

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

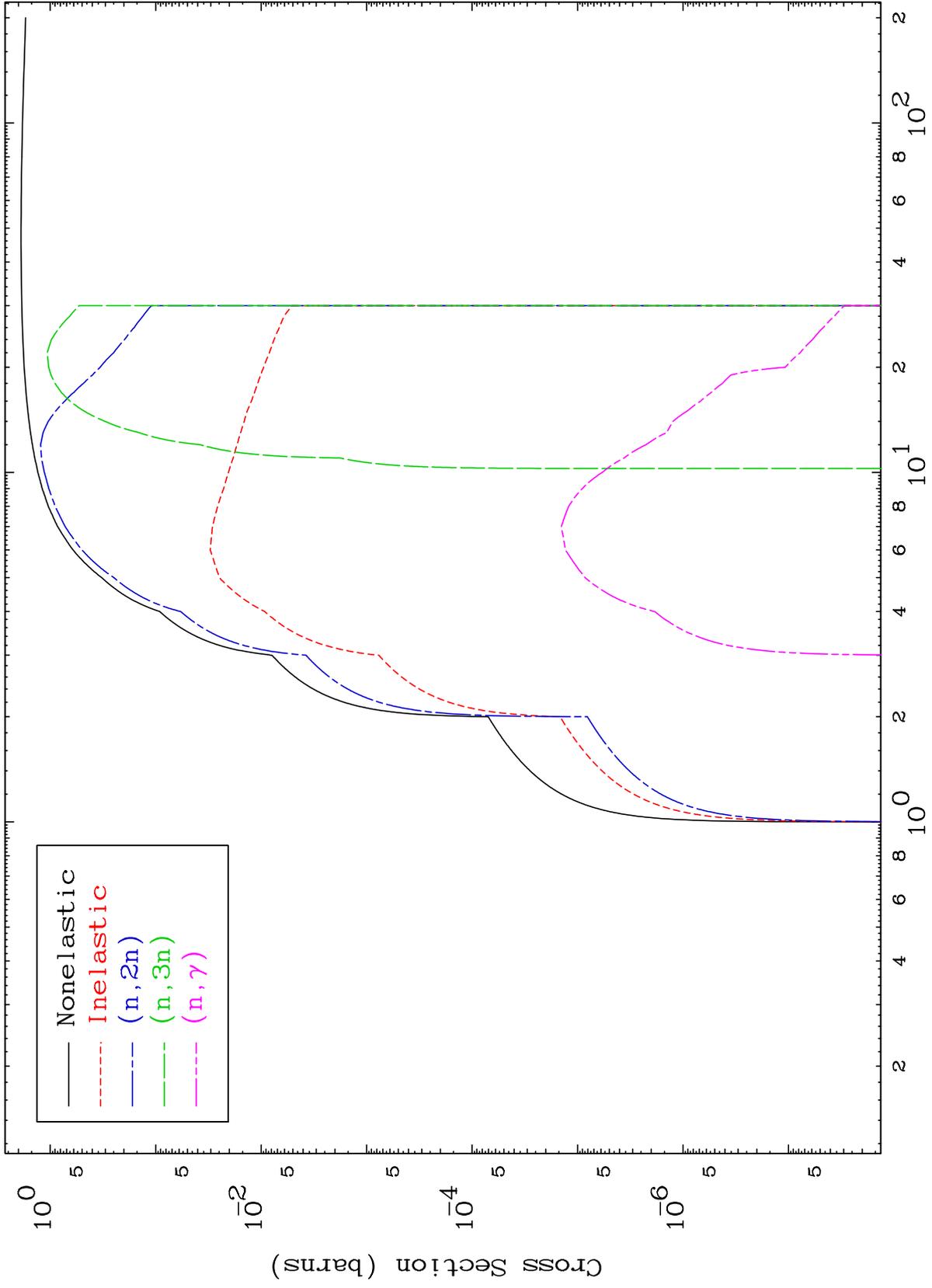
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3246

