

Program EVALPLOT
(Version 2021-1)

by

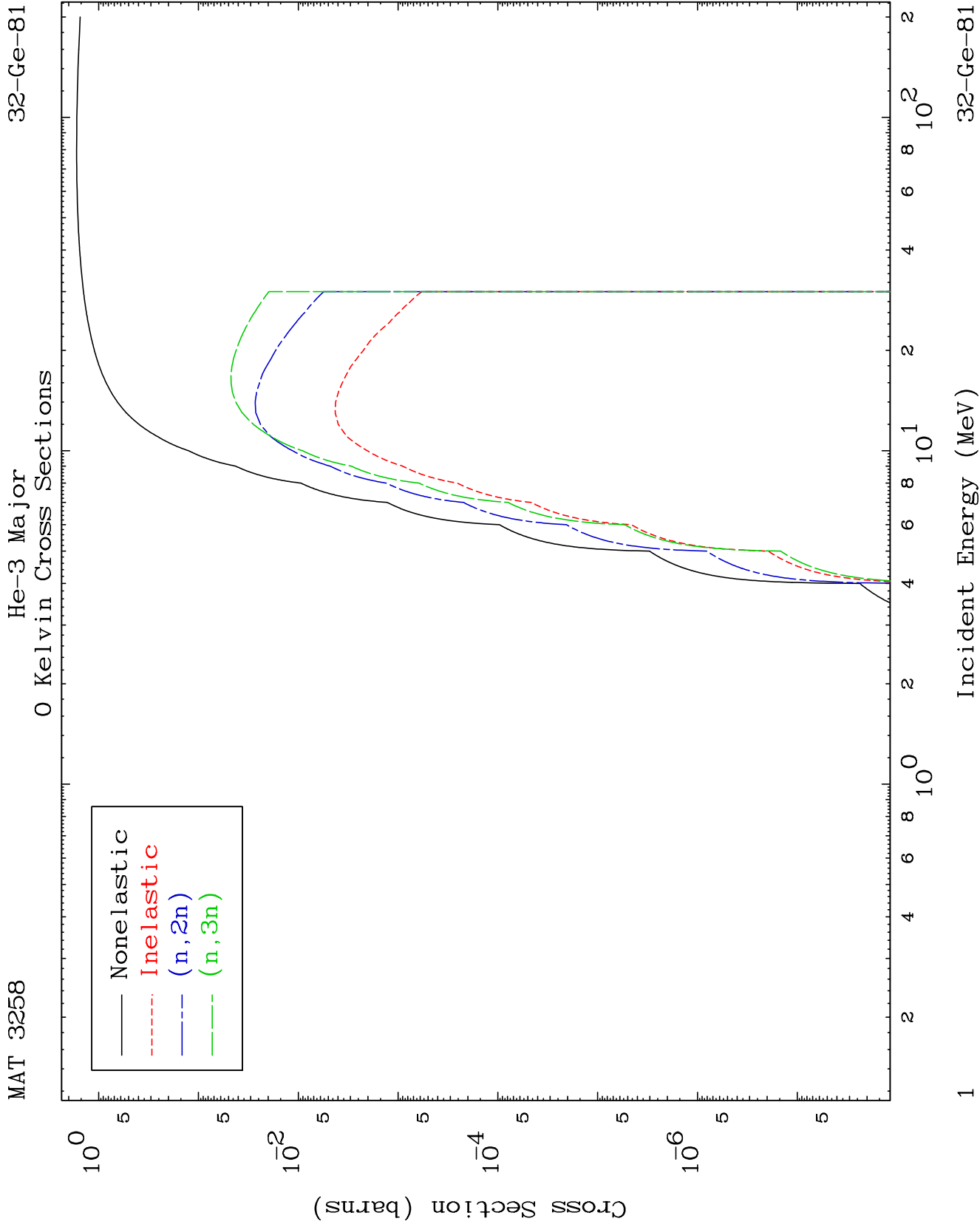
Dermott E. Cullen
(Present Contact Information)

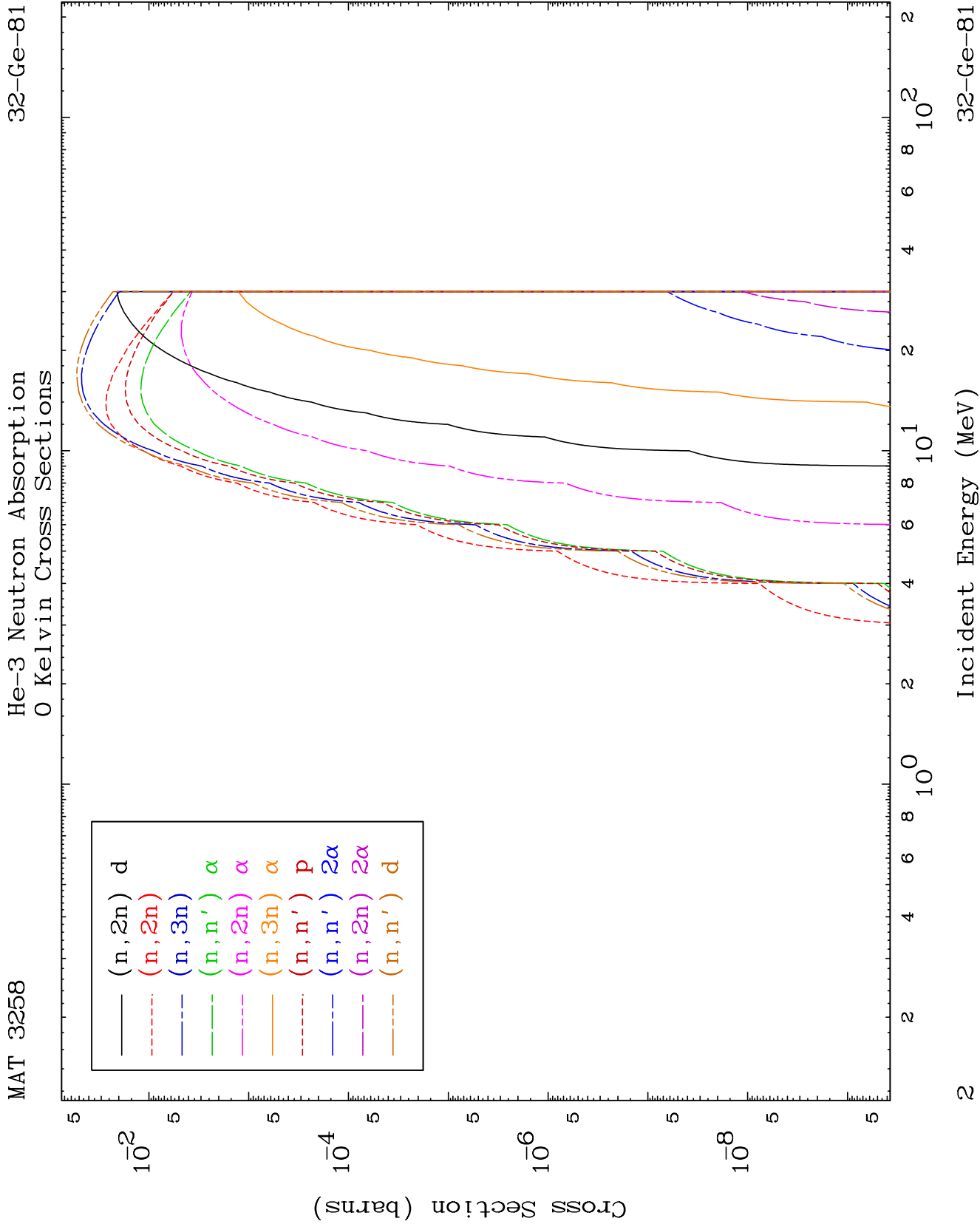
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

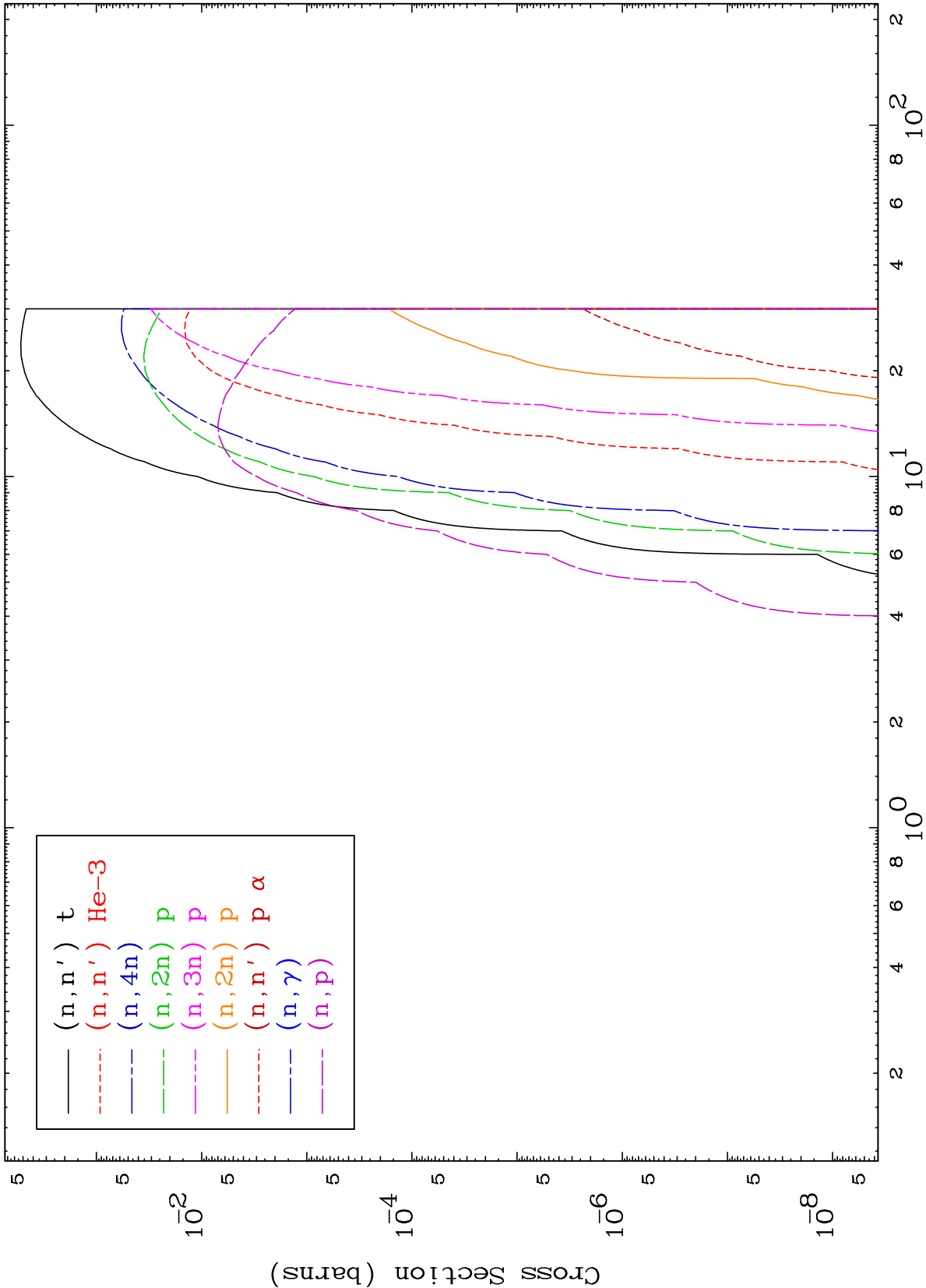
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



