

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

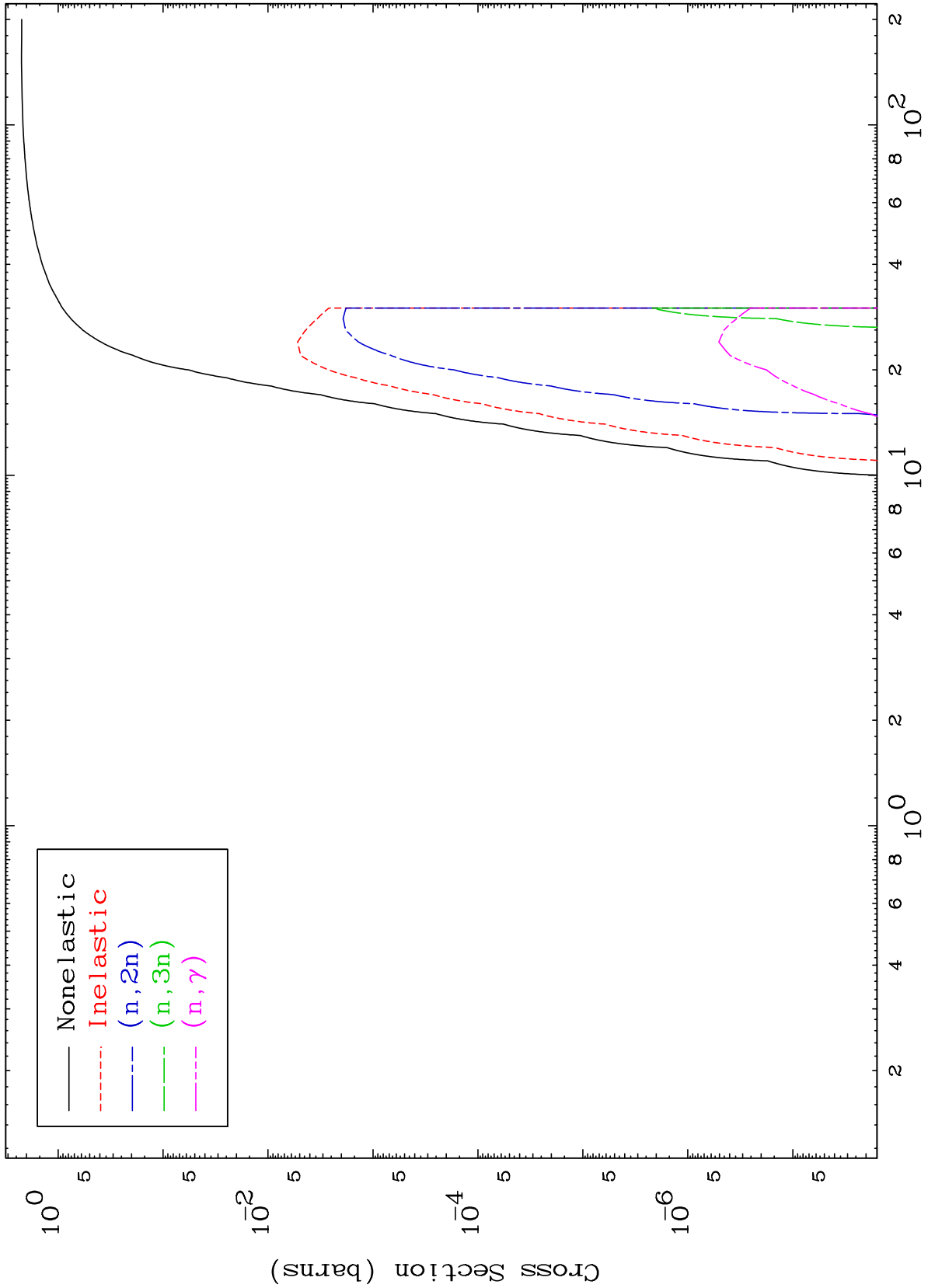
Press Mouse Button to Start

MAT 7675

He-3 Major

<sup>77</sup>Ir-174m

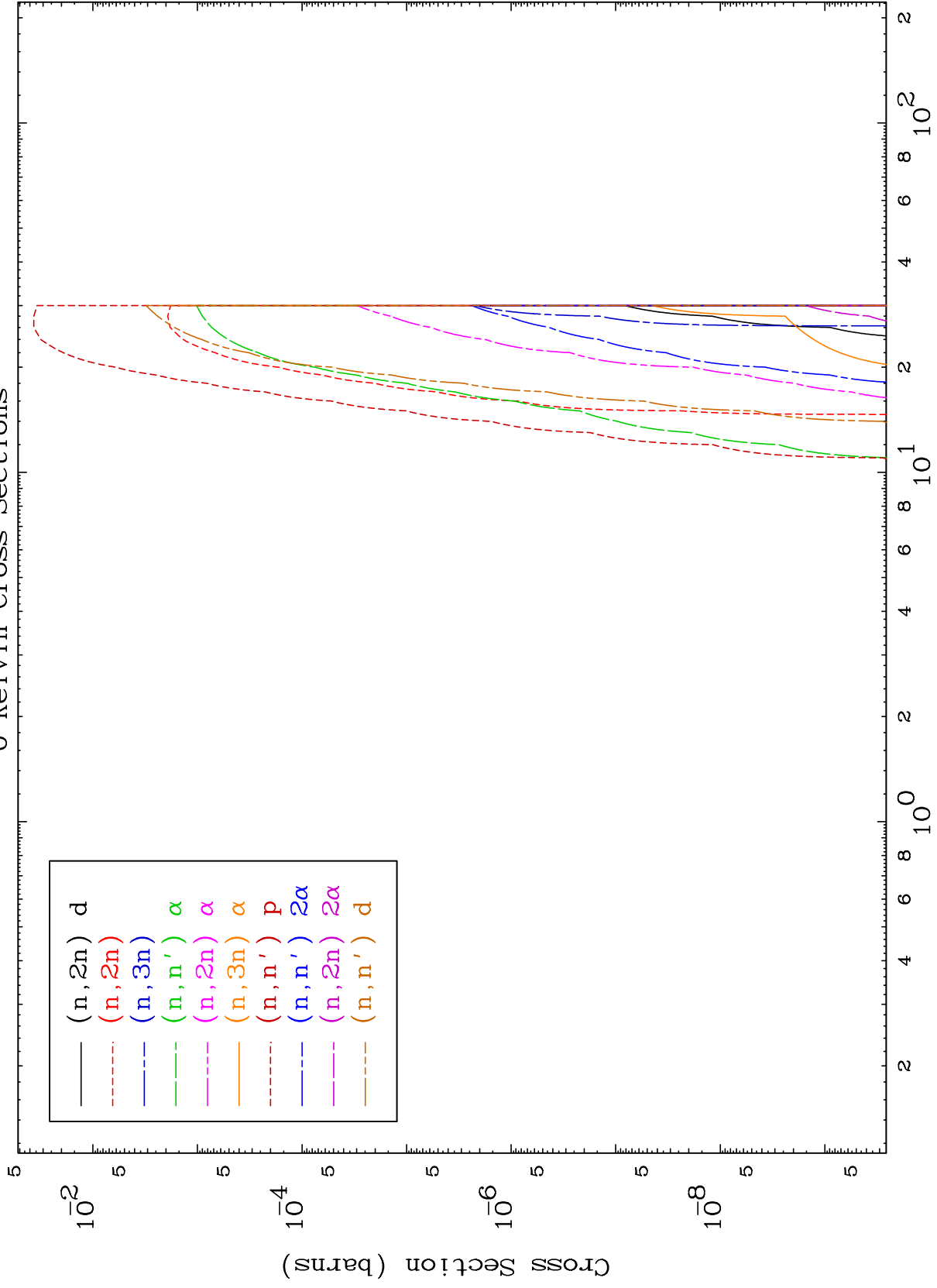
0 Kelvin Cross Sections



MAT 7675

He-3 Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-174m



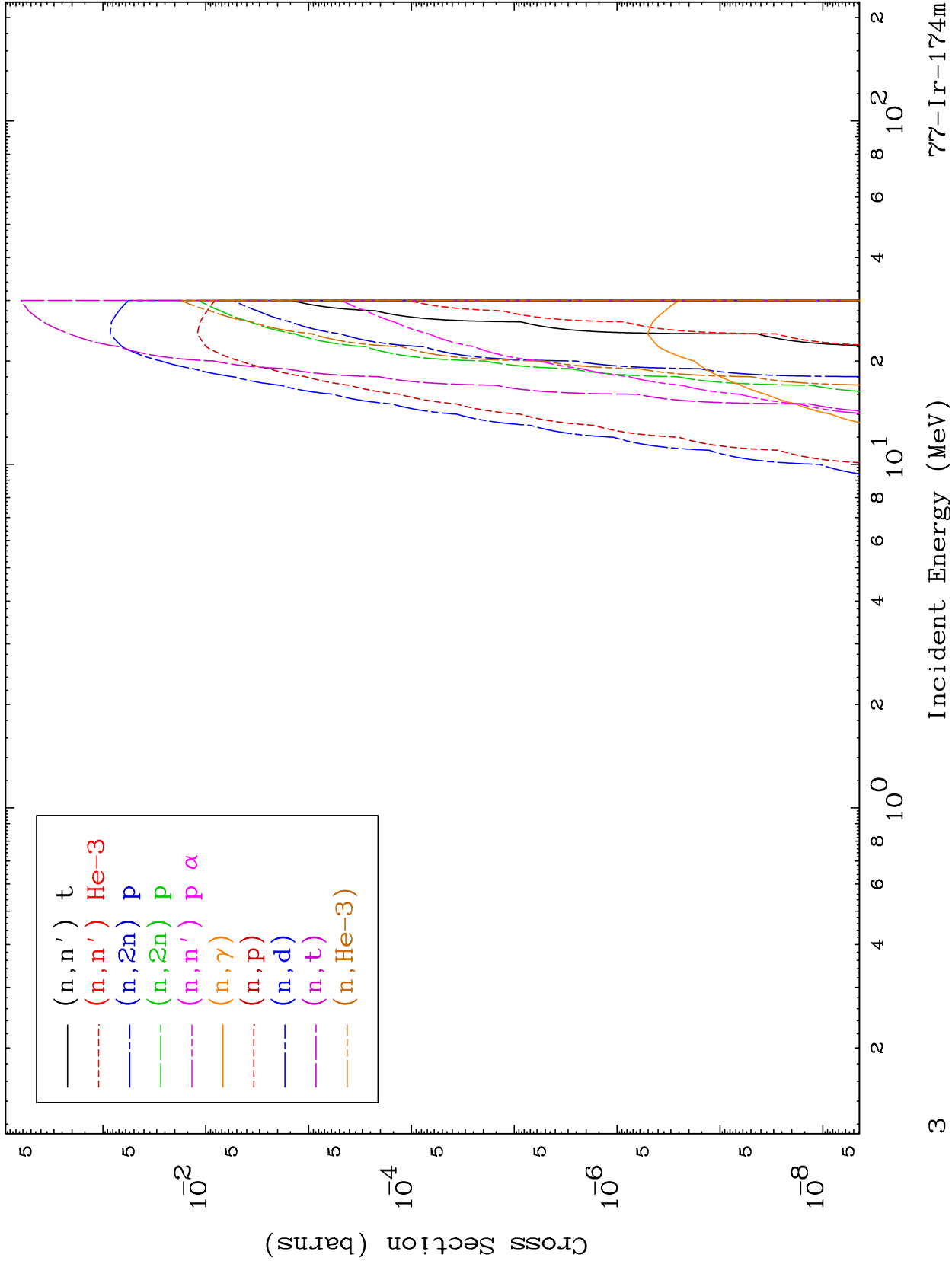
77-Ir-174m

Incident Energy (MeV)

