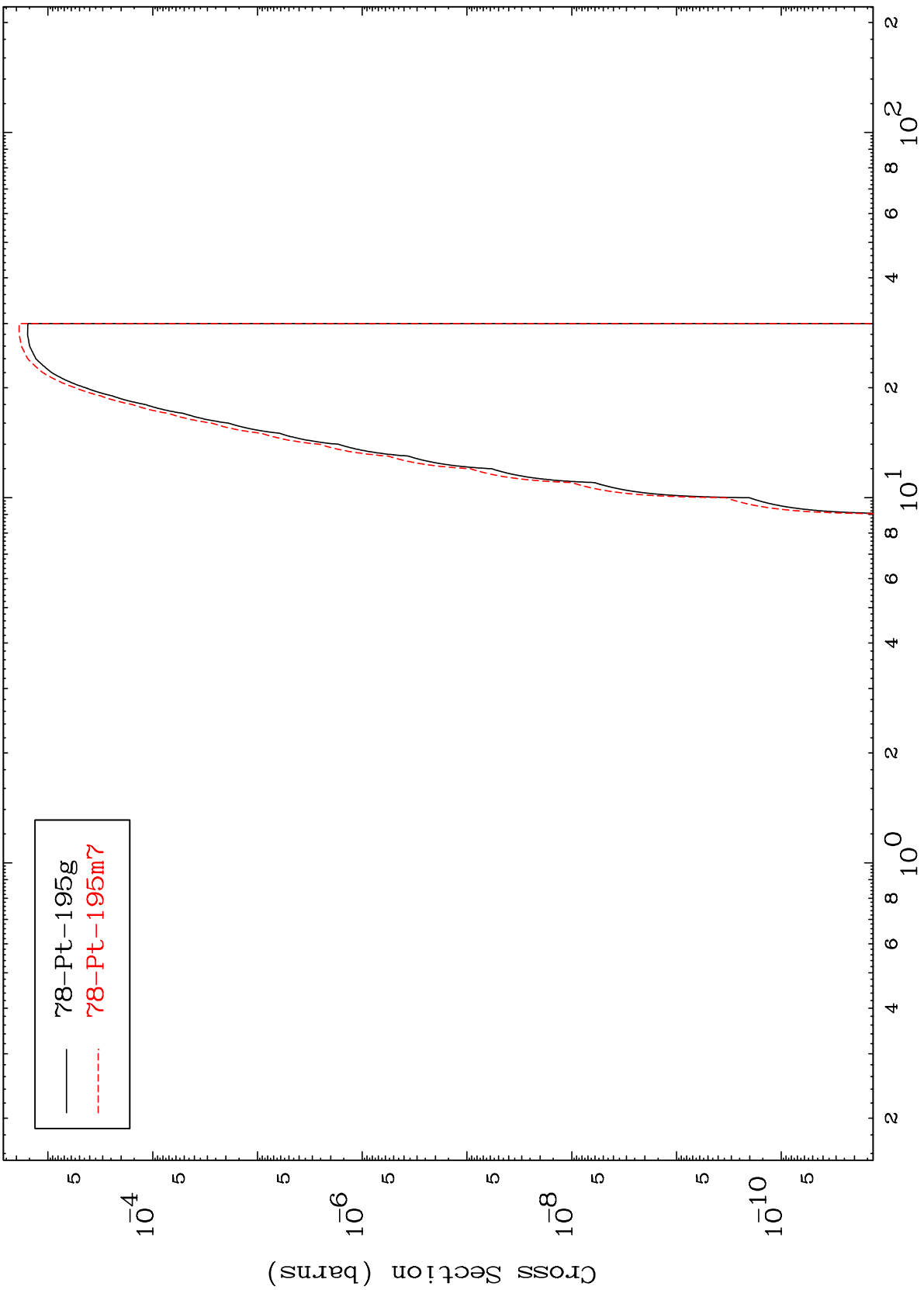
19

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(n,n') p

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

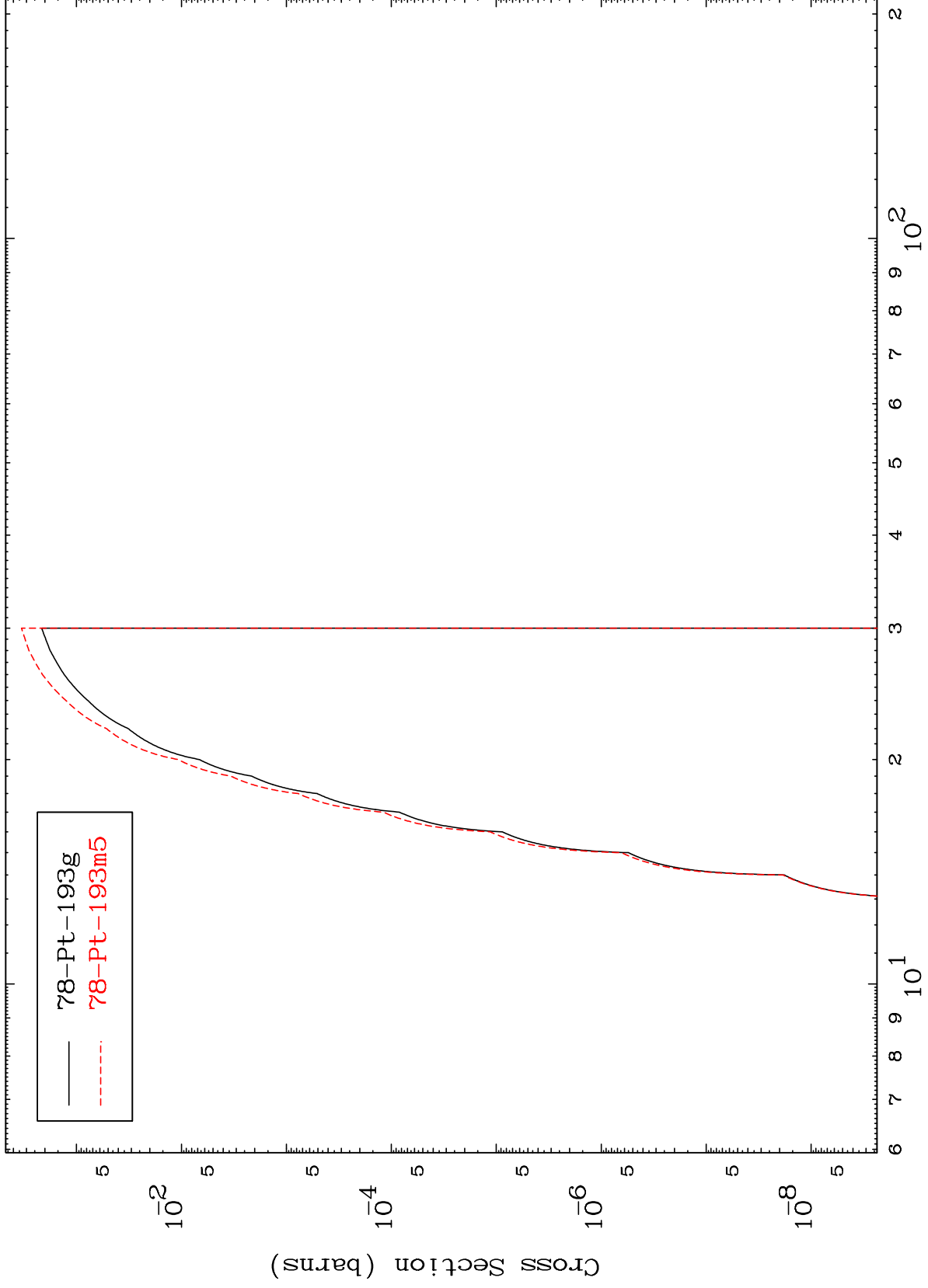
<sup>77</sup>Ir-194

MAT 7734

(n,n') t

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



21

Incident Energy (MeV)

