

Program EVALPLOT  
(Version 2021-1)

by

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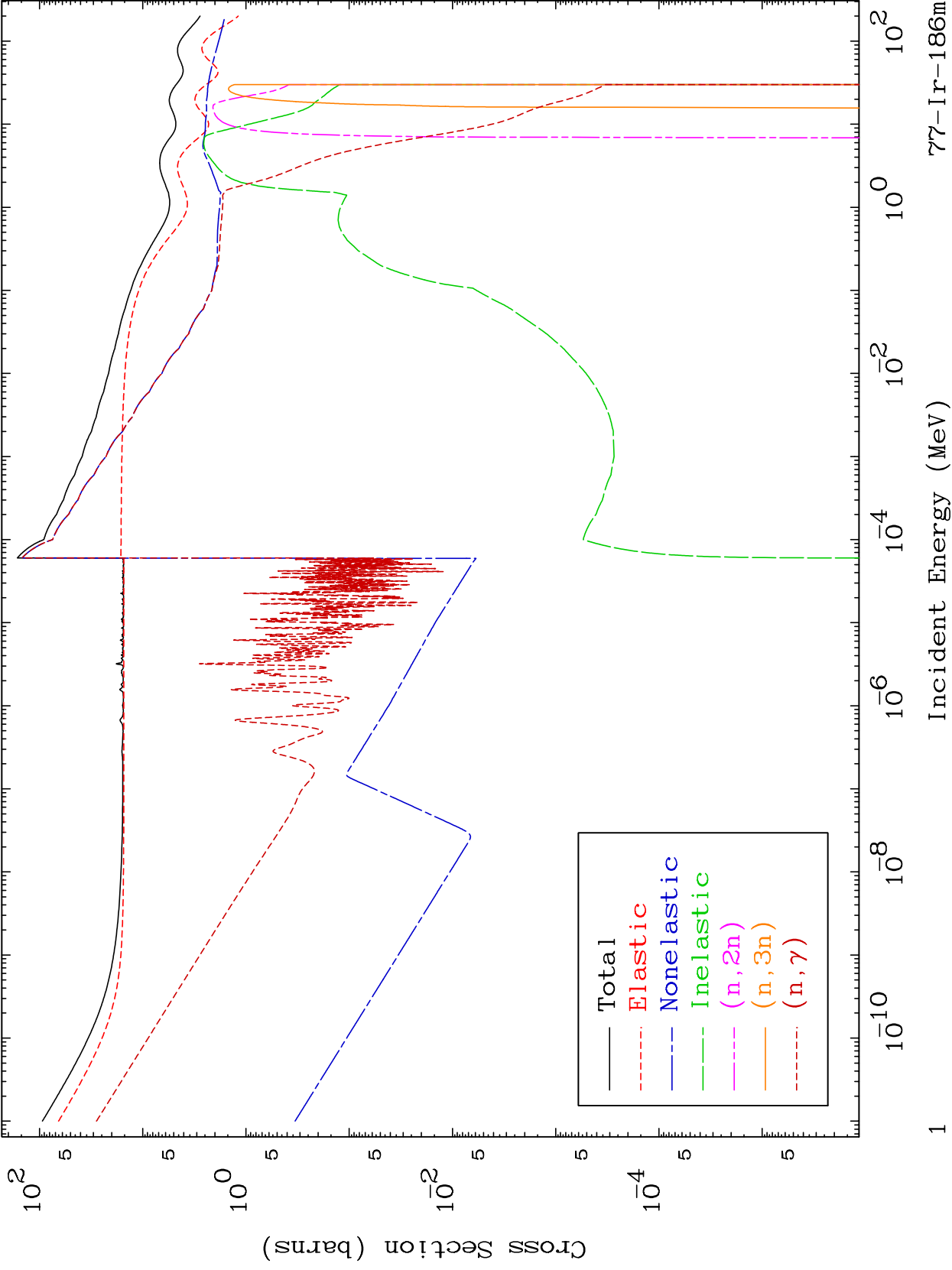
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7711