MAT 7675

He-3 Neutron Absorption  
0 Kelvin Cross Sections

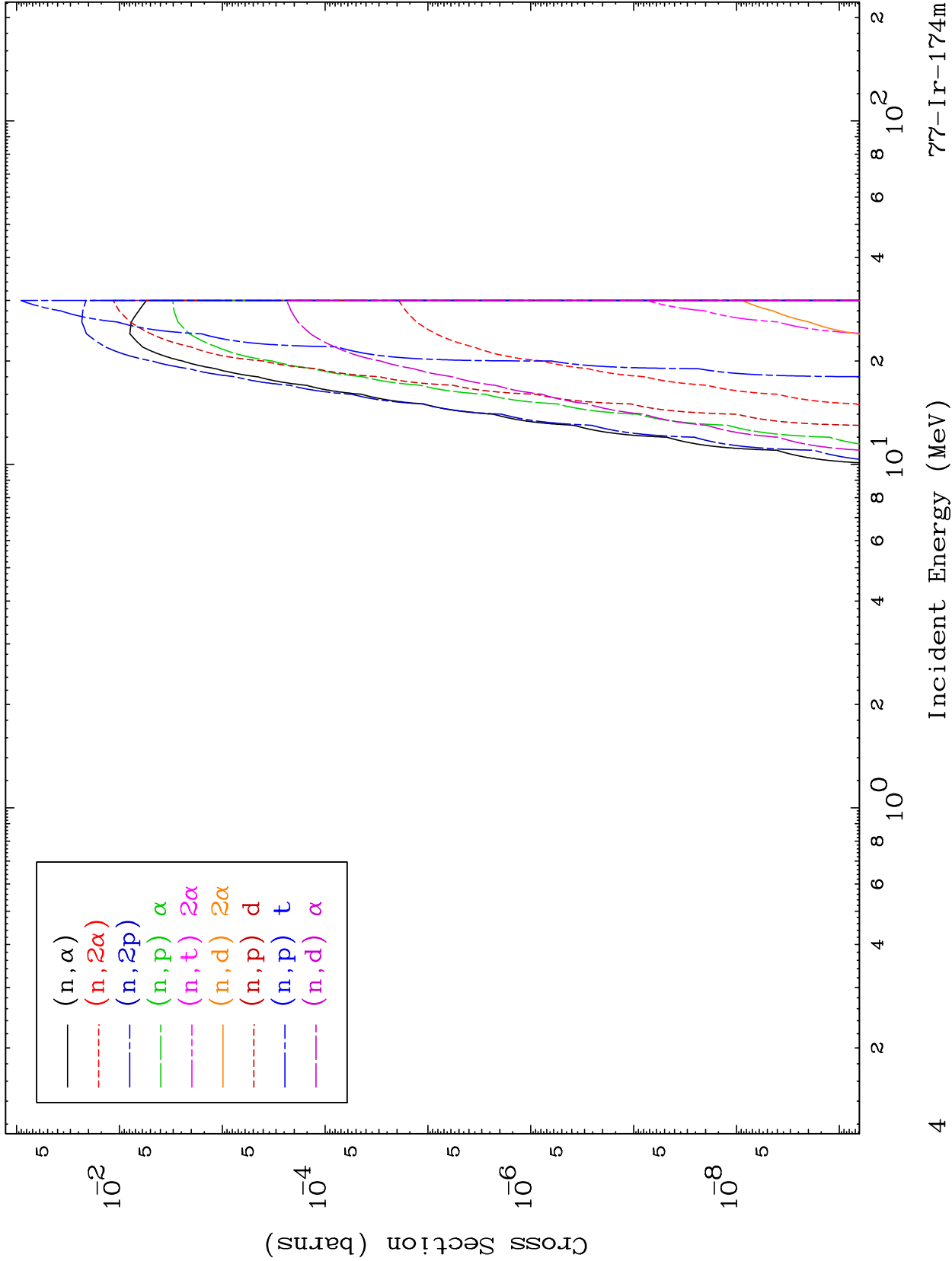
77-Ir-174m



MAT 7675

He-3 Neutron Absorption  
0 Kelvin Cross Sections

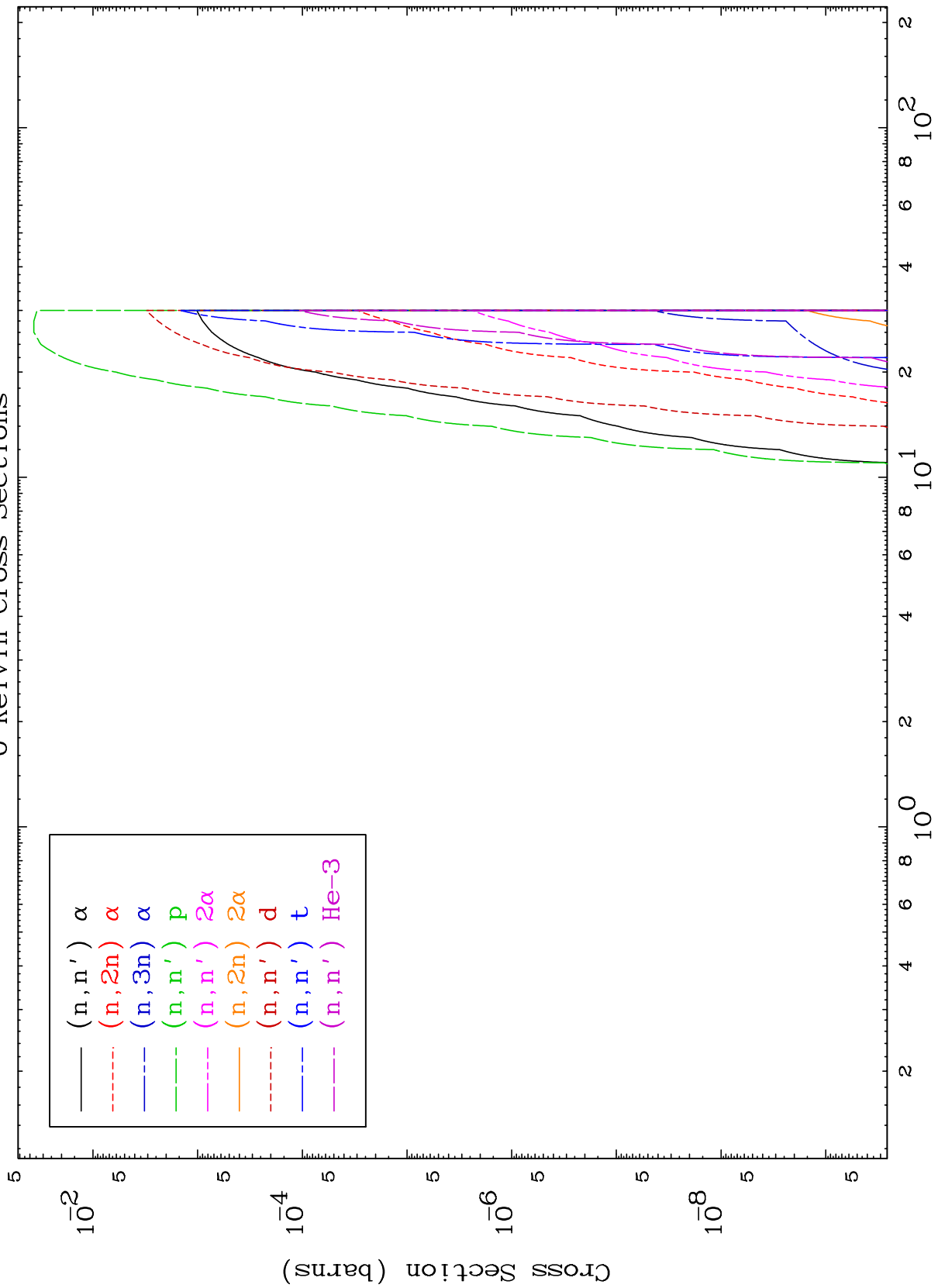
77-Ir-174m



MAT 7675

He-3 Charged Particle  
0 Kelvin Cross Sections

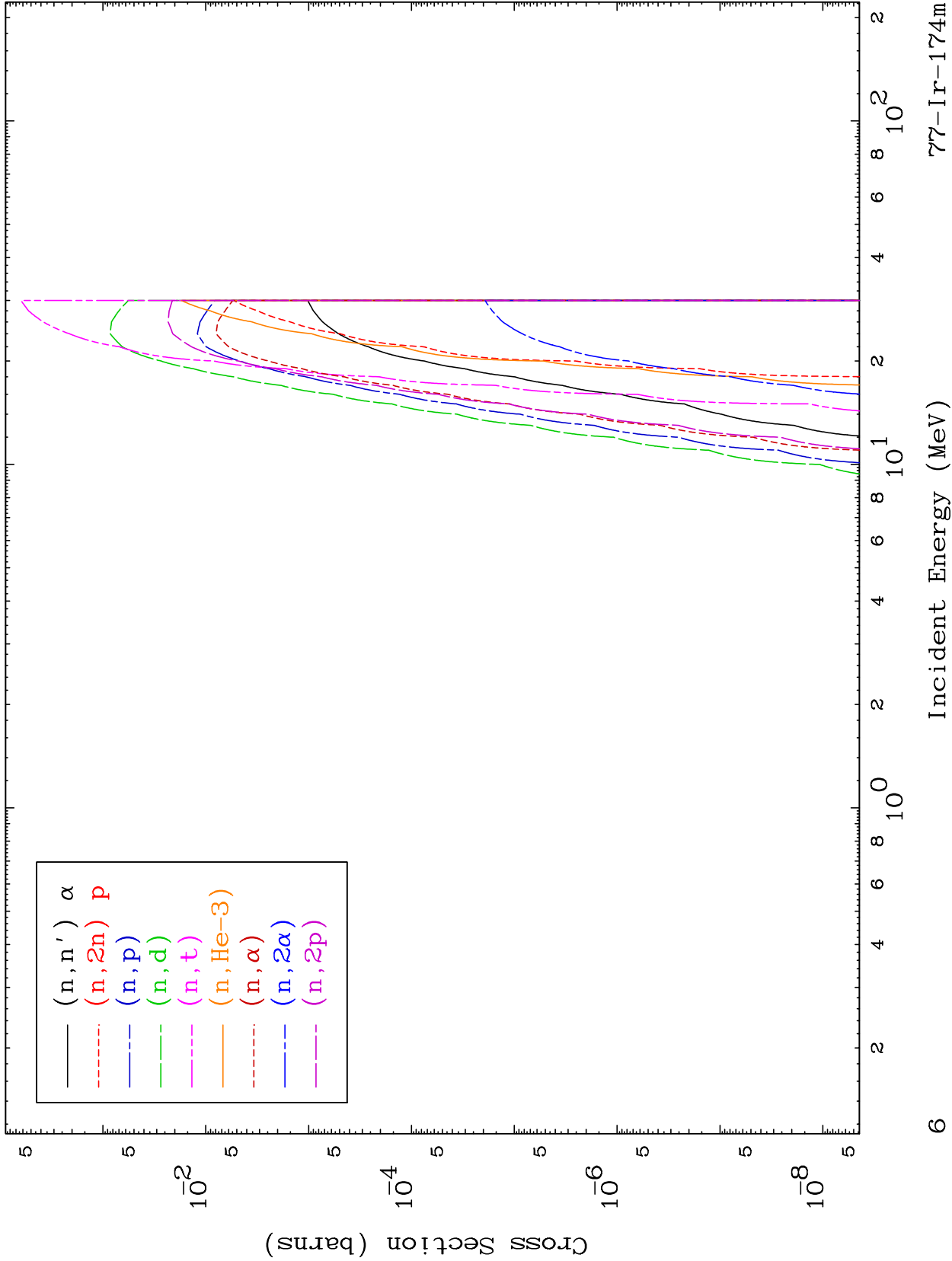
77-Ir-174m