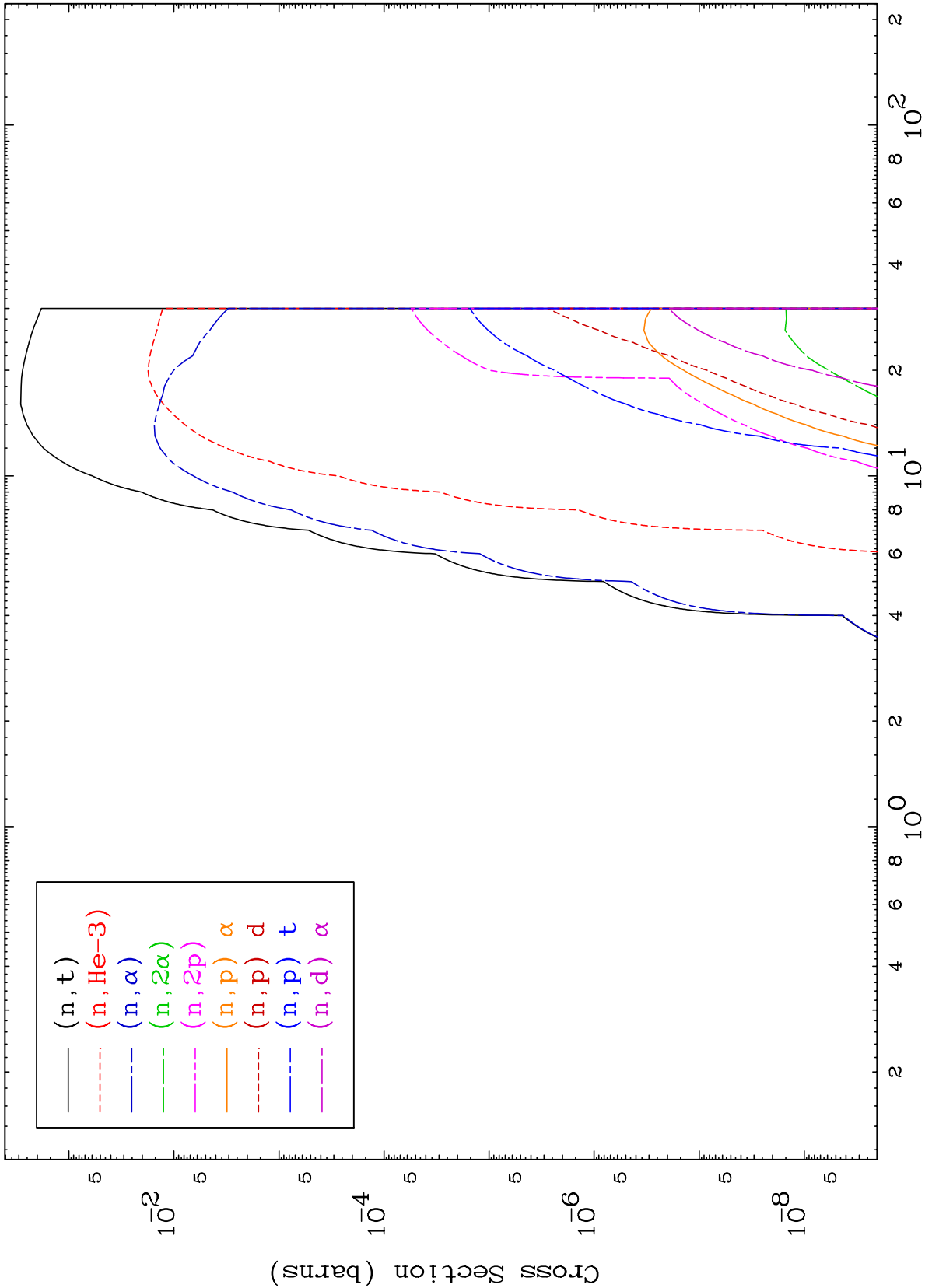




MAT 3258

He-3 Neutron Absorption
0 Kelvin Cross Sections

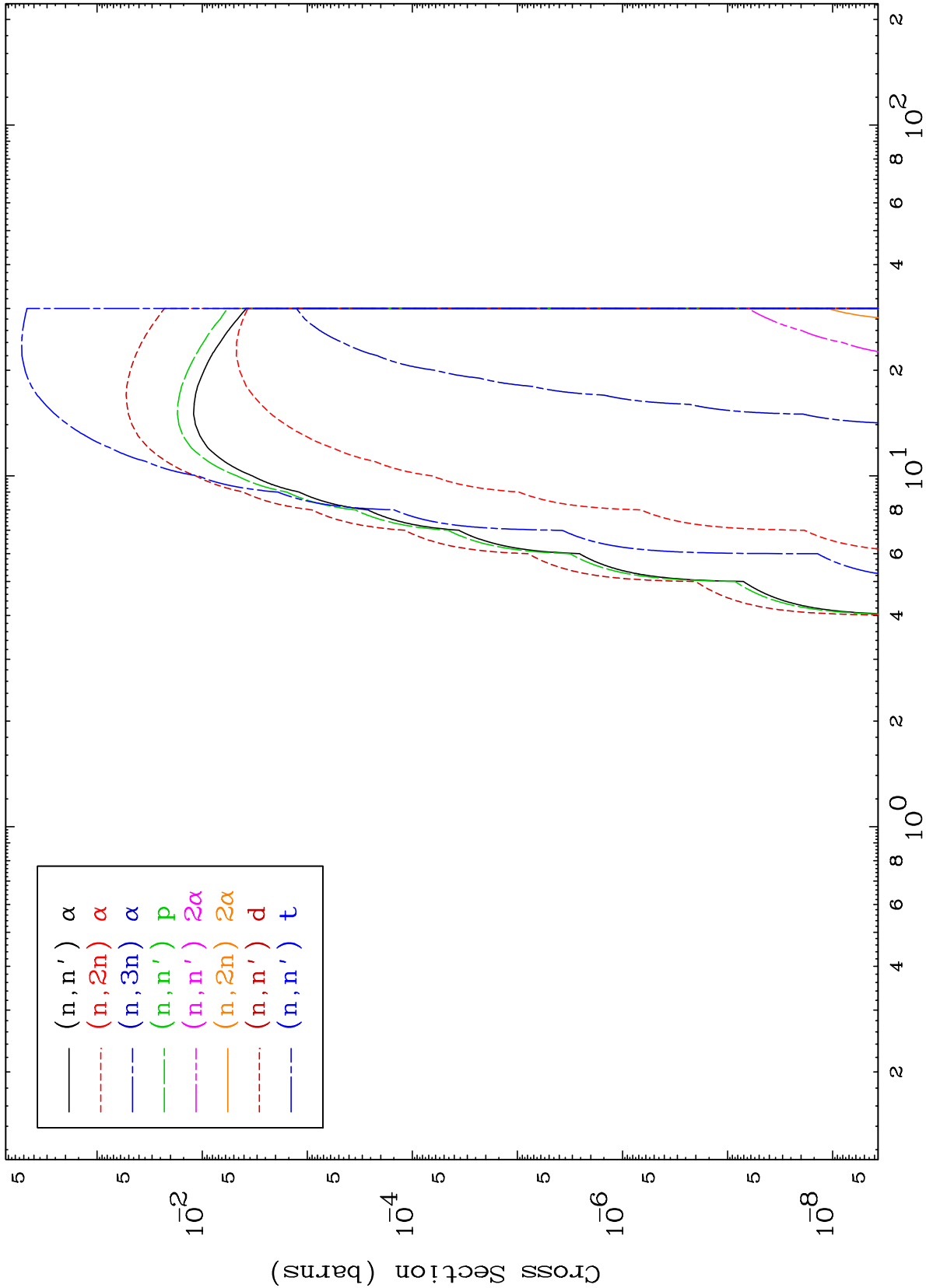
32-Ge-81



MAT 3258

He-3 Charged Particle
0 Kelvin Cross Sections

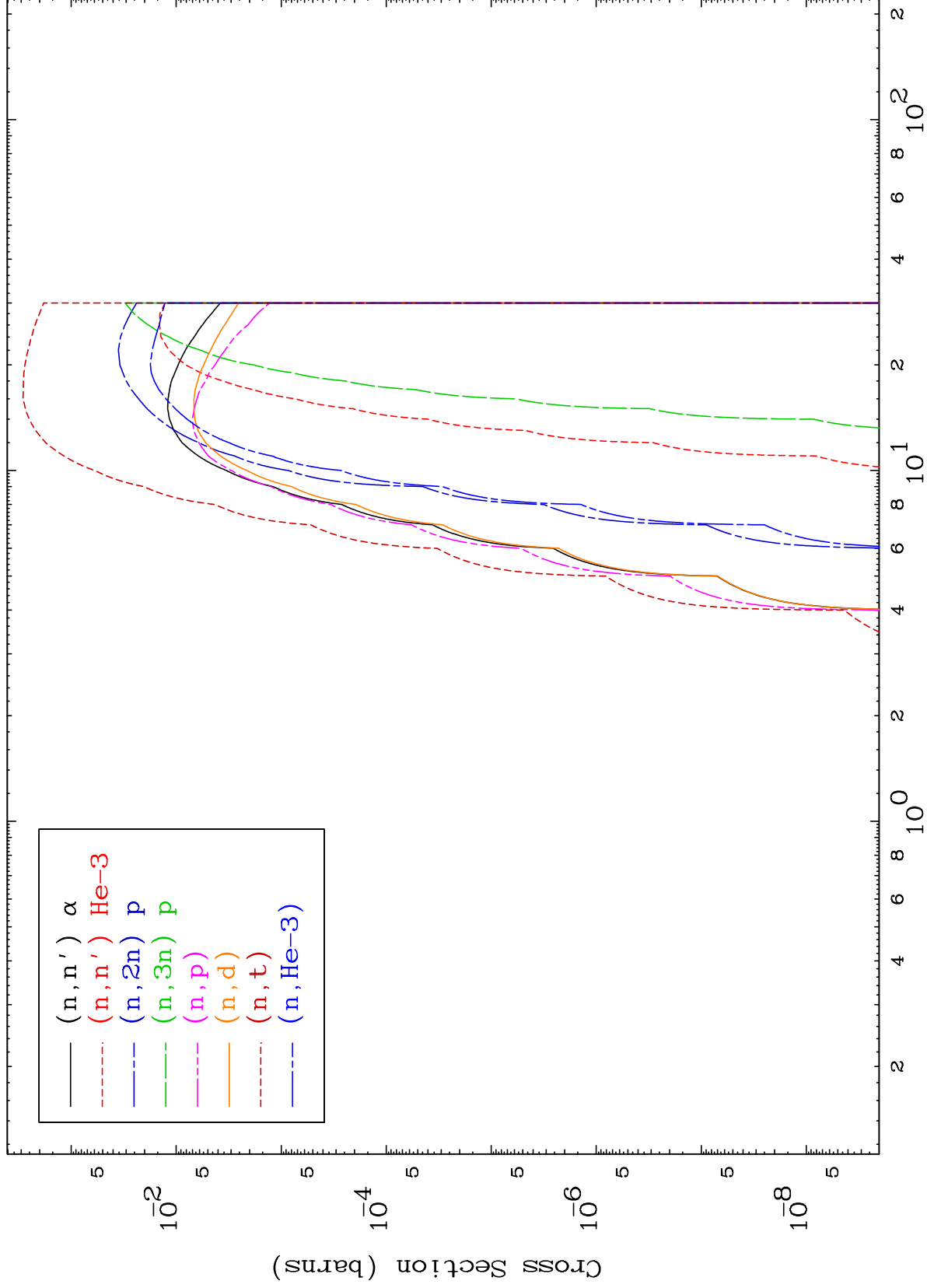
32-Ge-81



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Incident Energy (MeV)