Deuteron Major  
0 Kelvin Cross Sections

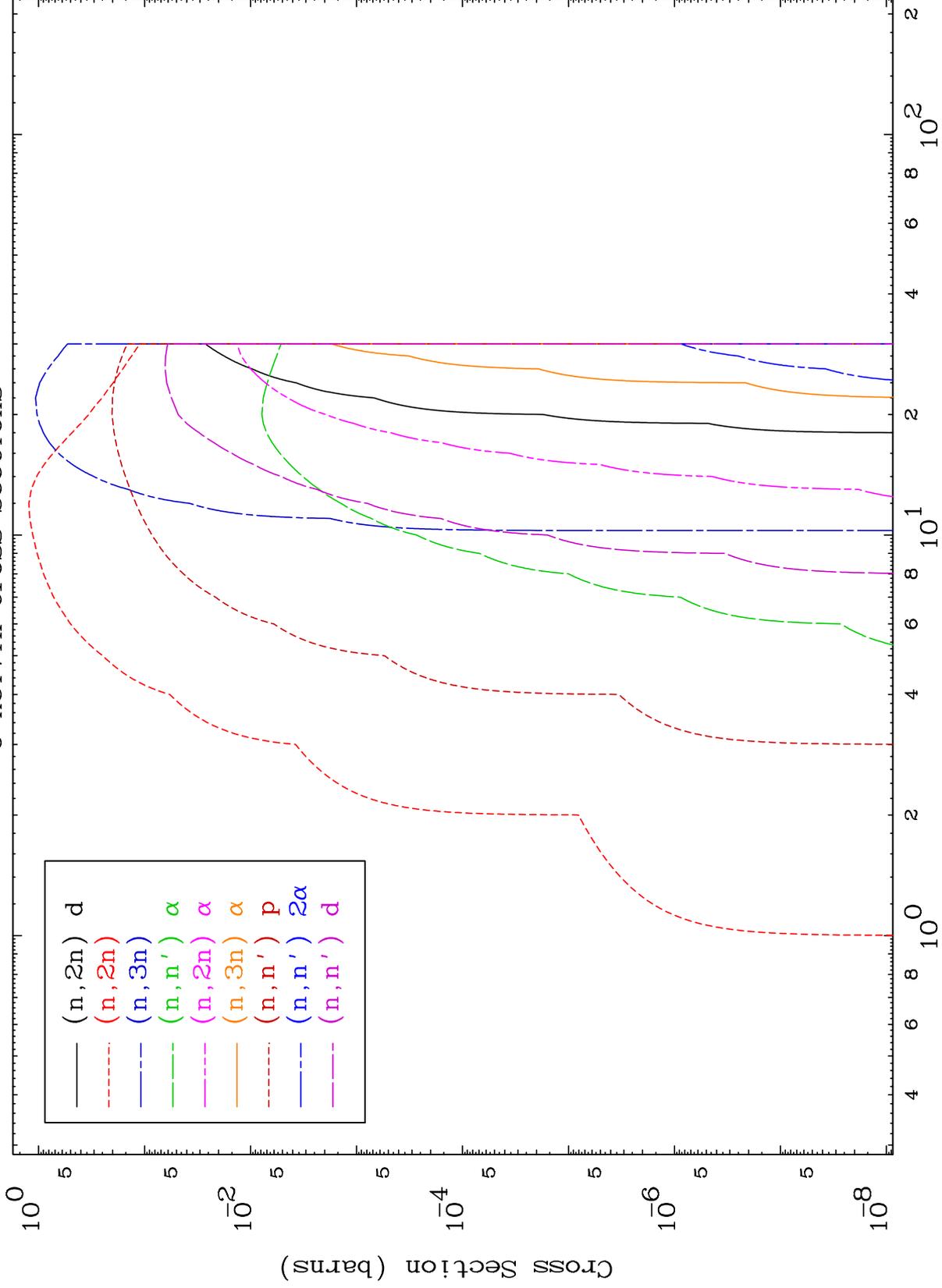
<sup>32</sup>Ge-77

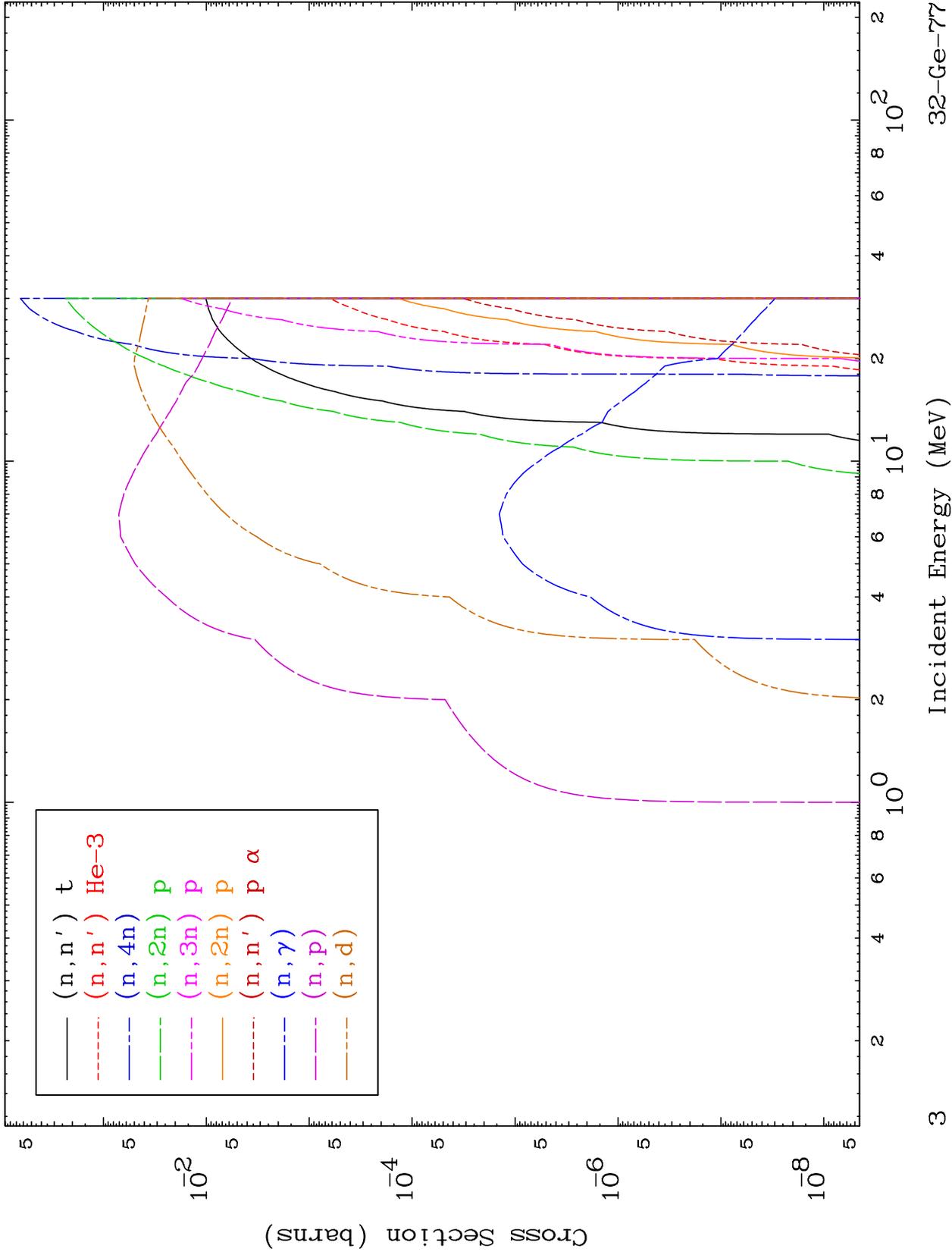


MAT 3246

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

<sup>32</sup>Ge-77

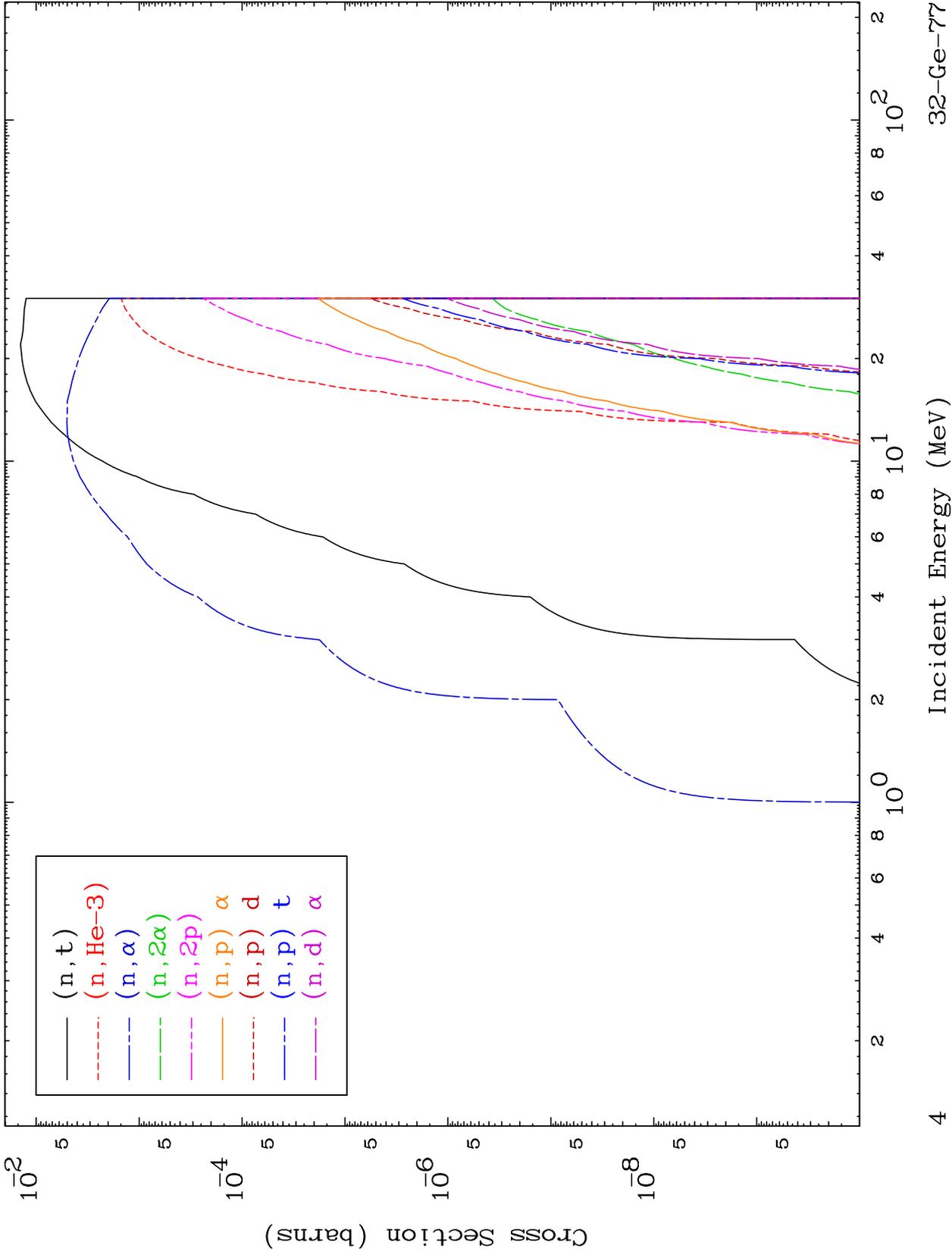




MAT 3246

