

Program EVALPLOT  
(Version 2018-1)

by

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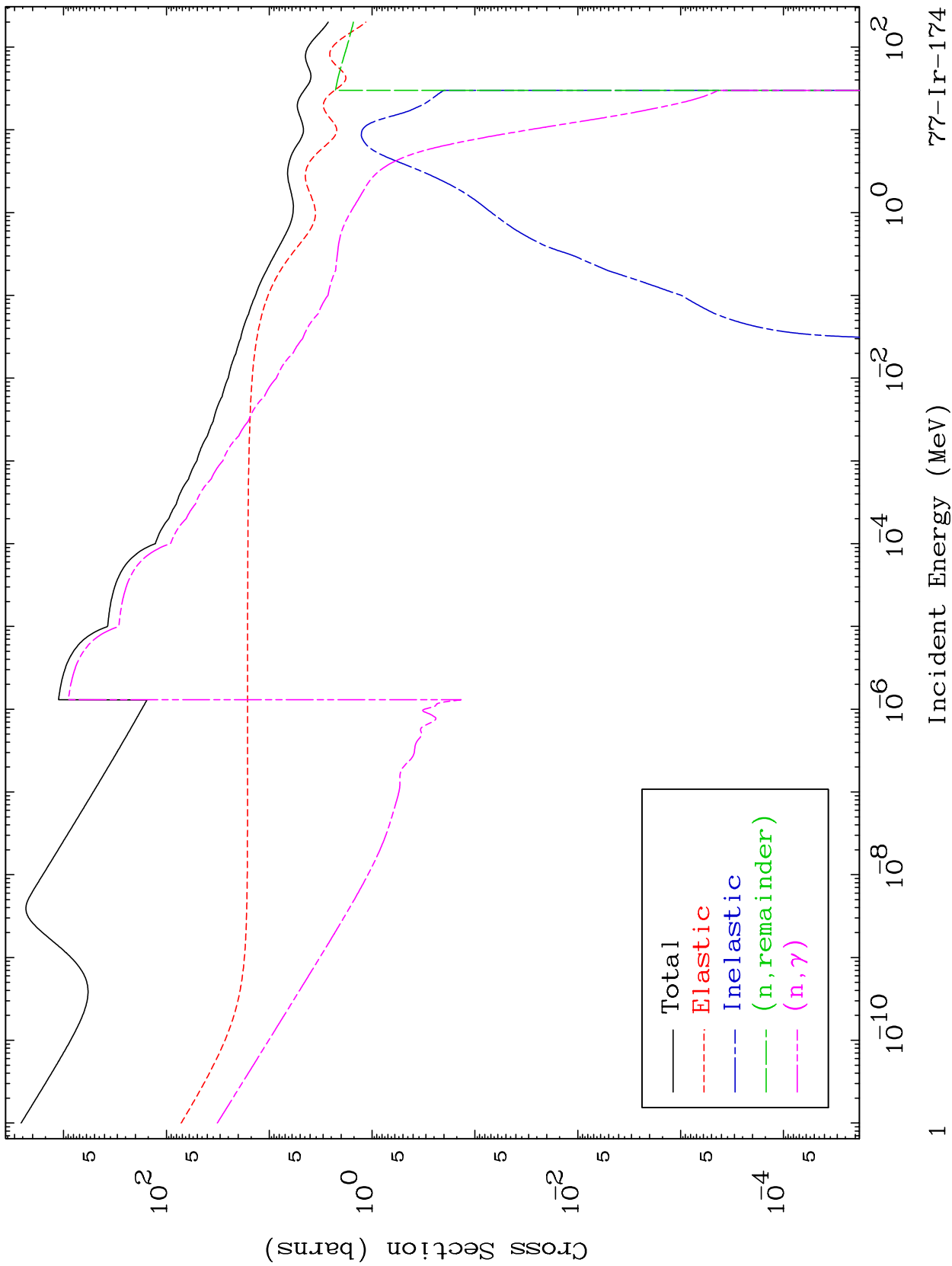
Press Mouse Button to Start