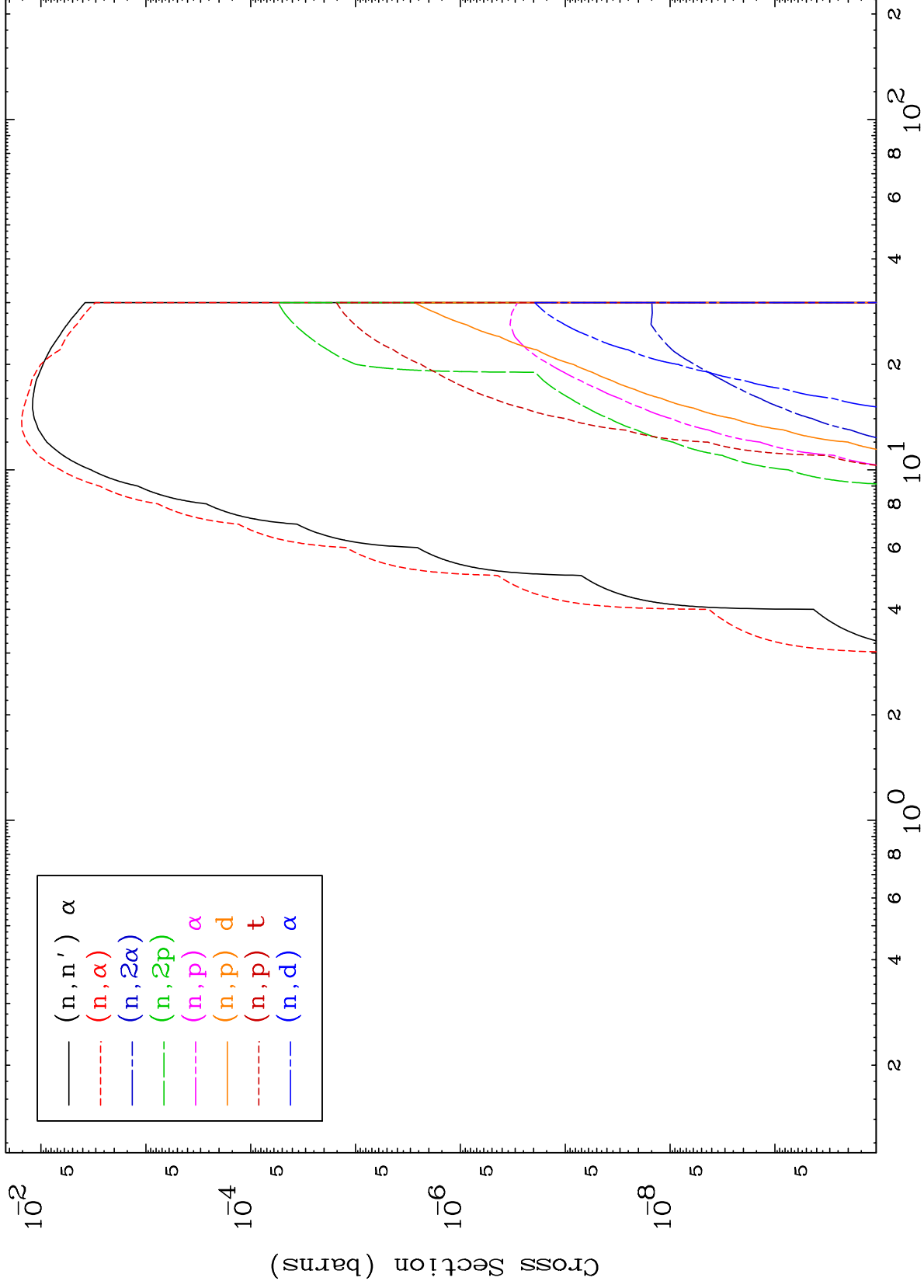
32-Ge-81



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He-3 Charged Particle
0 Kelvin Cross Sections

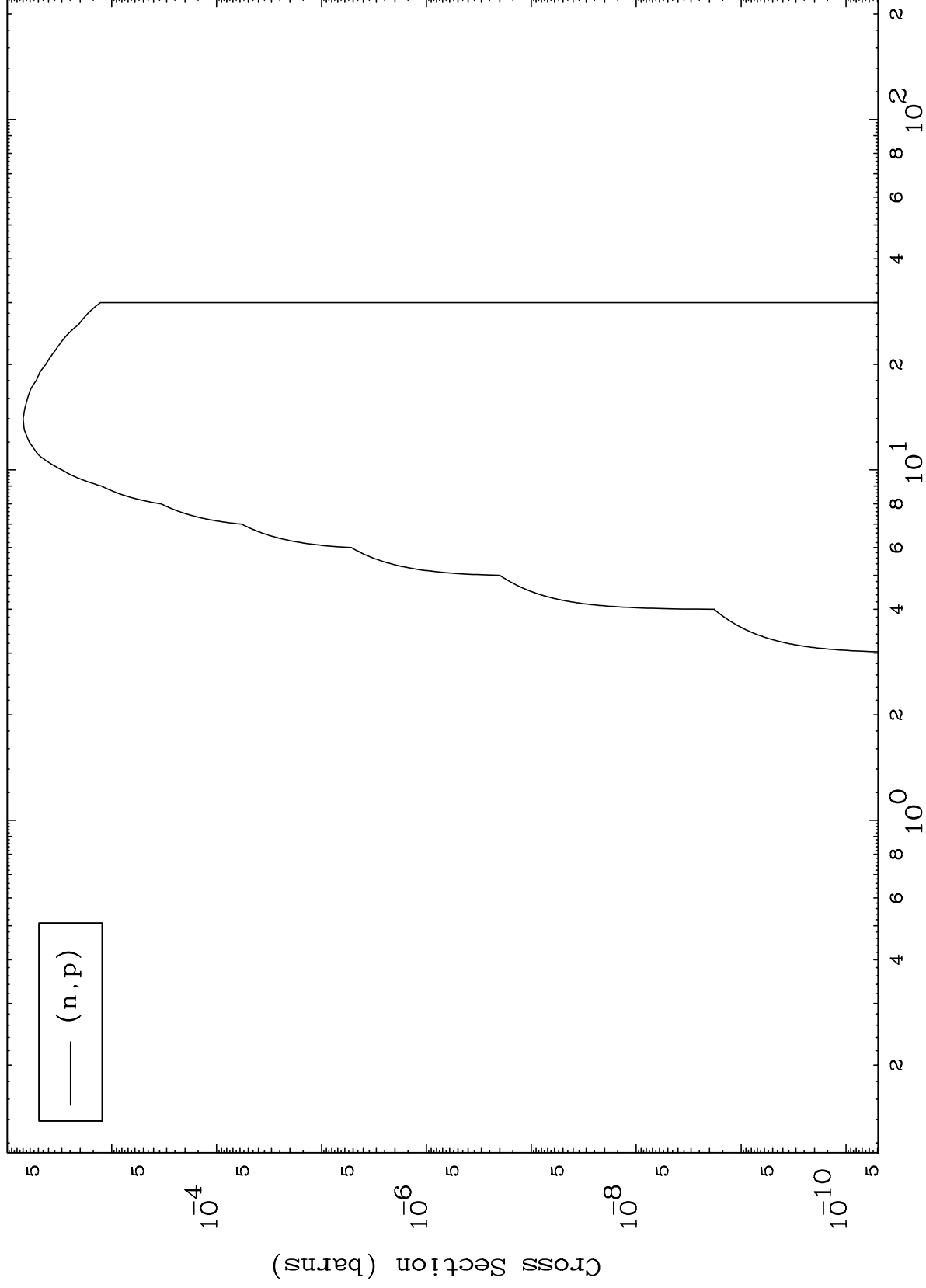
32-Ge-81



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32-Ge-81

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



— (n,p)