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

<sup>32</sup>Ge-77

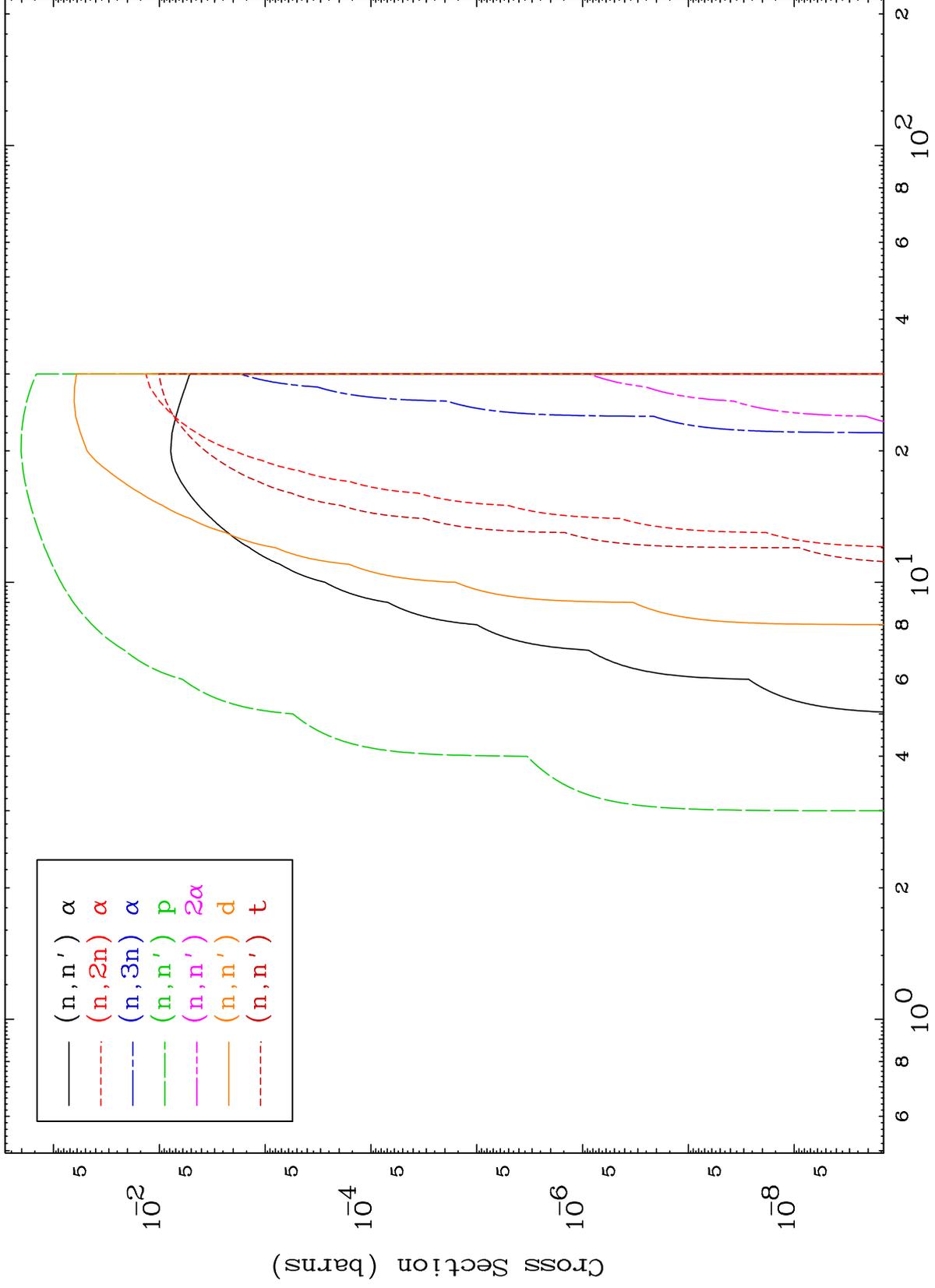


<sup>32</sup>Ge-77

MAT 3246

Deuteron Charged Particle  
0 Kelvin Cross Sections

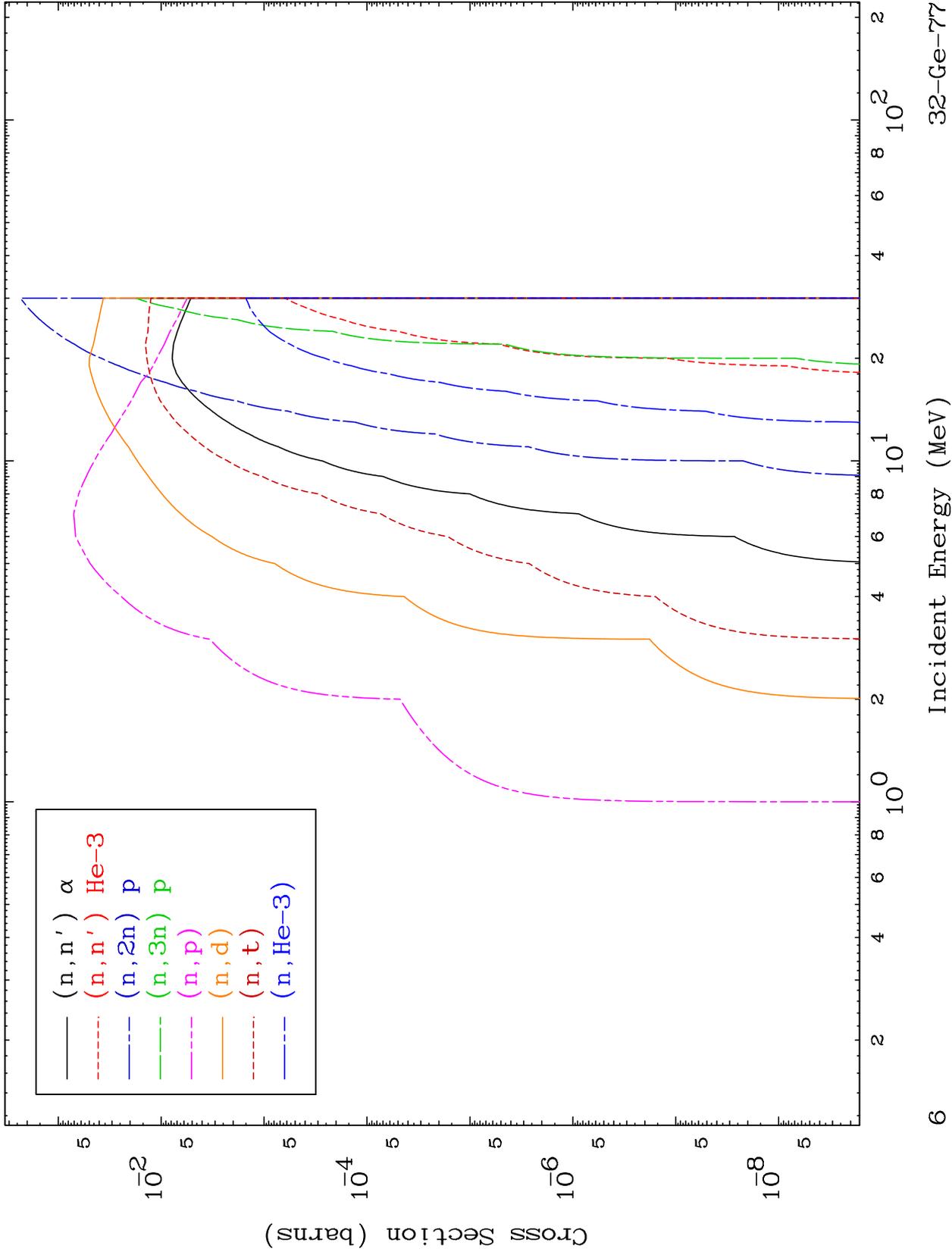
32-Ge-77



5

Incident Energy (MeV)