MAT 7675

Major

293 Kelvin Cross Sections

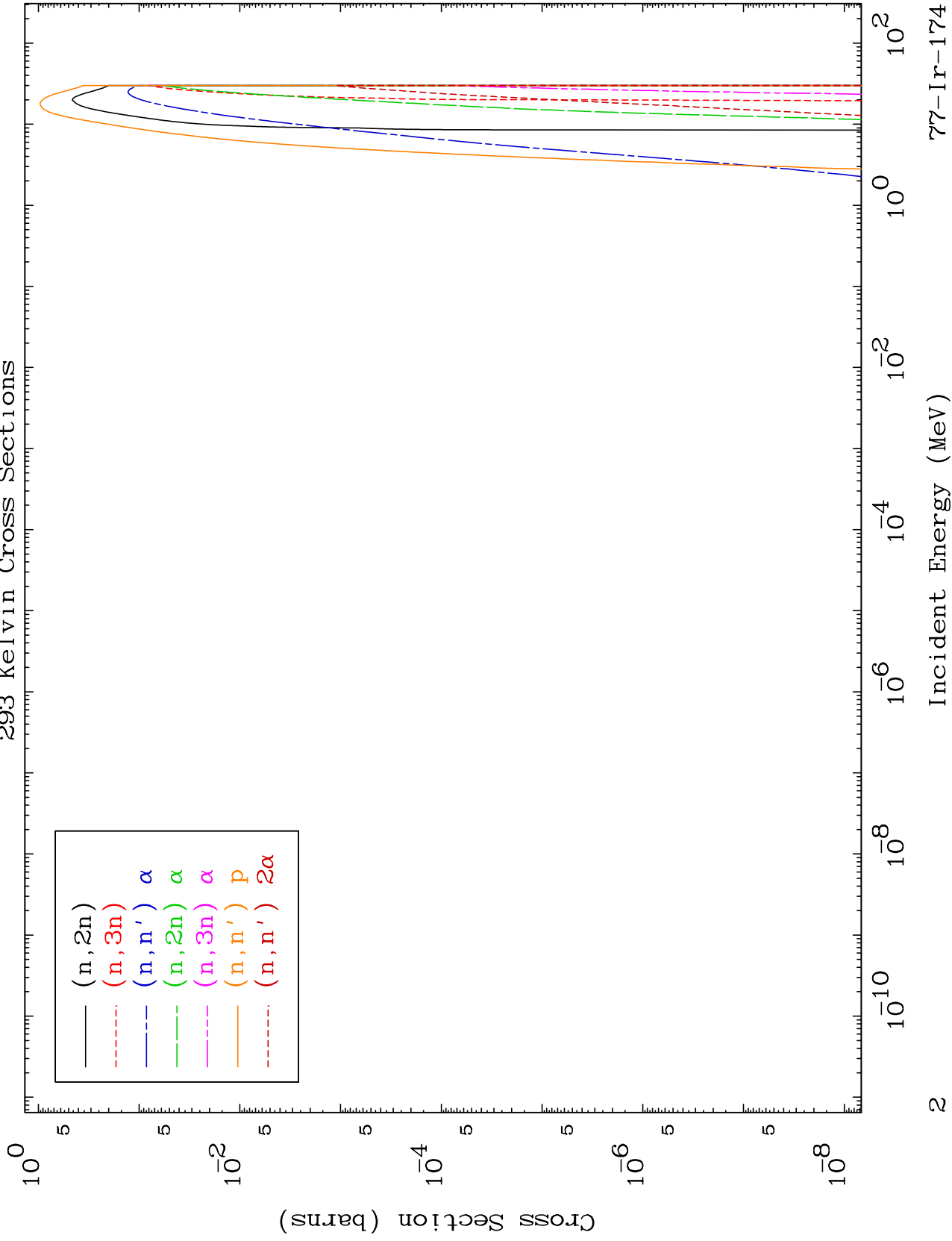
77-Ir-174



MAT 7675

Neutron Production  
293 Kelvin Cross Sections

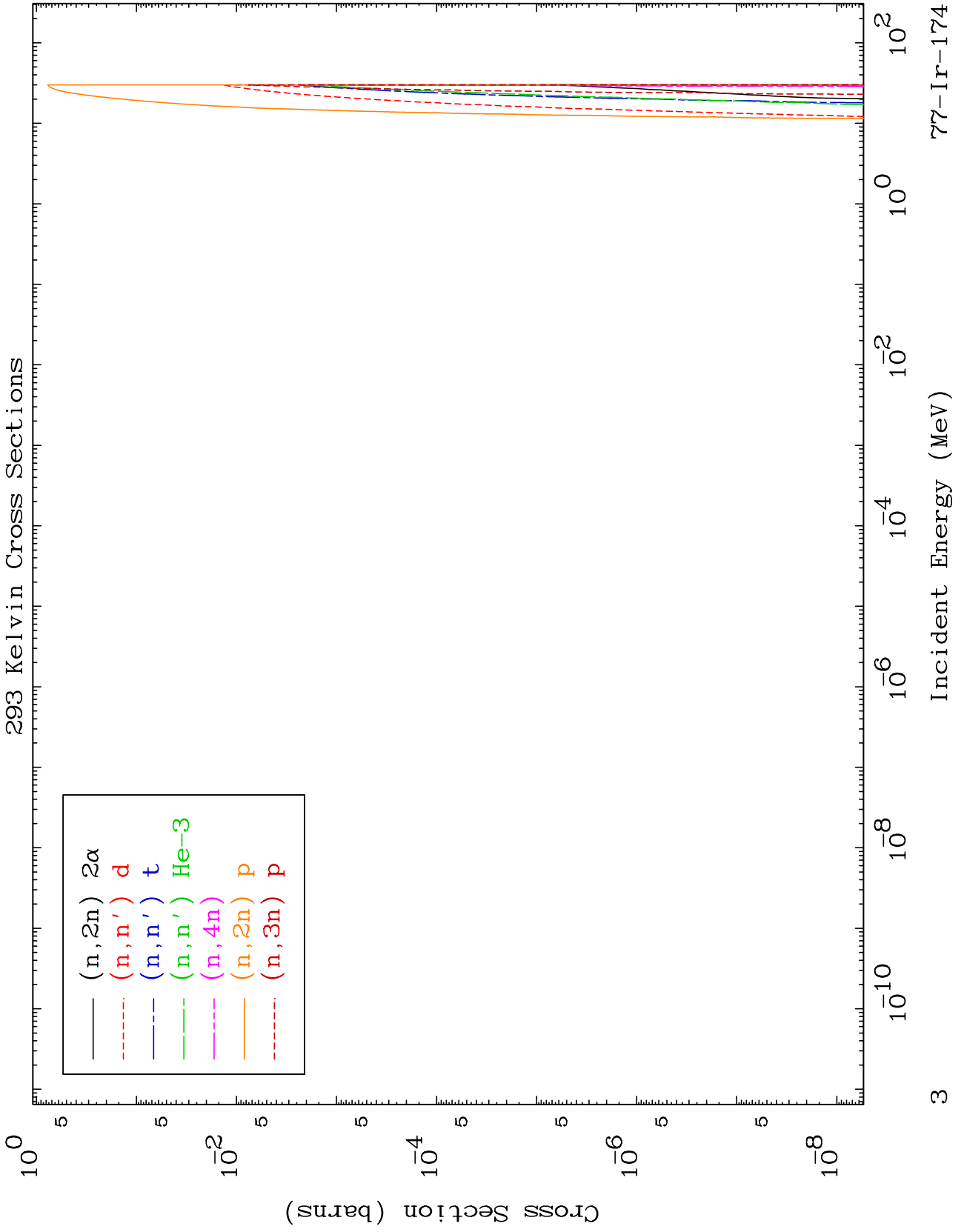
77-Ir-174



MAT 7675

Neutron Production  
293 Kelvin Cross Sections

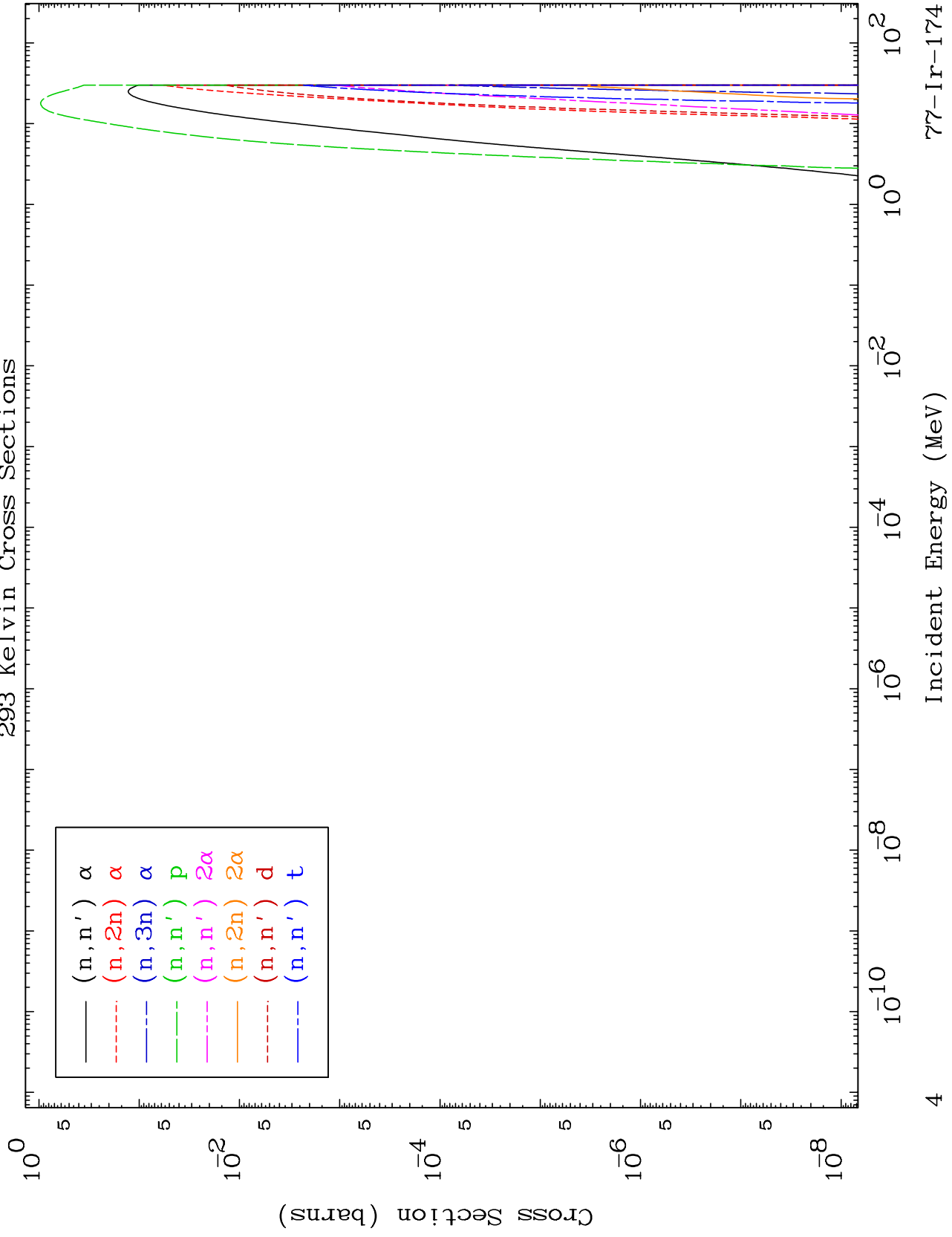
<sup>77</sup>Ir-174



MAT 7675

Charged Particle  
293 Kelvin Cross Sections

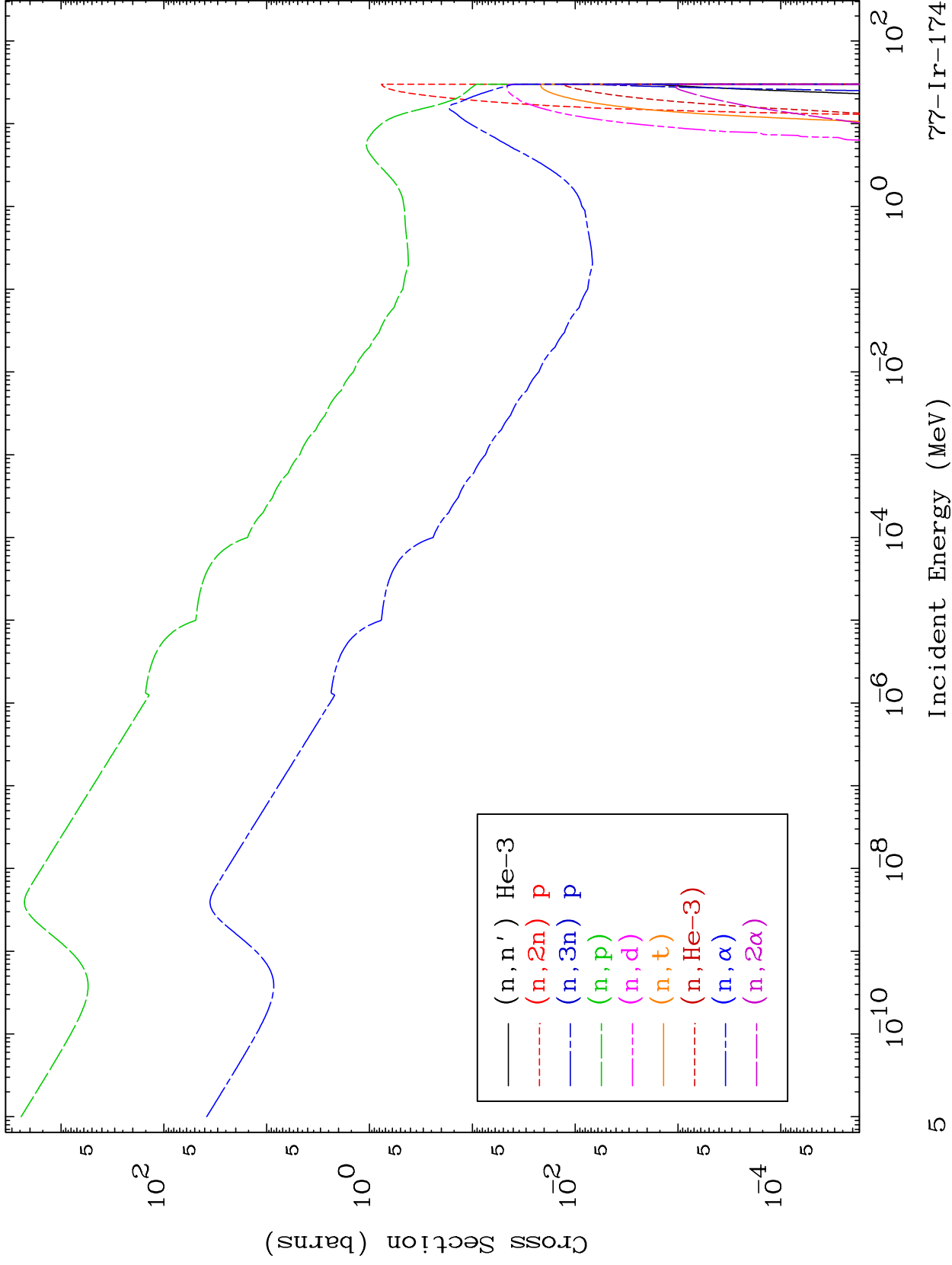
77-Ir-174



MAT 7675

Charged Particle  
