

Program EVALPLOT
(Version 2021-1)

by

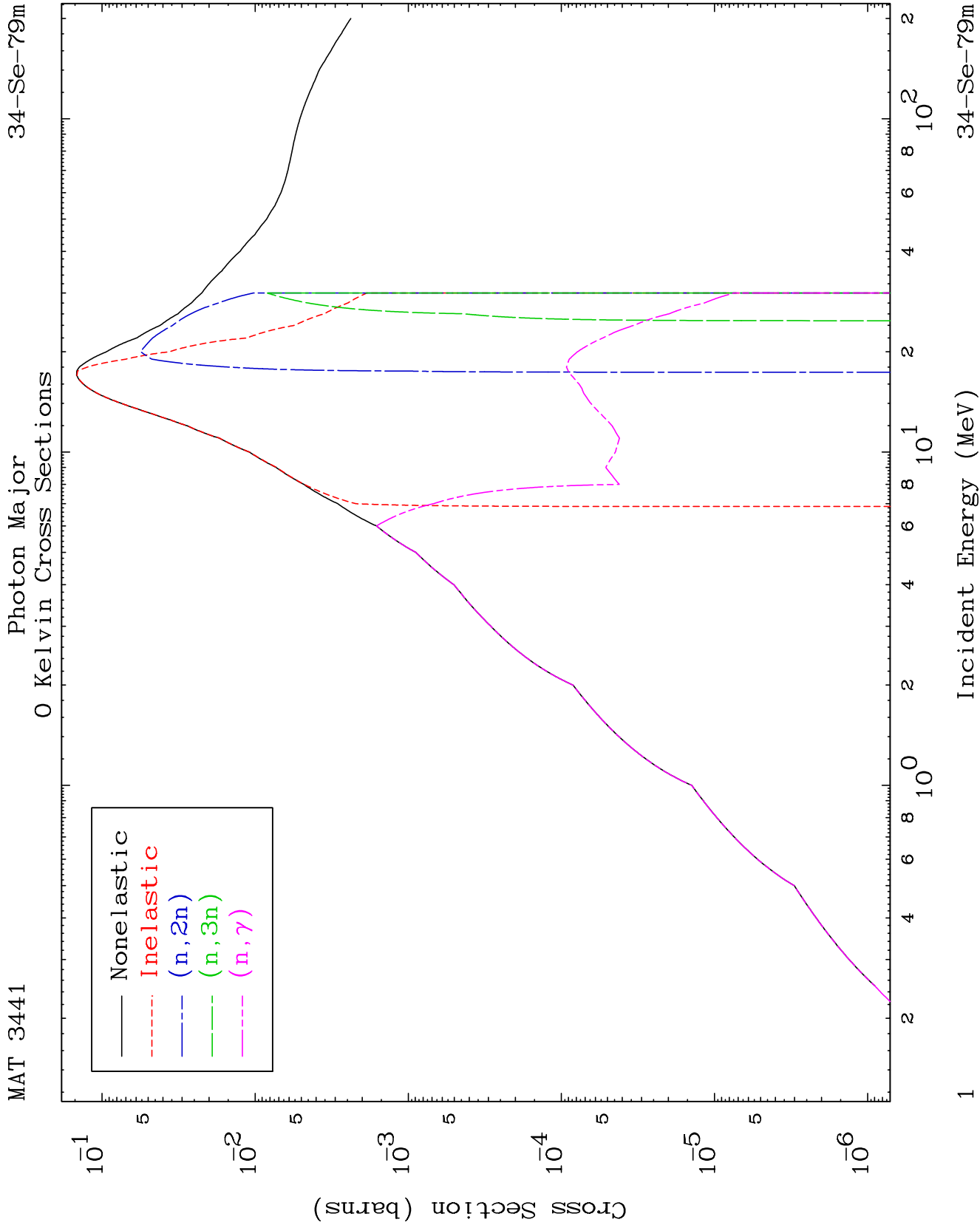
Dermott E. Cullen
(Present Contact Information)