Neutron Major  
293 Kelvin Cross Sections

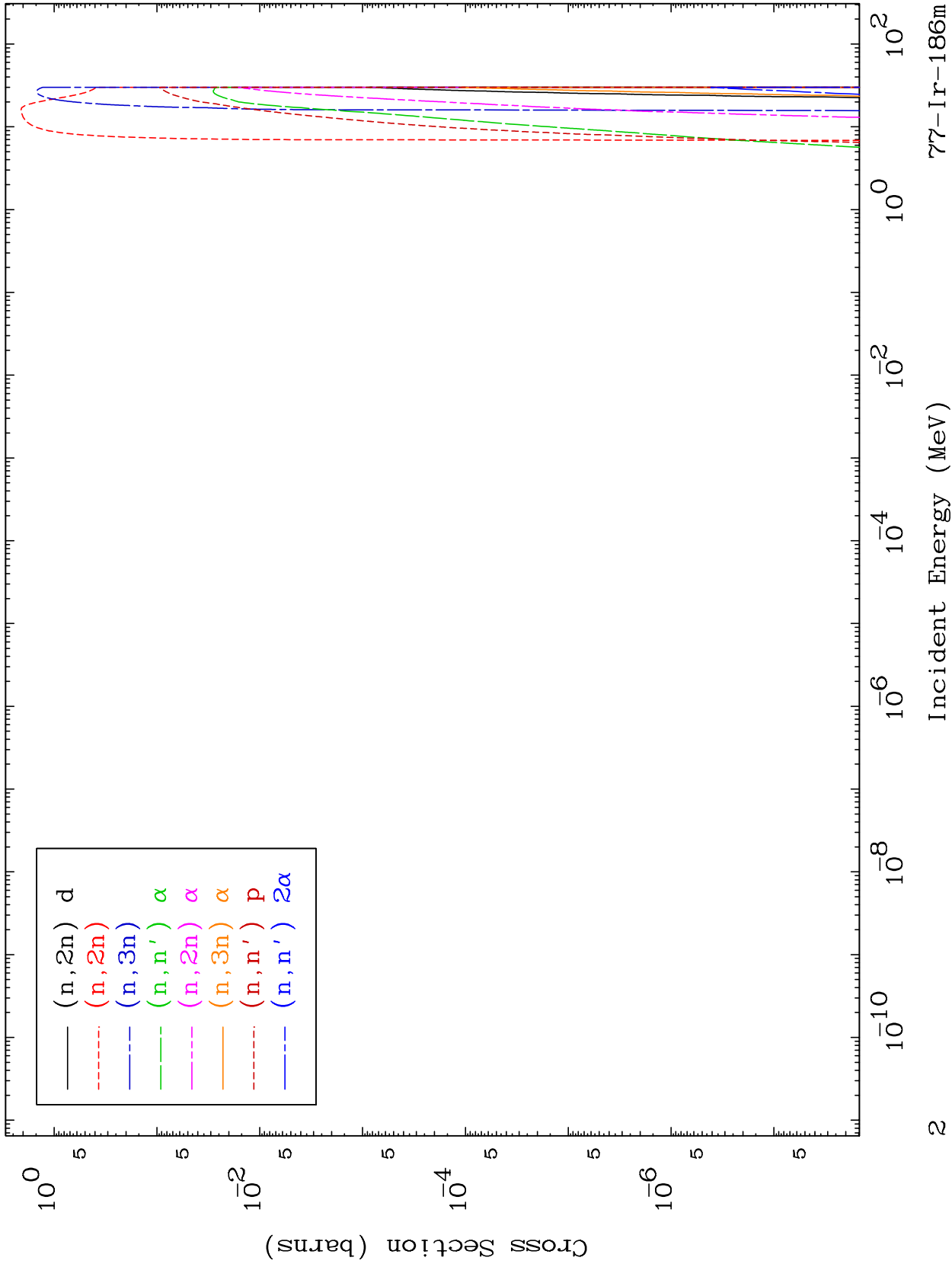
77-Ir-186m



MAT 7711

Neutron Absorption  
293 Kelvin Cross Sections

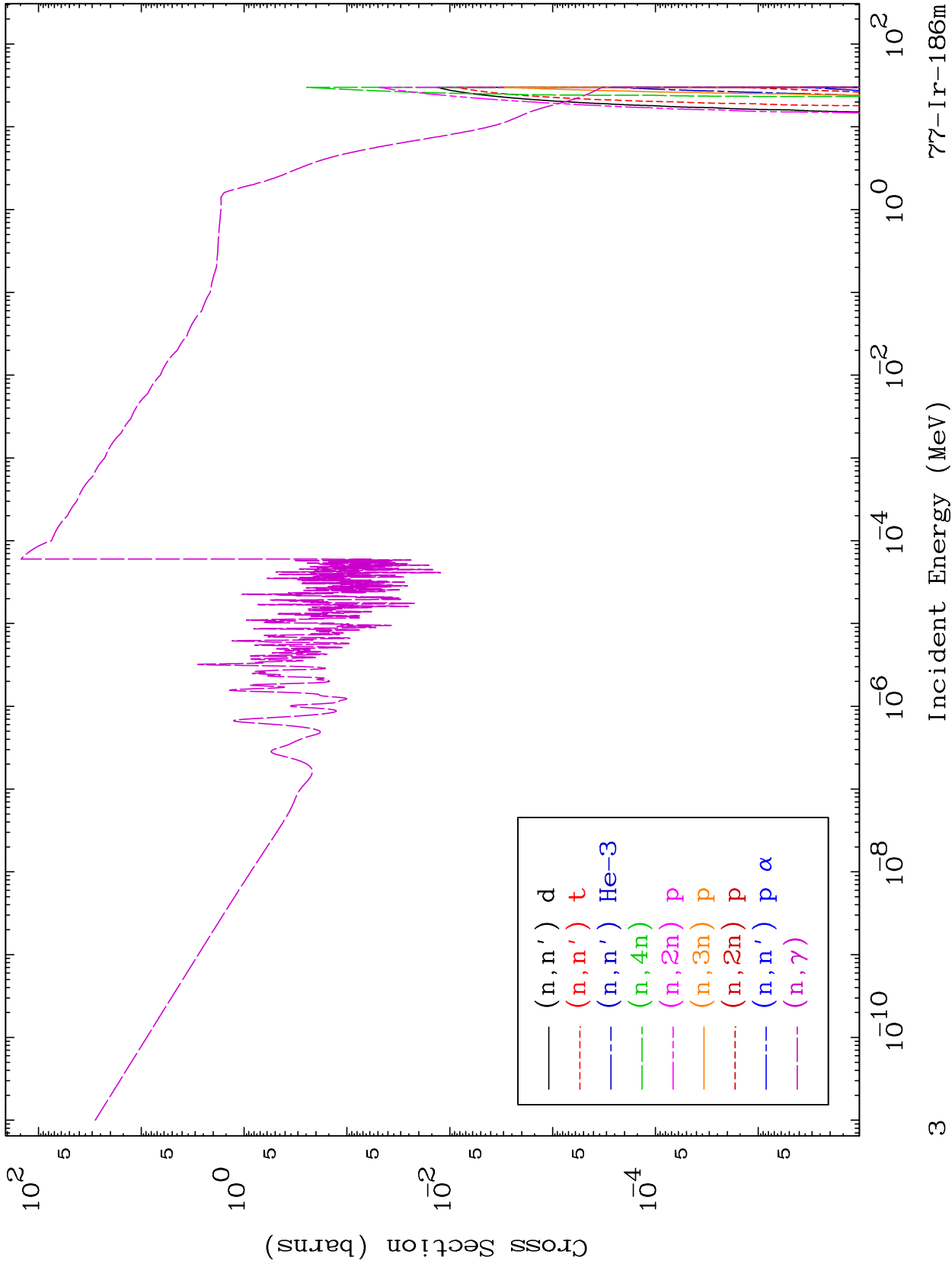
77-Ir-186m



MAT 7711

Neutron Absorption  
293 Kelvin Cross Sections

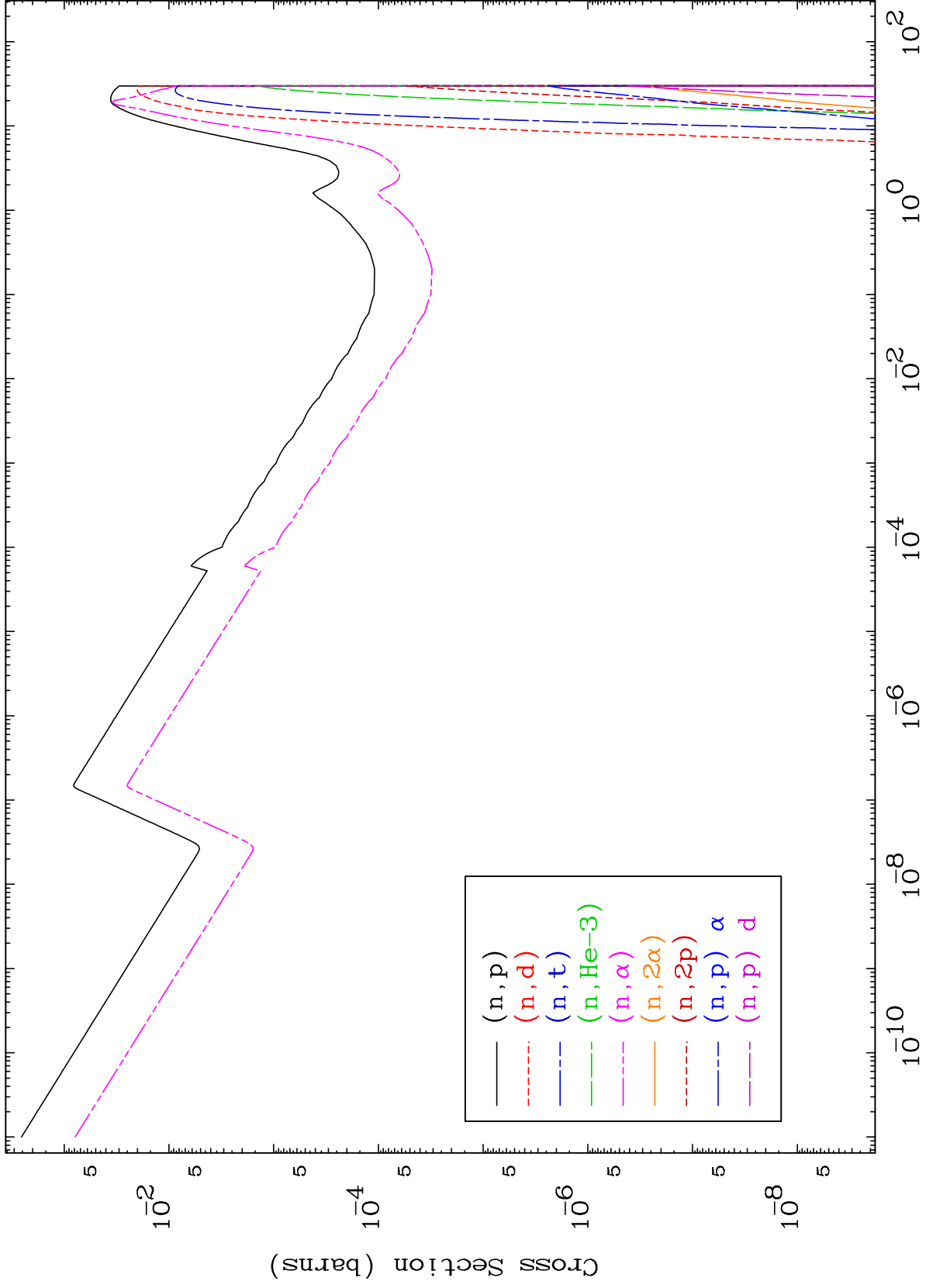
77-Ir-186m



MAT 7711

Neutron Absorption  
293 Kelvin Cross Sections