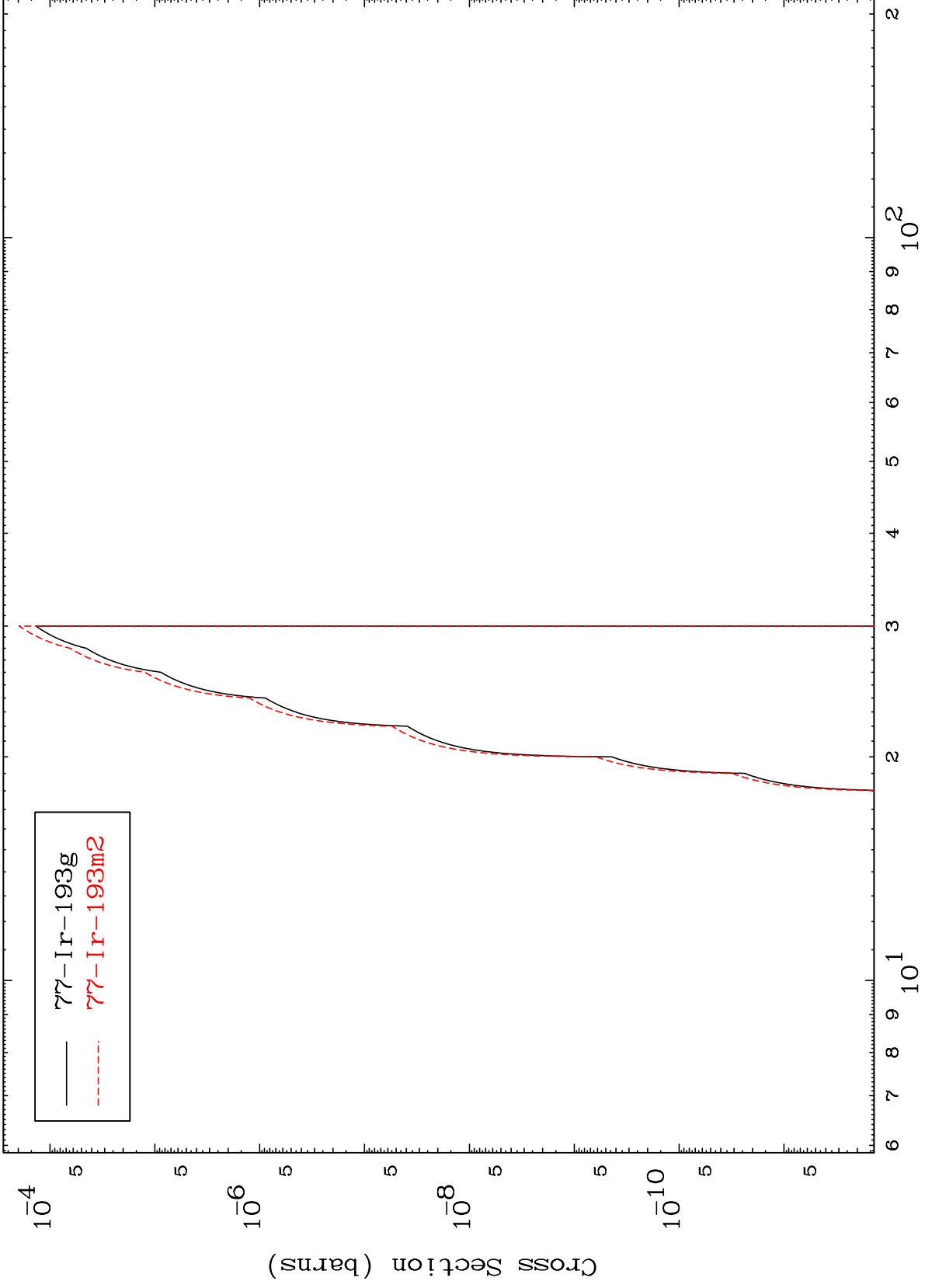
<sup>77</sup>Ir-194

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(n,n') He-3

77-Ir-194

Radionuclide Production Cross Section



22

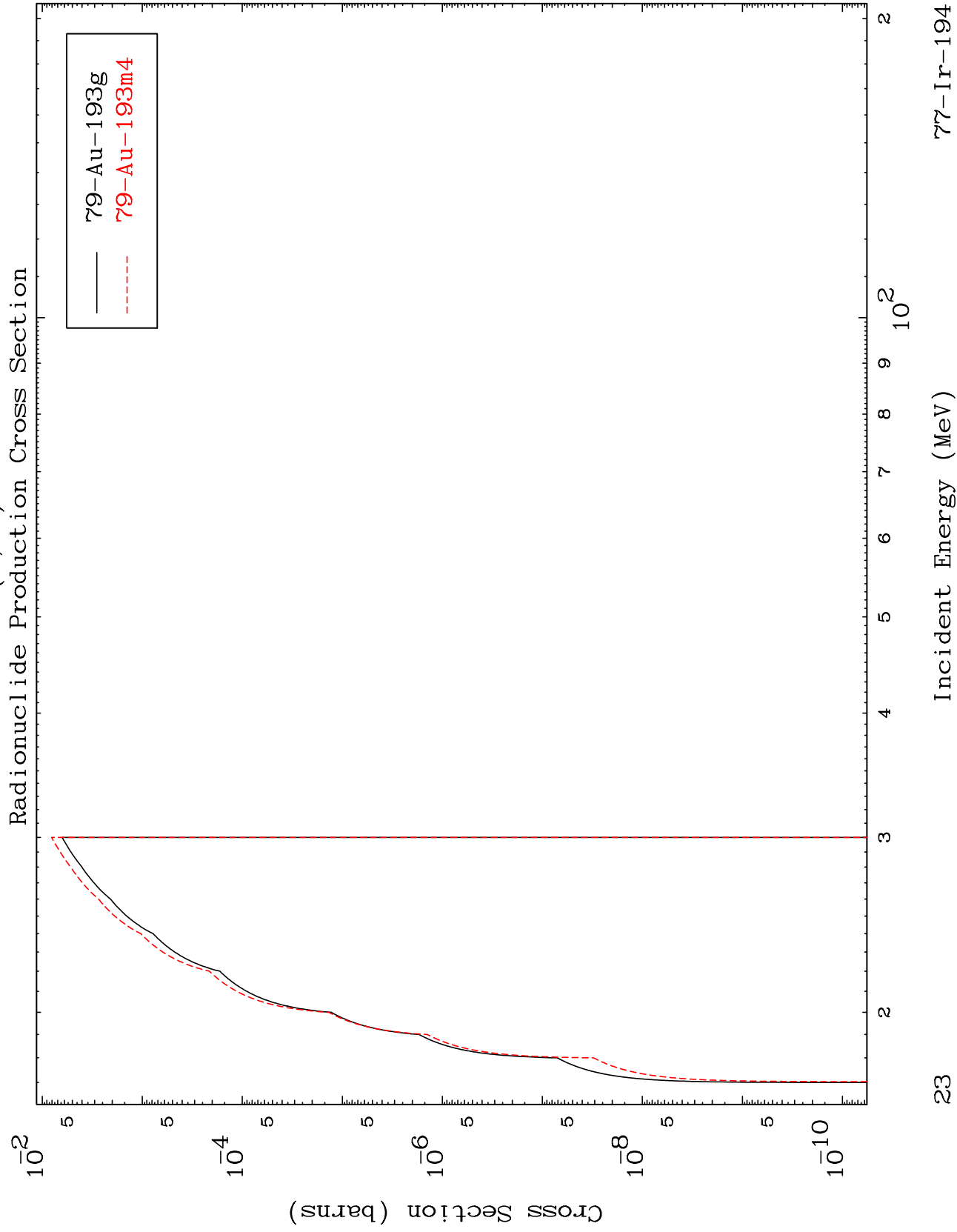
Incident Energy (MeV)

77-Ir-194

MAT 7734

(n,4n)