8

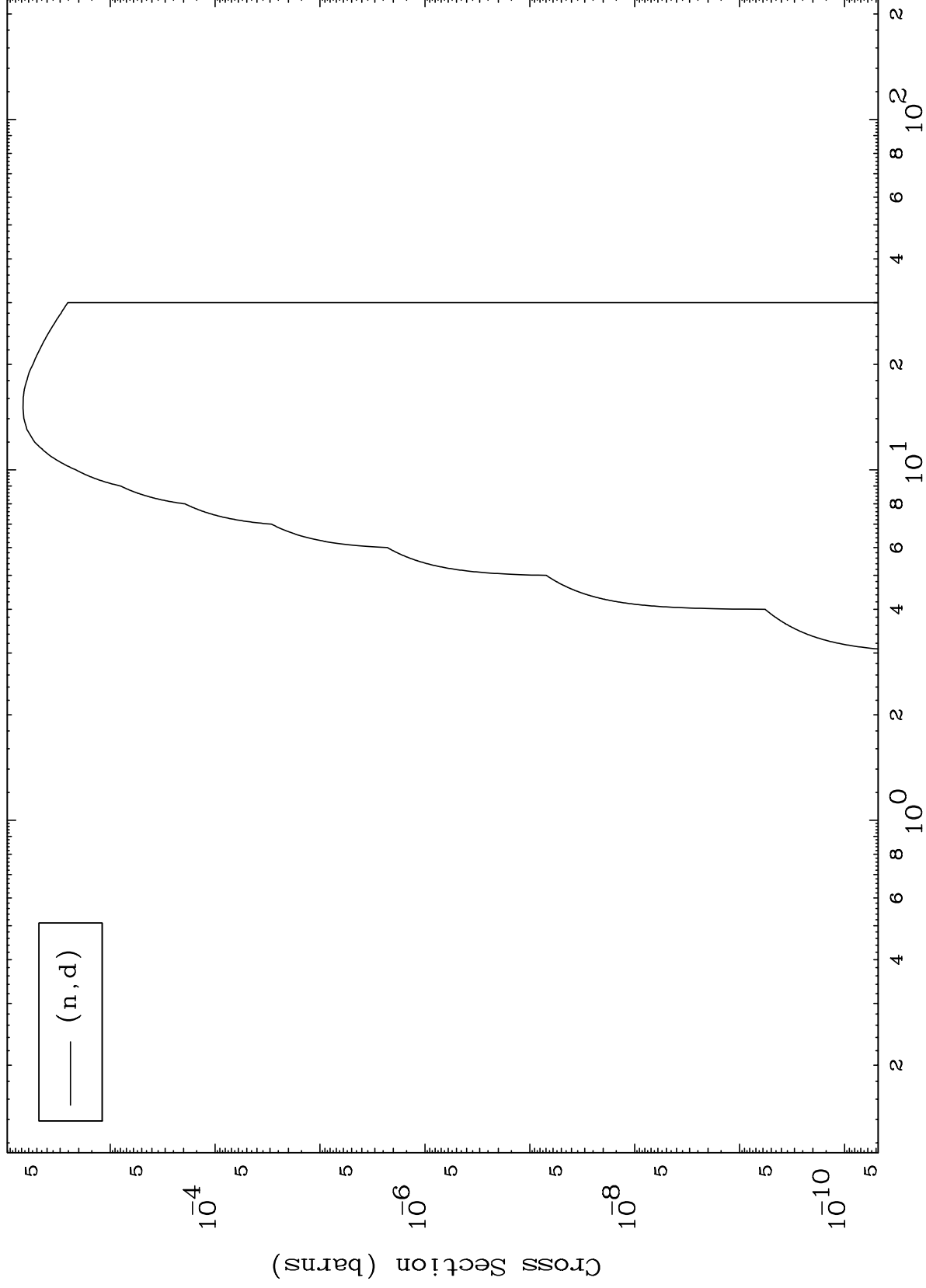
32-Ge-81

Incident Energy (MeV)

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32-Ge-81

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

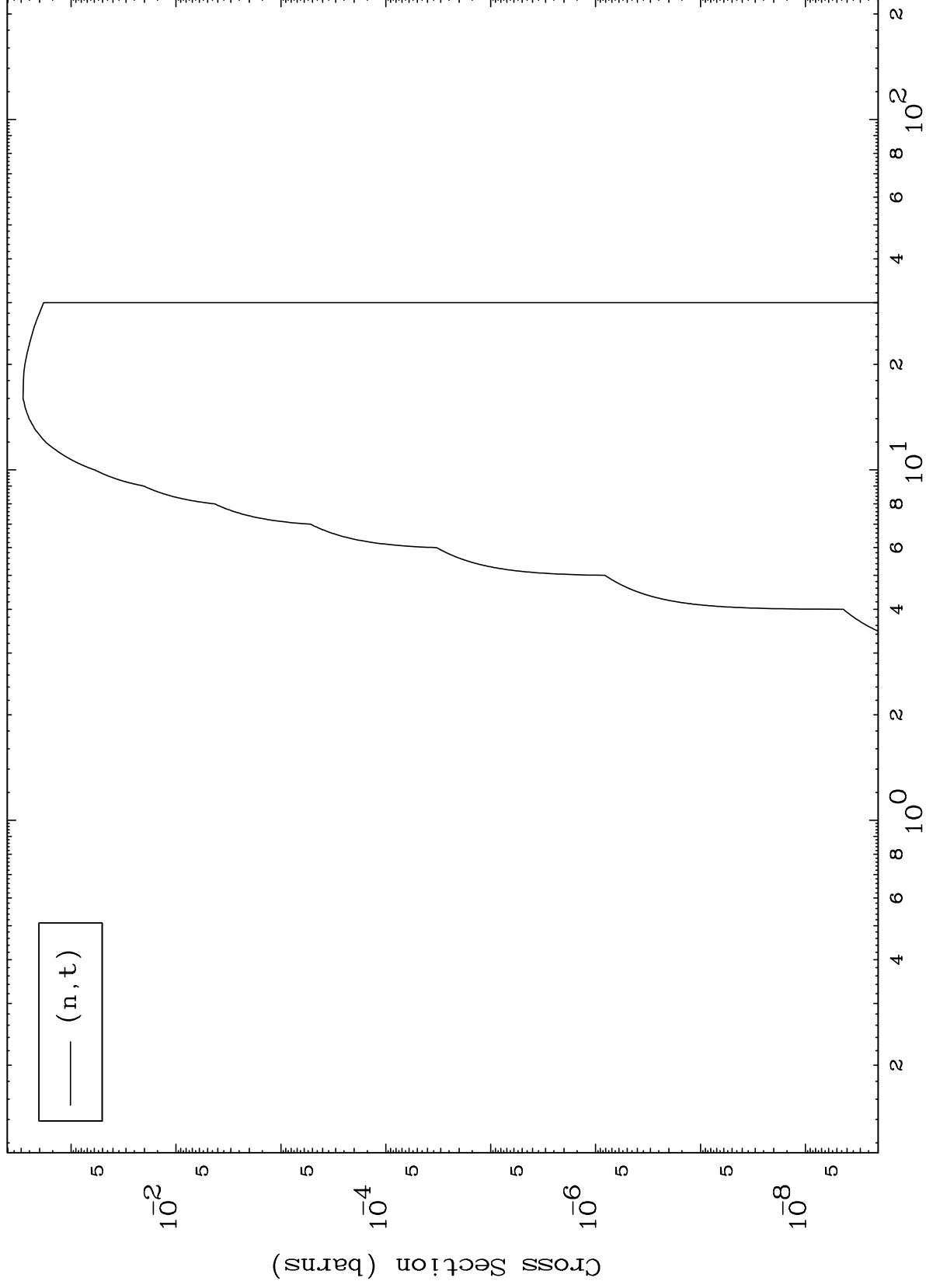


— (n,d)

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32-Ge-81

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



10

Incident Energy (MeV)