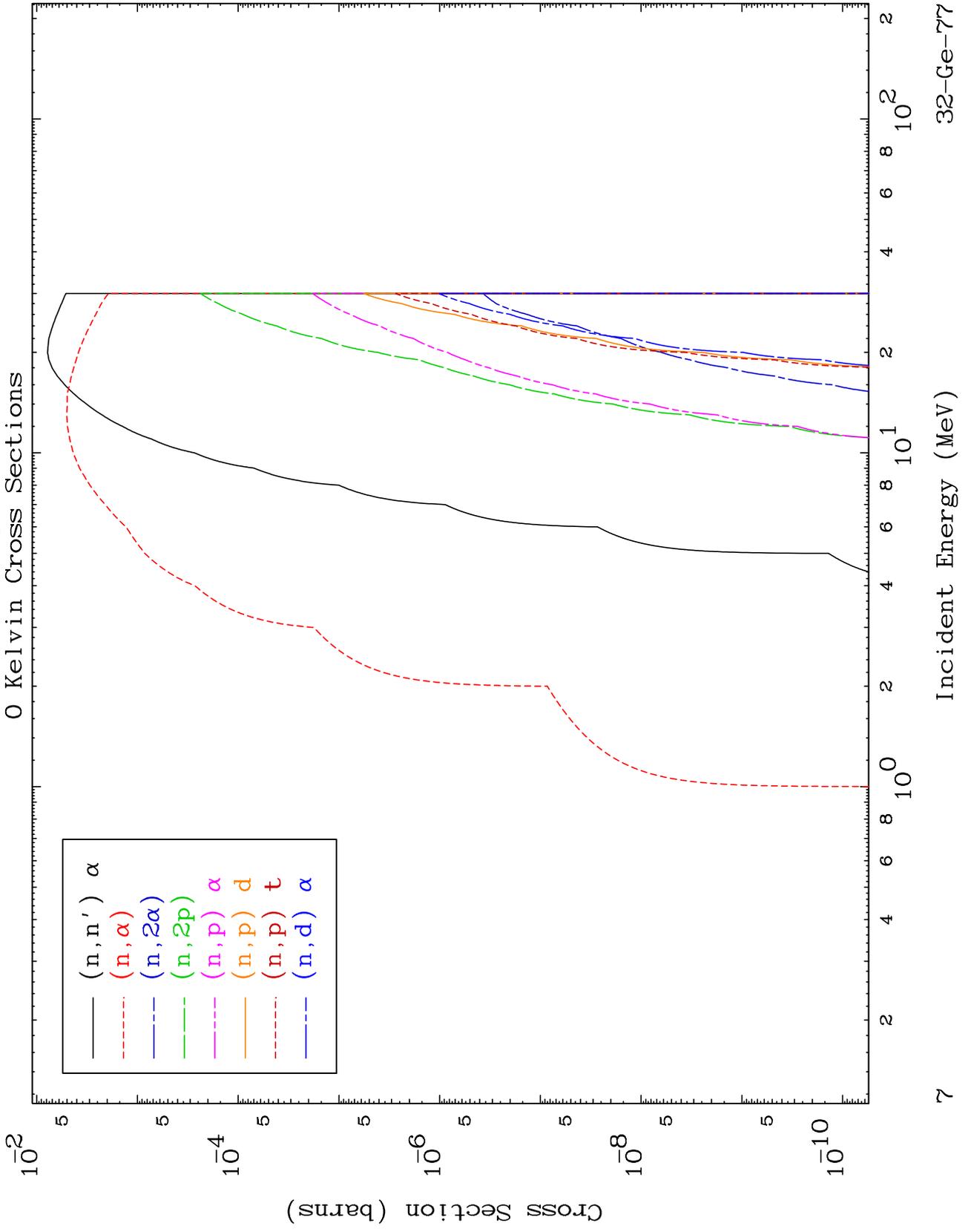
32-Ge-77



MAT 3246

Deuteron Charged Particle  
0 Kelvin Cross Sections

32-Ge-77

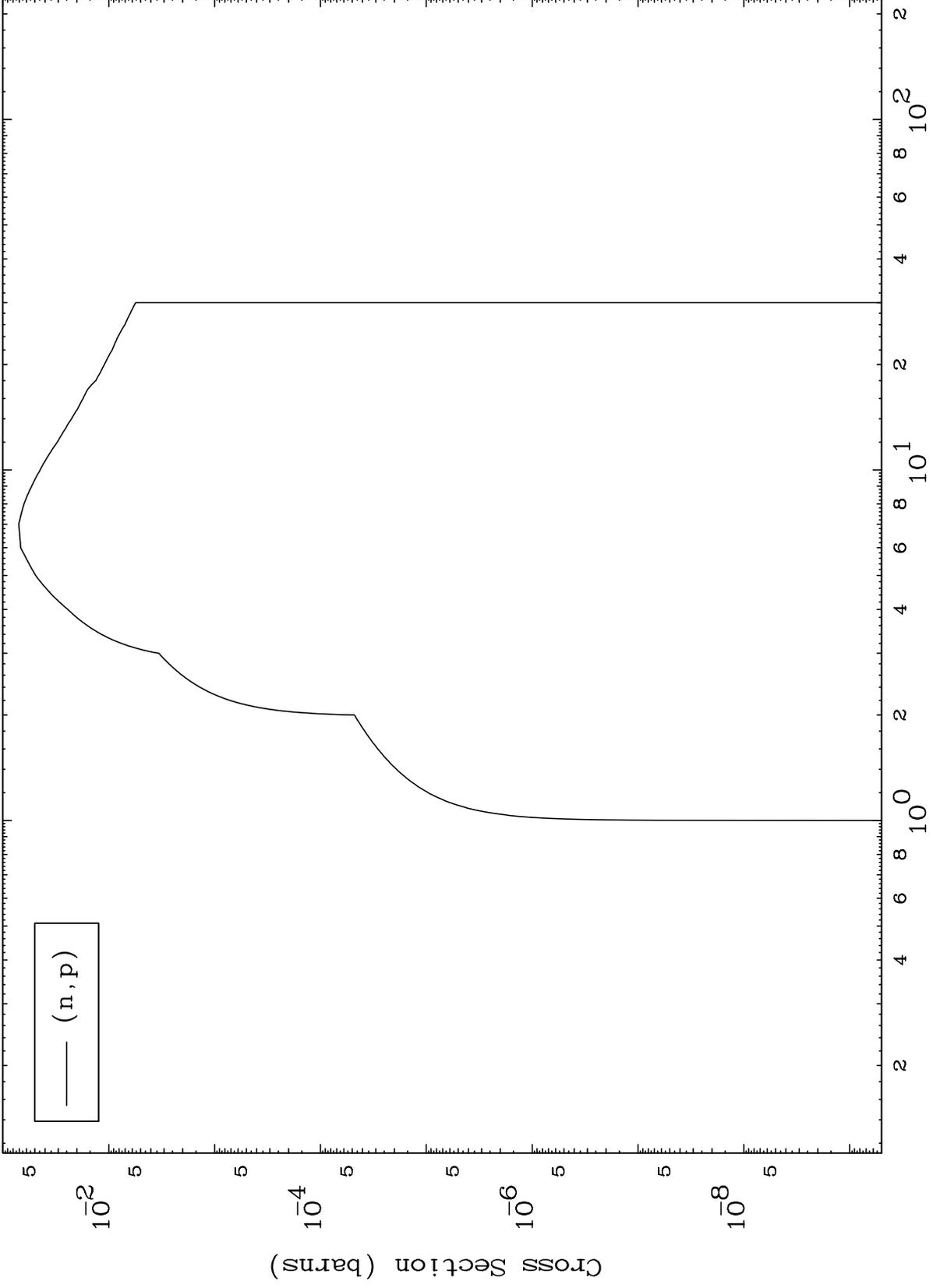


32-Ge-77

MAT 3246

<sup>32</sup>Ge-77

(d,p) Levels  
0 Kelvin Cross Sections



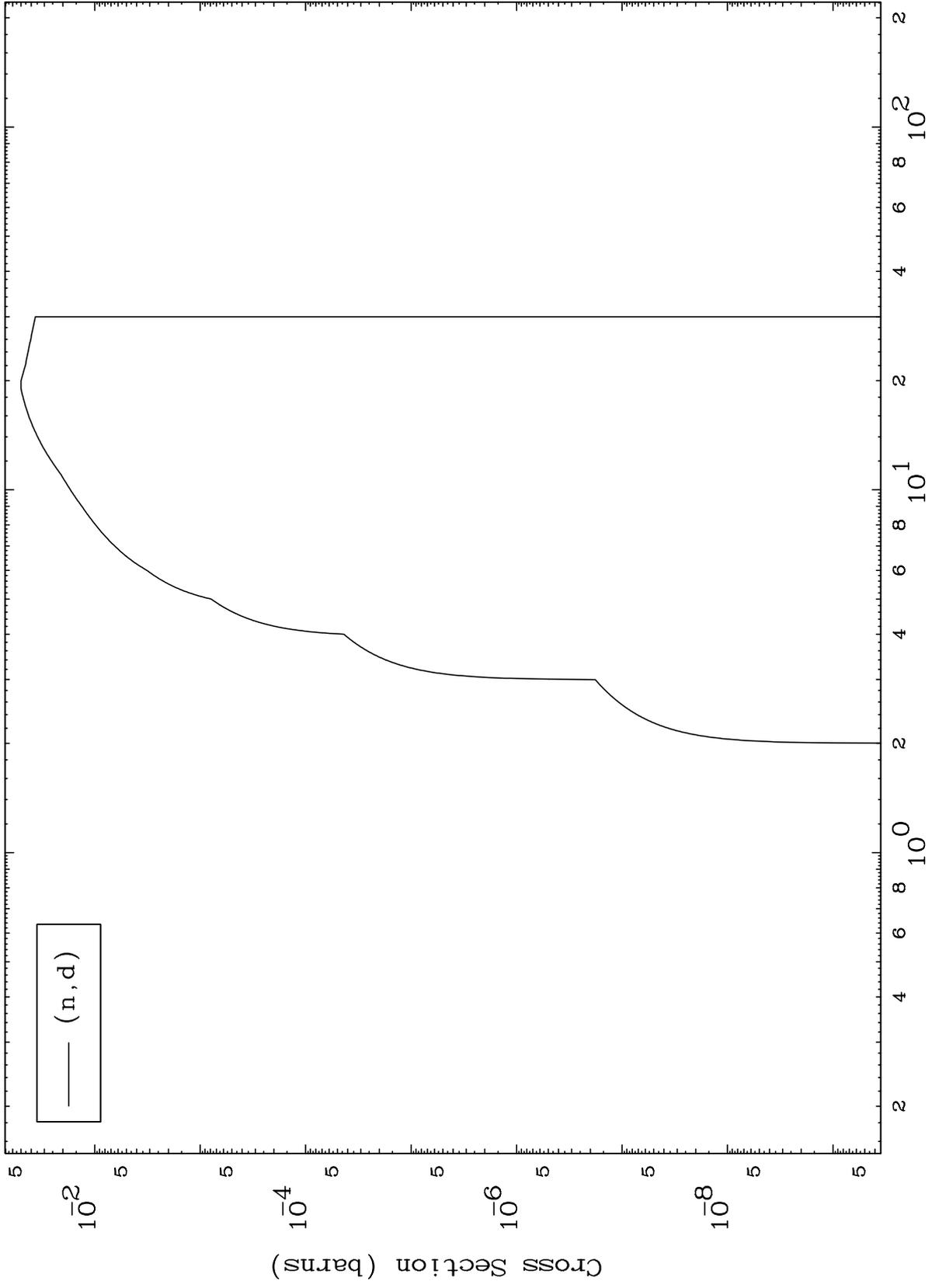
<sup>32</sup>Ge-77

Incident Energy (MeV)

MAT 3246

(d,d) Levels  
0 Kelvin Cross Sections

<sup>32</sup>Ge-77



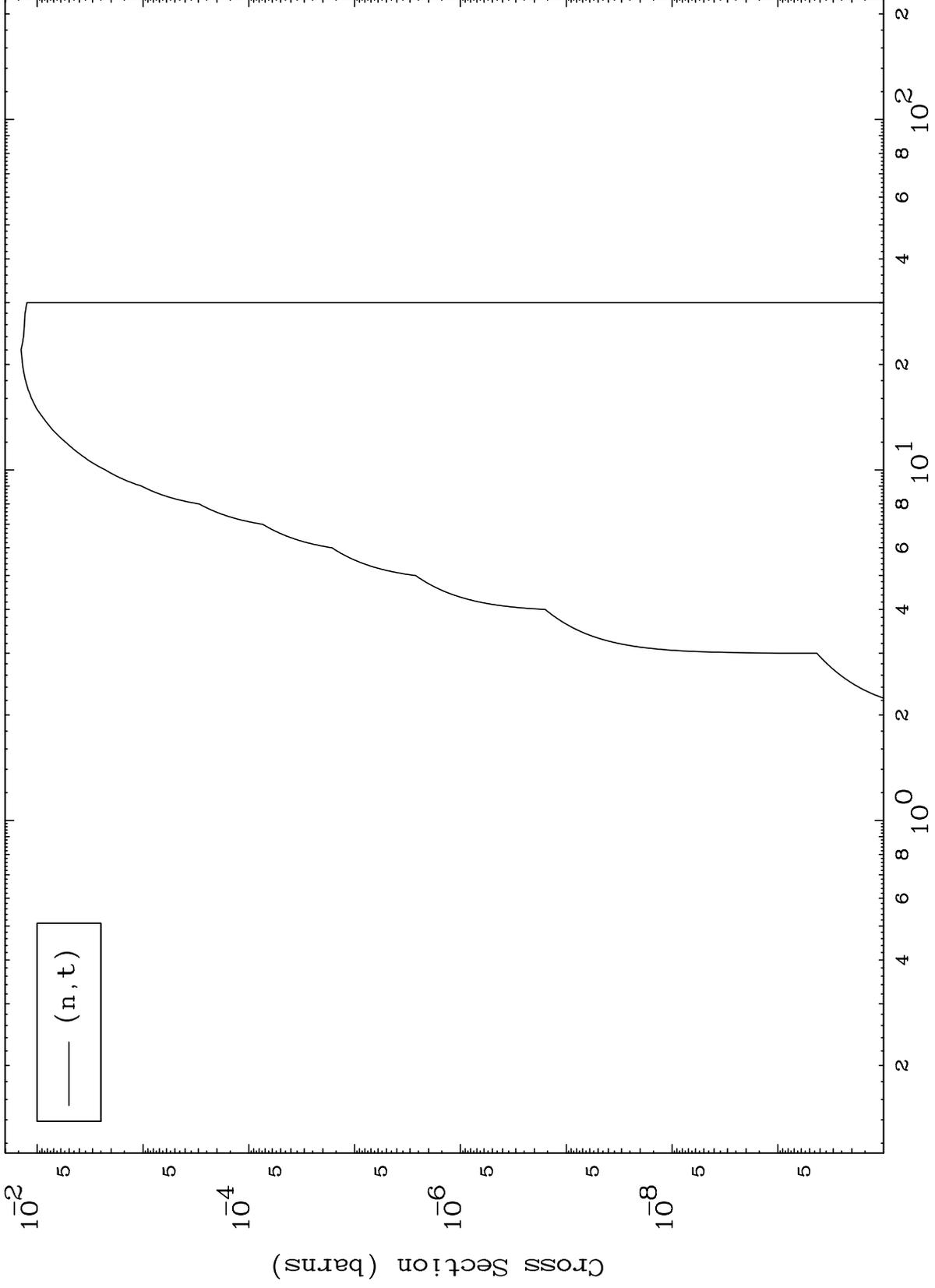
(n,d)