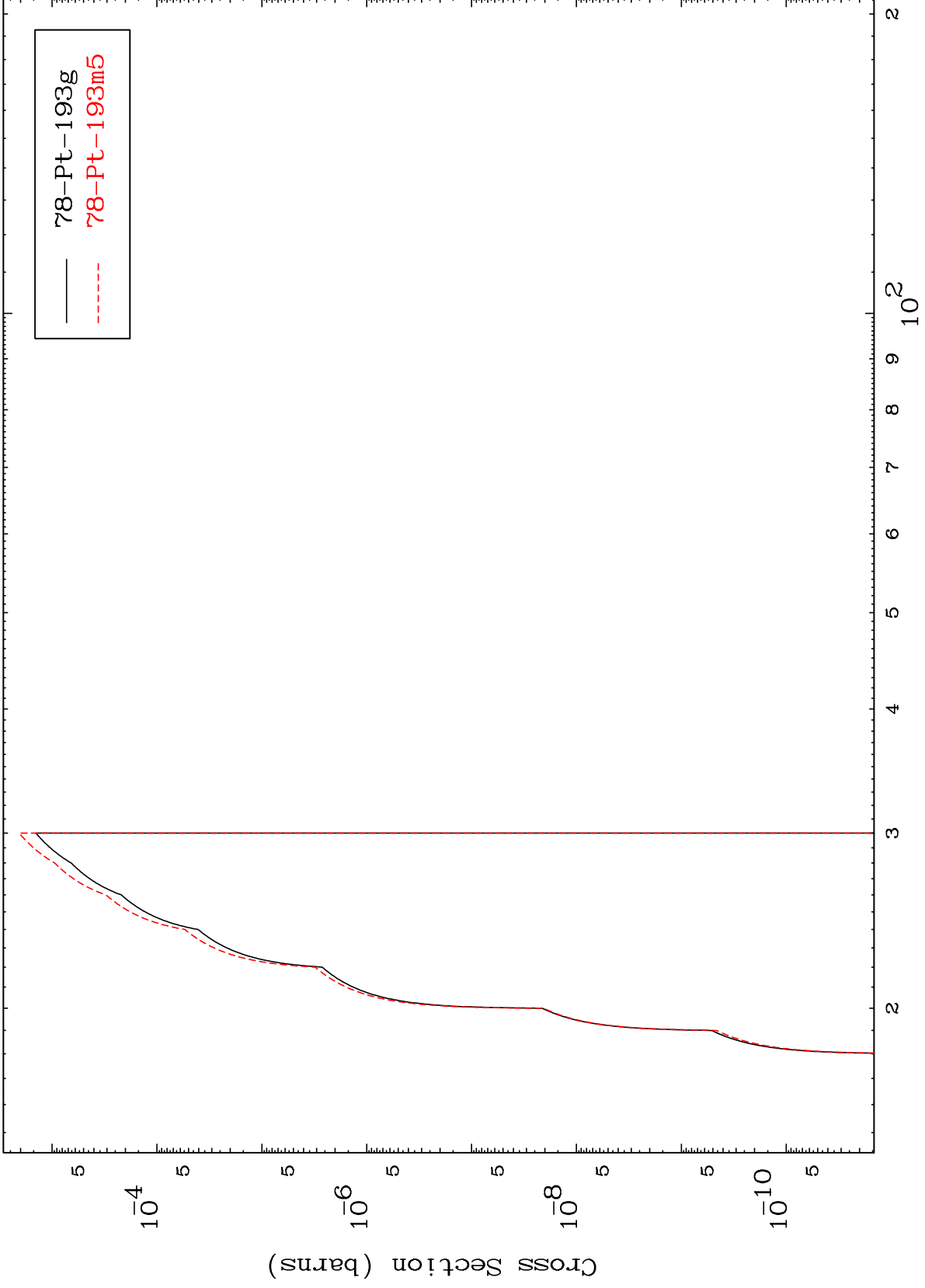
77-Ir-194



23

77-Ir-194

Radionuclide Production Cross Section

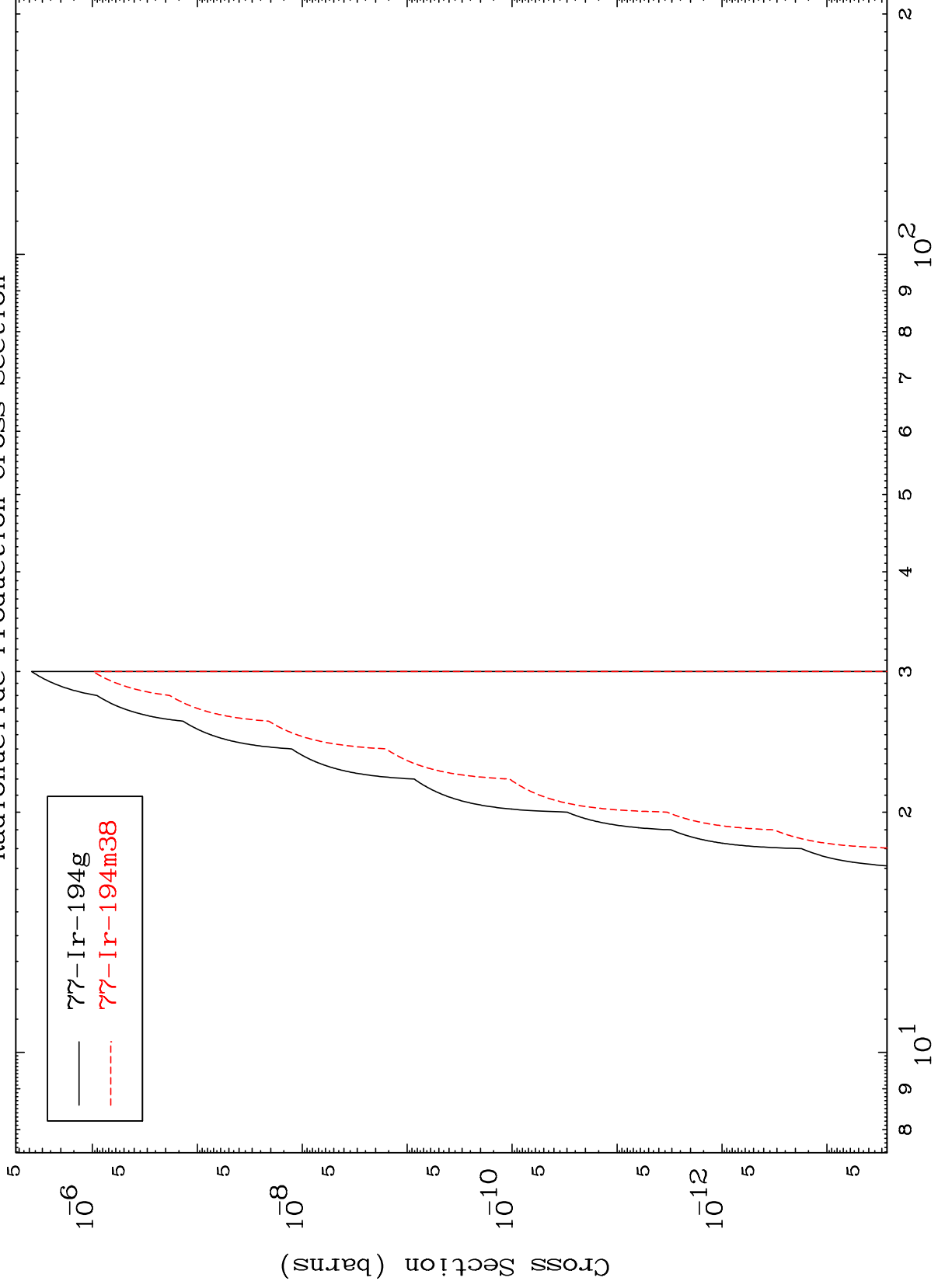


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(n,2n) p

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



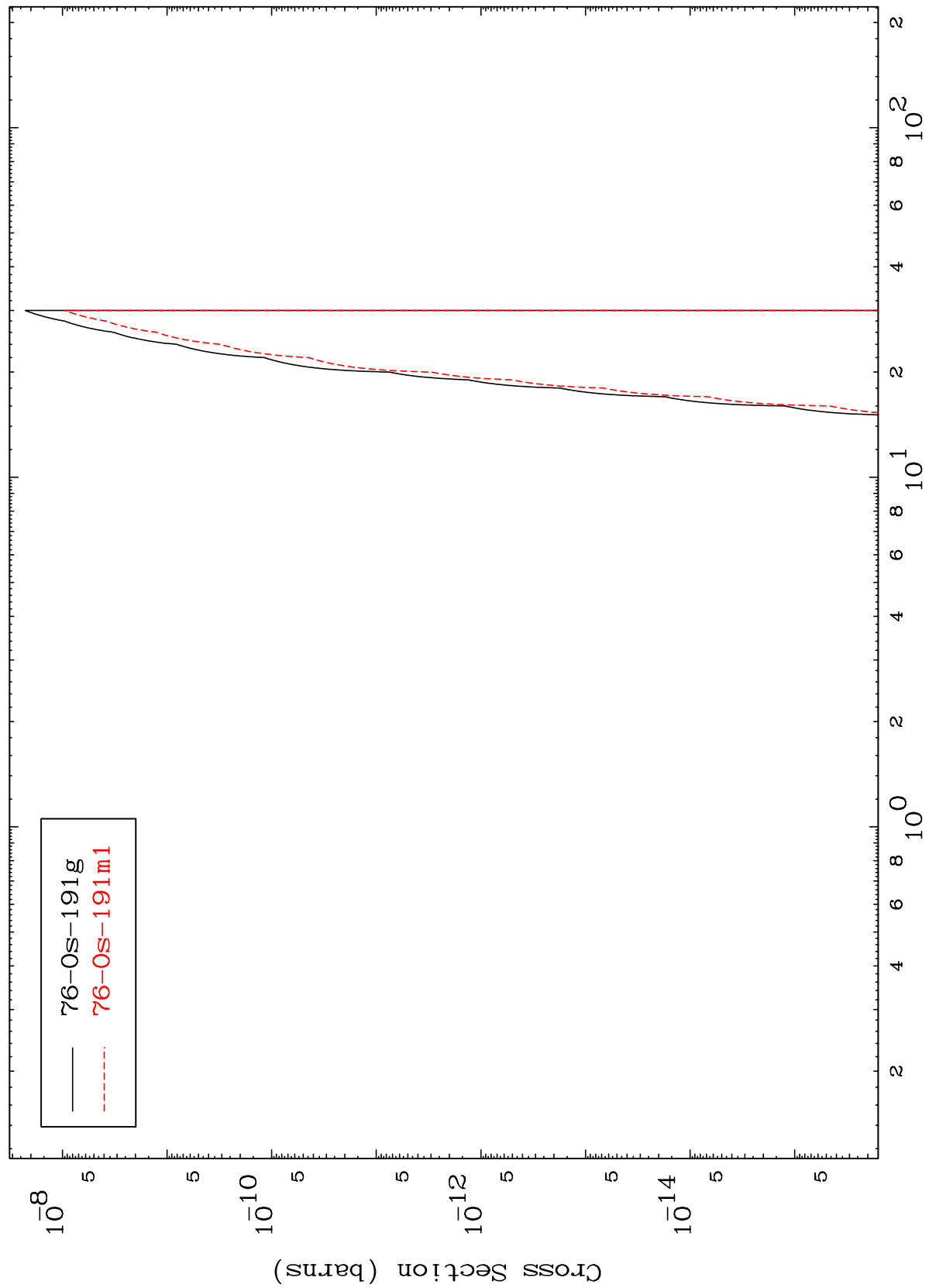
— <sup>77</sup>Ir-194g  
- - - <sup>77</sup>Ir-194m38