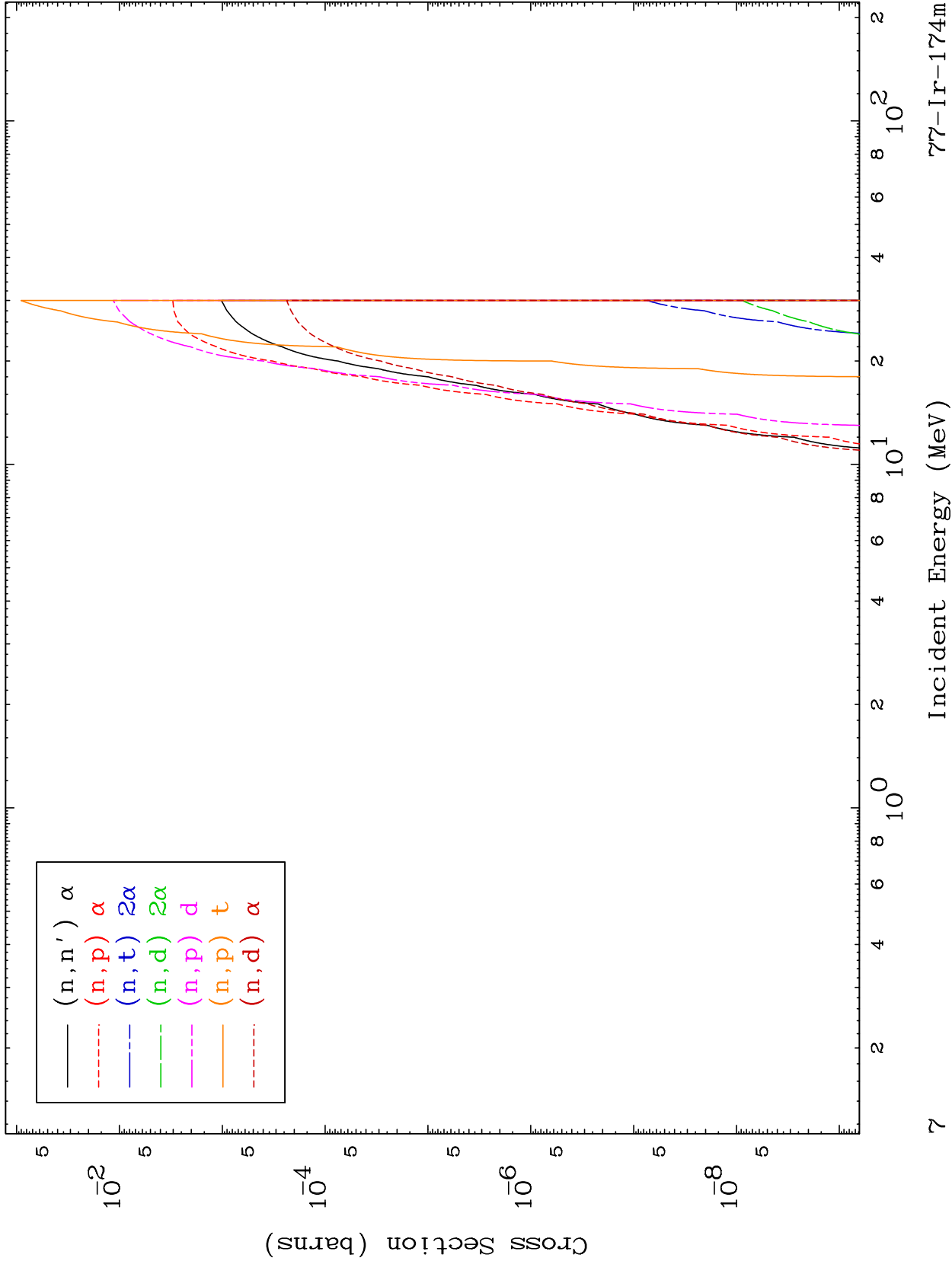


MAT 7675

He-3 Charged Particle  
0 Kelvin Cross Sections

77-Ir-174m

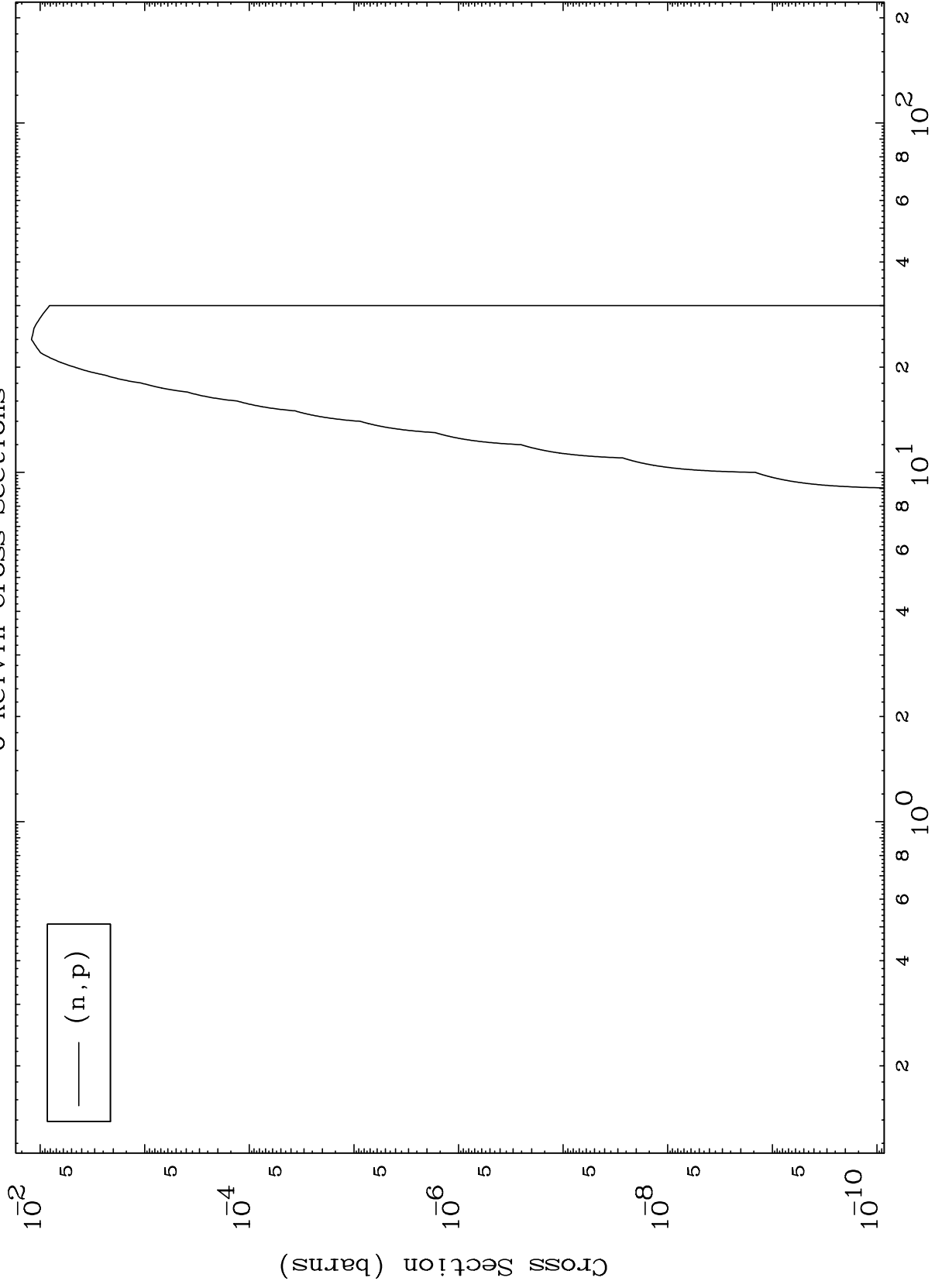




MAT 7675

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

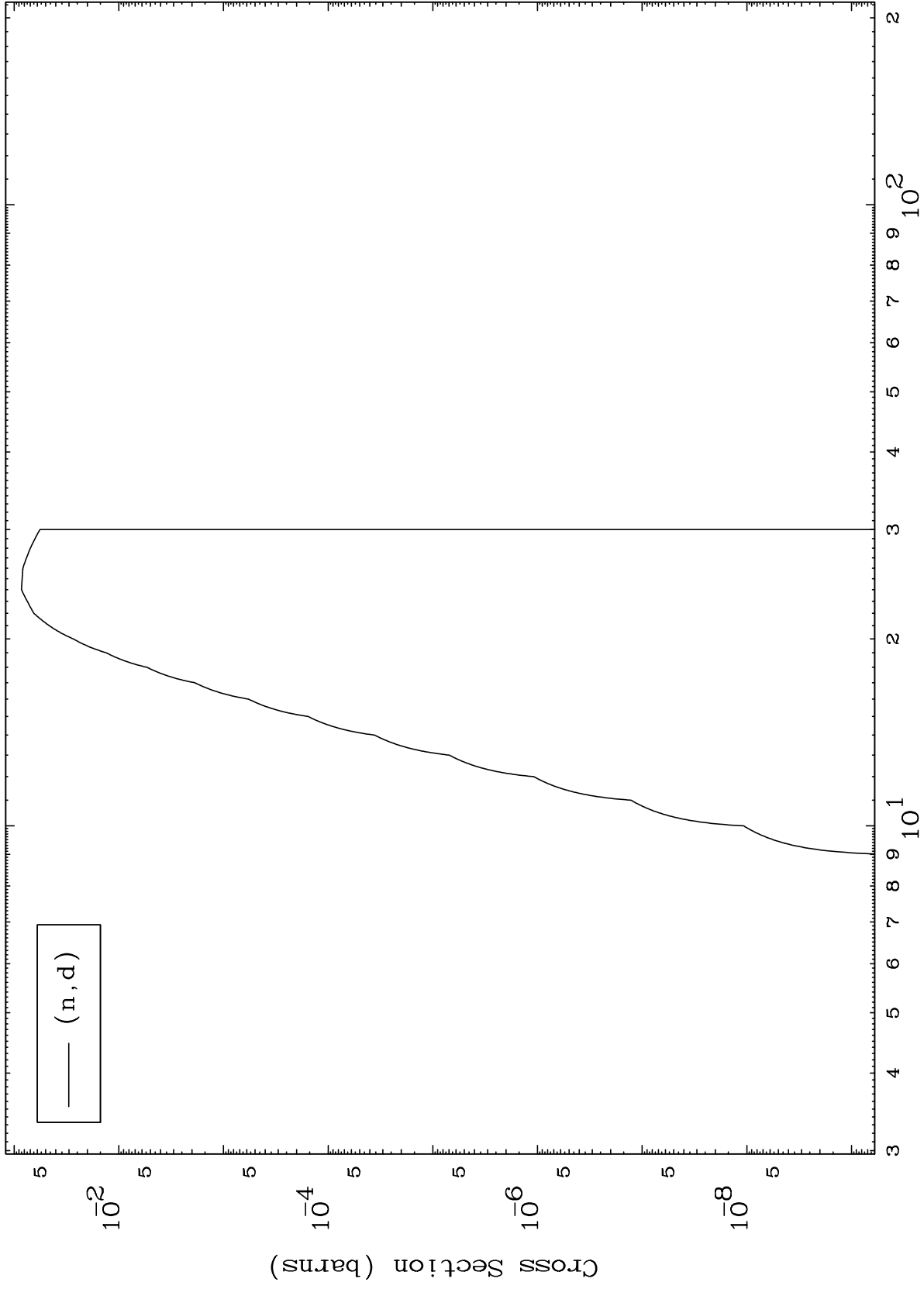
77-Ir-174m



MAT 7675

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

77-Ir-174m



9

Incident Energy (MeV)