293 Kelvin Cross Sections

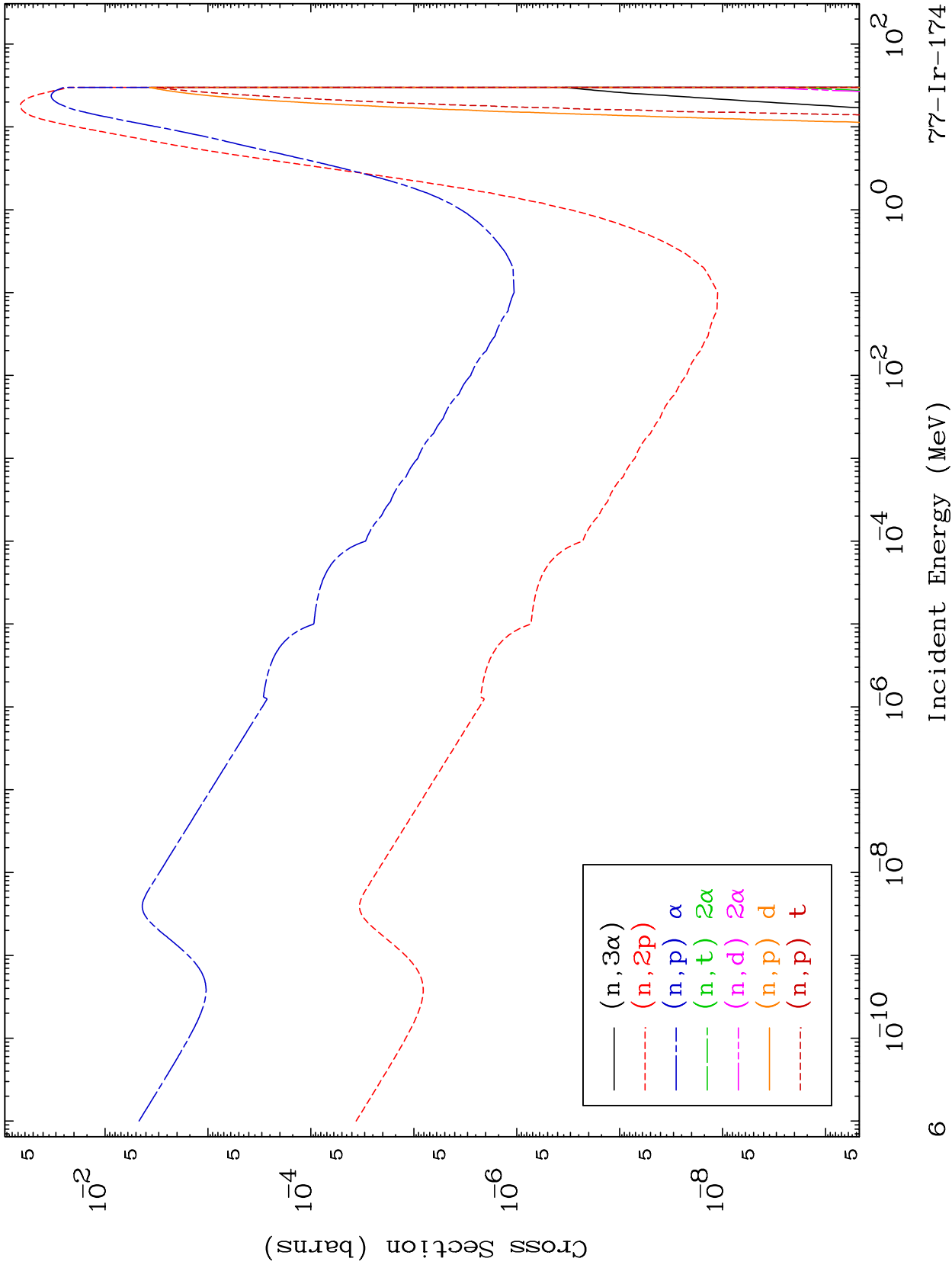
77-Ir-174

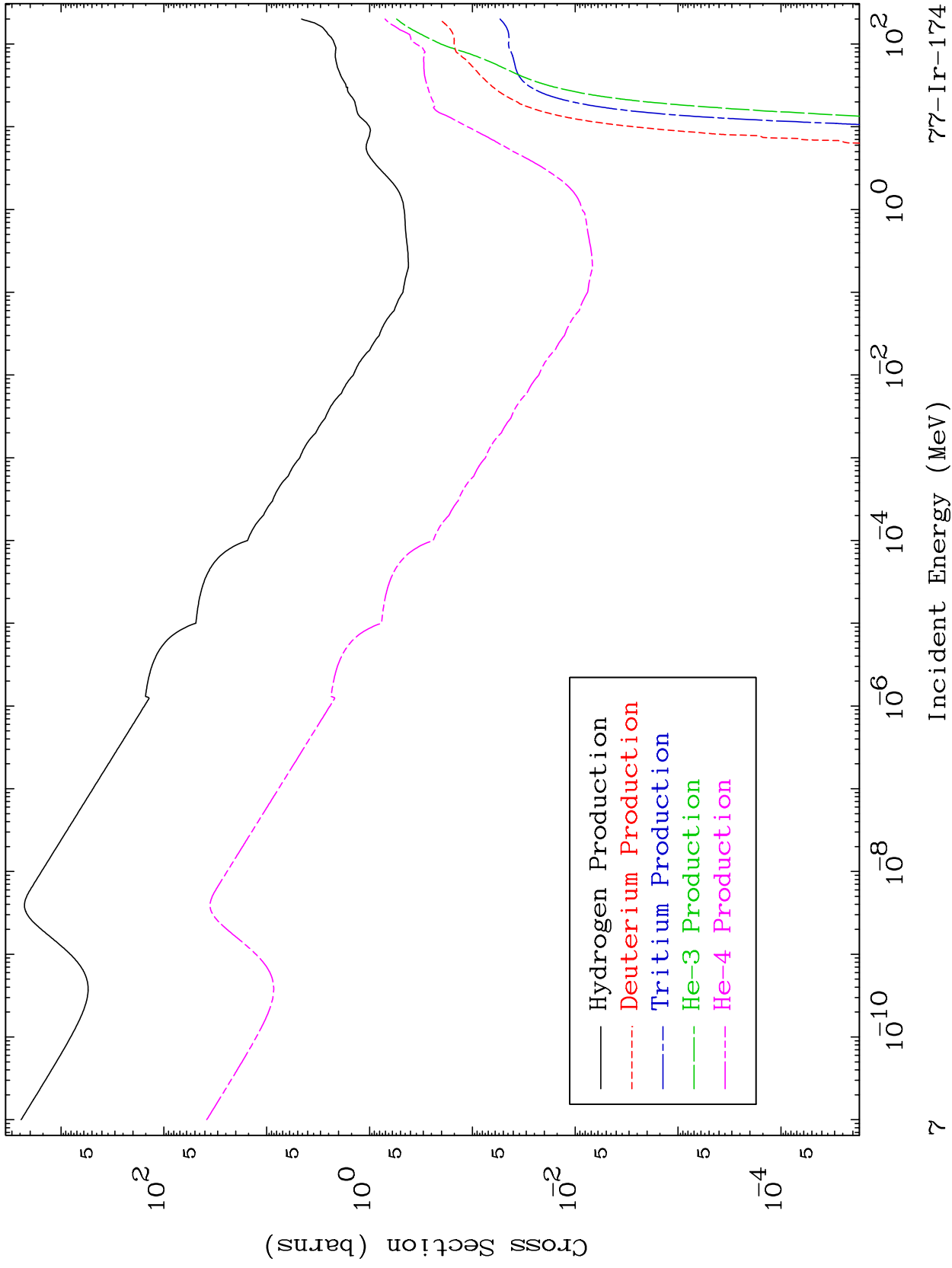


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Charged Particle  
293 Kelvin Cross Sections

77-Ir-174



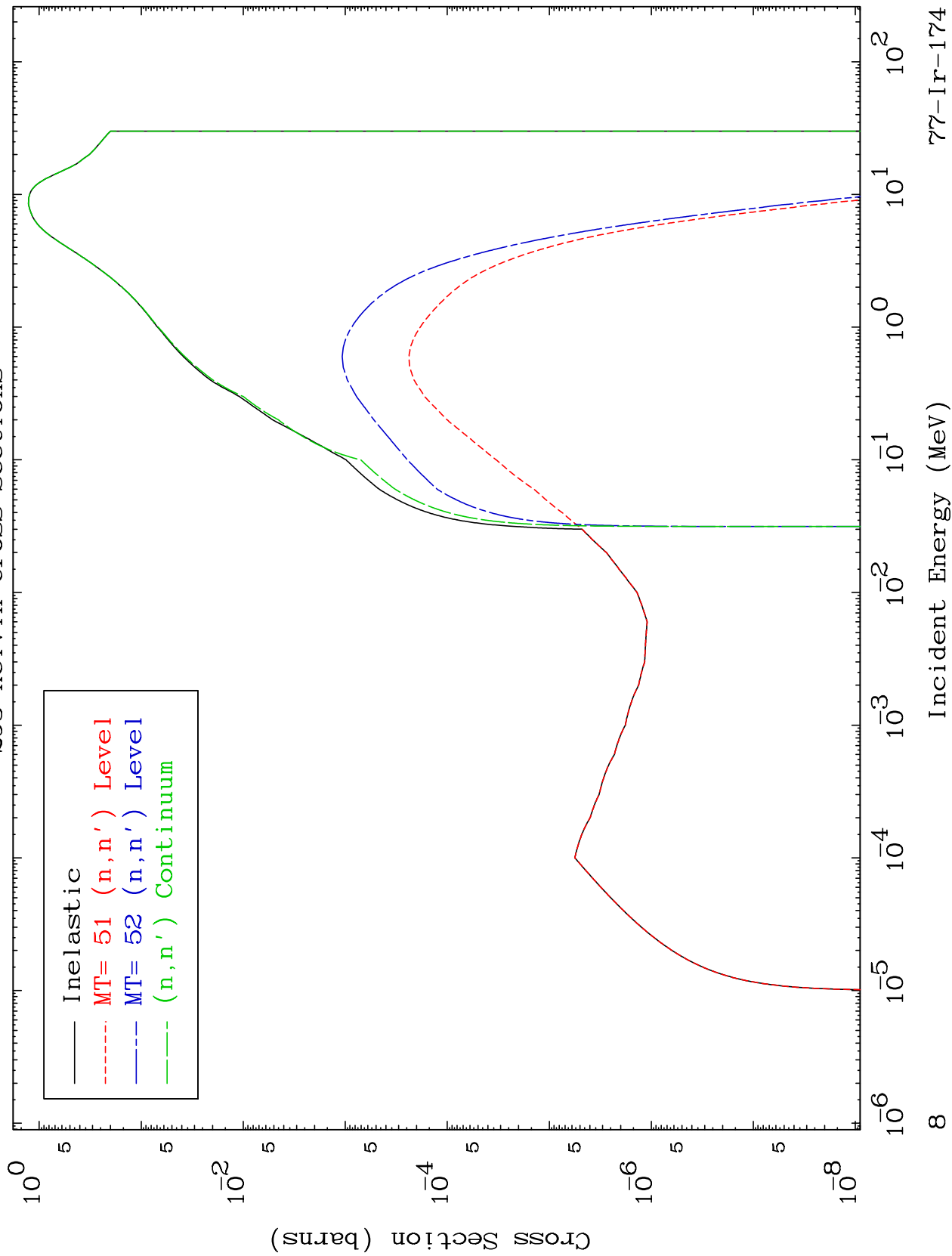




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(n,n') Level  
293 Kelvin Cross Sections

77-Ir-174



8

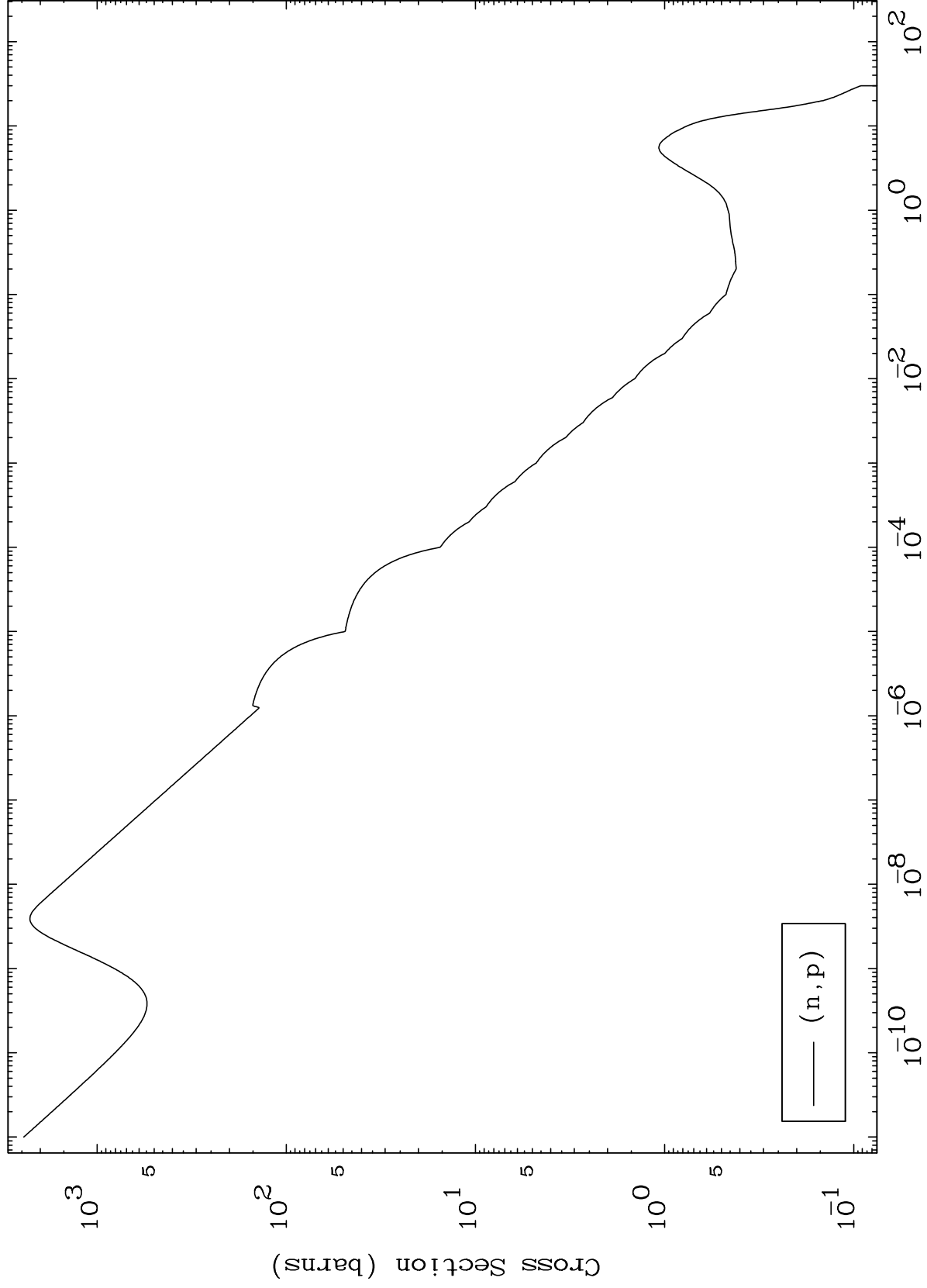
Incident Energy (MeV)