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(n,n') p  $\alpha$

77-Ir-194

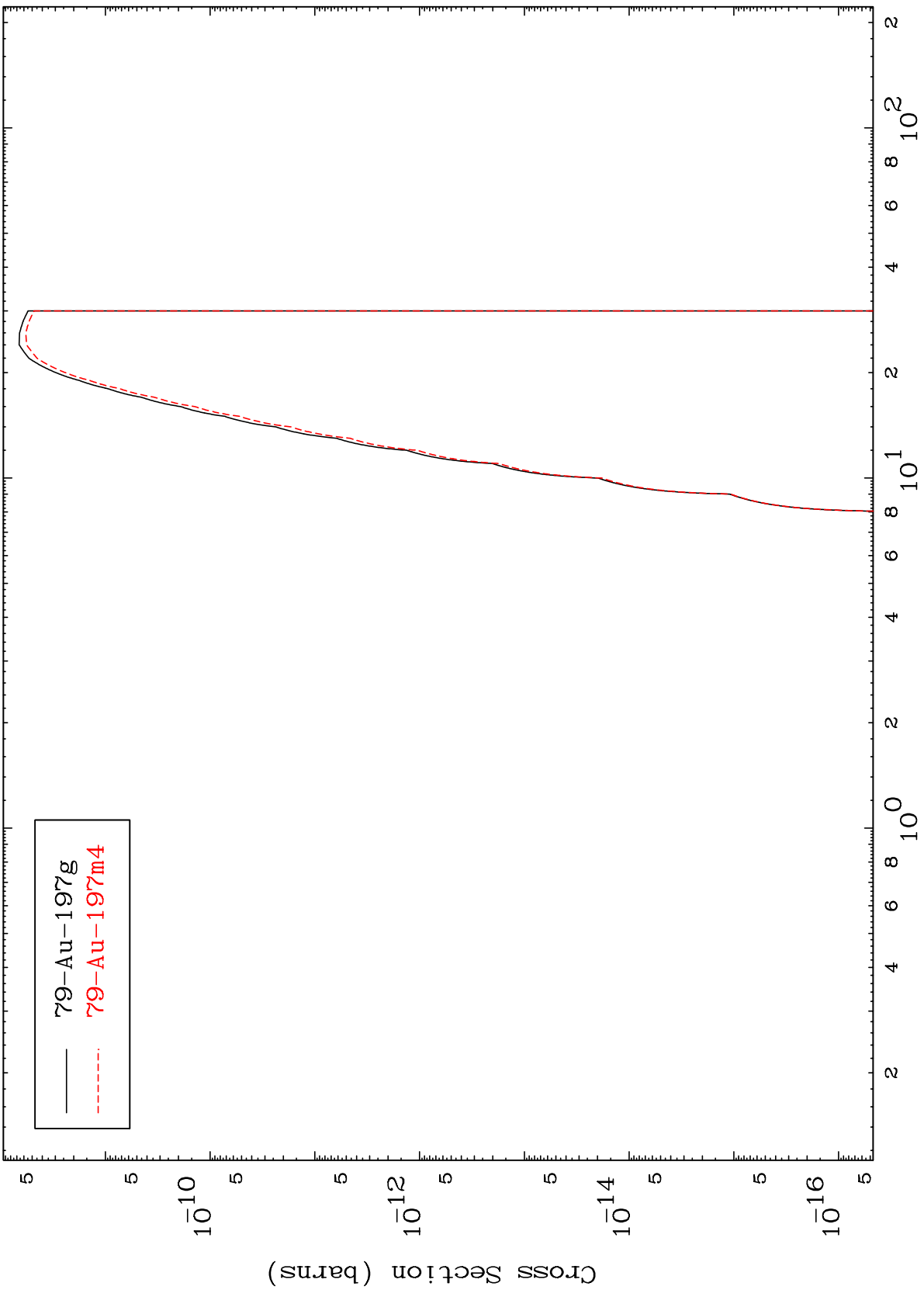
Radionuclide Production Cross Section



MAT 7734

<sup>77</sup>Ir-194

(n,γ)  
Radionuclide Production Cross Section



— <sup>79</sup>Au-197g  
- - - <sup>79</sup>Au-197m4

<sup>77</sup>Ir-194

Incident Energy (MeV)