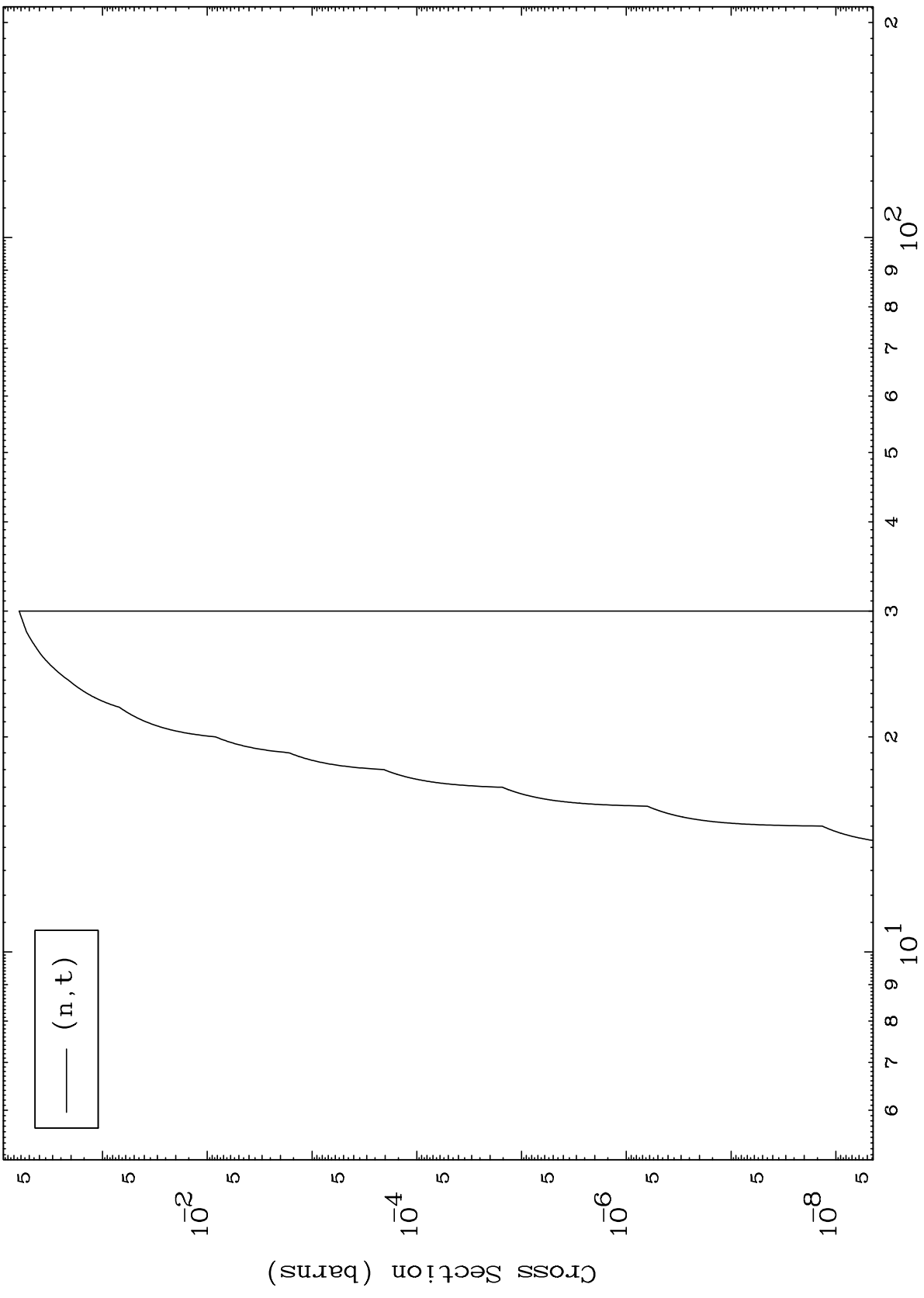
77-Ir-174m

MAT 7675

(He-3, t) Levels

77-Ir-174m

0 Kelvin Cross Sections



10

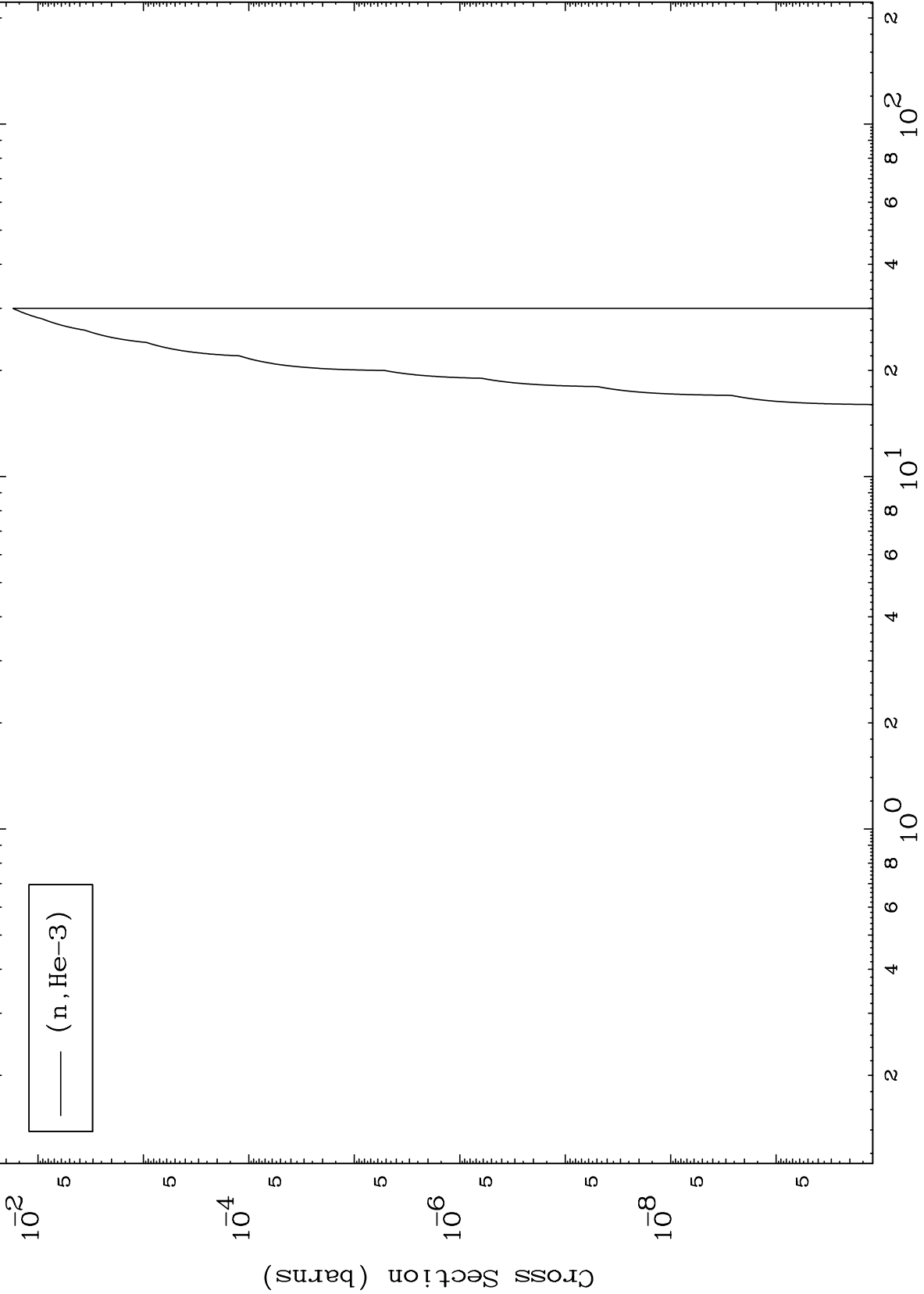
Incident Energy (MeV)