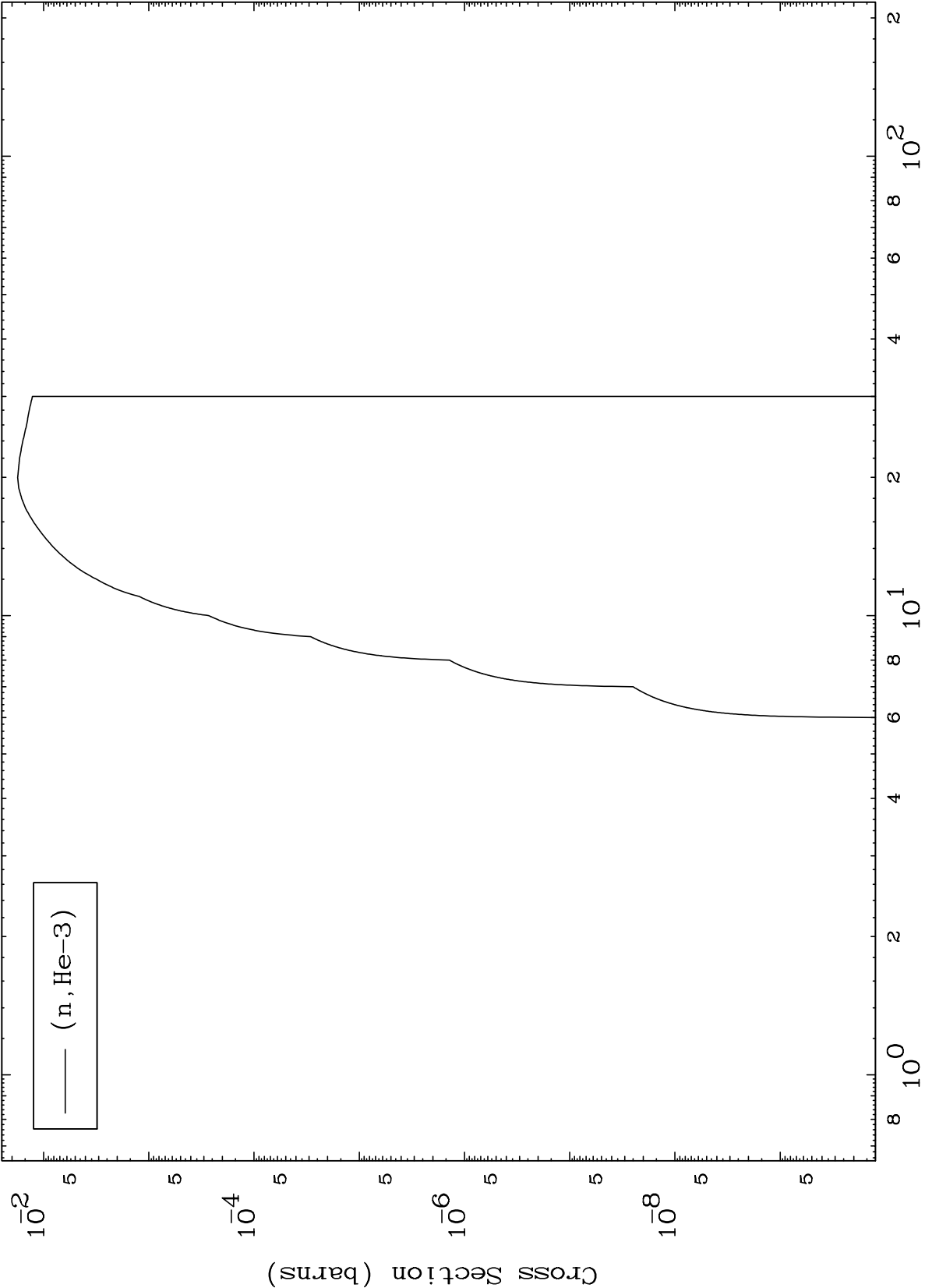
32-Ge-81

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(He-3, He3) Levels

32-Ge-81

0 Kelvin Cross Sections



— (n, He-3)

11

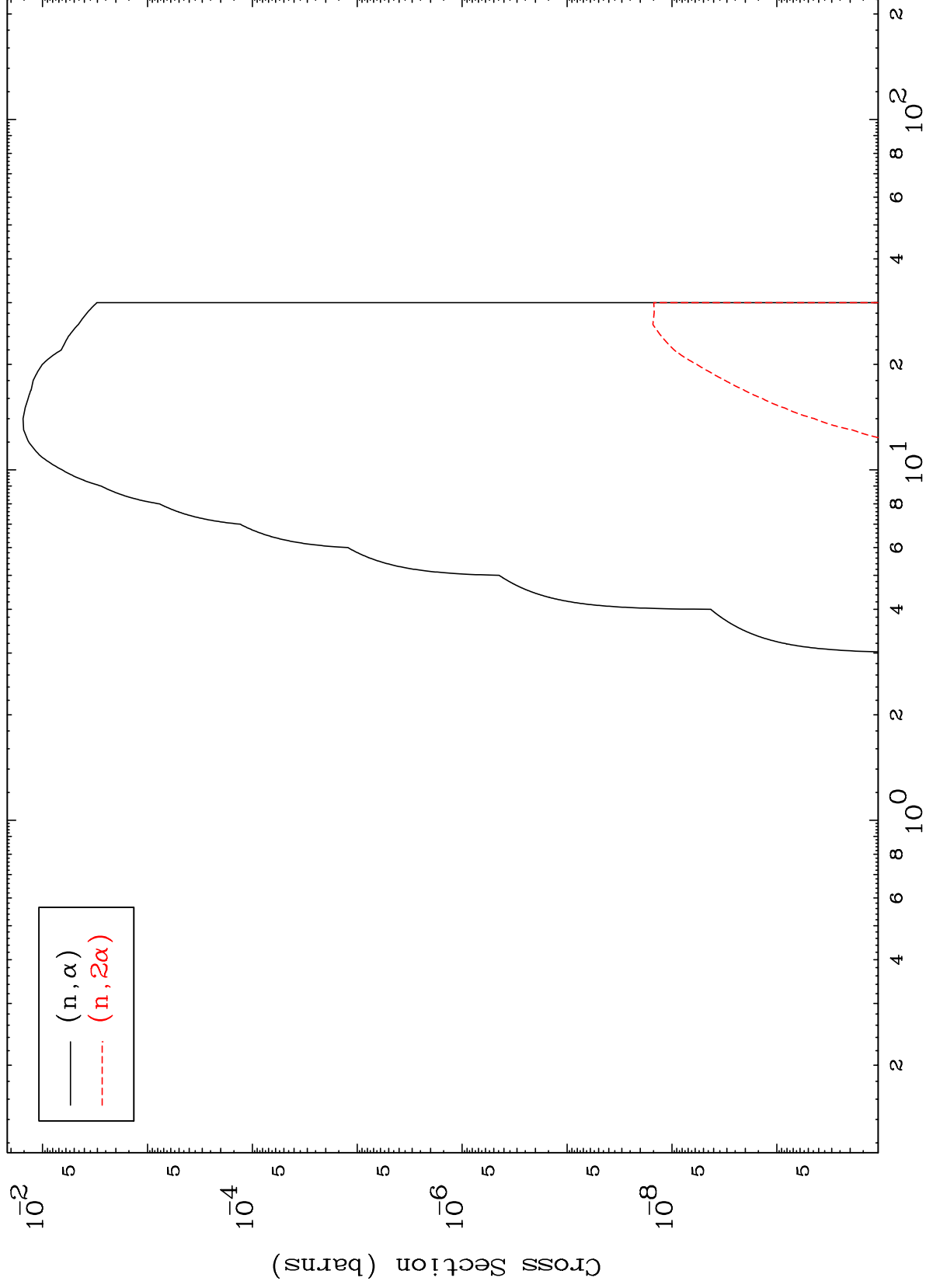
Incident Energy (MeV)

32-Ge-81

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32-Ge-81

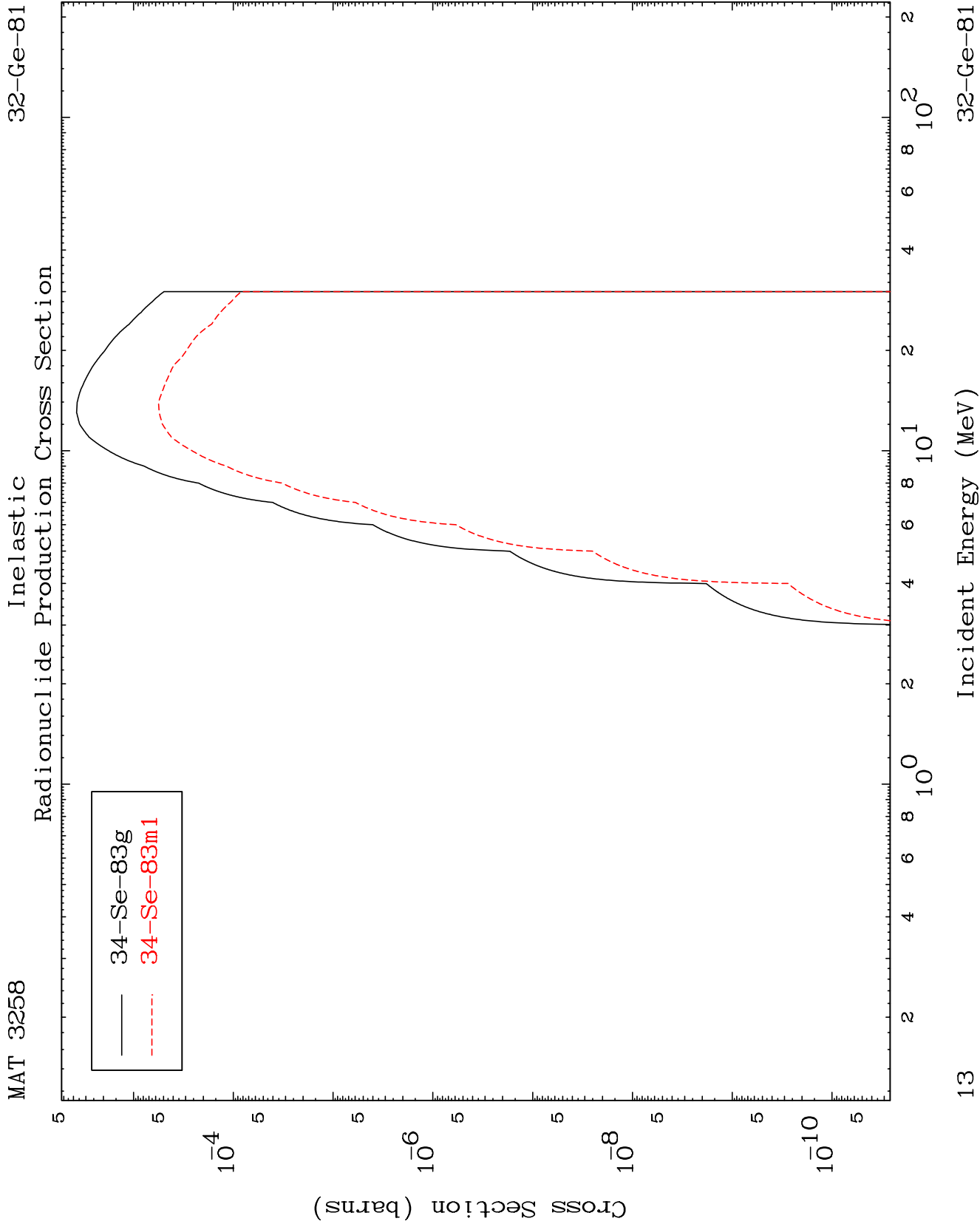
(He-3, α) Levels
0 Kelvin Cross Sections



12

Incident Energy (MeV)