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

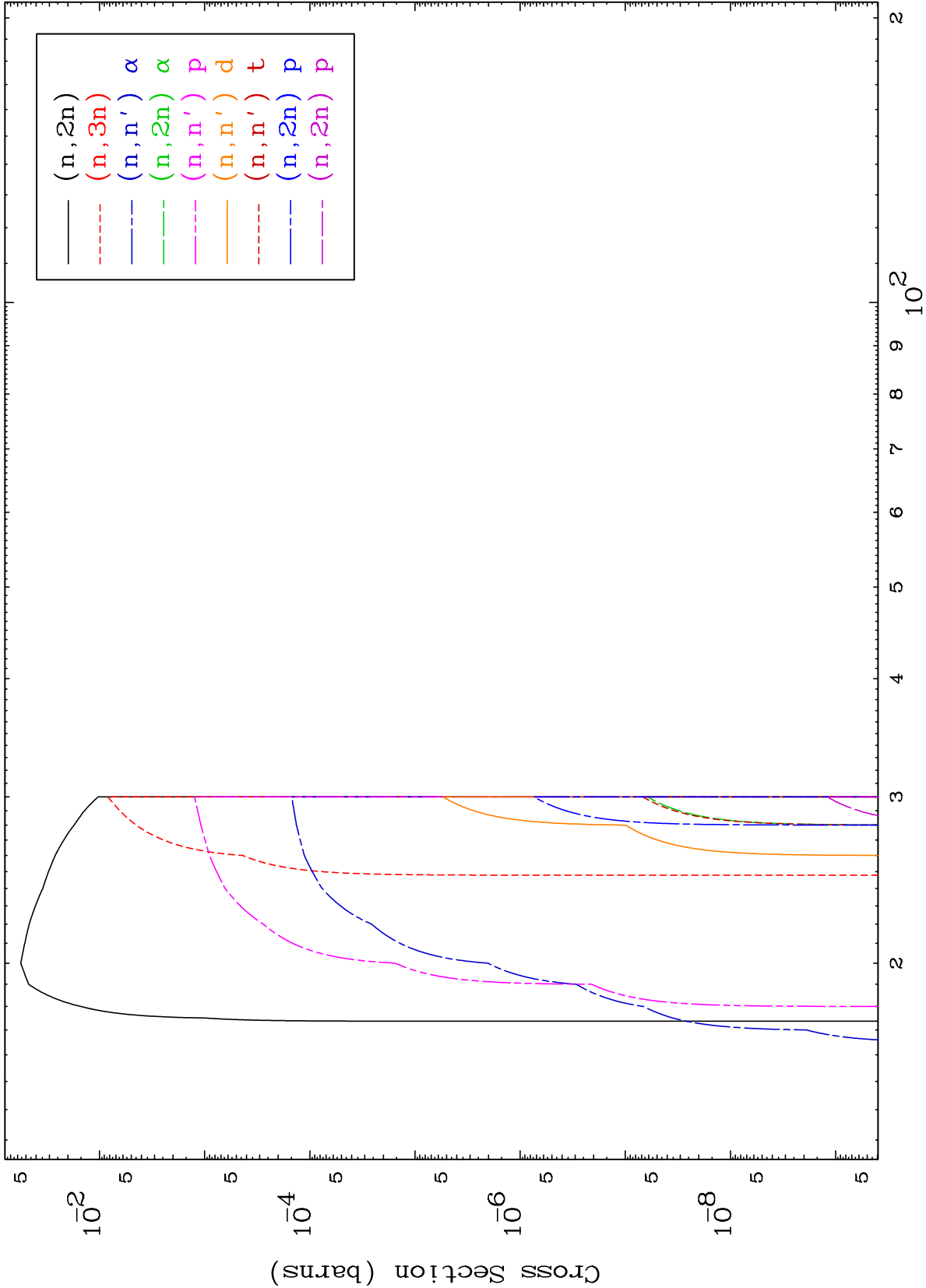
Press Mouse Button to Start



MAT 3441

Photon Neutron Absorption
0 Kelvin Cross Sections

34-Se-79m



2

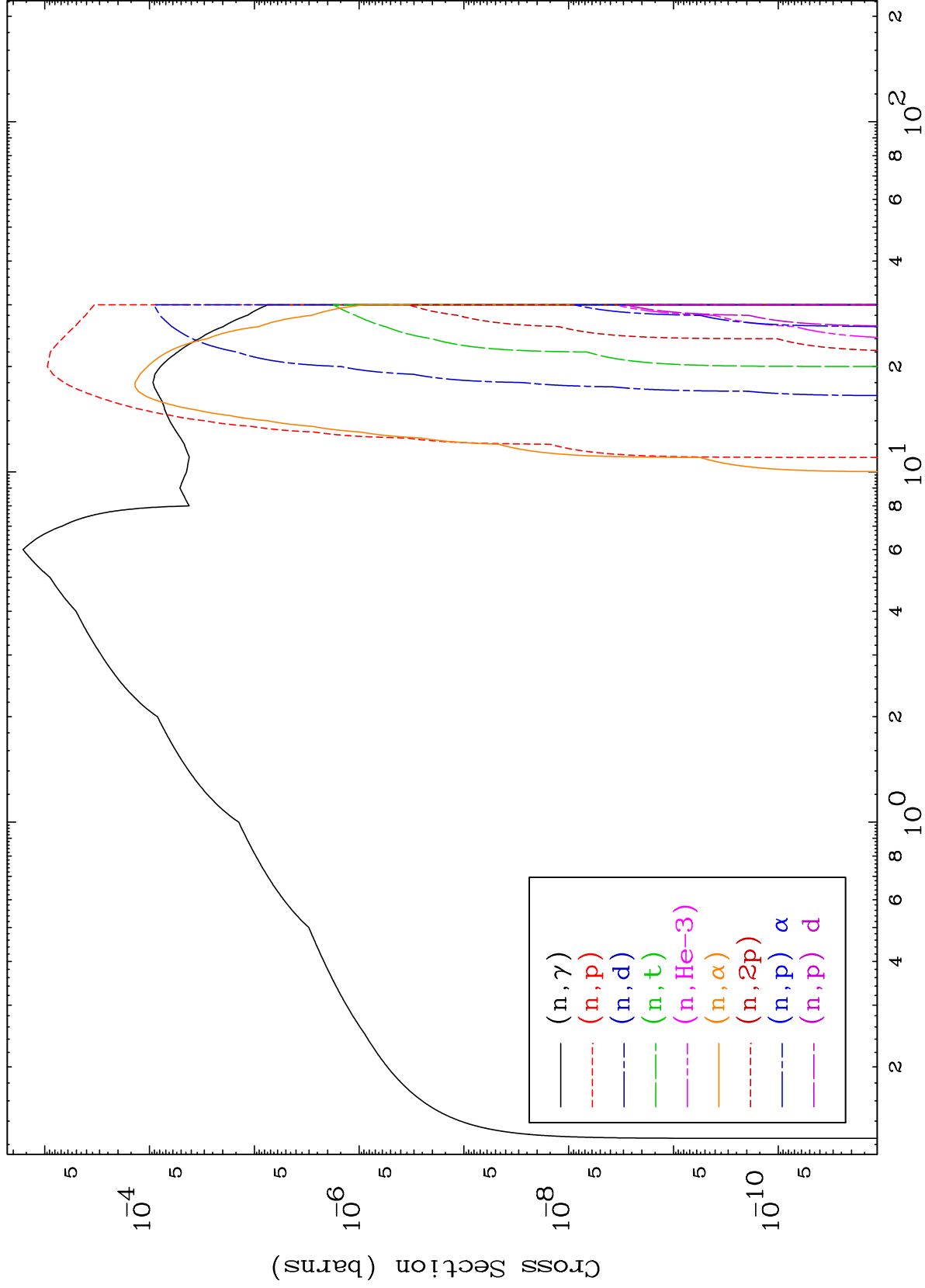
Incident Energy (MeV)