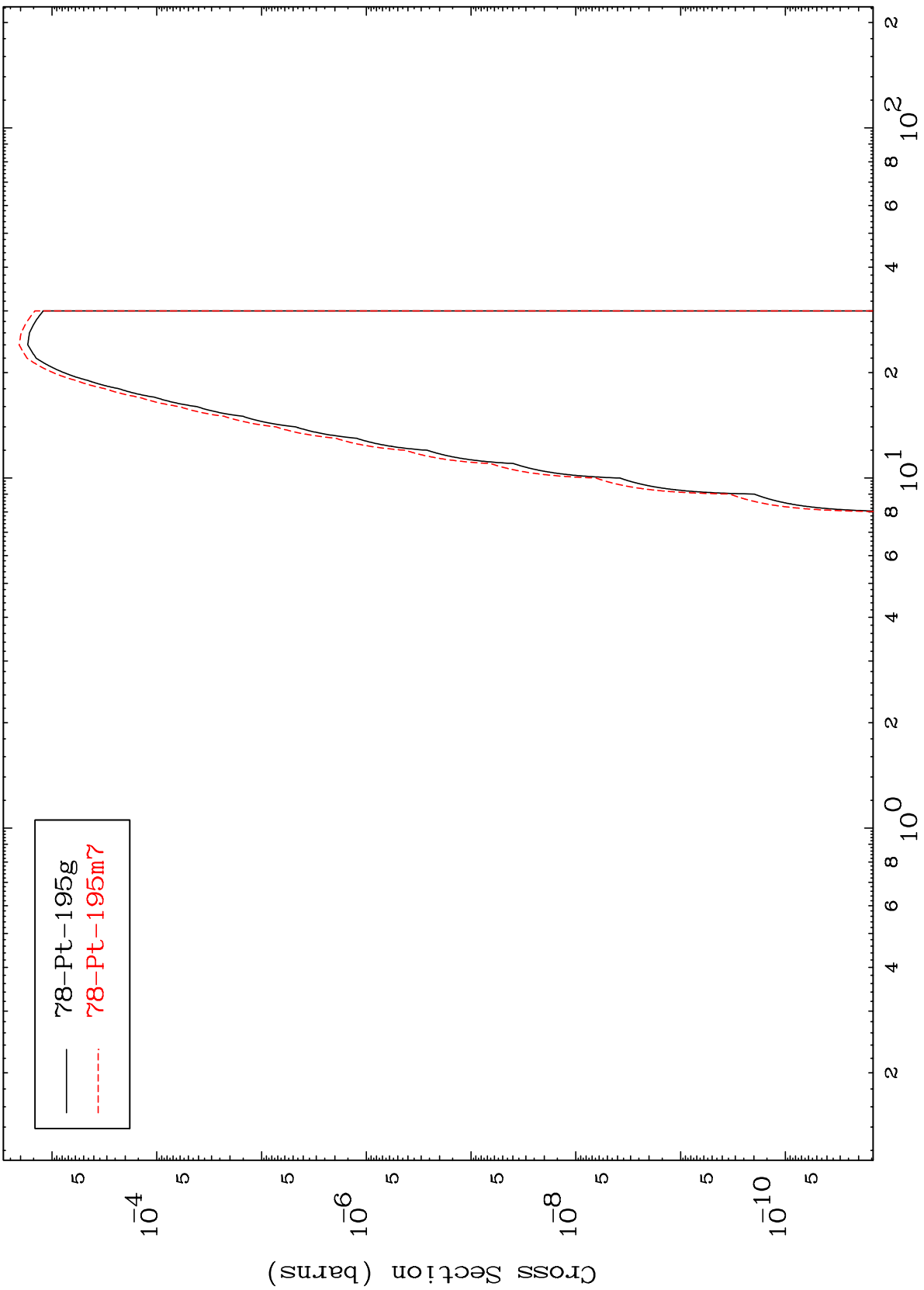
27

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(n,d)

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



28

Incident Energy (MeV)

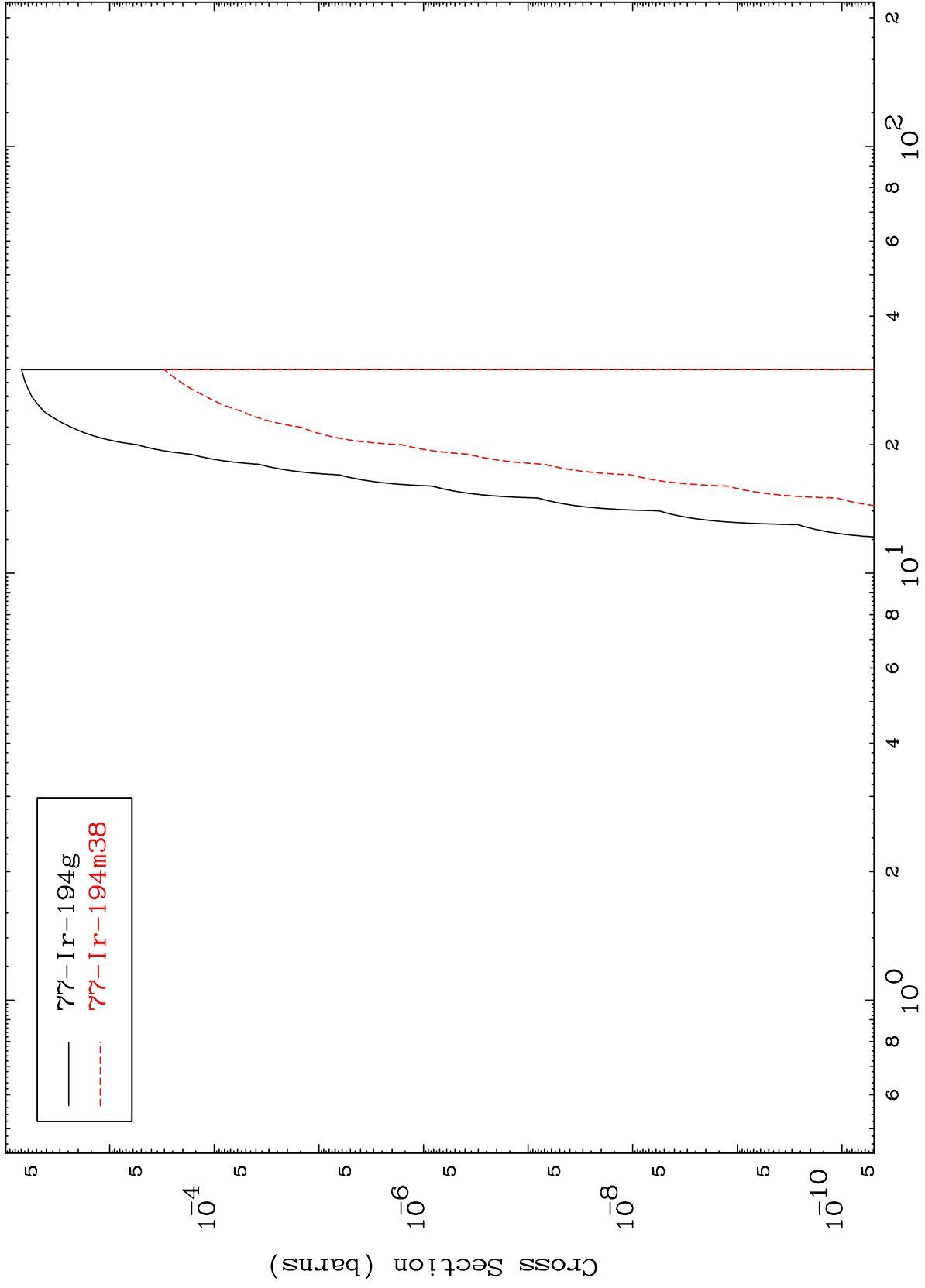
<sup>77</sup>Ir-194

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(n,He-3)