77-Ir-174

MAT 7675

(n,p) Levels  
293 Kelvin Cross Sections

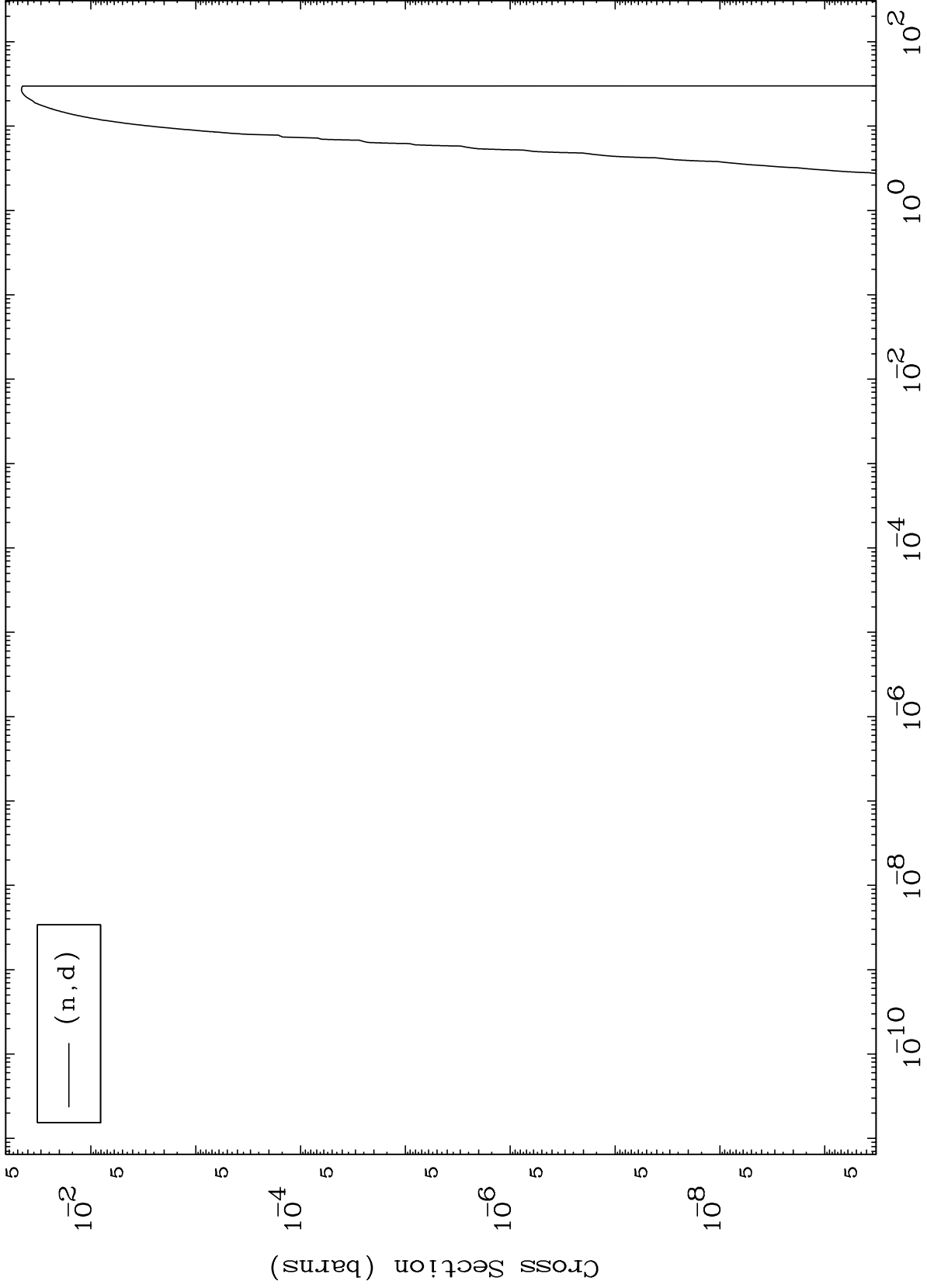
77-Ir-174



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(n,d) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-174



10

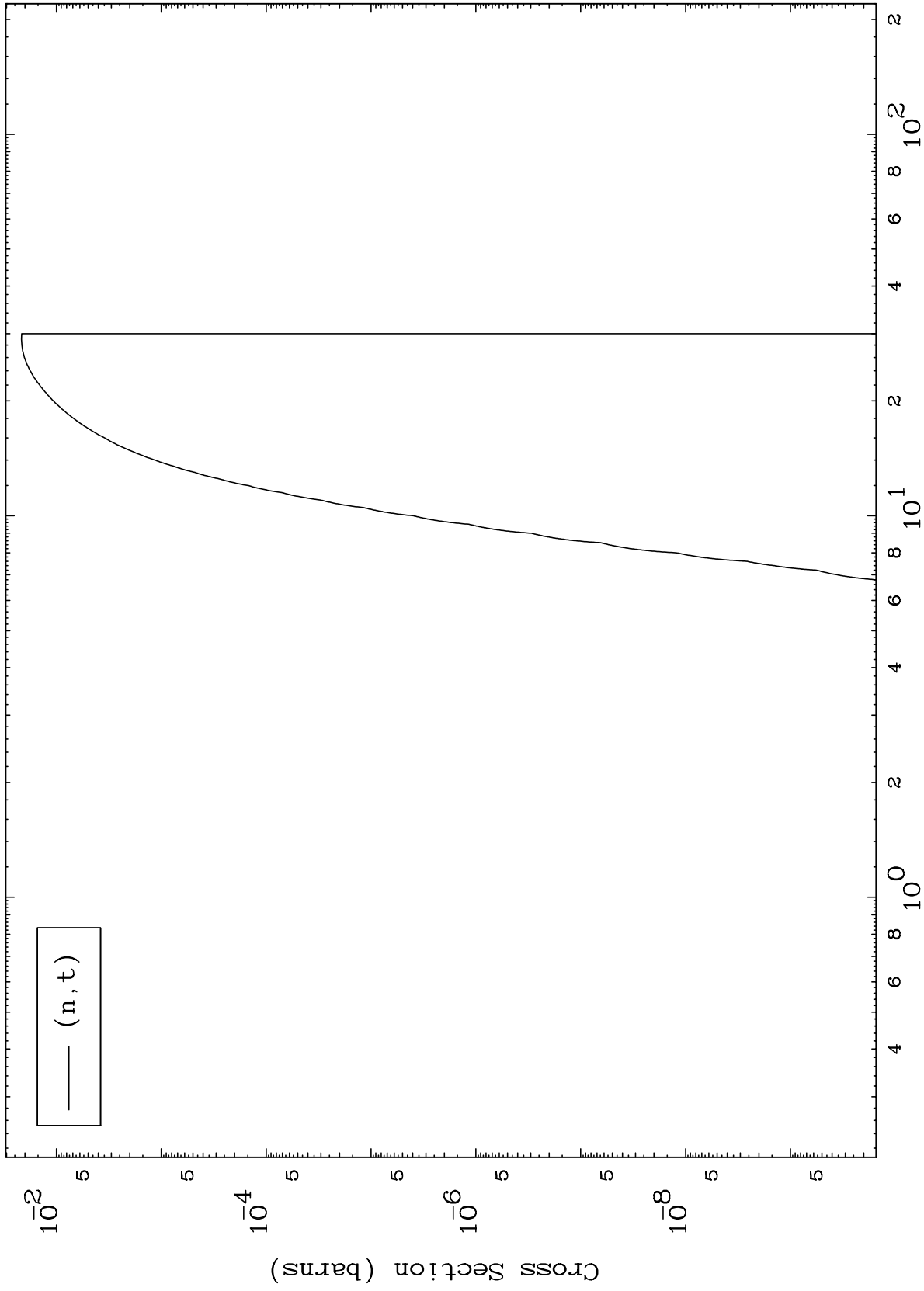
Incident Energy (MeV)

<sup>77</sup>Ir-174

MAT 7675

(n,t) Levels  
293 Kelvin Cross Sections

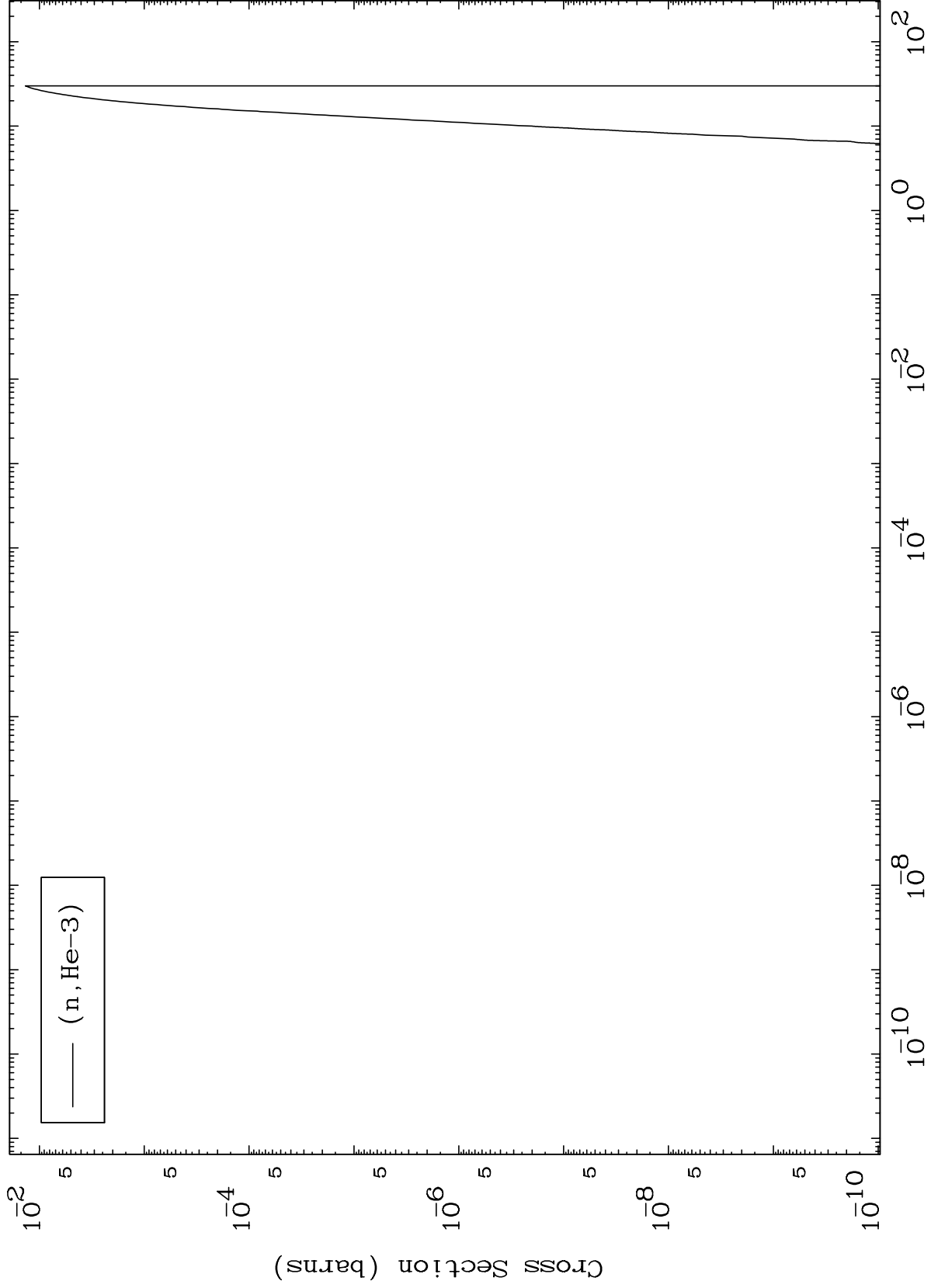
77-Ir-174



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(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-174