34-Se-79m

MAT 3441

Photon Neutron Absorption
0 Kelvin Cross Sections

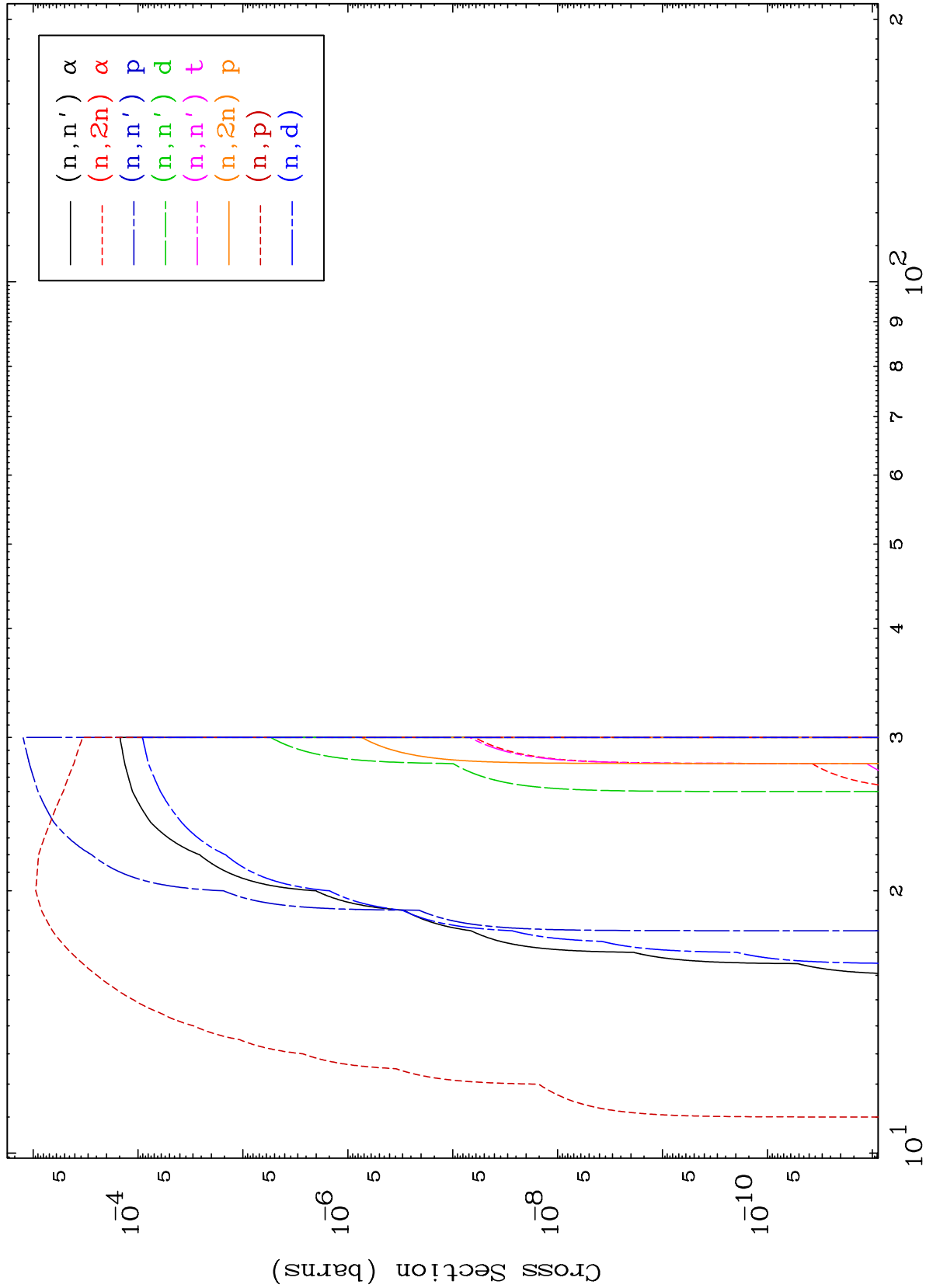
³⁴Se-79m



MAT 3441

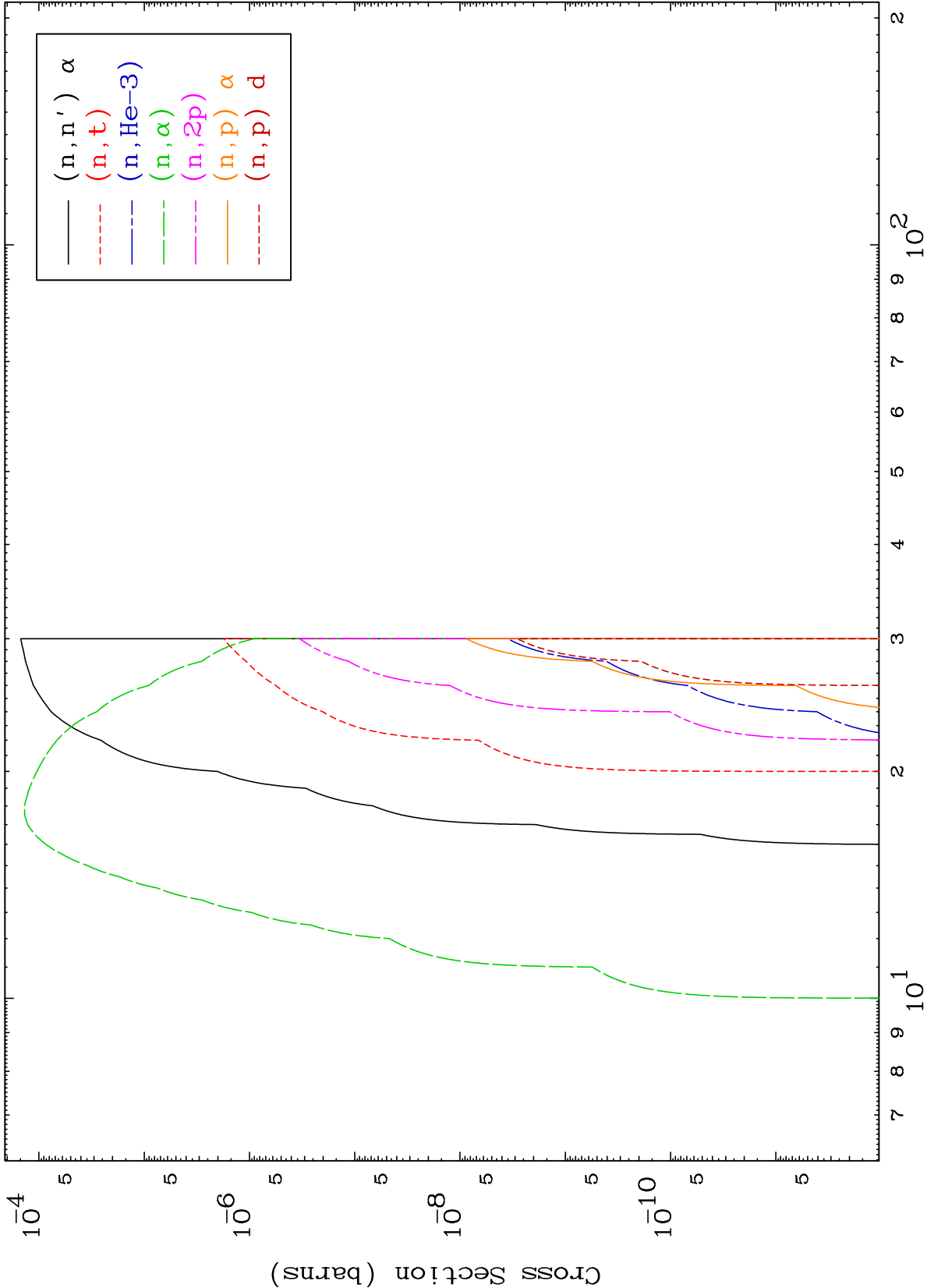