MAT 3246

(d, t) Levels

32-Ge-77

0 Kelvin Cross Sections



10

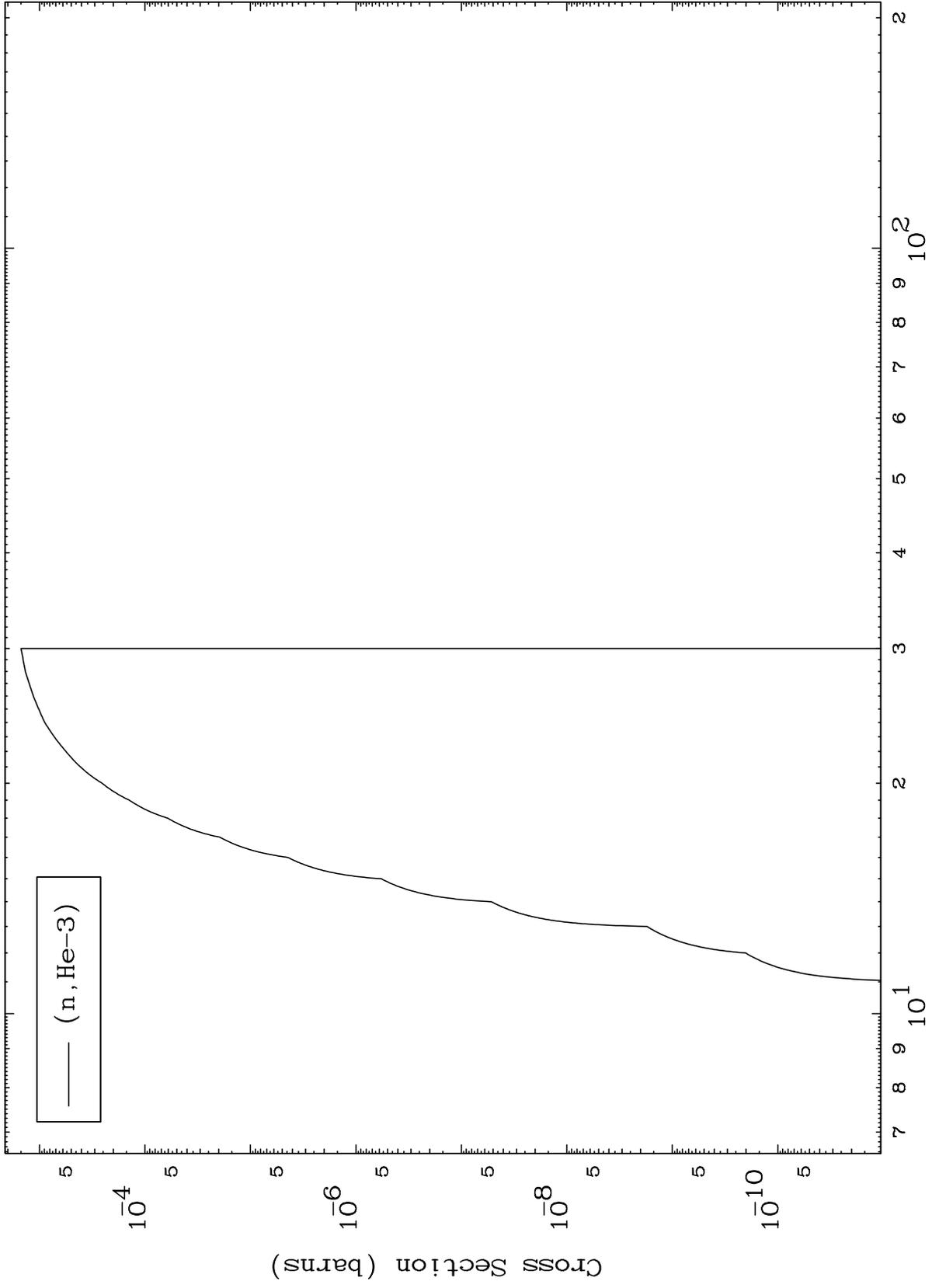
Incident Energy (MeV)

32-Ge-77

MAT 3246

(d,He3) Levels  
0 Kelvin Cross Sections

32-Ge-77



11

Incident Energy (MeV)