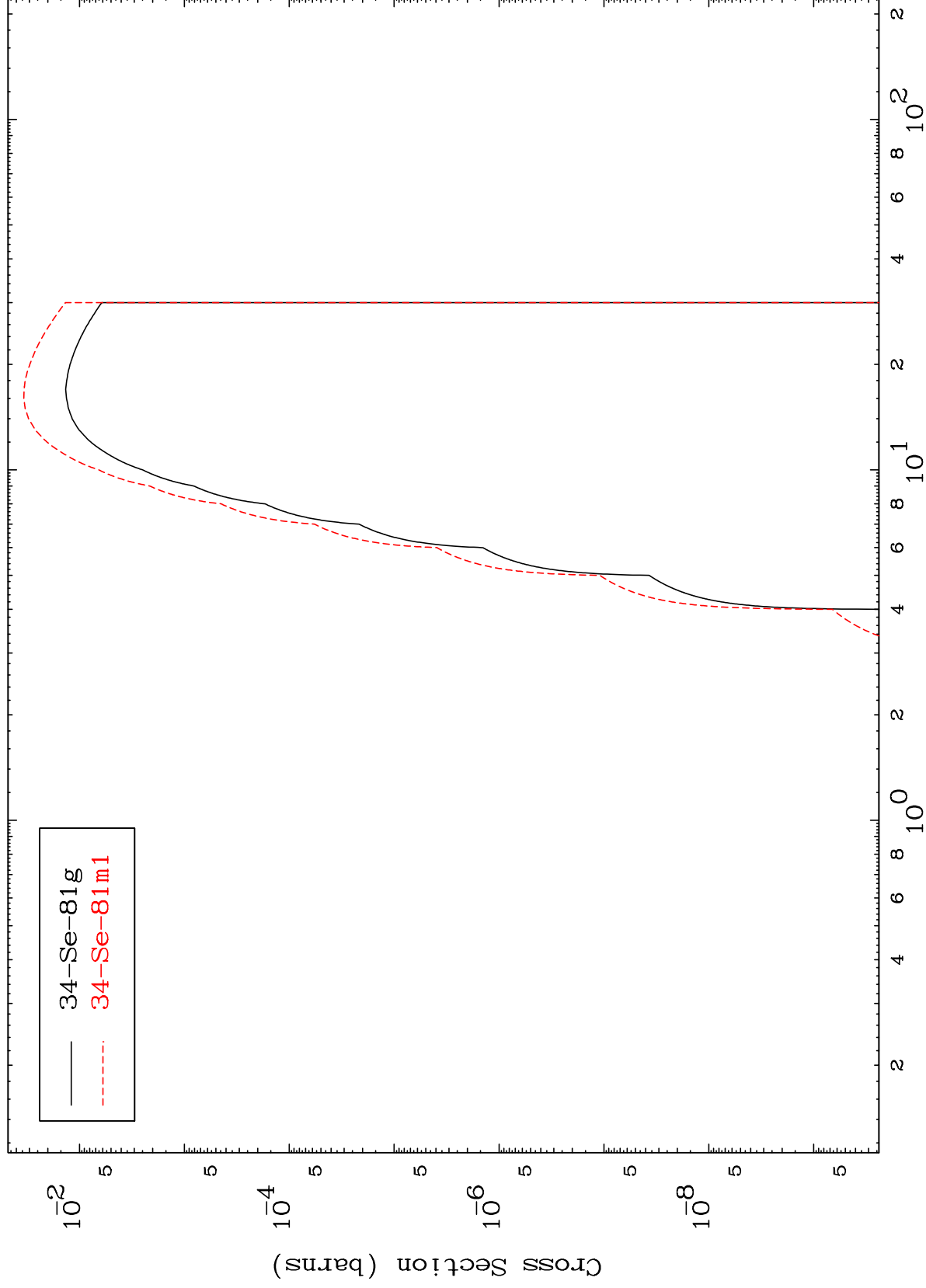
32-Ge-81



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32-Ge-81

(n,3n)
Radionuclide Production Cross Section



14

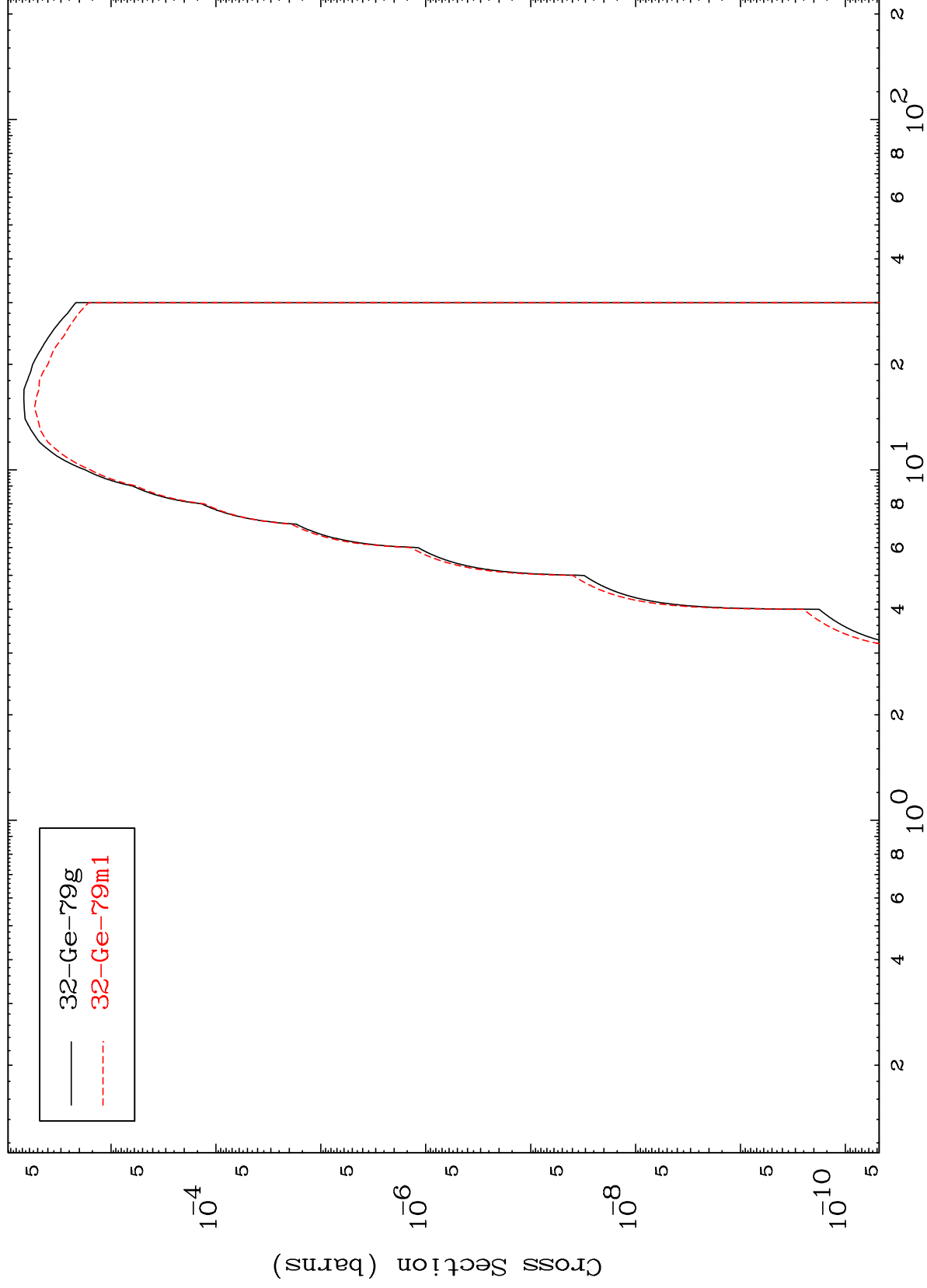
Incident Energy (MeV)

32-Ge-81

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32-Ge-81

$(n,n') \alpha$
Radionuclide Production Cross Section



15

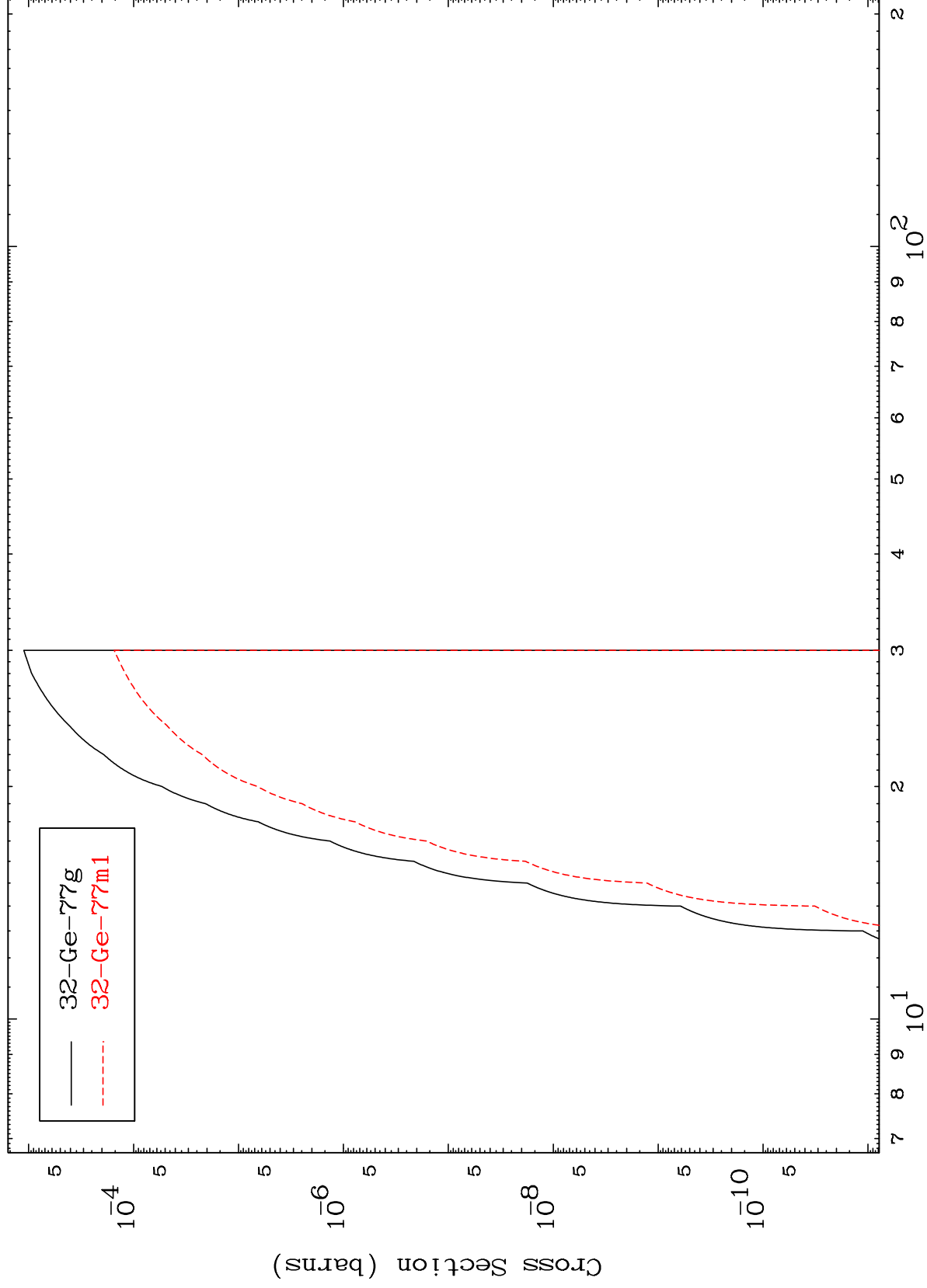
Incident Energy (MeV)