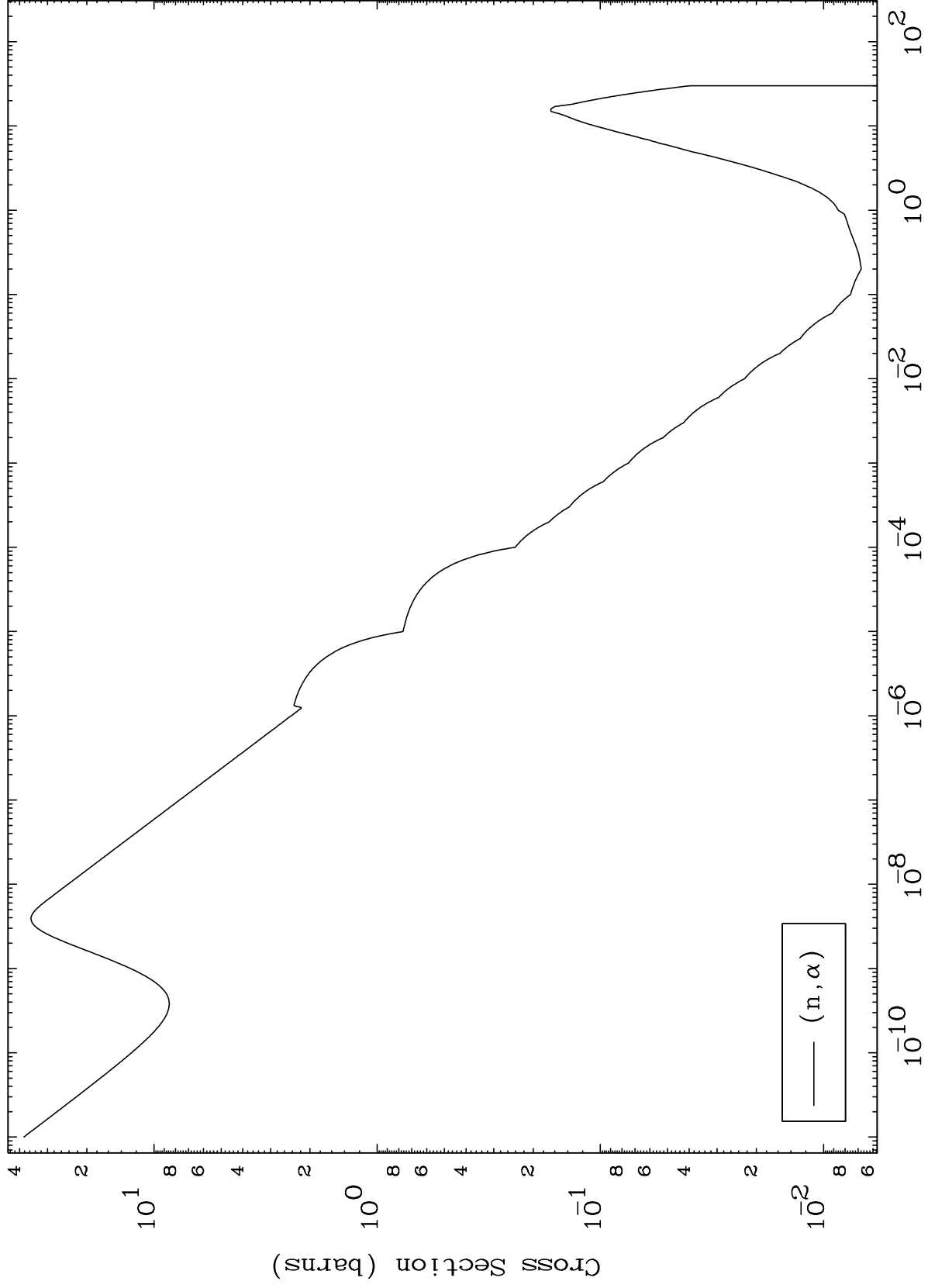


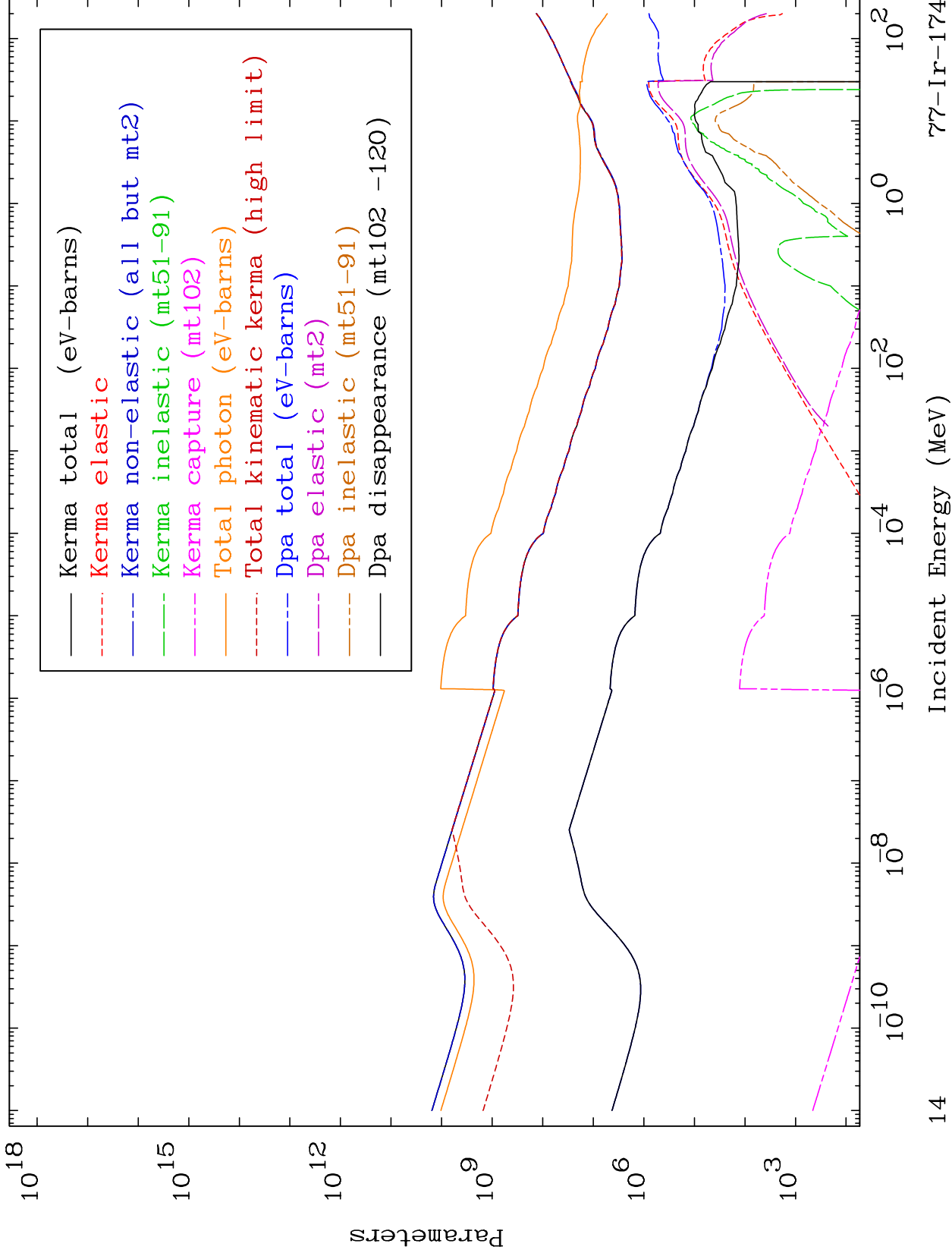
(n, He-3)

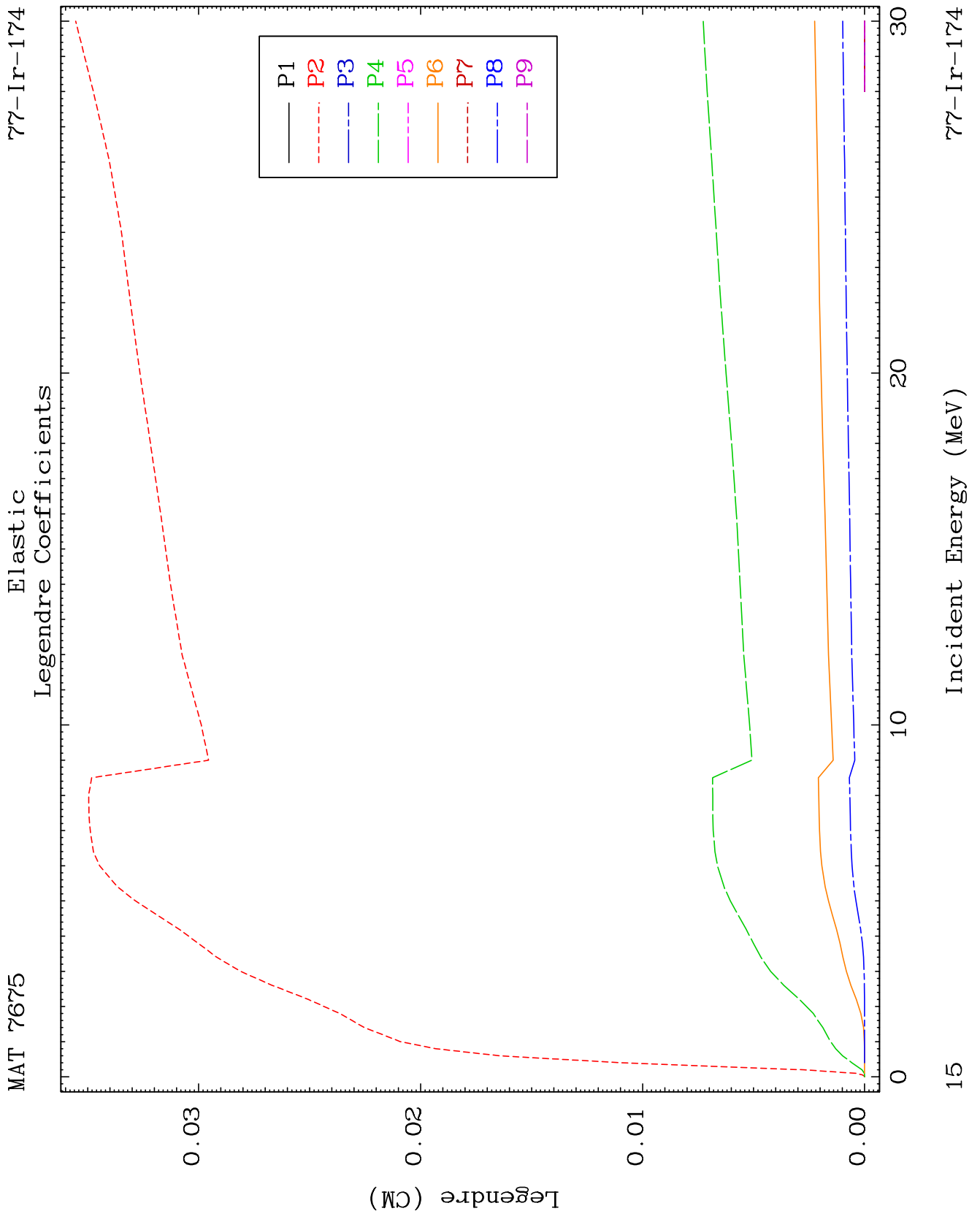
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(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-174







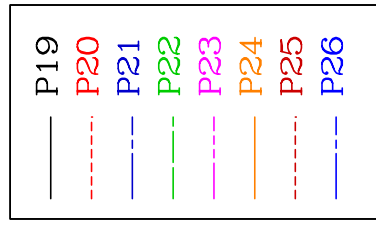




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Elastic  
Legendre Coefficients

77-Ir-174



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

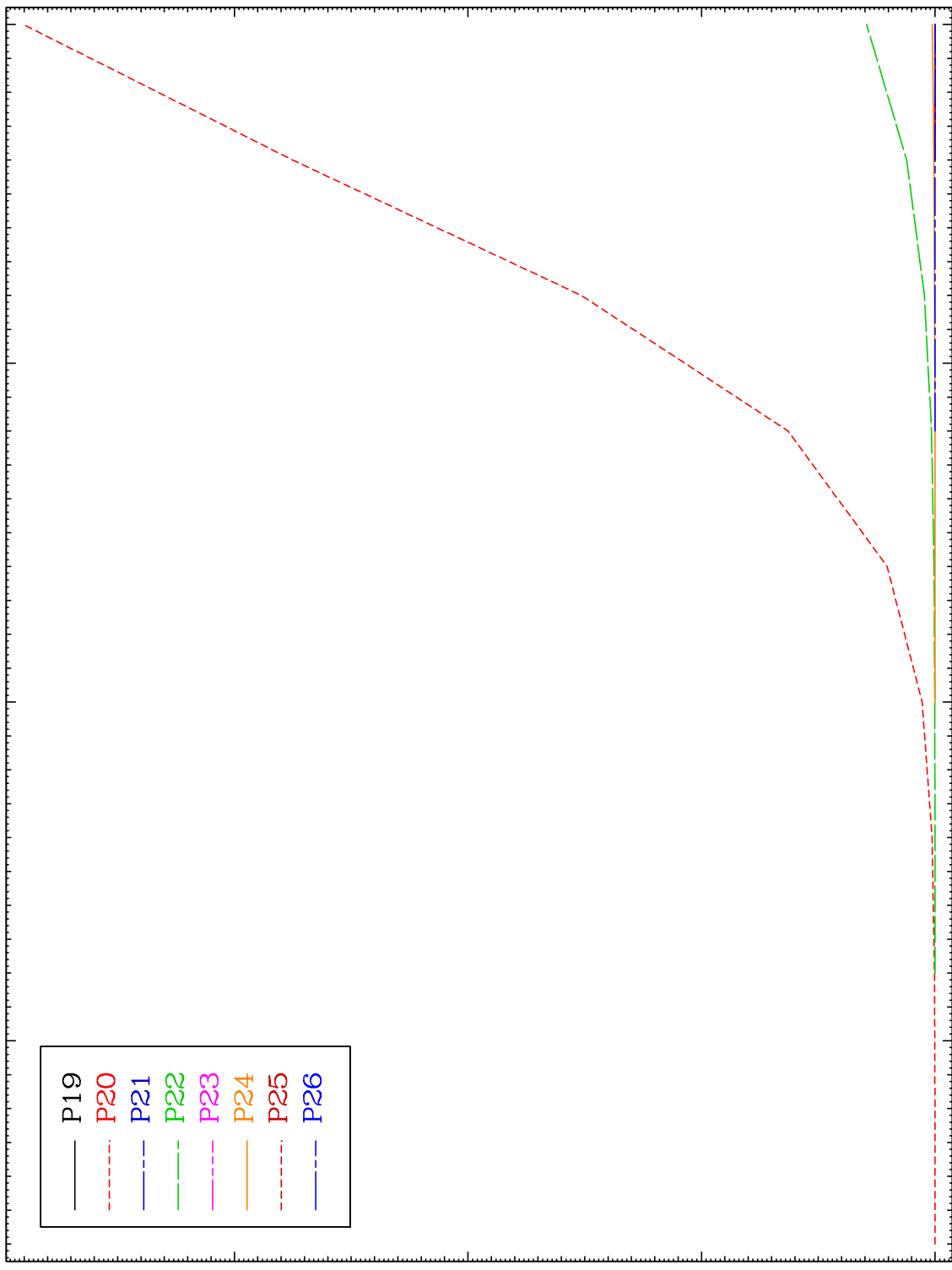
25

30

17

Incident Energy (MeV)