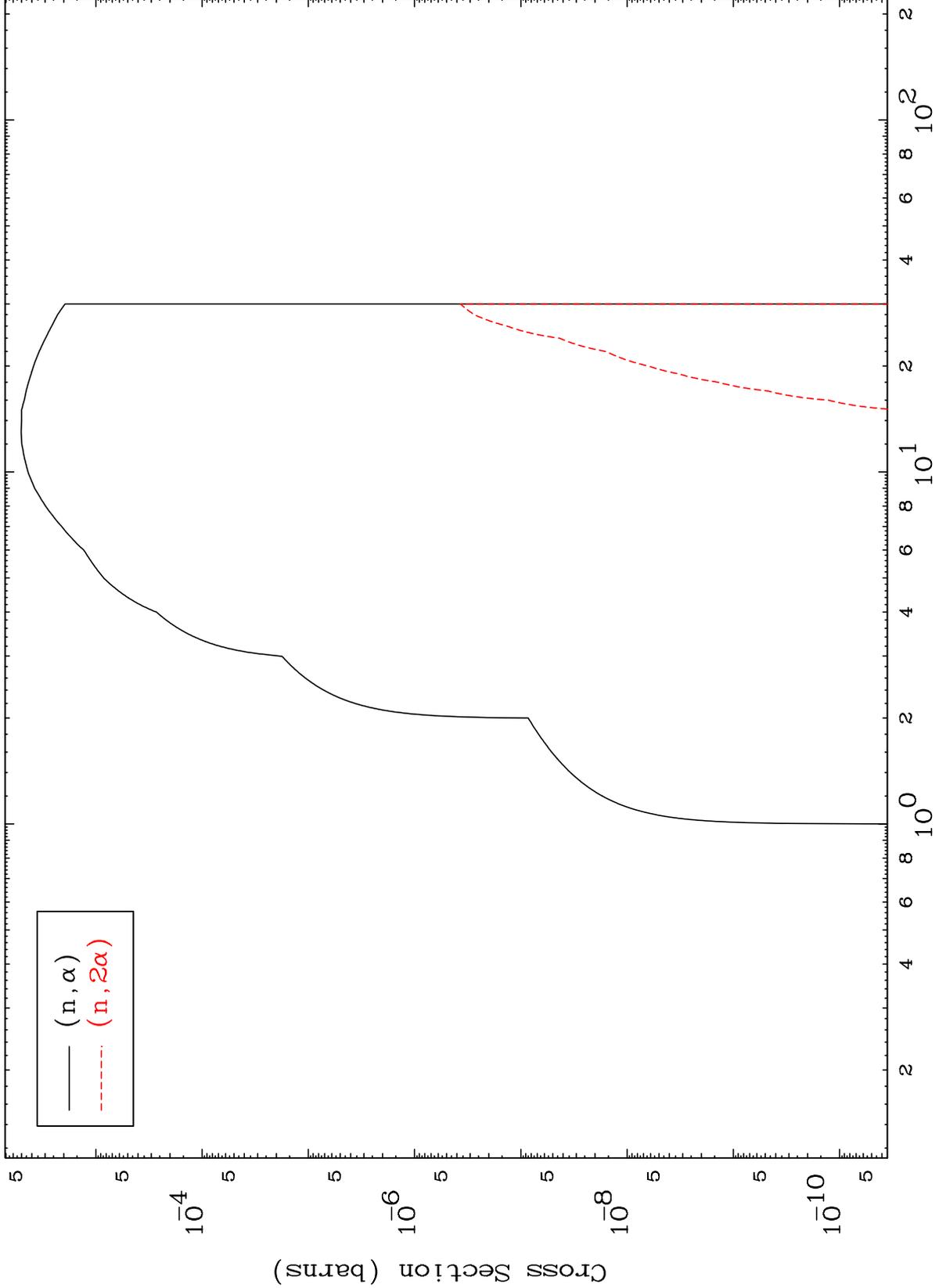
32-Ge-77

MAT 3246

(d,  $\alpha$ ) Levels

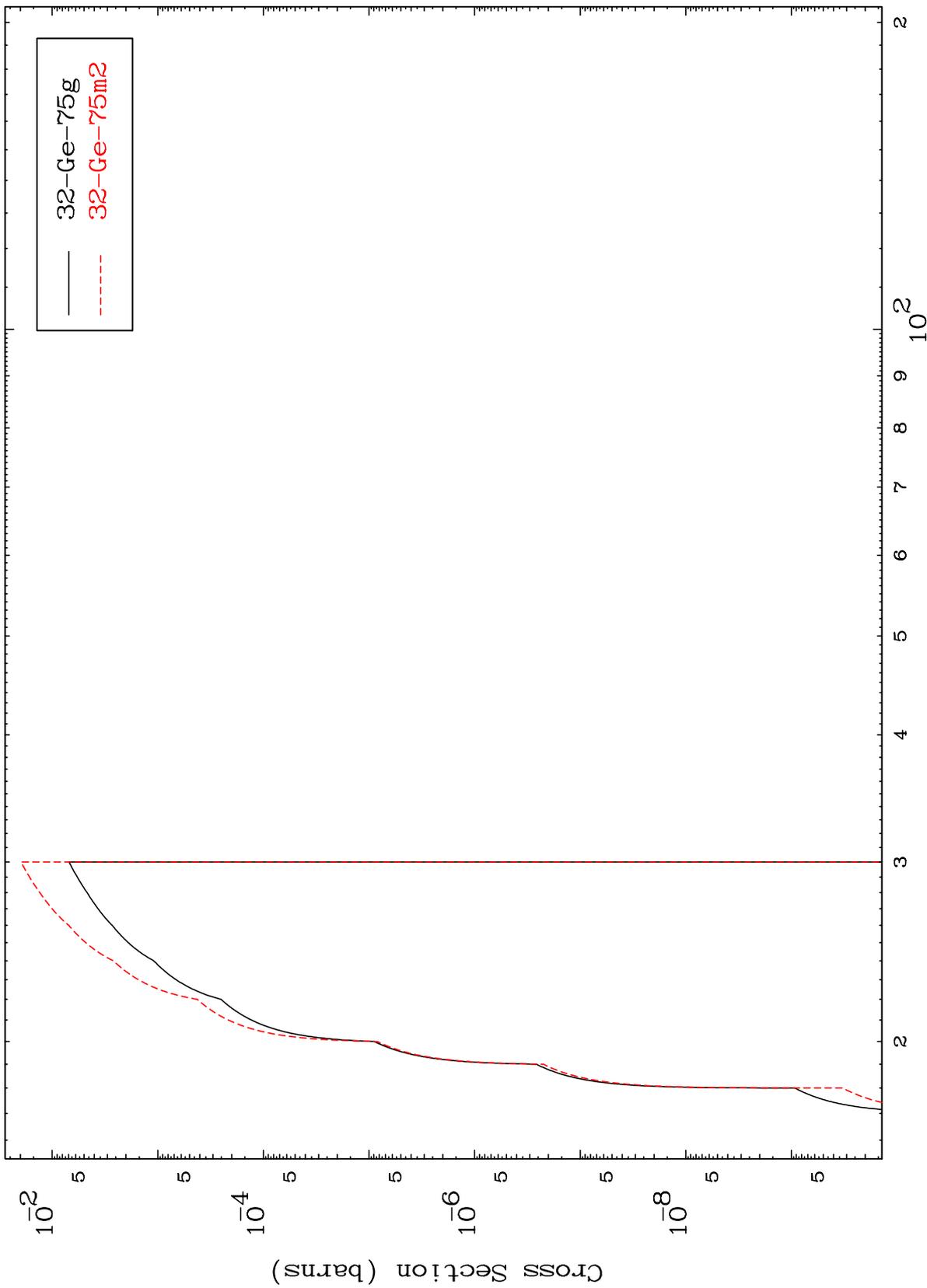
$^{32}\text{Ge-77}$

0 Kelvin Cross Sections



—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

Radionuclide Production Cross Section

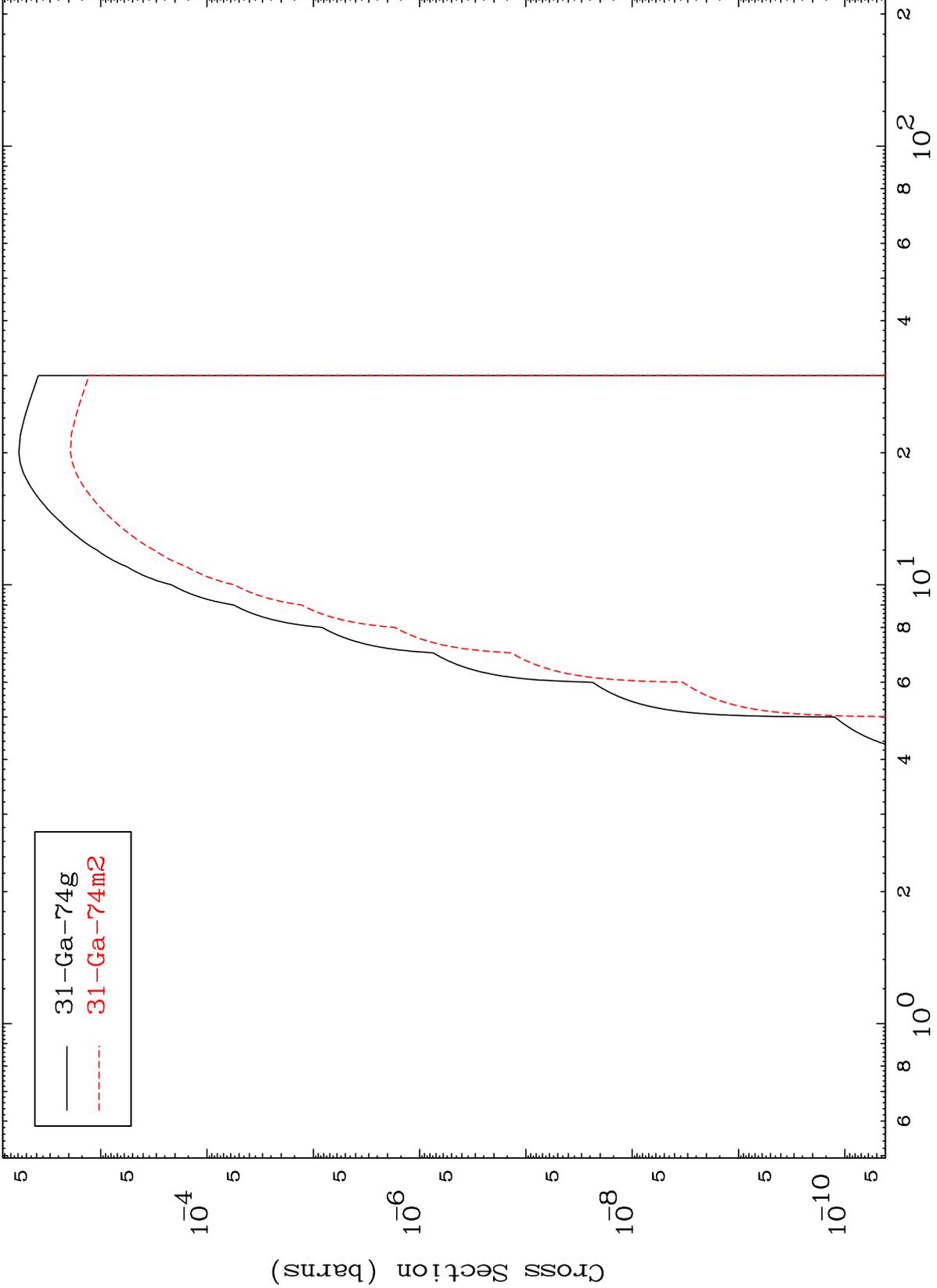


MAT 3246

(n,n')  $\alpha$

32-Ge-77

Radionuclide Production Cross Section



31-Ga-74g  
31-Ga-74m2

14

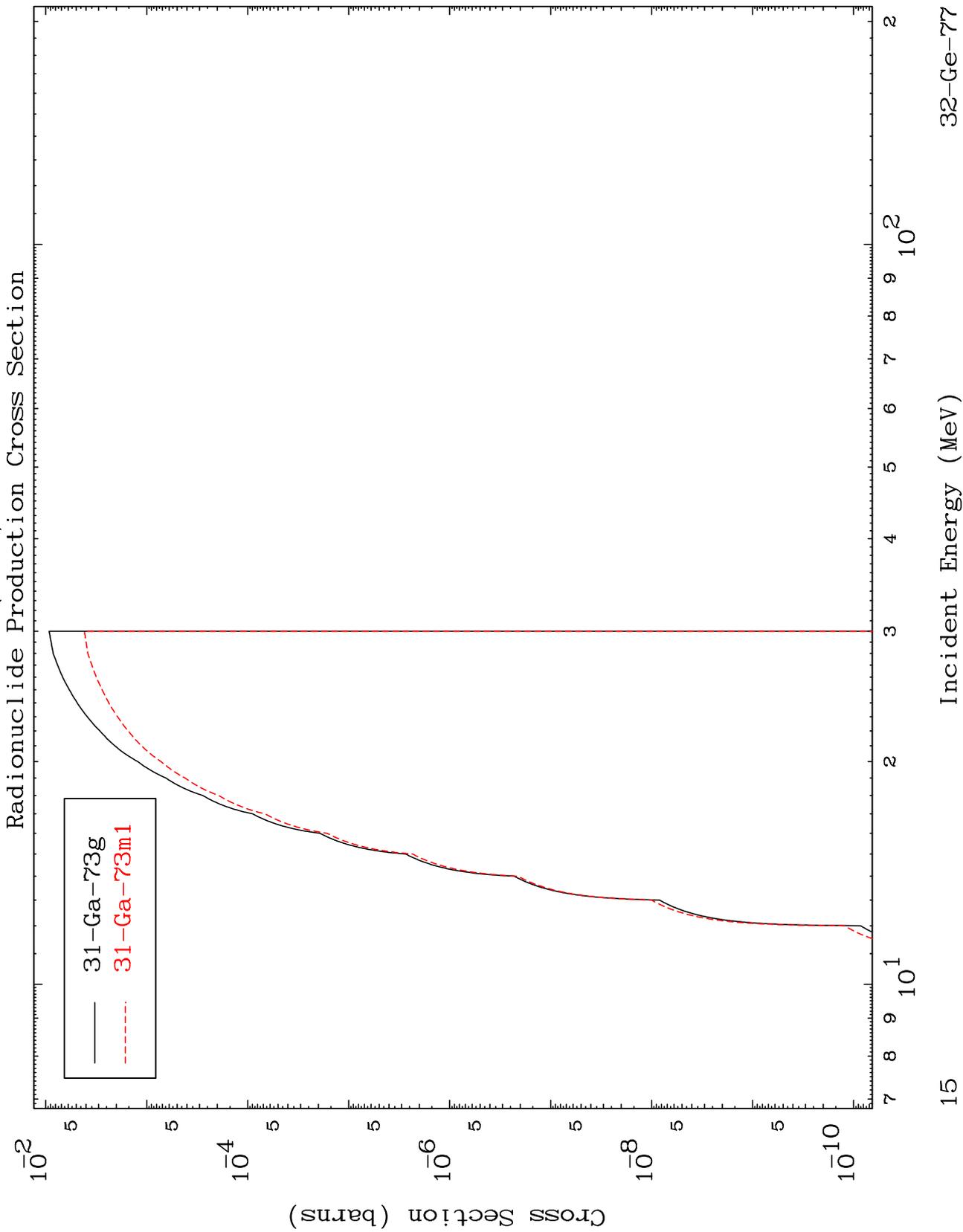
Incident Energy (MeV)

32-Ge-77

MAT 3246

$(n, 2n) \alpha$

$^{32}\text{Ge-77}$



15

Incident Energy (MeV)