Photon Charged Particle
0 Kelvin Cross Sections

34-Se-79m



34-Se-79m

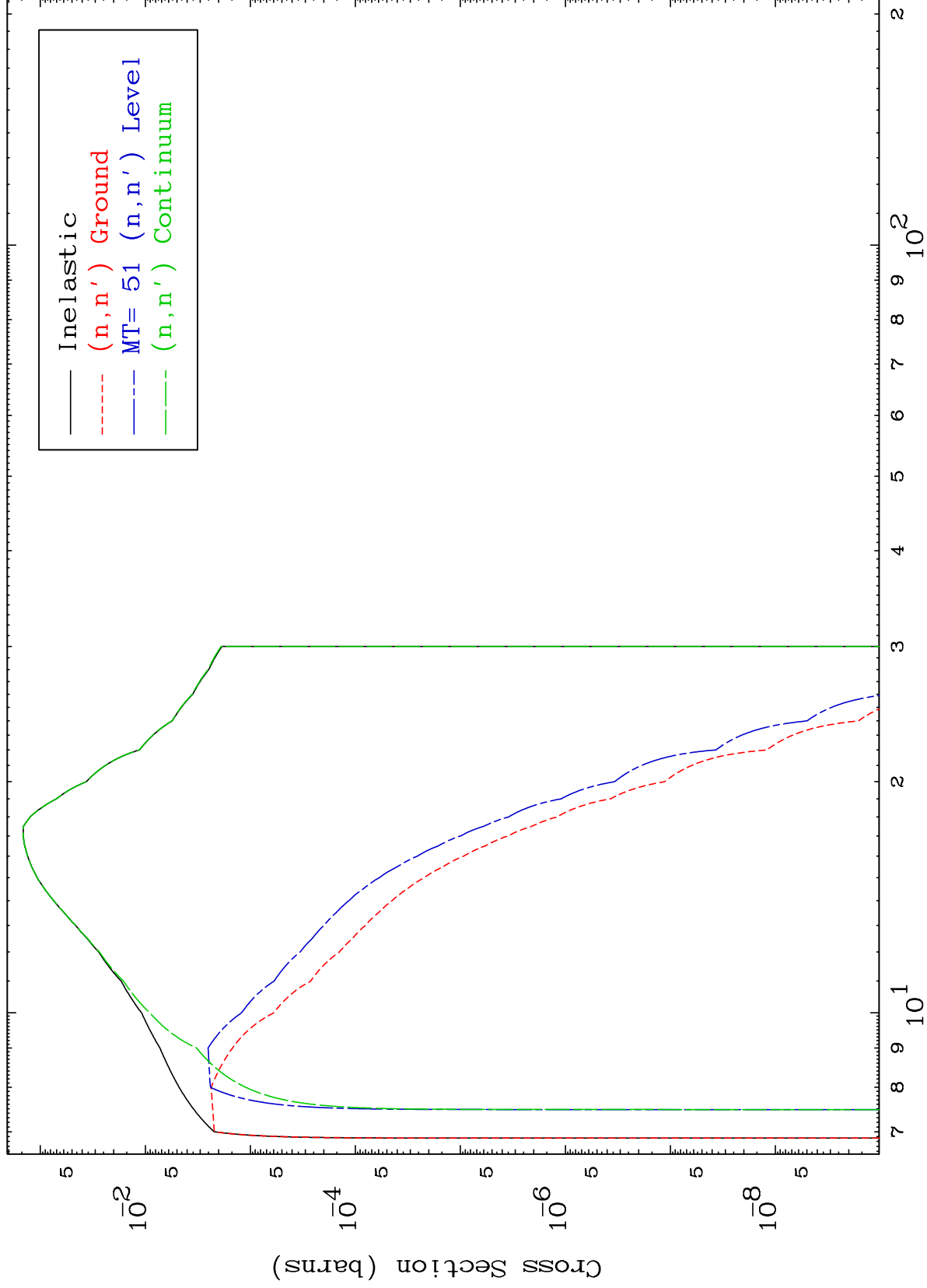
Incident Energy (MeV)