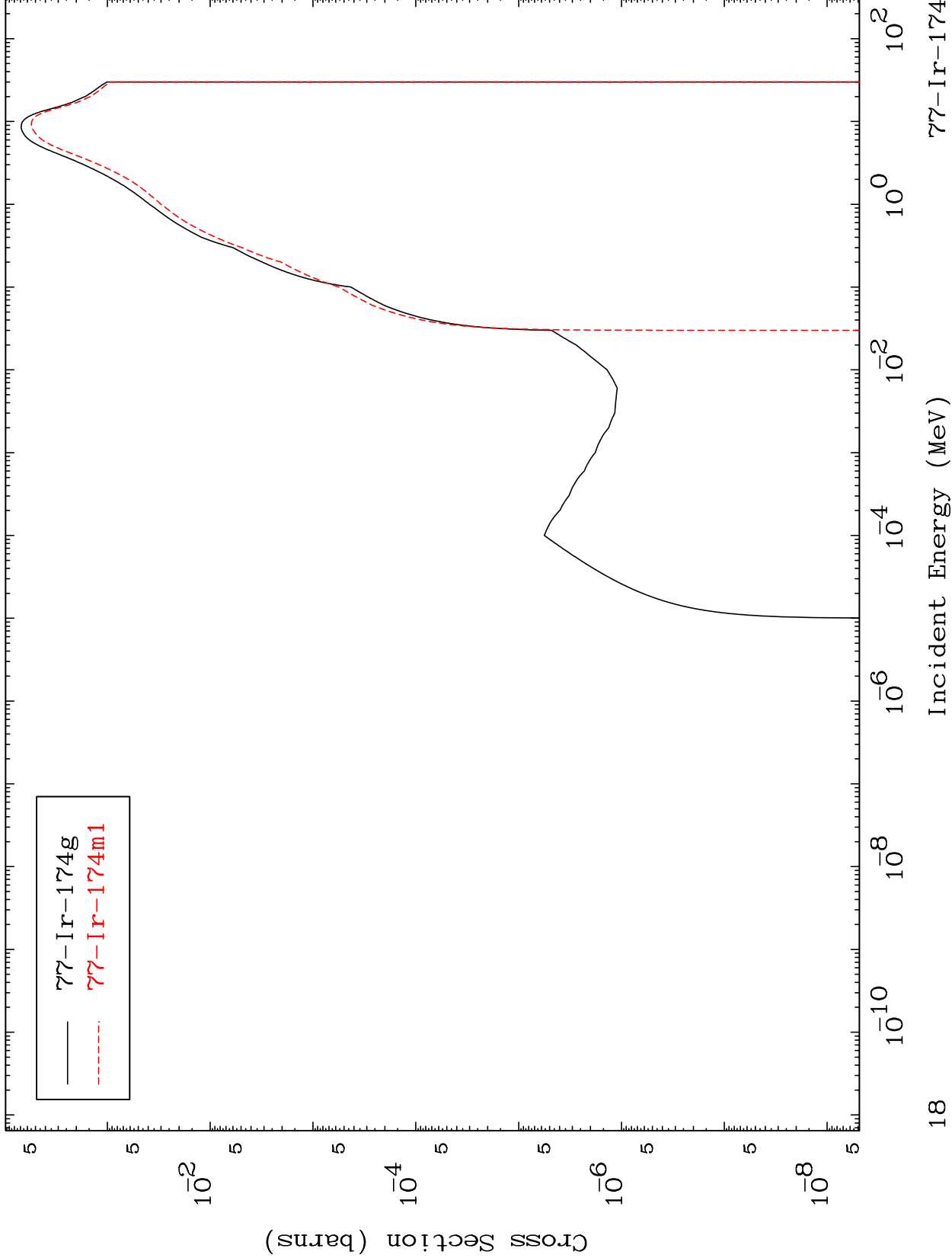
77-Ir-174



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Inelastic  
Radionuclide Production Cross Section

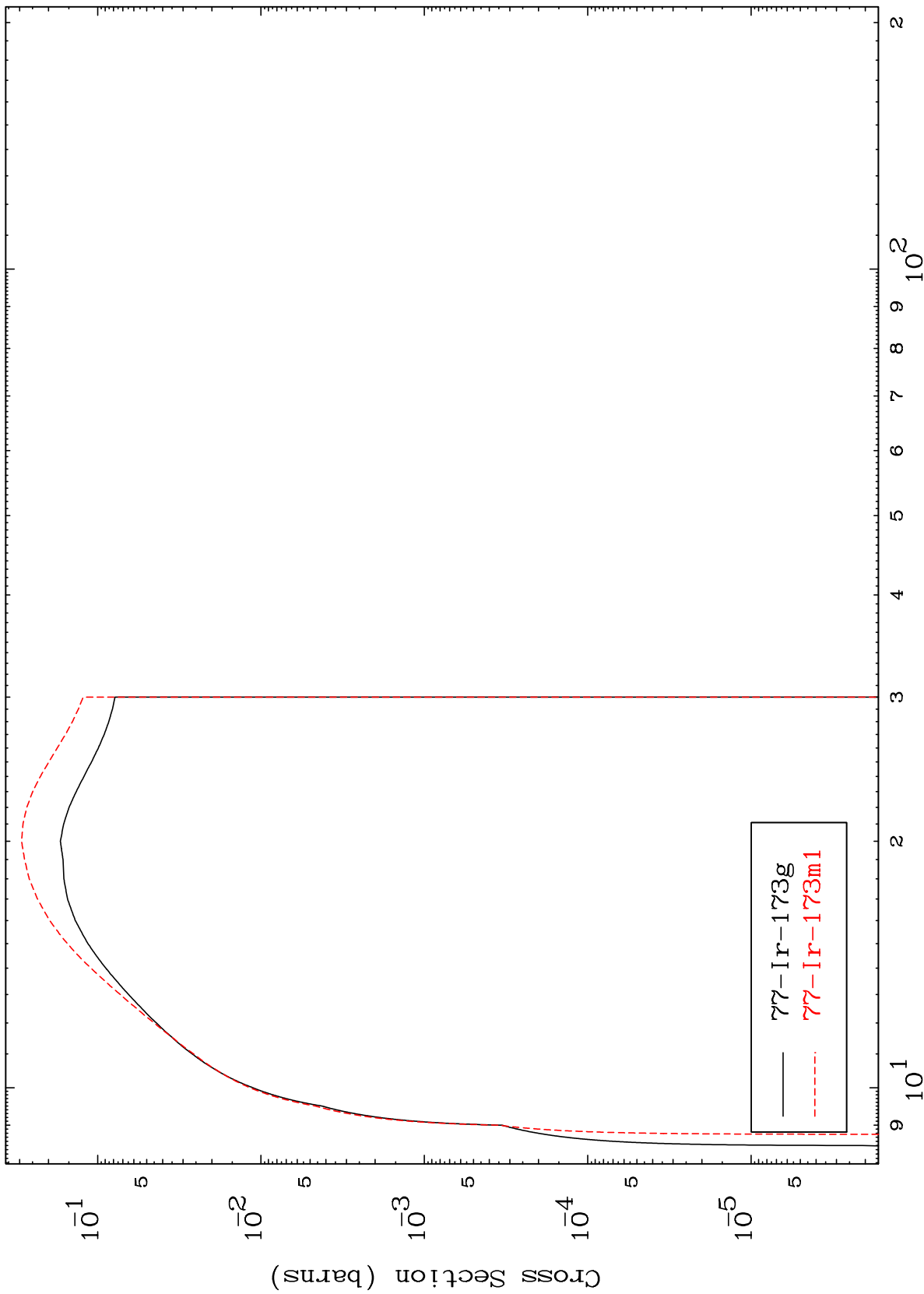
<sup>77</sup>Ir-174



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<sup>77</sup>Ir-174

Radionuclide Production Cross Section  
(n,2n)



— <sup>77</sup>Ir-173g  
- - - <sup>77</sup>Ir-173m1

19

Incident Energy (MeV)

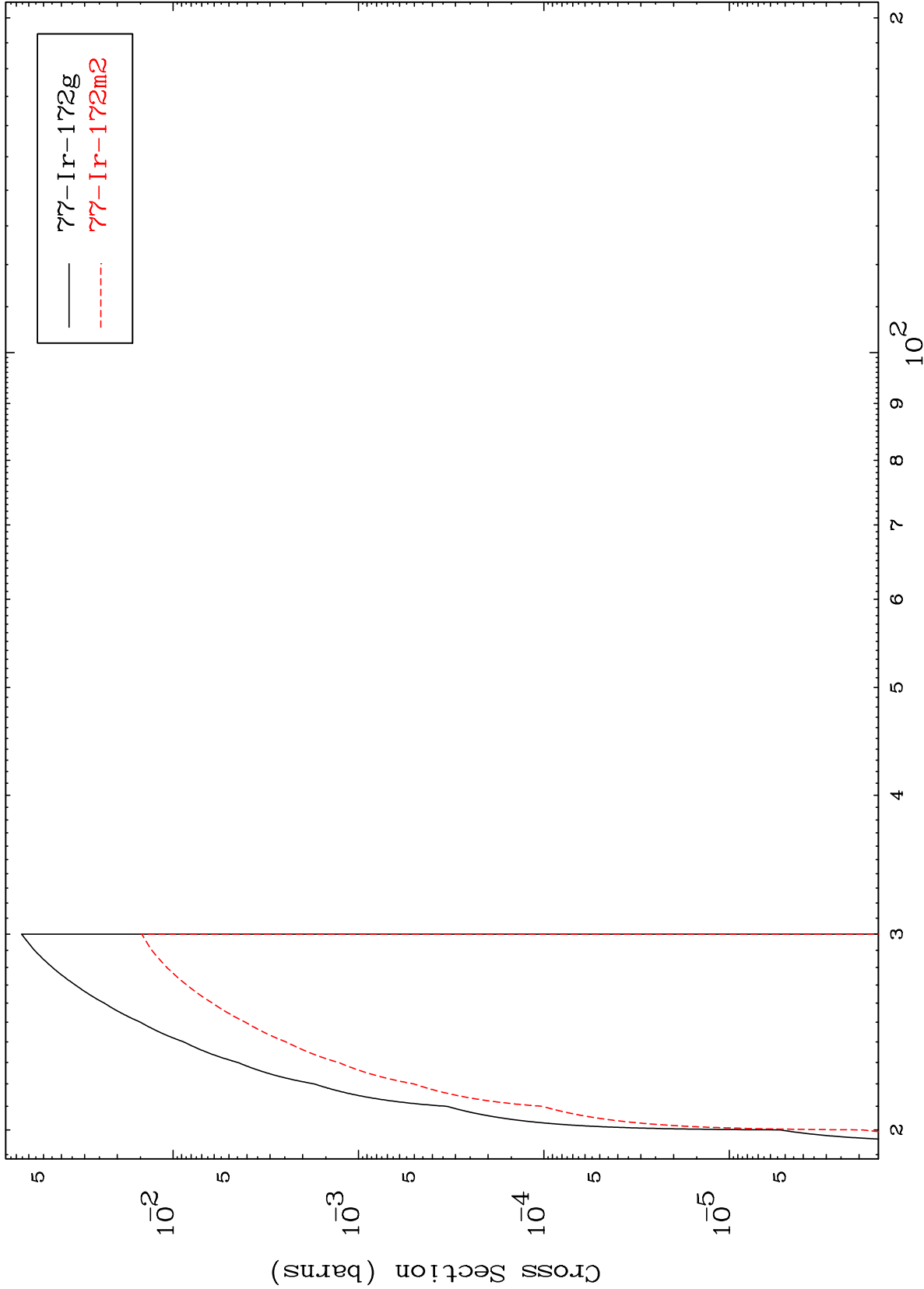
<sup>77</sup>Ir-174

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(n,3n)