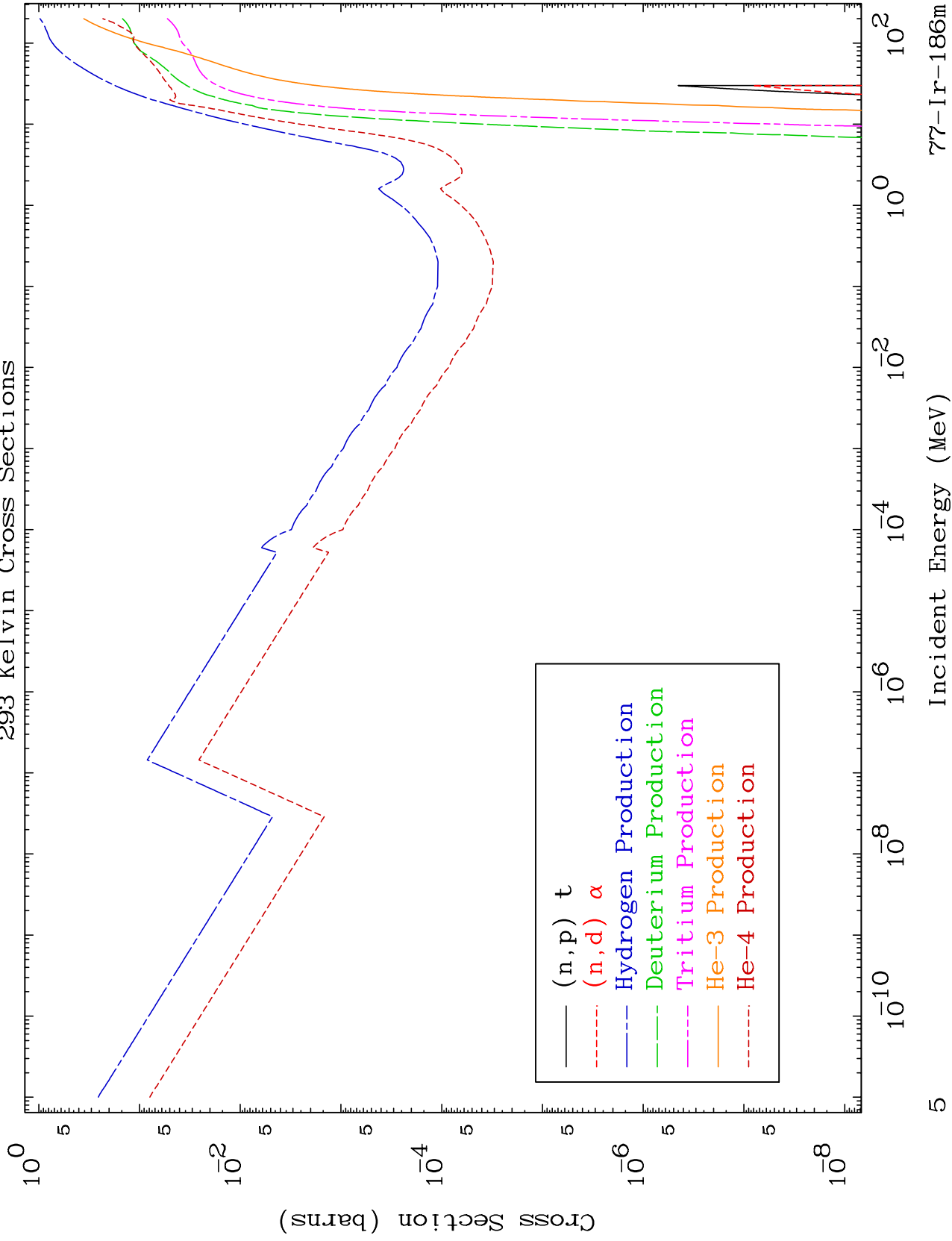
77-Ir-186m



MAT 7711

Neutron Absorption  
293 Kelvin Cross Sections

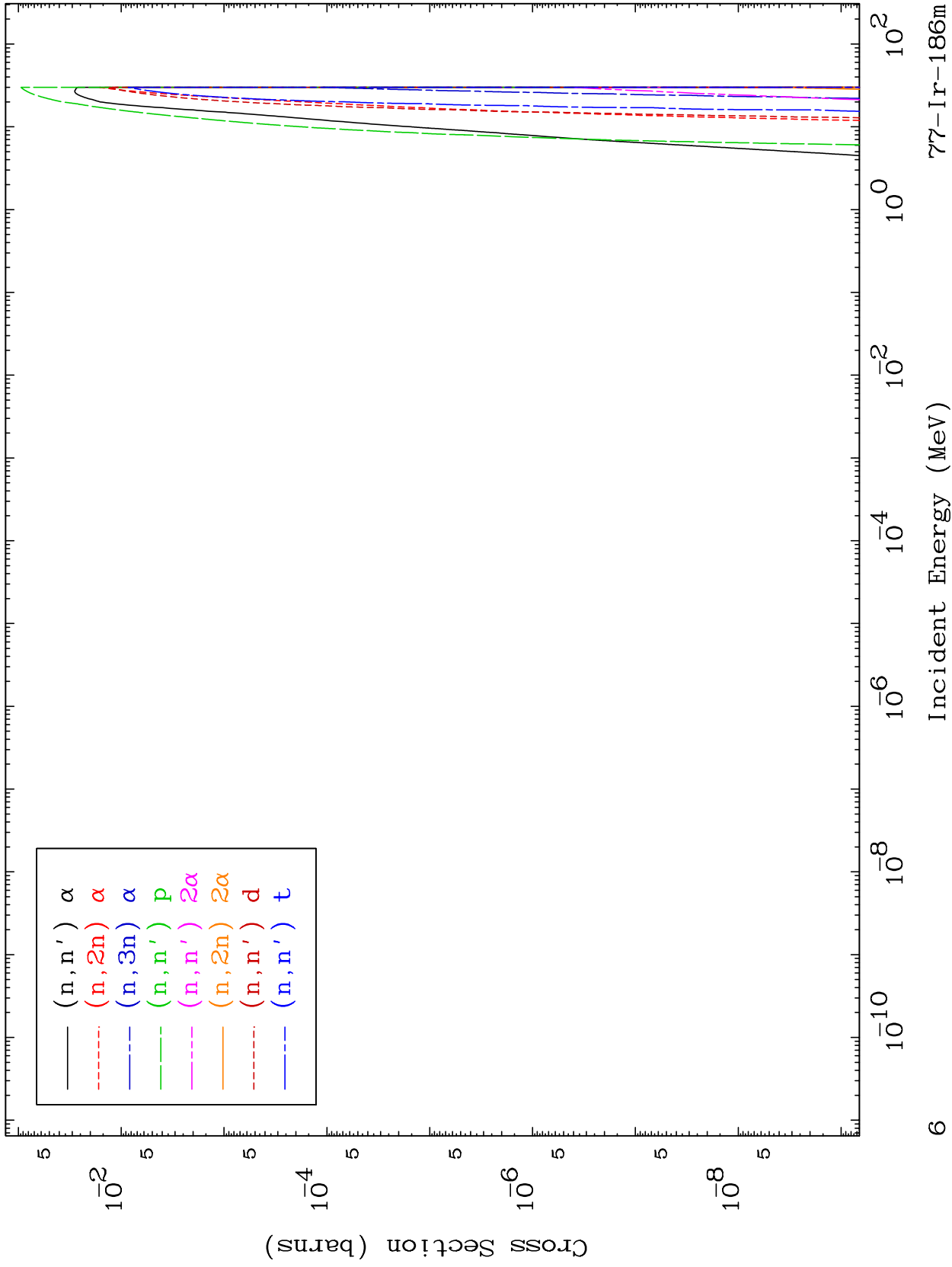
77-Ir-186m



MAT 7711

Charged Particle  
293 Kelvin Cross Sections

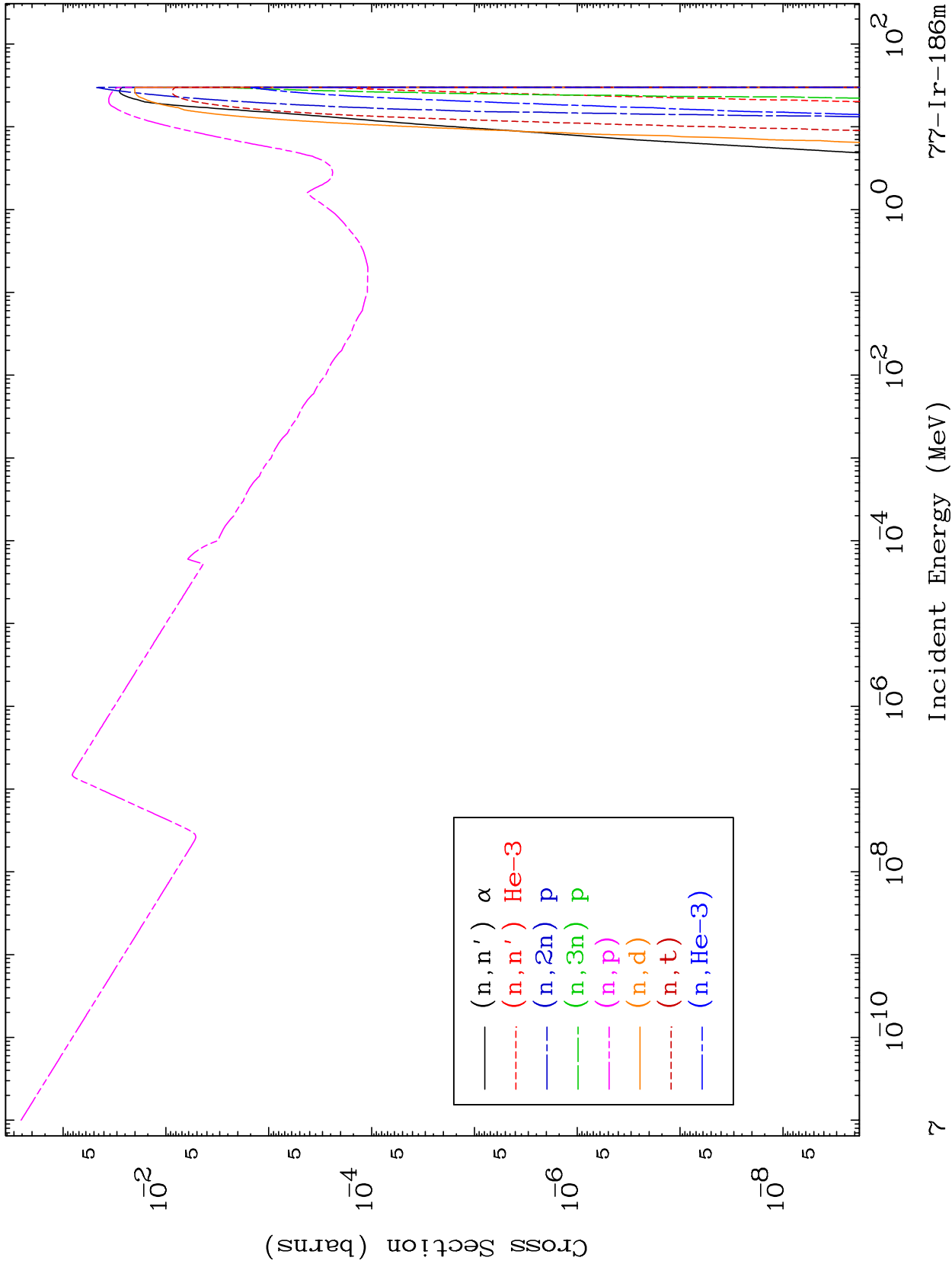
77-Ir-186m



MAT 7711

Charged Particle  
293 Kelvin Cross Sections

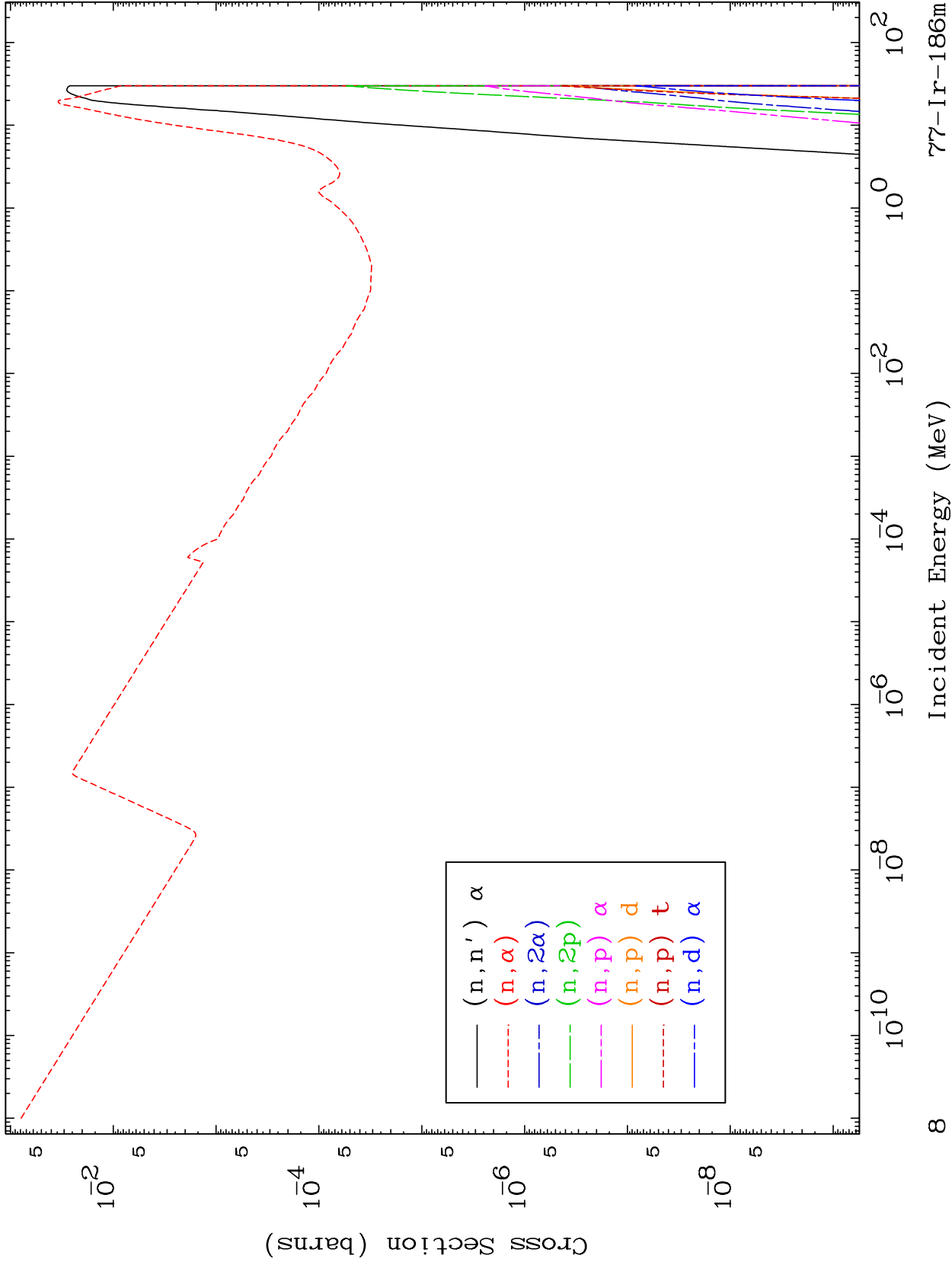
77-Ir-186m



MAT 7711