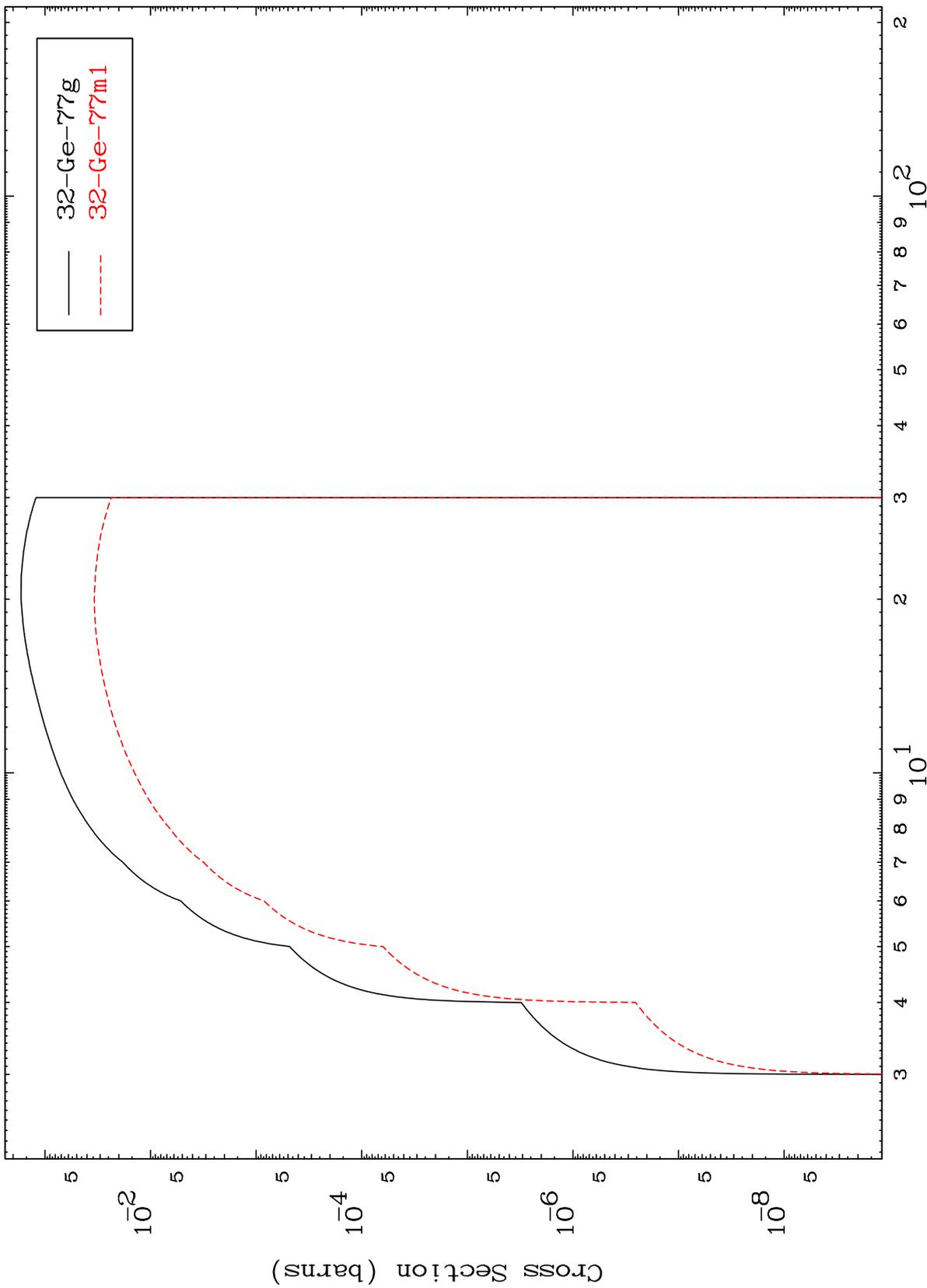
$^{32}\text{Ge-77}$

MAT 3246

(n,n') p

<sup>32</sup>Ge-<sup>77</sup>

Radionuclide Production Cross Section



16

Incident Energy (MeV)