77-Ir-174m

MAT 7675

(He-3, He3) Levels  
0 Kelvin Cross Sections

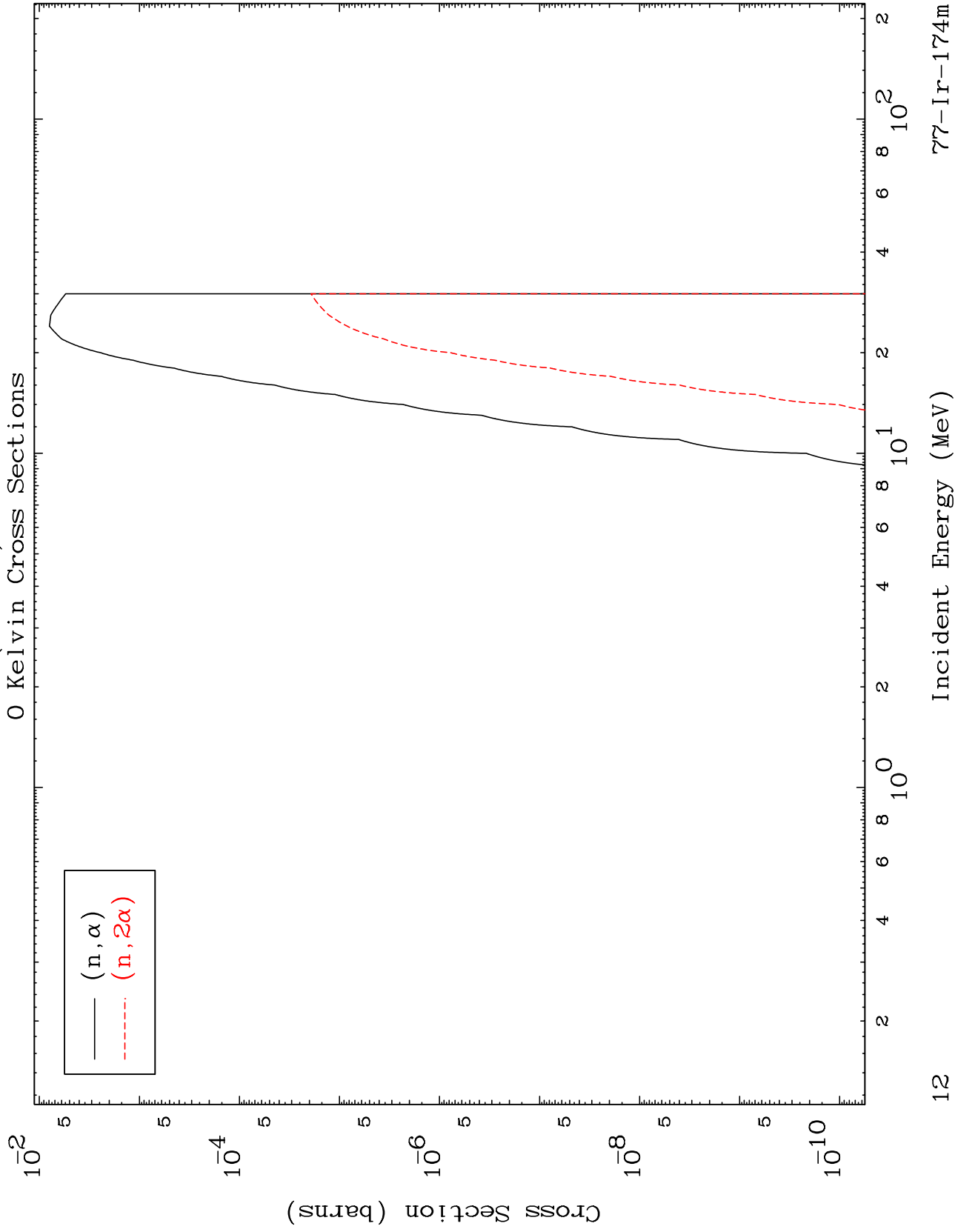
77-Ir-174m



MAT 7675

(He-3,  $\alpha$ ) Levels

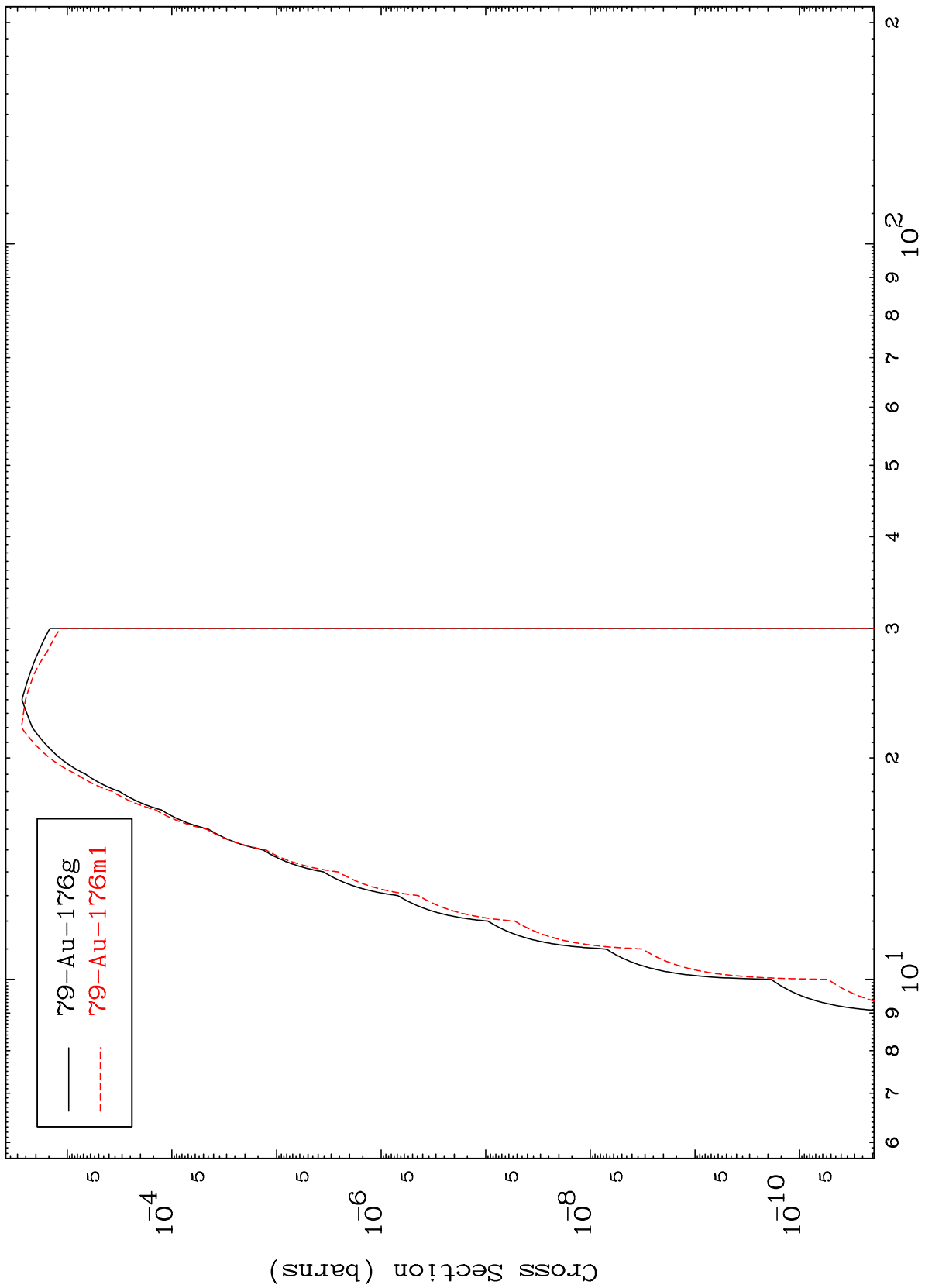
77-Ir-174m



MAT 7675

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-174m



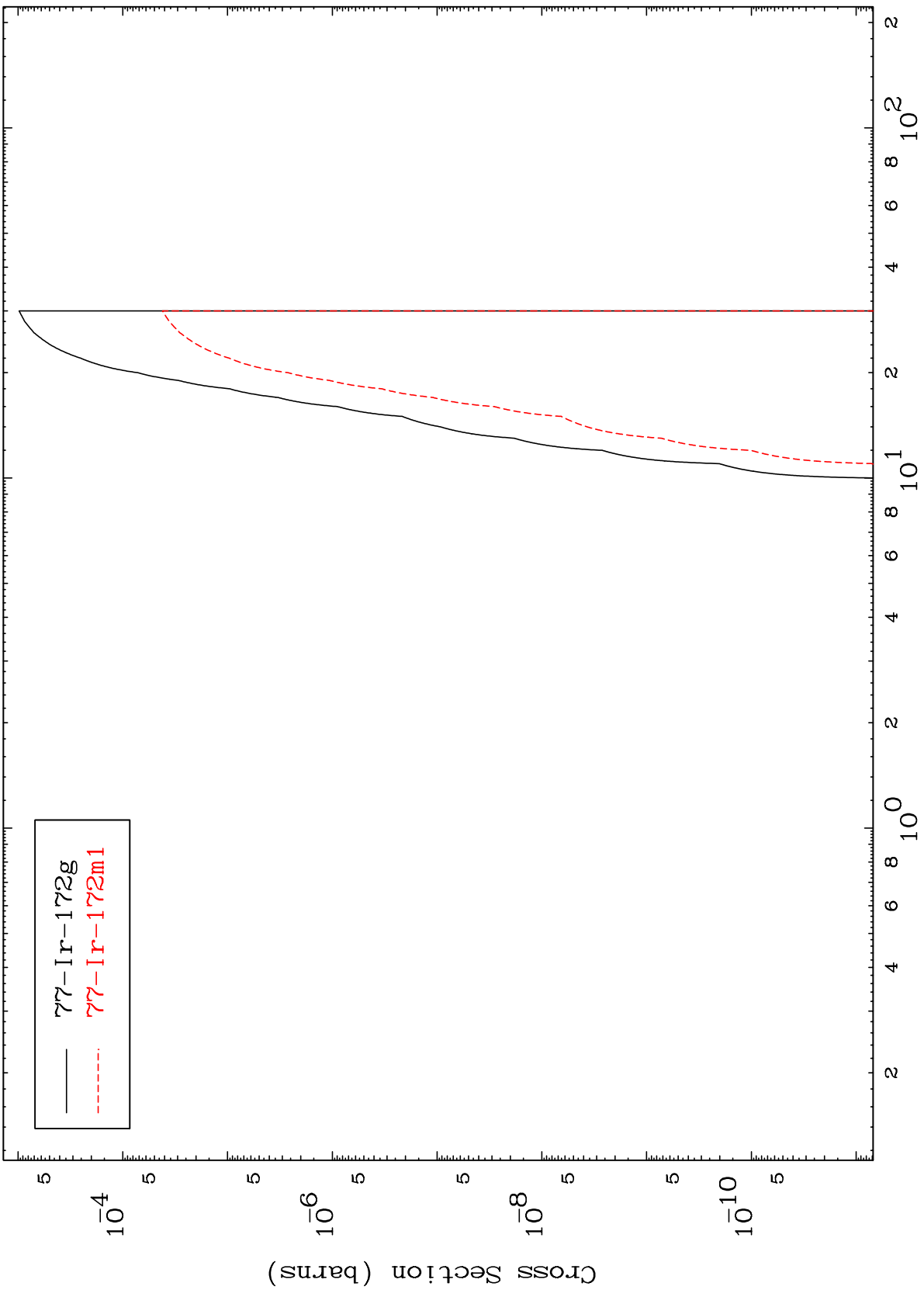
<sup>77</sup>Ir-174m

MAT 7675

$(n, n') \alpha$

$^{77}\text{Ir}-174\text{m}$