Charged Particle  
293 Kelvin Cross Sections

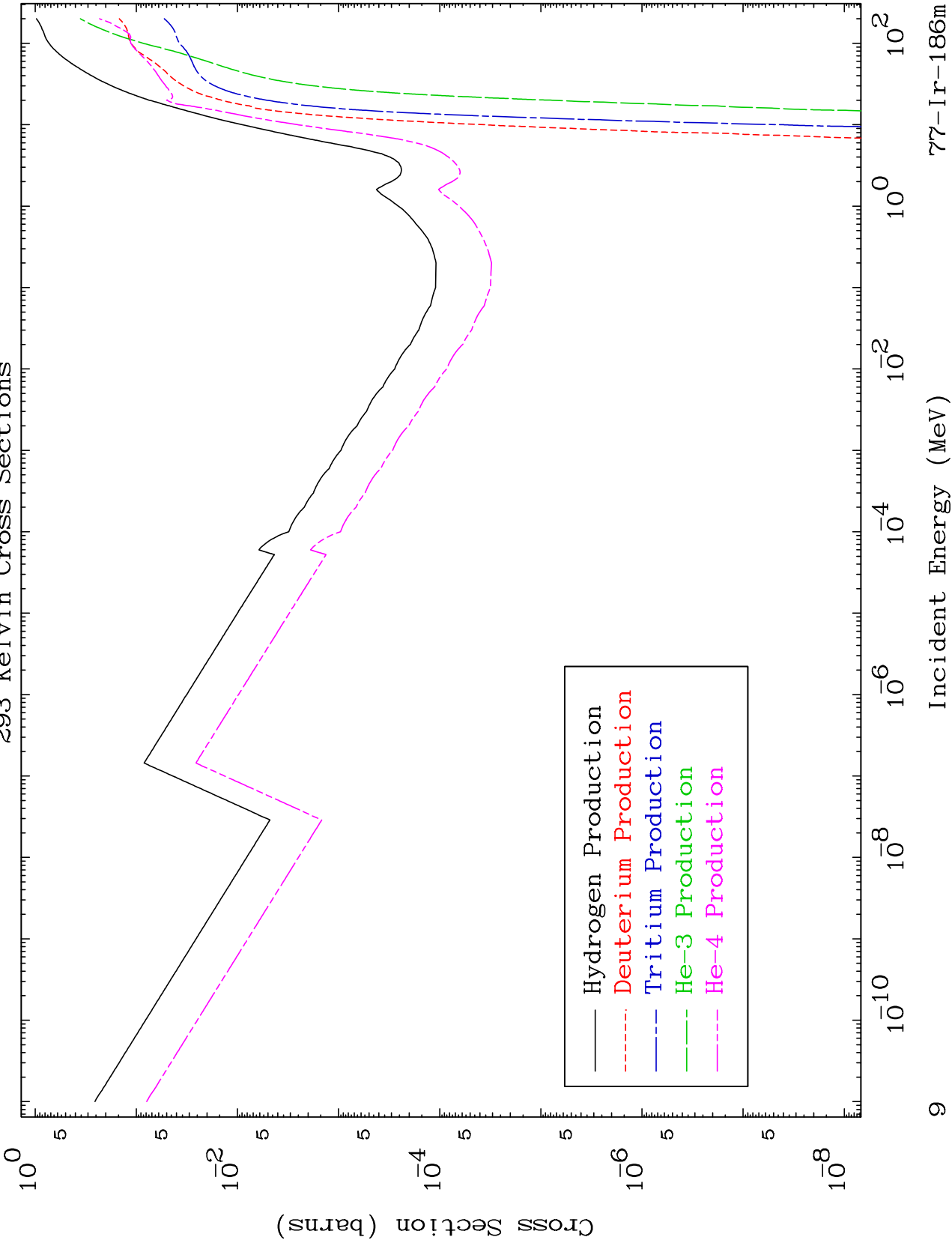
77-Ir-186m



MAT 7711

Particle Production  
293 Kelvin Cross Sections

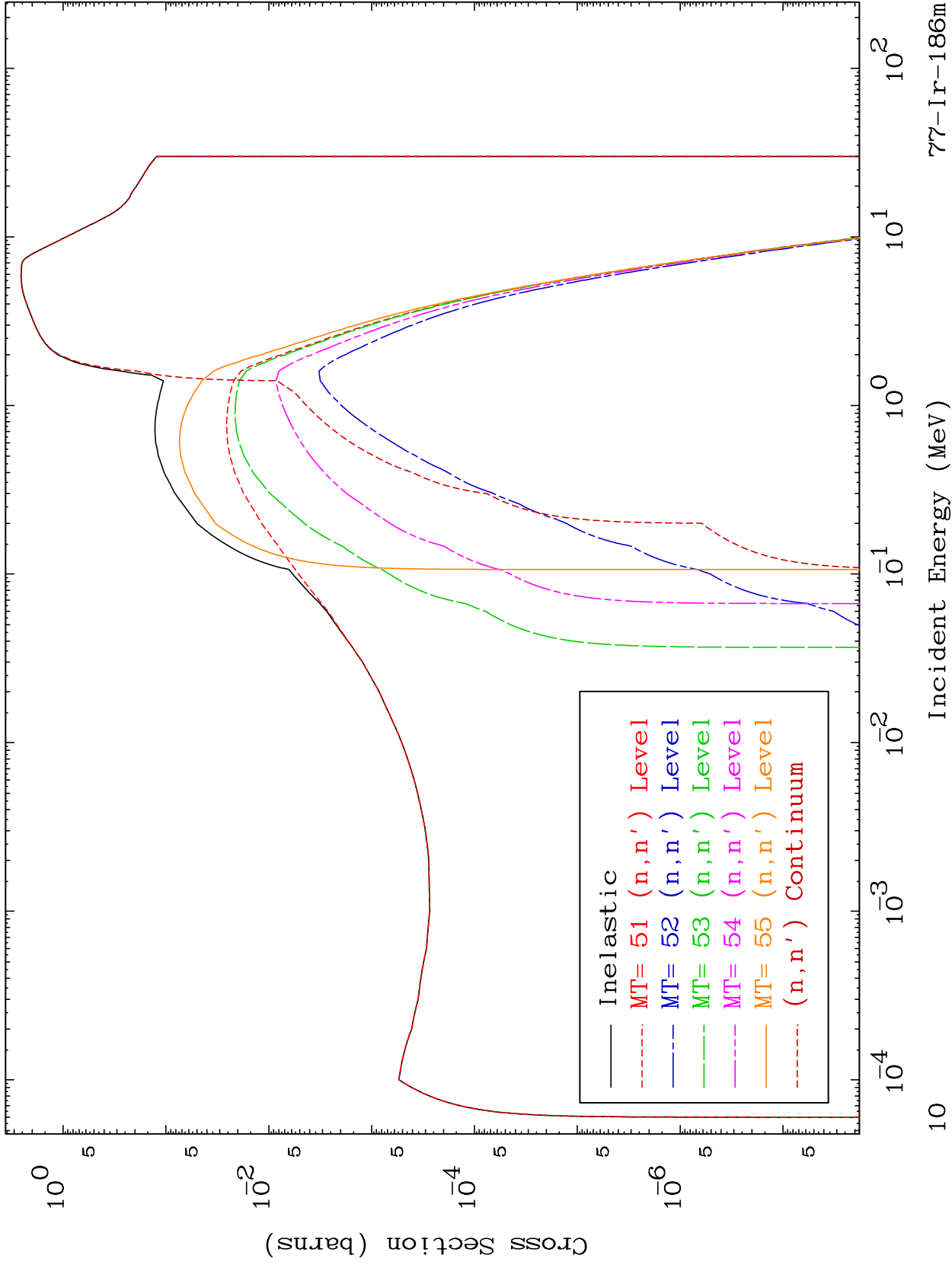
77-Ir-186m



MAT 7711

(n,n') Levels  
293 Kelvin Cross Sections

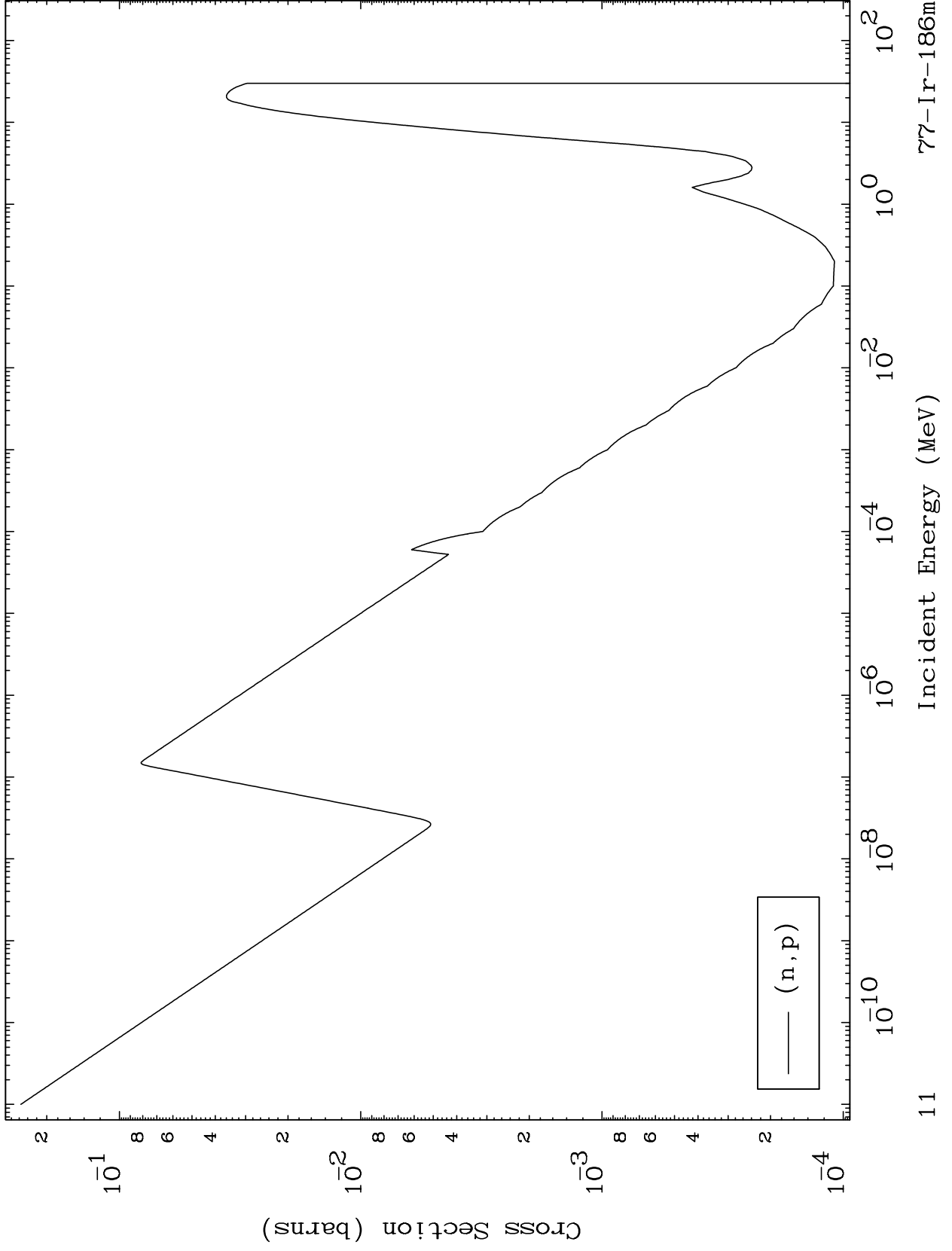
77-Ir-186m



MAT 7711

(n,p) Levels  
293 Kelvin Cross Sections