MAT 3441

34-Se-79m

(γ, n') Levels
0 Kelvin Cross Sections



34-Se-79m

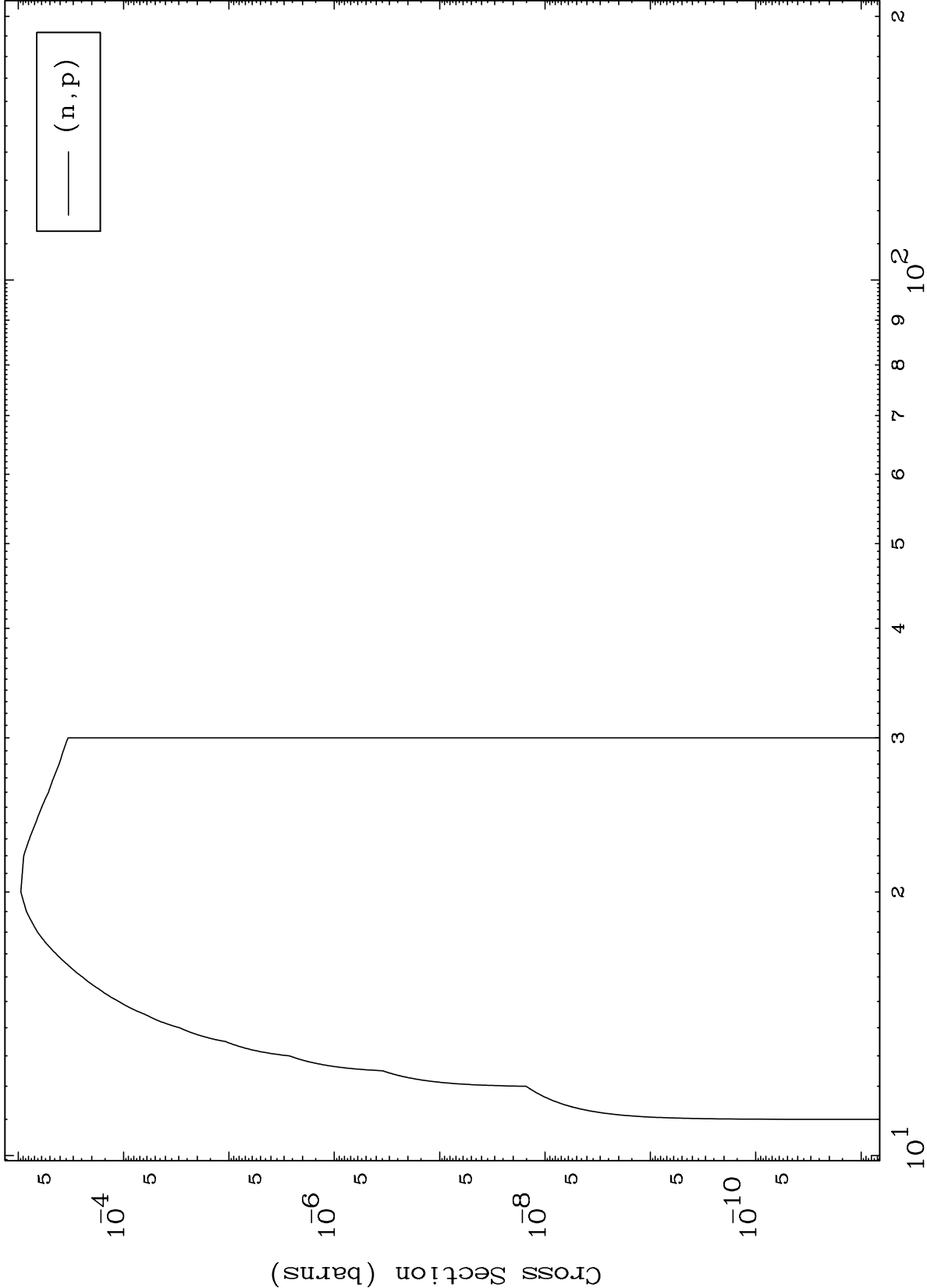
Incident Energy (MeV)

6

MAT 3441

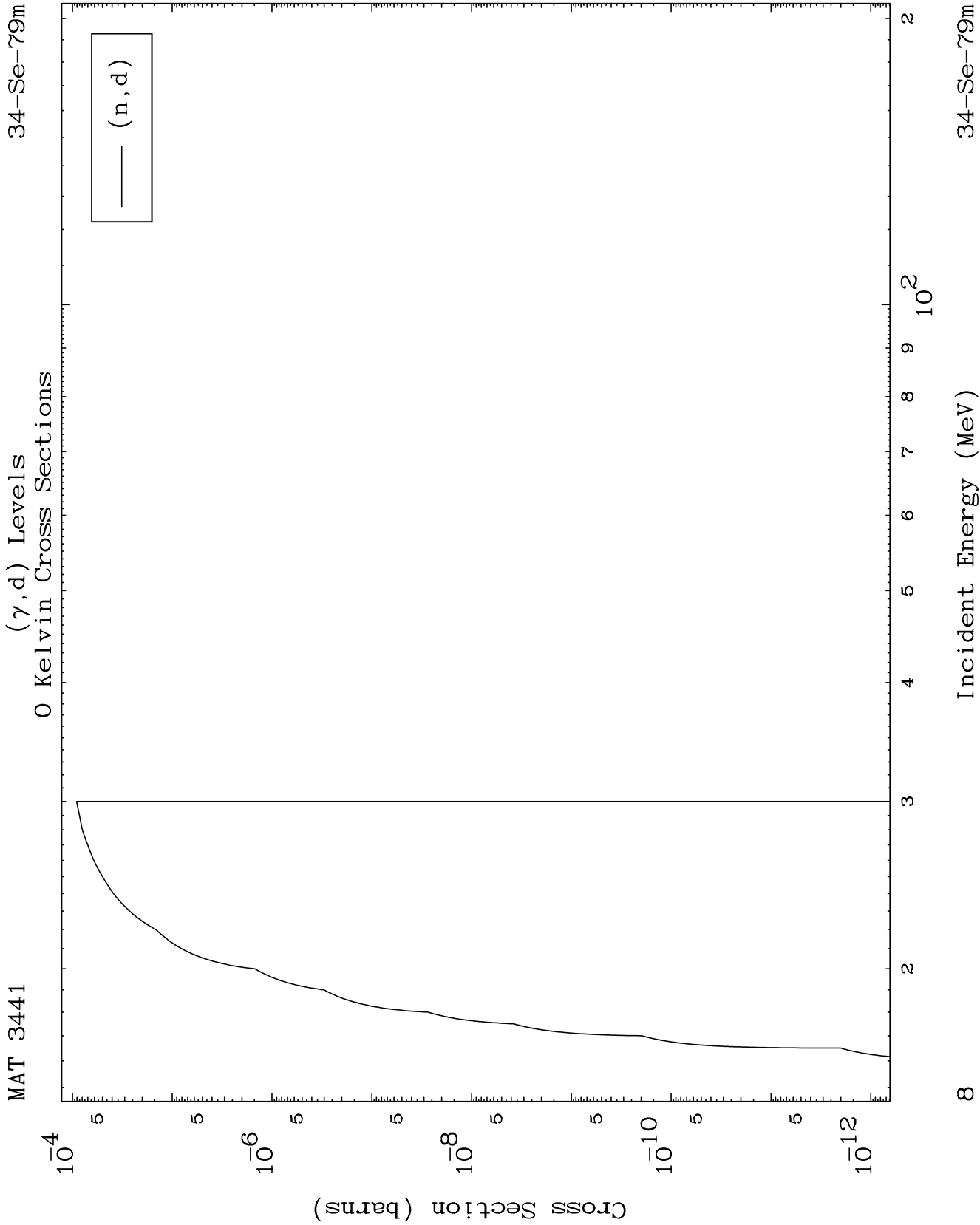
(γ ,p) Levels
0 Kelvin Cross Sections

34-Se-79m



Incident Energy (MeV)