<sup>77</sup>Ir-174

Radionuclide Production Cross Section



20

Incident Energy (MeV)

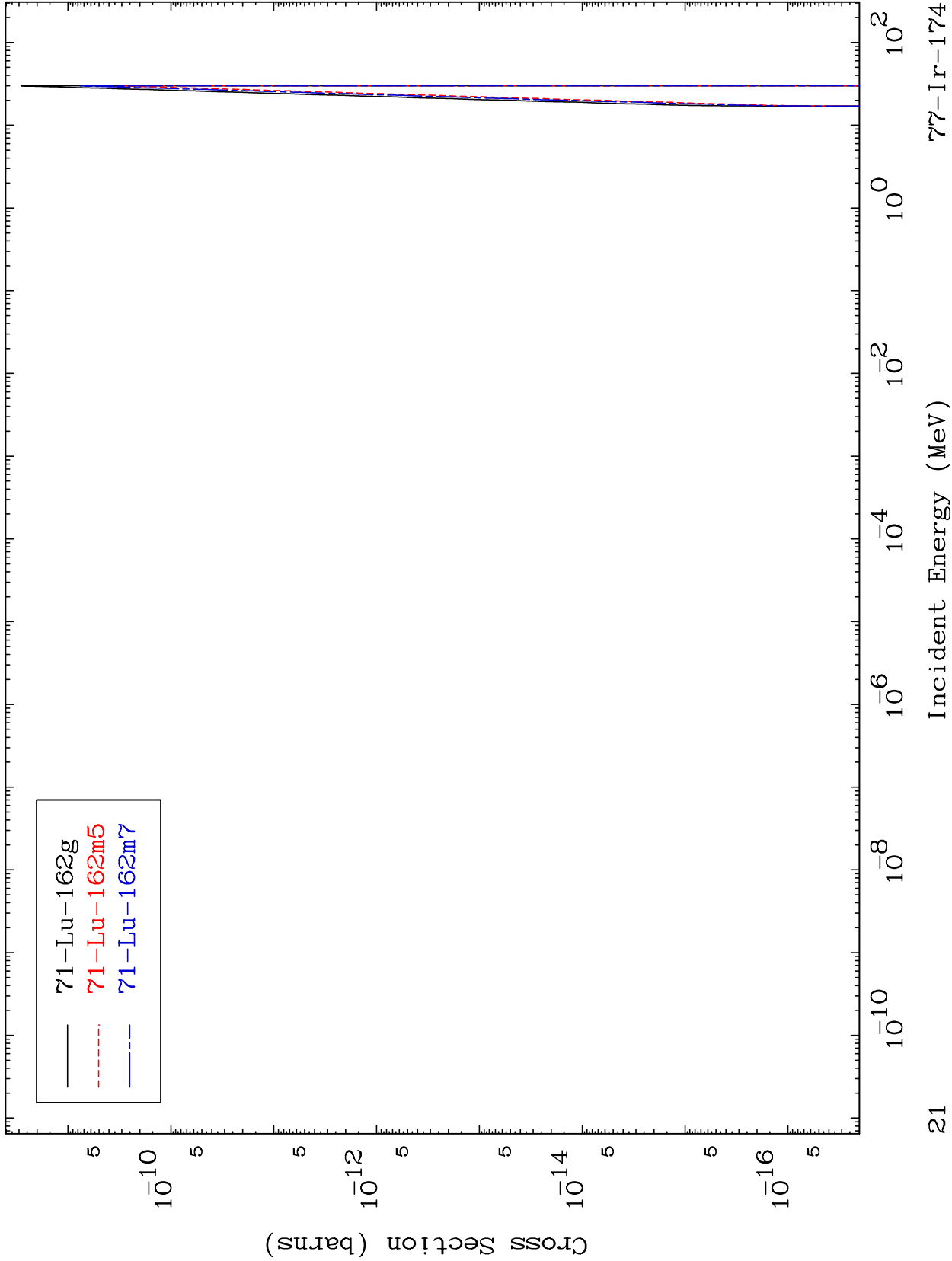
<sup>77</sup>Ir-174

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(n,n') 3 $\alpha$

<sup>77</sup>Ir-174

Radionuclide Production Cross Section

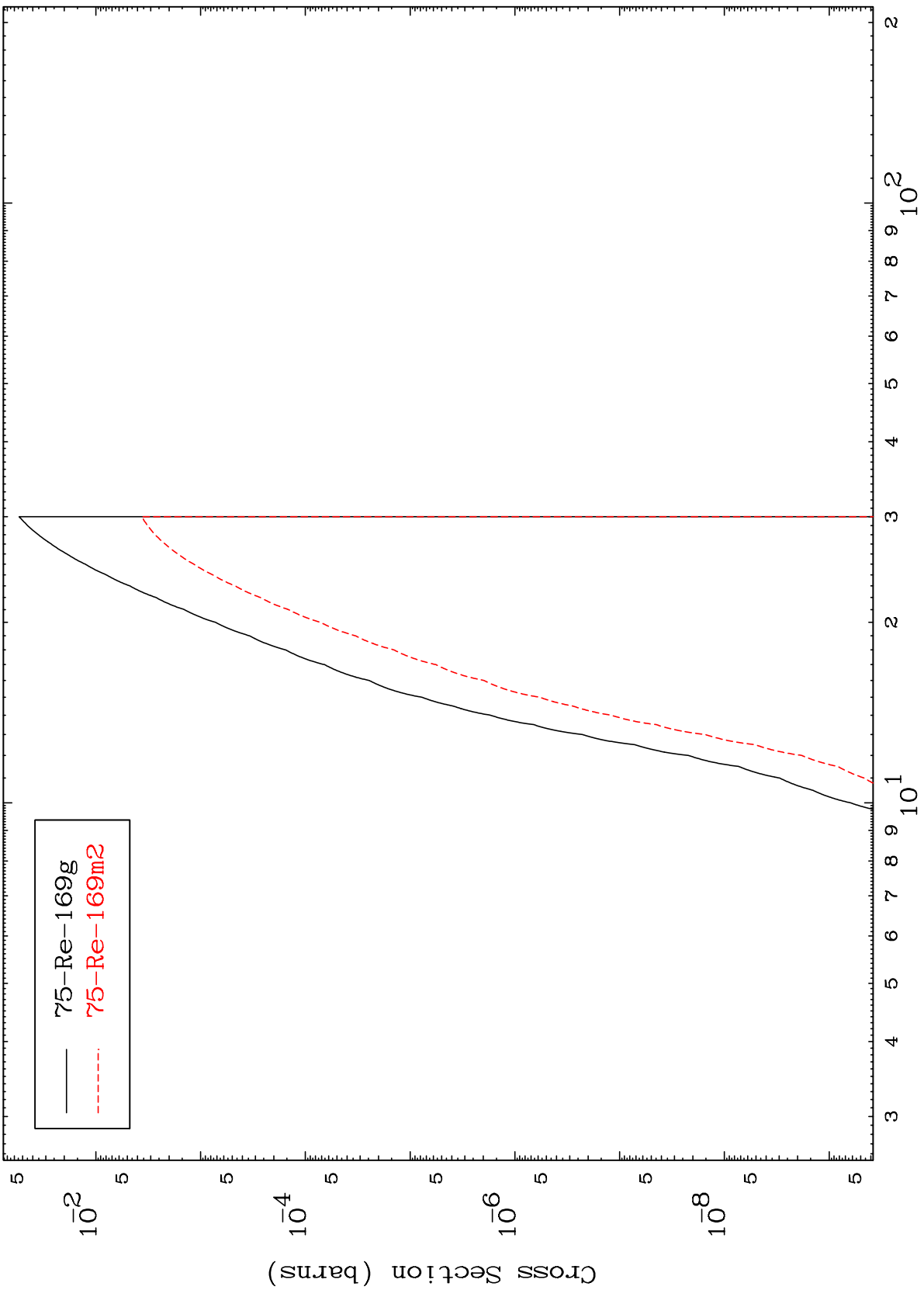


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77-Ir-174

(n,2n)  $\alpha$

Radionuclide Production Cross Section



77-Ir-174

Incident Energy (MeV)

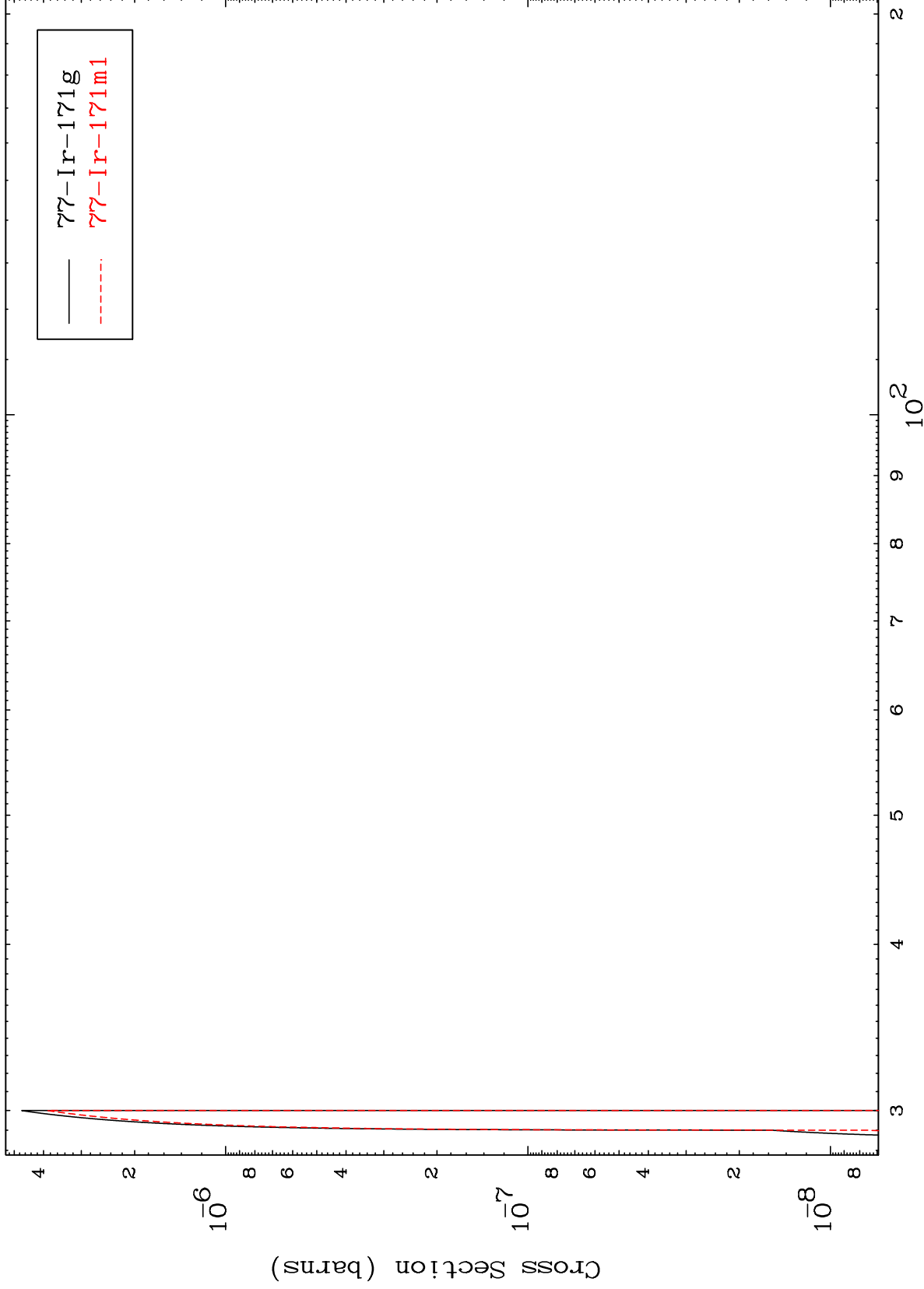
22

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(n,4n)