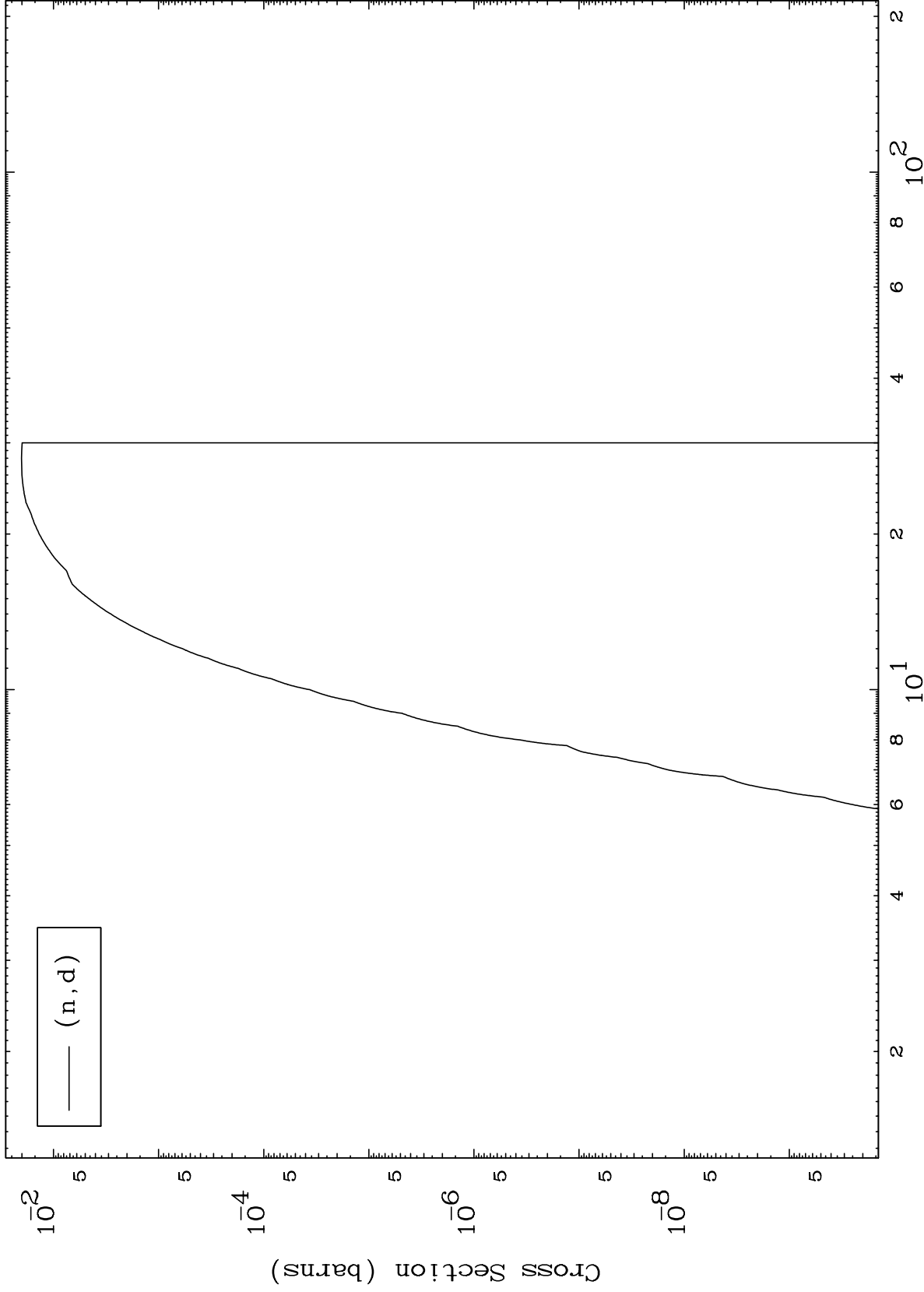
77-Ir-186m



MAT 7711

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-186m



12

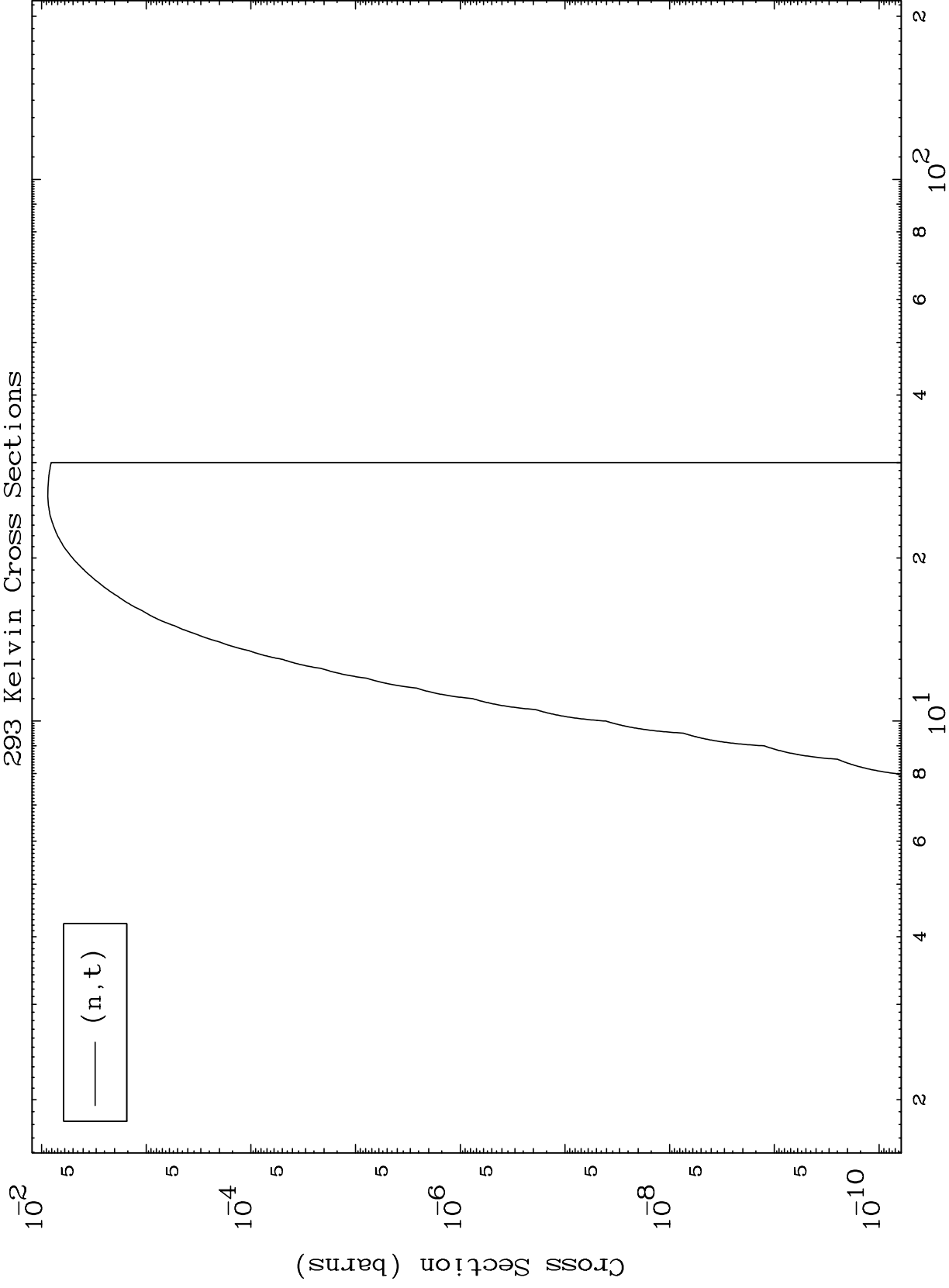
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-186m



13

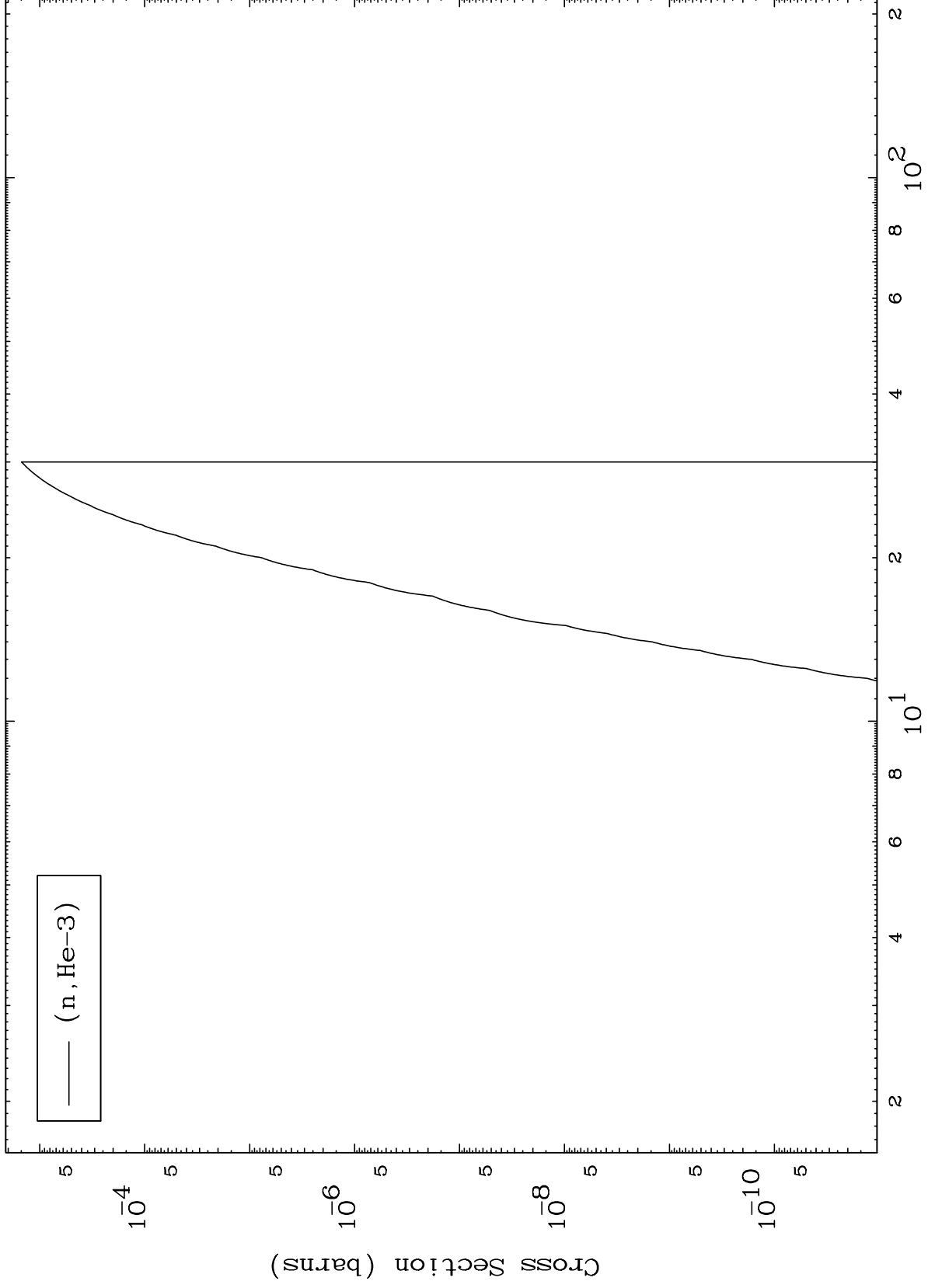
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-186m



14

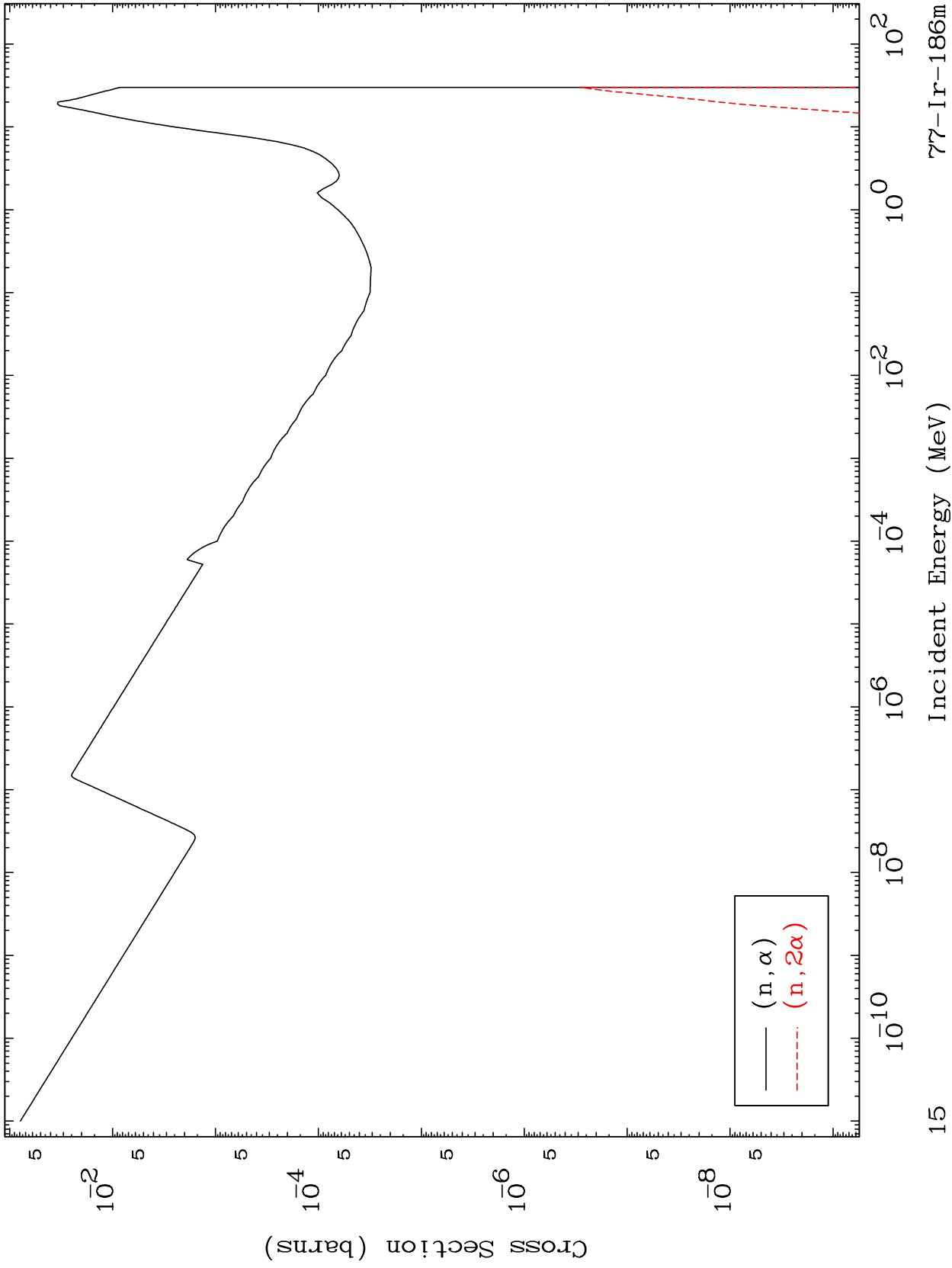
Incident Energy (MeV)