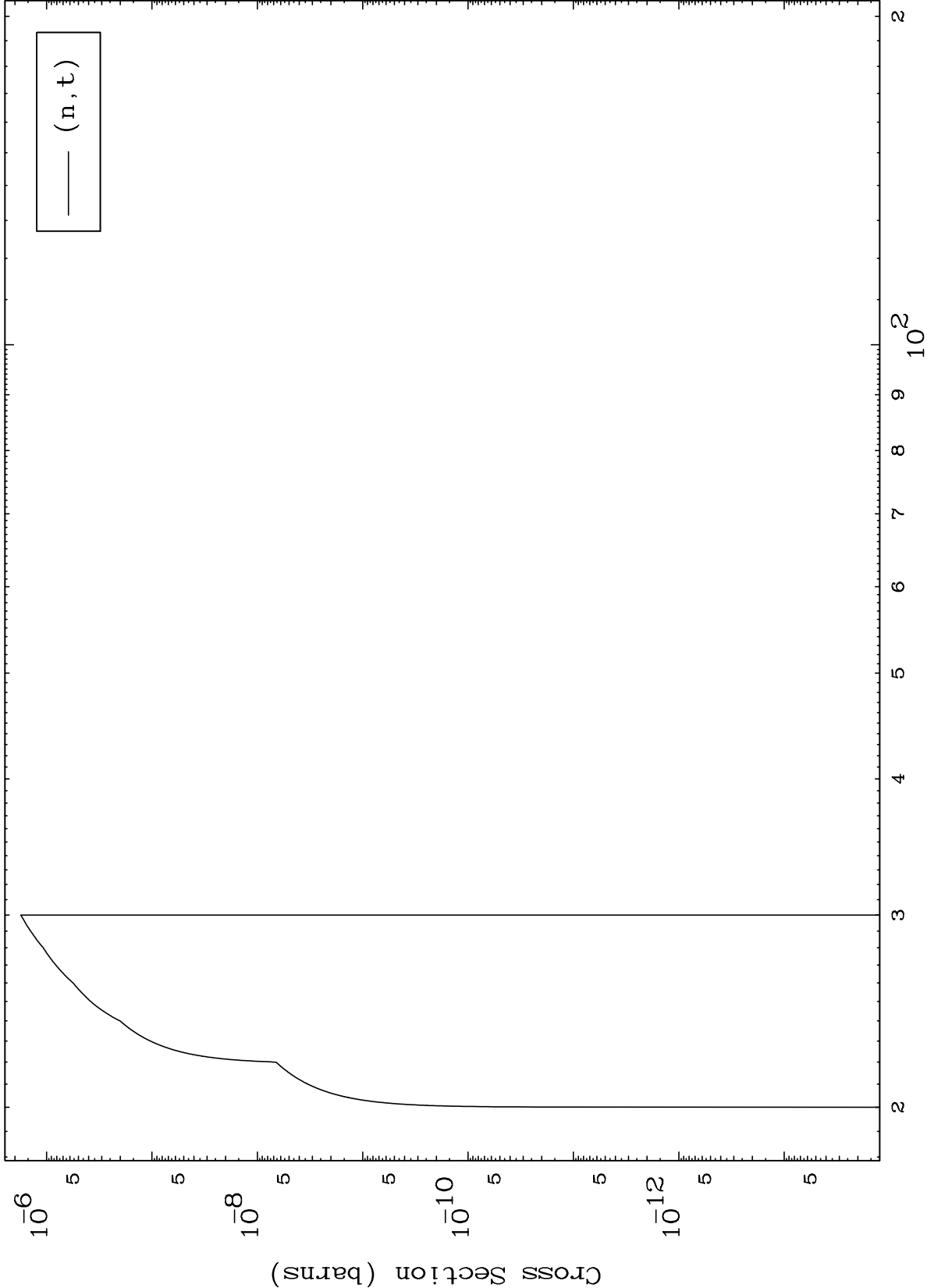
34-Se-79m



MAT 3441

(γ, t) Levels
0 Kelvin Cross Sections

34-Se-79m

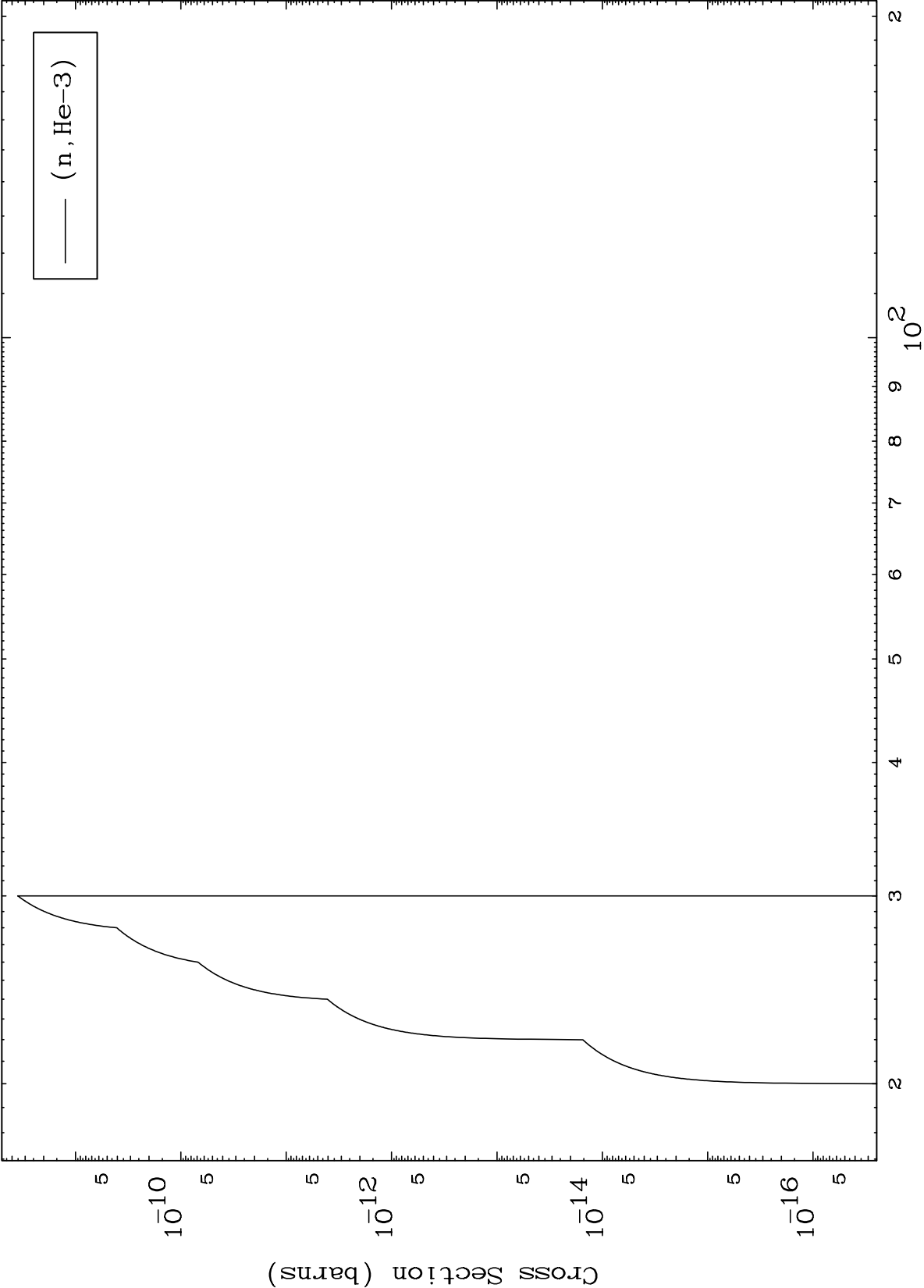


MAT 3441

(γ ,He3) Levels

34-Se-79m

0 Kelvin Cross Sections



10

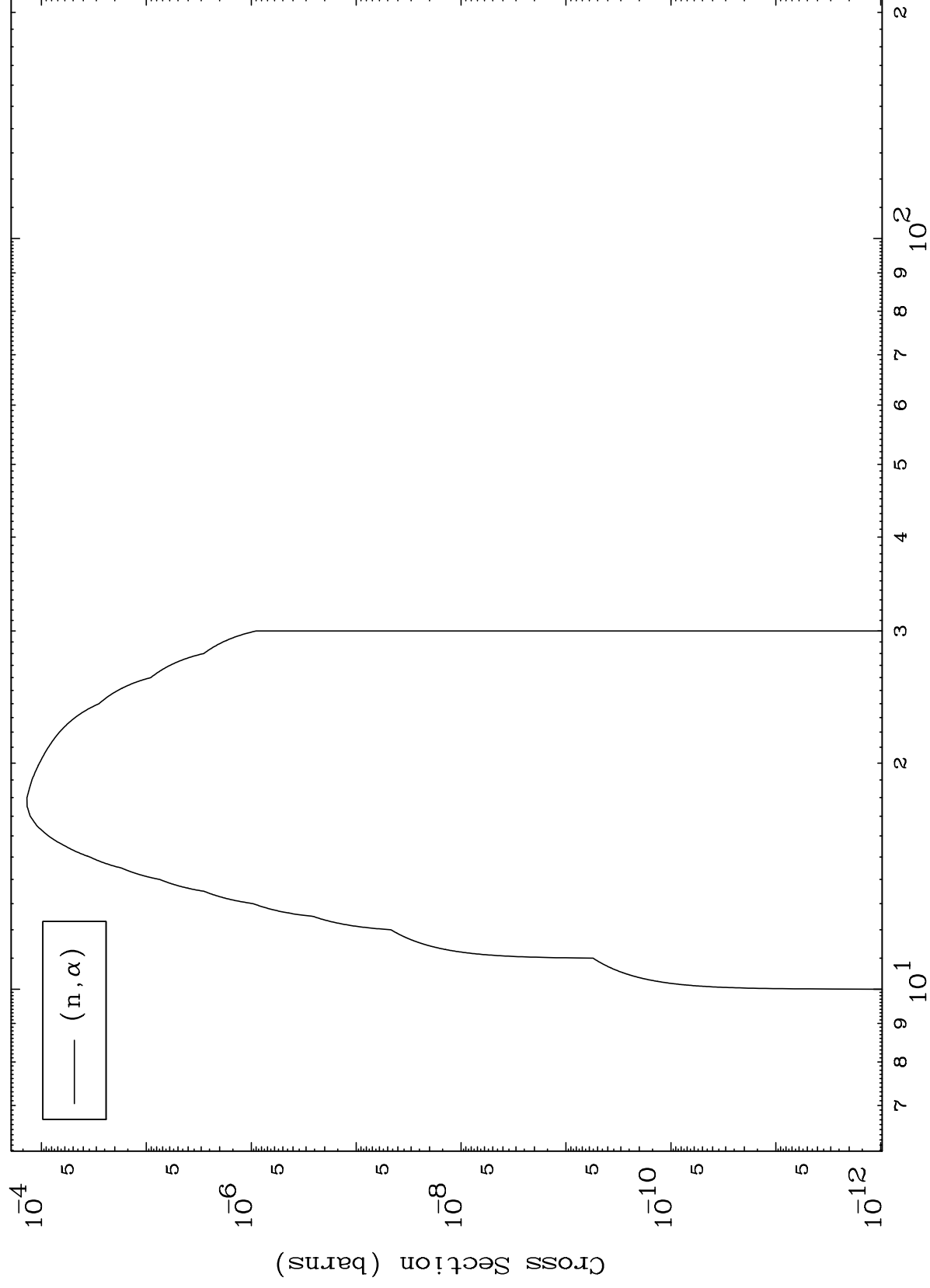
Incident Energy (MeV)