<sup>77</sup>Ir-174

Radionuclide Production Cross Section



23

Incident Energy (MeV)

<sup>77</sup>Ir-174

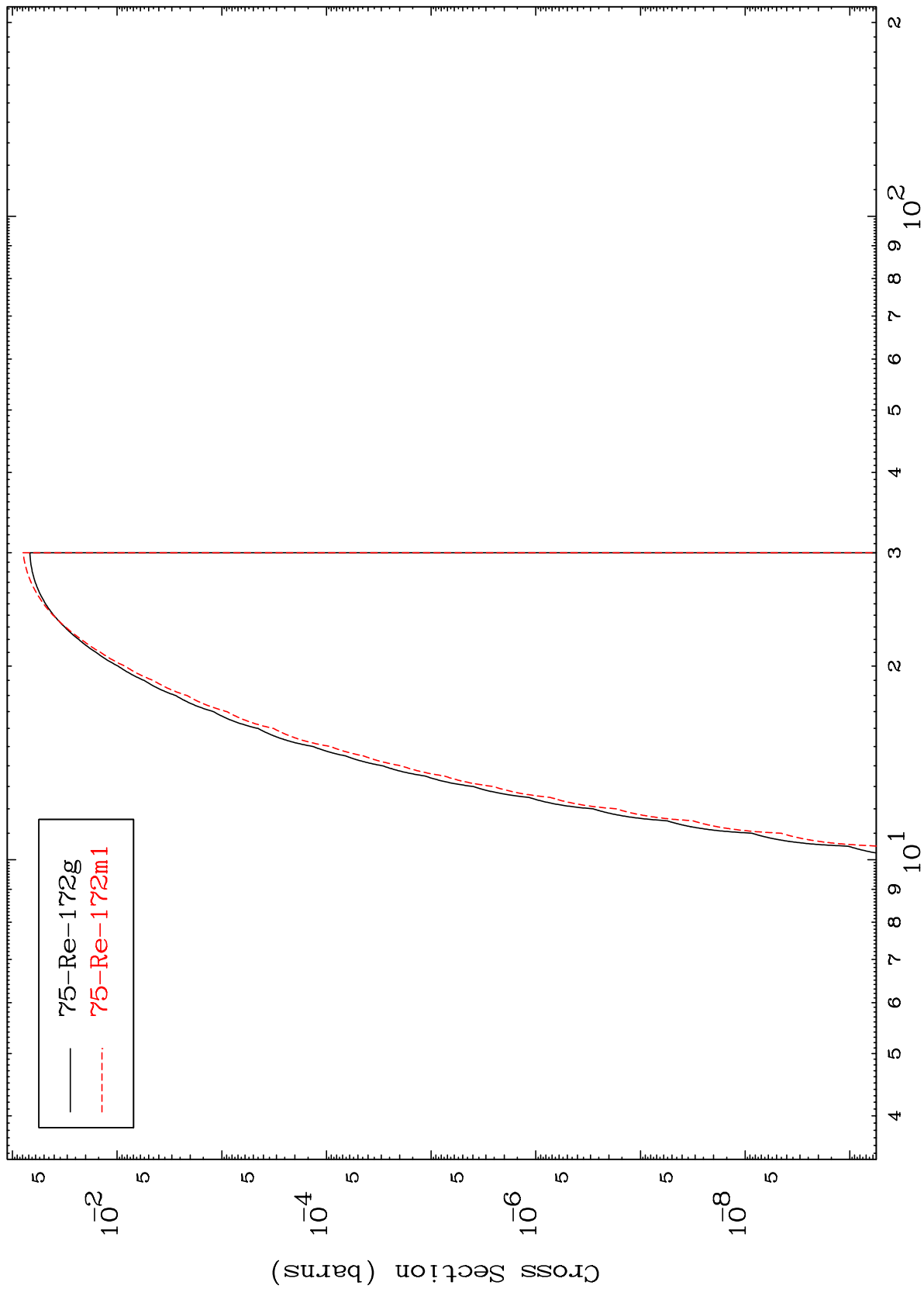


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(n,2n) p

77-Ir-174

Radionuclide Production Cross Section



75-Re-172g  
75-Re-172m1

Incident Energy (MeV)

77-Ir-174

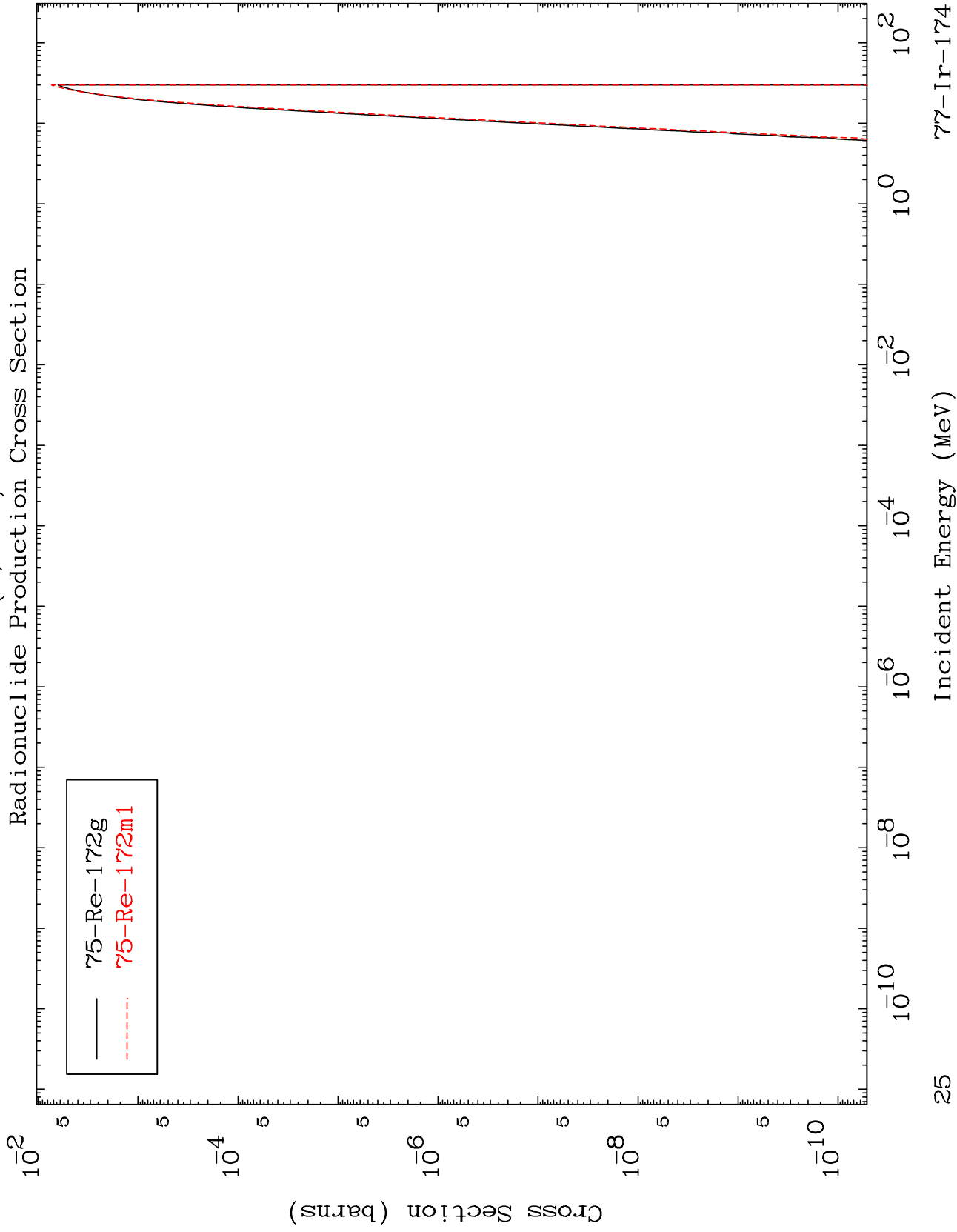
24

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(n,He-3)

<sup>77</sup>Ir-174

Radionuclide Production Cross Section



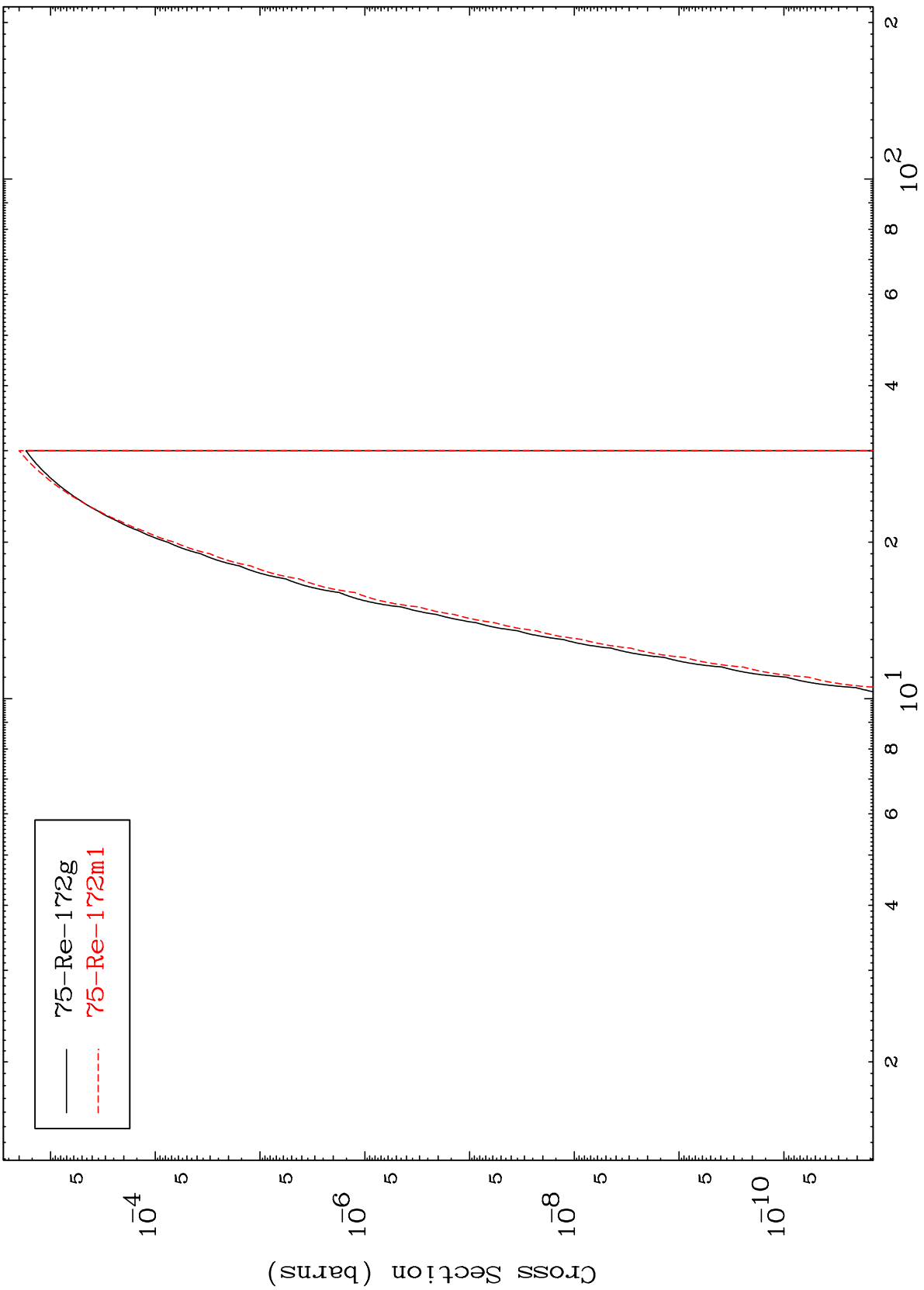
75-Re-172g  
75-Re-172m1

MAT 7675

(n,p) d

<sup>77</sup>Ir-174

Radionuclide Production Cross Section



75-Re-172g  
75-Re-172m1