77-Ir-186m

MAT 7711

(n,α) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-186m



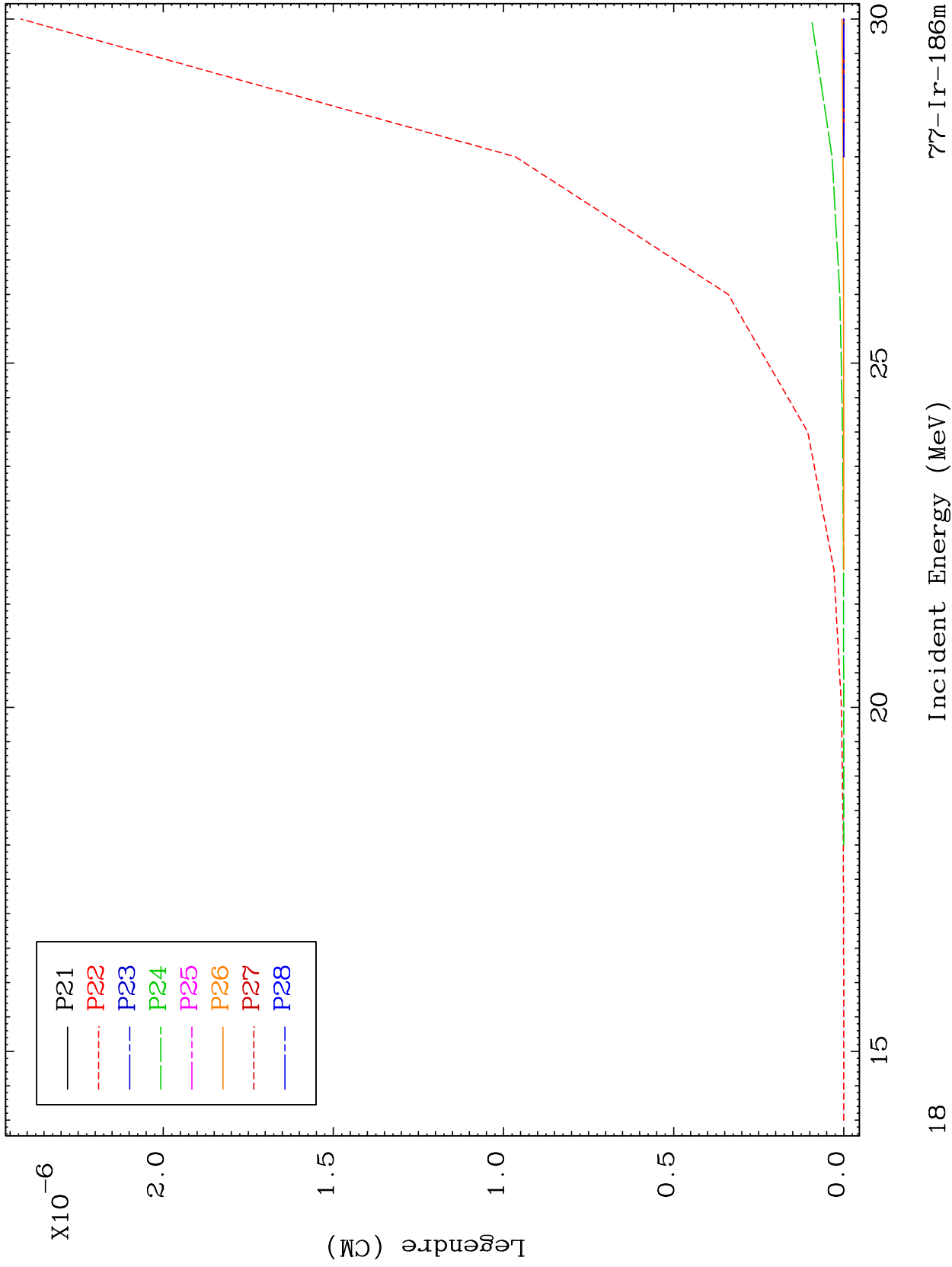




MAT 7711

Elastic  
Legendre Coefficients

77-Ir-186m



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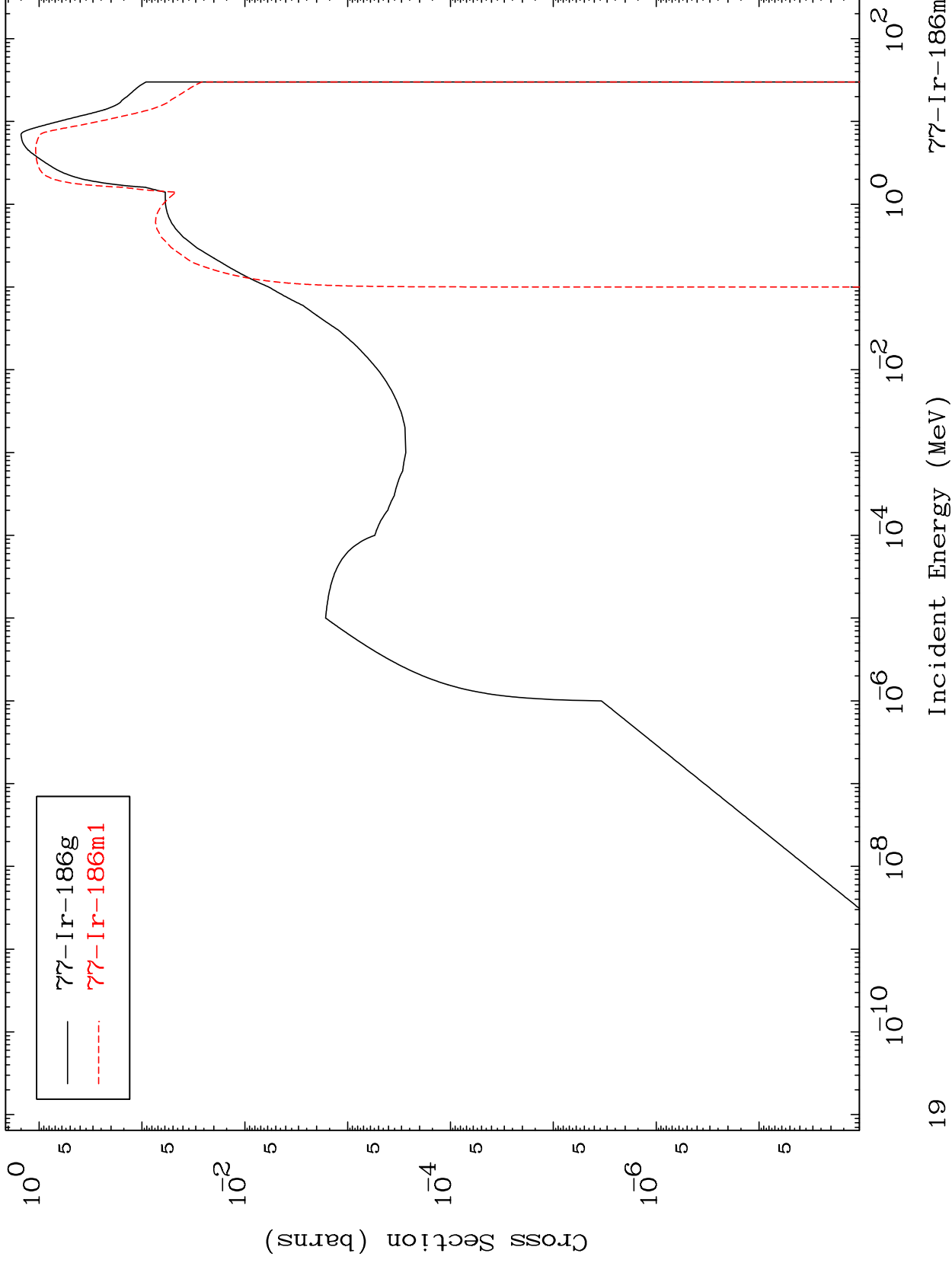
Incident Energy (MeV)

77-Ir-186m

MAT 7711

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-186m

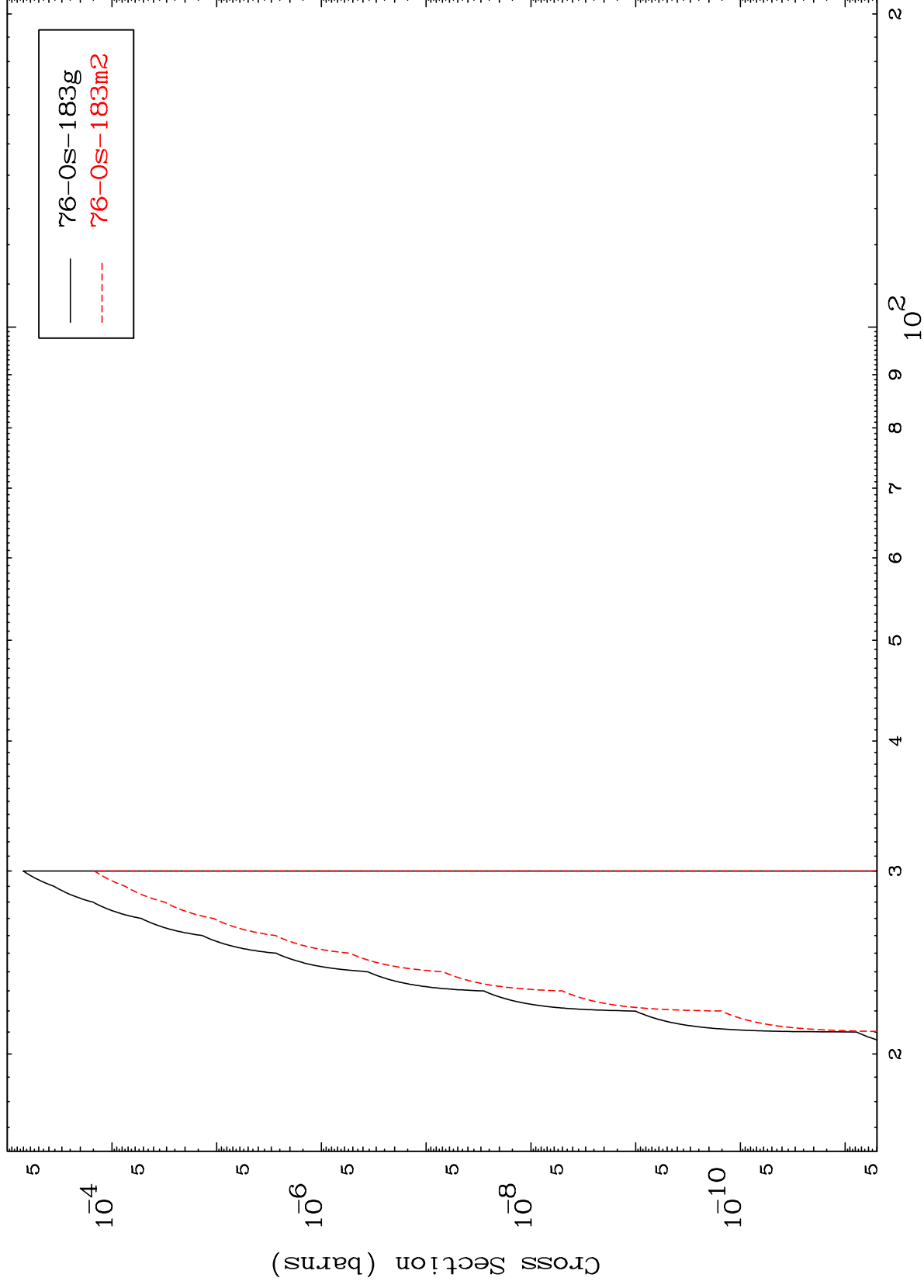


MAT 7711

(n,2n) d

<sup>77</sup>Ir-186m

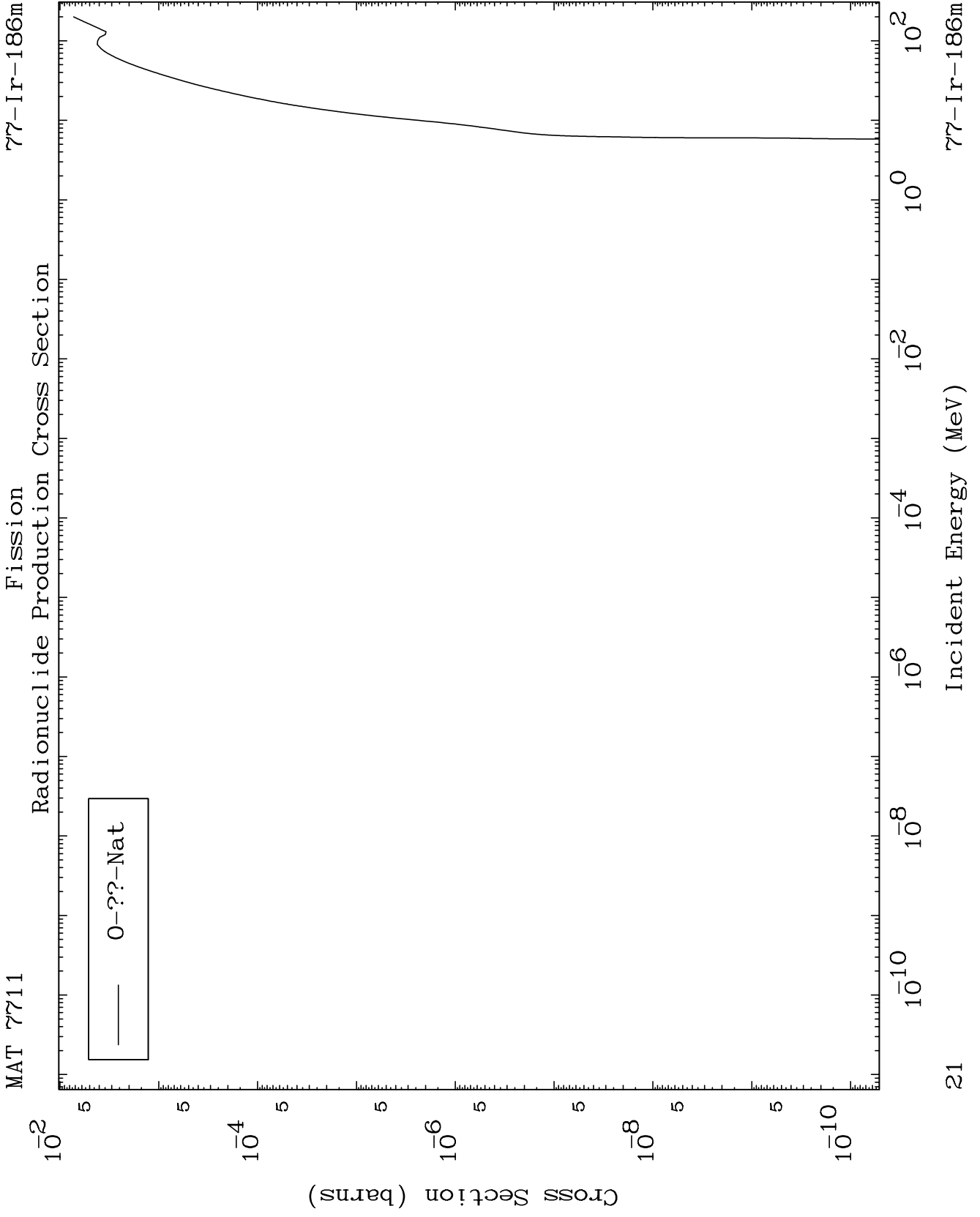
Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>77</sup>Ir-186m