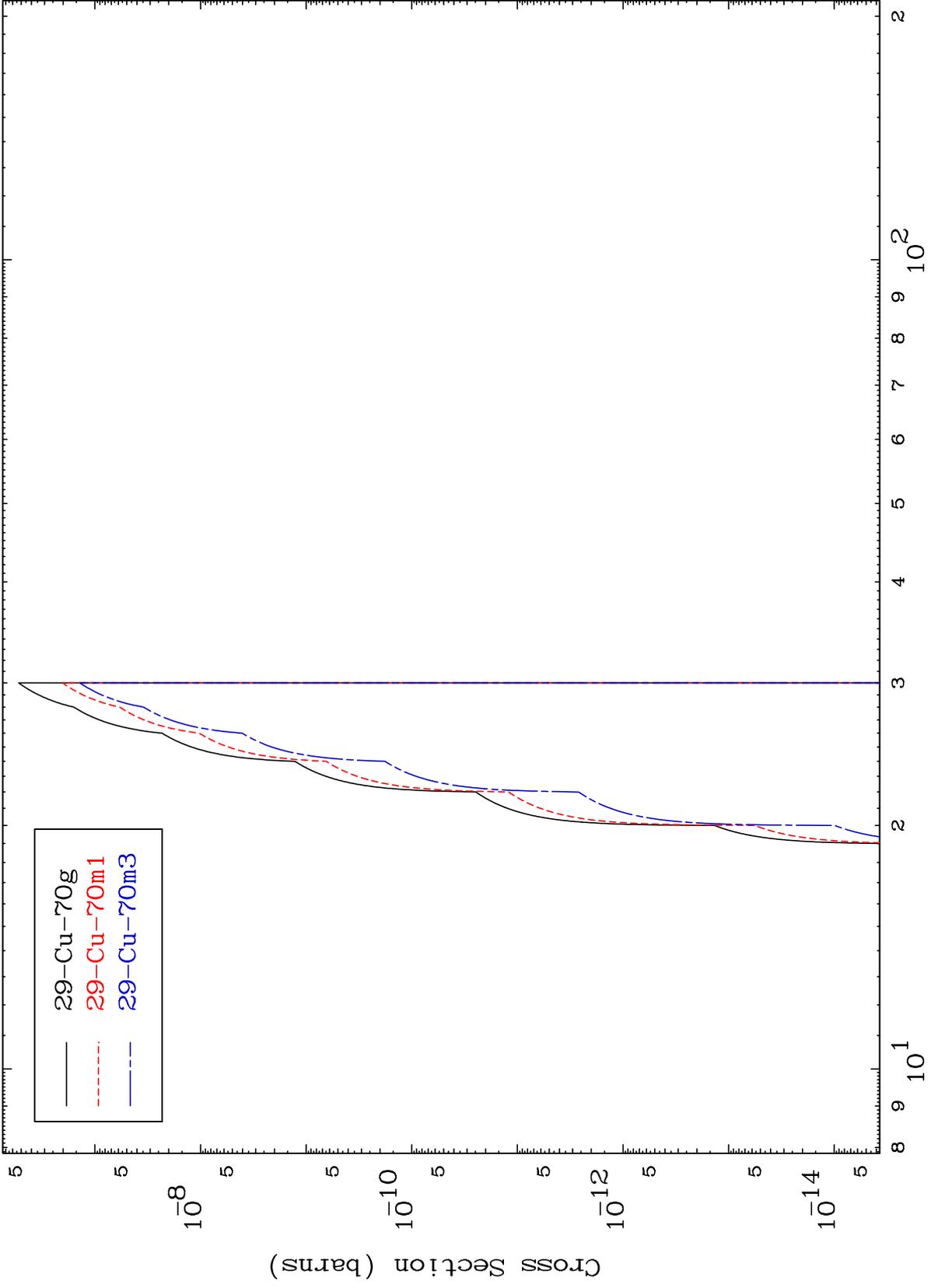
<sup>32</sup>Ge-<sup>77</sup>

MAT 3246

(n,n') 2 $\alpha$

32-Ge-77

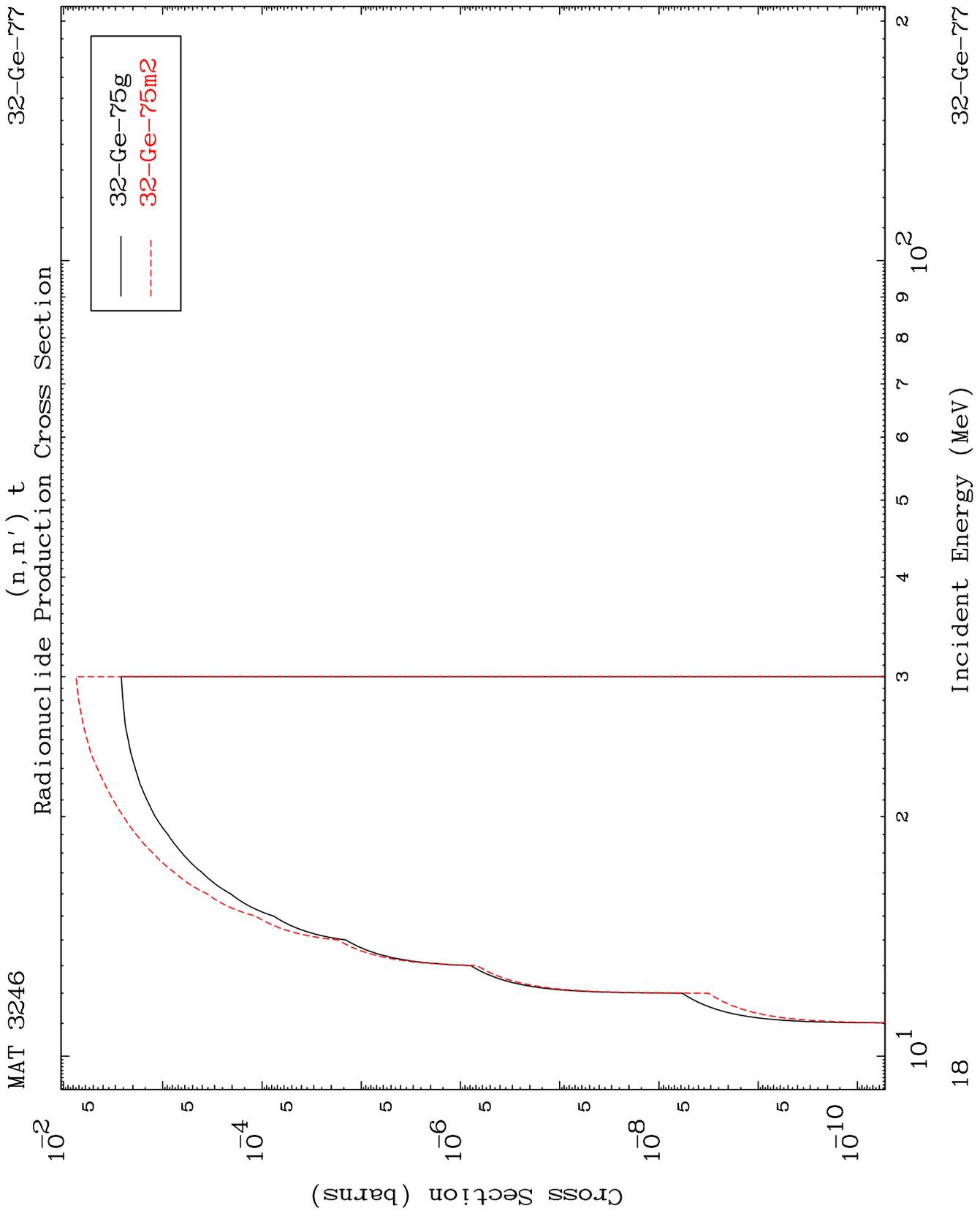
Radionuclide Production Cross Section



17

Incident Energy (MeV)

32-Ge-77

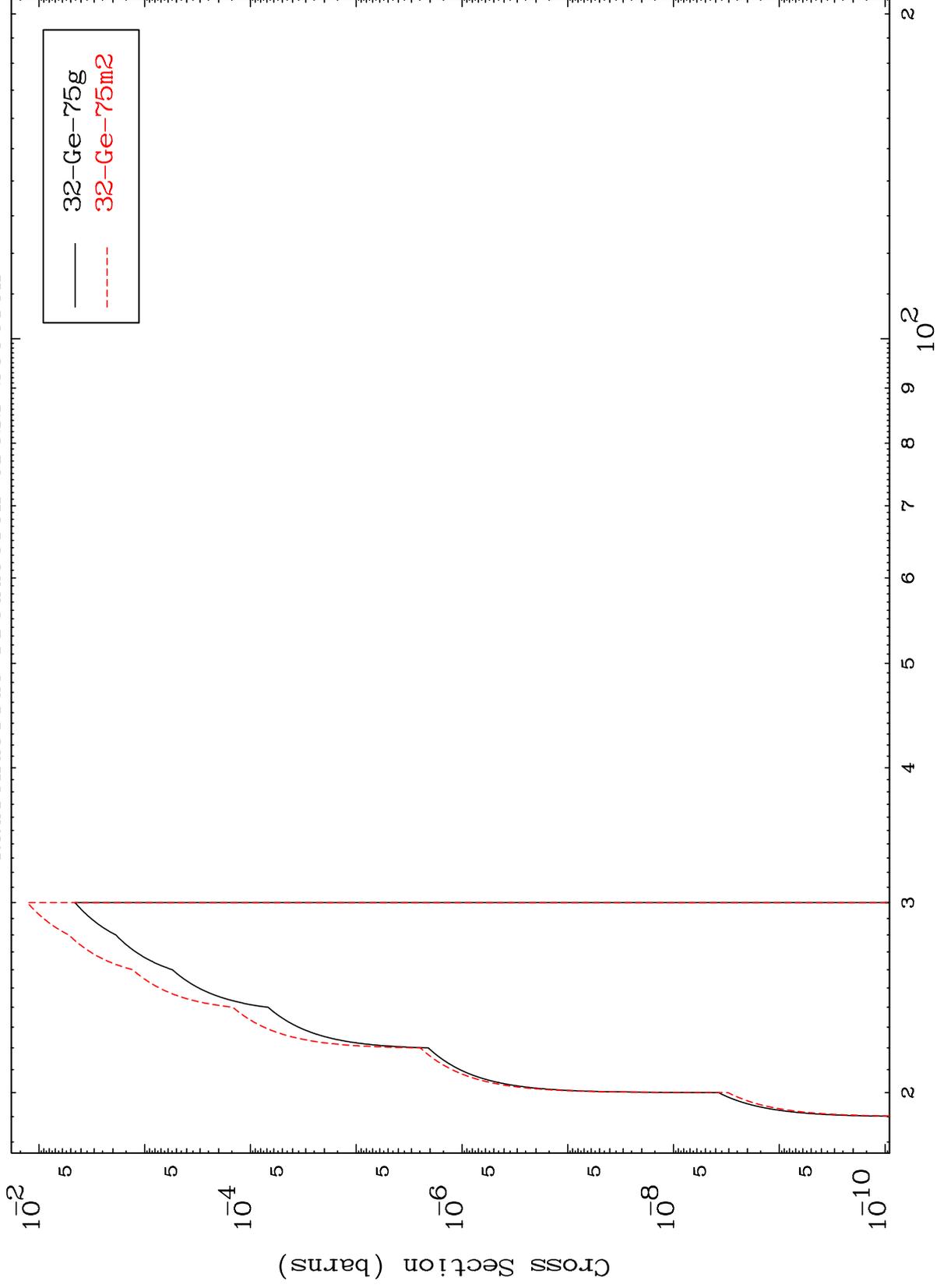


MAT 3246

(n,3n) p

<sup>32</sup>Ge-77

Radionuclide Production Cross Section



19

Incident Energy (MeV)

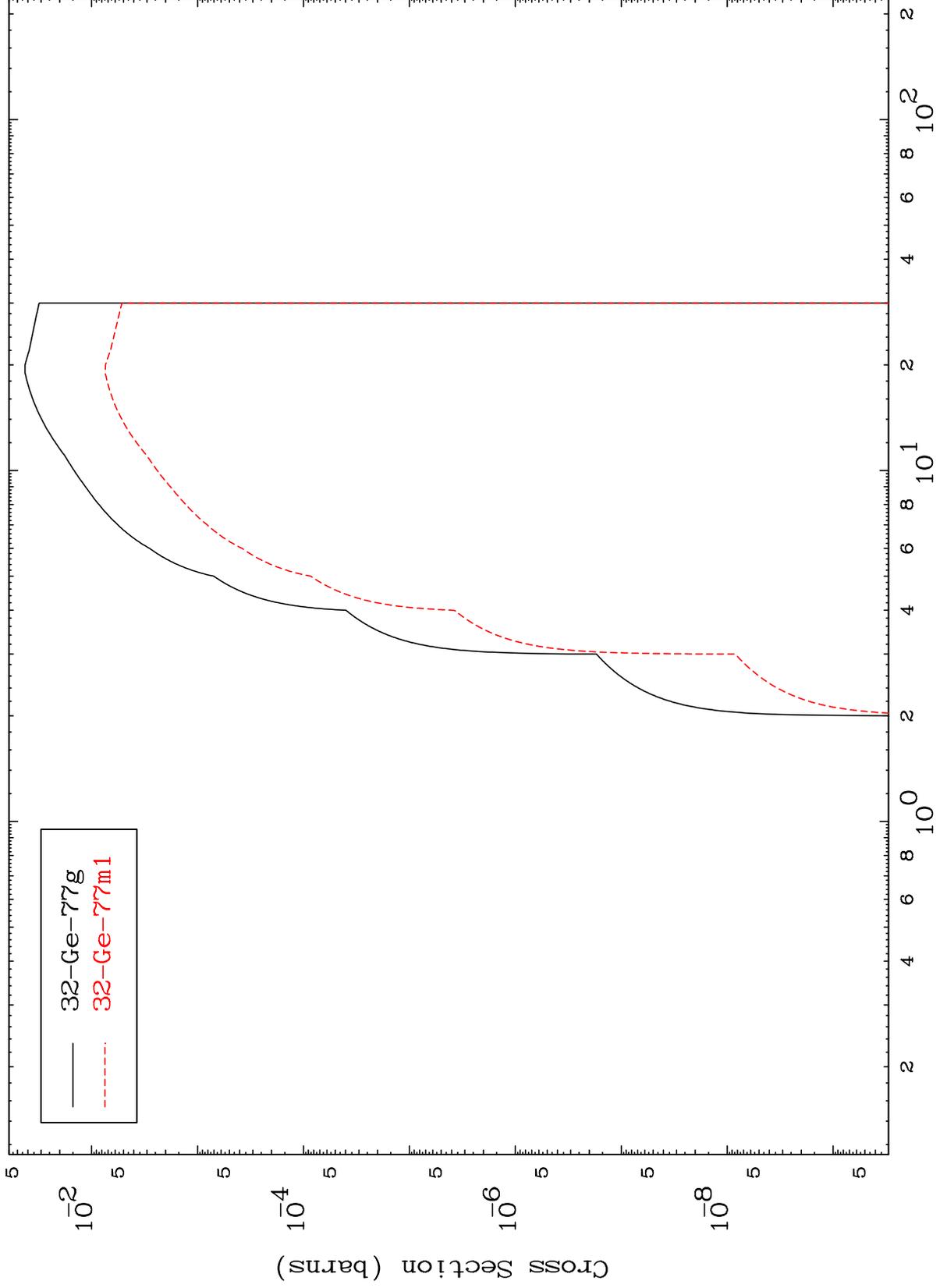
<sup>32</sup>Ge-77

MAT 3246

(n, d)

<sup>32</sup>Ge-<sup>77</sup>

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>32</sup>Ge-<sup>77</sup>