32-Ge-81

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$^{32}\text{Ge-81}$

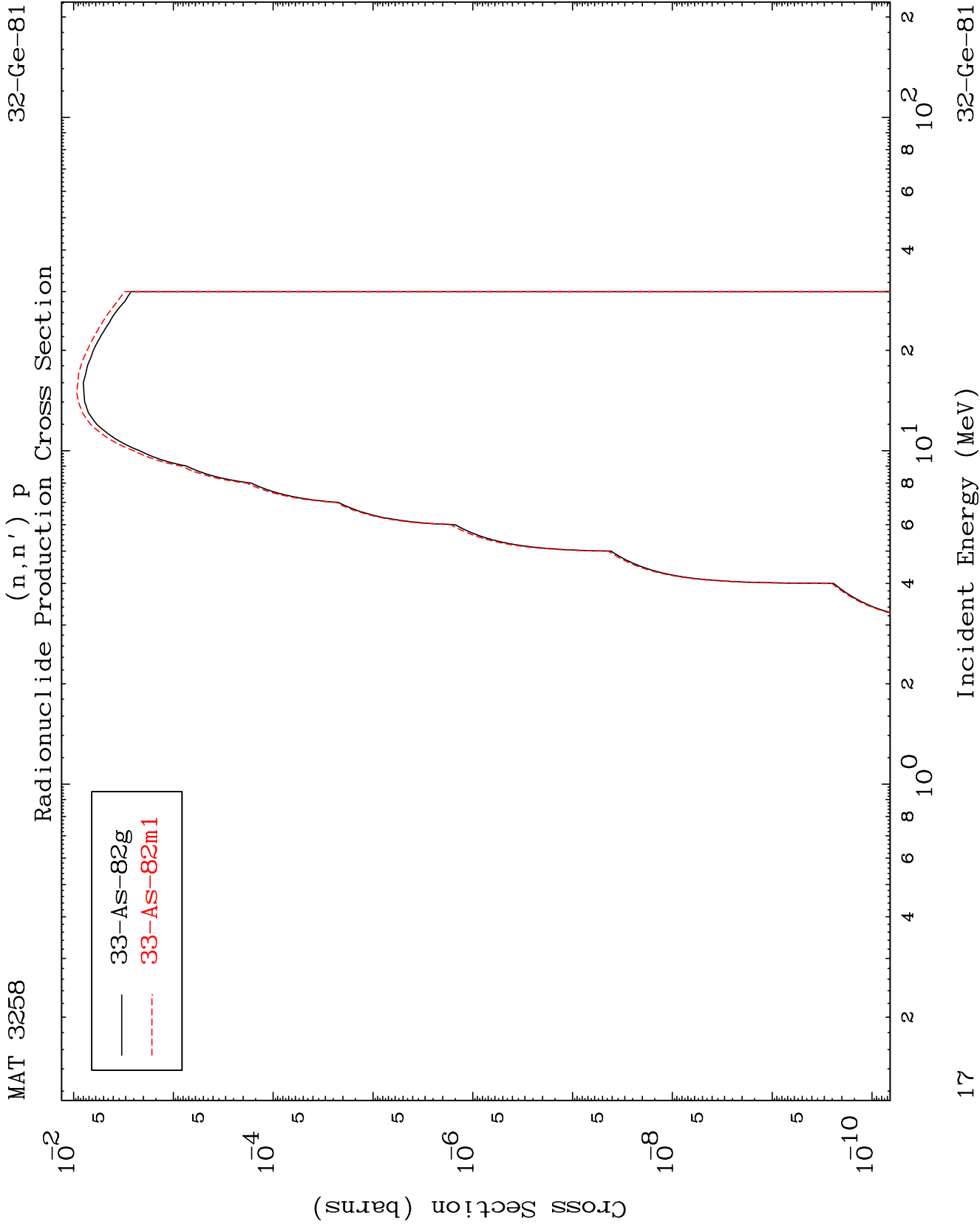
Radionuclide Production Cross Section
(n,3n) α



16

Incident Energy (MeV)