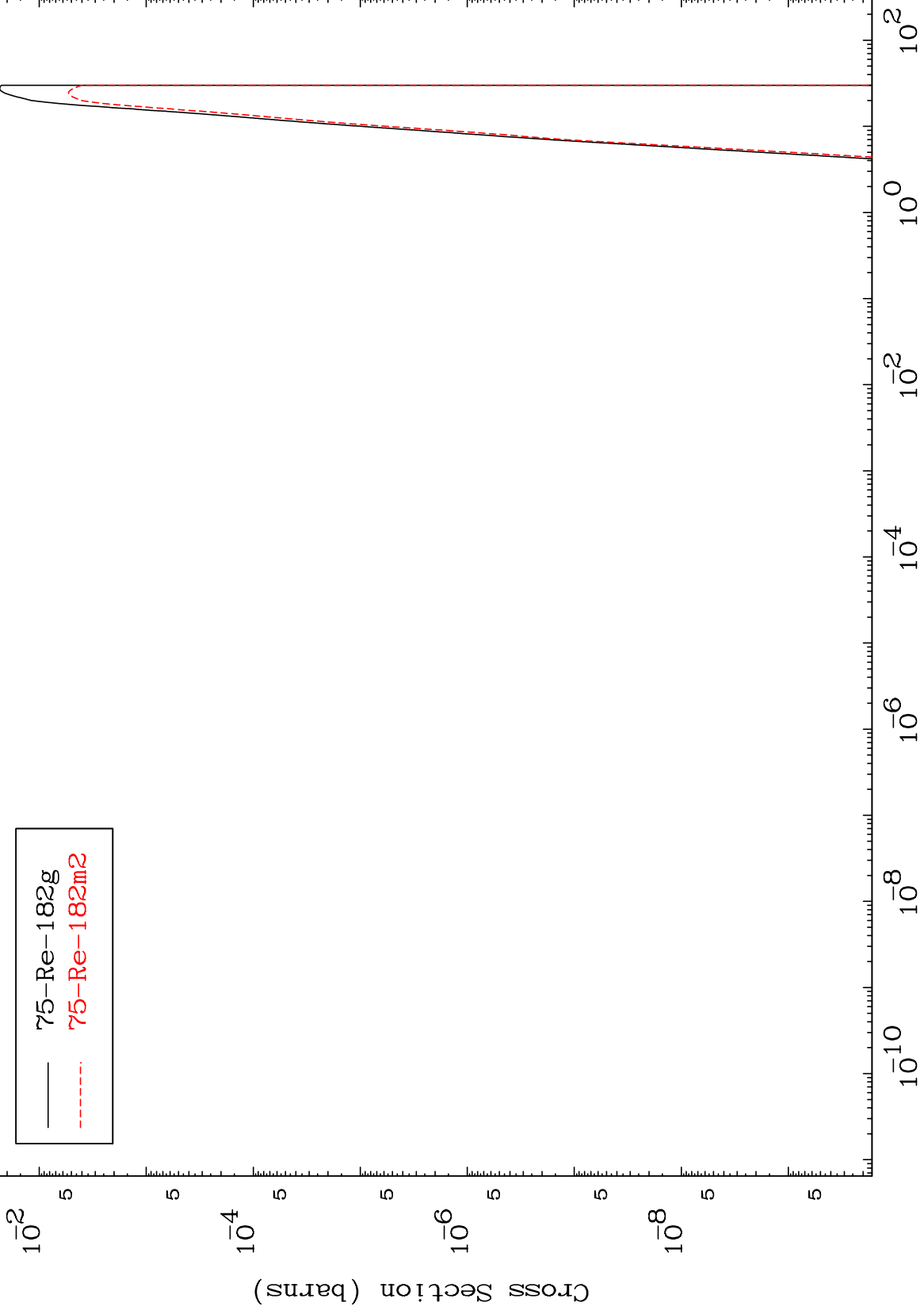


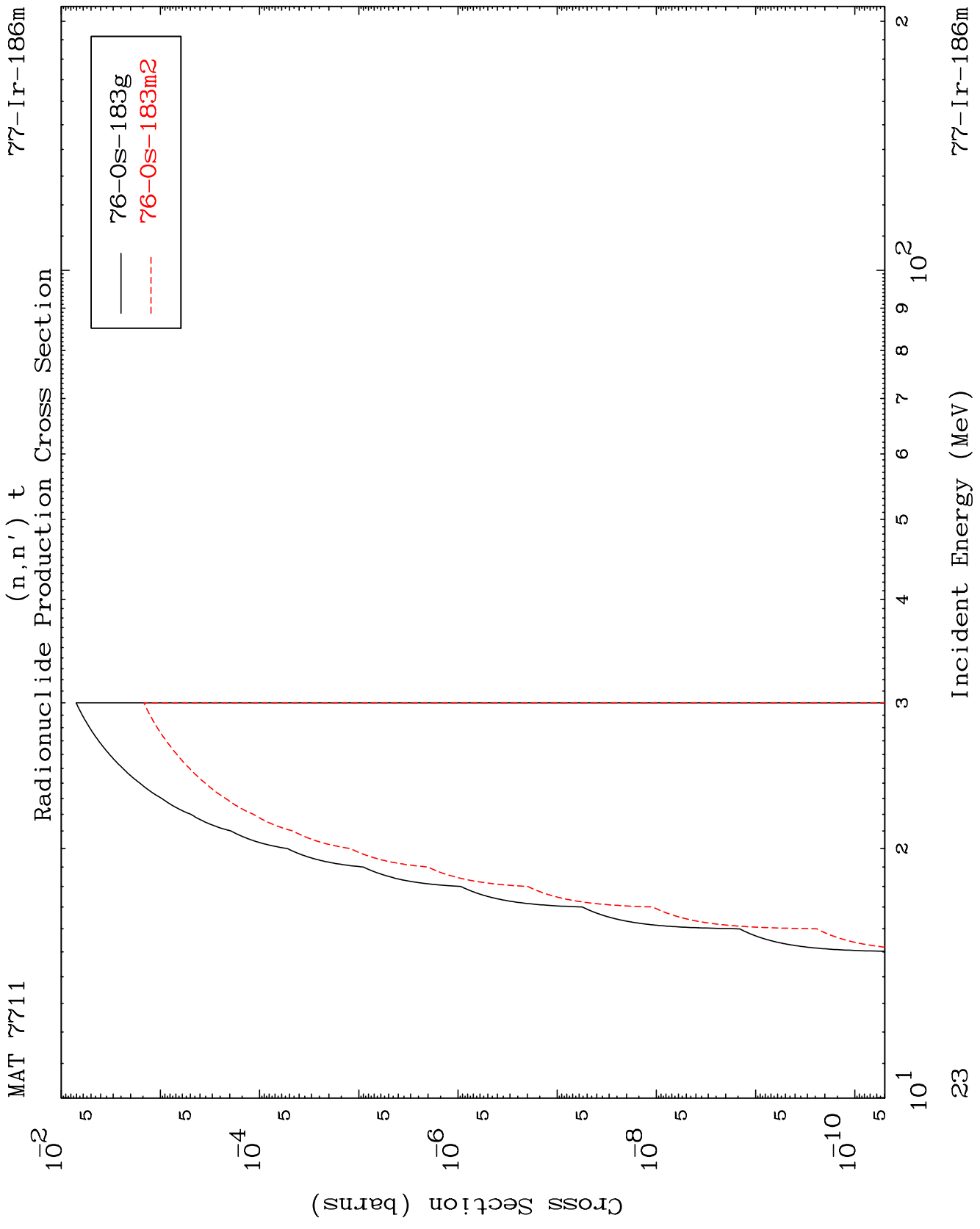
MAT 7711

$(n, n') \alpha$

$^{77}\text{Ir}-186\text{m}$

Radionuclide Production Cross Section



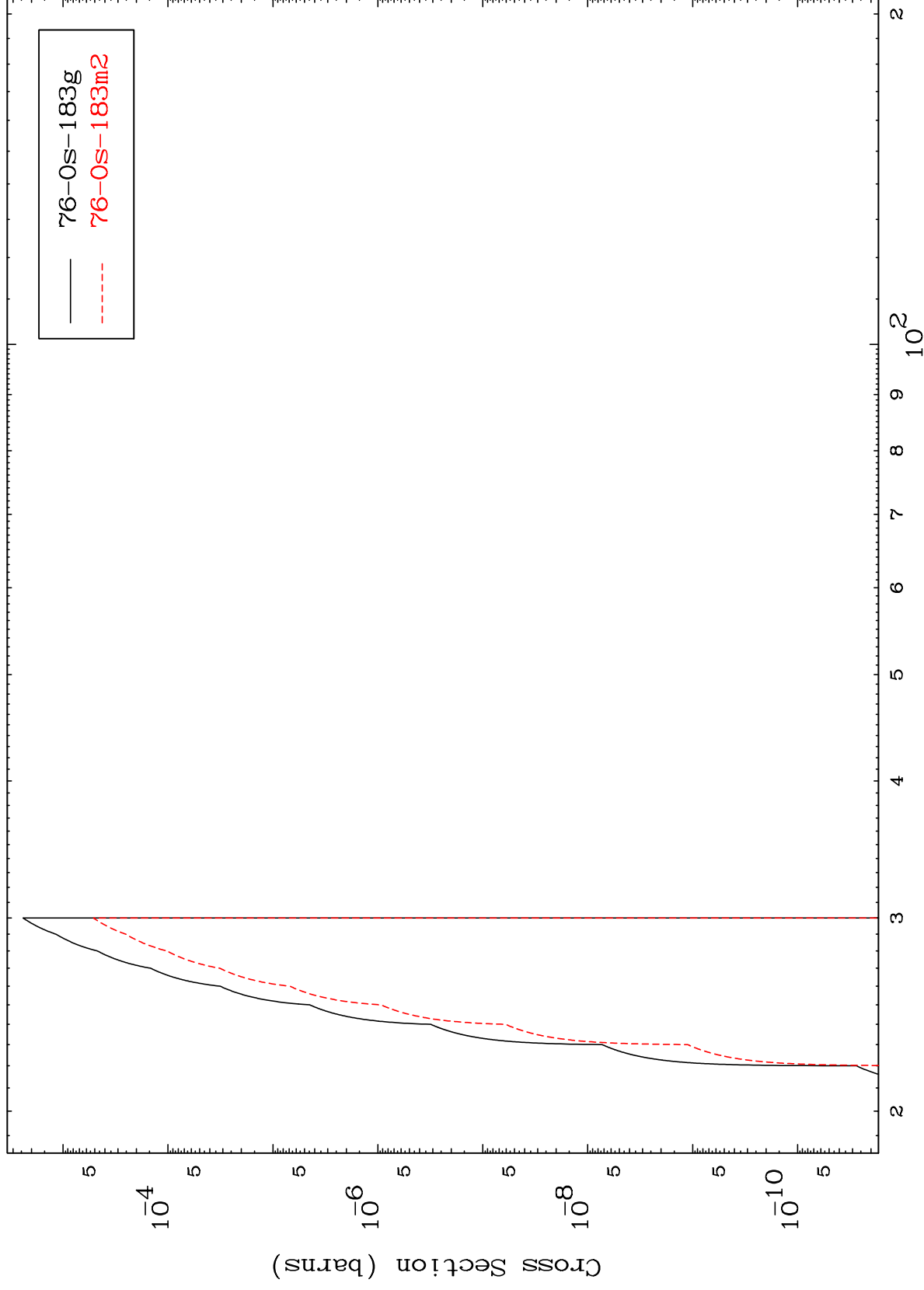


MAT 7711

(n,3n) p

<sup>77</sup>Ir-186m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

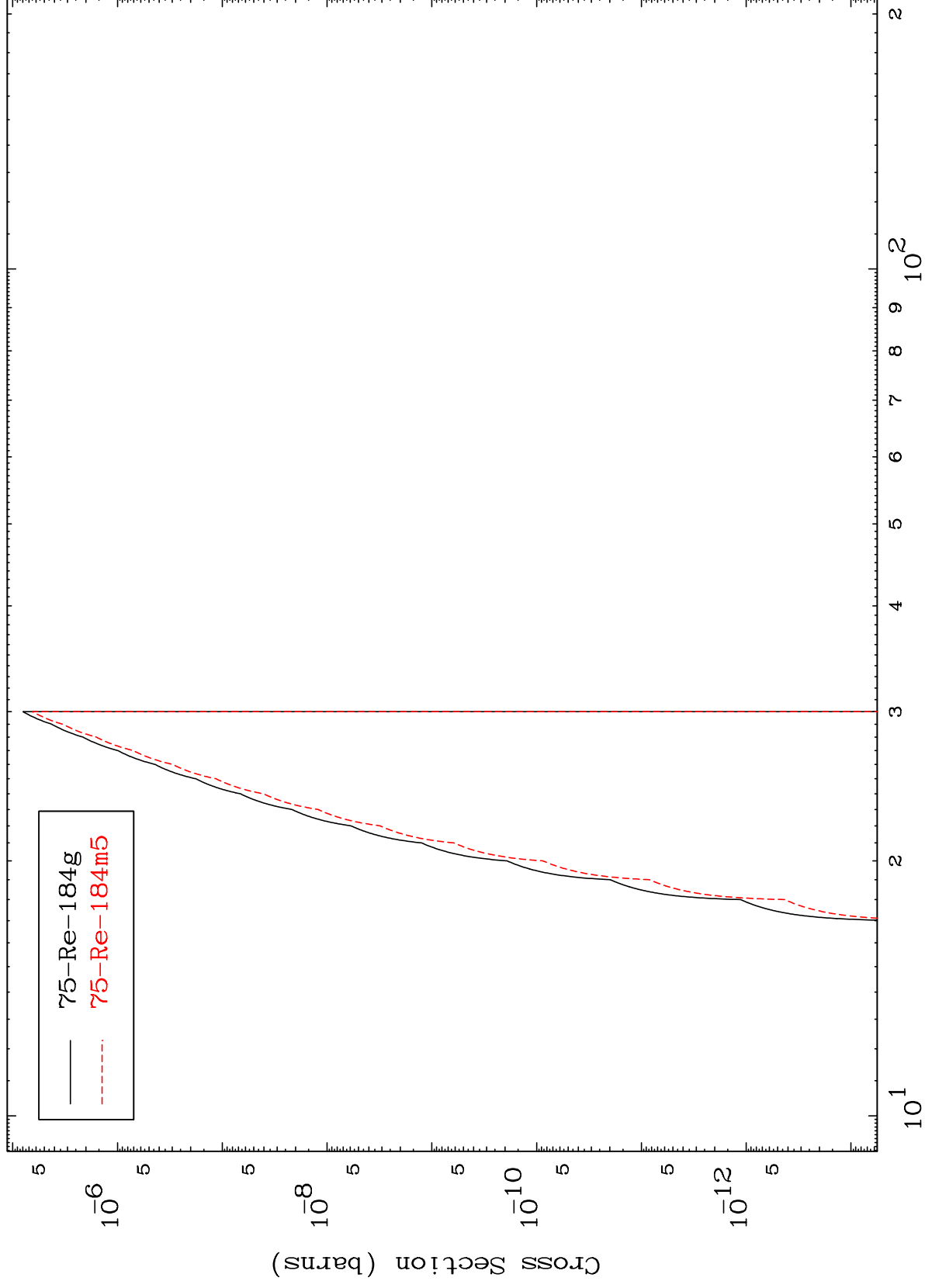
<sup>77</sup>Ir-186m

MAT 7711

(n,2n) p