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

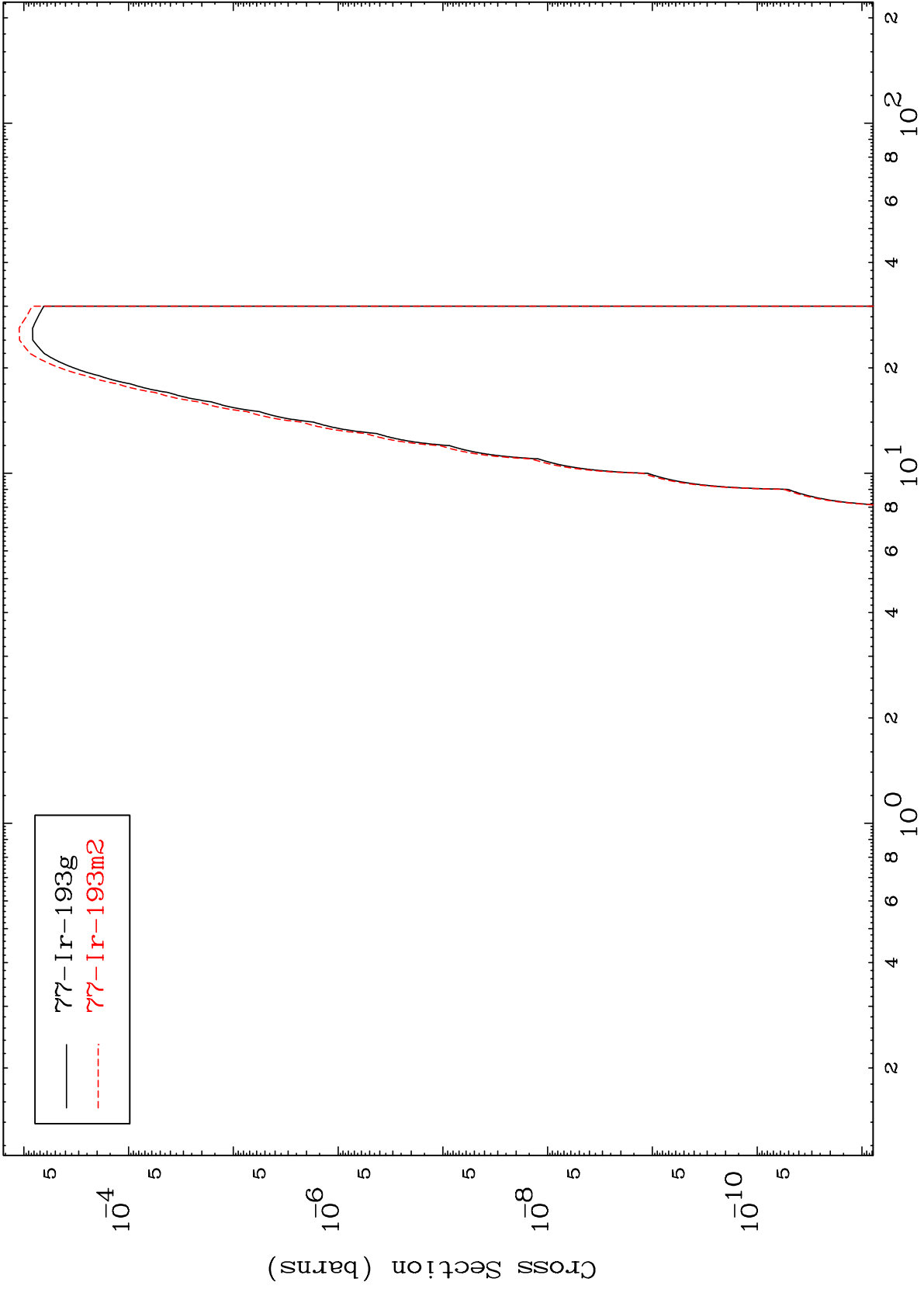
<sup>77</sup>Ir-194

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77-Ir-194

(n,  $\alpha$ )

Radionuclide Production Cross Section



30

Incident Energy (MeV)

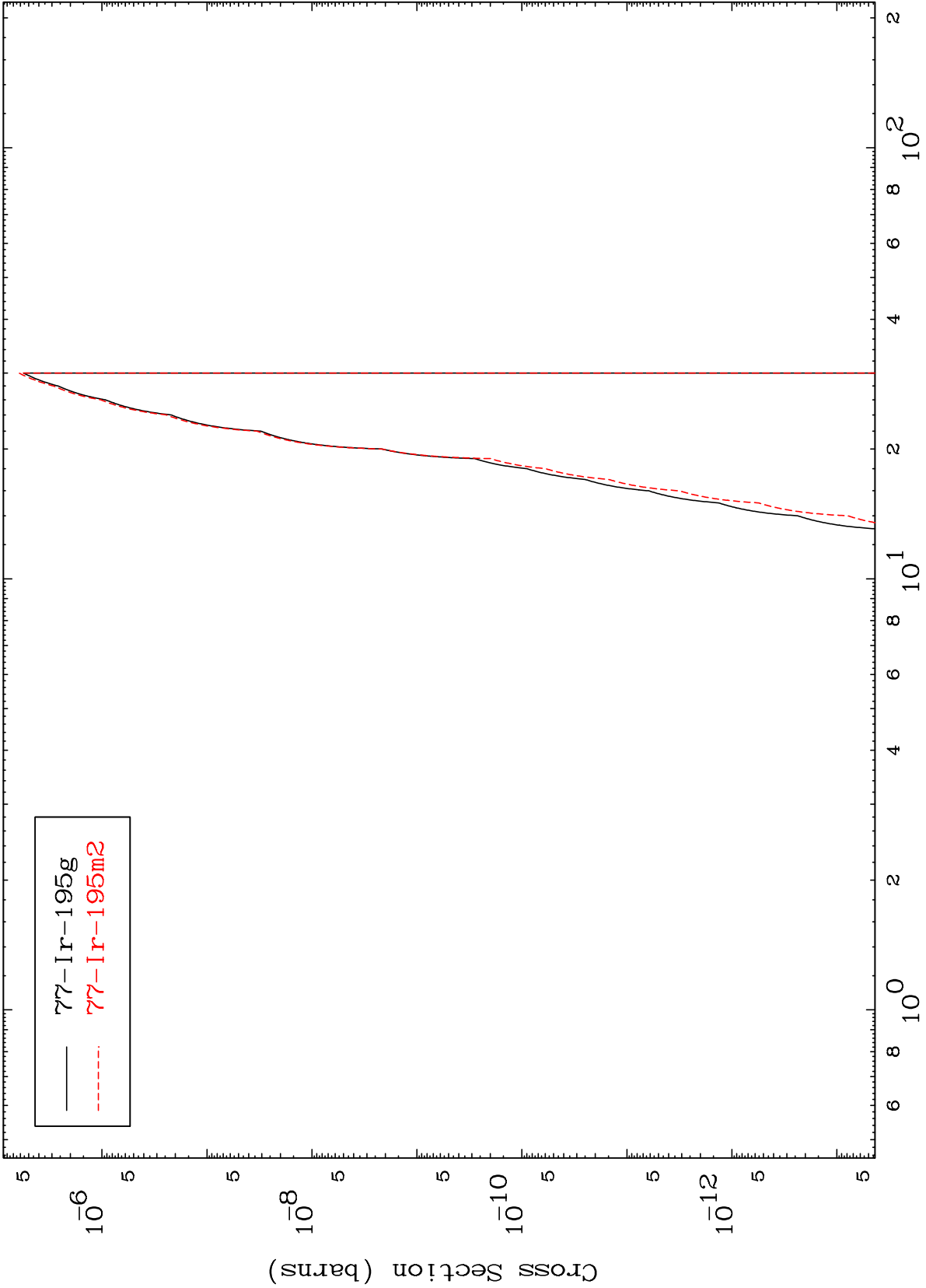
77-Ir-194

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(n,2p)