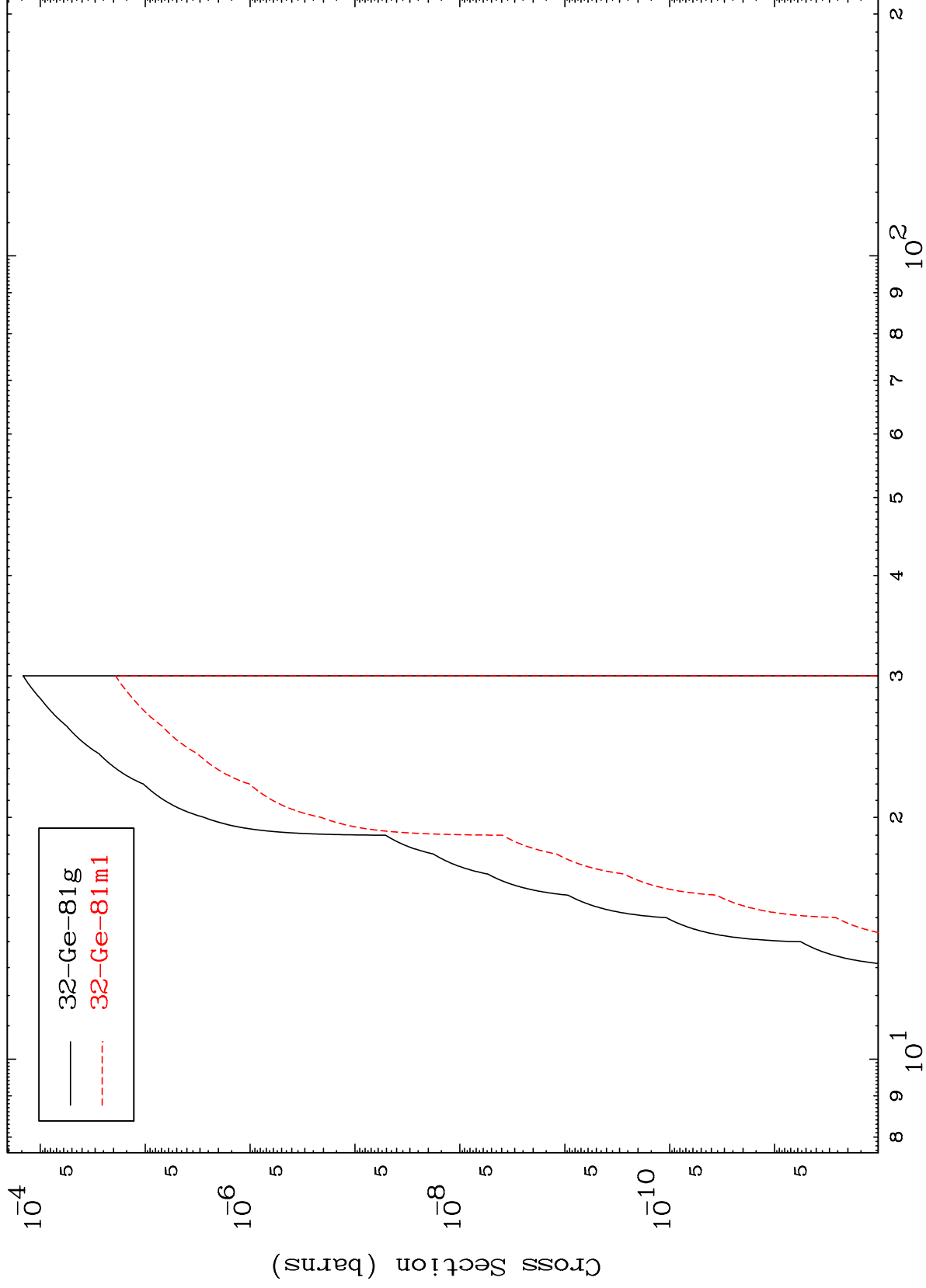
$^{32}\text{Ge-81}$



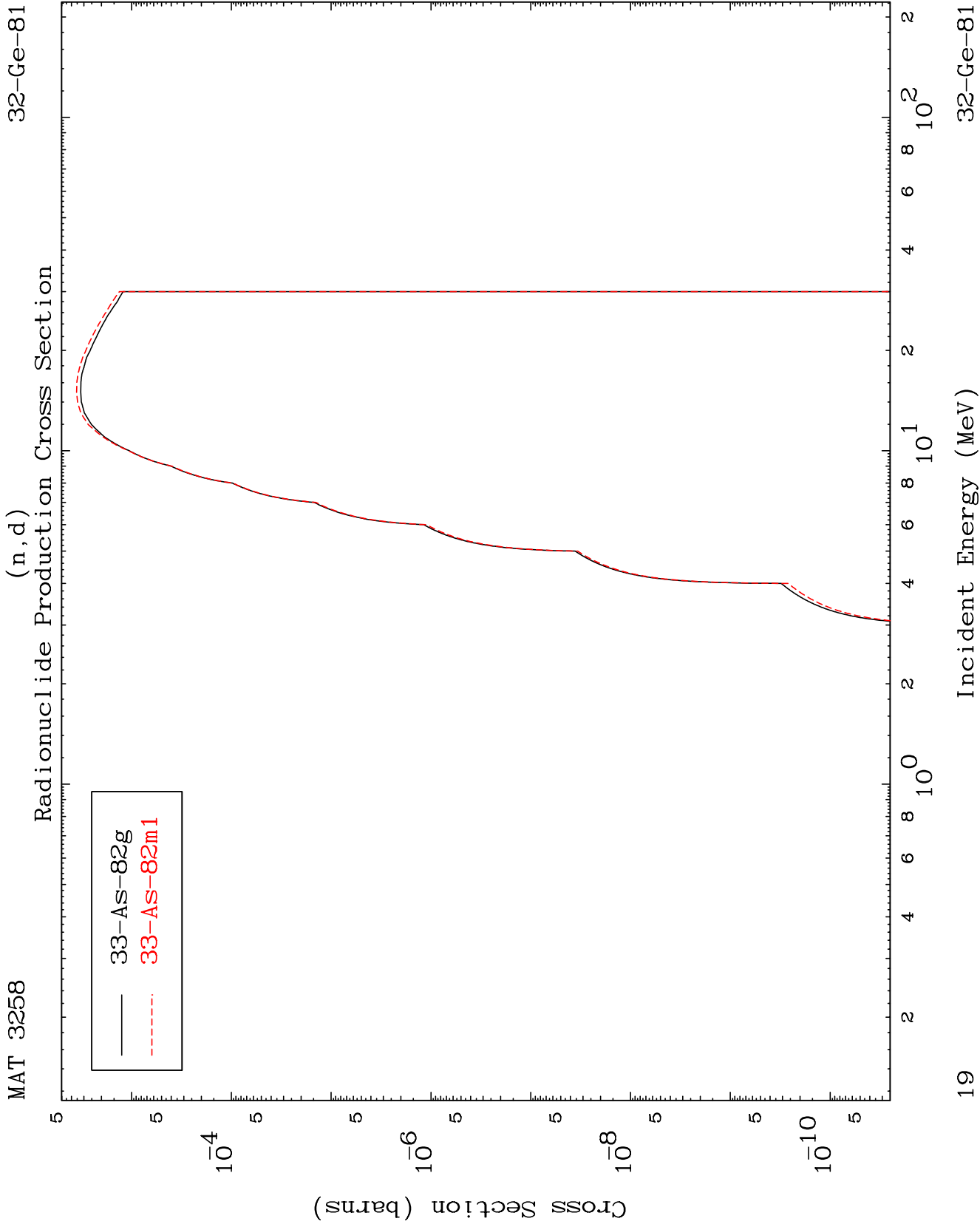
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$^{32}\text{Ge-81}$

$(n,2n)$ p
Radionuclide Production Cross Section



$^{32}\text{Ge-81}$

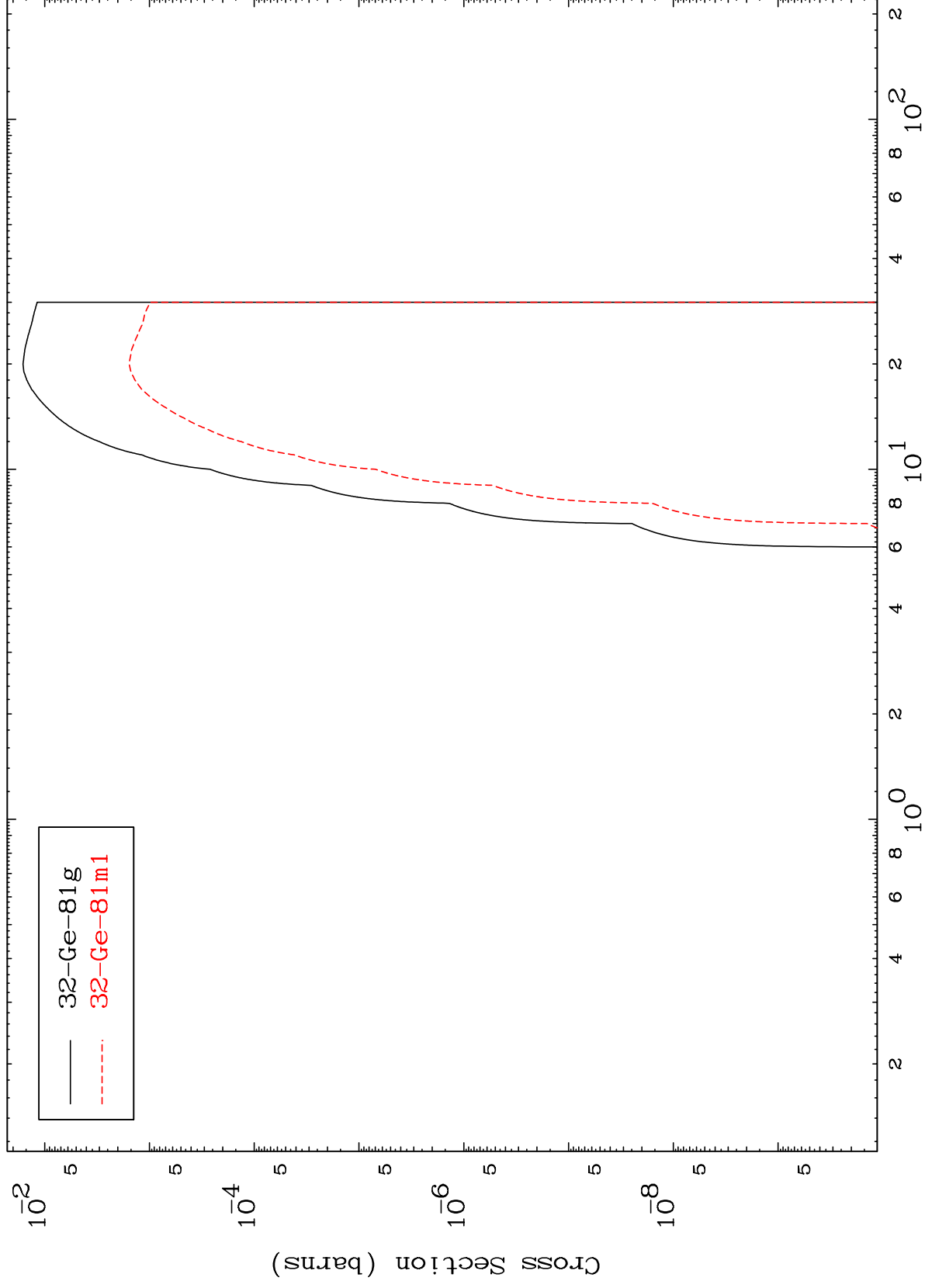


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(n,He-3)

32-Ge-81

Radionuclide Production Cross Section



20

Incident Energy (MeV)

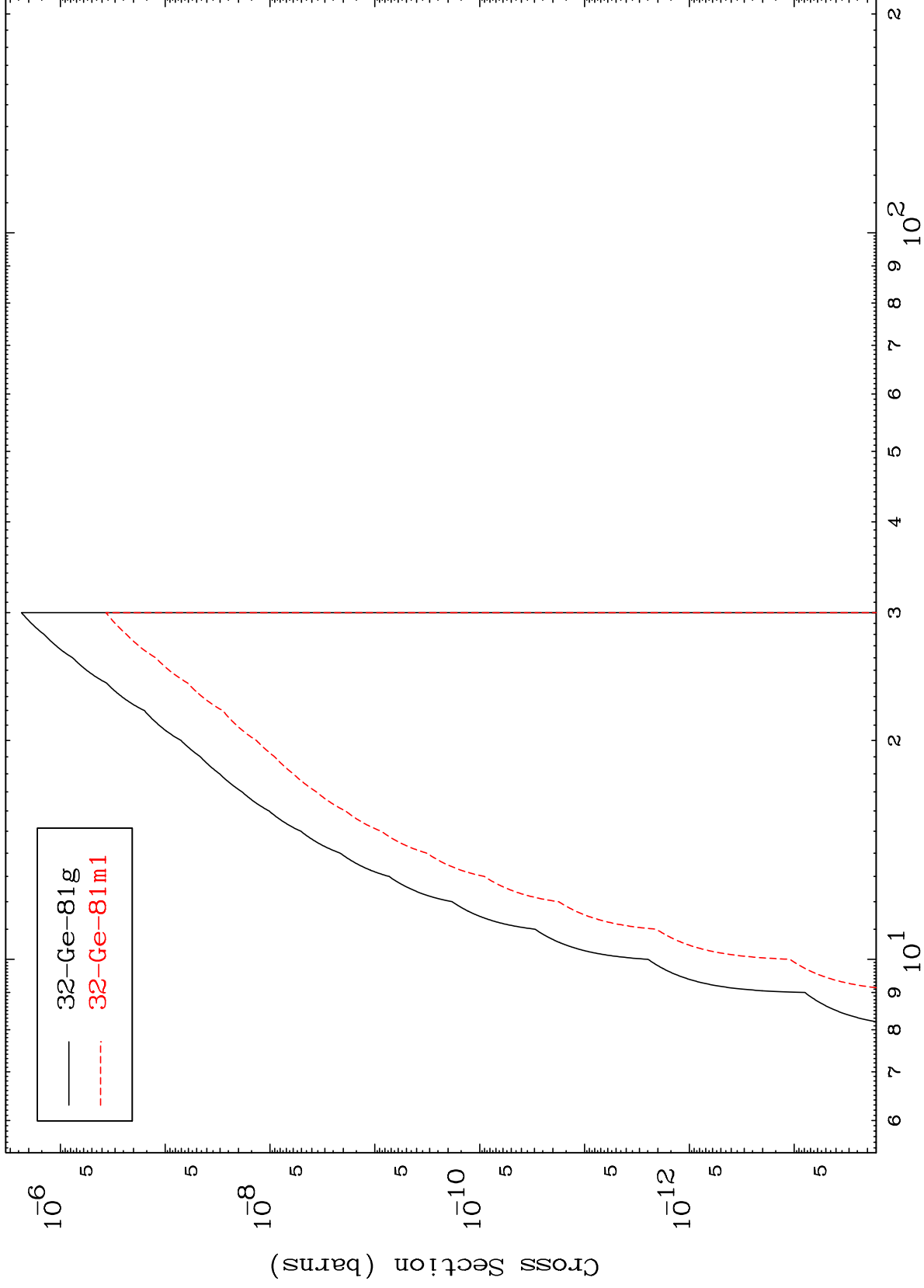
32-Ge-81

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(n,p) d

³²Ge-81

Radionuclide Production Cross Section



21

Incident Energy (MeV)

³²Ge-81