34-Se-79m

MAT 3441

34-Se-79m

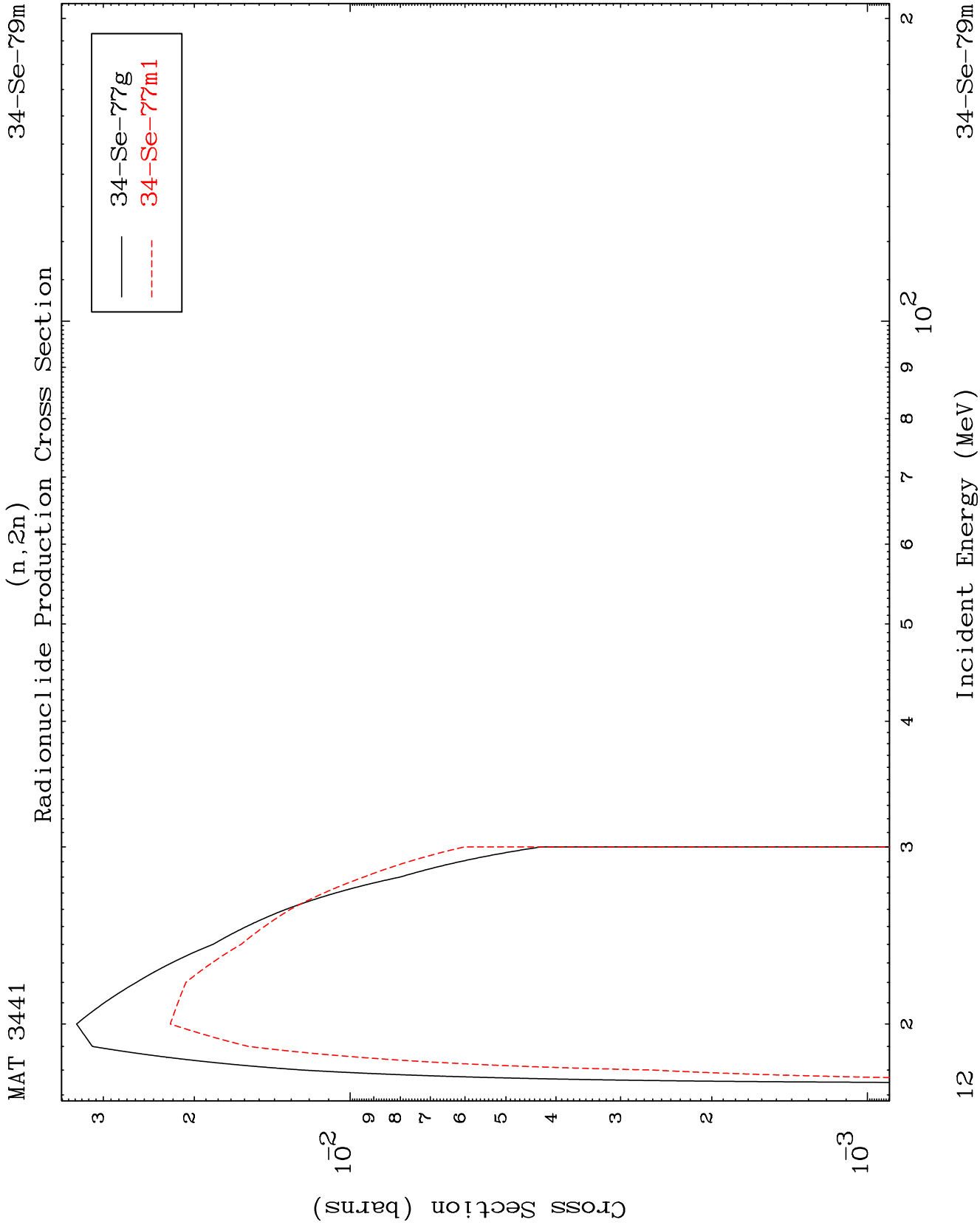
(γ, α) Levels
0 Kelvin Cross Sections



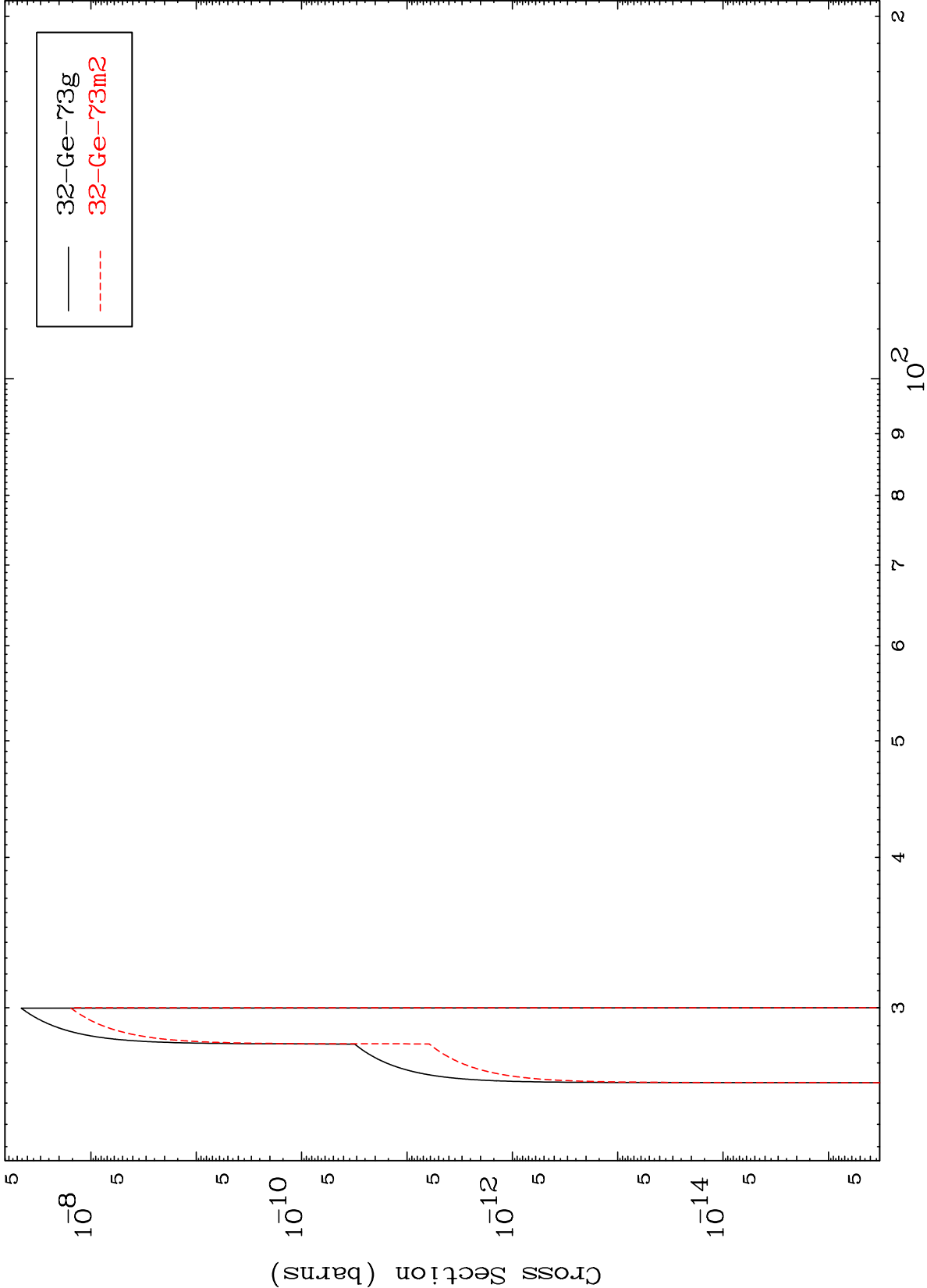
11

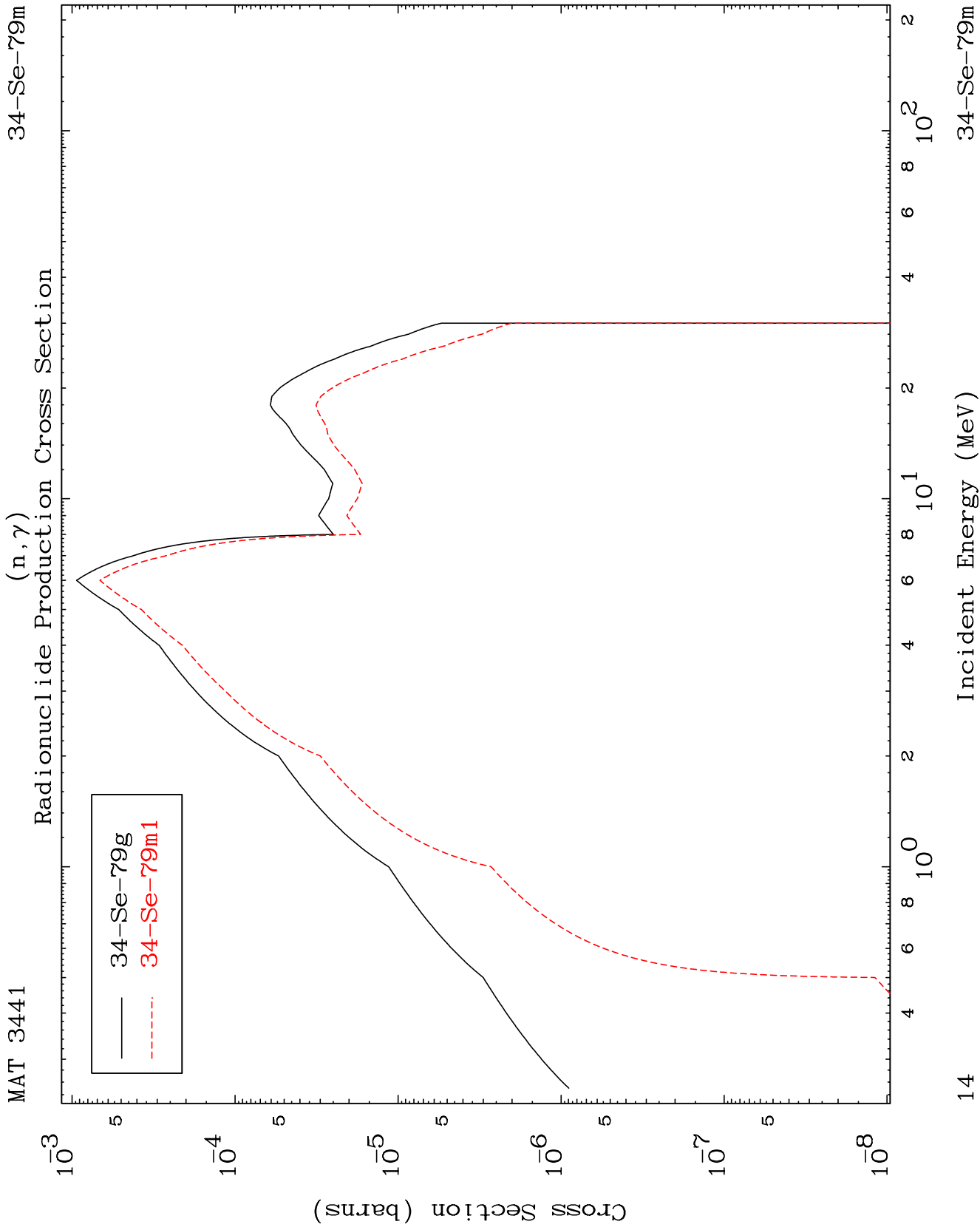
Incident Energy (MeV)