Radionuclide Production Cross Section

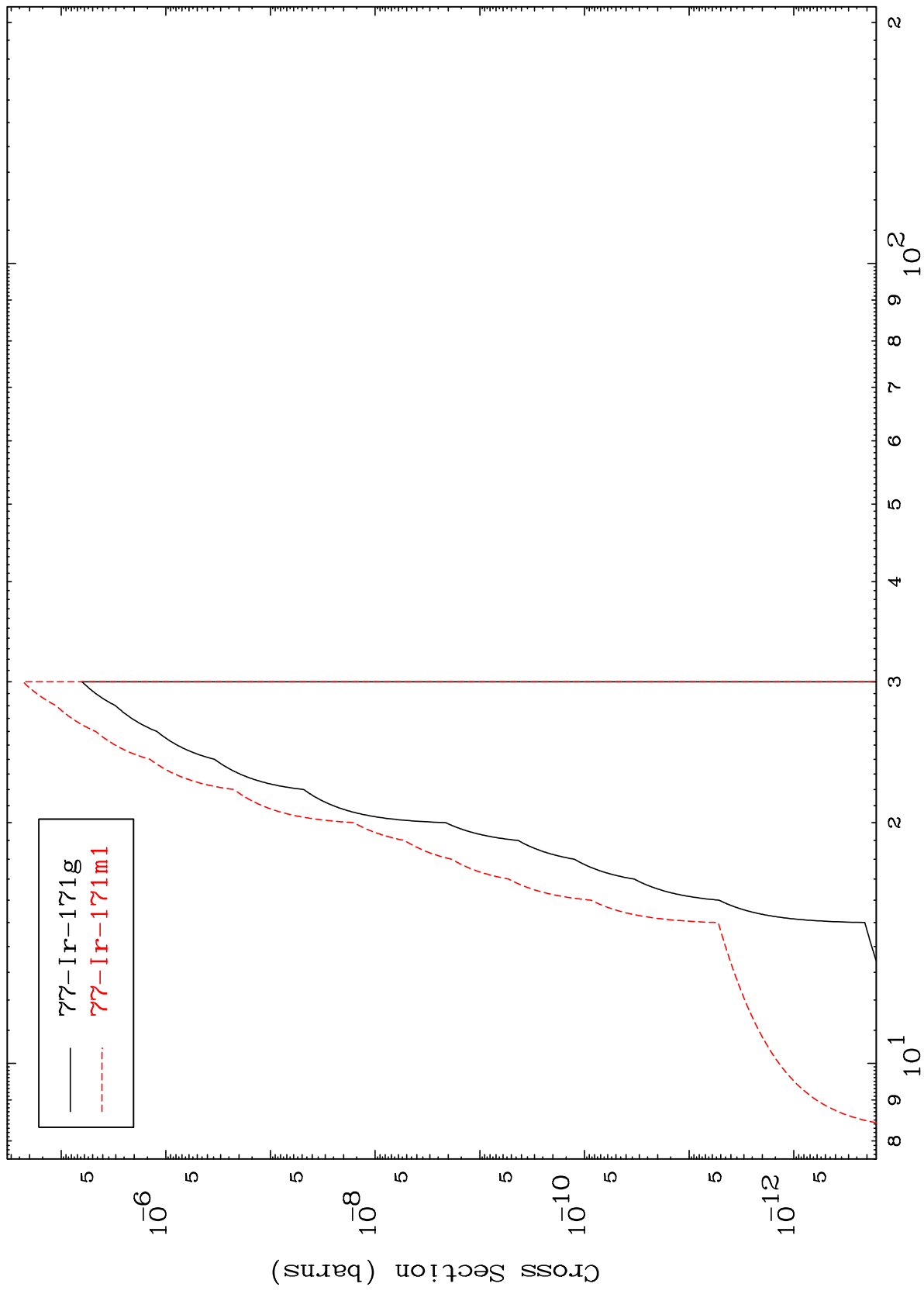


MAT 7675

(n,2n)  $\alpha$

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-174m

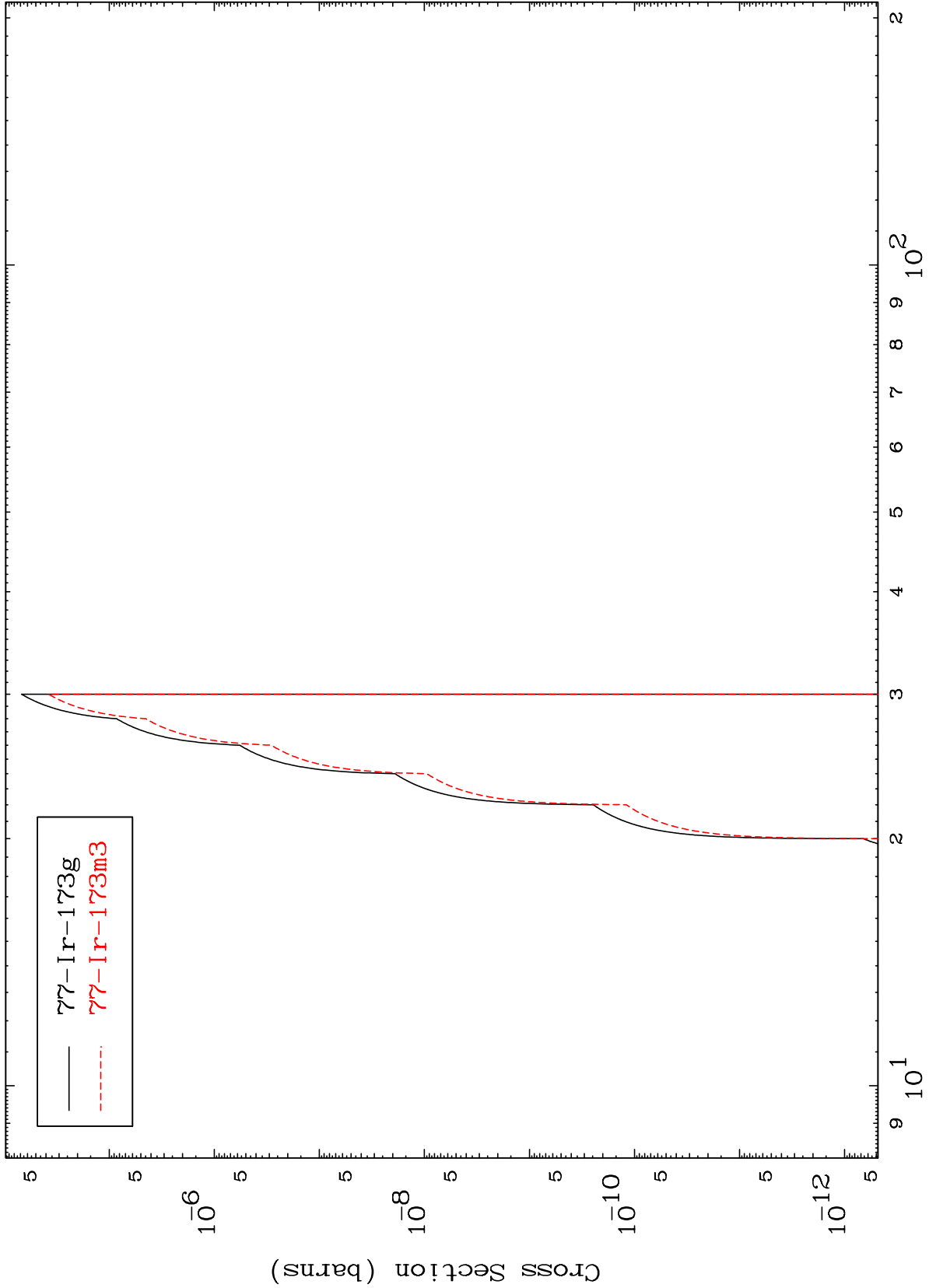
15

MAT 7675

(n,n') He-3

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section

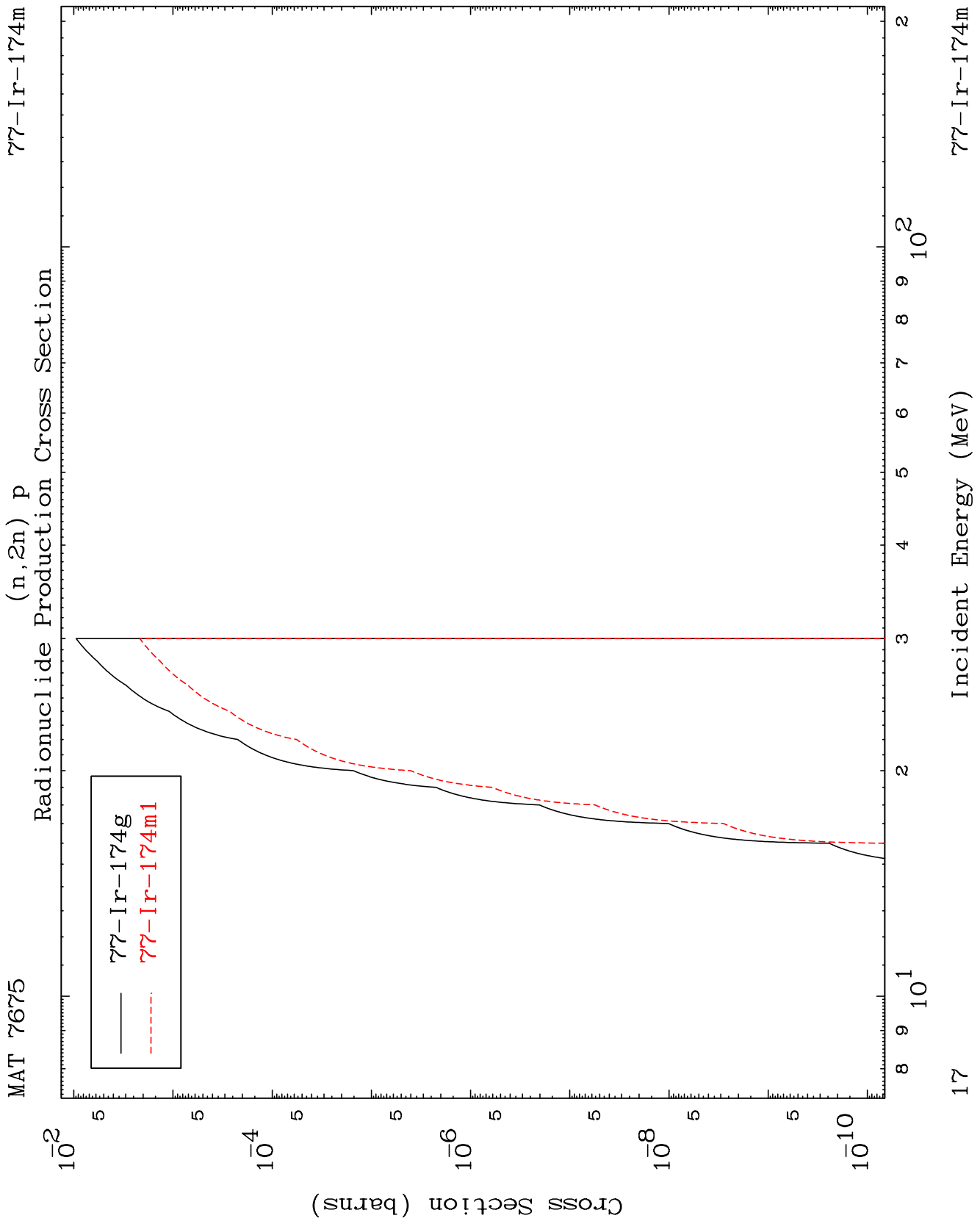


— <sup>77</sup>Ir-173g  
- - - <sup>77</sup>Ir-173m3

16

Incident Energy (MeV)