<sup>77</sup>Ir-194

Radionuclide Production Cross Section

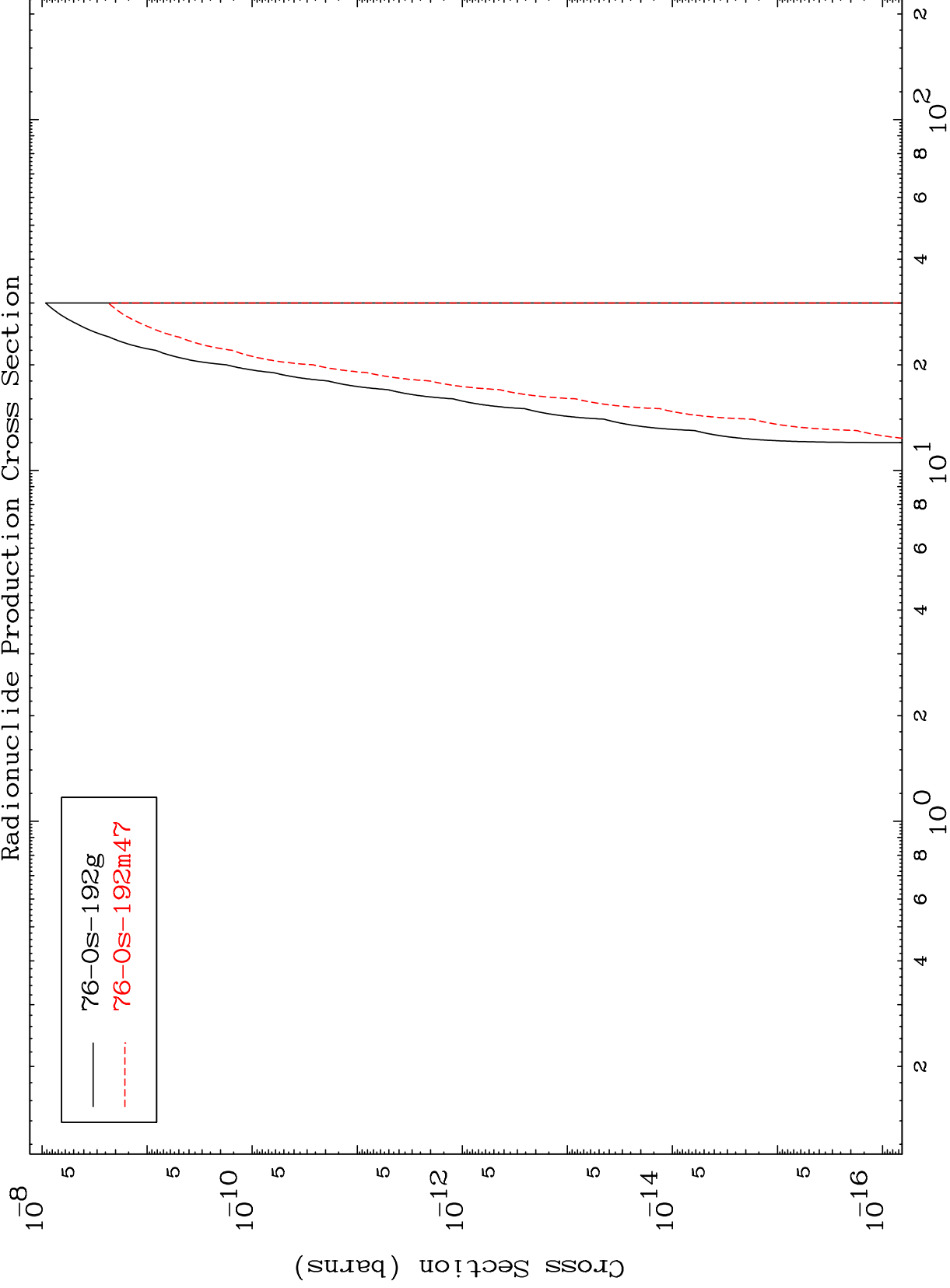


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(n,p)  $\alpha$

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



32

Incident Energy (MeV)