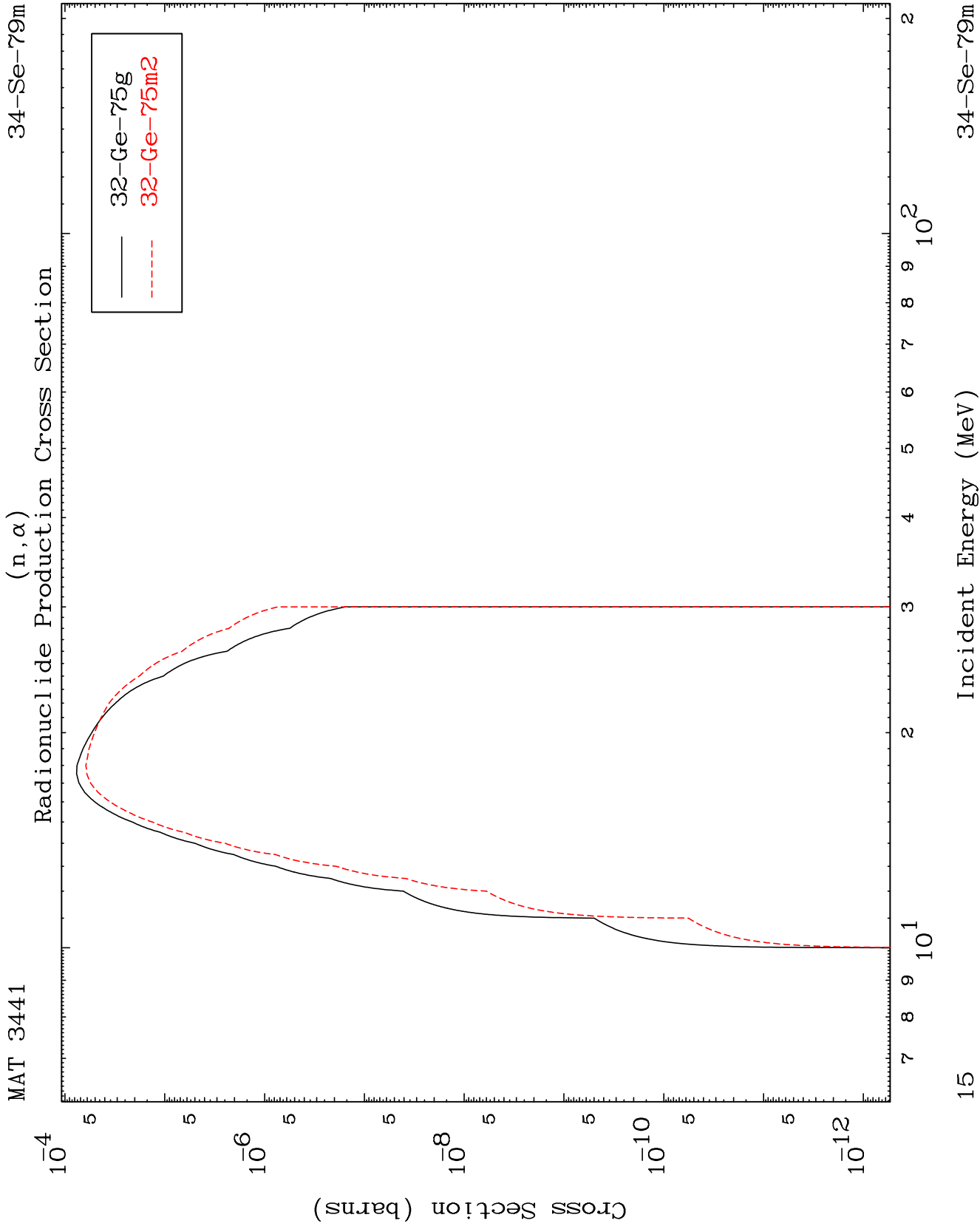
34-Se-79m



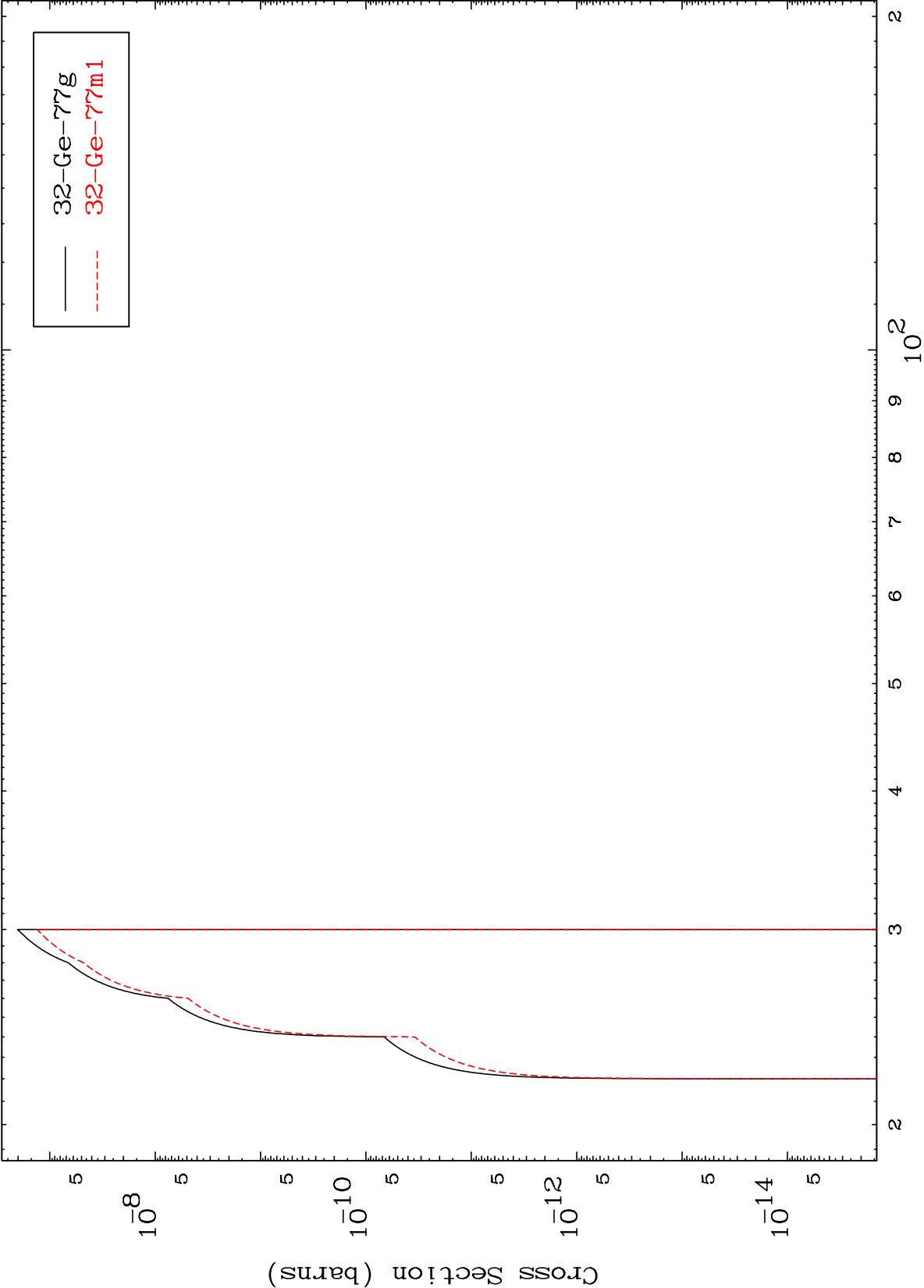
(n,2n) α
Radionuclide Production Cross Section







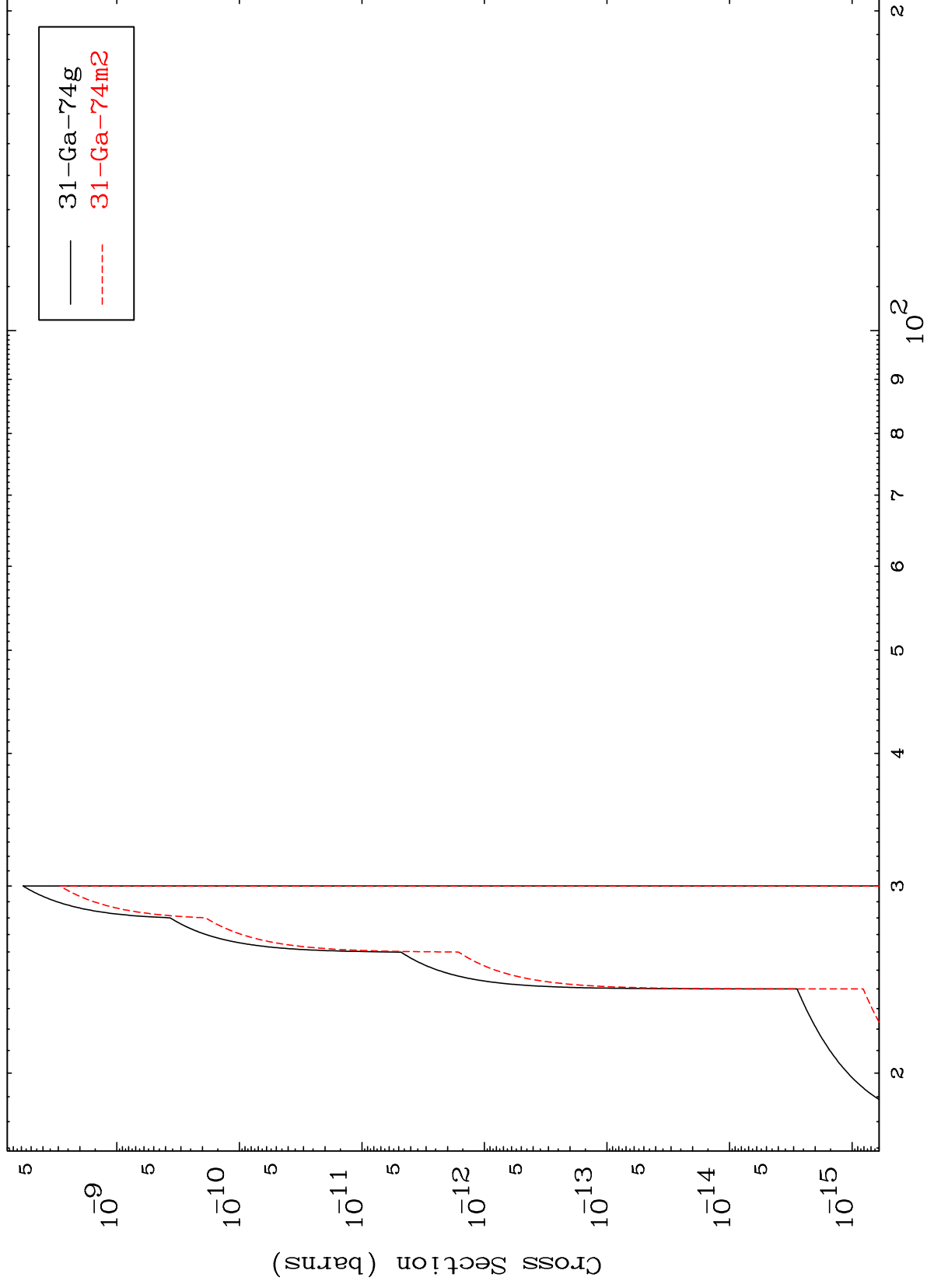
(n,2p)
Radionuclide Production Cross Section



MAT 3441

$^{34}\text{Se-}^{79}\text{m}$

$(\text{n,p}) \alpha$
Radionuclide Production Cross Section



17

Incident Energy (MeV)

$^{34}\text{Se-}^{79}\text{m}$