<sup>77</sup>Ir-186m

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>77</sup>Ir-186m

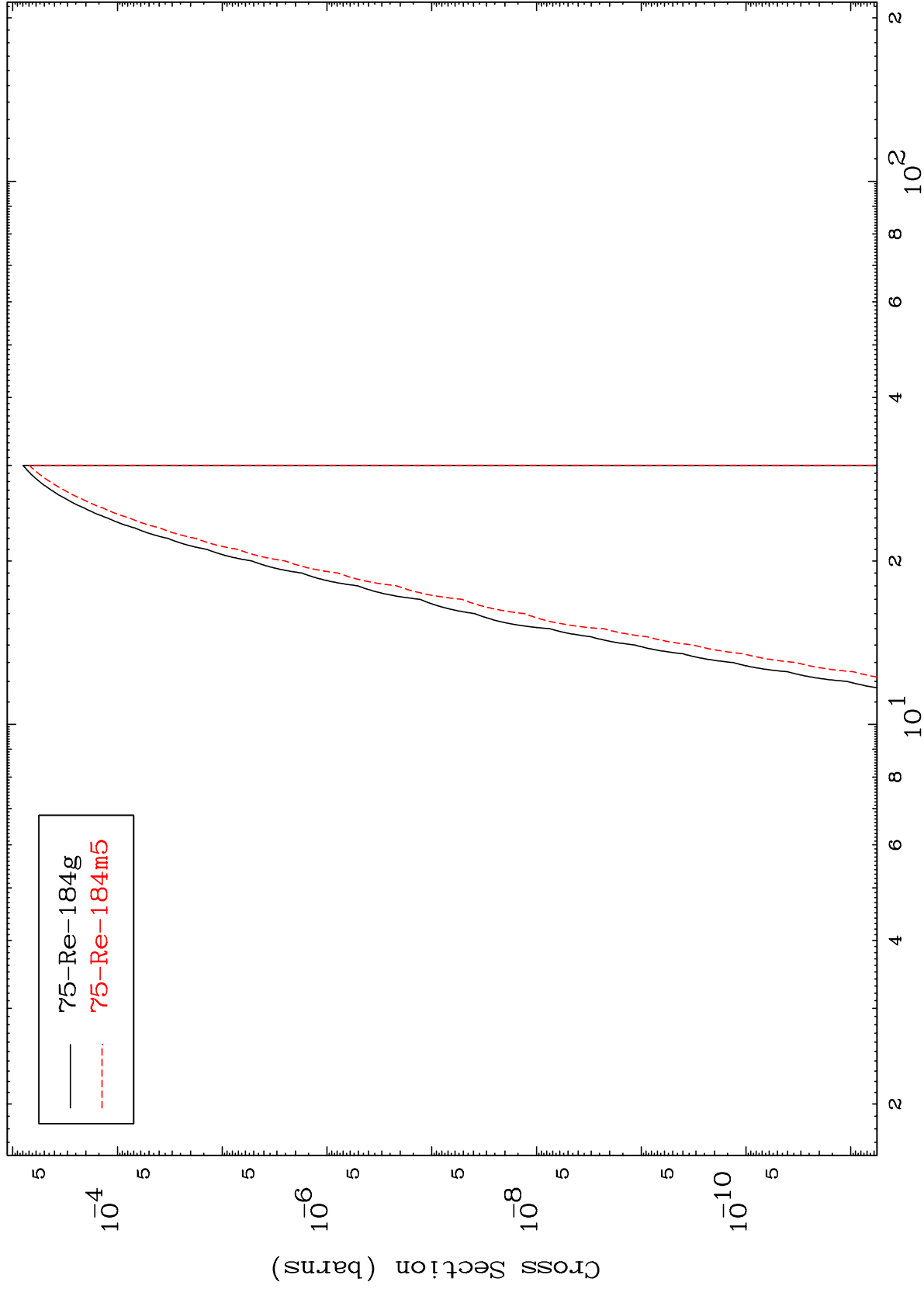
25

MAT 7711

(n,He-3)

<sup>77</sup>Ir-186m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

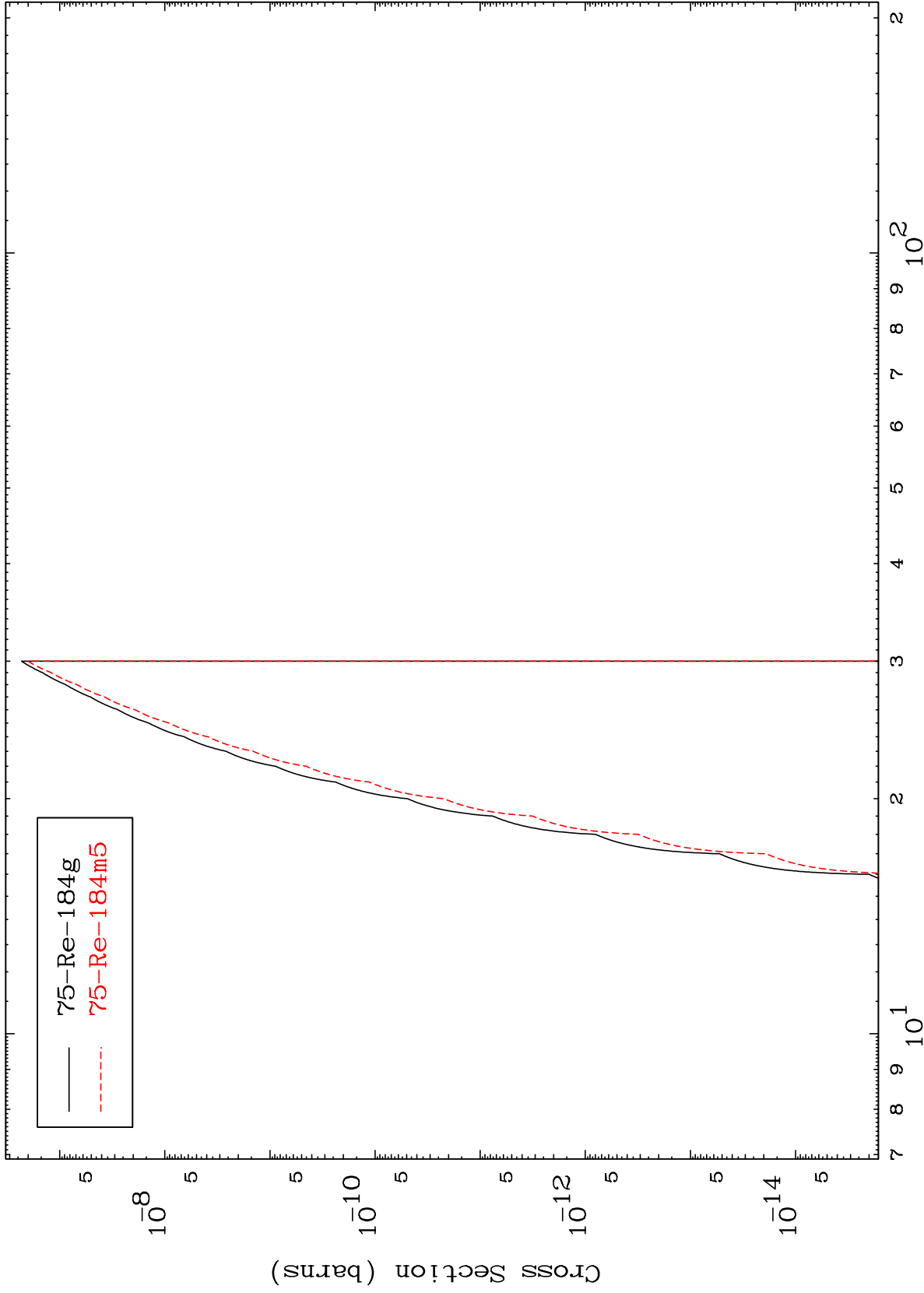
<sup>77</sup>Ir-186m

MAT 7711

(n,p) d

<sup>77</sup>Ir-186m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

<sup>77</sup>Ir-186m