<sup>77</sup>Ir-174m

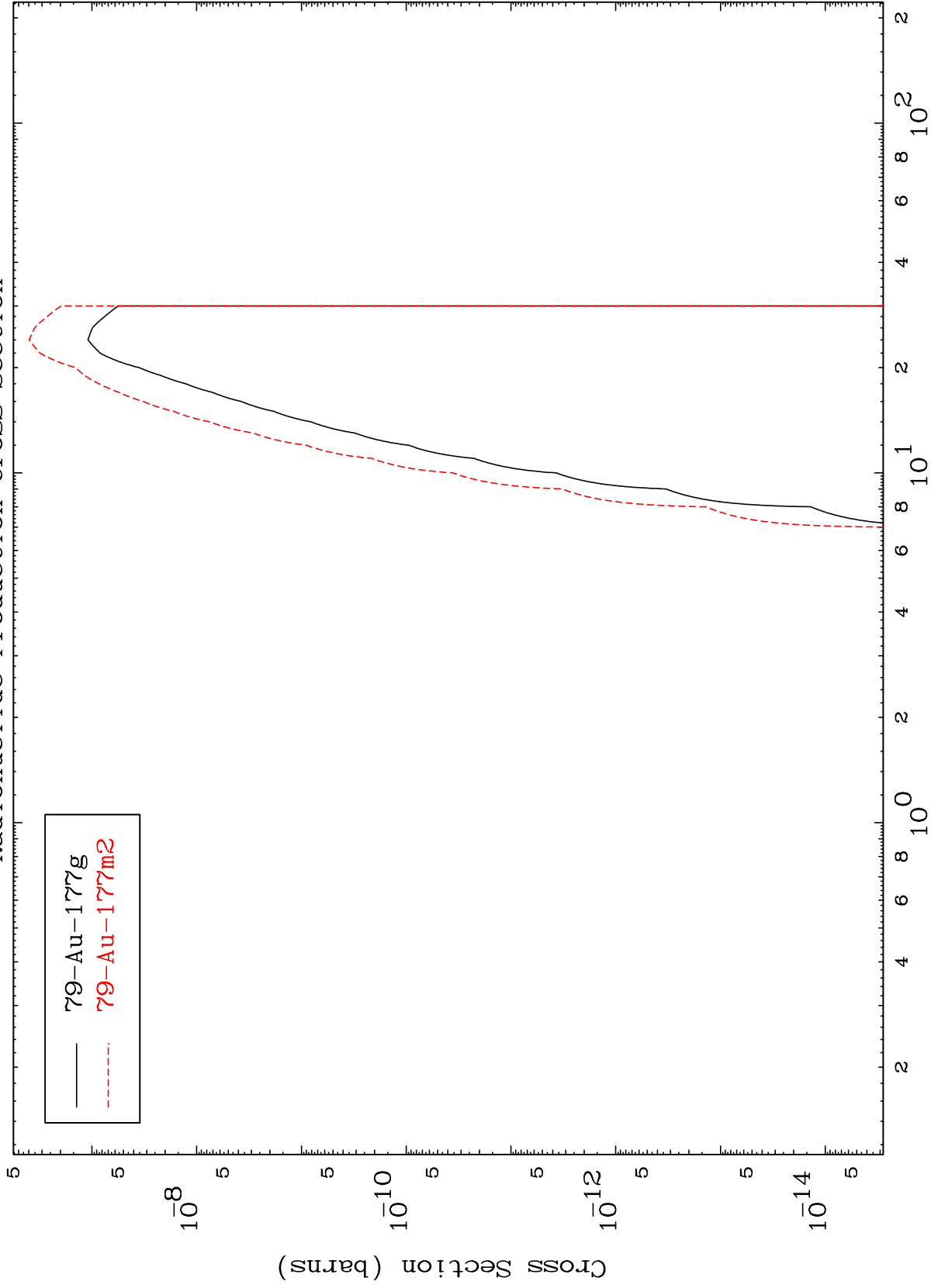


MAT 7675

(n,  $\gamma$ )

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section

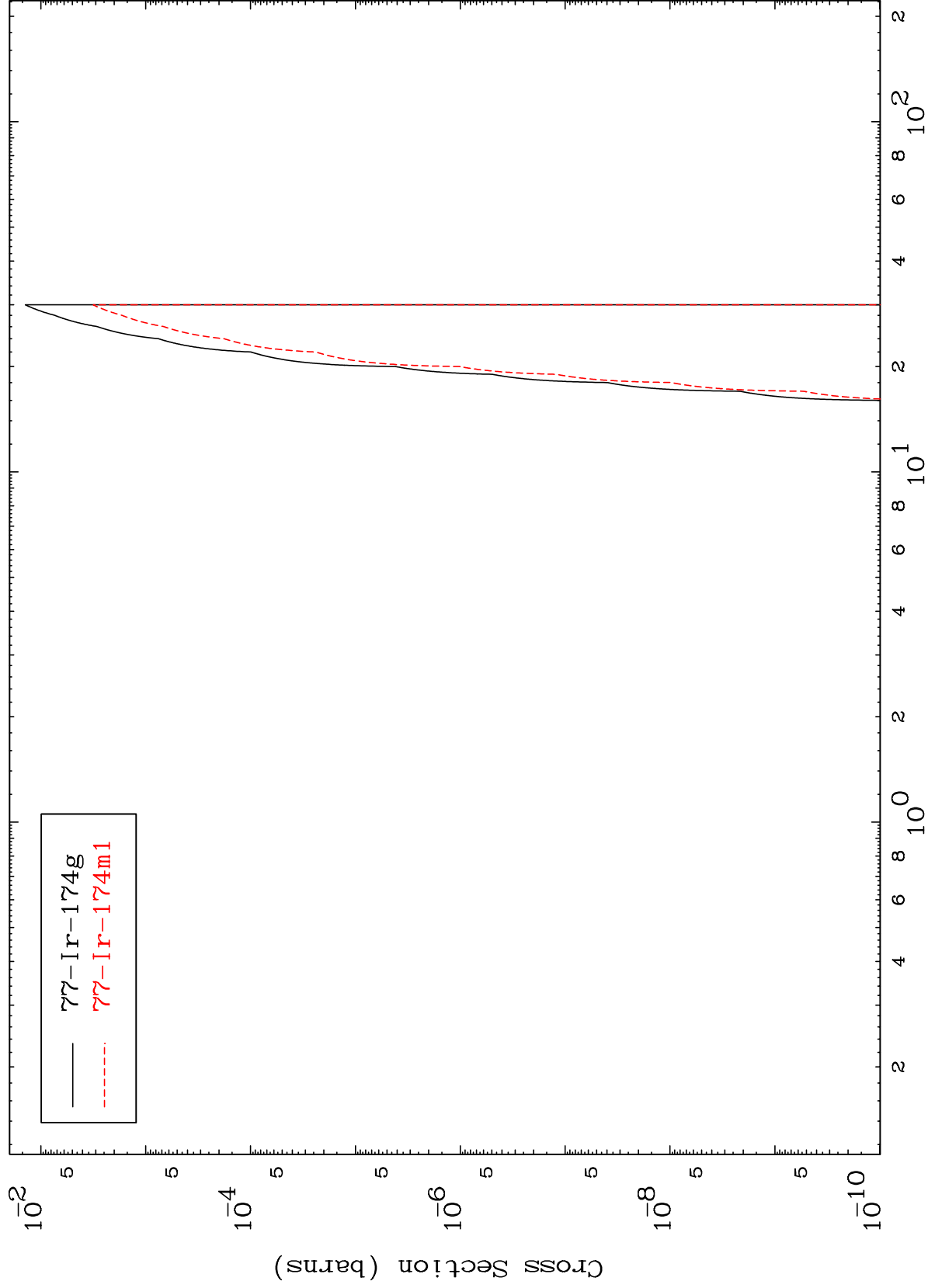


MAT 7675

(n,He-3)

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

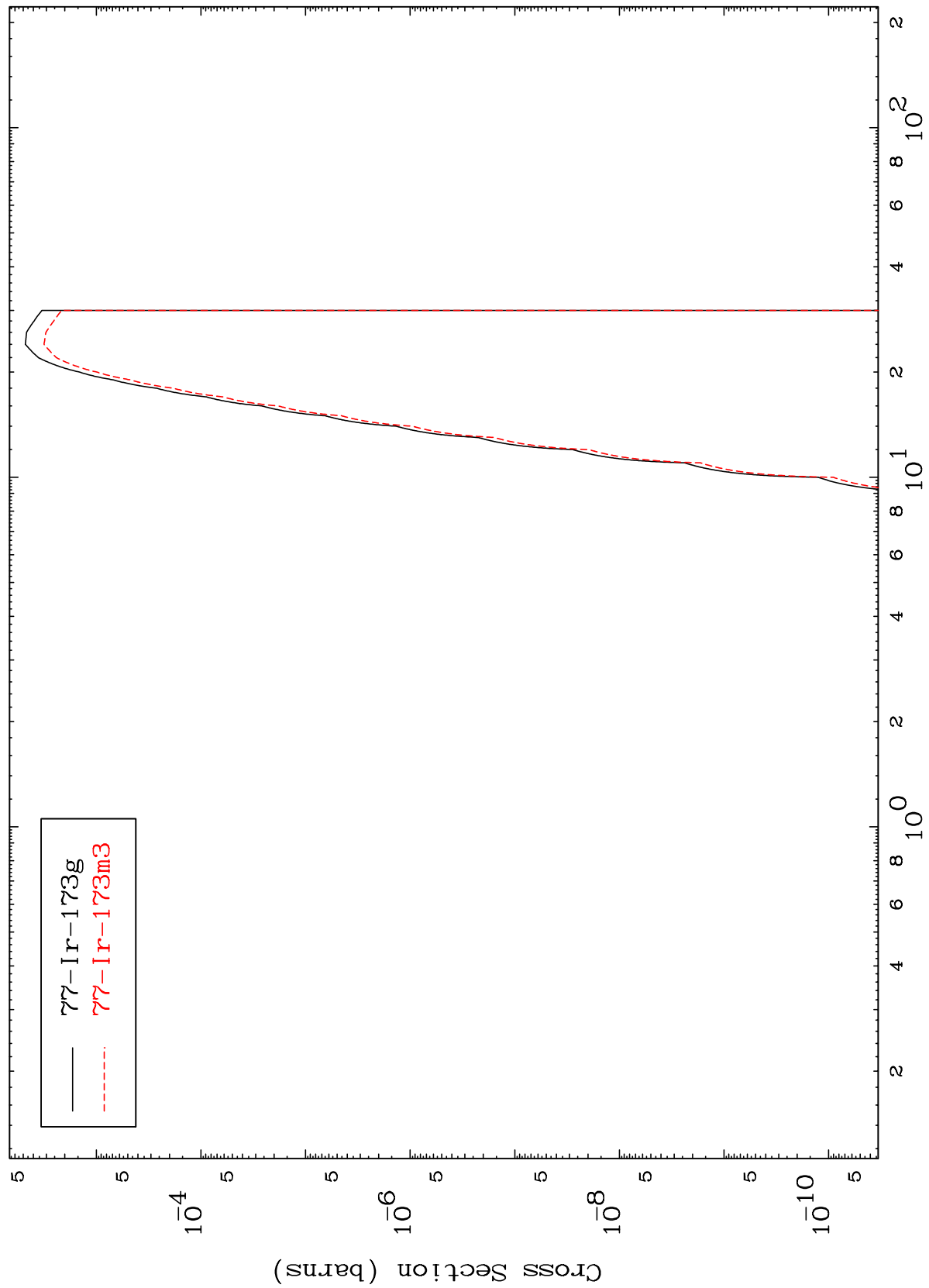
<sup>77</sup>Ir-174m

MAT 7675

(n,  $\alpha$ )