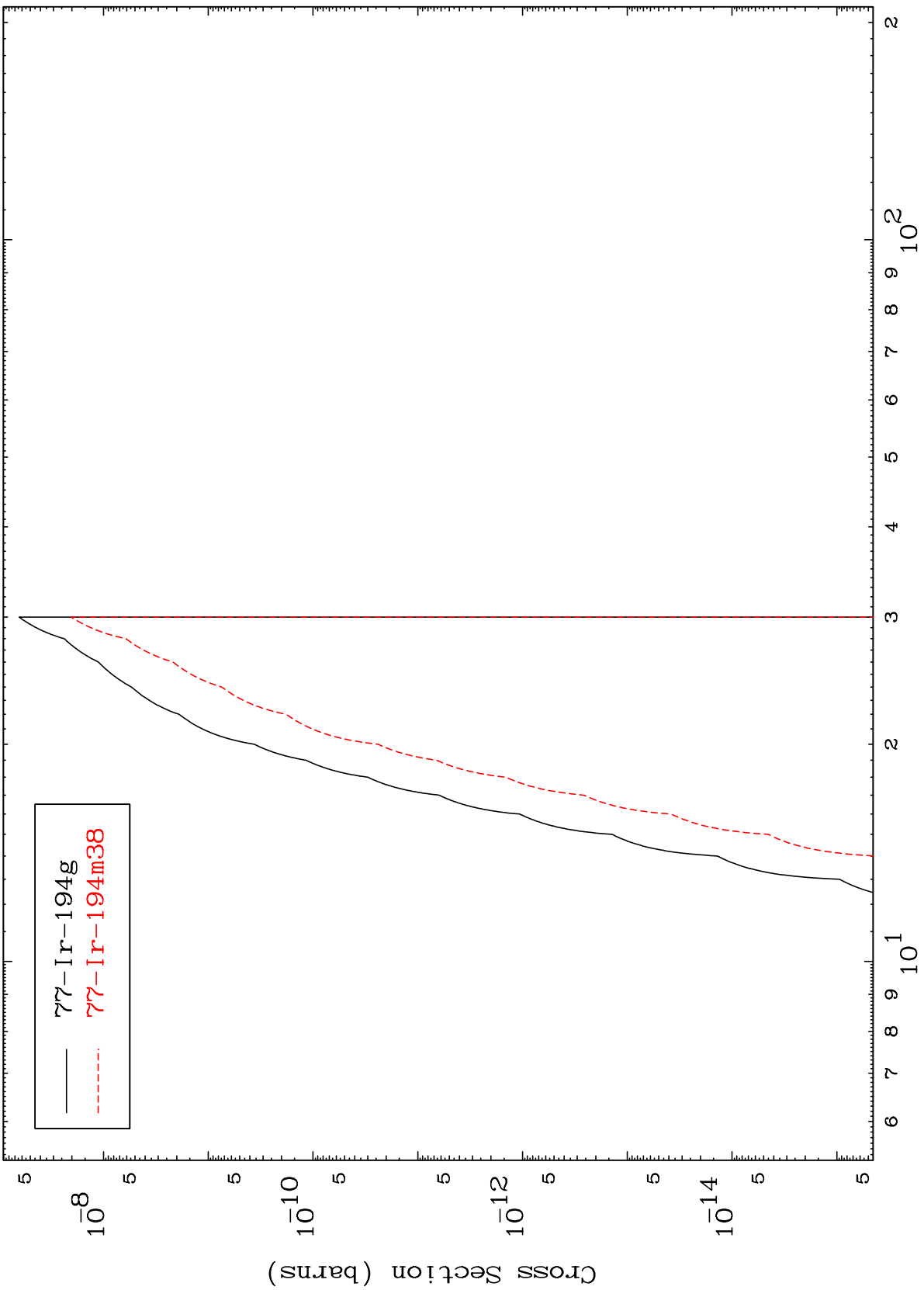
<sup>77</sup>Ir-194

MAT 7734

(n,p) d

<sup>77</sup>Ir-194

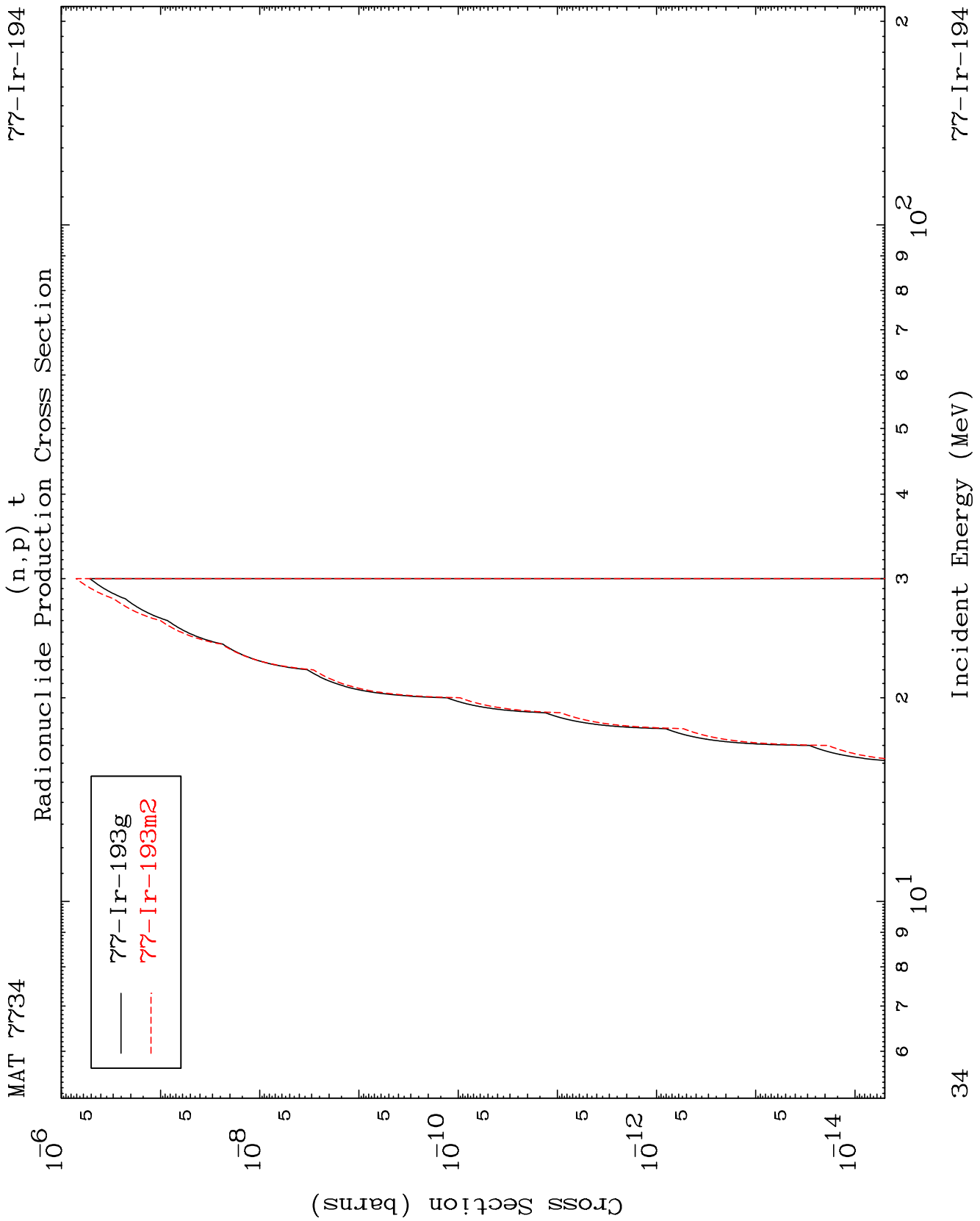
Radionuclide Production Cross Section



33

Incident Energy (MeV)

<sup>77</sup>Ir-194

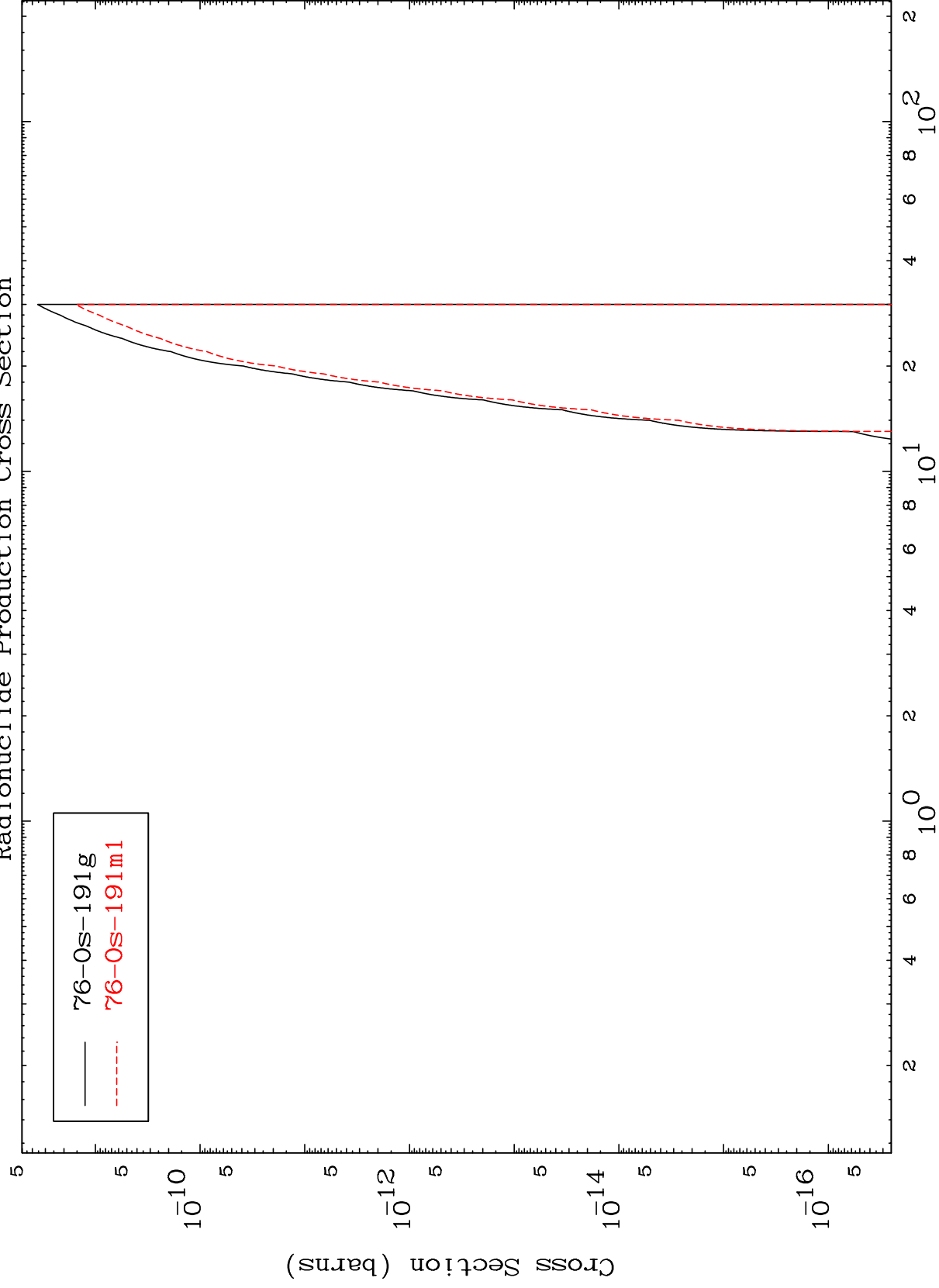


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(n,d)  $\alpha$

<sup>77</sup>Ir-194

Radionuclide Production Cross Section



35

Incident Energy (MeV)

<sup>77</sup>Ir-194