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

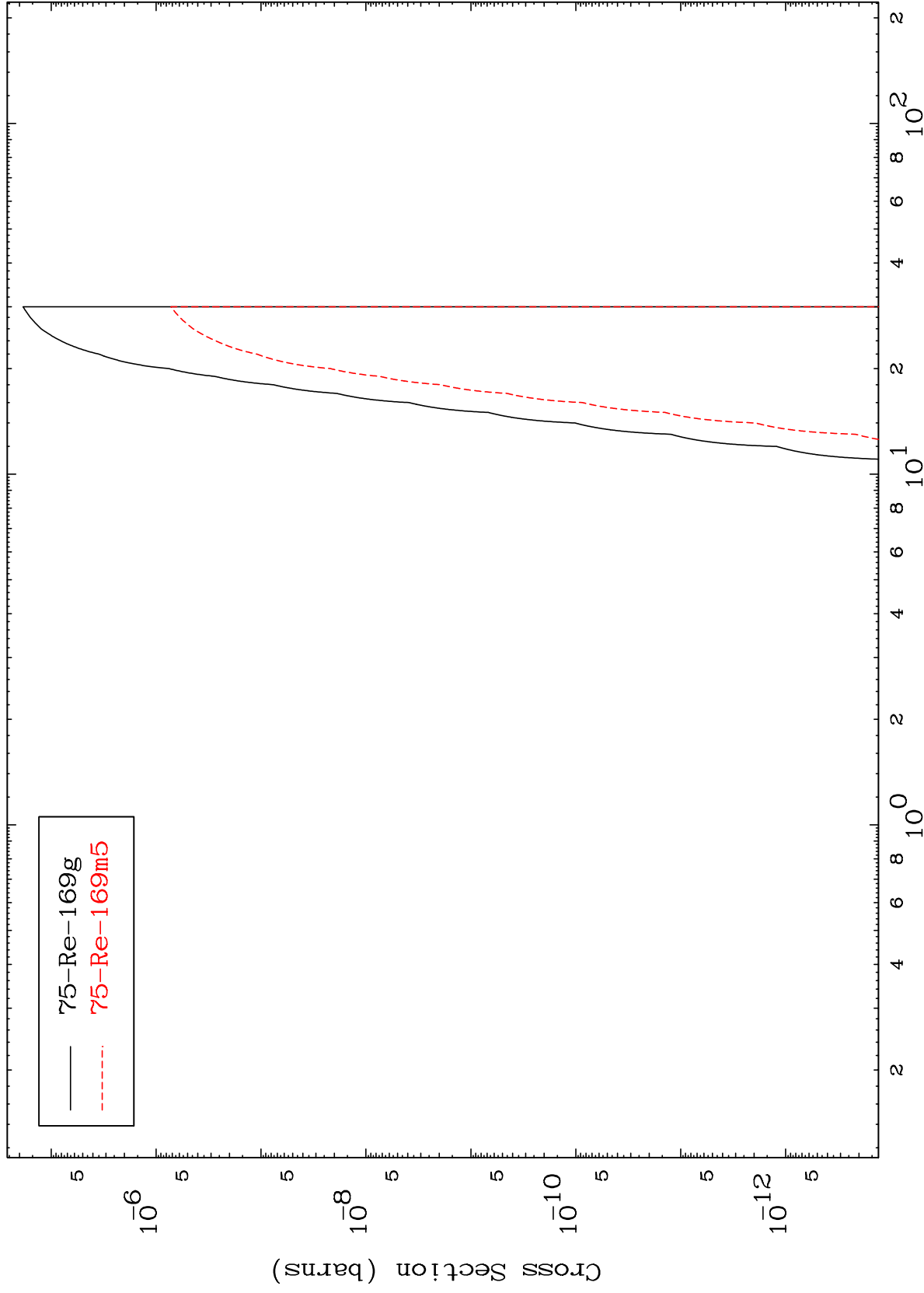
<sup>77</sup>Ir-174m

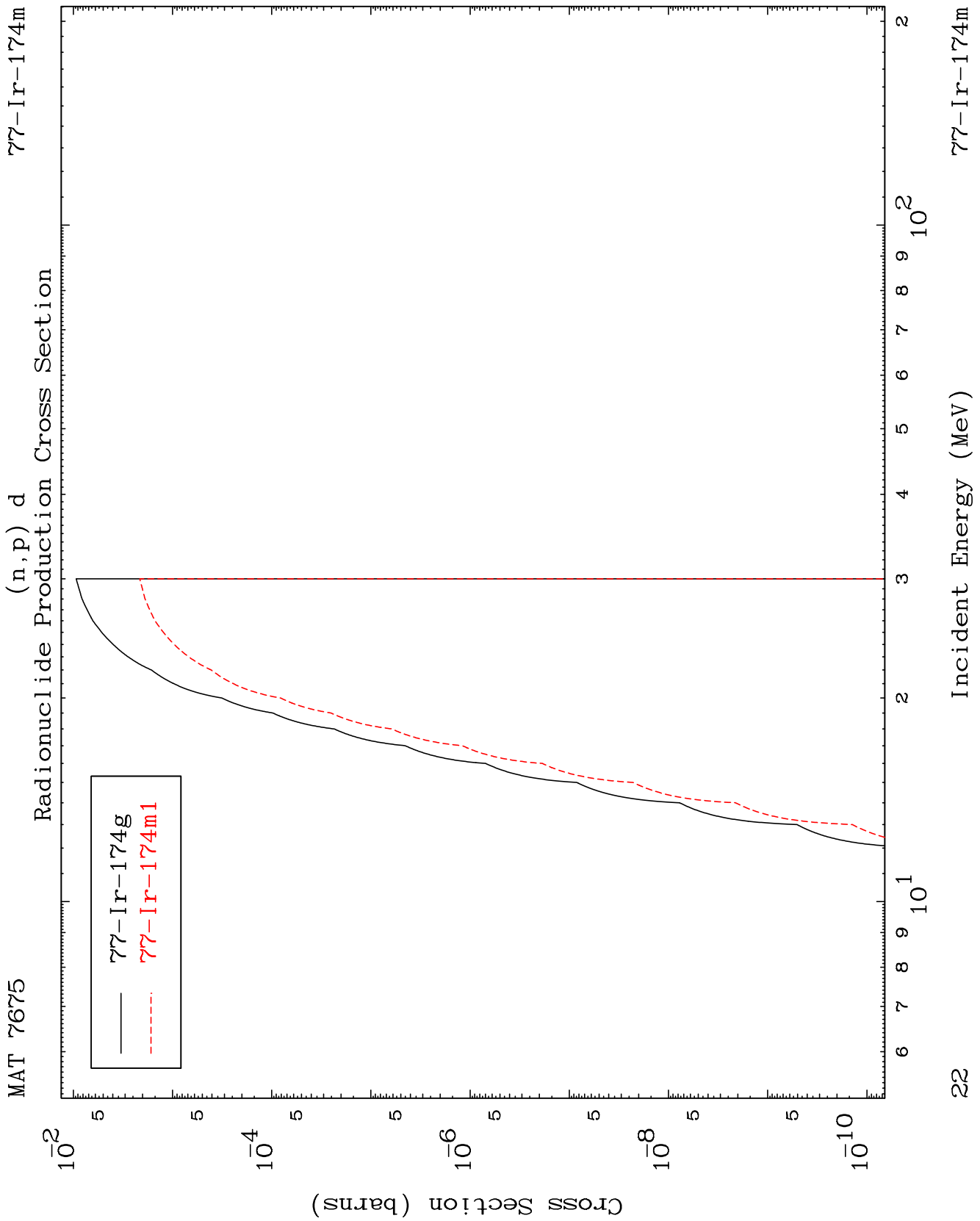
MAT 7675

(n,2α)

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



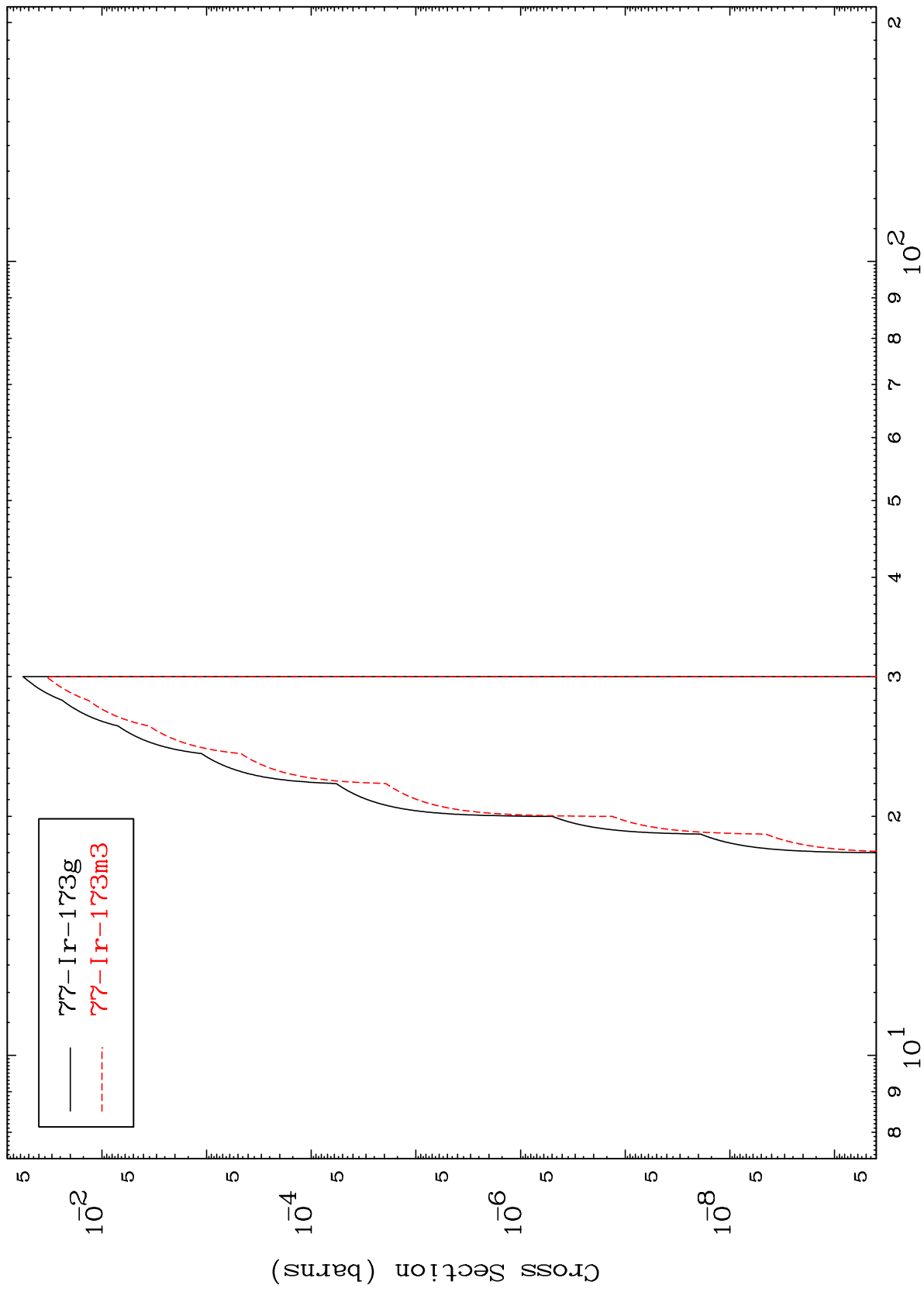


MAT 7675

(n,p) t

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-174m

23